

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075016.D
 Acq On : 14 Dec 2022 12:01
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:04:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	196231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58165	41.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.840%		
35) Dibromofluoromethane	7.805	113	75872	45.154	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.300%		
50) Toluene-d8	10.269	98	217036	42.135	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	84.280%		
62) 4-Bromofluorobenzene	12.575	95	75510	45.657	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48212	41.749	ug/l	100
3) Chloromethane	2.146	50	97223	44.295	ug/l	100
4) Vinyl Chloride	2.281	62	103744	43.697	ug/l	100
5) Bromomethane	2.681	94	69819	40.514	ug/l	100
6) Chloroethane	2.828	64	78615	44.764	ug/l	100
7) Trichlorofluoromethane	3.170	101	125325	43.350	ug/l	100
8) Diethyl Ether	3.587	74	40197	46.515	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	84736	44.982	ug/l	100
10) Methyl Iodide	4.164	142	67575	45.994	ug/l	100
11) Tert butyl alcohol	5.058	59	24242	228.042	ug/l	100
12) 1,1-Dichloroethene	3.934	96	80749	44.749	ug/l	100
13) Acrolein	3.793	56	45473	235.198	ug/l	100
14) Allyl chloride	4.564	41	94792	45.963	ug/l	100
15) Acrylonitrile	5.258	53	87422	239.727	ug/l	100
16) Acetone	4.022	43	94867	260.316	ug/l	100
17) Carbon Disulfide	4.269	76	180285	43.839	ug/l	100
18) Methyl Acetate	4.564	43	39833	39.642	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	185980	48.452	ug/l	100
20) Methylene Chloride	4.799	84	105006	37.340	ug/l	100
21) trans-1,2-Dichloroethene	5.311	96	91085	46.293	ug/l	100
22) Diisopropyl ether	6.216	45	231010	48.957	ug/l	100
23) Vinyl Acetate	6.158	43	543847	274.685	ug/l	100
24) 1,1-Dichloroethane	6.116	63	155041	46.299	ug/l	100
25) 2-Butanone	7.081	43	114138	248.670	ug/l	100
26) 2,2-Dichloropropane	7.075	77	144034	45.767	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	108690	46.732	ug/l	100
28) Bromochloromethane	7.428	49	50130	46.814	ug/l	100
29) Tetrahydrofuran	7.446	42	60036	244.366	ug/l	100
30) Chloroform	7.599	83	170593	46.715	ug/l	100
31) Cyclohexane	7.875	56	111777	44.525	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	144484	46.249	ug/l	100
36) 1,1-Dichloropropene	8.005	75	115982	52.532	ug/l	100
37) Ethyl Acetate	7.169	43	44550	51.563	ug/l	100
38) Carbon Tetrachloride	7.993	117	112780	54.604	ug/l	100
39) Methylcyclohexane	9.275	83	111498	49.604	ug/l	100
40) Benzene	8.252	78	356711	53.793	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23843	53.232	ug/l	100
42) 1,2-Dichloroethane	8.328	62	80126	50.358	ug/l	100
43) Isopropyl Acetate	8.363	43	73288	50.568	ug/l	100
44) Trichloroethene	9.028	130	84989	48.974	ug/l	100
45) 1,2-Dichloropropane	9.304	63	77692	51.678	ug/l	100
46) Dibromomethane	9.393	93	41639	50.980	ug/l	100
47) Bromodichloromethane	9.587	83	106333	51.285	ug/l	100
48) Methyl methacrylate	9.381	41	33116	52.051	ug/l	100
49) 1,4-Dioxane	9.387	88	10103	1105.074	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	199647	275.603	ug/l	100
52) Toluene	10.334	92	203678	51.986	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	101041	52.874	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	120865	52.134	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	61496	51.562	ug/l	100
56) Ethyl methacrylate	10.599	69	71950	54.952	ug/l	100
57) 1,3-Dichloropropane	10.881	76	99873	51.692	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	142437	267.707	ug/l	100
59) 2-Hexanone	10.922	43	146941	278.531	ug/l	100
60) Dibromochloromethane	11.075	129	72546	52.075	ug/l	100
61) 1,2-Dibromoethane	11.181	107	55476	51.529	ug/l	100
64) Tetrachloroethene	10.810	164	67399	47.622	ug/l	100
65) Chlorobenzene	11.610	112	219059	49.007	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	79478	50.582	ug/l	100
67) Ethyl Benzene	11.687	91	389958	50.495	ug/l	100
68) m/p-Xylenes	11.793	106	306639	101.187	ug/l	100
69) o-Xylene	12.122	106	143417	49.960	ug/l	100
70) Styrene	12.134	104	254874	51.658	ug/l	100
71) Bromoform	12.298	173	40706	50.401	ug/l #	100
73) Isopropylbenzene	12.422	105	384690	50.097	ug/l	100
74) N-amyl acetate	12.234	43	71770	53.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	68976	49.971	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	48556m	48.165	ug/l	
77) Bromobenzene	12.704	156	87295	49.966	ug/l	100
78) n-propylbenzene	12.763	91	472969	50.309	ug/l	100
79) 2-Chlorotoluene	12.851	91	257328	50.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	321054	50.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20334	51.251	ug/l	100
82) 4-Chlorotoluene	12.951	91	264870	49.875	ug/l	100
83) tert-Butylbenzene	13.169	119	276317	50.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	319521	50.766	ug/l	100
85) sec-Butylbenzene	13.345	105	427269	50.224	ug/l	100
86) p-Isopropyltoluene	13.463	119	357016	50.363	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	179578	48.632	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	176033	48.303	ug/l	100
89) n-Butylbenzene	13.792	91	335128	50.569	ug/l	100
90) Hexachloroethane	14.057	117	61507	48.831	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	157046	49.827	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9327	51.015	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	96740	49.799	ug/l	100
94) Hexachlorobutadiene	15.204	225	48845	48.829	ug/l	100
95) Naphthalene	15.334	128	187739	51.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	81580	49.514	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

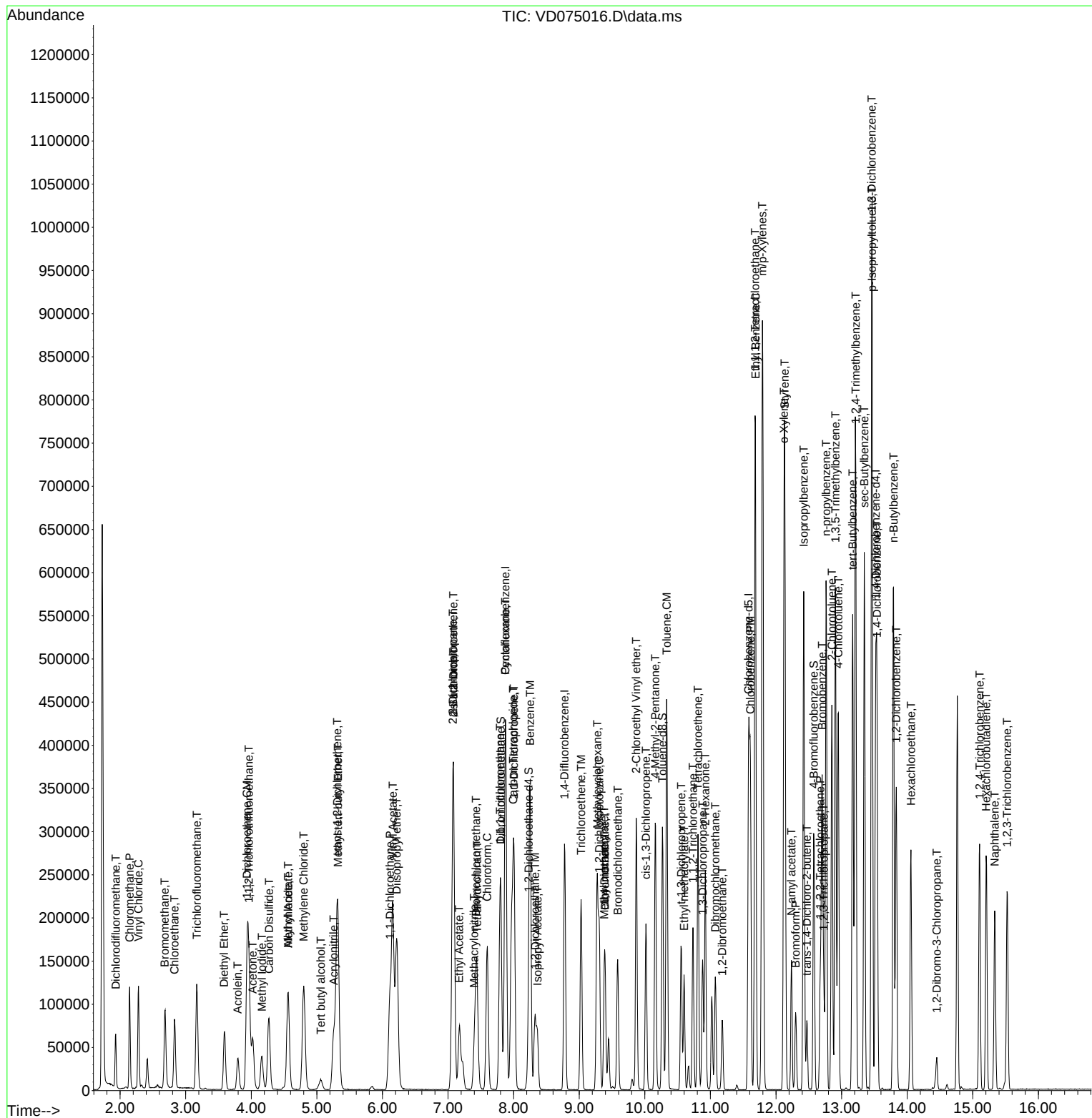
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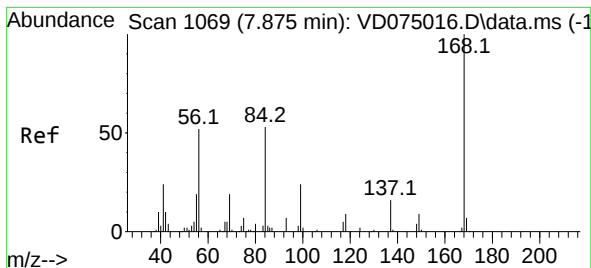
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Manual Integrations APPROVED

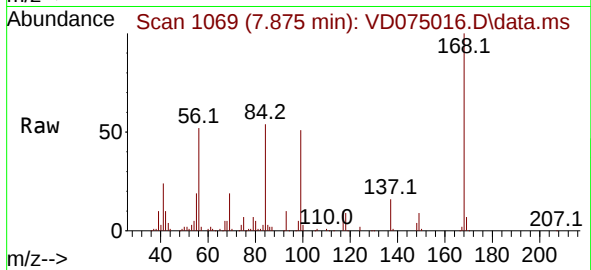
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

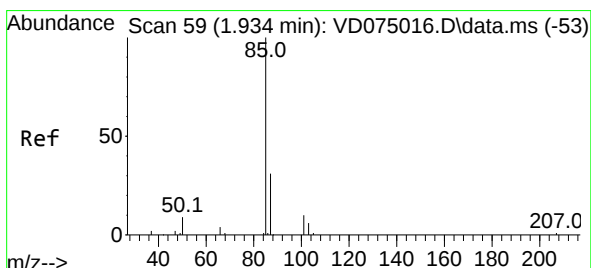
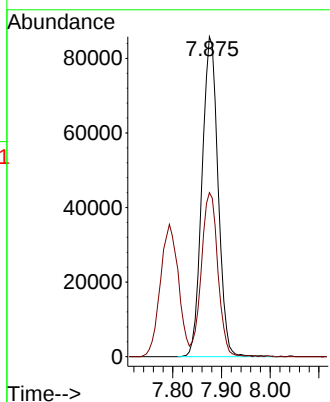
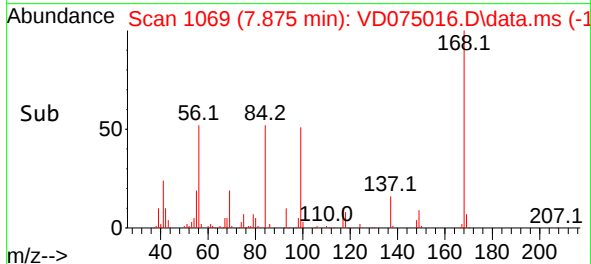
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 19623
Ion Ratio Lower Upper
168 100
99 51.2 41.0 61.4

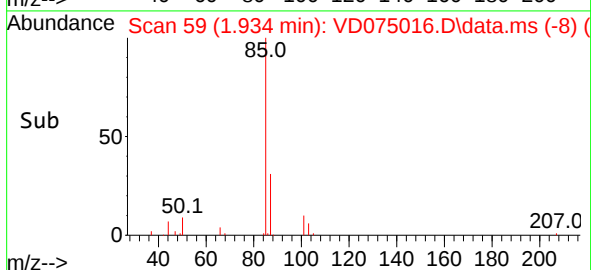
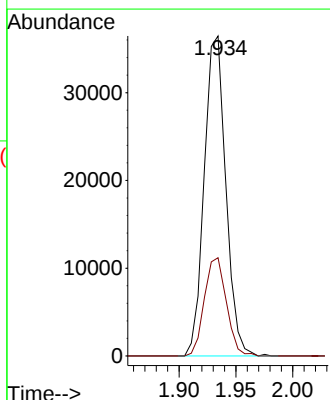
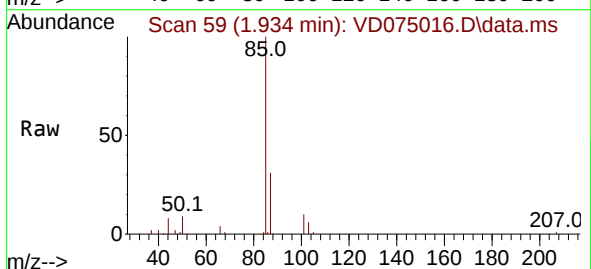
Manual Integrations
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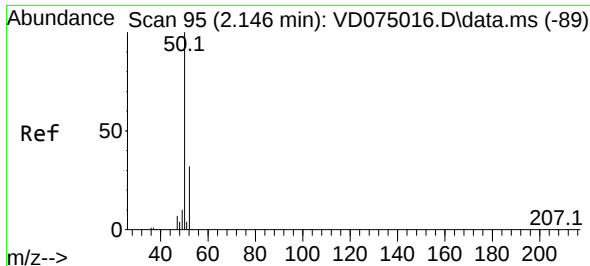
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 41.749 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

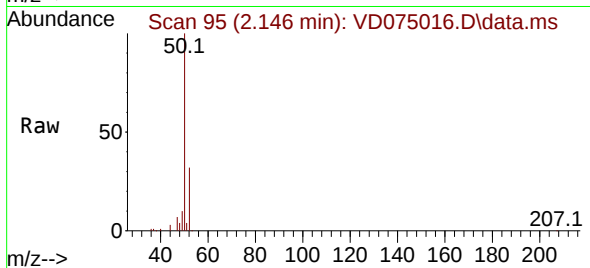
Tgt Ion: 85 Resp: 48212
Ion Ratio Lower Upper
85 100
87 30.7 15.4 46.1





#3
Chloromethane
Concen: 44.295 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

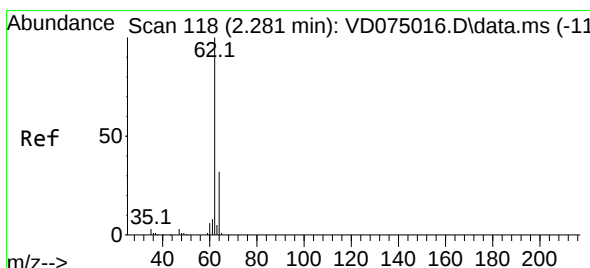
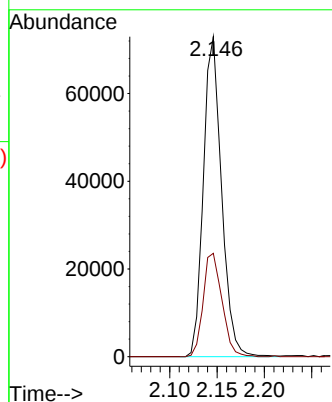
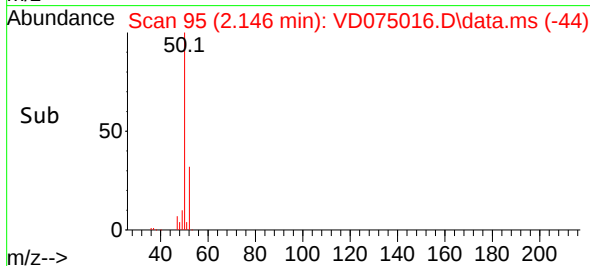
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 9722
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8

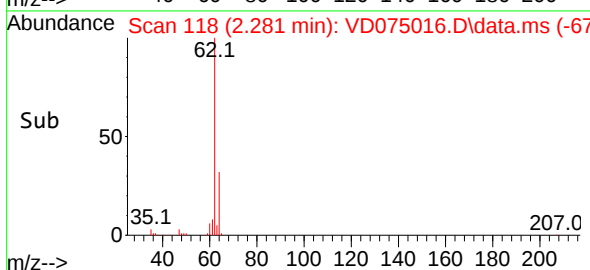
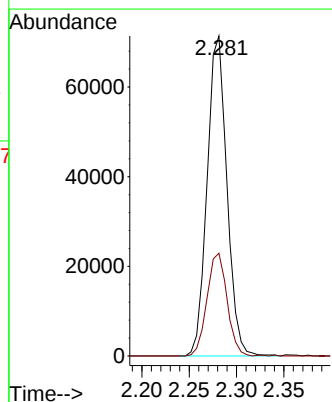
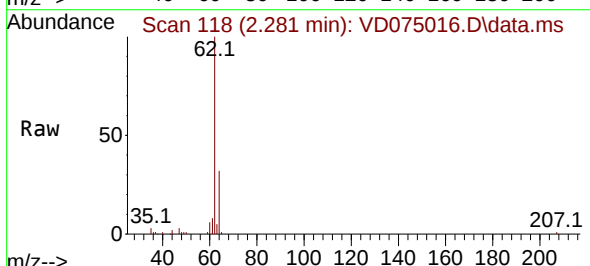
Manual Integrations
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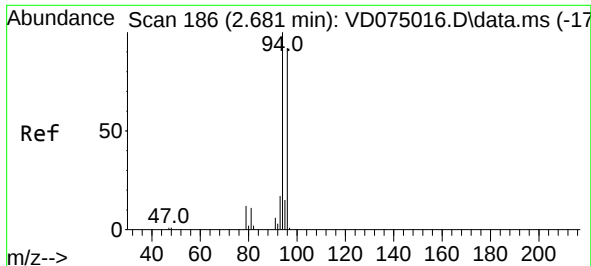
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 43.697 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

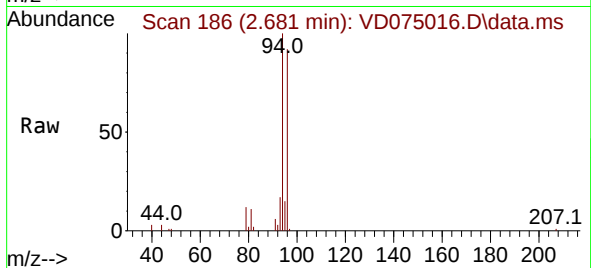
Tgt Ion: 62 Resp: 103744
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5
Bromomethane
Concen: 40.514 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

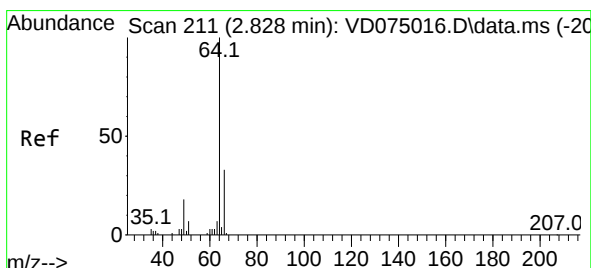
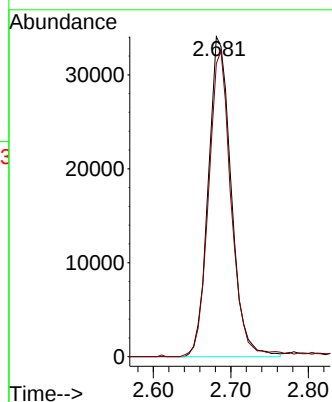
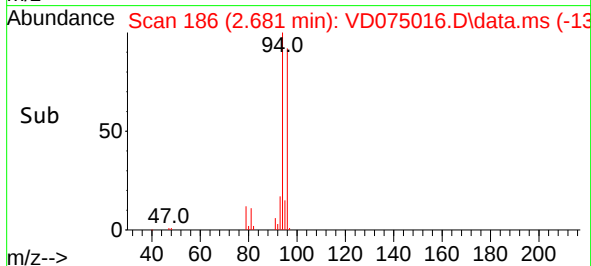
Instrument :
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Tgt Ion: 94 Resp: 69815
Ion Ratio Lower Upper
94 100
96 95.2 76.2 114.2

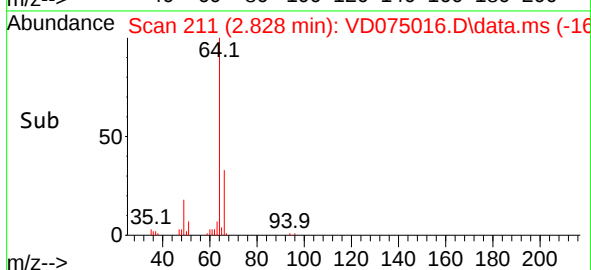
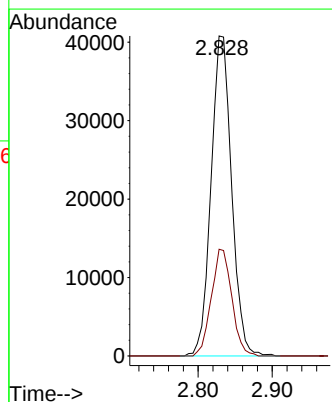
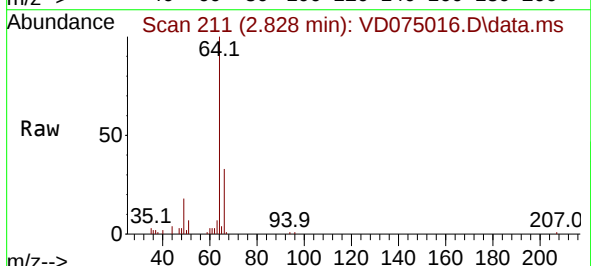
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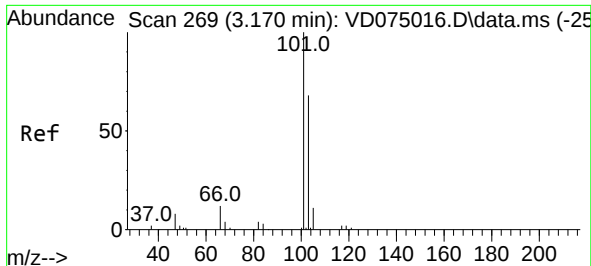
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#6
Chloroethane
Concen: 44.764 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

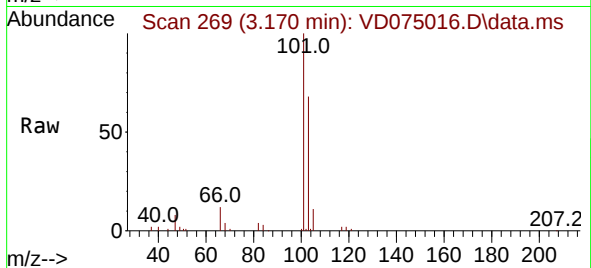
Tgt Ion: 64 Resp: 78615
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 43.350 ug/l
 RT: 3.170 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01

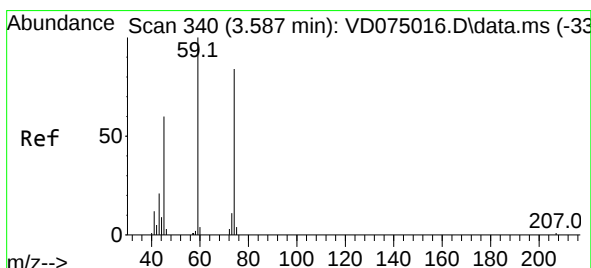
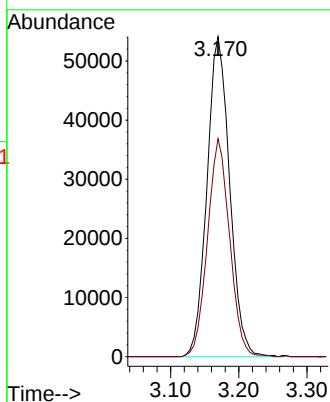
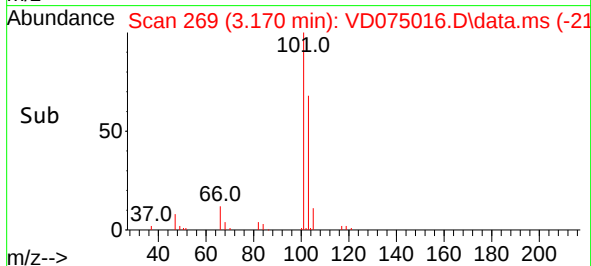
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Tgt Ion: 101 Resp: 12532
 Ion Ratio Lower Upper
 101 100
 103 68.1 54.5 81.7

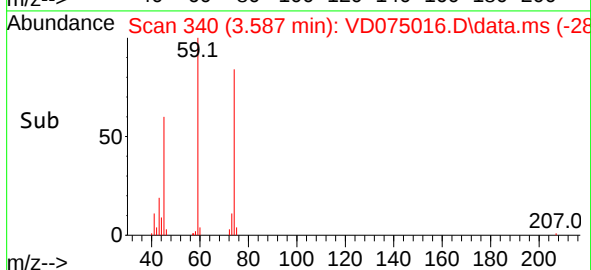
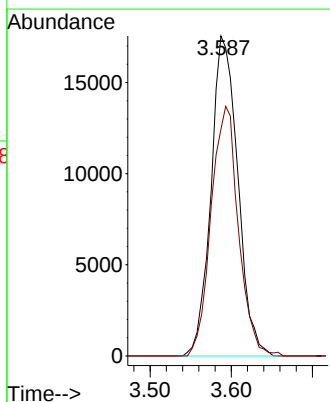
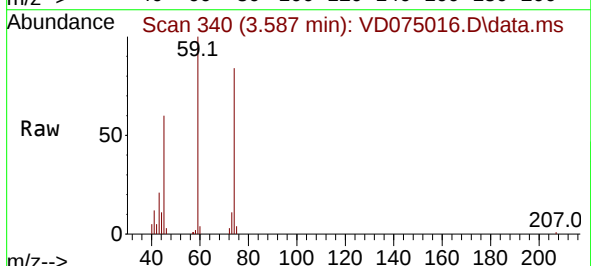
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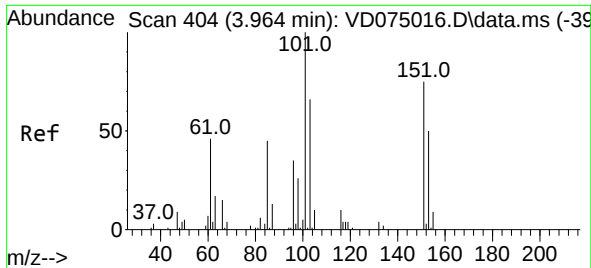
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#8
 Diethyl Ether
 Concen: 46.515 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01

Tgt Ion: 74 Resp: 40197
 Ion Ratio Lower Upper
 74 100
 45 79.6 39.8 119.4





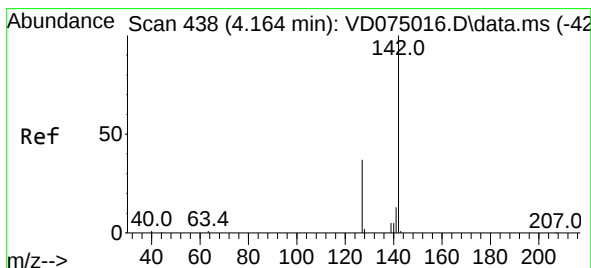
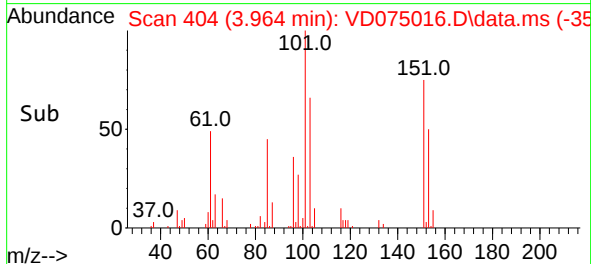
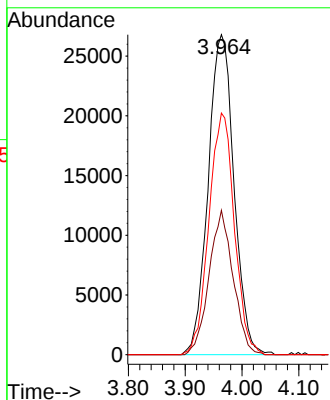
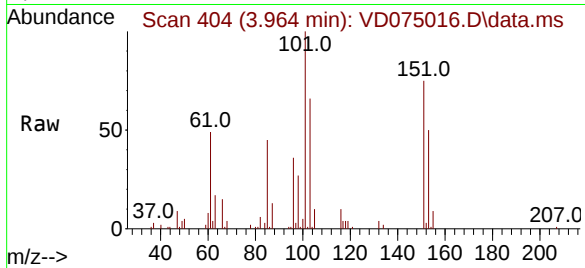
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.982 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
Client Sample Id :
VSTDICCC050

Tgt Ion:101 Resp: 84730
Ion Ratio Lower Upper
101 100
85 42.0 33.6 50.4
151 74.3 59.4 89.2

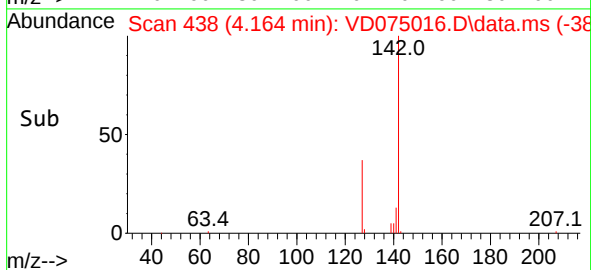
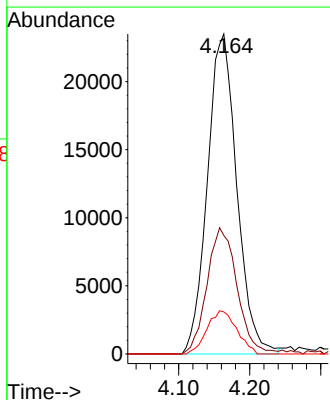
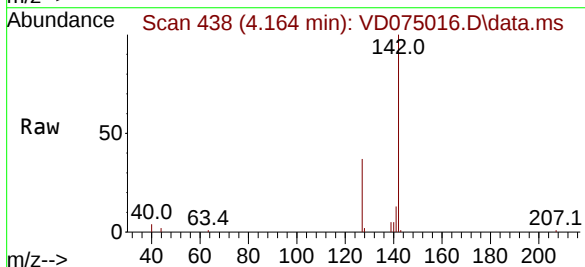
Manual Integrations
APPROVED

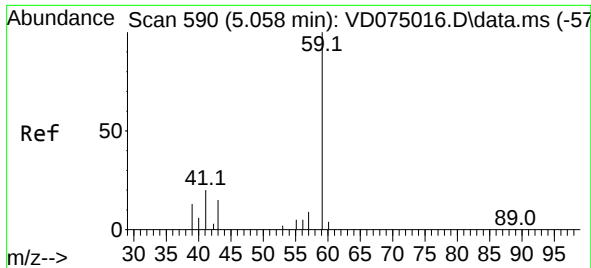
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 45.994 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion:142 Resp: 67575
Ion Ratio Lower Upper
142 100
127 40.2 32.2 48.2
141 13.6 10.9 16.3





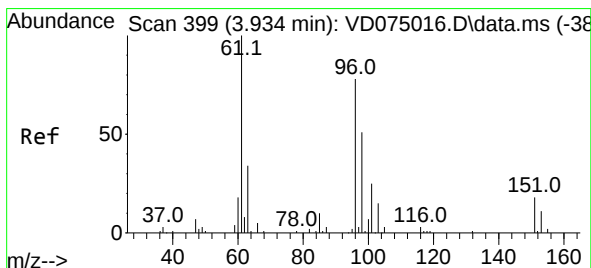
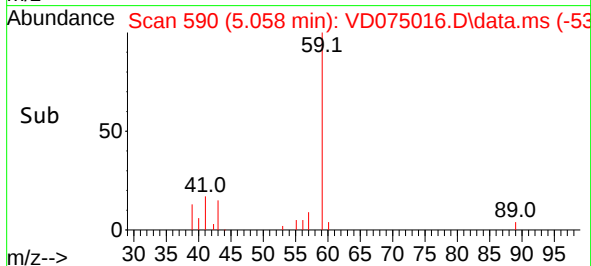
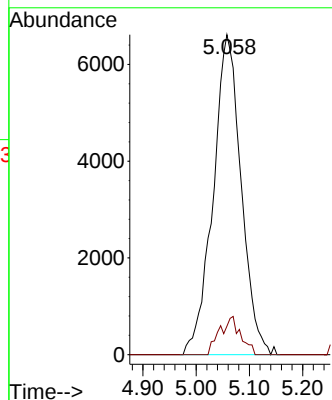
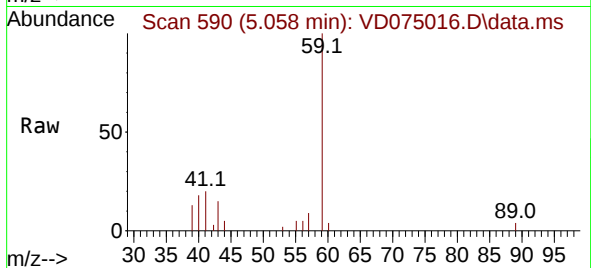
#11
Tert butyl alcohol
Concen: 228.042 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 2424
Ion Ratio Lower Upper
59 100
57 8.8 7.0 10.6

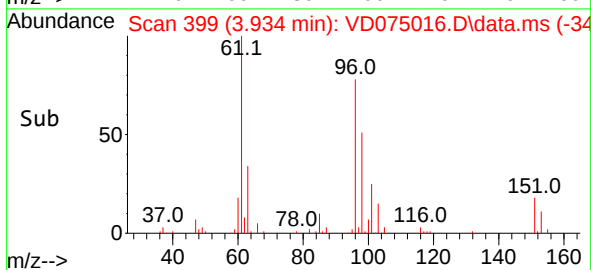
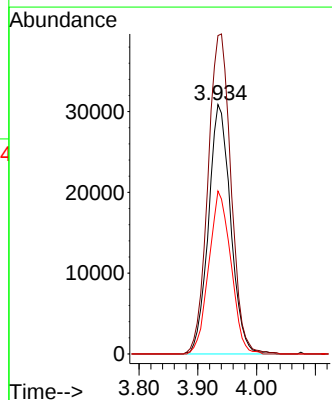
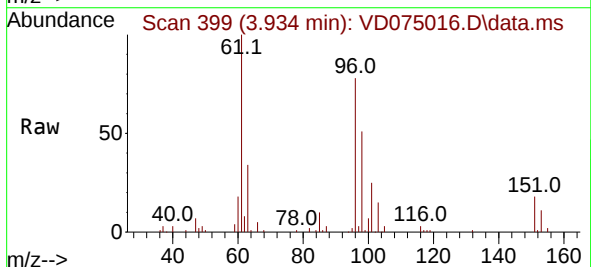
Manual Integrations
APPROVED

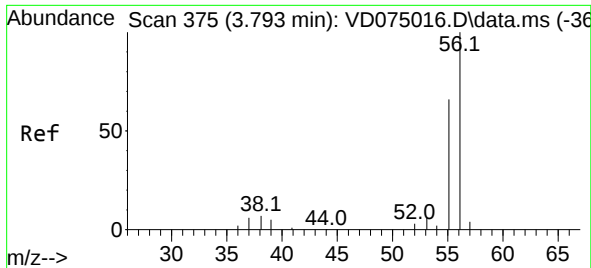
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 44.749 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

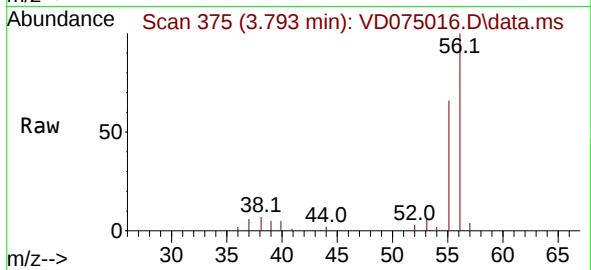
Tgt Ion: 96 Resp: 80749
Ion Ratio Lower Upper
96 100
61 127.6 102.1 153.1
98 65.3 52.2 78.4





#13
Acrolein
Concen: 235.198 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

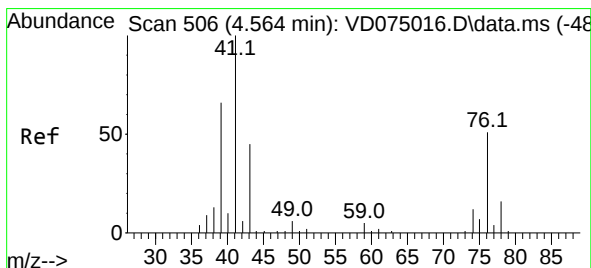
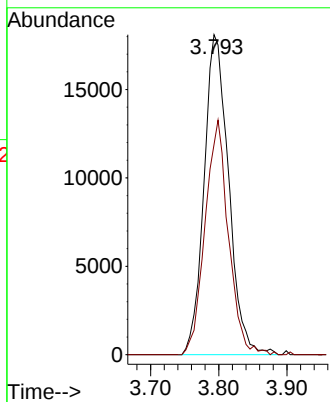
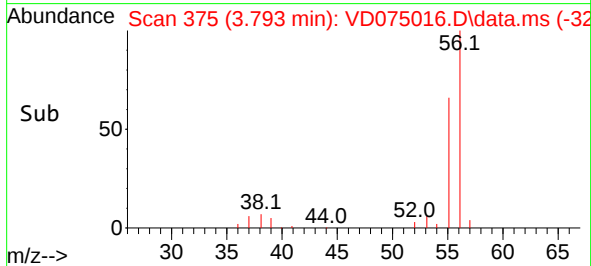
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



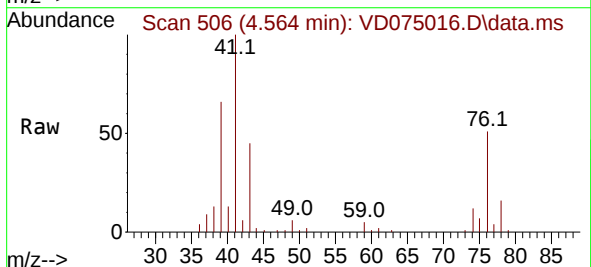
Tgt Ion: 56 Resp: 4547
Ion Ratio Lower Upper
56 100
55 69.9 55.9 83.9

Manual Integrations
APPROVED

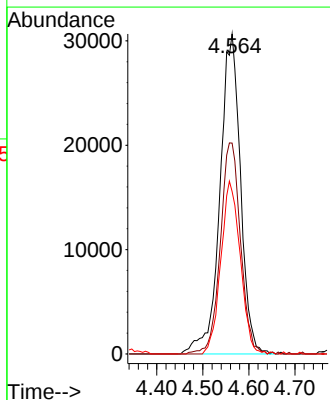
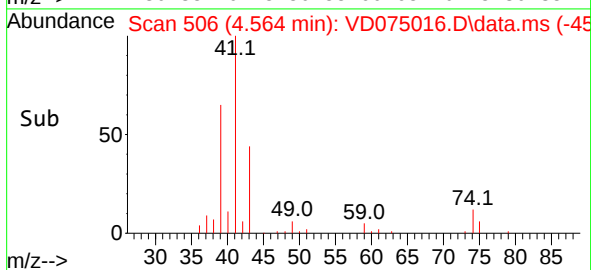
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

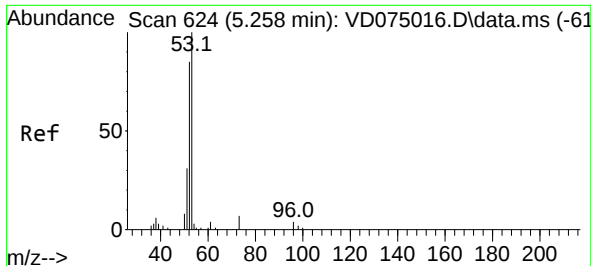


#14
Allyl chloride
Concen: 45.963 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01



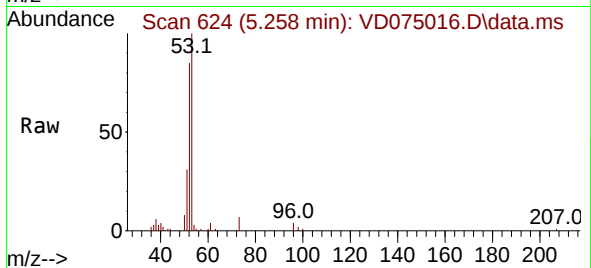
Tgt Ion: 41 Resp: 94792
Ion Ratio Lower Upper
41 100
39 64.6 51.7 77.5
76 50.9 40.7 61.1





#15
Acrylonitrile
Concen: 239.727 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

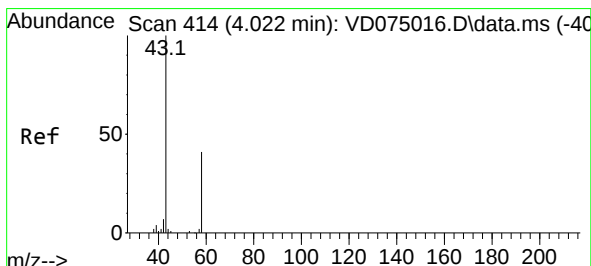
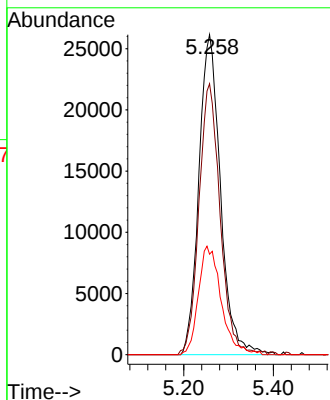
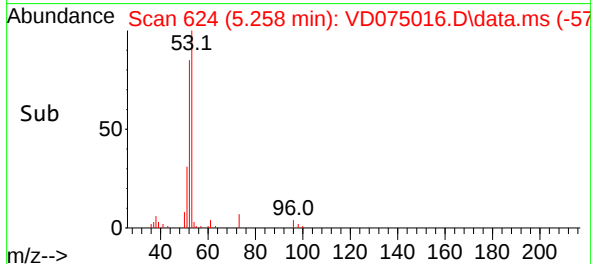
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 8742
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 35.5 28.4 42.6

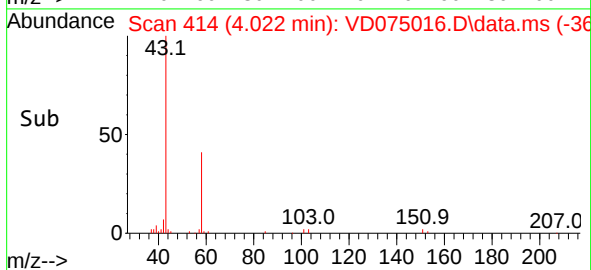
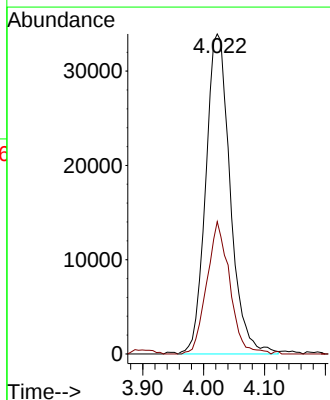
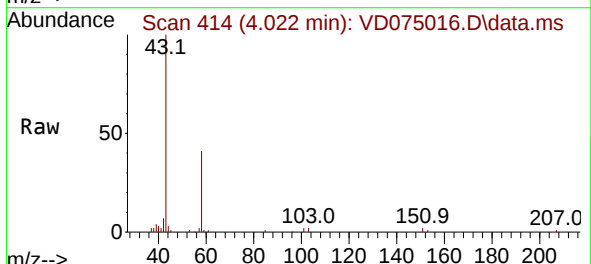
Manual Integrations
APPROVED

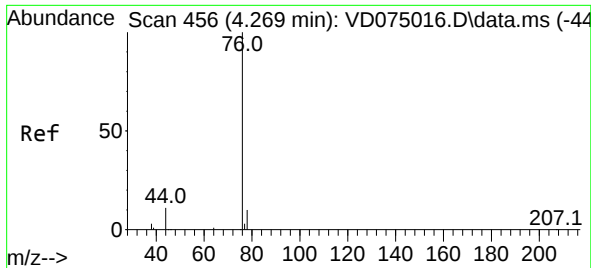
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 260.316 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

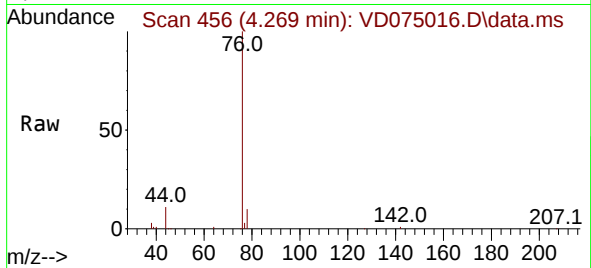
Tgt Ion: 43 Resp: 94867
Ion Ratio Lower Upper
43 100
58 41.3 33.0 49.6





#17
Carbon Disulfide
Concen: 43.839 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

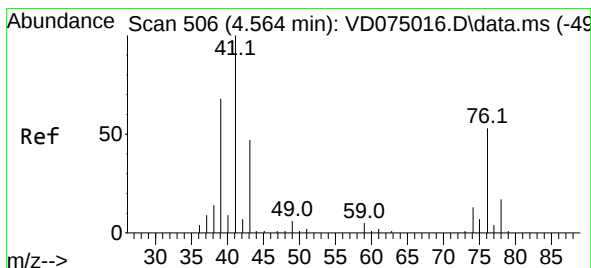
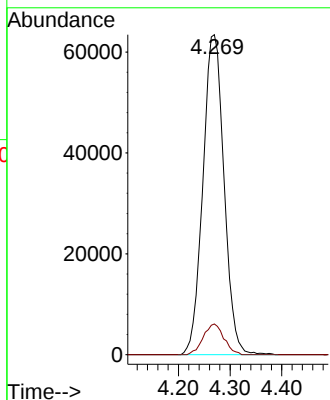
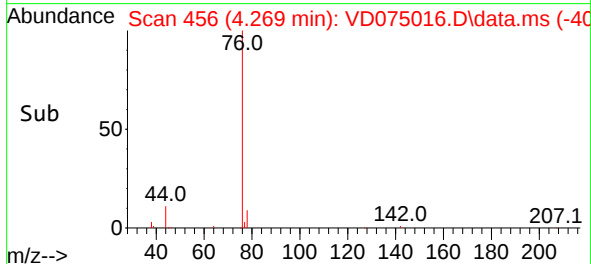
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 180285
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

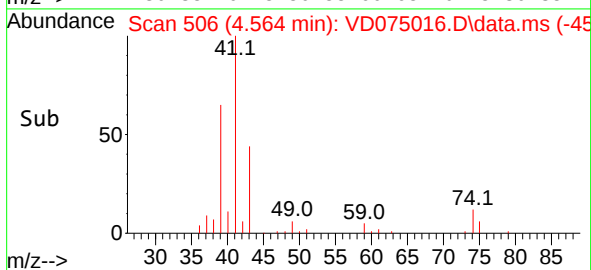
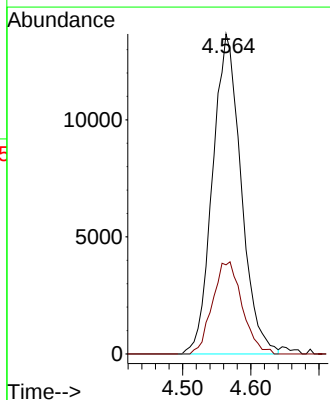
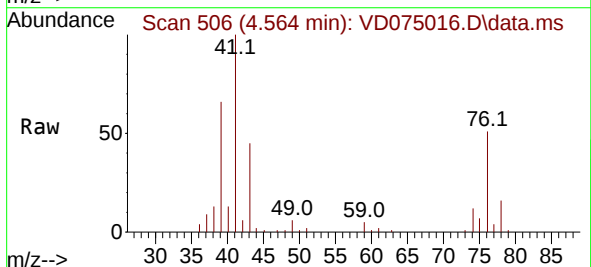
Manual Integrations
APPROVED

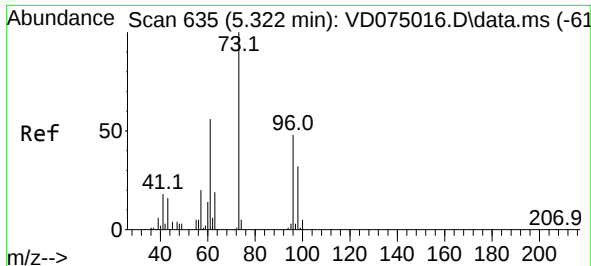
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 39.642 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 43 Resp: 39833
Ion Ratio Lower Upper
43 100
74 29.9 23.9 35.9





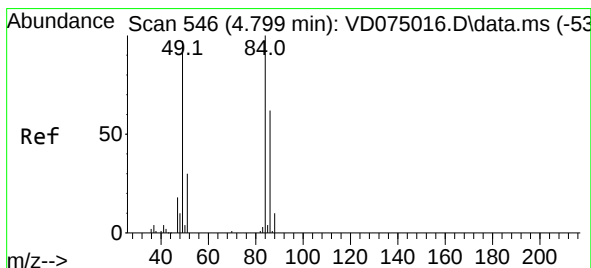
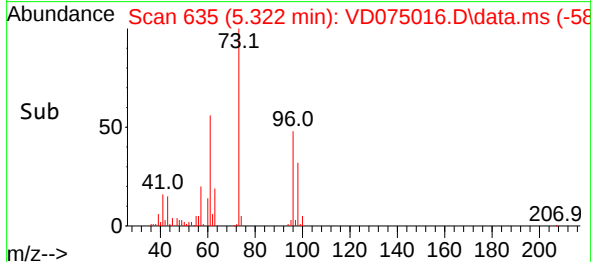
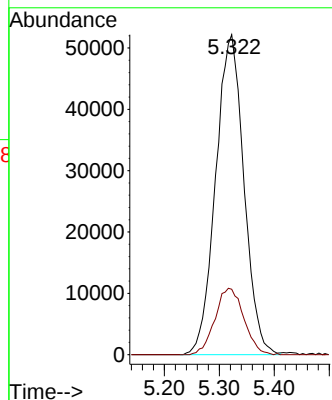
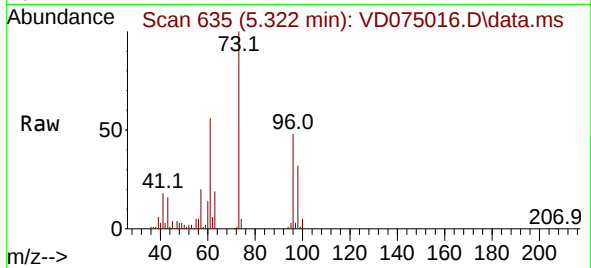
#19
Methyl tert-butyl Ether
Concen: 48.452 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 185980
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6

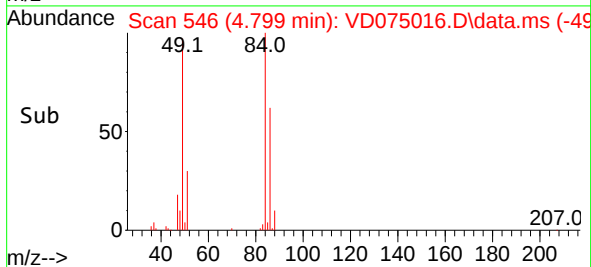
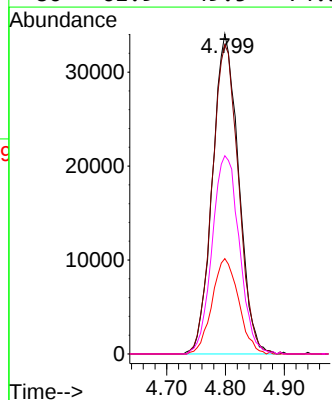
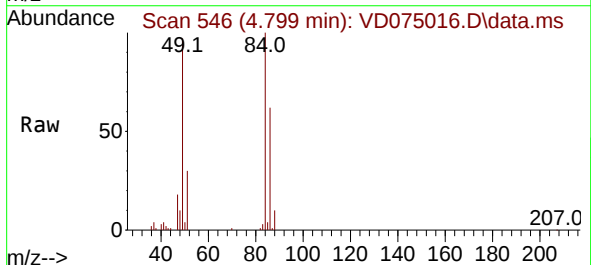
Manual Integrations
APPROVED

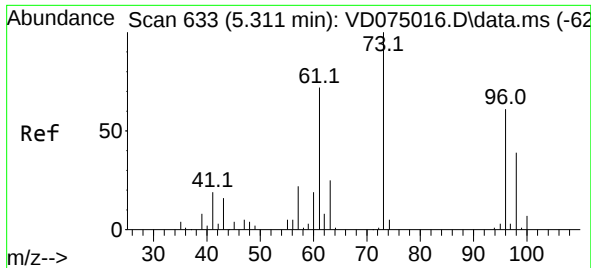
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 37.340 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

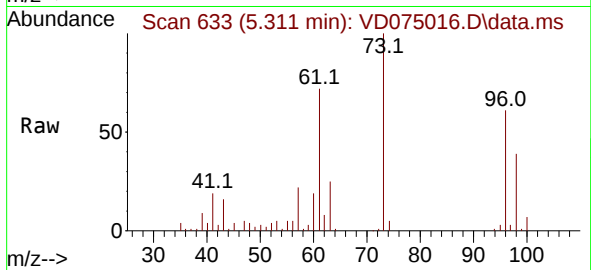
Tgt Ion: 84 Resp: 105006
Ion Ratio Lower Upper
84 100
49 96.6 77.3 115.9
51 29.8 23.8 35.8
86 61.9 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 46.293 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

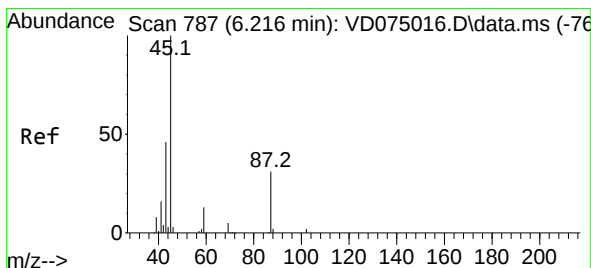
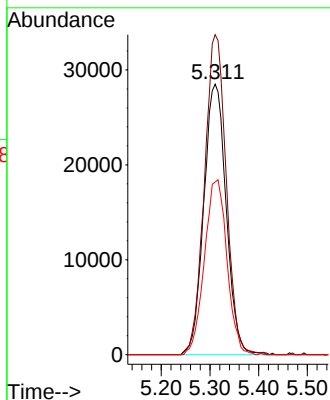
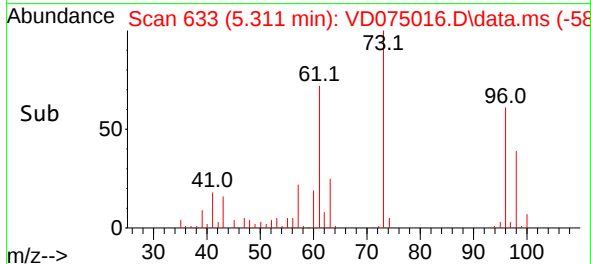
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 91085
Ion Ratio Lower Upper
96 100
61 118.3 94.6 142.0
98 63.8 51.0 76.6

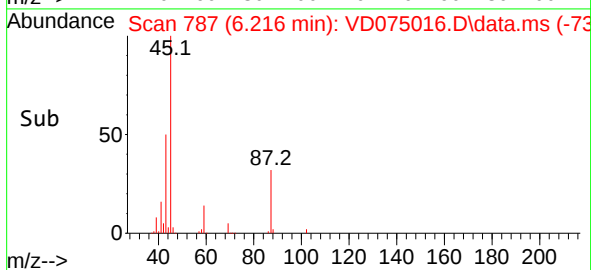
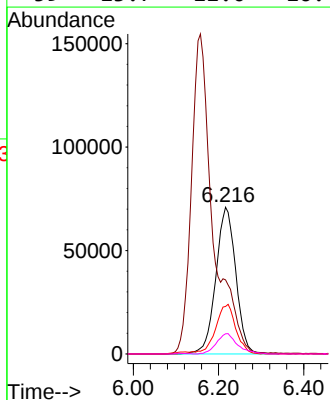
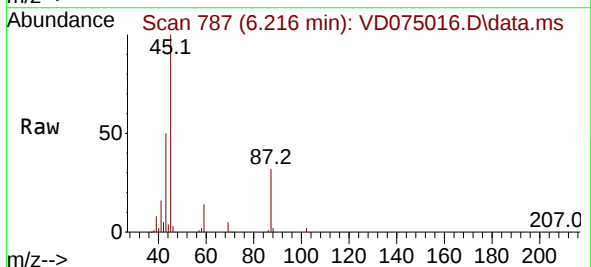
Manual Integrations
APPROVED

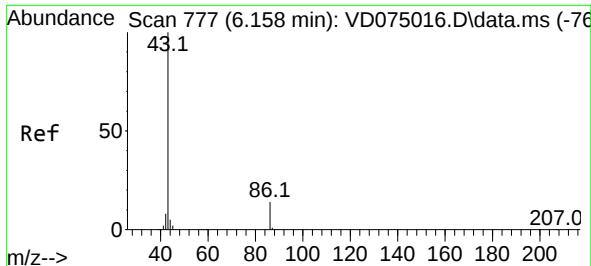
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 48.957 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

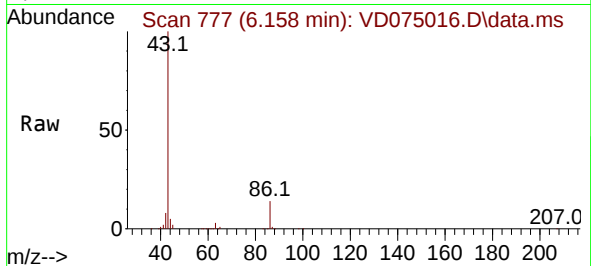
Tgt Ion: 45 Resp: 231010
Ion Ratio Lower Upper
45 100
43 50.0 40.0 60.0
87 32.3 25.8 38.8
59 13.7 11.0 16.4





#23
 Vinyl Acetate
 Concen: 274.685 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01

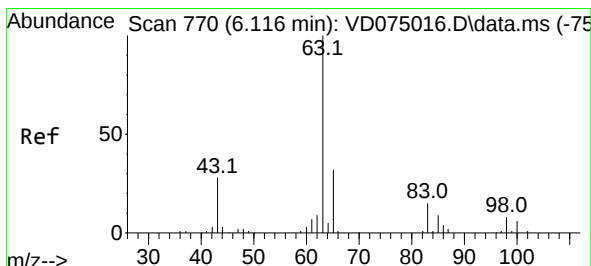
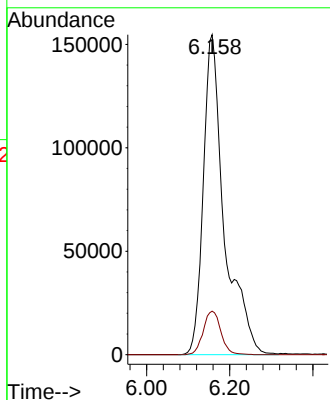
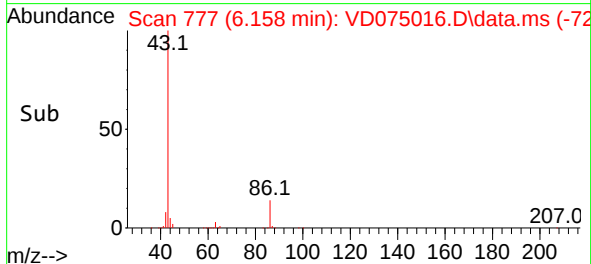
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



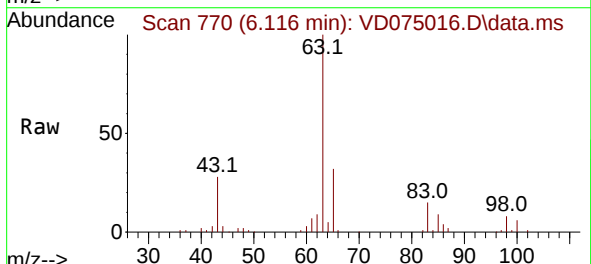
Tgt Ion: 43 Resp: 54384
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.9 16.3

Manual Integrations
 APPROVED

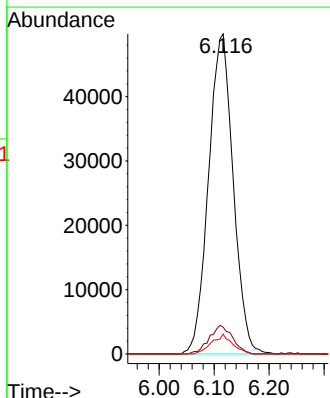
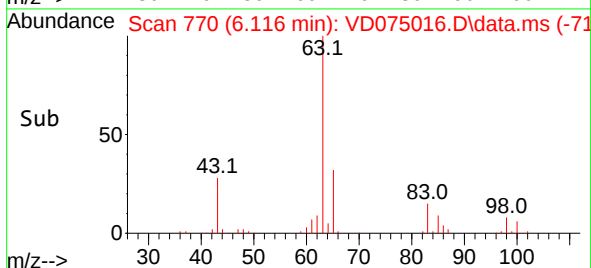
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

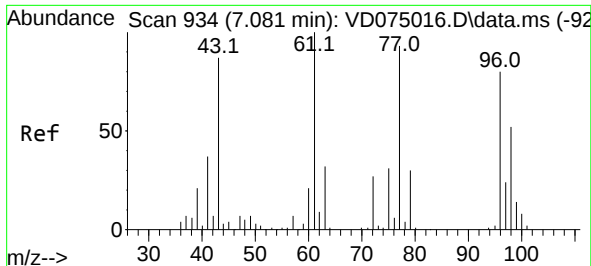


#24
 1,1-Dichloroethane
 Concen: 46.299 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01



Tgt Ion: 63 Resp: 155041
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.2 12.4
 100 6.2 3.1 9.3





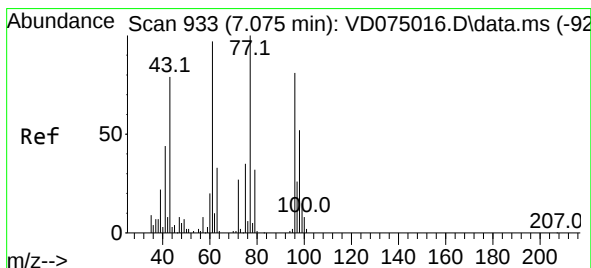
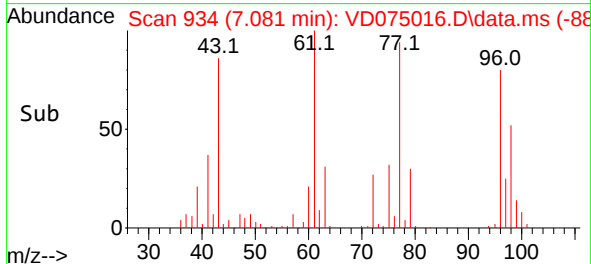
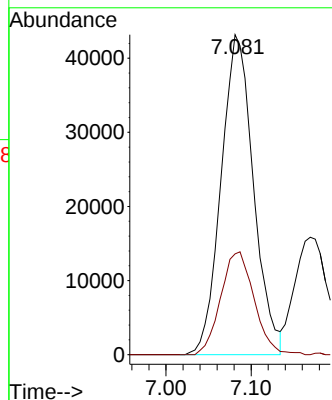
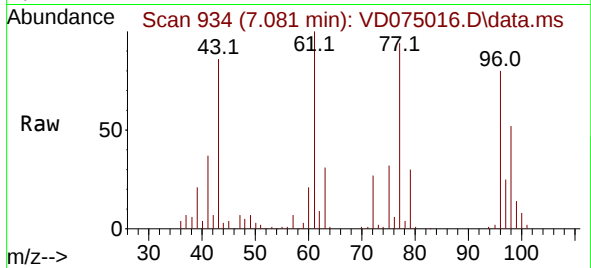
#25
2-Butanone
Concen: 248.670 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 114138
Ion Ratio Lower Upper
43 100
72 31.5 25.2 37.8

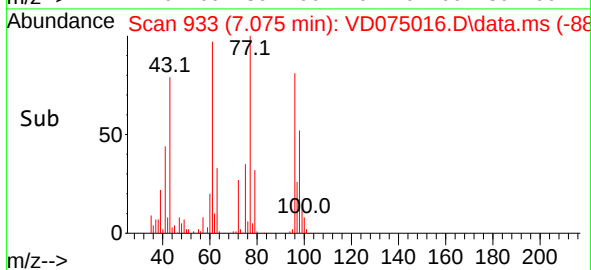
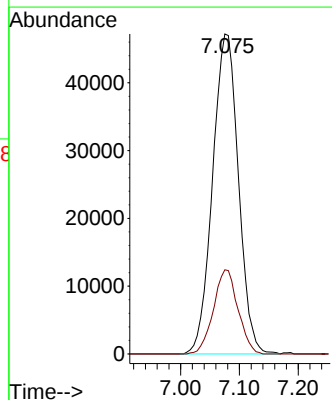
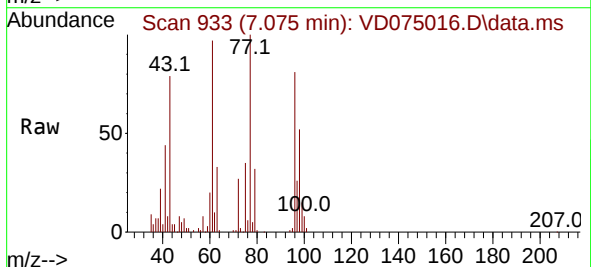
Manual Integrations
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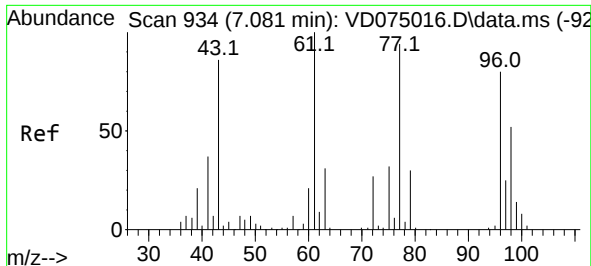
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#26
2,2-Dichloropropane
Concen: 45.767 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 77 Resp: 144034
Ion Ratio Lower Upper
77 100
97 24.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 46.732 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 108690

Ion Ratio Lower Upper

96 100

61 122.6 0.0 245.2

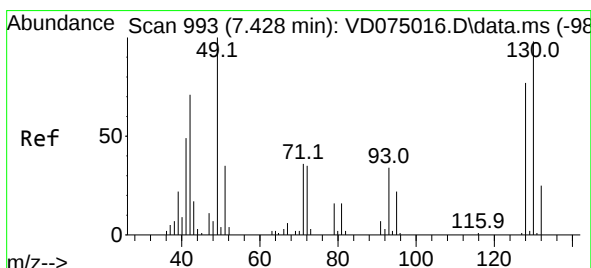
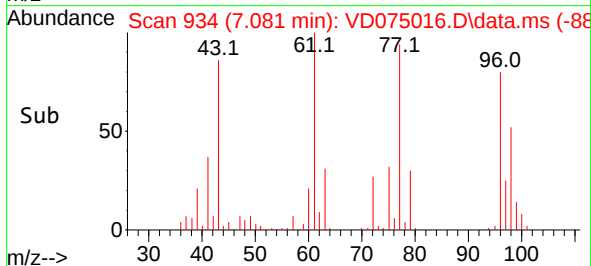
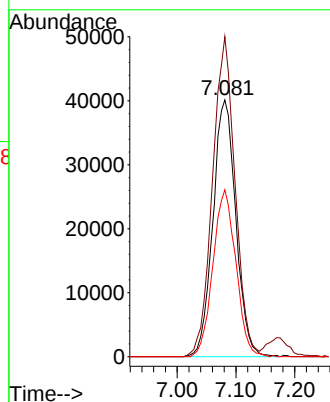
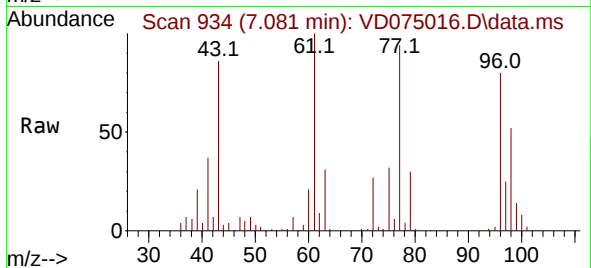
98 65.0 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 46.814 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

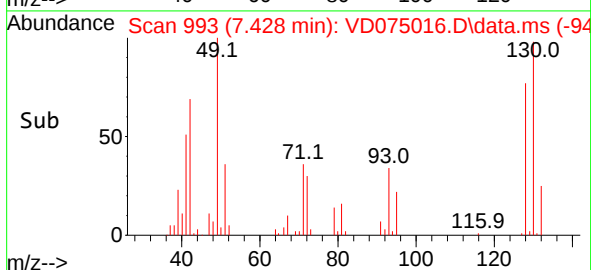
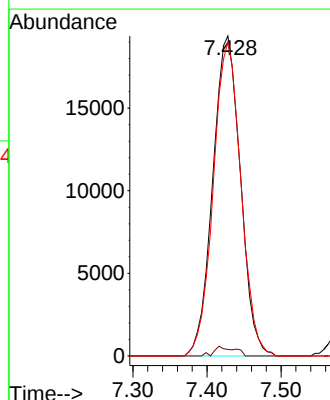
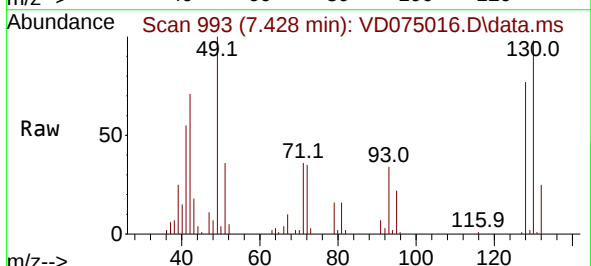
Tgt Ion: 49 Resp: 50130

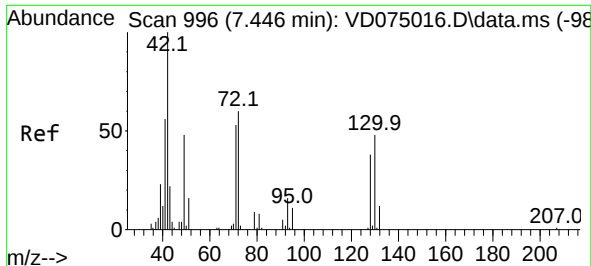
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 97.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 244.366 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 60030

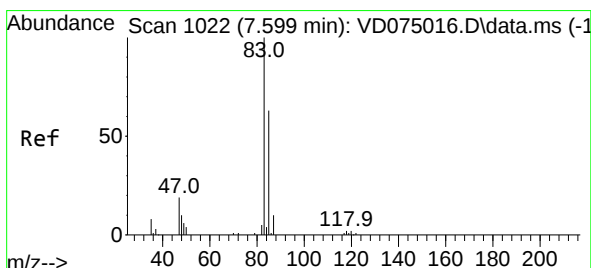
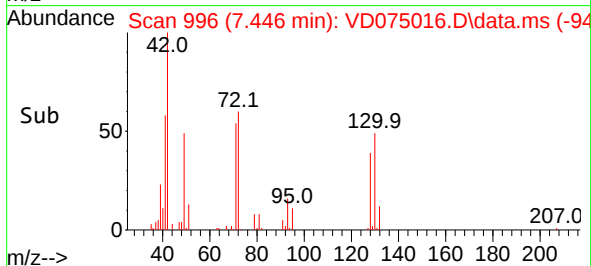
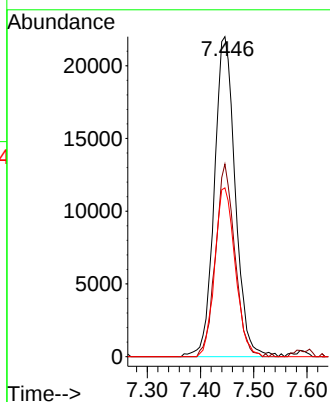
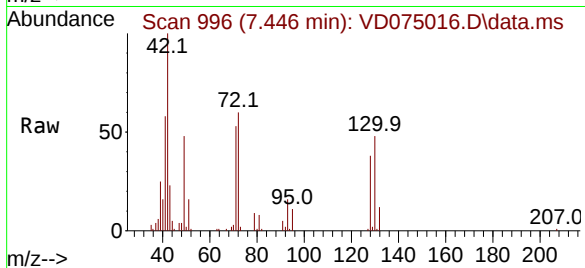
Ion	Ratio	Lower	Upper
42	100		
72	55.5	44.4	66.6
71	51.7	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 46.715 ug/l

RT: 7.599 min Scan# 1022

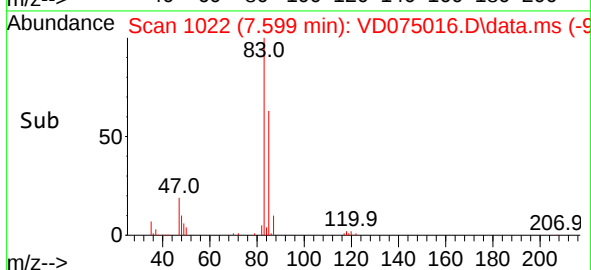
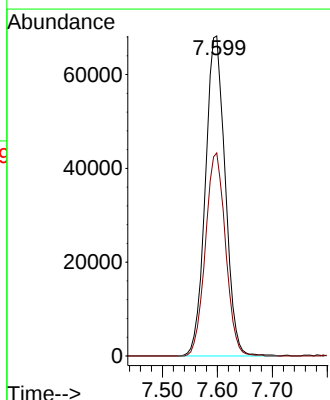
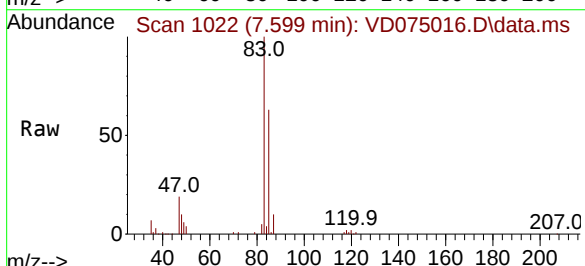
Delta R.T. 0.000 min

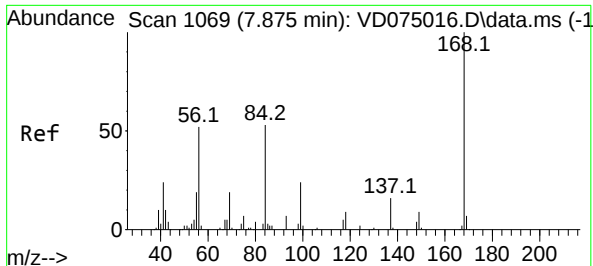
Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Tgt Ion: 83 Resp: 170593

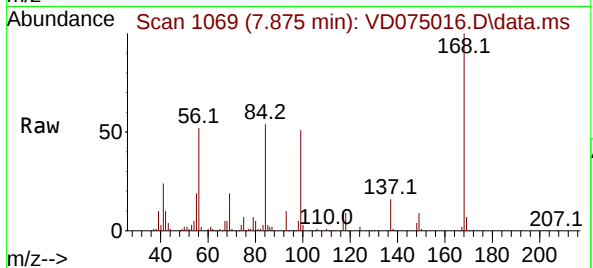
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2





#31
Cyclohexane
Concen: 44.525 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

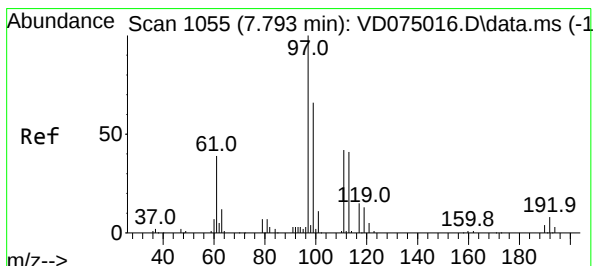
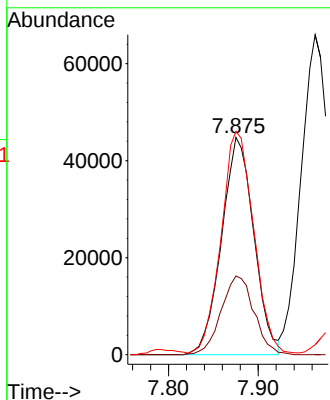
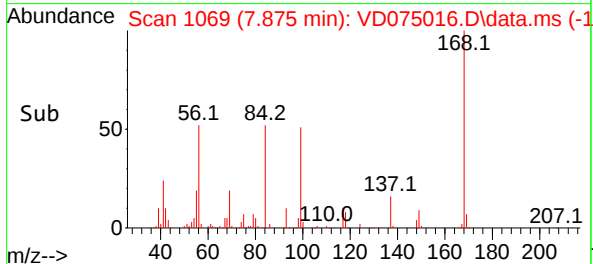
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 11177
Ion Ratio Lower Upper
56 100
69 36.3 29.0 43.6
84 101.3 81.0 121.6

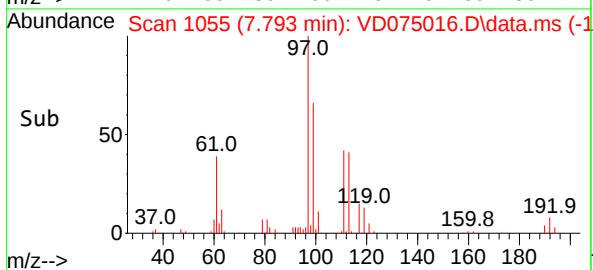
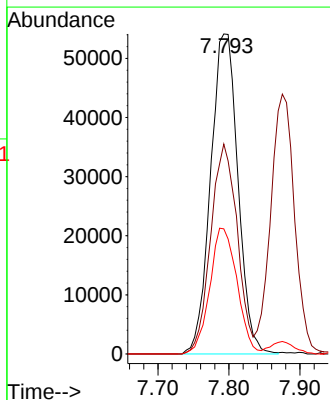
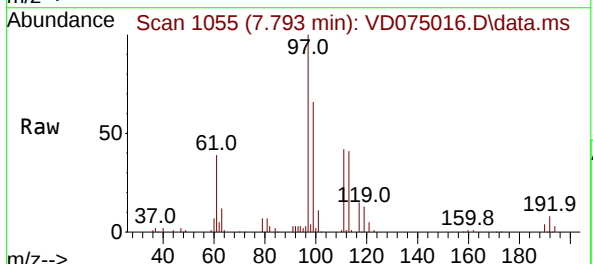
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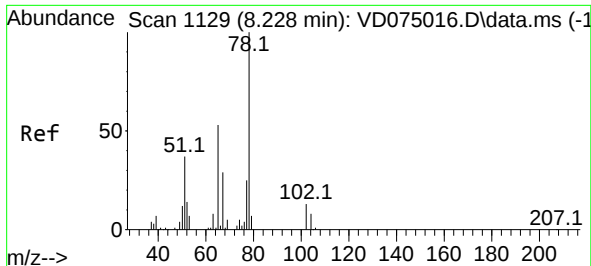
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#32
1,1,1-Trichloroethane
Concen: 46.249 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 97 Resp: 144484
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 39.2 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 41.419 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 5816

Ion Ratio Lower Upper

65 100

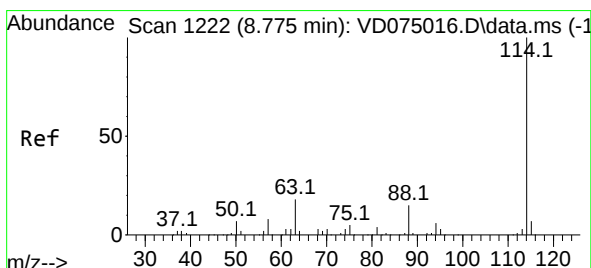
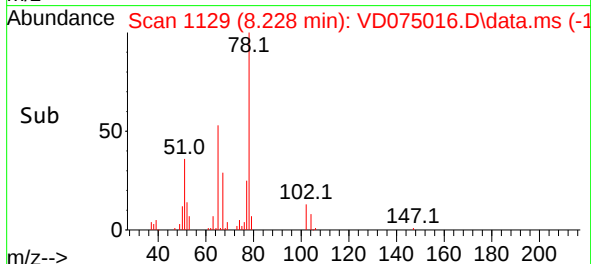
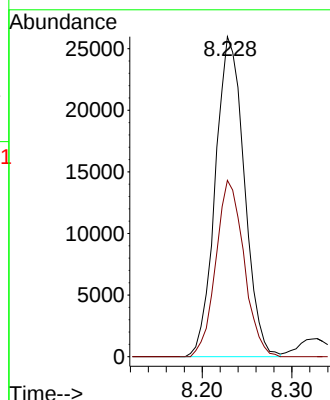
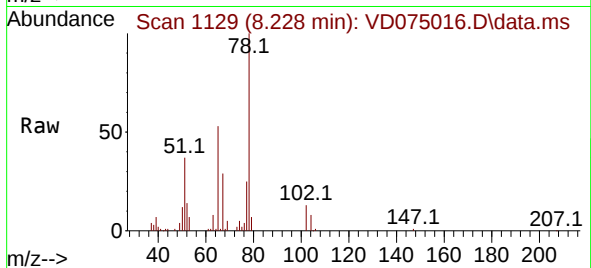
67 53.5 0.0 107.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

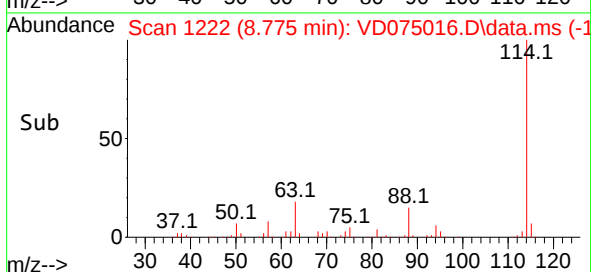
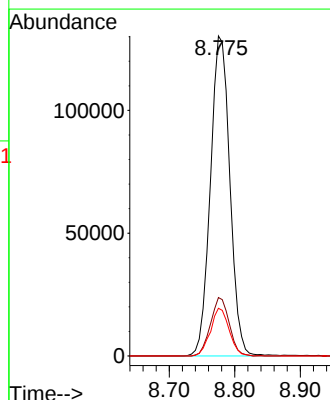
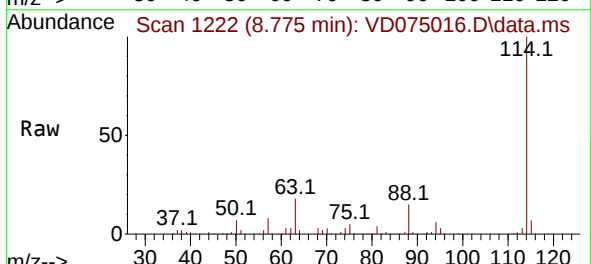
Tgt Ion:114 Resp: 268471

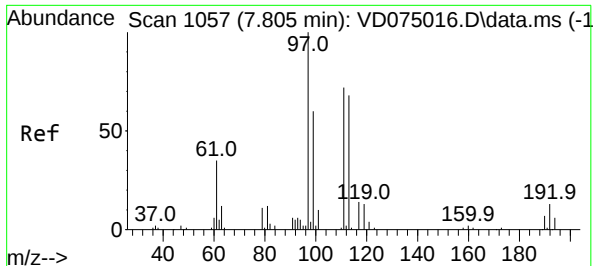
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 45.154 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

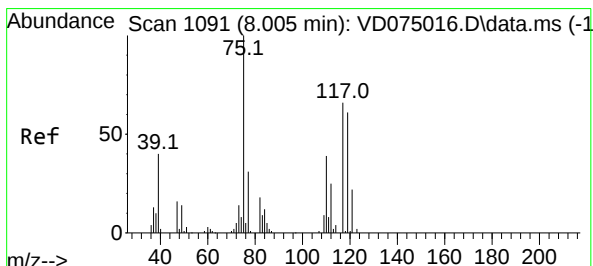
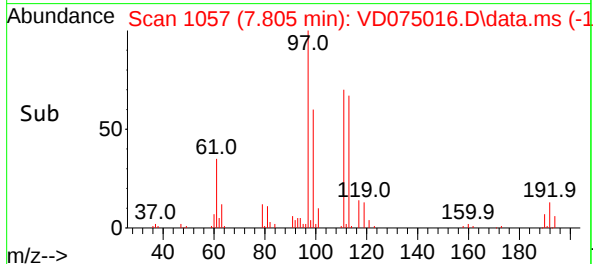
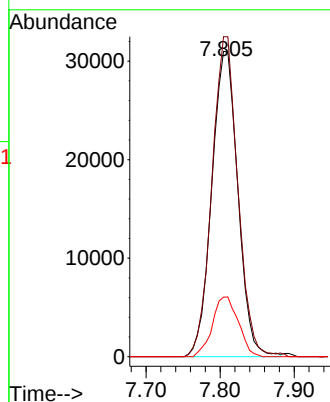
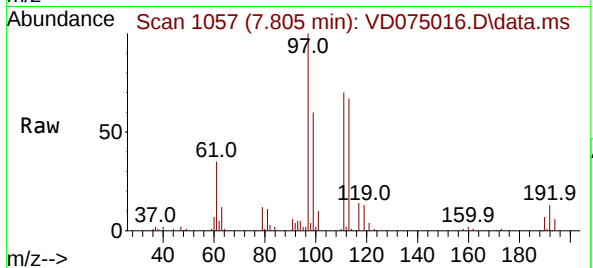
Tgt Ion:	113	Resp:	7587
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.0	124.6
192	19.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 52.532 ug/l

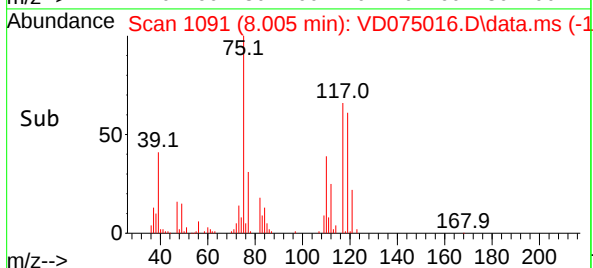
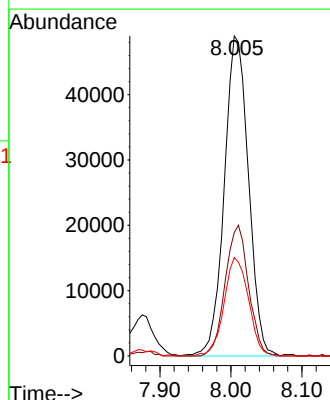
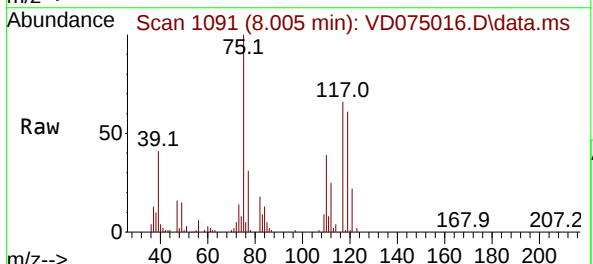
RT: 8.005 min Scan# 1091

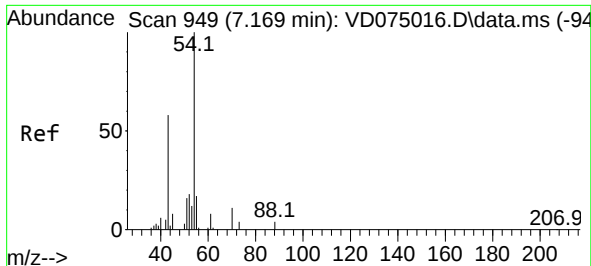
Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Tgt Ion:	75	Resp:	115982
Ion Ratio	Lower	Upper	
75	100		
110	39.4	19.7	59.1
77	31.0	24.8	37.2





#37

Ethyl Acetate

Concen: 51.563 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

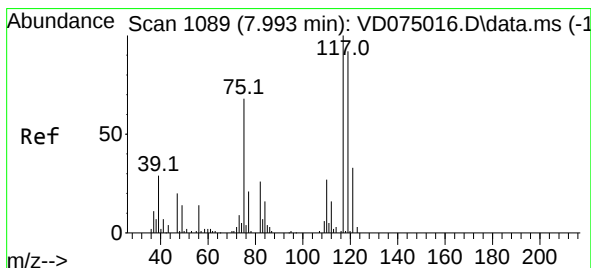
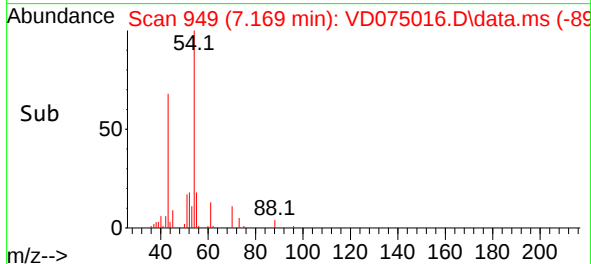
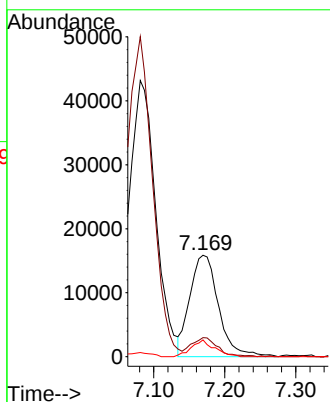
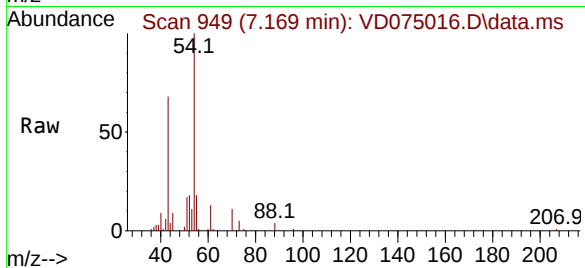
Tgt Ion: 43	Resp: 44550
Ion Ratio	Lower Upper
43 100	
61 17.3	13.8 20.8
70 13.2	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 54.604 ug/l

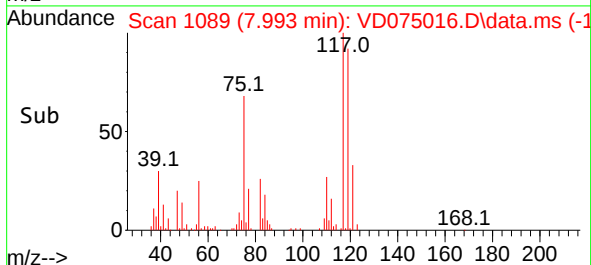
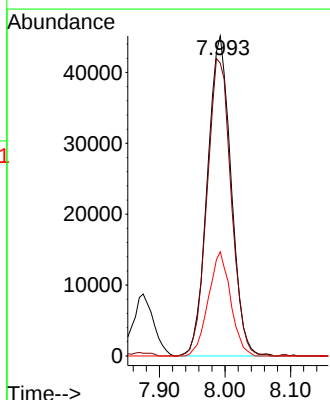
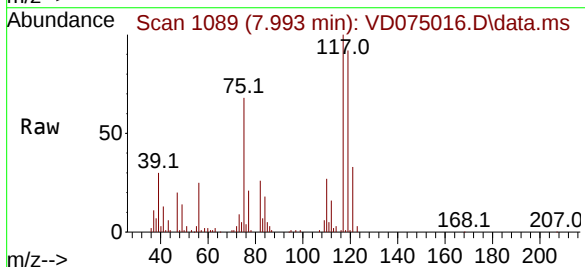
RT: 7.993 min Scan# 1089

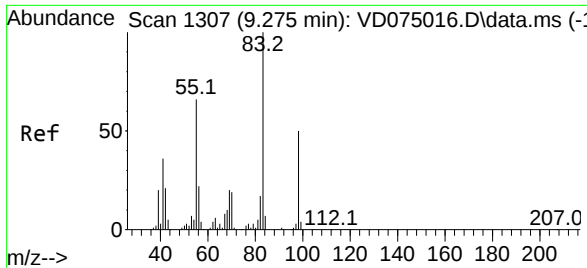
Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Tgt Ion:117	Resp: 112780
Ion Ratio	Lower Upper
117 100	
119 91.5	73.2 109.8
121 32.6	26.1 39.1





#39

Methylcyclohexane

Concen: 49.604 ug/l

RT: 9.275 min Scan# 111498

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

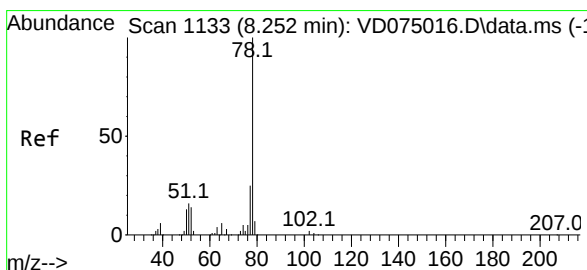
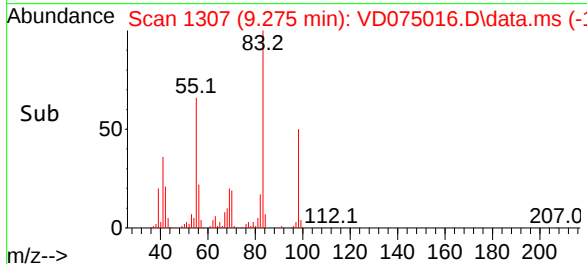
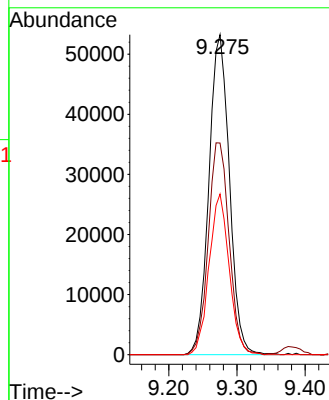
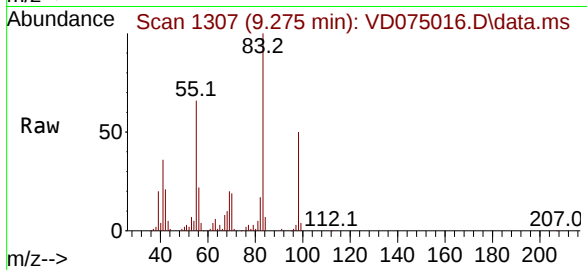
Tgt Ion:	83	Resp:	111498
Ion Ratio	Lower	Upper	
83	100		
55	66.1	52.9	79.3
98	50.2	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 53.793 ug/l

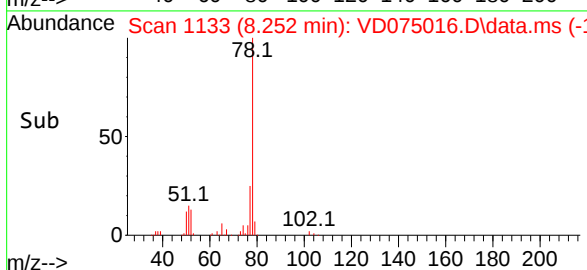
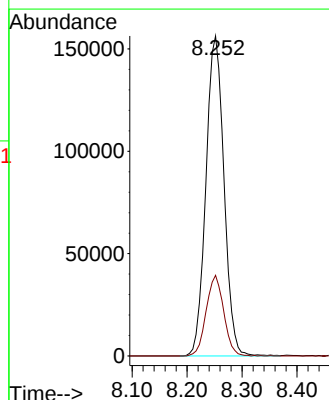
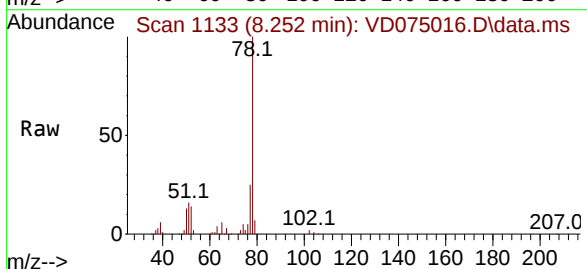
RT: 8.252 min Scan# 1133

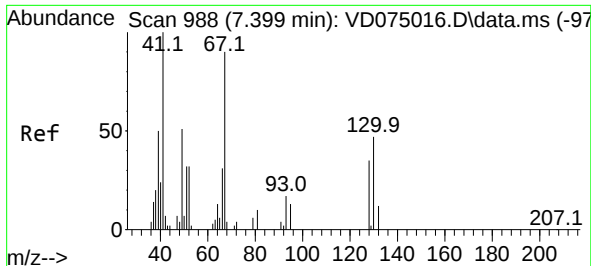
Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Tgt Ion:	78	Resp:	356711
Ion Ratio	Lower	Upper	
78	100		
77	25.2	20.2	30.2





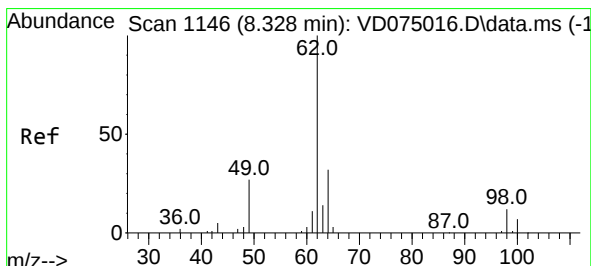
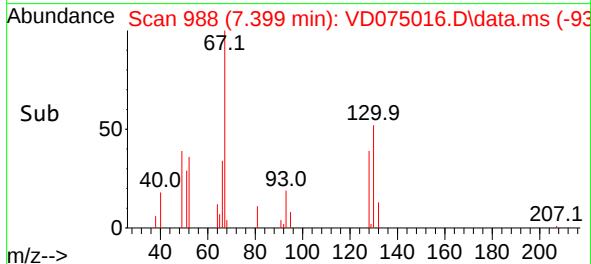
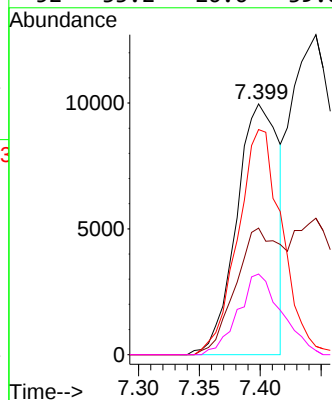
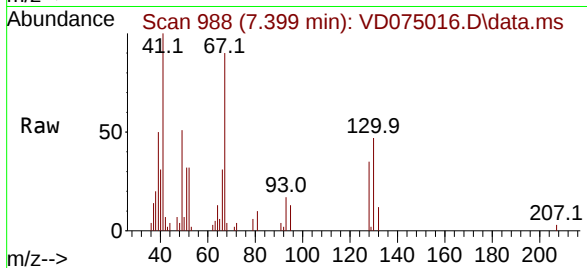
#41
Methacrylonitrile
Concen: 53.232 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 2384
Ion Ratio Lower Upper
41 100
39 57.4 45.9 68.9
67 95.0 76.0 114.0
52 33.2 26.6 39.8

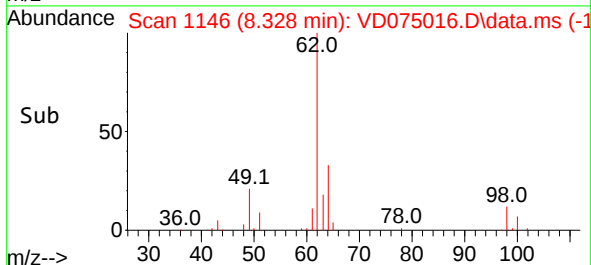
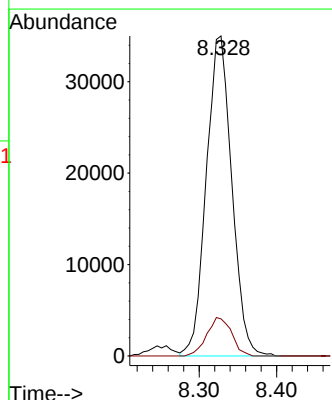
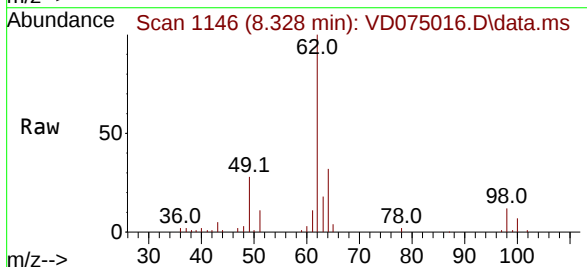
Manual Integrations
APPROVED

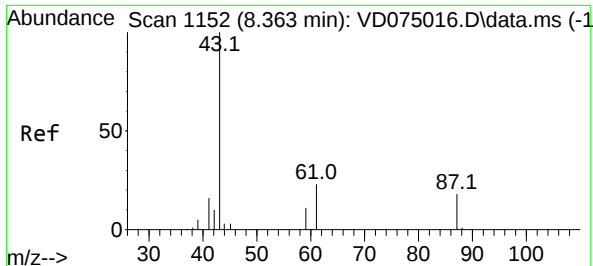
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 50.358 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 62 Resp: 80126
Ion Ratio Lower Upper
62 100
98 11.7 0.0 23.4





#43

Isopropyl Acetate

Concen: 50.568 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

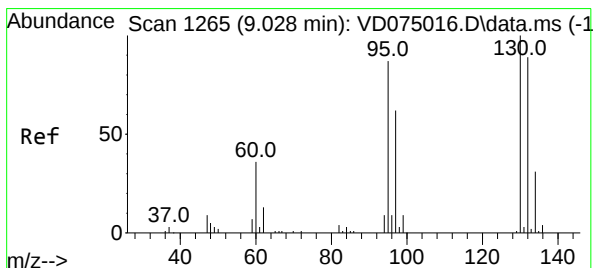
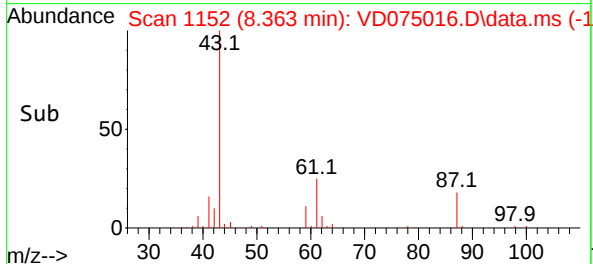
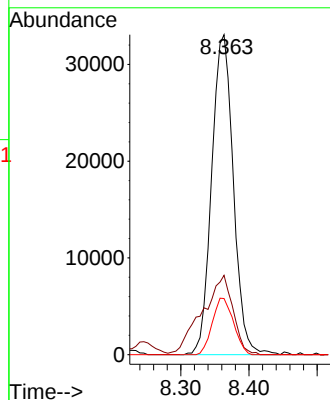
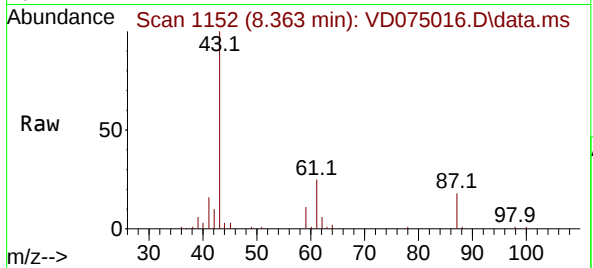
Tgt Ion: 43	Resp: 7328
Ion Ratio	Lower Upper
43	100
61	35.2 28.2 42.2
87	17.2 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#44

Trichloroethene

Concen: 48.974 ug/l

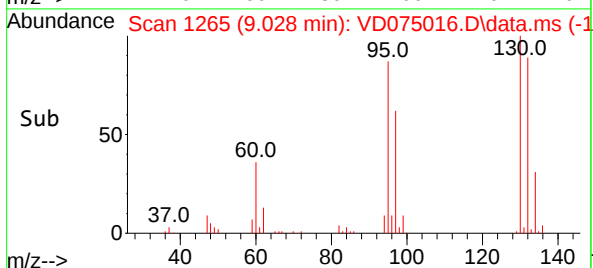
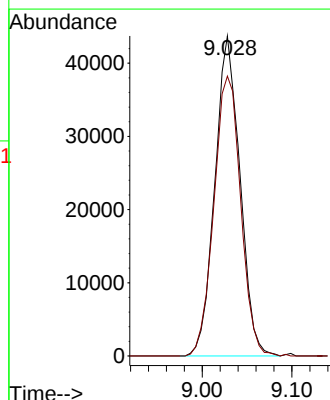
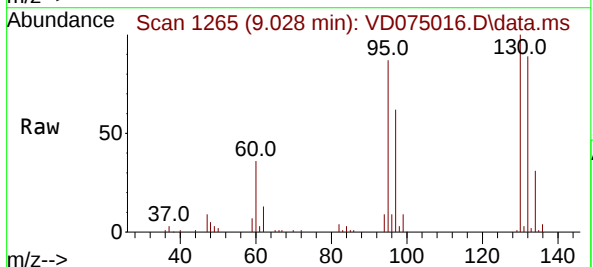
RT: 9.028 min Scan# 1265

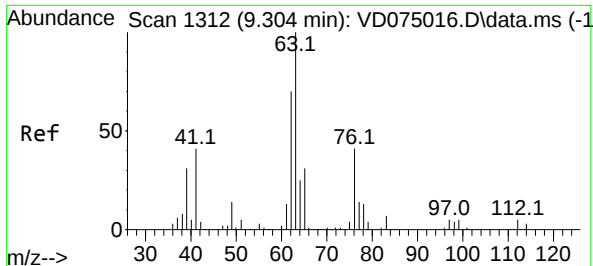
Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Tgt Ion:130	Resp: 84989
Ion Ratio	Lower Upper
130	100
95	87.4 0.0 174.8





#45

1,2-Dichloropropane

Concen: 51.678 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 77692

Ion Ratio Lower Upper

63 100

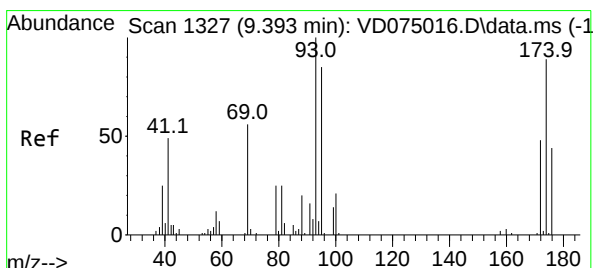
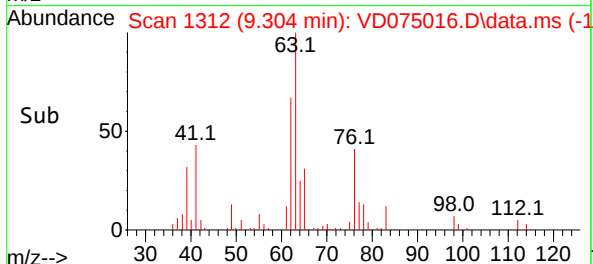
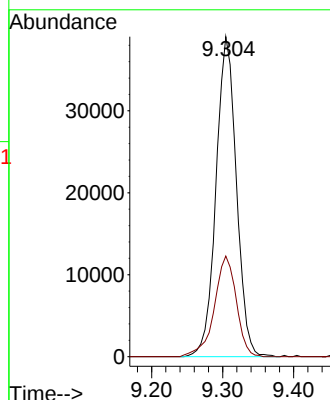
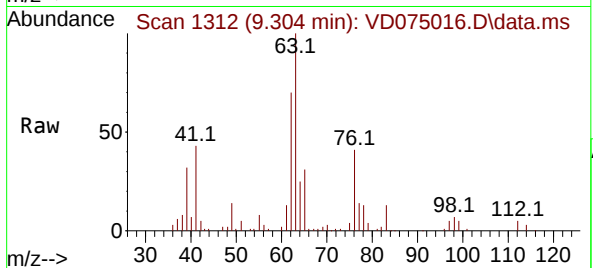
65 31.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 50.980 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

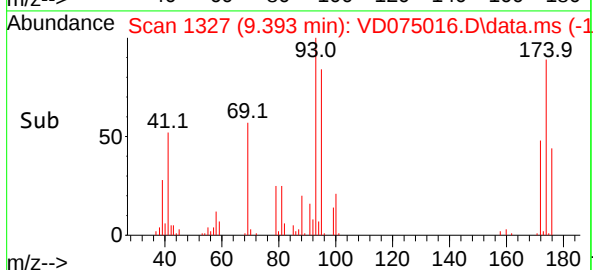
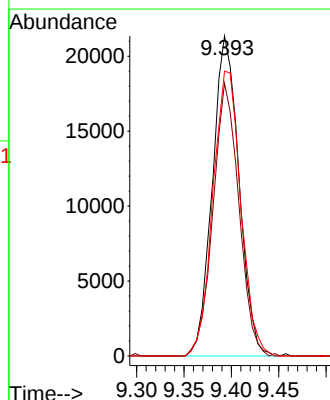
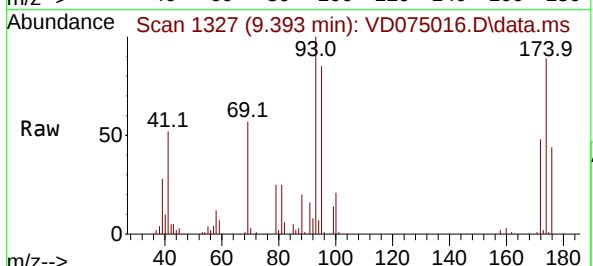
Tgt Ion: 93 Resp: 41639

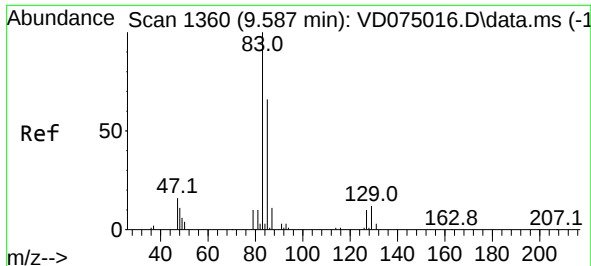
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

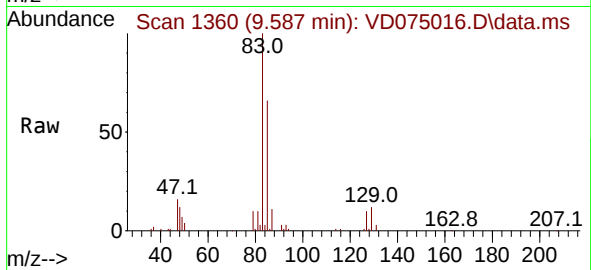
174 93.4 74.7 112.1





#47
Bromodichloromethane
Concen: 51.285 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

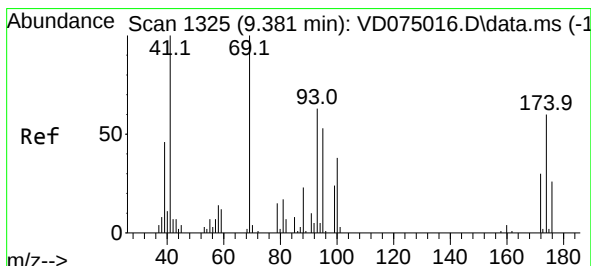
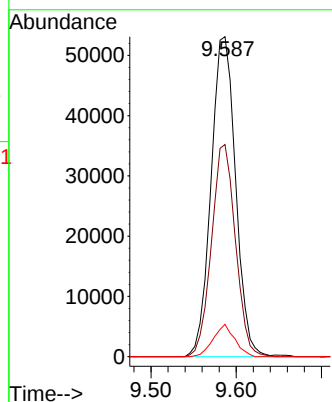
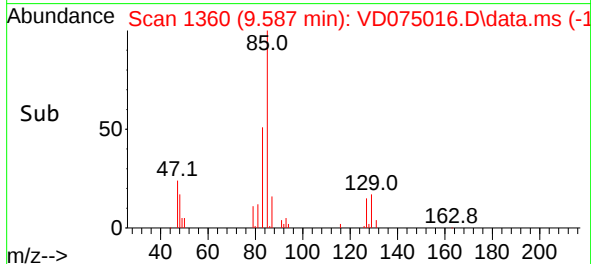
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 106333
Ion Ratio Lower Upper
83 100
85 66.3 53.0 79.6
127 10.1 8.1 12.1

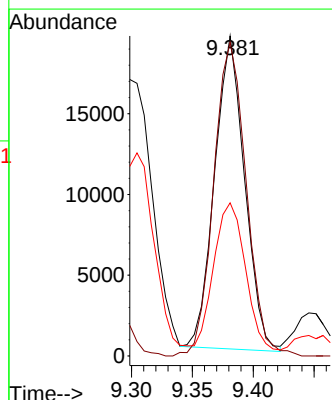
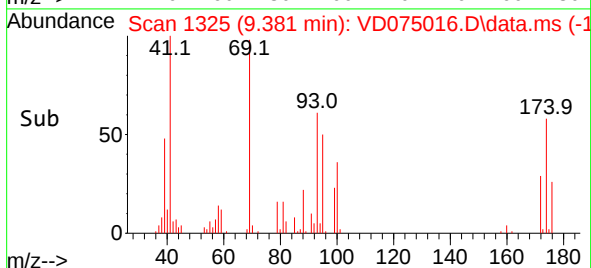
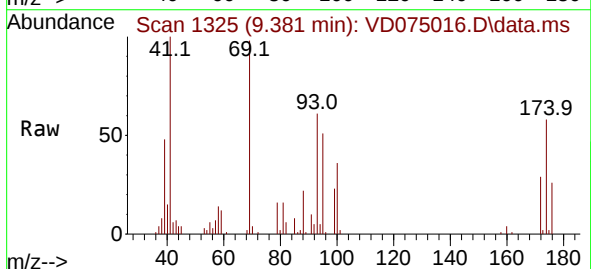
Manual Integrations
APPROVED

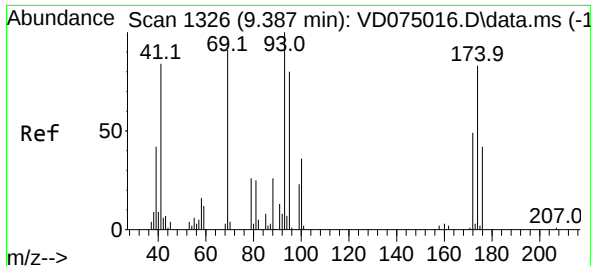
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 52.051 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 41 Resp: 33116
Ion Ratio Lower Upper
41 100
69 108.7 87.0 130.4
39 54.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1105.074 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

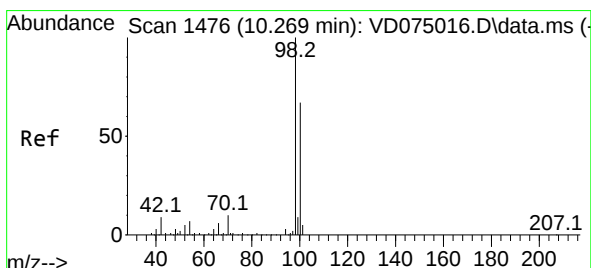
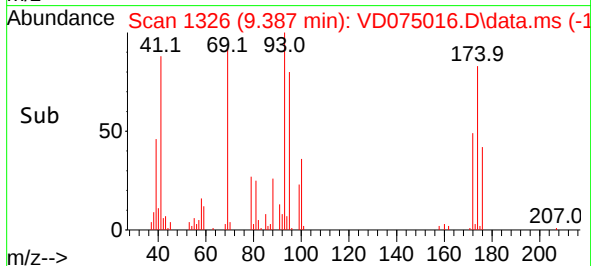
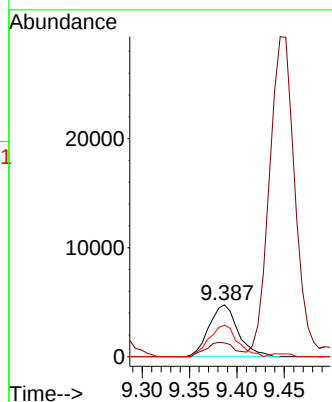
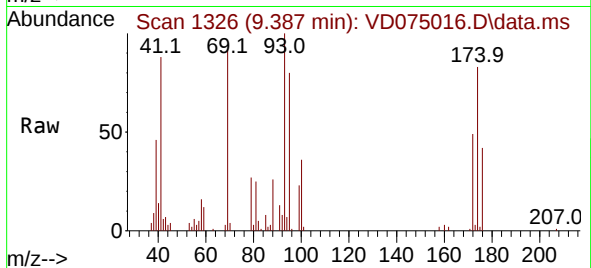
Tgt Ion: 88	Resp: 1010
Ion Ratio	Lower Upper
88	100
43	27.9 22.3 33.5
58	59.1 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 42.135 ug/l

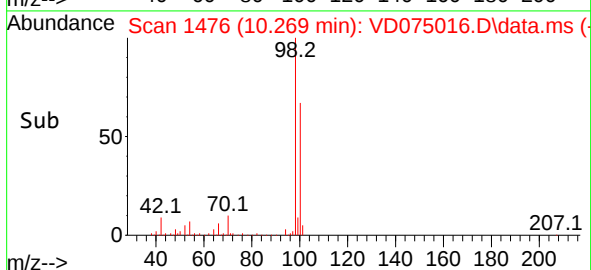
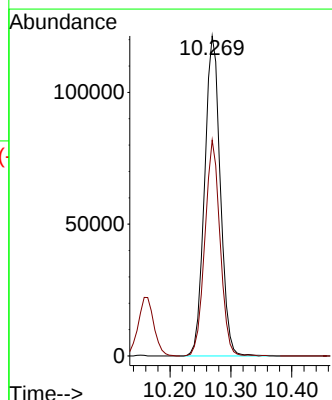
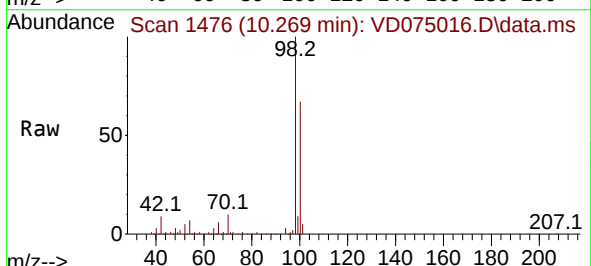
RT: 10.269 min Scan# 1476

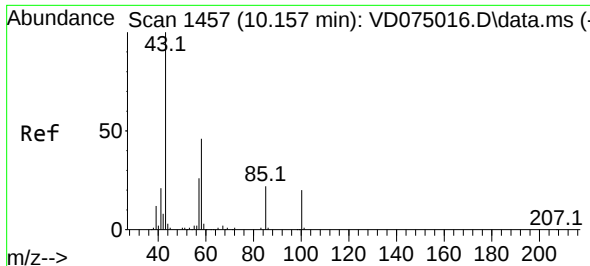
Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Tgt Ion: 98	Resp: 217036
Ion Ratio	Lower Upper
98	100
100	65.4 52.3 78.5





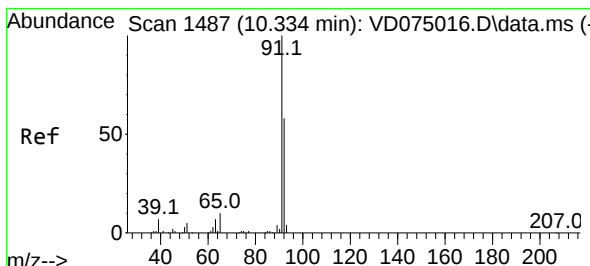
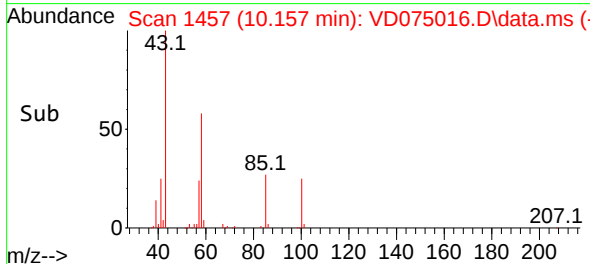
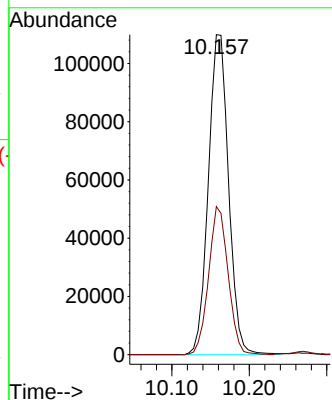
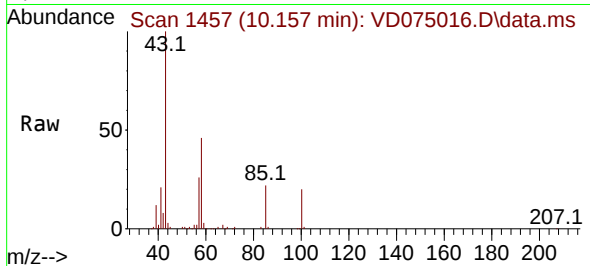
#51
4-Methyl-2-Pentanone
Concen: 275.603 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 19964
Ion Ratio Lower Upper
43 100
58 44.7 35.8 53.6

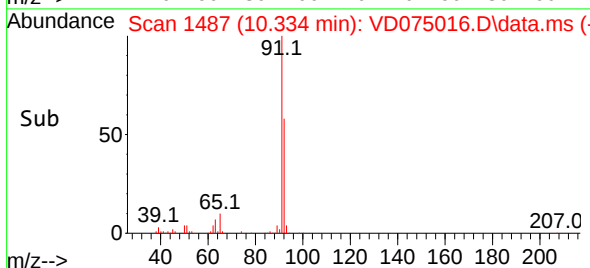
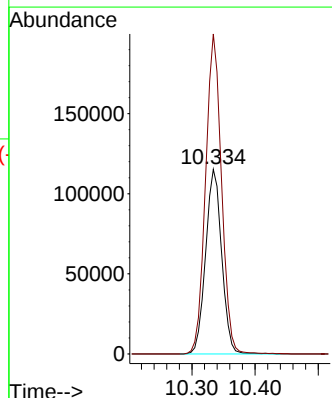
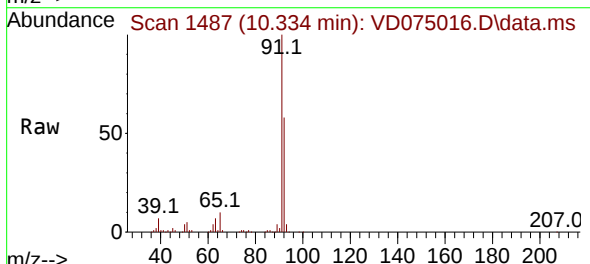
Manual Integrations
APPROVED

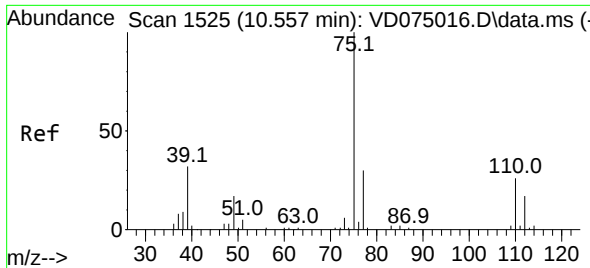
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 51.986 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

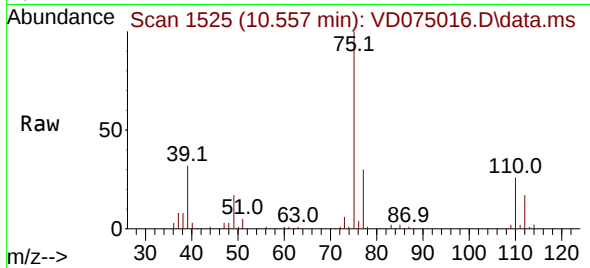
Tgt Ion: 92 Resp: 203678
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4





#53
 t-1,3-Dichloropropene
 Concen: 52.874 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01

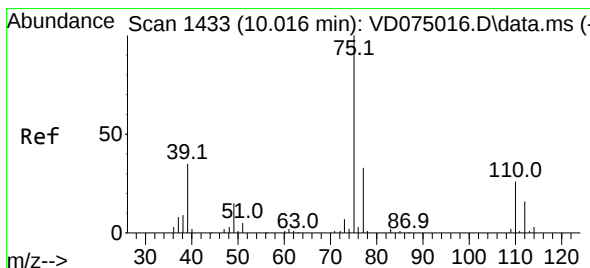
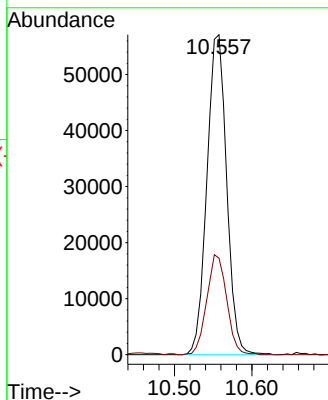
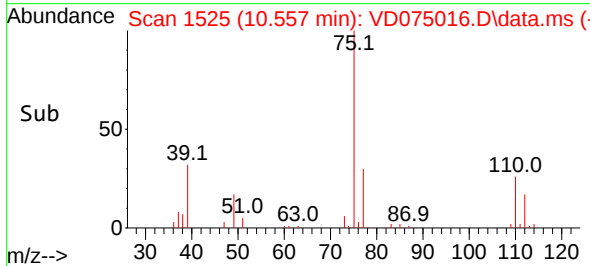
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 10104
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1

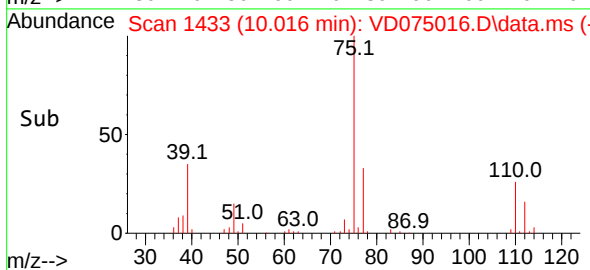
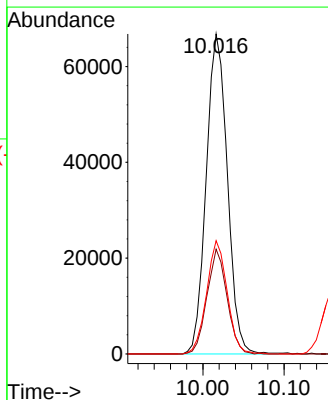
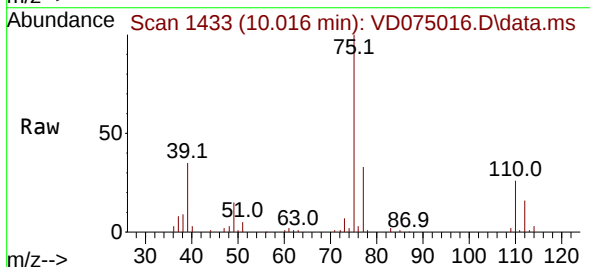
Manual Integrations
 APPROVED

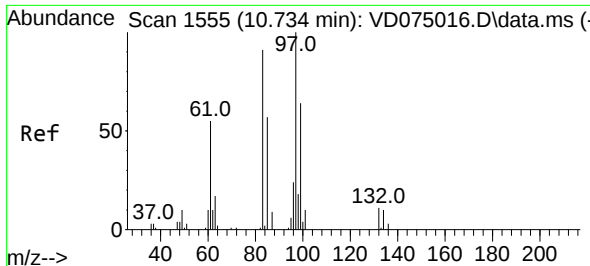
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 52.134 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01

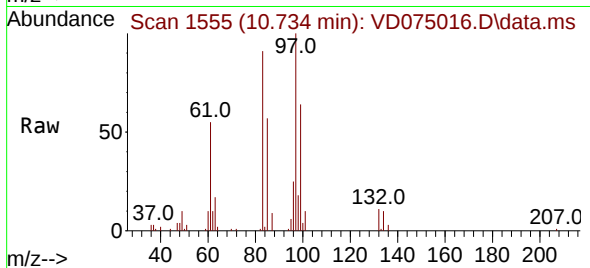
Tgt Ion: 75 Resp: 120865
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.4
 39 35.4 28.3 42.5





#55
1,1,2-Trichloroethane
Concen: 51.562 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

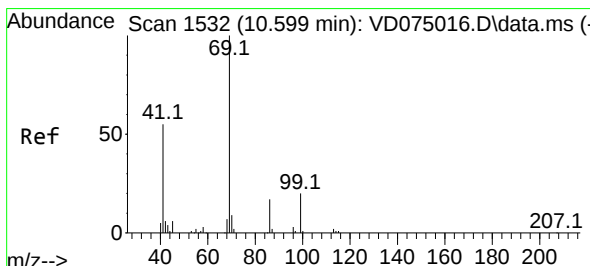
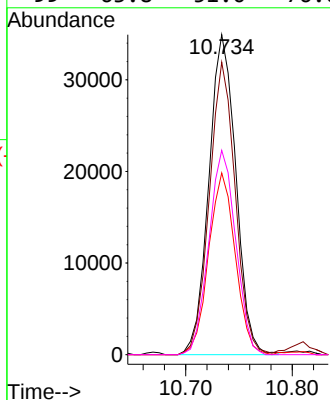
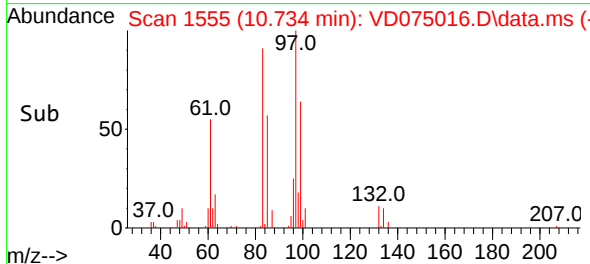
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



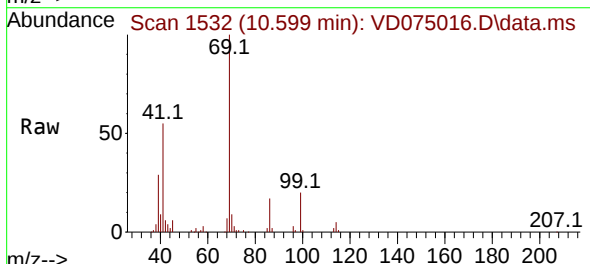
Tgt Ion:	97	Resp:	61490
Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.1	109.7
85	56.8	45.4	68.2
99	63.8	51.0	76.6

Manual Integrations
APPROVED

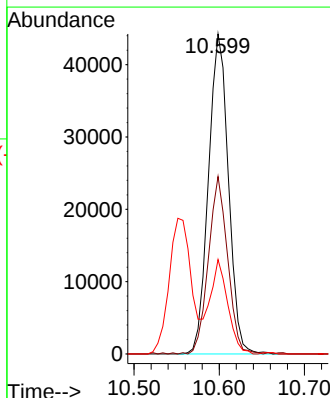
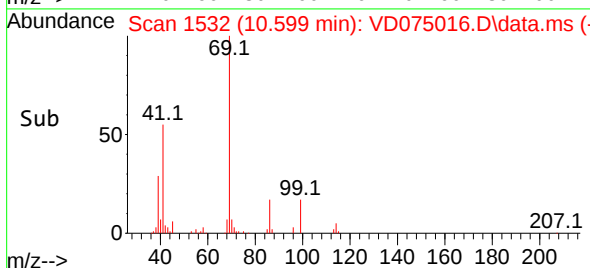
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

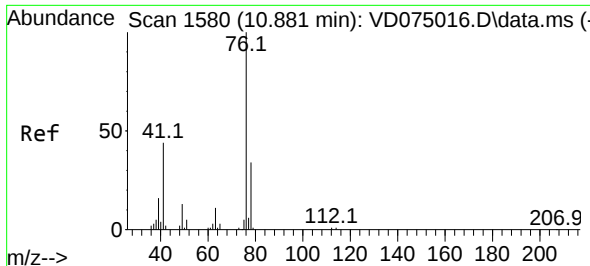


#56
Ethyl methacrylate
Concen: 54.952 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01



Tgt Ion:	69	Resp:	71950
Ion	Ratio	Lower	Upper
69	100		
41	53.4	42.7	64.1
39	25.5	20.4	30.6





#57

1,3-Dichloropropane

Concen: 51.692 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 9987

Ion Ratio Lower Upper

76 100

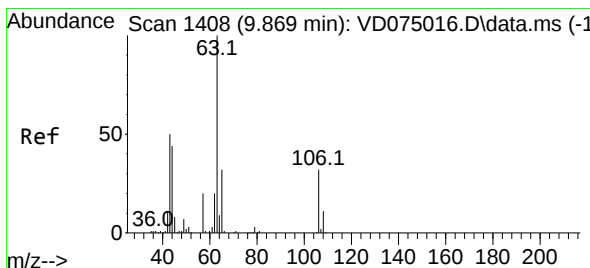
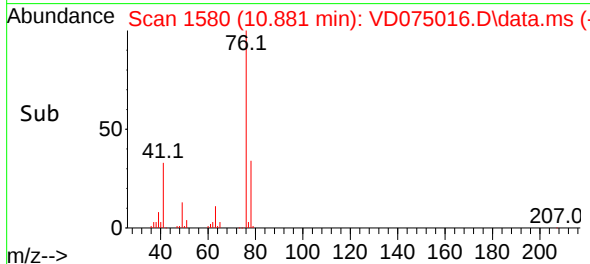
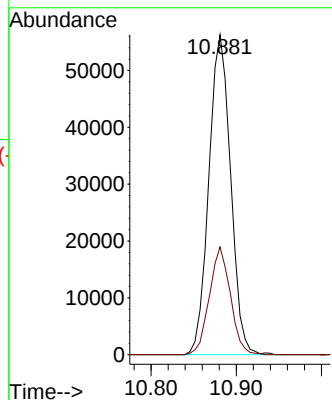
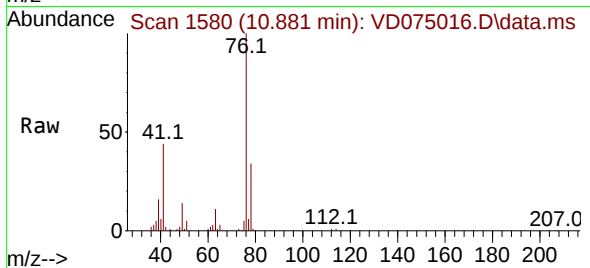
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.707 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075016.D

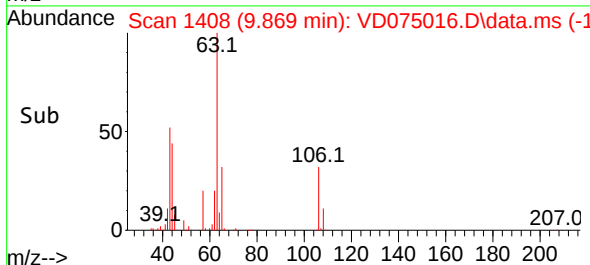
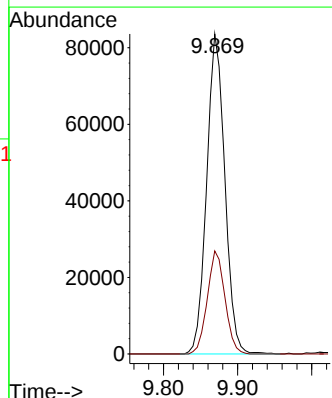
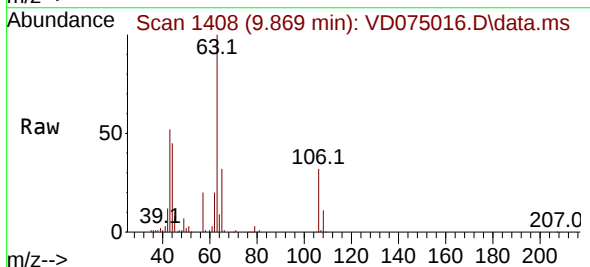
Acq: 14 Dec 2022 12:01

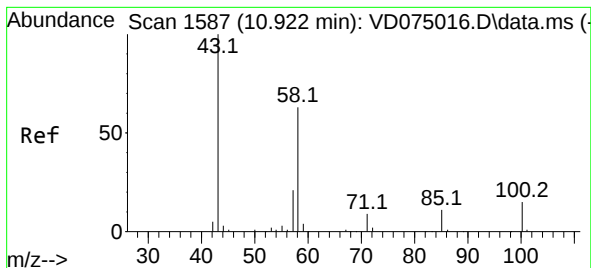
Tgt Ion: 63 Resp: 142437

Ion Ratio Lower Upper

63 100

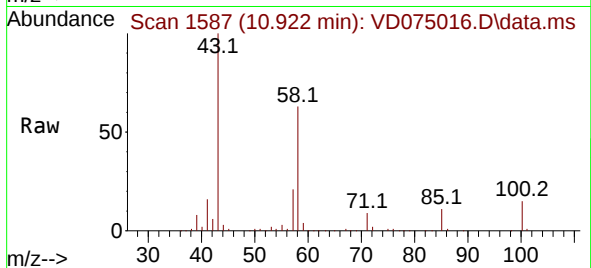
106 31.2 25.0 37.4





#59
2-Hexanone
Concen: 278.531 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

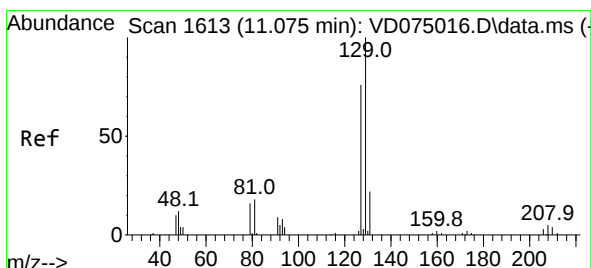
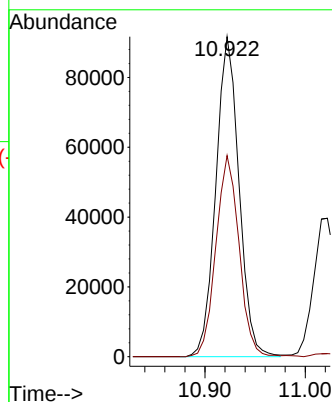
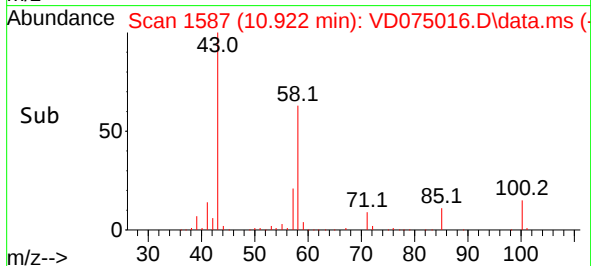
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



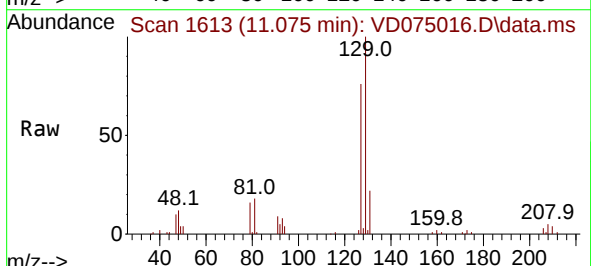
Tgt Ion: 43 Resp: 14694
Ion Ratio Lower Upper
43 100
58 62.9 31.4 94.3

Manual Integrations
APPROVED

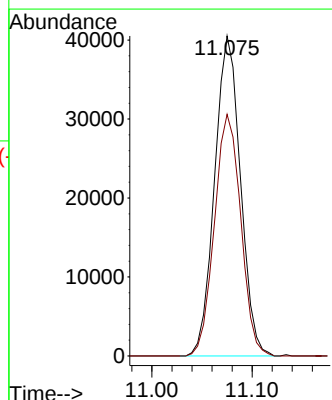
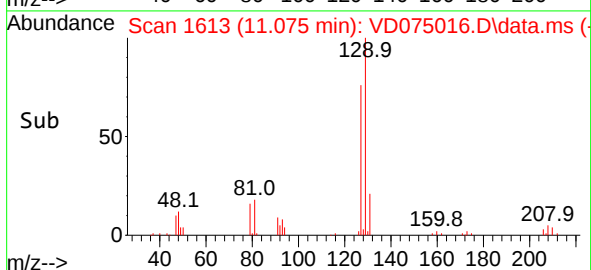
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

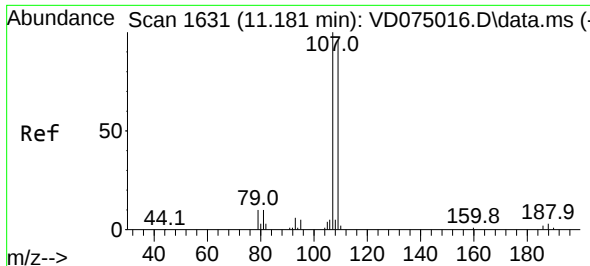


#60
Dibromochloromethane
Concen: 52.075 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01



Tgt Ion:129 Resp: 72546
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





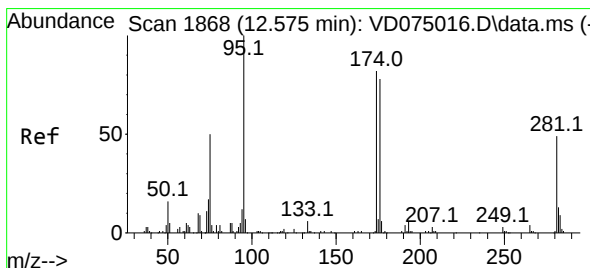
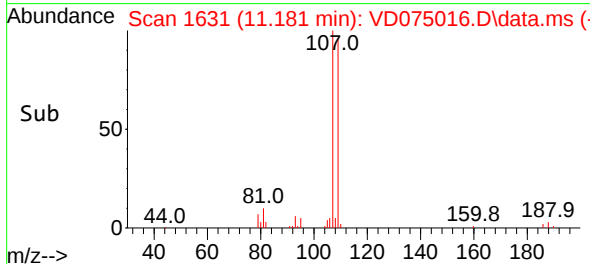
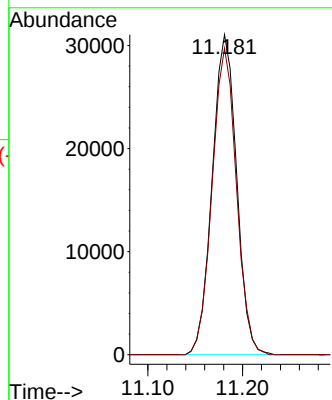
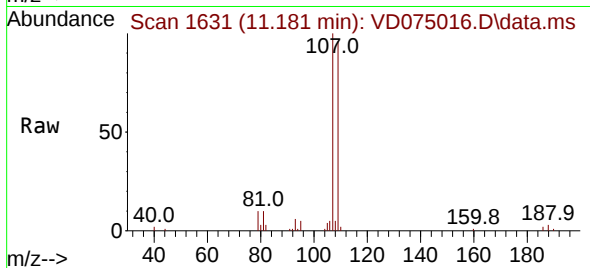
#61
1,2-Dibromoethane
Concen: 51.529 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 55470
Ion Ratio Lower Upper
107 100
109 95.5 76.4 114.6

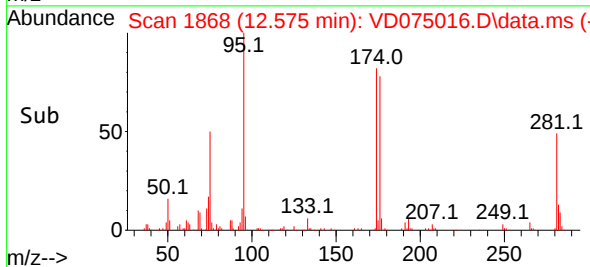
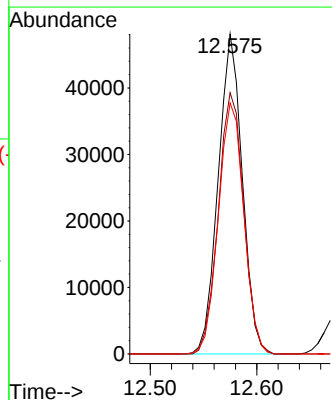
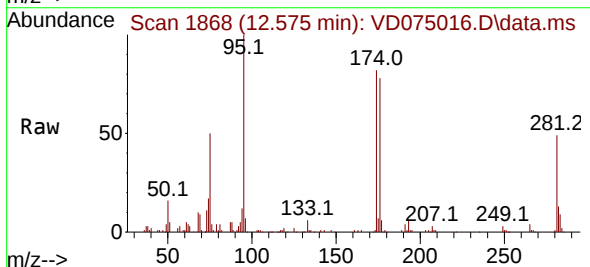
Manual Integrations
APPROVED

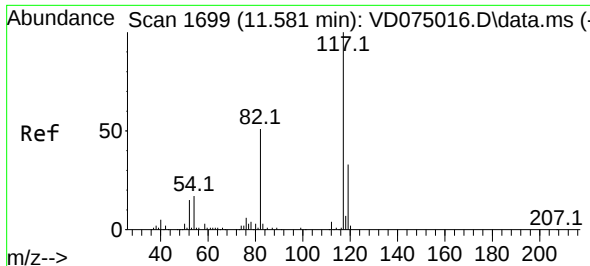
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 45.657 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

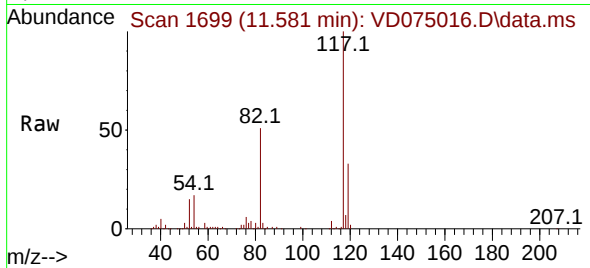
Tgt Ion: 95 Resp: 75510
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.9 0.0 165.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

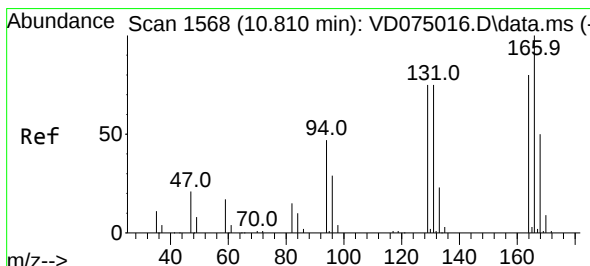
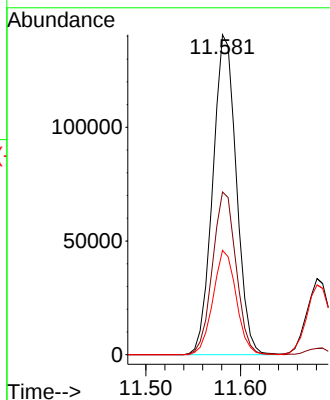
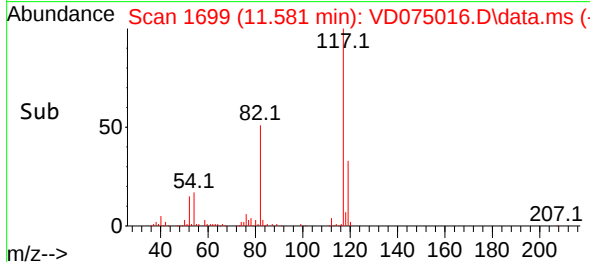
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



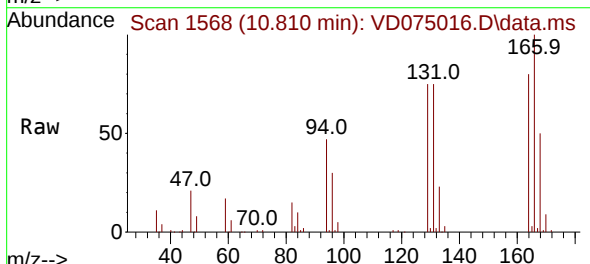
Tgt Ion:117 Resp: 243428
Ion Ratio Lower Upper
117 100
82 50.9 40.7 61.1
119 32.6 26.1 39.1

Manual Integrations
APPROVED

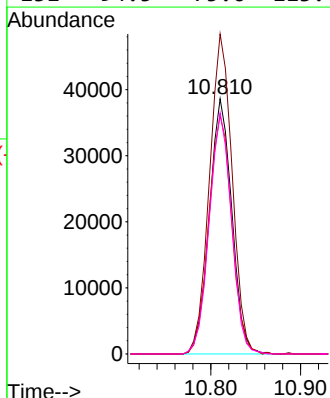
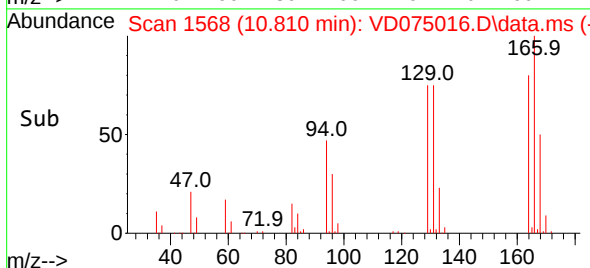
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

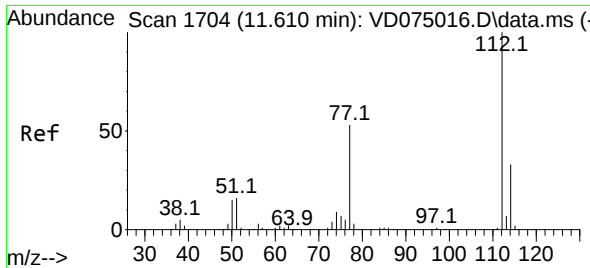


#64
Tetrachloroethene
Concen: 47.622 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01



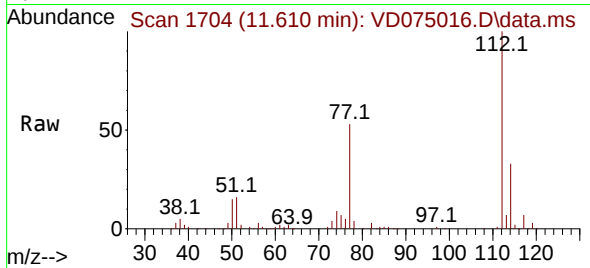
Tgt Ion:164 Resp: 67399
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 93.5 74.8 112.2
131 94.5 75.6 113.4





#65
Chlorobenzene
Concen: 49.007 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

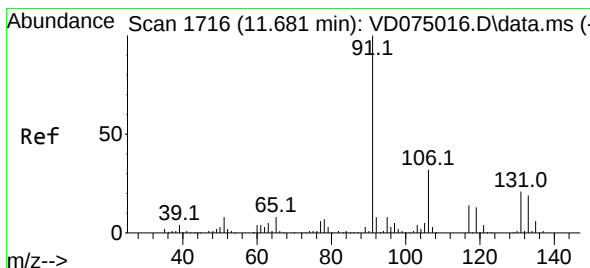
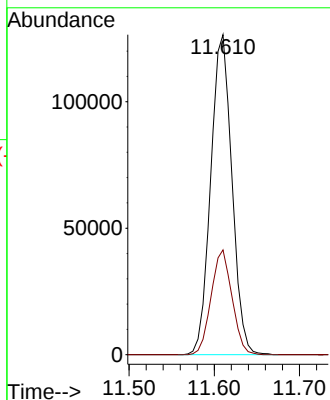
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 21905
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

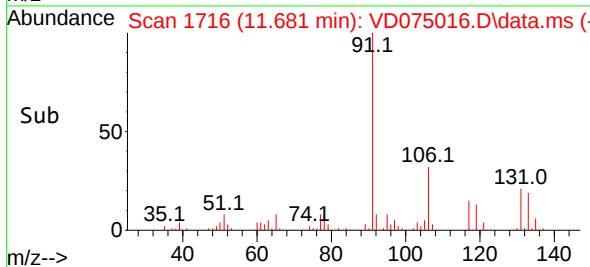
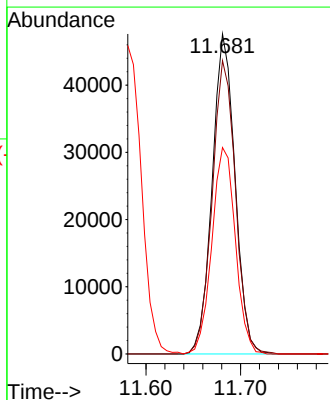
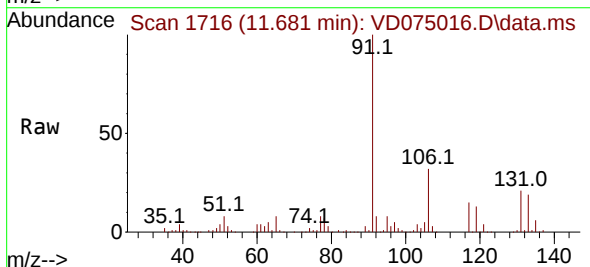
Manual Integrations
APPROVED

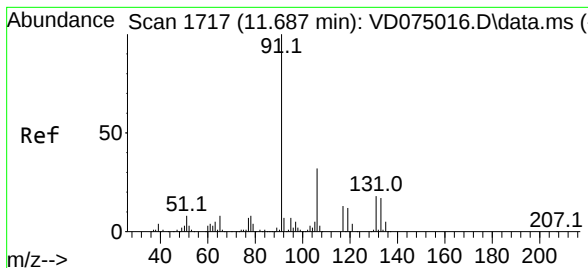
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.582 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion:131 Resp: 79478
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 66.7 33.4 100.1





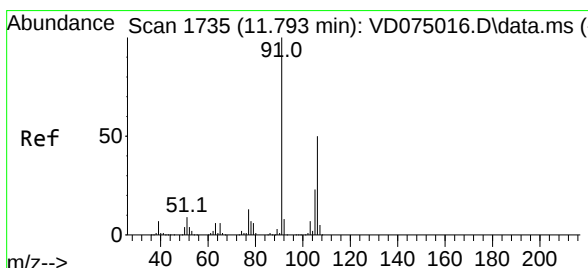
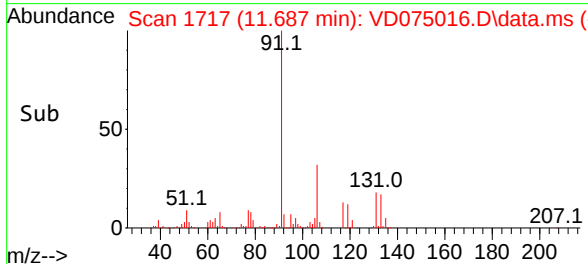
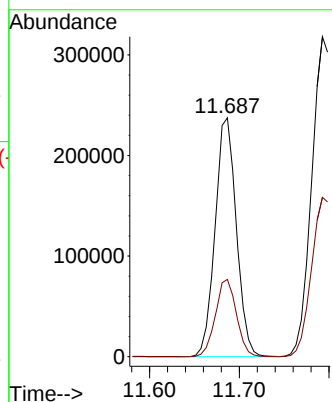
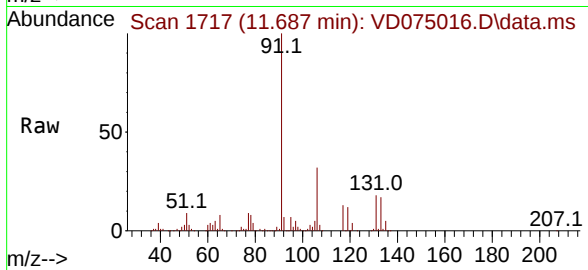
#67
Ethyl Benzene
Concen: 50.495 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 389958
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9

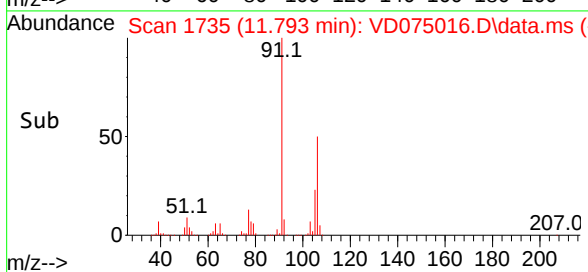
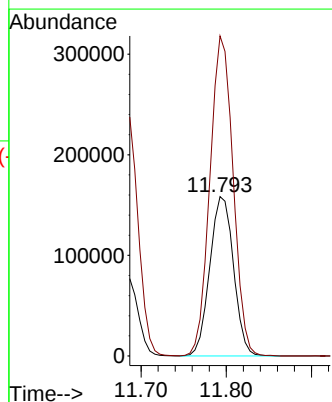
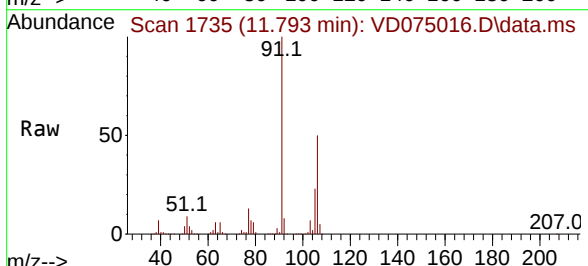
Manual Integrations
APPROVED

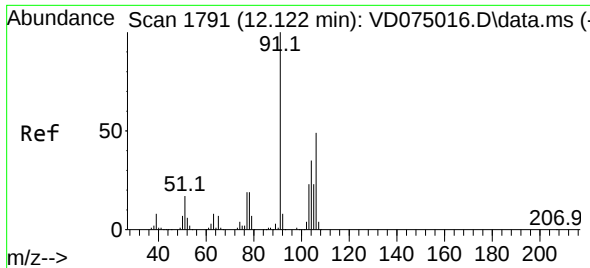
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 101.187 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion:106 Resp: 306639
Ion Ratio Lower Upper
106 100
91 196.4 157.1 235.7





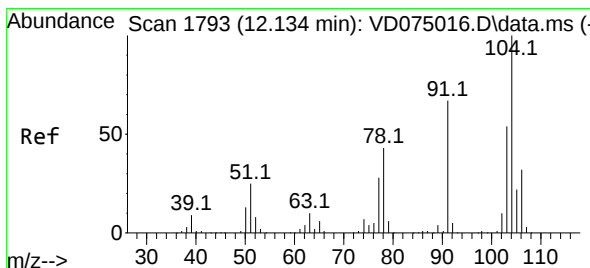
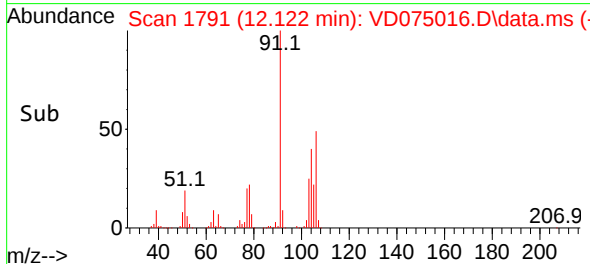
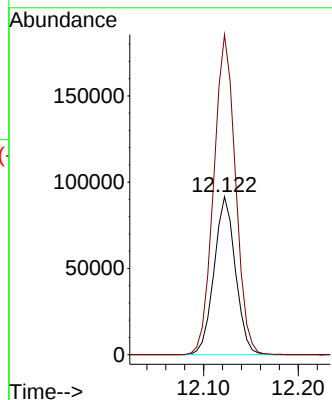
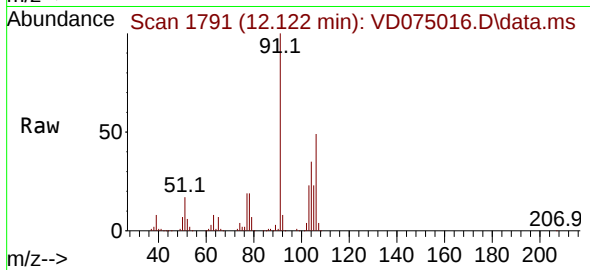
#69
o-Xylene
Concen: 49.960 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 14341
Ion Ratio Lower Upper
106 100
91 206.7 103.4 310.1

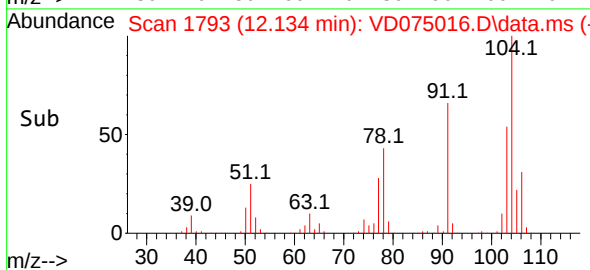
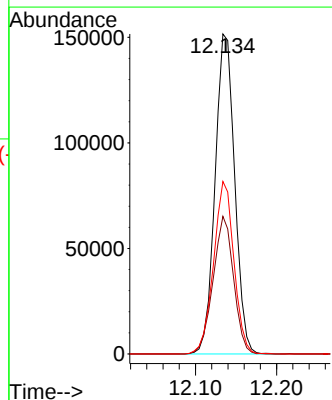
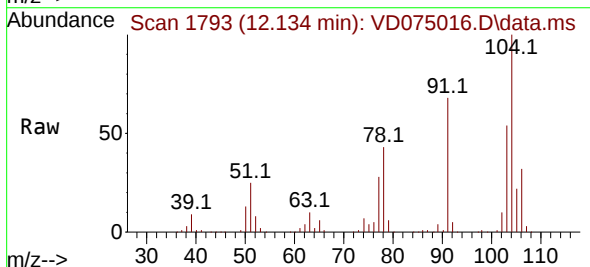
Manual Integrations
APPROVED

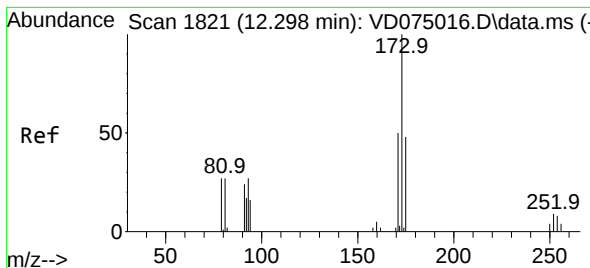
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 51.658 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion:104 Resp: 254874
Ion Ratio Lower Upper
104 100
78 44.9 35.9 53.9
103 55.9 44.7 67.1





#71

Bromoform

Concen: 50.401 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

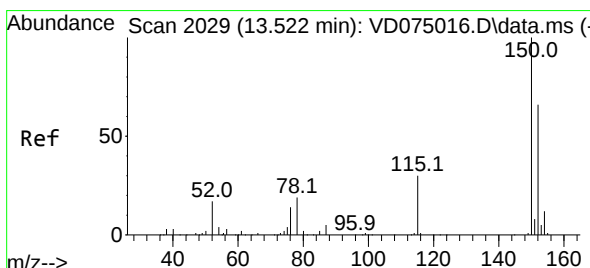
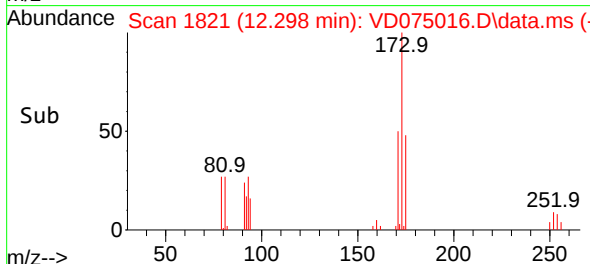
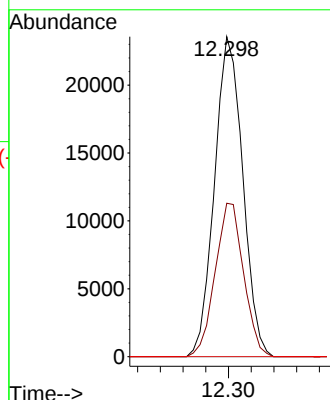
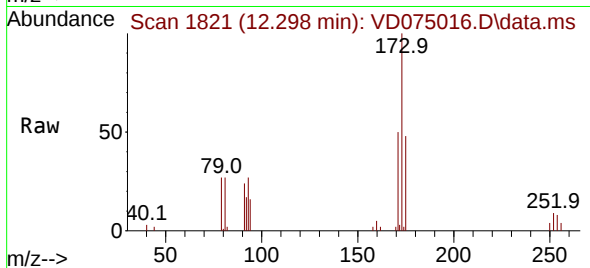
Tgt Ion:173 Resp: 40700
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.1 72.3
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

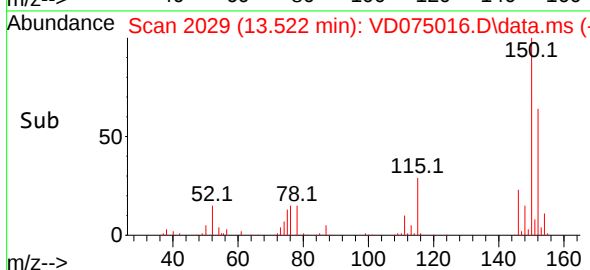
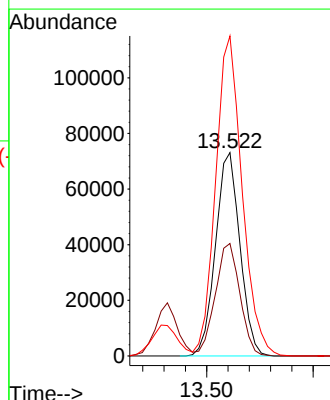
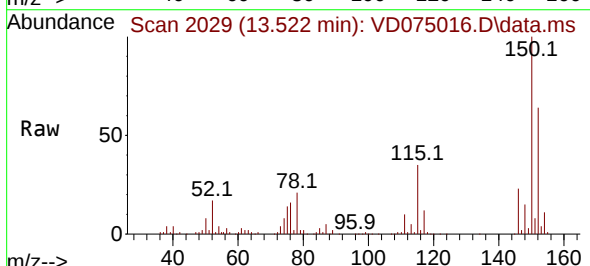
RT: 13.522 min Scan# 2029

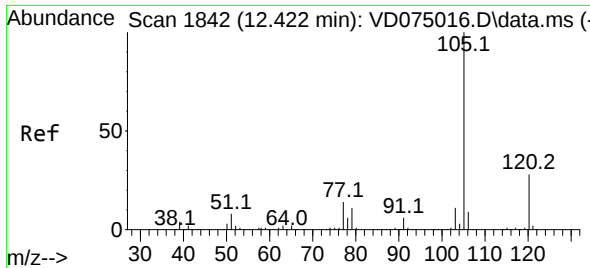
Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

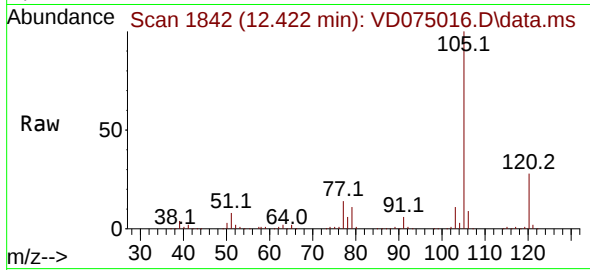
Tgt Ion:152 Resp: 116111
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.0 84.0
 150 171.0 0.0 342.0





#73
Isopropylbenzene
Concen: 50.097 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

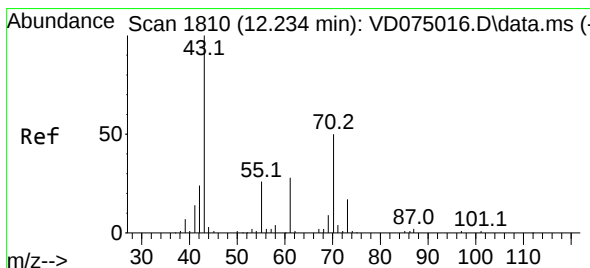
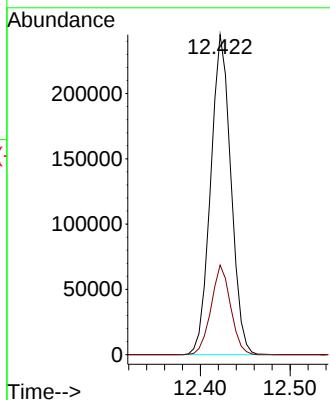
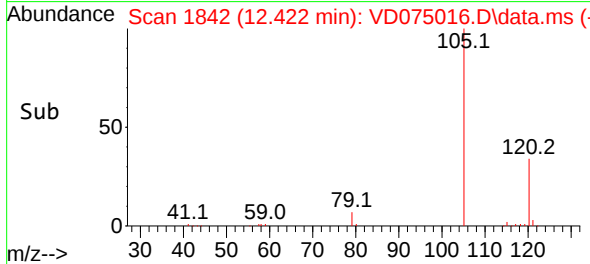
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



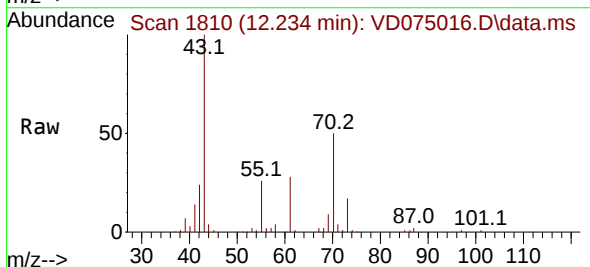
Tgt Ion:105 Resp: 384690
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

Manual Integrations
APPROVED

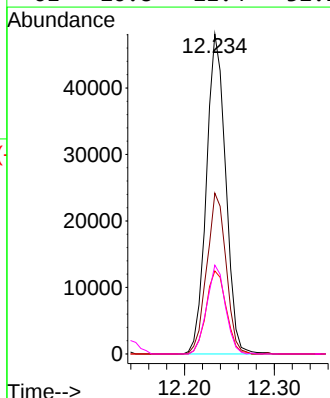
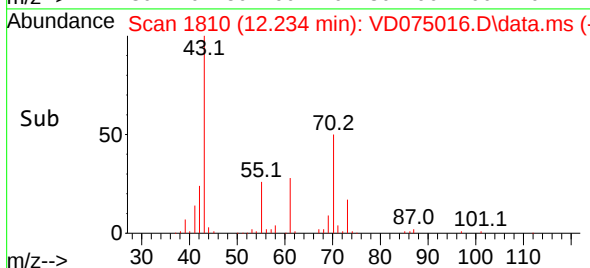
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

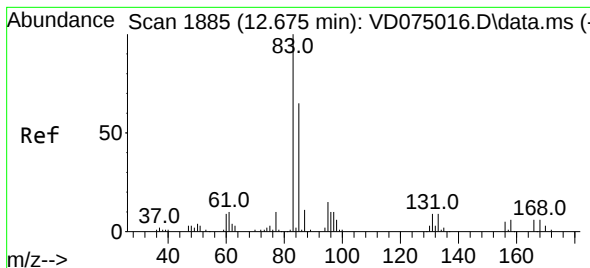


#74
N-ethyl acetate
Concen: 53.483 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01



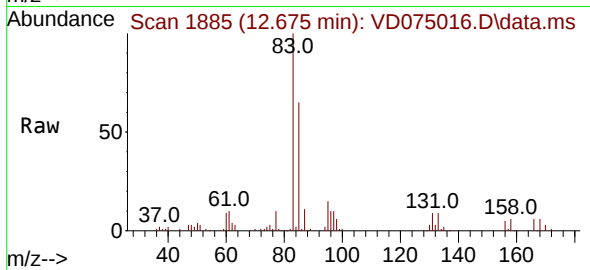
Tgt Ion: 43 Resp: 71770
Ion Ratio Lower Upper
43 100
70 50.3 40.2 60.4
55 27.0 21.6 32.4
61 26.8 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.971 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

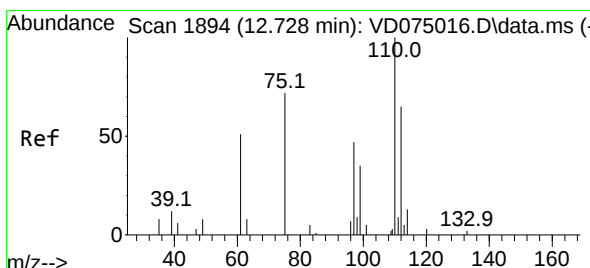
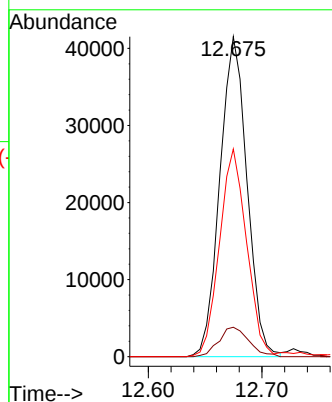
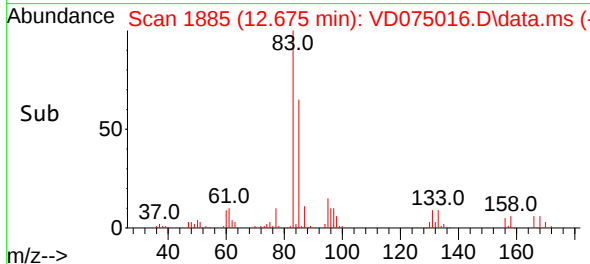
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 68970
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.9 32.5 97.4

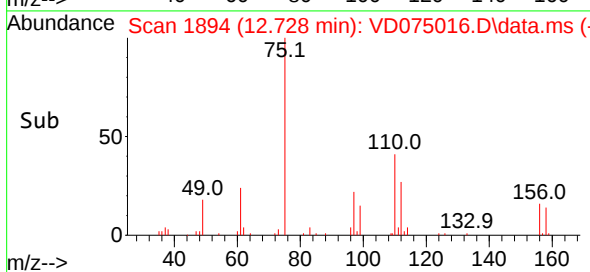
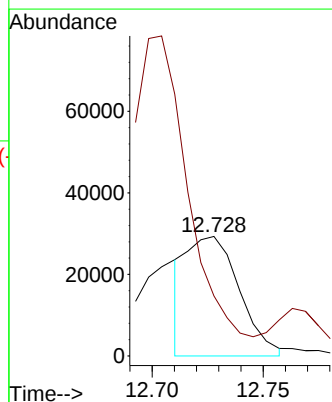
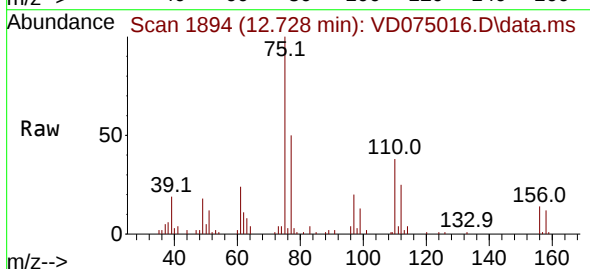
Manual Integrations
APPROVED

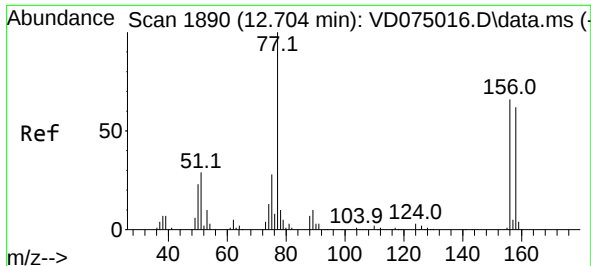
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#76
1,2,3-Trichloropropane
Concen: 48.165 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 75 Resp: 48556
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





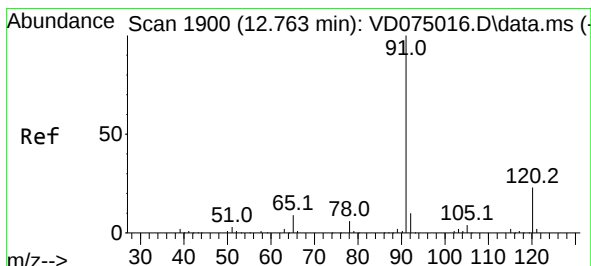
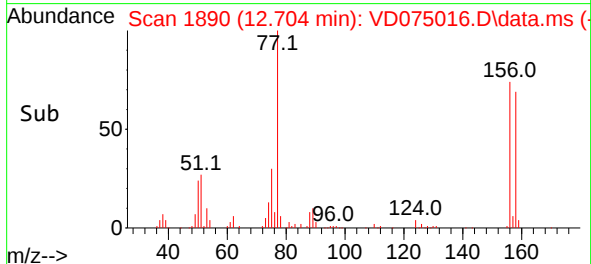
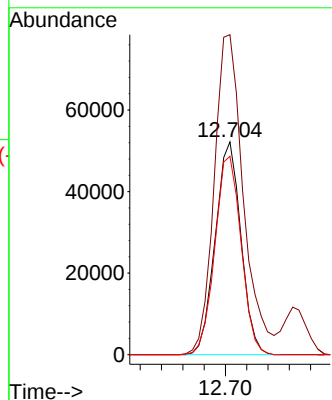
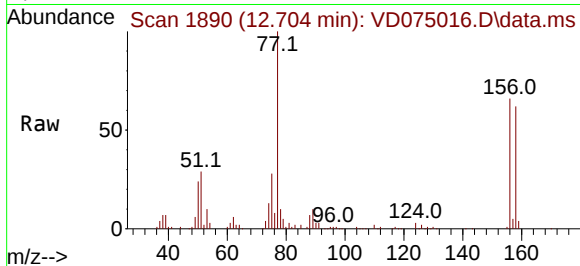
#77
Bromobenzene
Concen: 49.966 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 87295
Ion Ratio Lower Upper
156 100
77 171.3 85.7 256.9
158 95.4 47.7 143.1

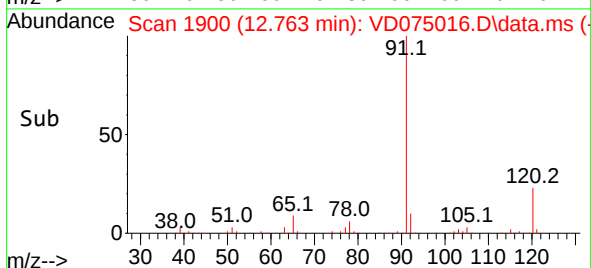
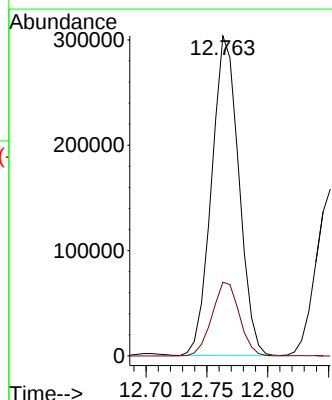
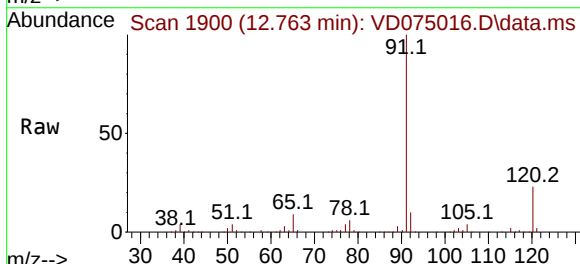
Manual Integrations
APPROVED

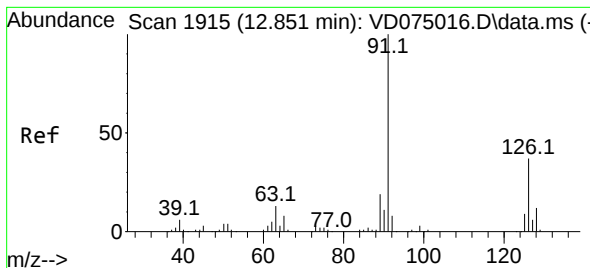
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#78
n-propylbenzene
Concen: 50.309 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 91 Resp: 472969
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





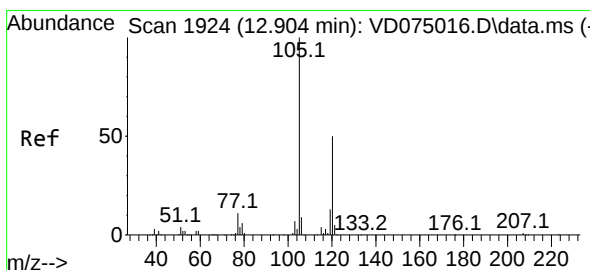
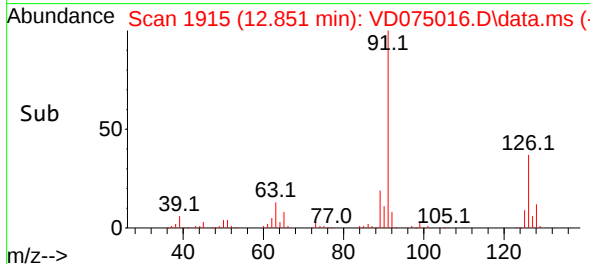
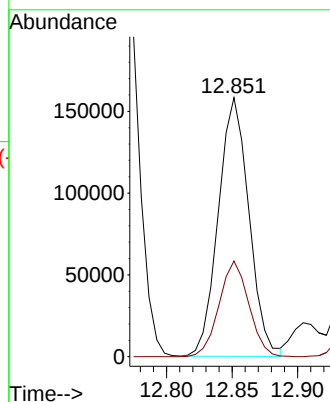
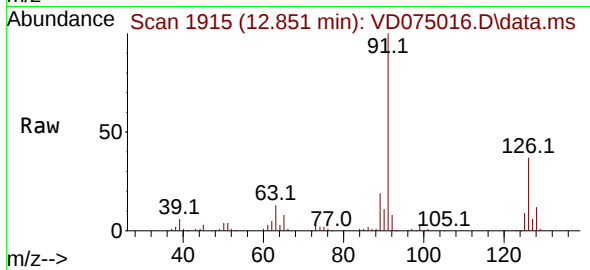
#79
2-Chlorotoluene
Concen: 50.243 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 257328
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.7

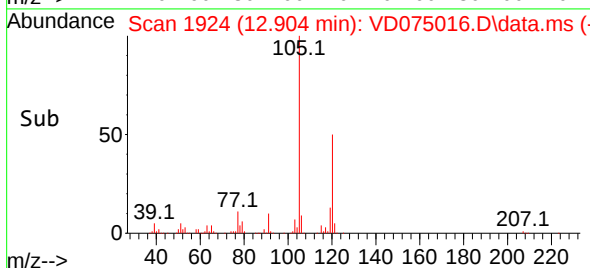
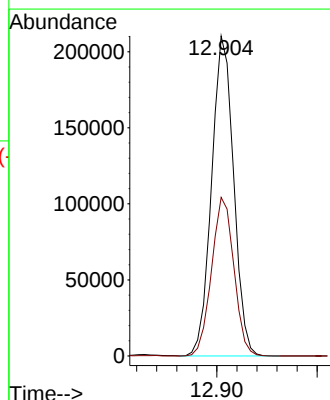
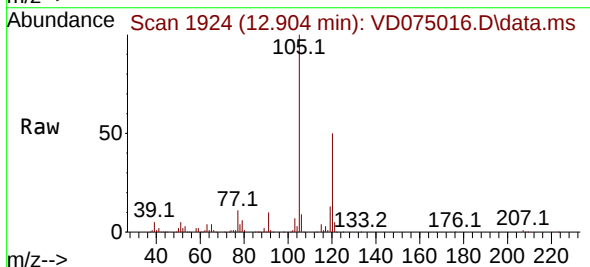
Manual Integrations
APPROVED

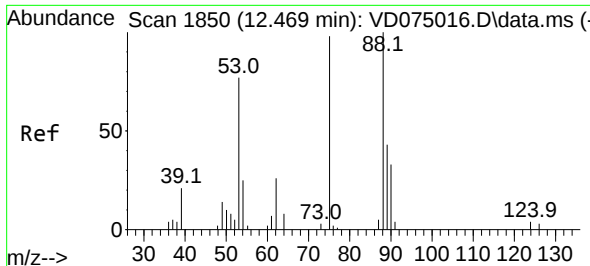
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.579 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

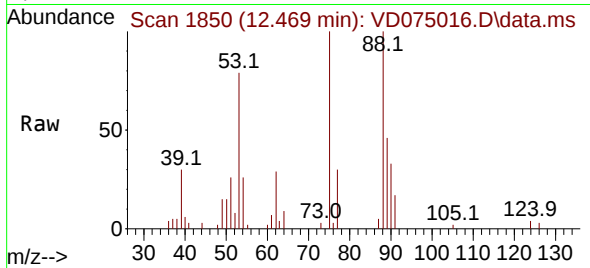
Tgt Ion:105 Resp: 321054
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.251 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

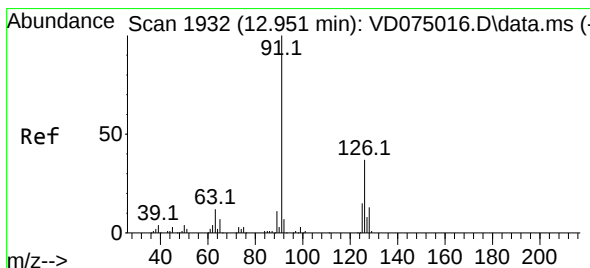
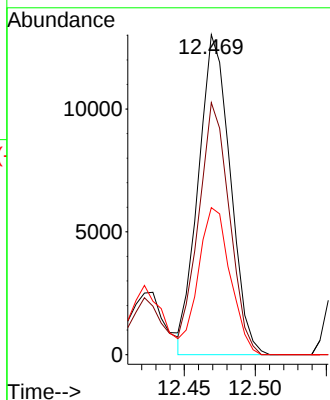
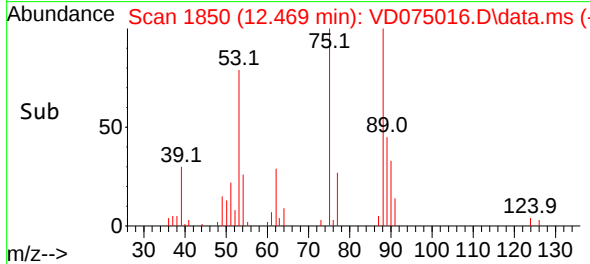
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 20334
Ion Ratio Lower Upper
75 100
53 76.3 61.0 91.6
89 46.1 36.9 55.3

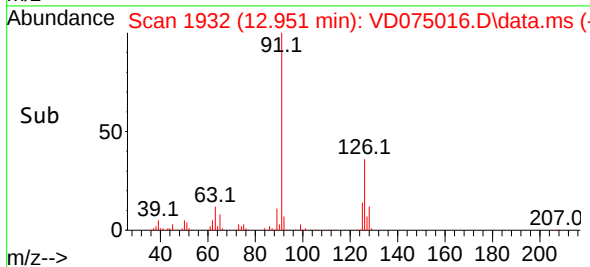
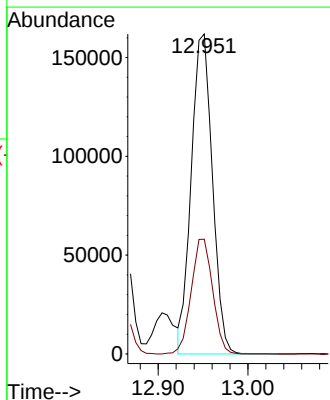
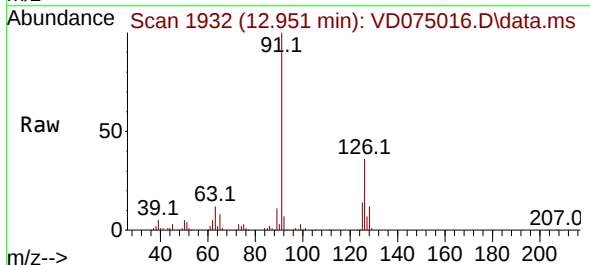
Manual Integrations
APPROVED

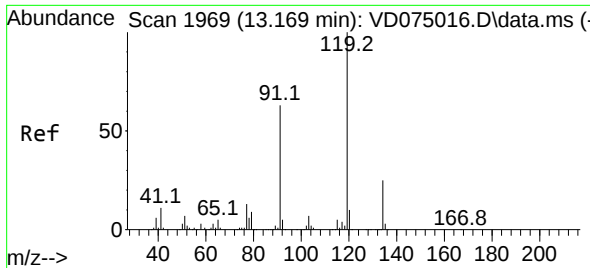
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 49.875 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion: 91 Resp: 264870
Ion Ratio Lower Upper
91 100
126 36.4 18.2 54.6





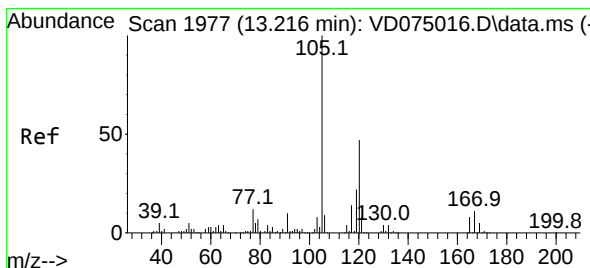
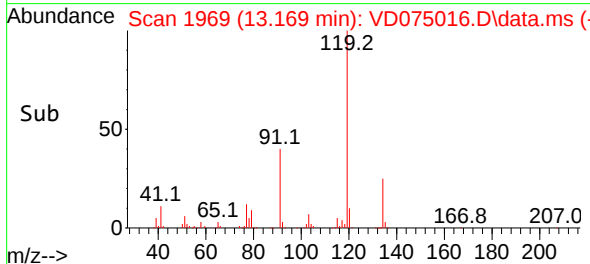
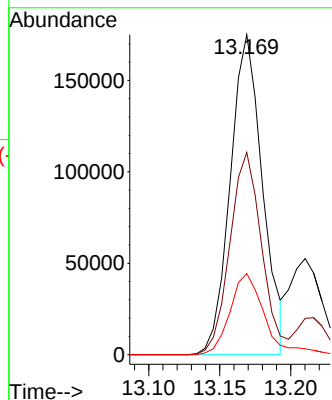
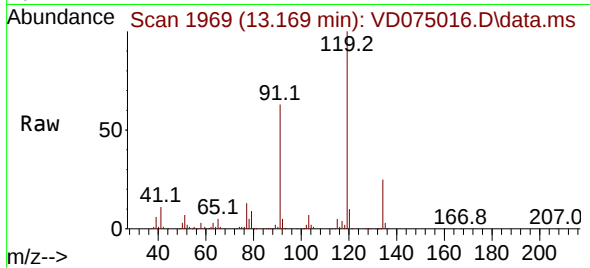
#83
tert-Butylbenzene
Concen: 50.555 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 27631
Ion Ratio Lower Upper
119 100
91 62.7 31.4 94.0
134 27.1 13.6 40.7

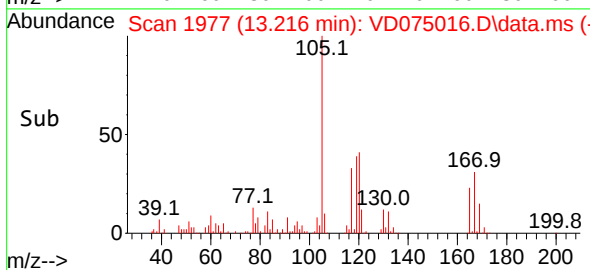
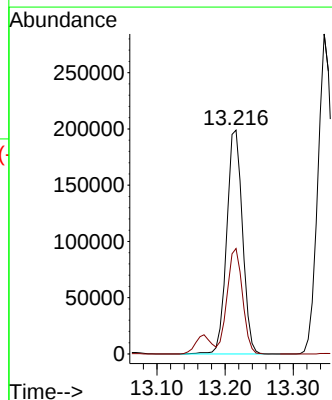
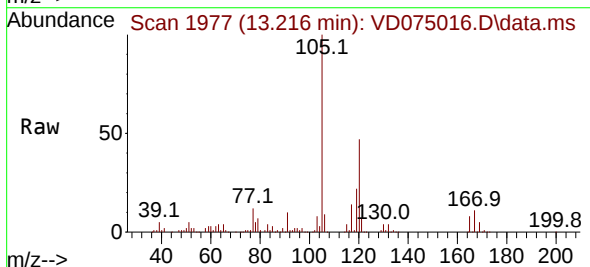
Manual Integrations
APPROVED

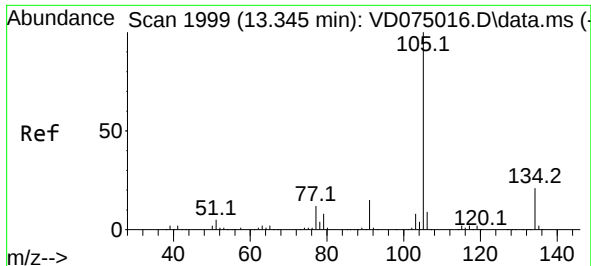
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.766 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

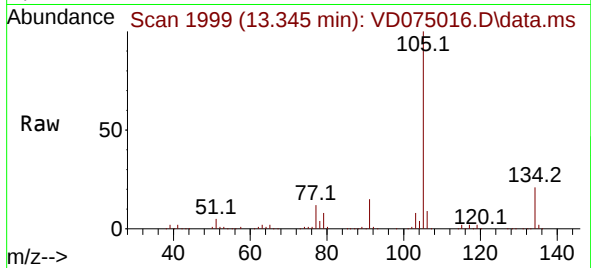
Tgt Ion:105 Resp: 319521
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 50.224 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01

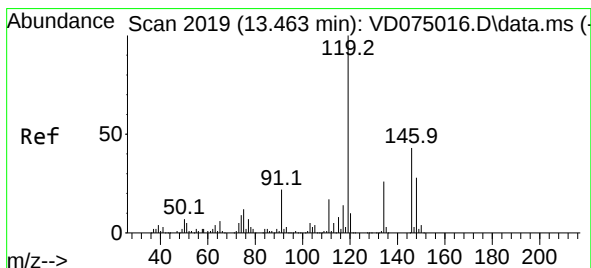
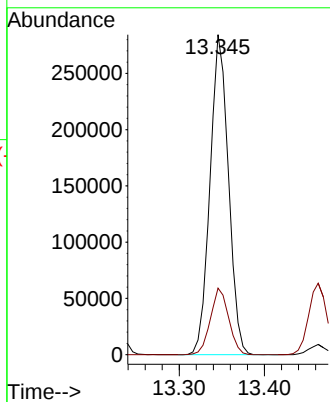
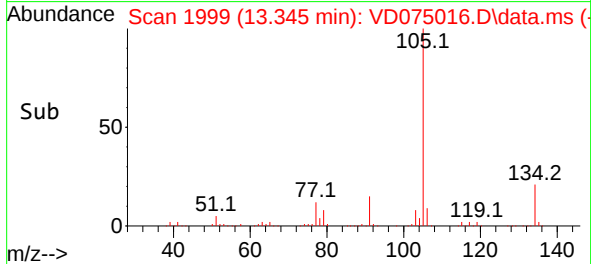
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



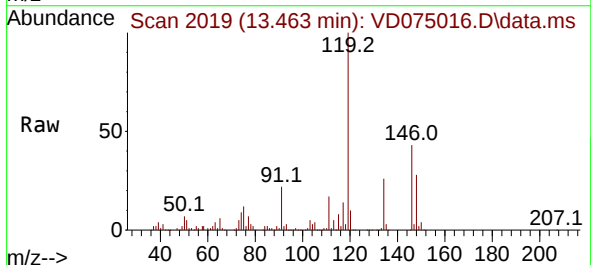
Tgt Ion:105 Resp: 427269
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

Manual Integrations
 APPROVED

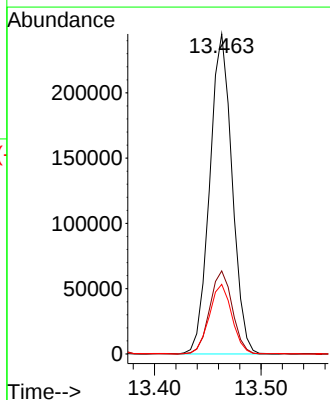
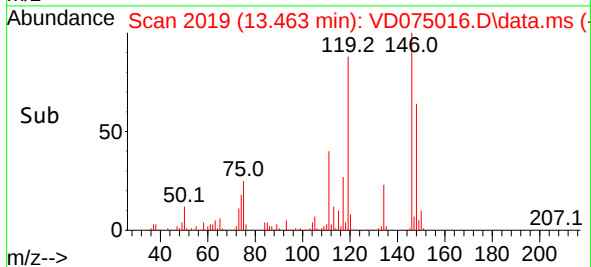
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

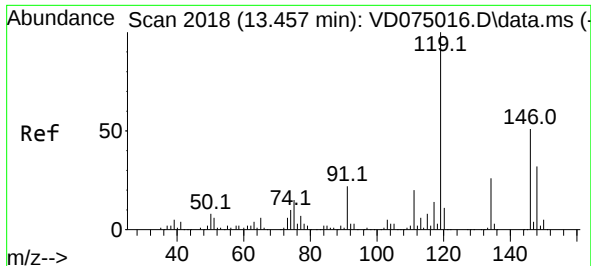


#86
 p-Isopropyltoluene
 Concen: 50.363 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075016.D
 Acq: 14 Dec 2022 12:01



Tgt Ion:119 Resp: 357016
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 48.632 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 179578

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

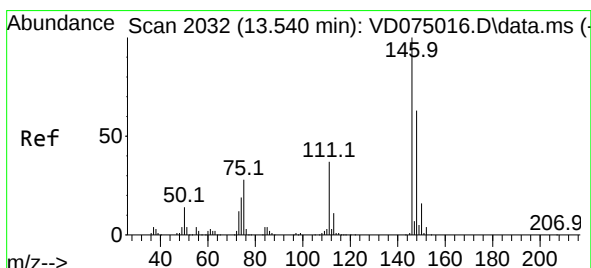
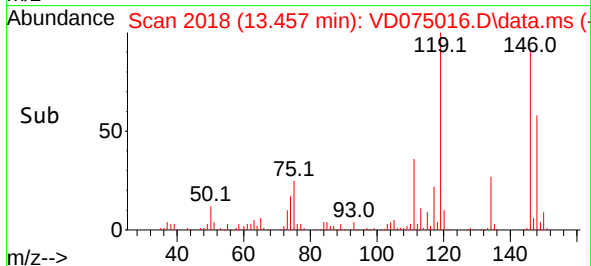
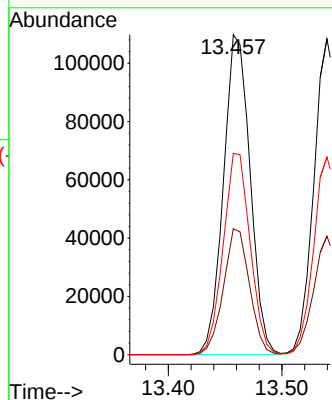
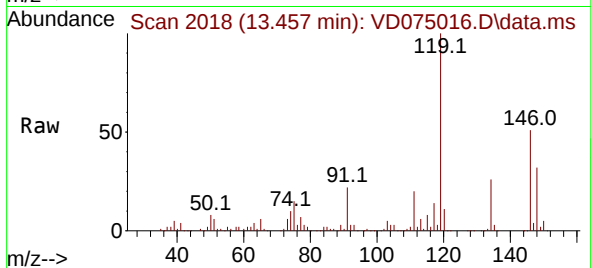
148 63.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 48.303 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

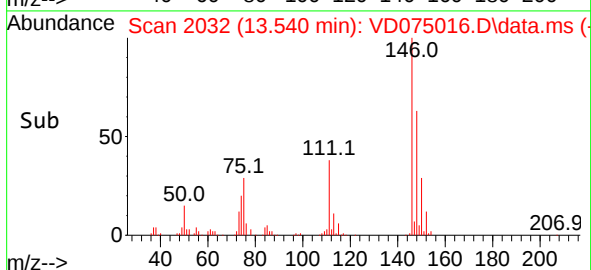
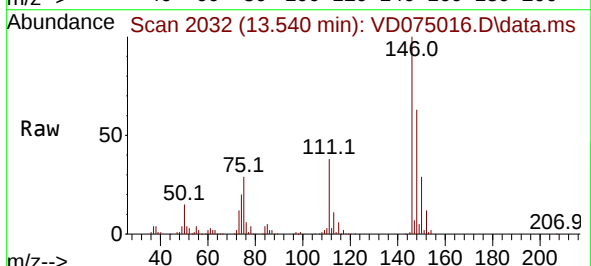
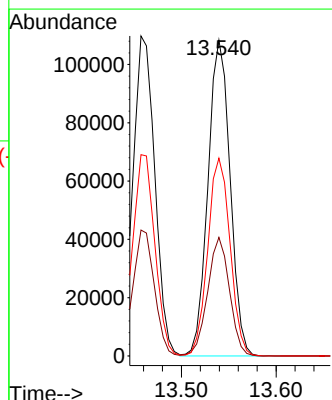
Tgt Ion:146 Resp: 176033

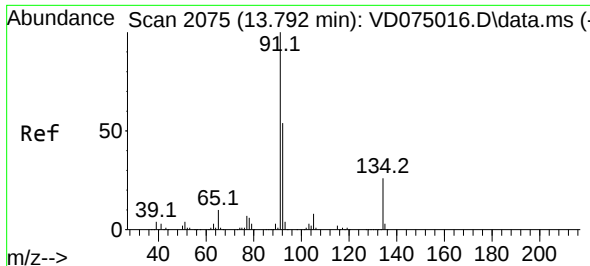
Ion Ratio Lower Upper

146 100

111 37.0 18.5 55.5

148 63.1 31.6 94.7





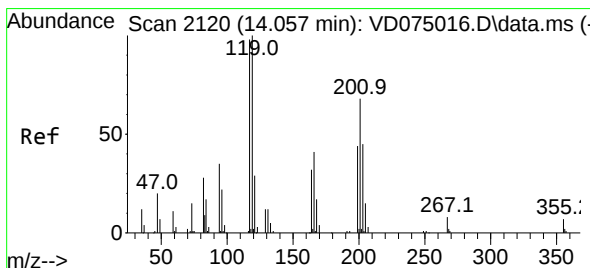
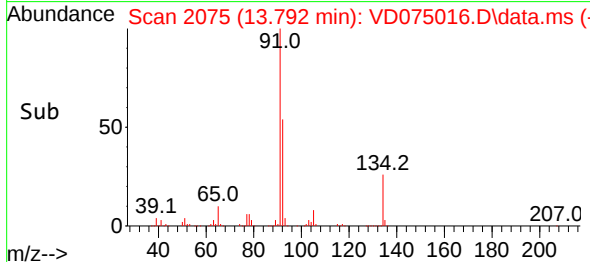
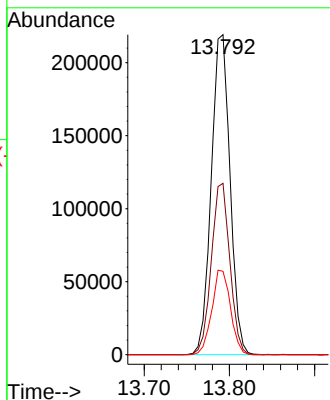
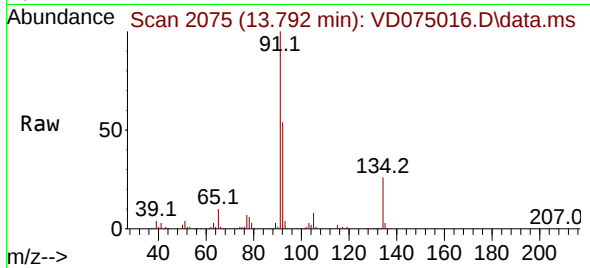
#89
n-Butylbenzene
Concen: 50.569 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 335128
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 26.2 13.1 39.3

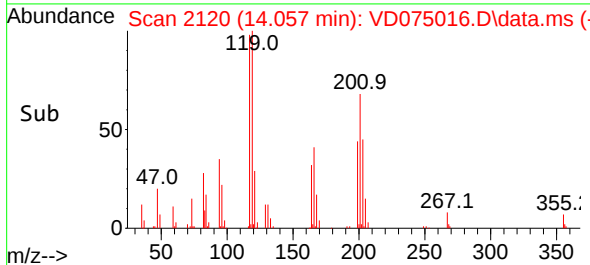
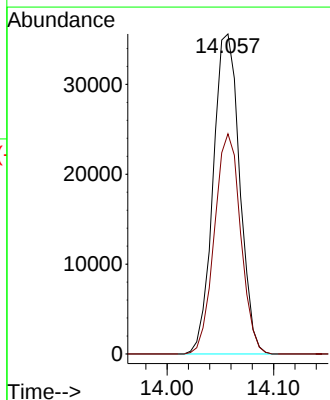
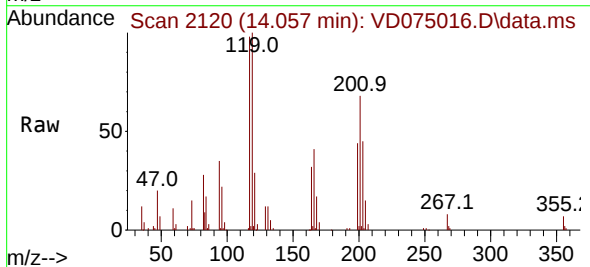
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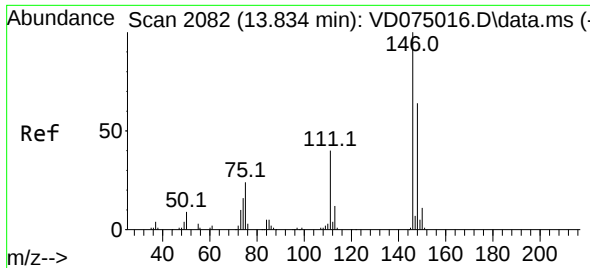
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 48.831 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion:117 Resp: 61507
Ion Ratio Lower Upper
117 100
201 68.2 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 49.827 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 15704

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

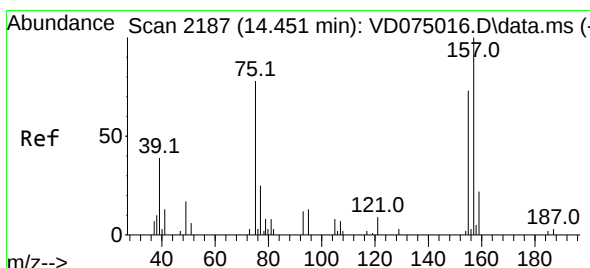
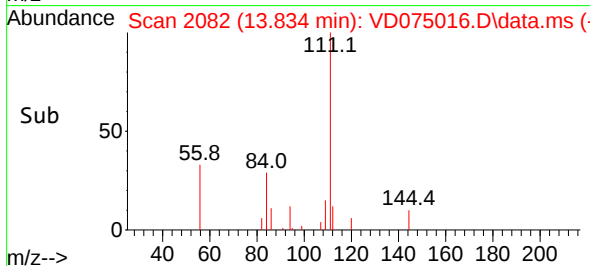
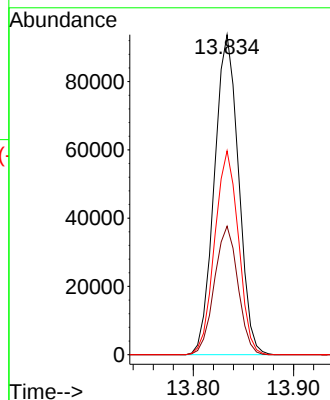
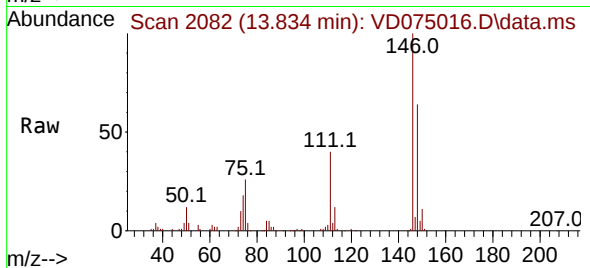
148 62.5 31.3 93.8

Manual Integrations

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Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.015 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075016.D

Acq: 14 Dec 2022 12:01

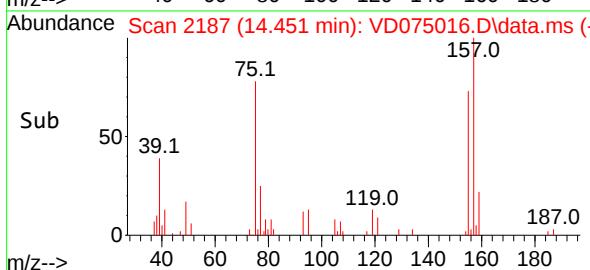
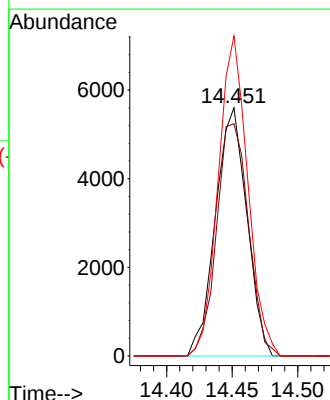
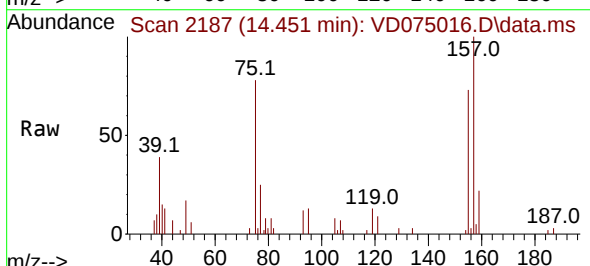
Tgt Ion: 75 Resp: 9327

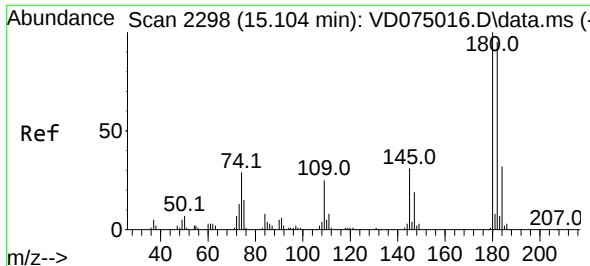
Ion Ratio Lower Upper

75 100

155 95.3 47.6 142.9

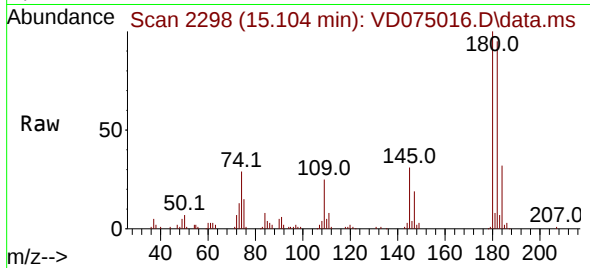
157 120.9 60.5 181.4





#93
1,2,4-Trichlorobenzene
Concen: 49.799 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

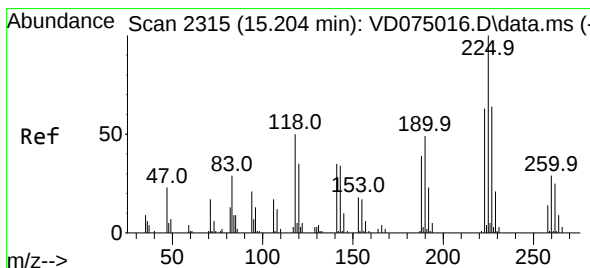
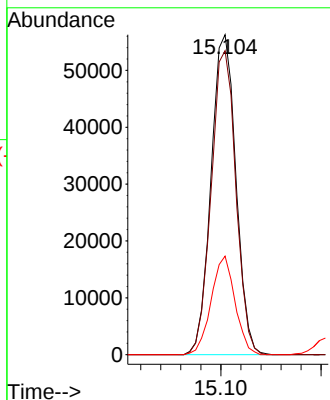
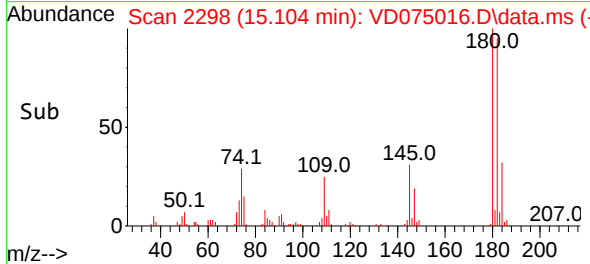
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



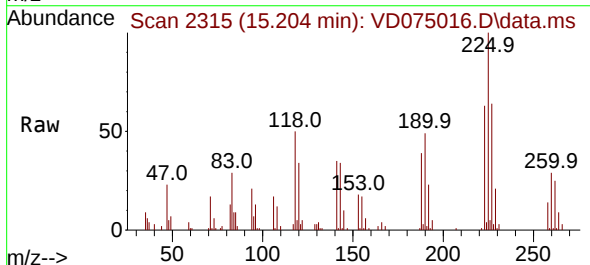
Tgt Ion:180 Resp: 96740
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 29.6 14.8 44.4

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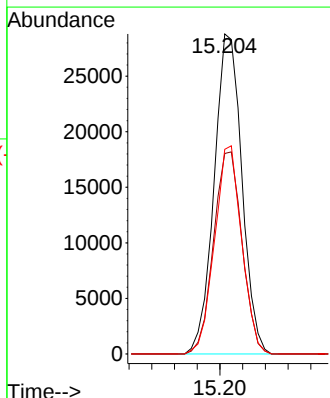
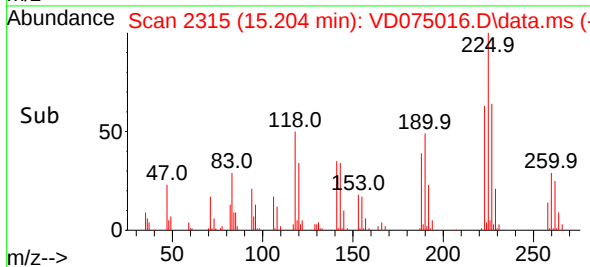
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

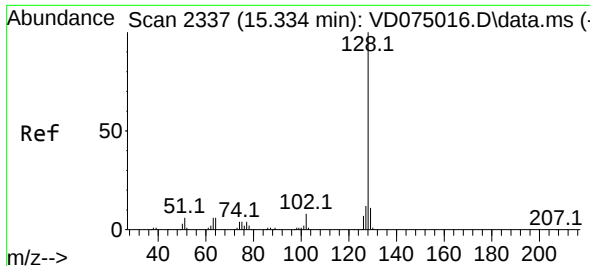


#94
Hexachlorobutadiene
Concen: 48.829 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01



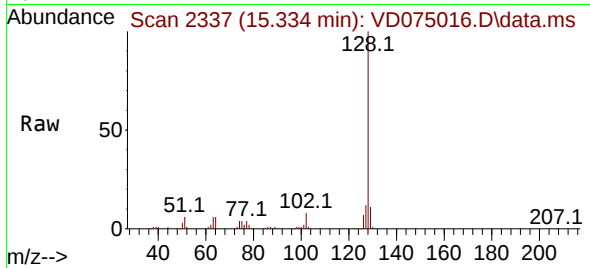
Tgt Ion:225 Resp: 48845
Ion Ratio Lower Upper
225 100
223 64.6 32.3 96.9
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 51.097 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

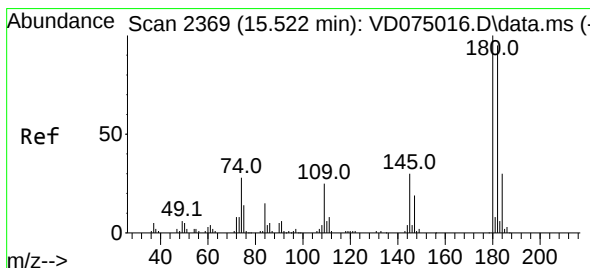
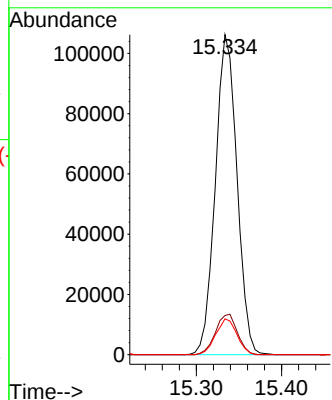
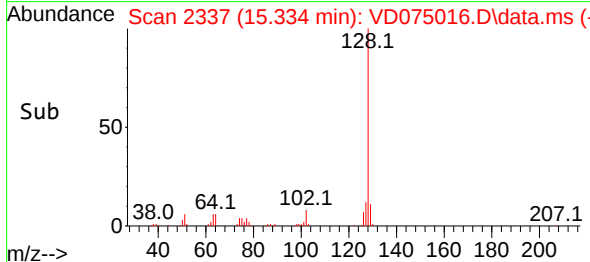
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 187739
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.514 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075016.D
Acq: 14 Dec 2022 12:01

Tgt Ion:180 Resp: 81580
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 31.6 15.8 47.4

