

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075014.D
 Acq On : 14 Dec 2022 11:06
 Operator : KP/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 03:02:57 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	179764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	306358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16053	12.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	24.960%#		
35) Dibromofluoromethane	7.810	113	19687	10.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.540%#		
50) Toluene-d8	10.269	98	61053	10.387	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.780%#		
62) 4-Bromofluorobenzene	12.575	95	18070	9.575	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.140%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12154	11.489	ug/l	97
3) Chloromethane	2.146	50	25090	12.478	ug/l	97
4) Vinyl Chloride	2.281	62	24549	11.287	ug/l	97
5) Bromomethane	2.687	94	17422	11.035	ug/l	99
6) Chloroethane	2.834	64	17775	11.048	ug/l	97
7) Trichlorofluoromethane	3.169	101	28354	10.706	ug/l	95
8) Diethyl Ether	3.593	74	8907	11.251	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	17356	10.057	ug/l	98
10) Methyl Iodide	4.158	142	11556	8.586	ug/l	98
11) Tert butyl alcohol	5.063	59	5516	56.642	ug/l #	76
12) 1,1-Dichloroethene	3.934	96	17375	10.511	ug/l #	88
13) Acrolein	3.799	56	9162	51.729	ug/l	97
14) Allyl chloride	4.564	41	19220	10.173	ug/l	99
15) Acrylonitrile	5.258	53	16985	50.842	ug/l	99
16) Acetone	4.028	43	16548	49.567	ug/l	96
17) Carbon Disulfide	4.269	76	45730	12.139	ug/l	97
18) Methyl Acetate	4.564	43	9498	10.318	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	34834	9.906	ug/l	95
20) Methylene Chloride	4.793	84	31309	12.153	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	18877	10.473	ug/l	95
22) Diisopropyl ether	6.216	45	42862	9.916	ug/l	95
23) Vinyl Acetate	6.163	43	92726m	51.124	ug/l	
24) 1,1-Dichloroethane	6.111	63	32380	10.555	ug/l	94
25) 2-Butanone	7.087	43	21360	50.799	ug/l	95
26) 2,2-Dichloropropane	7.069	77	28976	10.051	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	21748	10.207	ug/l	98
28) Bromochloromethane	7.428	49	10409	10.611	ug/l	98
29) Tetrahydrofuran	7.446	42	11060	49.142	ug/l	99
30) Chloroform	7.599	83	34316	10.258	ug/l	96
31) Cyclohexane	7.875	56	25571	11.119	ug/l #	93
32) 1,1,1-Trichloroethane	7.793	97	28988	10.129	ug/l	99
36) 1,1-Dichloropropene	8.010	75	24010	9.530	ug/l	99
37) Ethyl Acetate	7.163	43	9282	9.415	ug/l #	94
38) Carbon Tetrachloride	7.987	117	21243	9.013	ug/l	96
39) Methylcyclohexane	9.275	83	23158	9.029	ug/l	93
40) Benzene	8.252	78	73073	9.657	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4880	9.548	ug/l	88
42) 1,2-Dichloroethane	8.328	62	18540	10.211	ug/l	96
43) Isopropyl Acetate	8.363	43	15671	9.476	ug/l #	90
44) Trichloroethene	9.028	130	20680	10.443	ug/l	90
45) 1,2-Dichloropropane	9.310	63	15242	8.885	ug/l	100
46) Dibromomethane	9.393	93	8512	9.133	ug/l	96
47) Bromodichloromethane	9.587	83	21230	8.973	ug/l #	90
48) Methyl methacrylate	9.375	41	6267	8.632	ug/l	93
49) 1,4-Dioxane	9.381	88	1689	161.897	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	35580	43.042	ug/l	98
52) Toluene	10.334	92	39537	8.843	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	18654	8.554	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	23020	8.702	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	12521	9.200	ug/l	92
56) Ethyl methacrylate	10.598	69	12522	8.381	ug/l	99
57) 1,3-Dichloropropane	10.881	76	20145	9.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	24904	41.018	ug/l	99
59) 2-Hexanone	10.922	43	25095	41.686	ug/l	99
60) Dibromochloromethane	11.075	129	13863	8.721	ug/l	96
61) 1,2-Dibromoethane	11.181	107	11218	9.131	ug/l	98
64) Tetrachloroethene	10.810	164	14243	10.223	ug/l	97
65) Chlorobenzene	11.610	112	44196	10.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	15121	9.776	ug/l	98
67) Ethyl Benzene	11.687	91	73042	9.608	ug/l	98
68) m/p-Xylenes	11.793	106	58367	19.566	ug/l	99
69) o-Xylene	12.122	106	27554	9.751	ug/l	95
70) Styrene	12.134	104	45964	9.464	ug/l	100
71) Bromoform	12.304	173	8061	10.139	ug/l #	100
73) Isopropylbenzene	12.422	105	71304	9.472	ug/l	99
74) N-amyl acetate	12.234	43	12153	9.238	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	13734	10.149	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	10230m	10.351	ug/l	
77) Bromobenzene	12.704	156	16925	9.882	ug/l	99
78) n-propylbenzene	12.763	91	87774	9.523	ug/l	100
79) 2-Chlorotoluene	12.851	91	48822	9.724	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	59207	9.515	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	3700	9.513	ug/l	94
82) 4-Chlorotoluene	12.951	91	52040	9.995	ug/l	99
83) tert-Butylbenzene	13.169	119	49433	9.226	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	59004	9.563	ug/l	99
85) sec-Butylbenzene	13.345	105	78939	9.465	ug/l	100
86) p-Isopropyltoluene	13.463	119	64540	9.287	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	35635	9.844	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	36493	10.214	ug/l	98
89) n-Butylbenzene	13.787	91	60745	9.350	ug/l	98
90) Hexachloroethane	14.051	117	11783	9.542	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	31344	10.144	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1856	10.355	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	18371	9.646	ug/l	99
94) Hexachlorobutadiene	15.204	225	9164	9.345	ug/l	97
95) Naphthalene	15.334	128	34198	9.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	15604	9.660	ug/l	99

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/15/2022

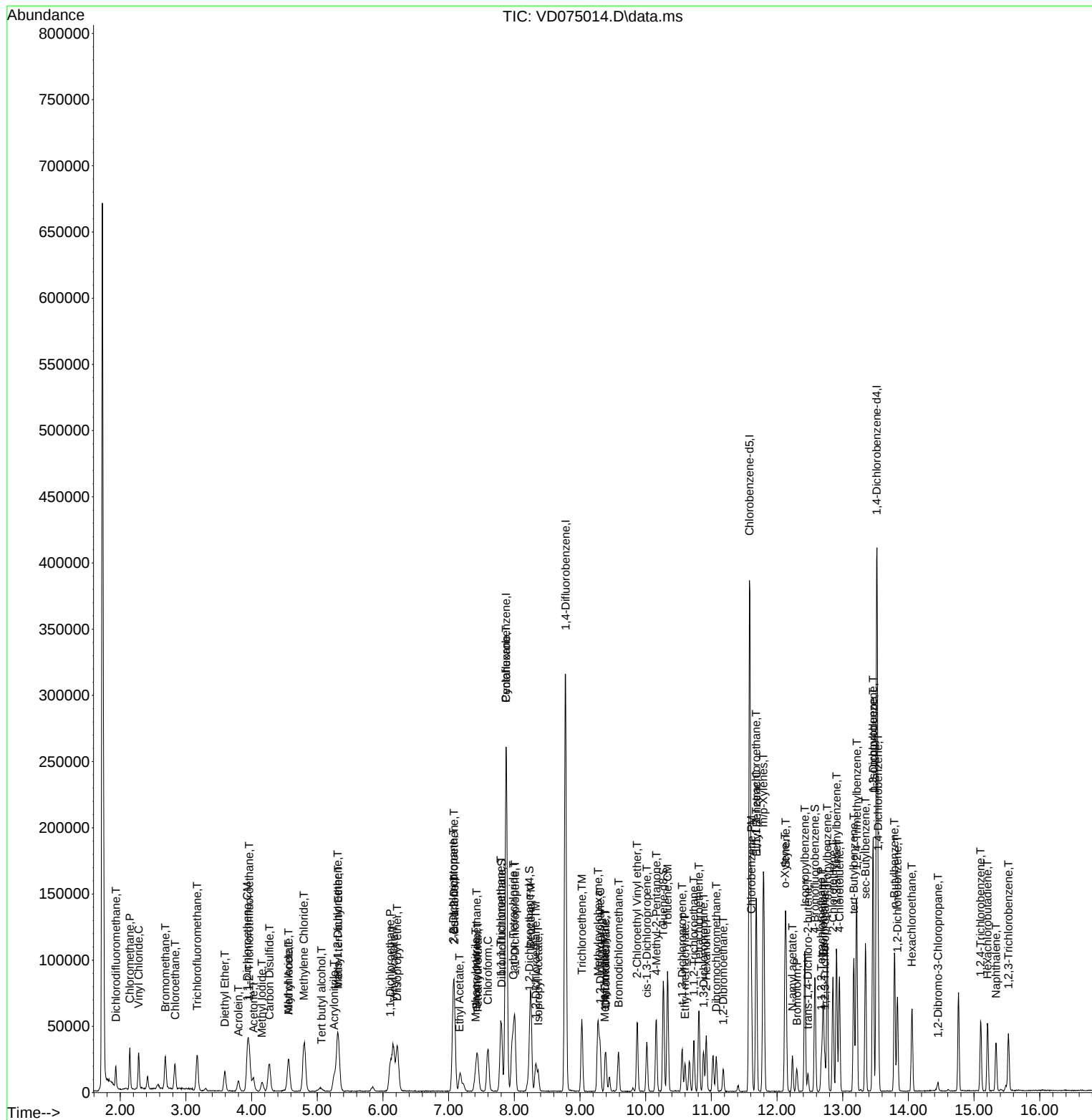
Quant Time: Dec 15 03:02:57 2022

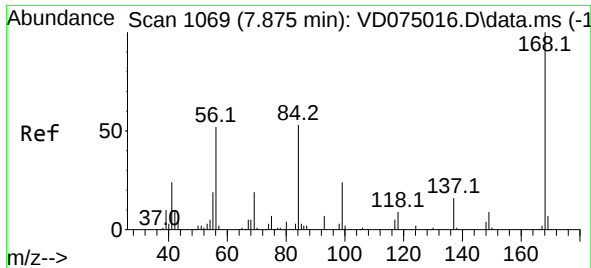
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Quant Title : SW846 8260

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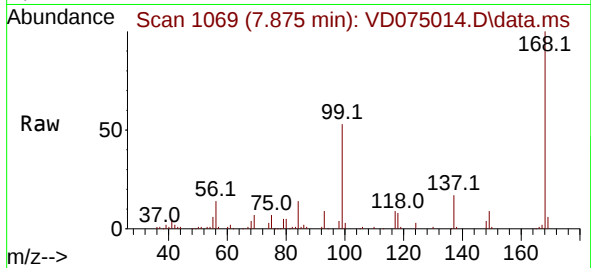
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

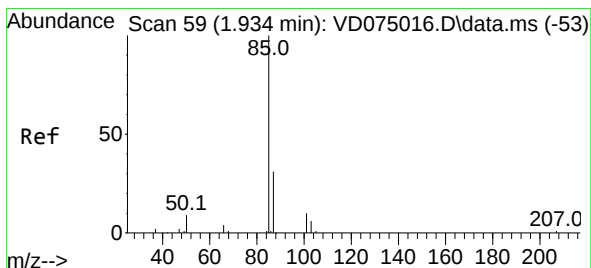
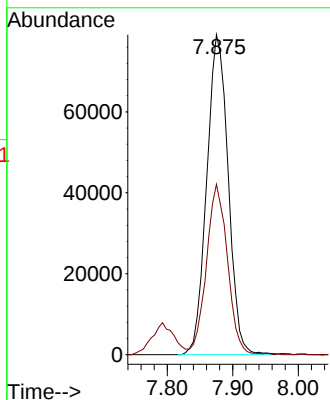
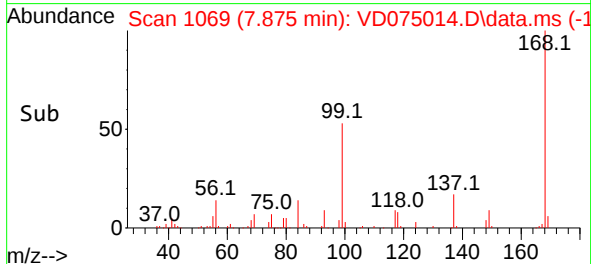
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 179764
Ion Ratio Lower Upper
168 100
99 53.0 41.0 61.4

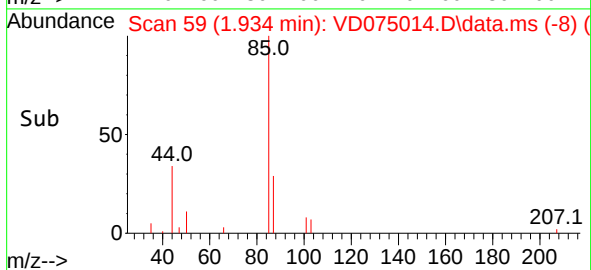
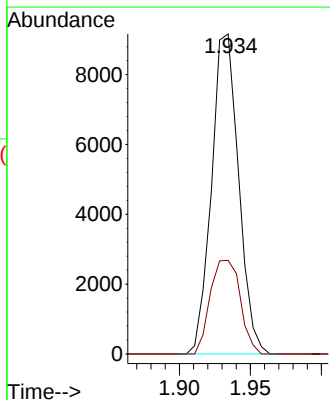
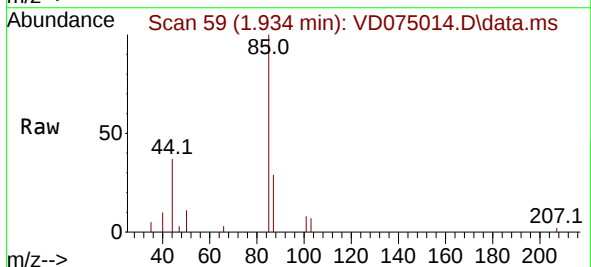
Manual Integrations
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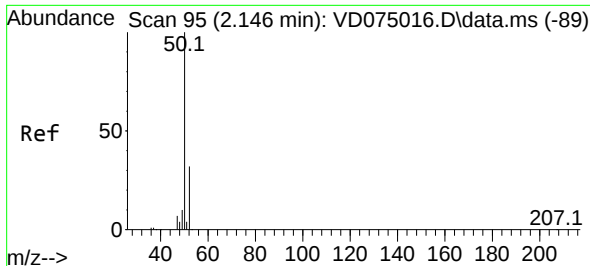
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 11.489 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

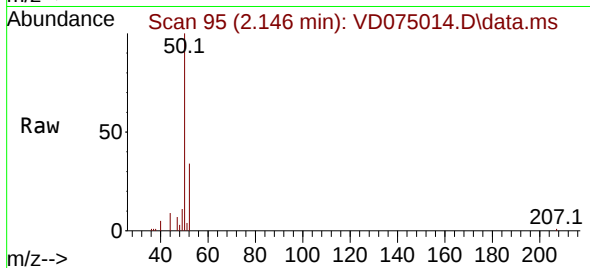
Tgt Ion: 85 Resp: 12154
Ion Ratio Lower Upper
85 100
87 29.3 15.4 46.1





#3
Chloromethane
Concen: 12.478 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

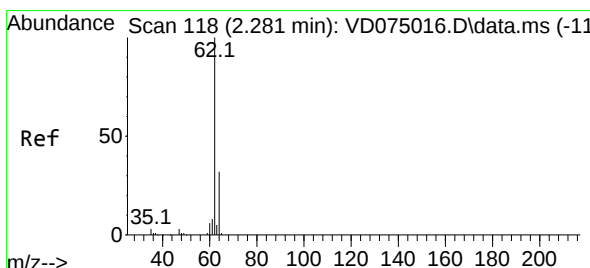
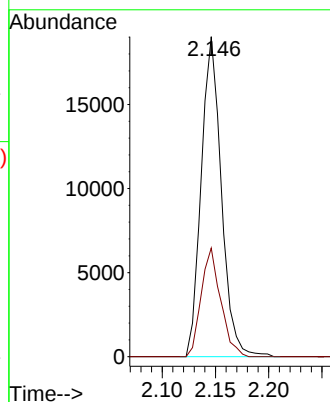
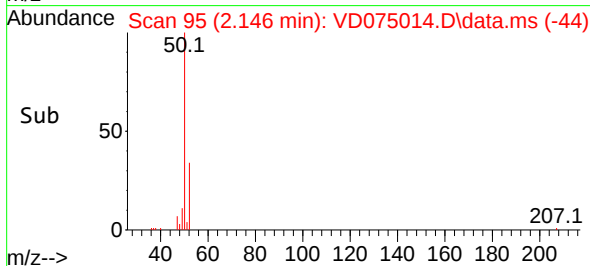
Instrument :
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ClientSampleId :
VSTDICC010



Tgt Ion: 50 Resp: 25090
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.8

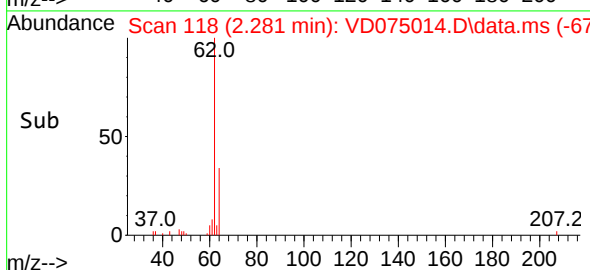
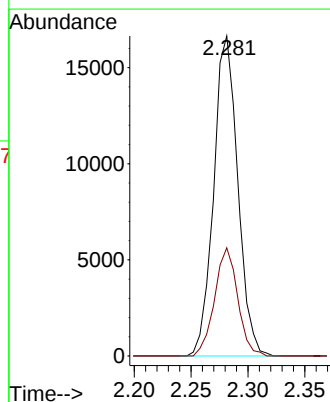
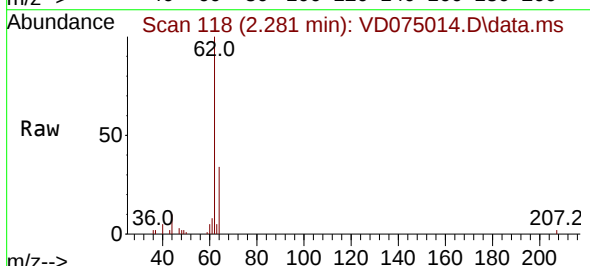
Manual Integrations
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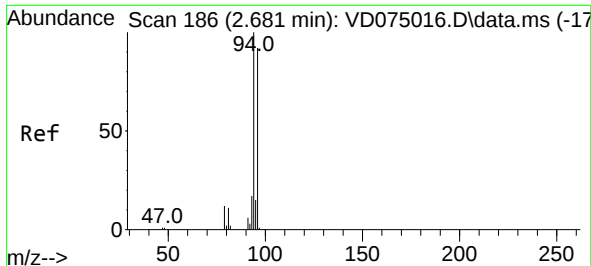
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 11.287 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

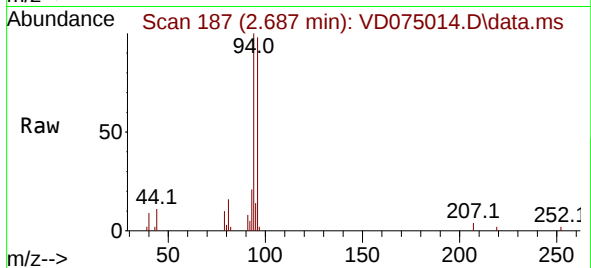
Tgt Ion: 62 Resp: 24549
Ion Ratio Lower Upper
62 100
64 33.8 25.7 38.5





#5
Bromomethane
Concen: 11.035 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

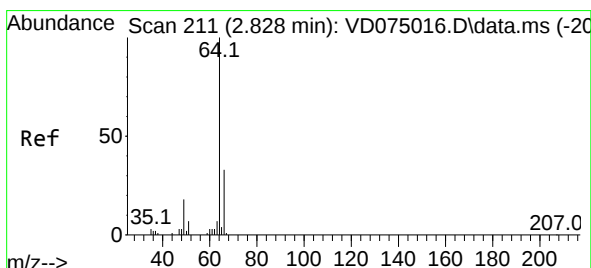
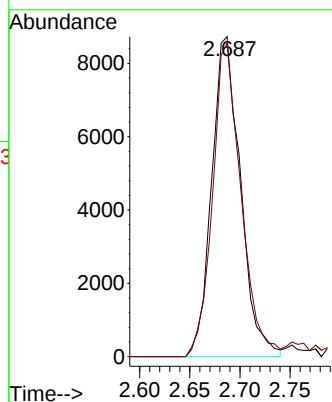
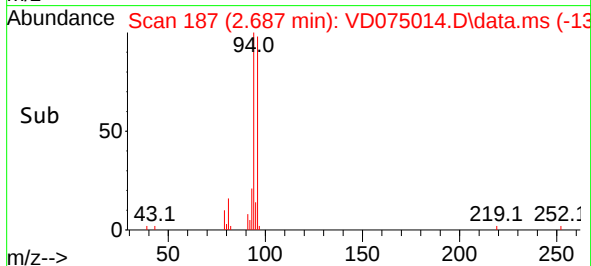
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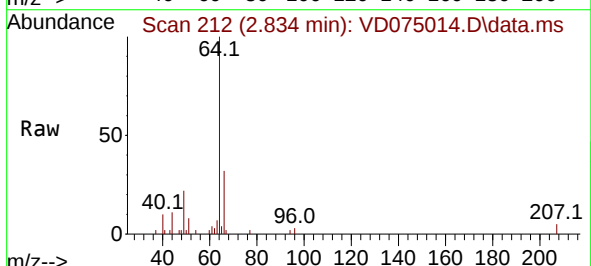
Tgt Ion: 94 Resp: 1742
Ion Ratio Lower Upper
94 100
96 96.5 76.2 114.2

Manual Integrations
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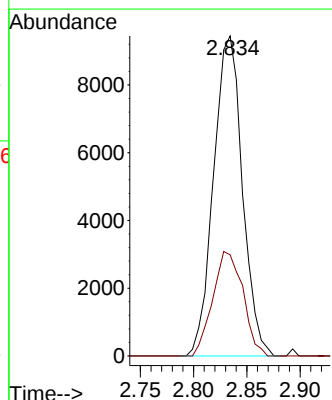
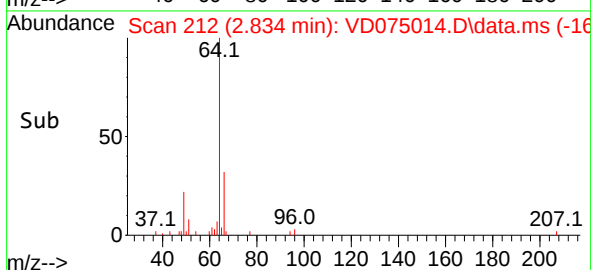
Reviewed By :Krupa Patel 12/15/2022
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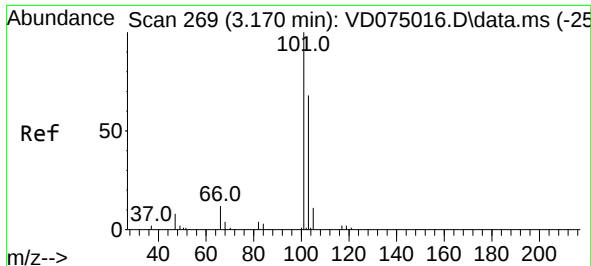


#6
Chloroethane
Concen: 11.048 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06



Tgt Ion: 64 Resp: 17775
Ion Ratio Lower Upper
64 100
66 31.6 26.6 40.0





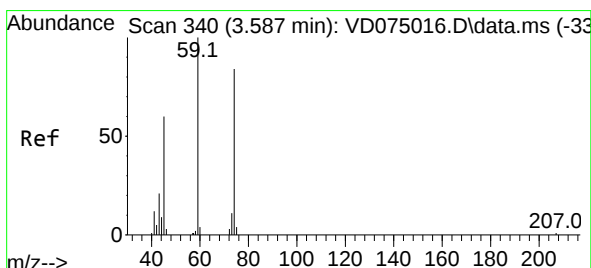
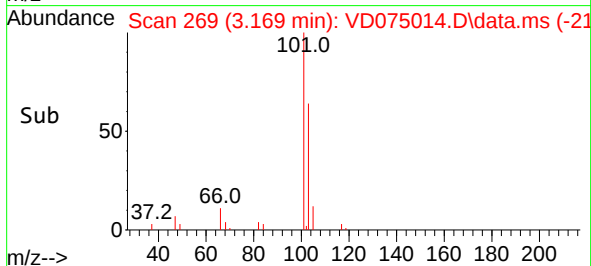
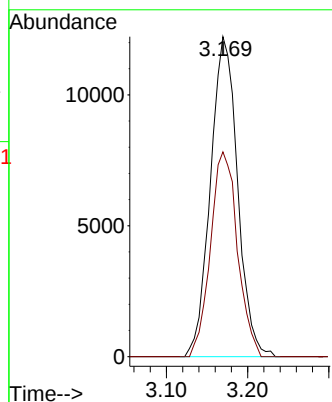
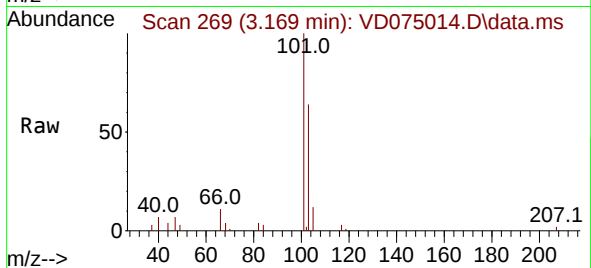
#7
Trichlorofluoromethane
Concen: 10.706 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
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Tgt Ion:101 Resp: 28354
Ion Ratio Lower Upper
101 100
103 64.0 54.5 81.7

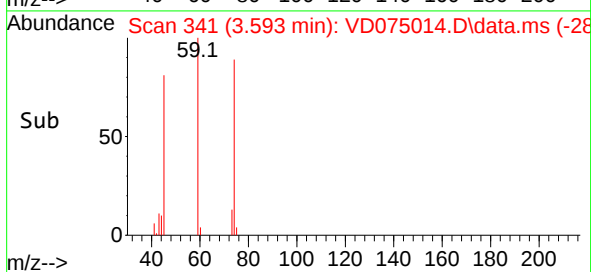
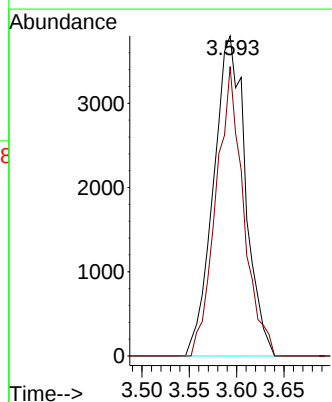
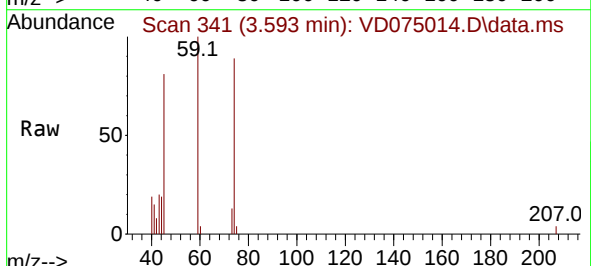
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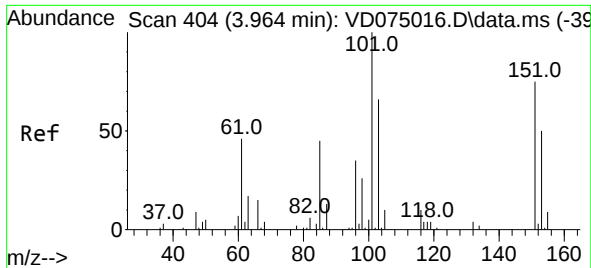
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#8
Diethyl Ether
Concen: 11.251 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion: 74 Resp: 8907
Ion Ratio Lower Upper
74 100
45 77.8 39.8 119.4





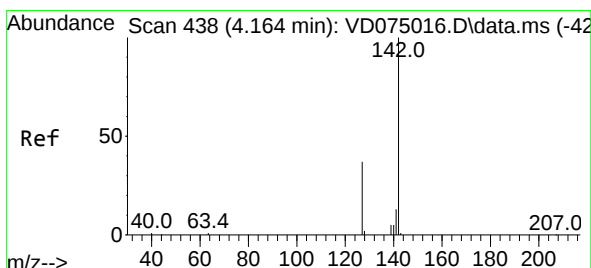
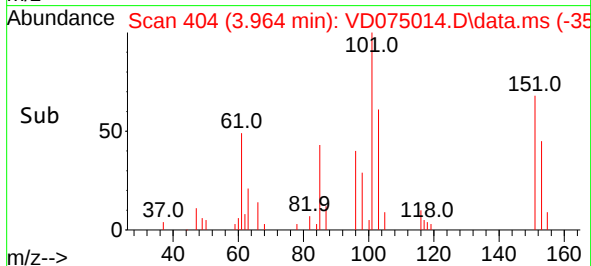
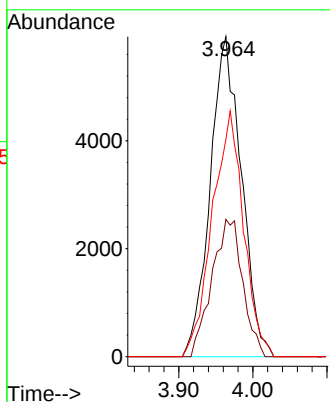
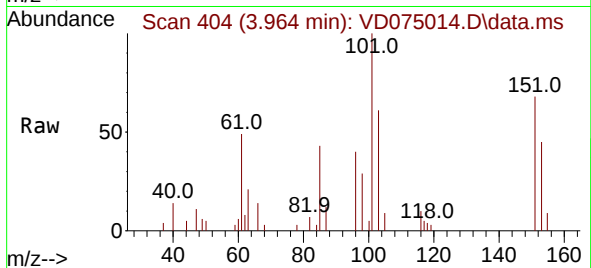
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.057 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 17350
Ion Ratio Lower Upper
101 100
85 42.2 33.6 50.4
151 76.9 59.4 89.2

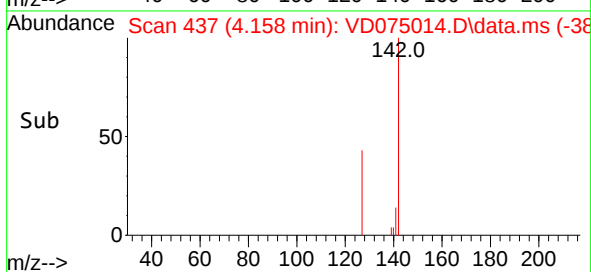
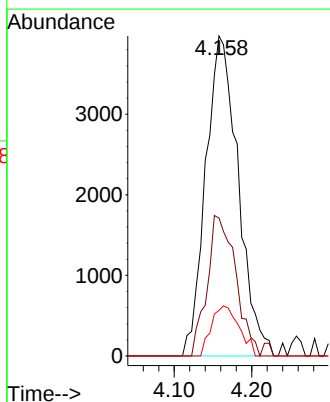
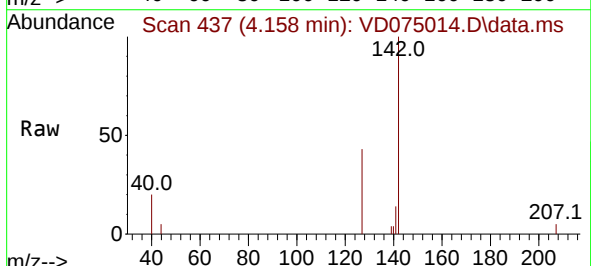
Manual Integrations
APPROVED

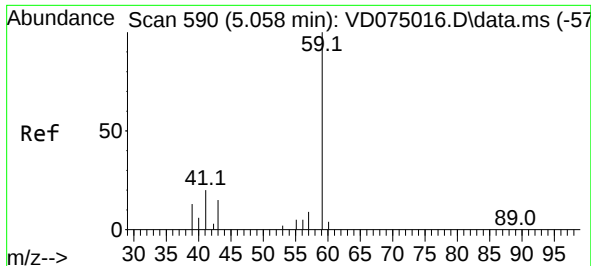
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#10
Methyl Iodide
Concen: 8.586 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:142 Resp: 11556
Ion Ratio Lower Upper
142 100
127 38.6 32.2 48.2
141 13.4 10.9 16.3





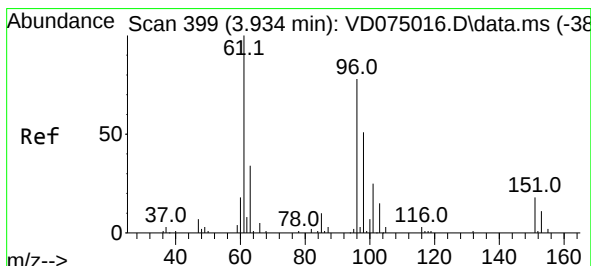
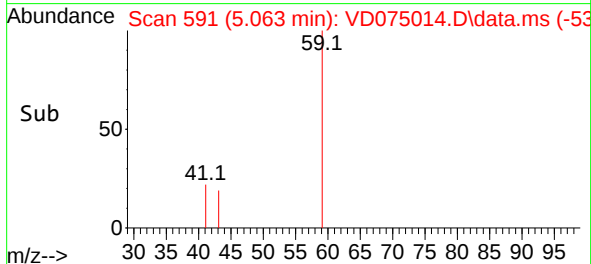
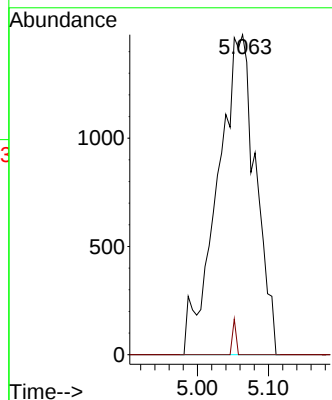
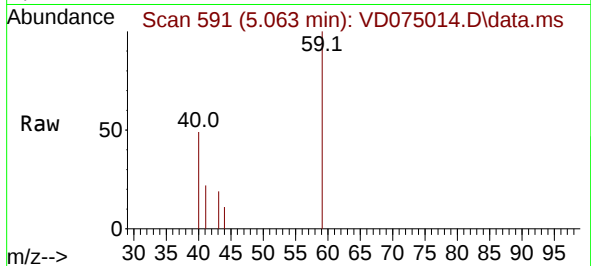
#11
Tert butyl alcohol
Concen: 56.642 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC010

Tgt Ion: 59 Resp: 5510
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.6

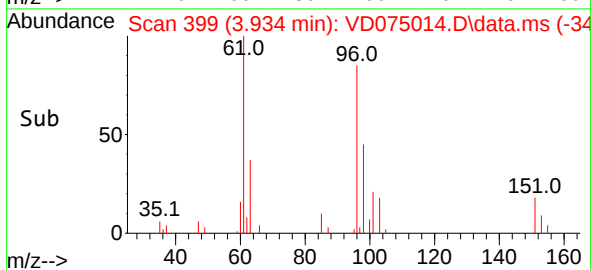
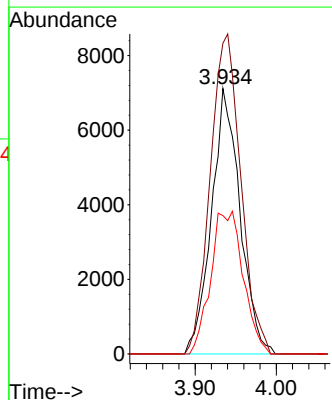
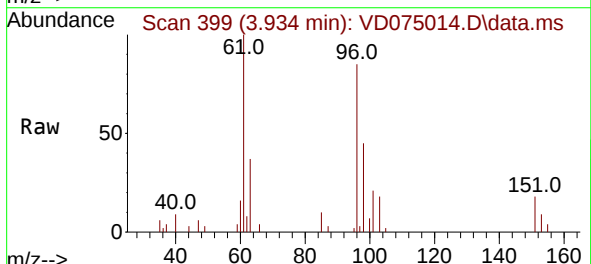
Manual Integrations
APPROVED

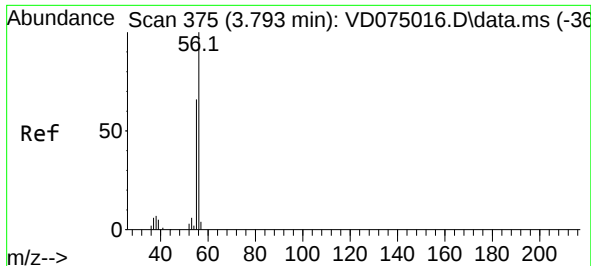
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 10.511 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

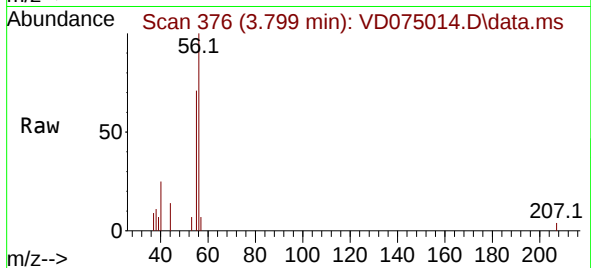
Tgt Ion: 96 Resp: 17375
Ion Ratio Lower Upper
96 100
61 117.1 102.1 153.1
98 52.2 52.2 78.4





#13
Acrolein
Concen: 51.729 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

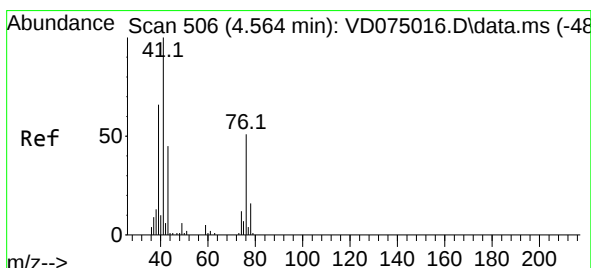
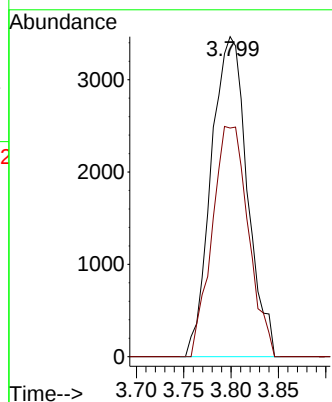
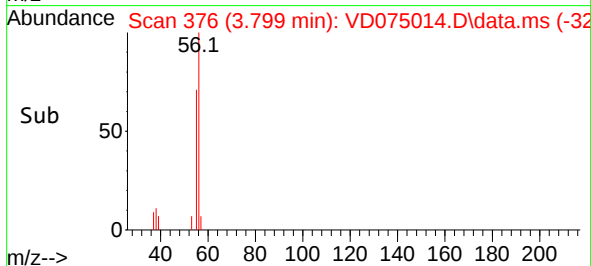
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 9162
Ion Ratio Lower Upper
56 100
55 72.3 55.9 83.9

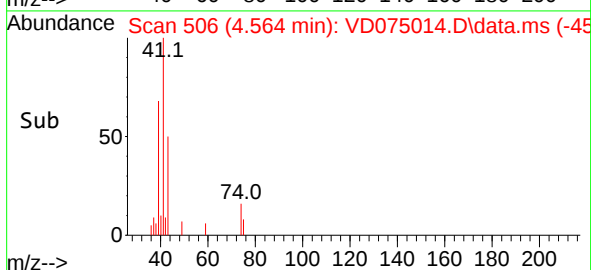
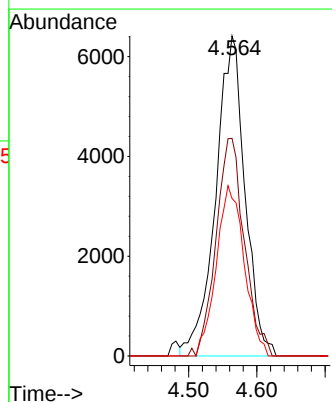
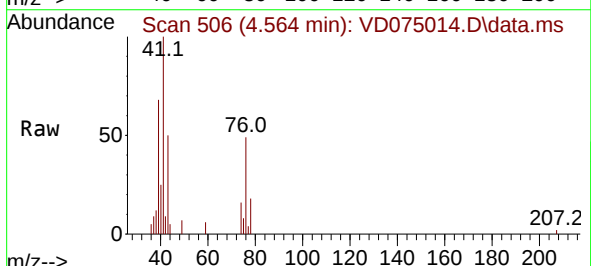
Manual Integrations
APPROVED

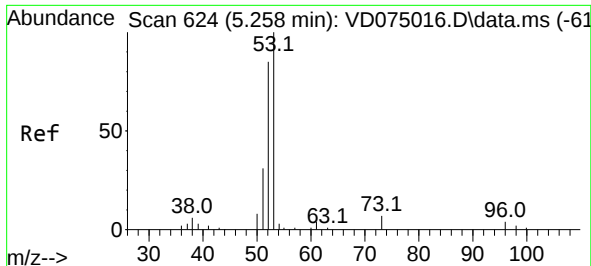
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#14
Allyl chloride
Concen: 10.173 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

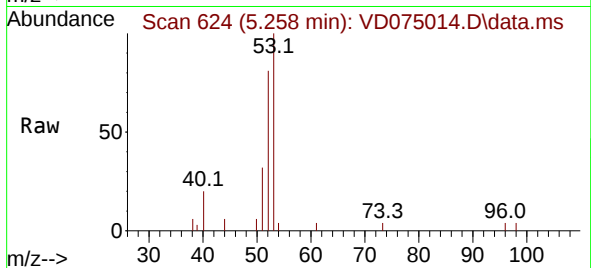
Tgt Ion: 41 Resp: 19220
Ion Ratio Lower Upper
41 100
39 65.6 51.7 77.5
76 50.8 40.7 61.1





#15
Acrylonitrile
Concen: 50.842 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

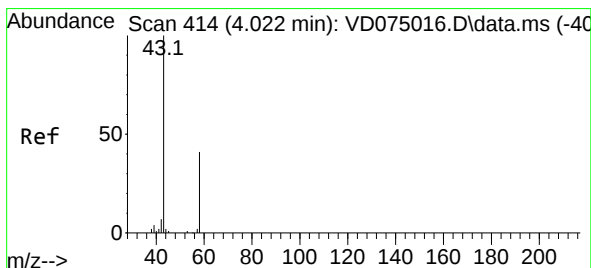
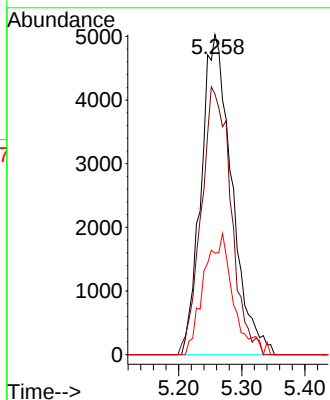
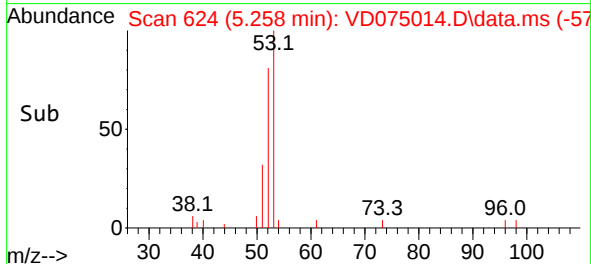
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 1698
Ion Ratio Lower Upper
53 100
52 81.1 66.1 99.1
51 35.7 28.4 42.6

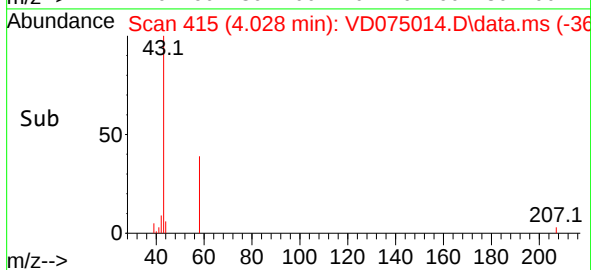
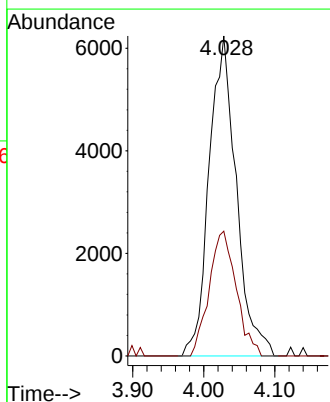
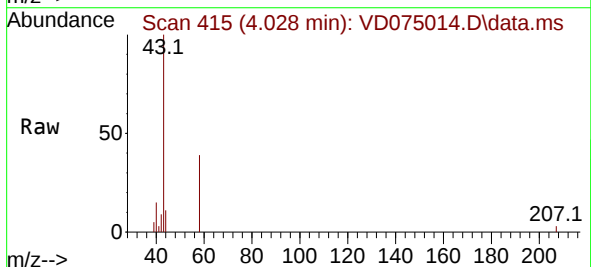
Manual Integrations
APPROVED

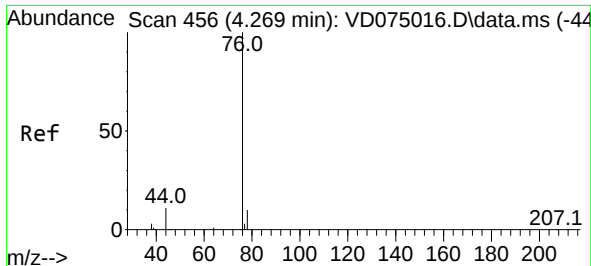
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#16
Acetone
Concen: 49.567 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

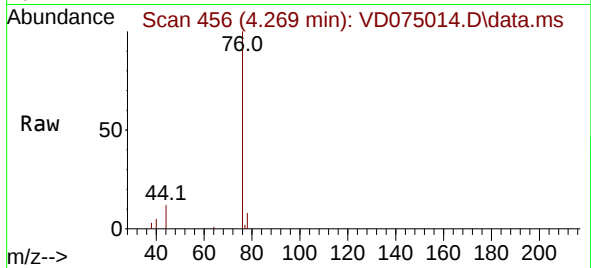
Tgt Ion: 43 Resp: 16548
Ion Ratio Lower Upper
43 100
58 39.0 33.0 49.6





#17
Carbon Disulfide
Concen: 12.139 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

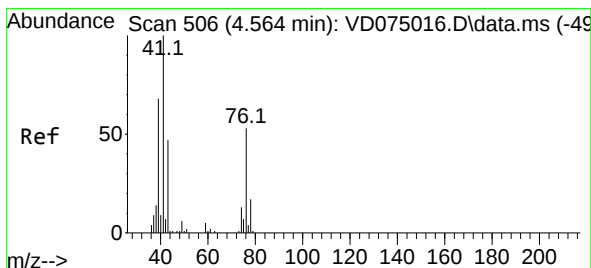
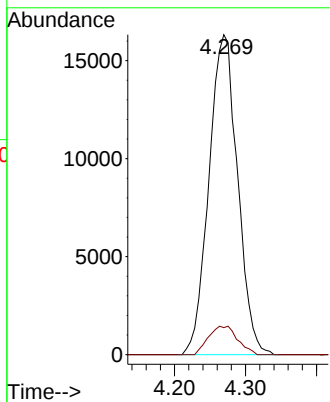
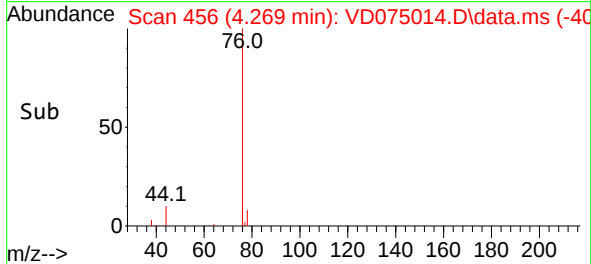
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



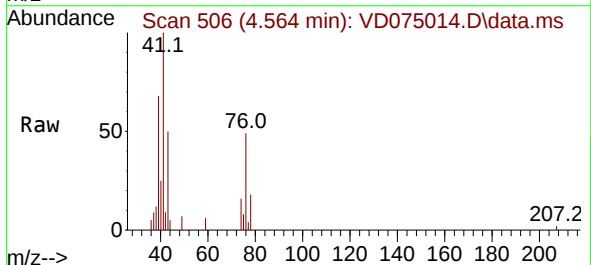
Tgt Ion: 76 Resp: 45730
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5

Manual Integrations
APPROVED

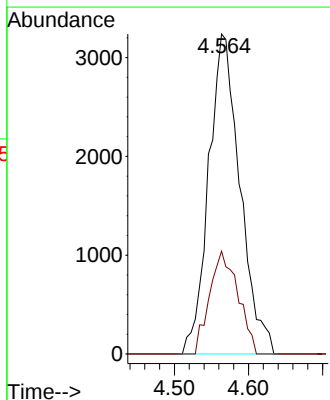
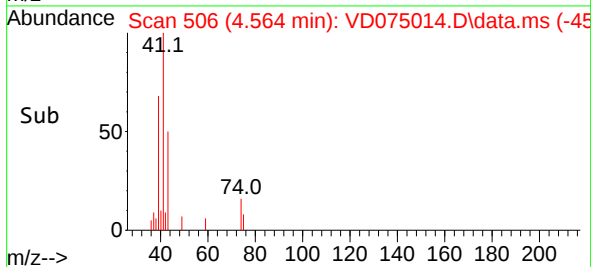
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

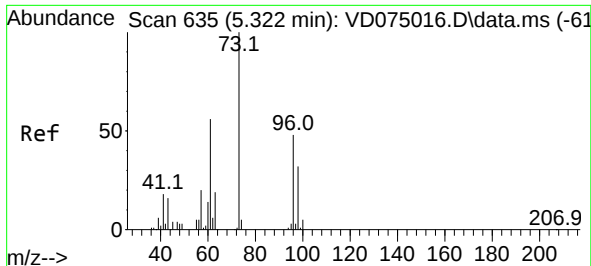


#18
Methyl Acetate
Concen: 10.318 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06



Tgt Ion: 43 Resp: 9498
Ion Ratio Lower Upper
43 100
74 29.0 23.9 35.9





#19

Methyl tert-butyl Ether

Concen: 9.906 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 73 Resp: 34834

Ion Ratio Lower Upper

73 100

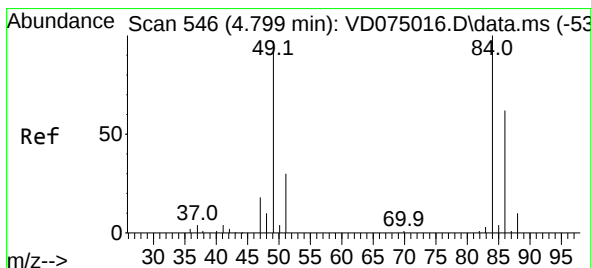
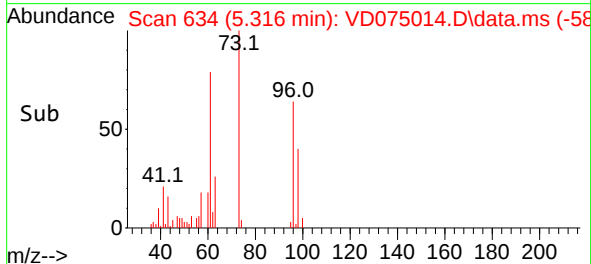
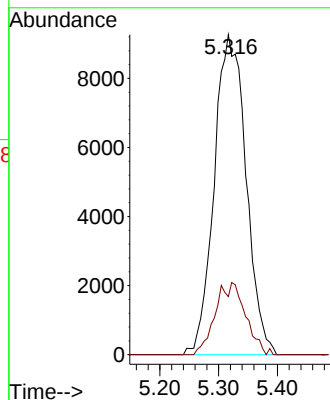
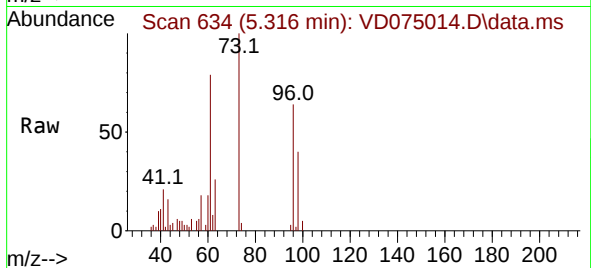
57 18.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#20

Methylene Chloride

Concen: 12.153 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Tgt Ion: 84 Resp: 31309

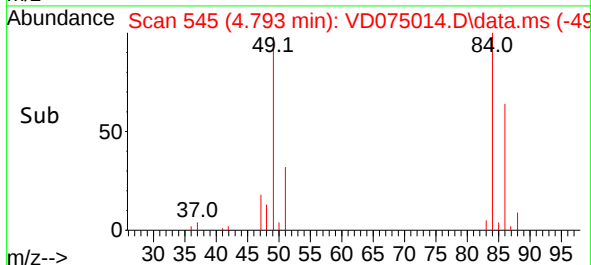
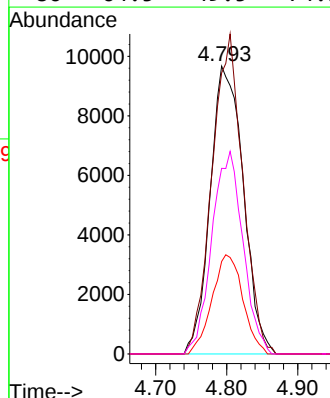
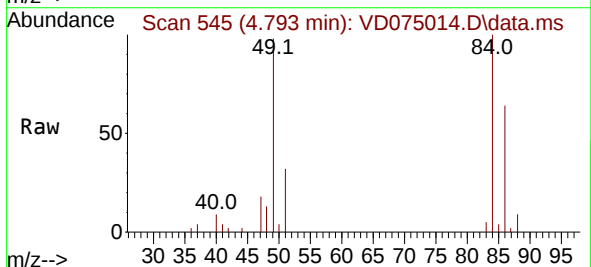
Ion Ratio Lower Upper

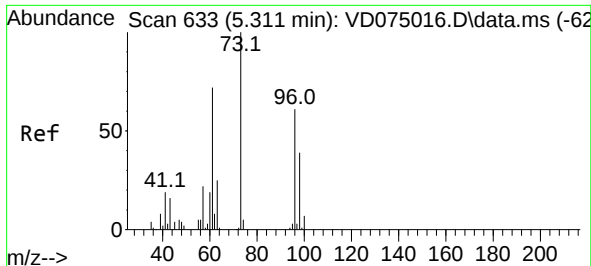
84 100

49 97.7 77.3 115.9

51 32.1 23.8 35.8

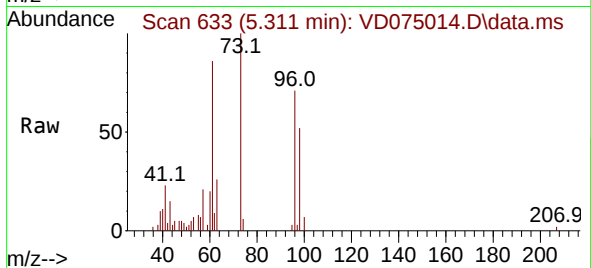
86 64.5 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 10.473 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

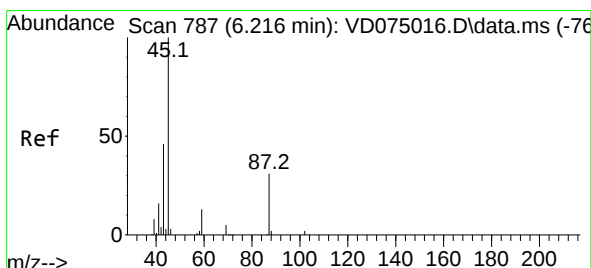
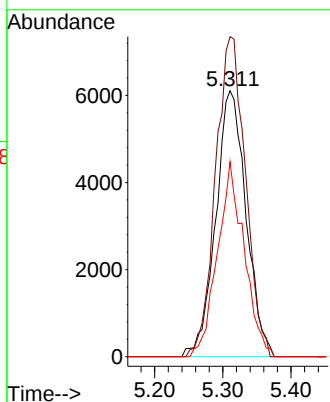
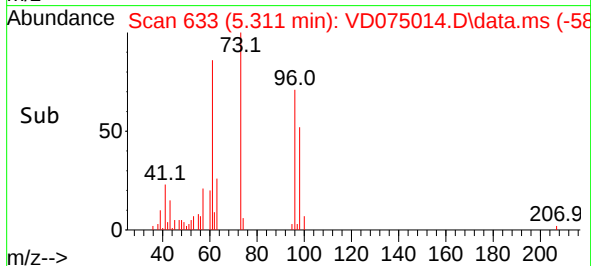
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 96 Resp: 1887
Ion Ratio Lower Upper
96 100
61 120.3 94.6 142.0
98 73.3 51.0 76.6

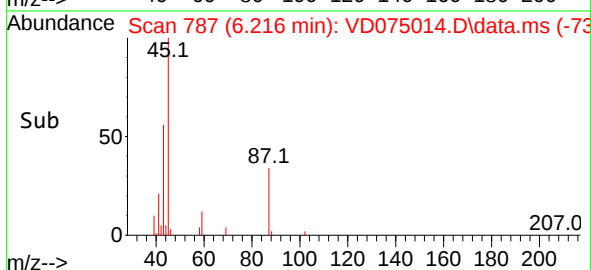
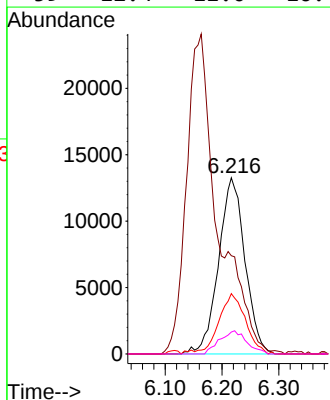
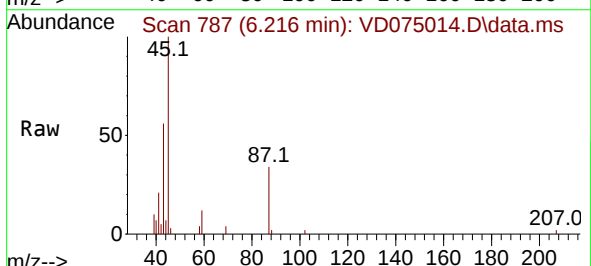
Manual Integrations
APPROVED

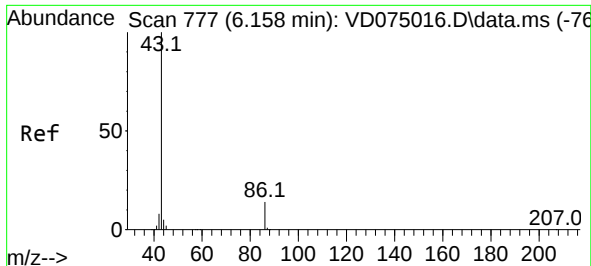
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 9.916 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

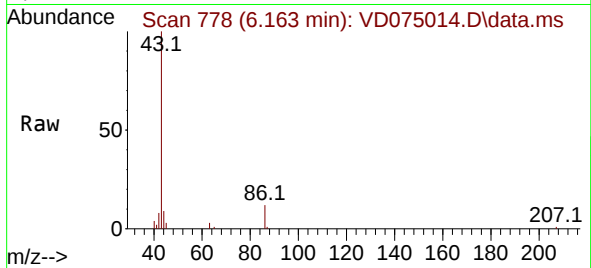
Tgt Ion: 45 Resp: 42862
Ion Ratio Lower Upper
45 100
43 54.3 40.0 60.0
87 34.3 25.8 38.8
59 12.4 11.0 16.4





#23
 Vinyl Acetate
 Concen: 51.124 ug/l m
 RT: 6.163 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06

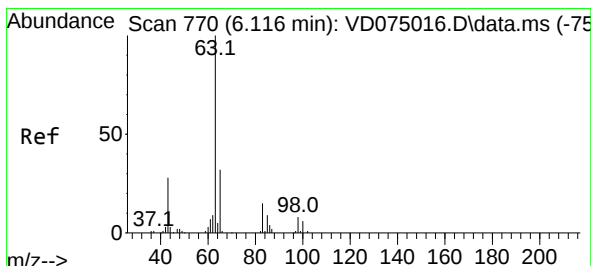
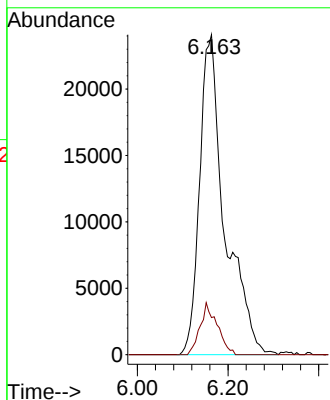
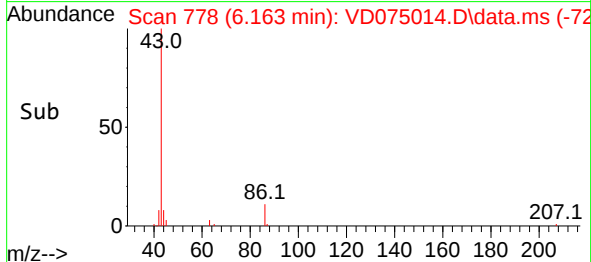
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



Tgt Ion: 43 Resp: 92720
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.9 16.3

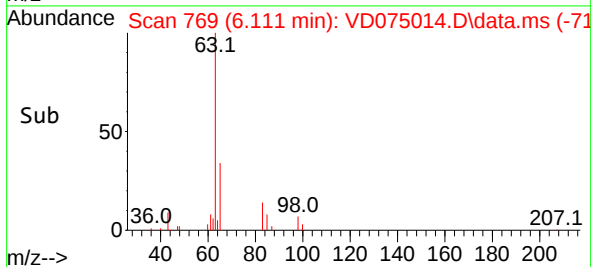
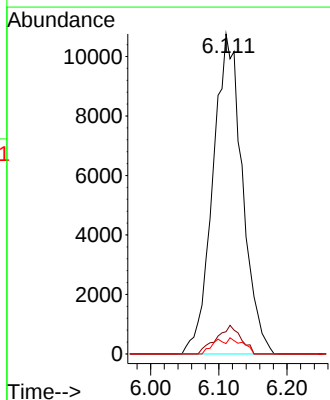
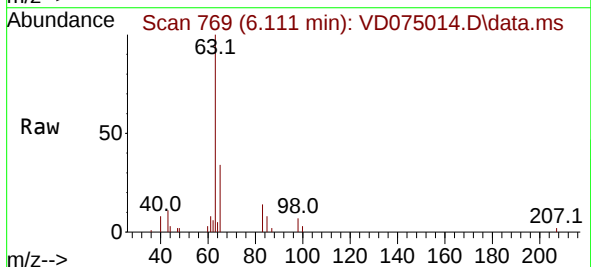
Manual Integrations
 APPROVED

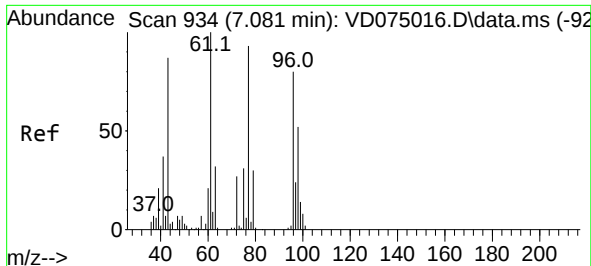
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#24
 1,1-Dichloroethane
 Concen: 10.555 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06

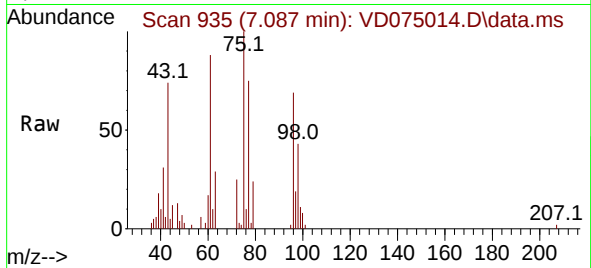
Tgt Ion: 63 Resp: 32380
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.2 12.4
 100 3.3 3.1 9.3





#25
2-Butanone
Concen: 50.799 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

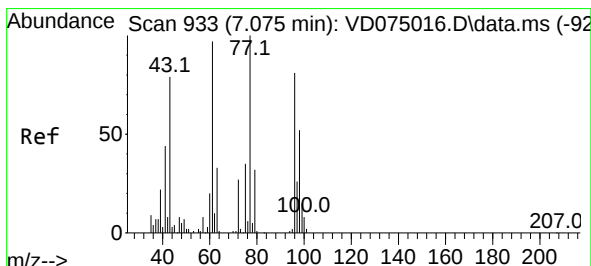
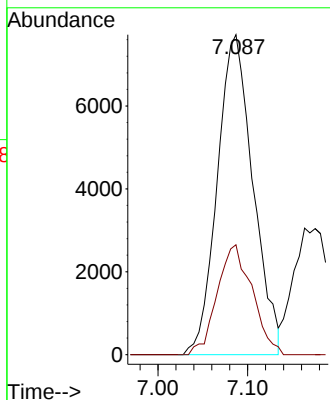
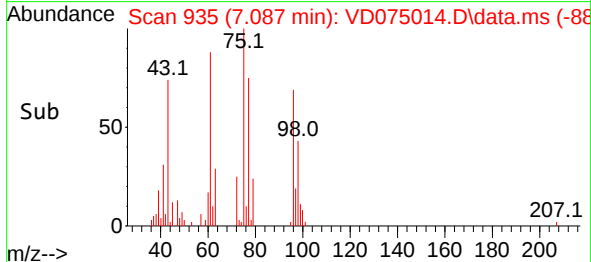
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
72 34.3 25.2 37.8

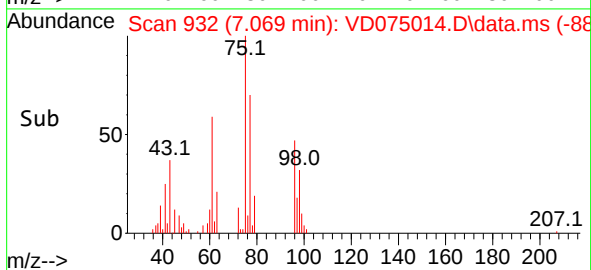
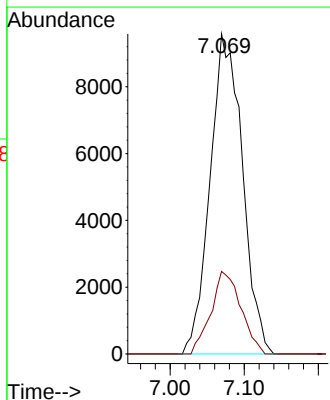
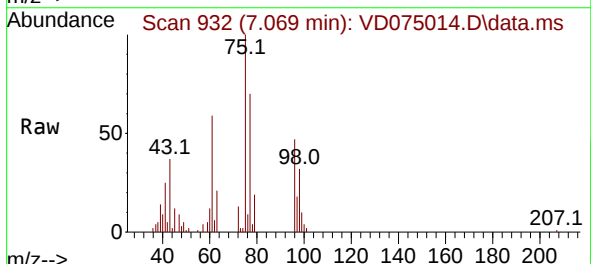
Manual Integrations
APPROVED

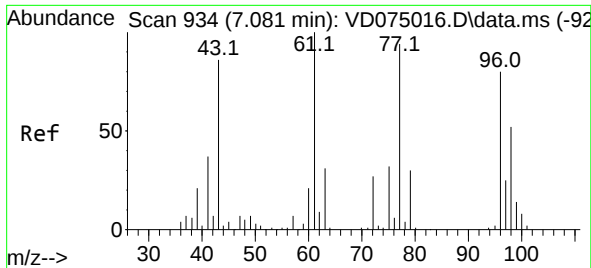
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#26
2,2-Dichloropropane
Concen: 10.051 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion: 77 Resp: 28976
Ion Ratio Lower Upper
77 100
97 23.9 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 10.207 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 2174

Ion Ratio Lower Upper

96 100

61 123.6 0.0 245.2

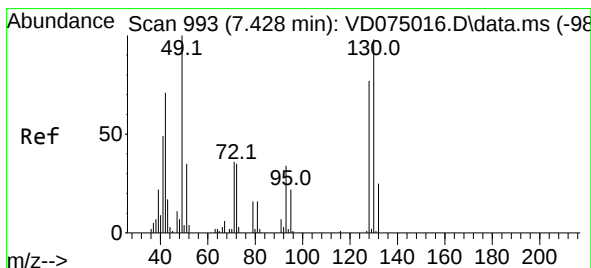
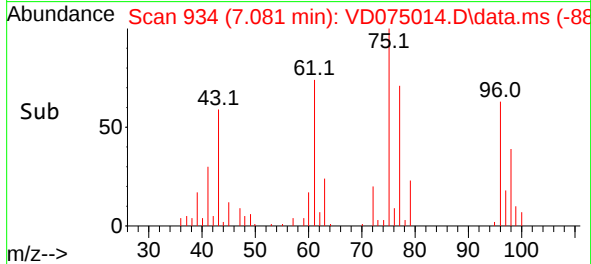
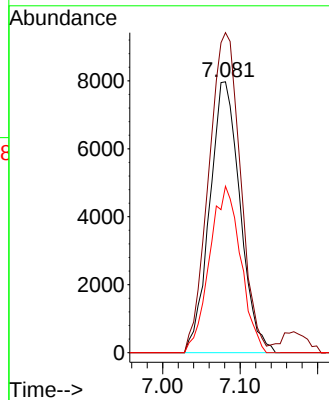
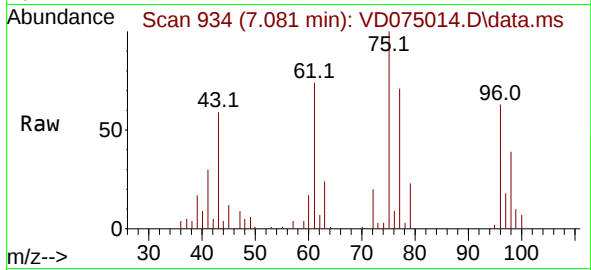
98 62.8 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 10.611 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

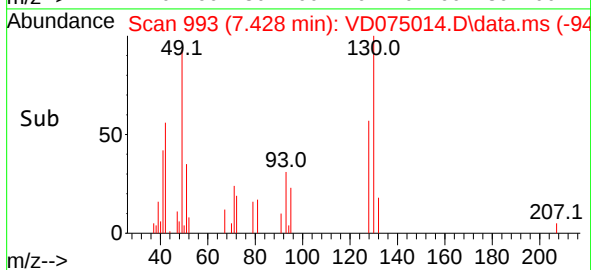
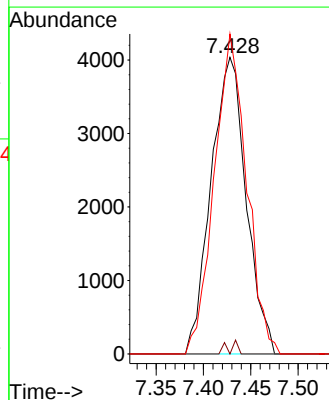
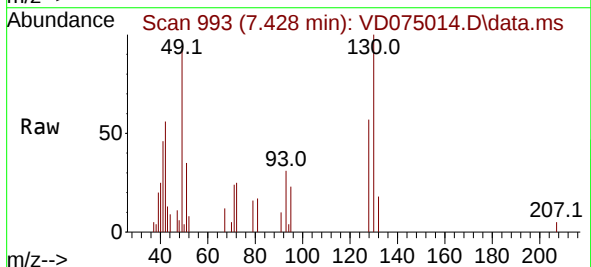
Tgt Ion: 49 Resp: 10409

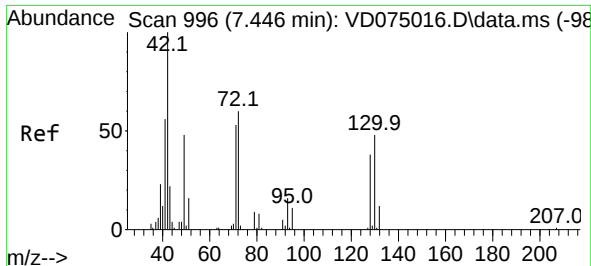
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.4

130 99.4 78.2 117.4





#29

Tetrahydrofuran

Concen: 49.142 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

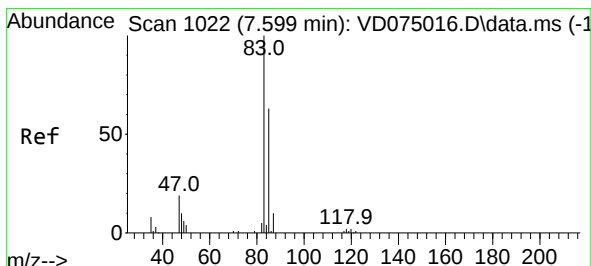
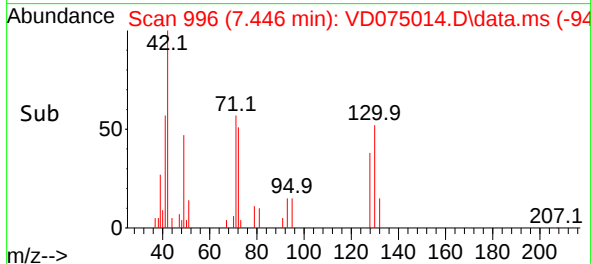
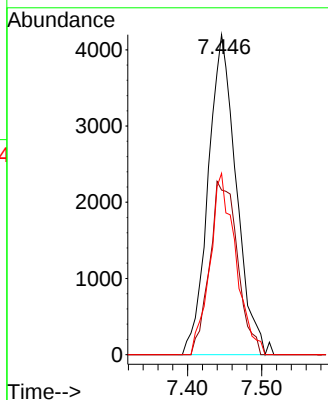
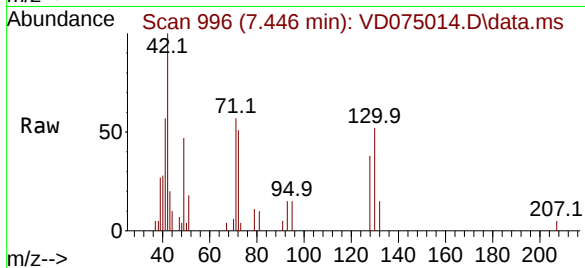
Tgt Ion: 42	Resp: 11060
Ion Ratio	Lower Upper
42	100
72	53.6 44.4 66.6
71	51.9 41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 10.258 ug/l

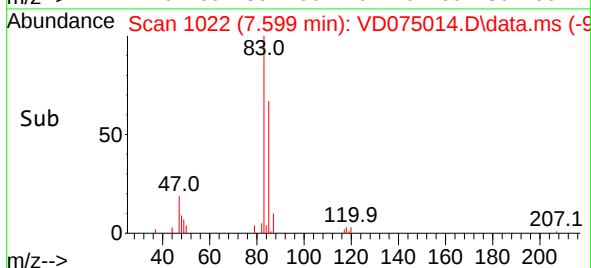
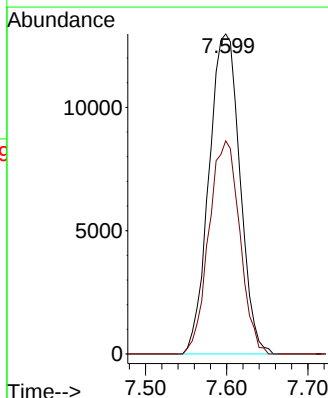
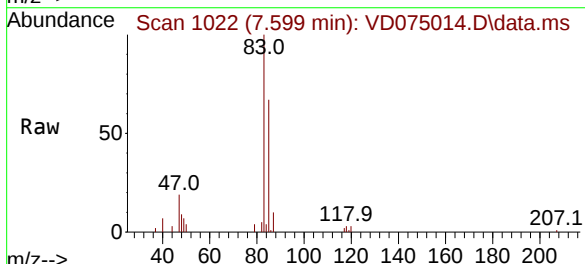
RT: 7.599 min Scan# 1022

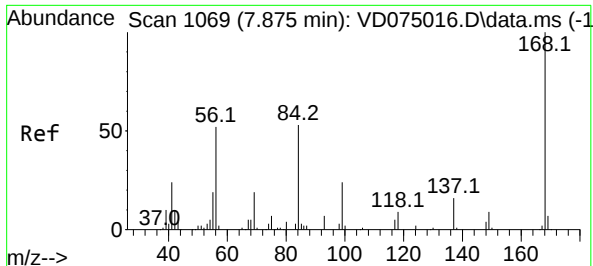
Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

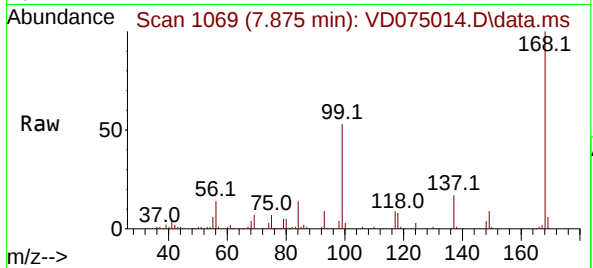
Tgt Ion: 83	Resp: 34316
Ion Ratio	Lower Upper
83	100
85	66.6 50.8 76.2





#31
Cyclohexane
Concen: 11.119 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

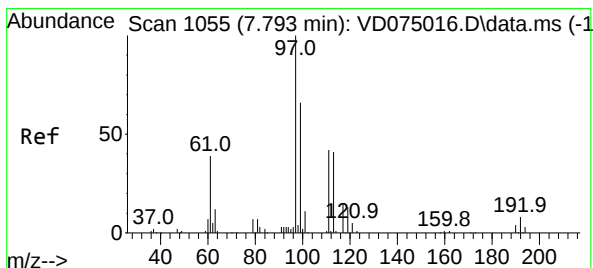
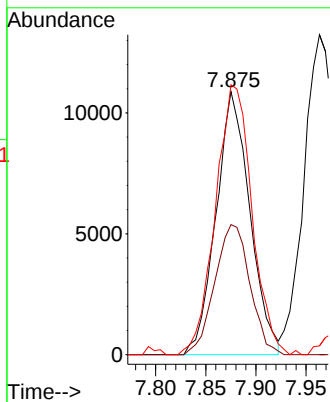
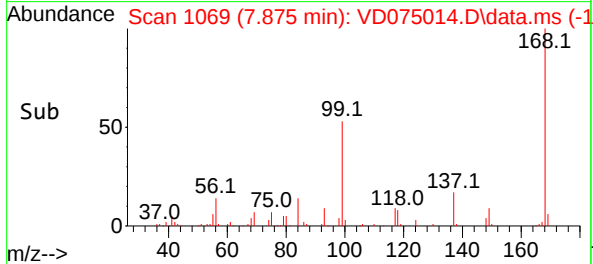
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



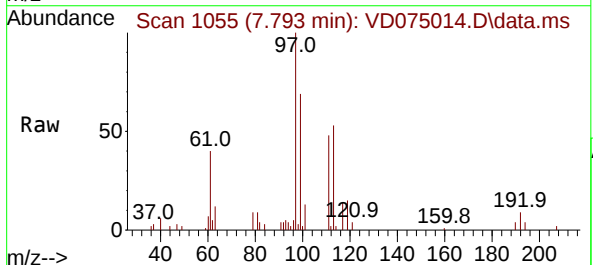
Tgt Ion: 56 Resp: 2557
Ion Ratio Lower Upper
56 100
69 49.5 29.0 43.6
84 102.6 81.0 121.6

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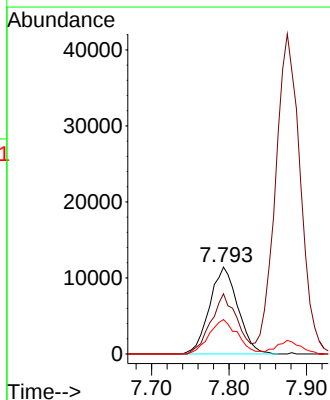
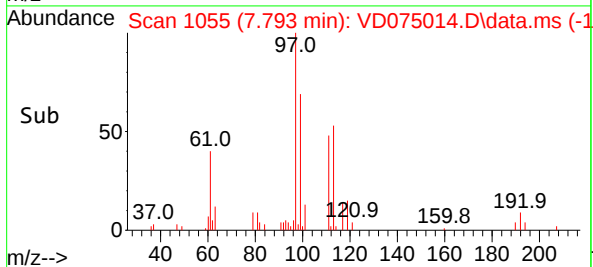
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

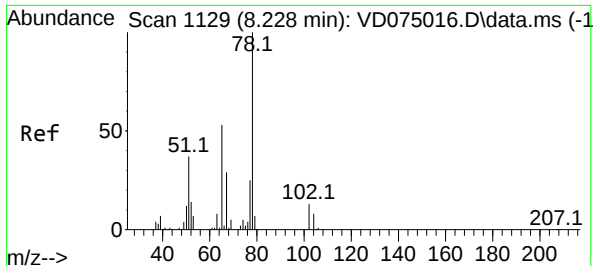


#32
1,1,1-Trichloroethane
Concen: 10.129 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06



Tgt Ion: 97 Resp: 28988
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 40.1 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 12.479 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1605

Ion Ratio Lower Upper

65 100

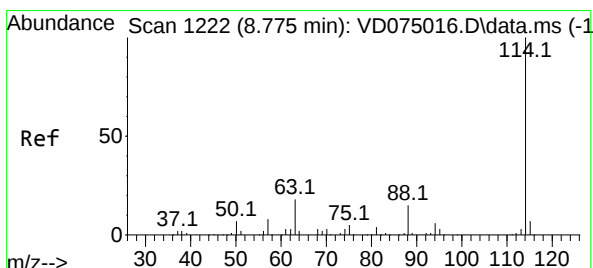
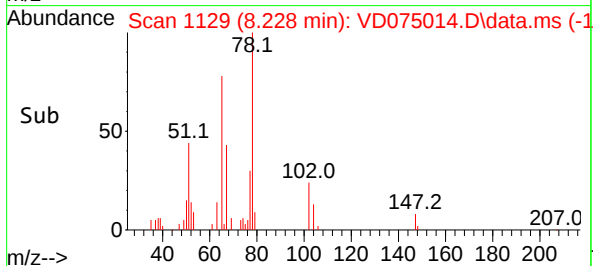
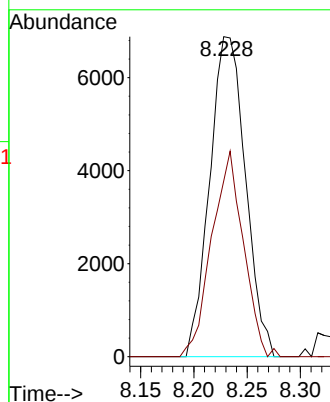
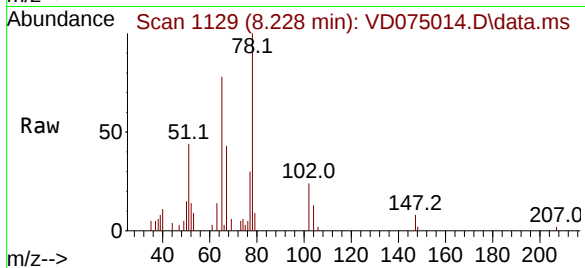
67 57.0 0.0 107.0

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: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

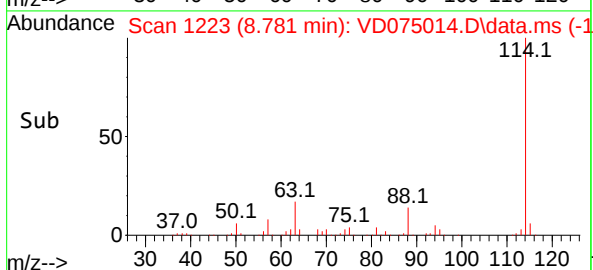
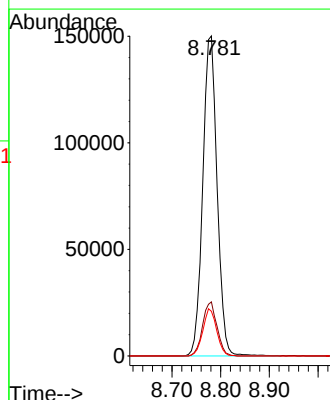
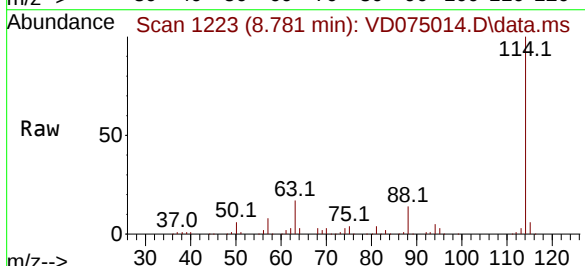
Tgt Ion:114 Resp: 306358

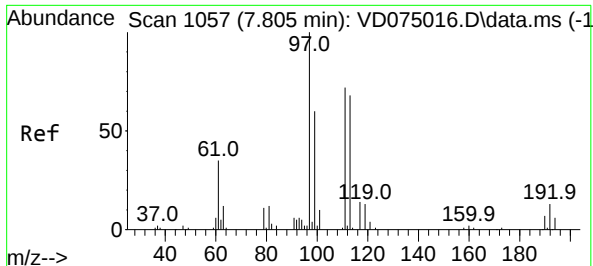
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

88 13.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 10.267 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

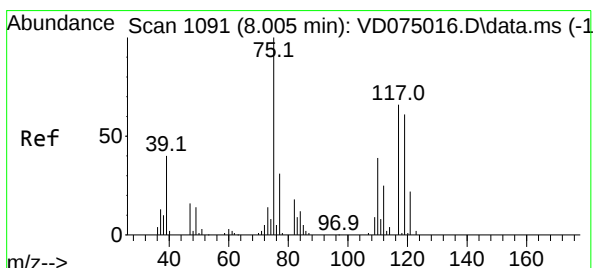
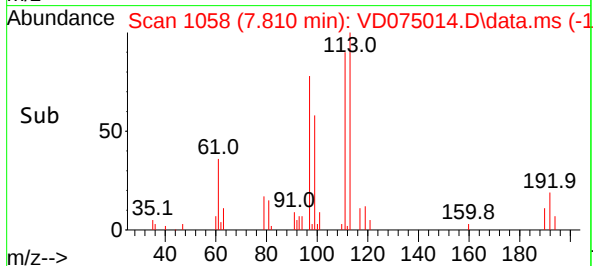
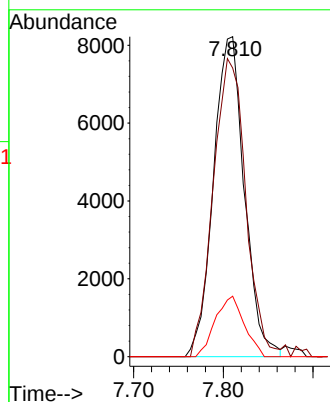
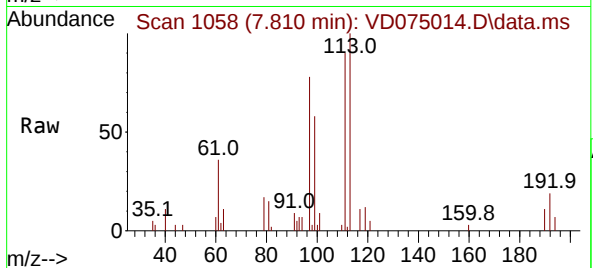
Tgt Ion:	113	Resp:	1968
Ion Ratio	Lower	Upper	
113	100		
111	98.3	83.0	124.6
192	17.6	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 9.530 ug/l

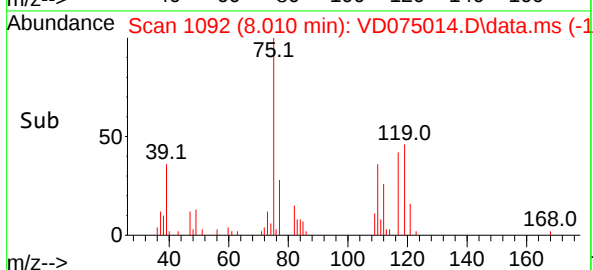
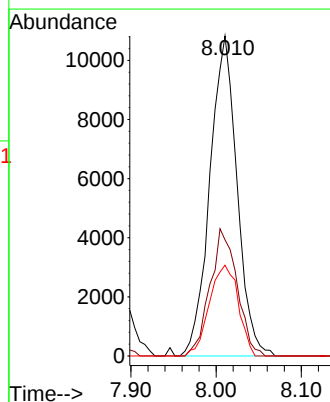
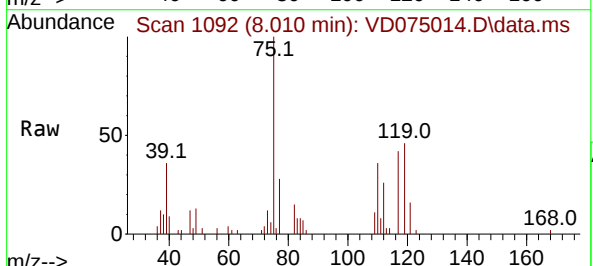
RT: 8.010 min Scan# 1092

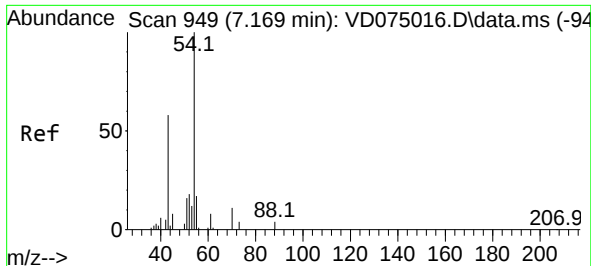
Delta R.T. 0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Tgt Ion:	75	Resp:	24010
Ion Ratio	Lower	Upper	
75	100		
110	39.6	19.7	59.1
77	30.1	24.8	37.2





#37

Ethyl Acetate

Concen: 9.415 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075014.D

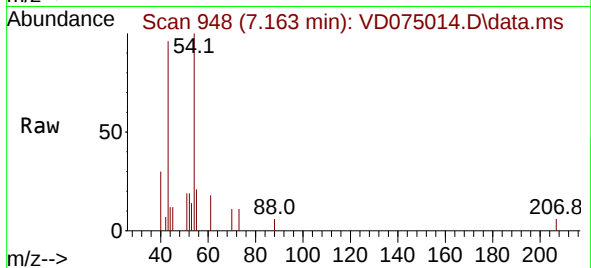
Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010



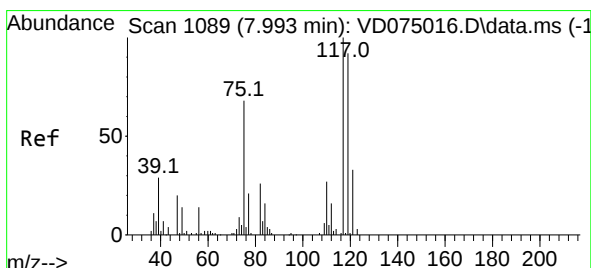
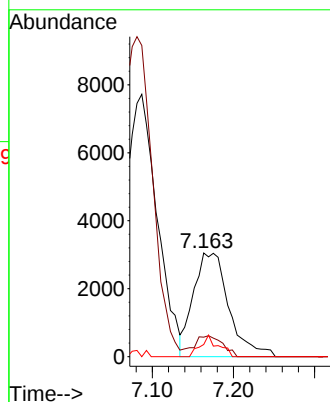
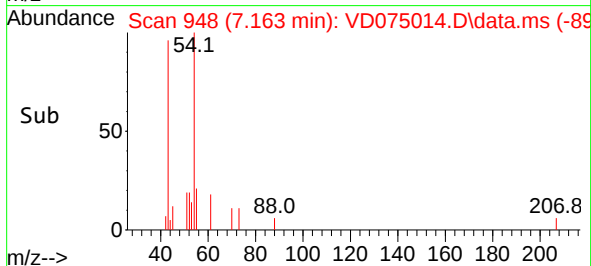
Tgt Ion:	43	Resp:	928
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.8	20.8
70	10.1	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 9.013 ug/l

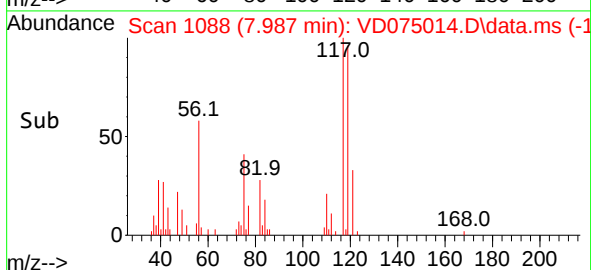
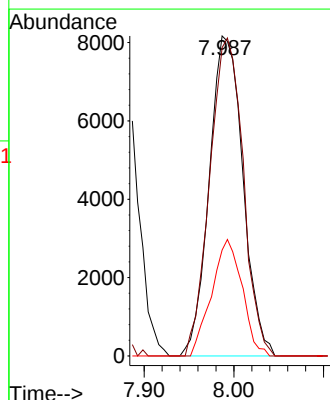
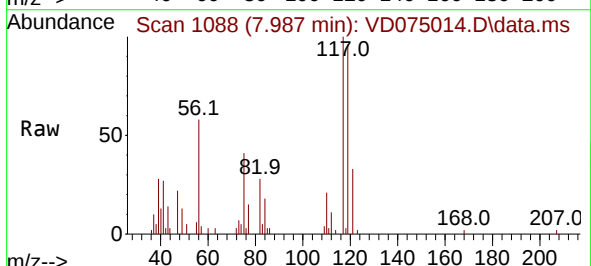
RT: 7.987 min Scan# 1088

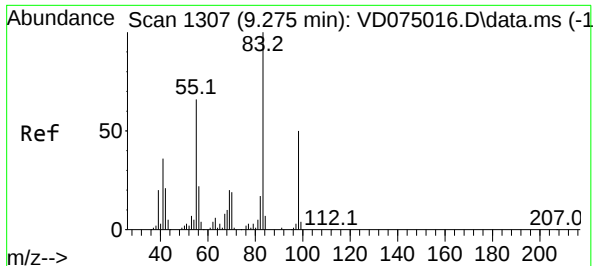
Delta R.T. -0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Tgt Ion:	117	Resp:	21243
Ion	Ratio	Lower	Upper
117	100		
119	96.3	73.2	109.8
121	33.1	26.1	39.1





#39

Methylcyclohexane

Concen: 9.029 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

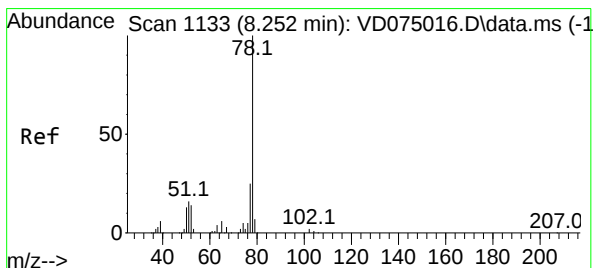
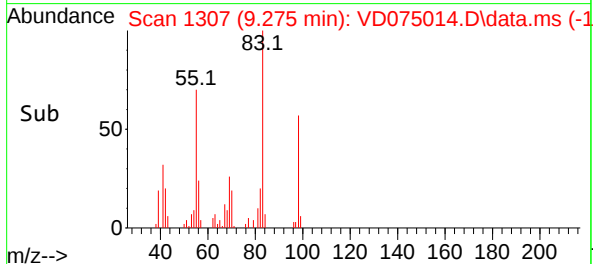
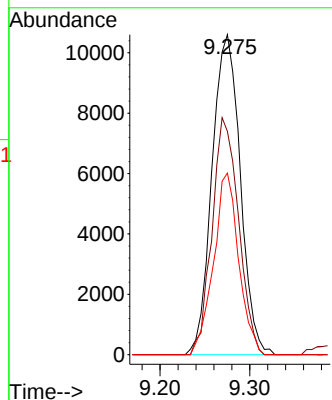
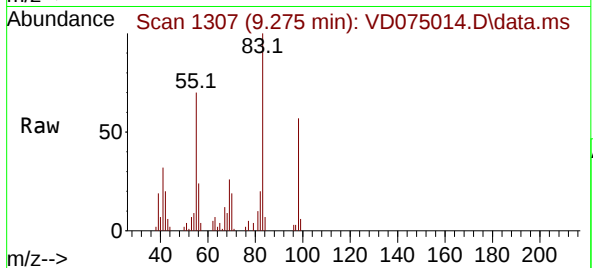
Tgt Ion:	83	Resp:	2315
Ion Ratio	Lower	Upper	
83	100		
55	69.8	52.9	79.3
98	56.7	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 9.657 ug/l

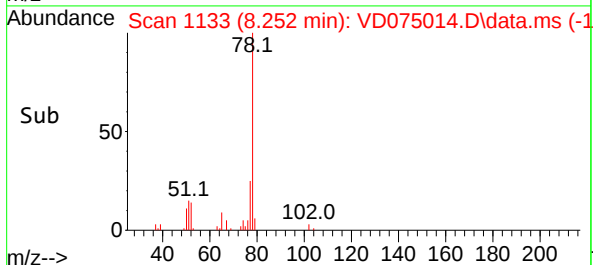
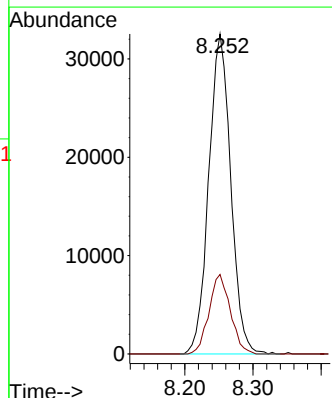
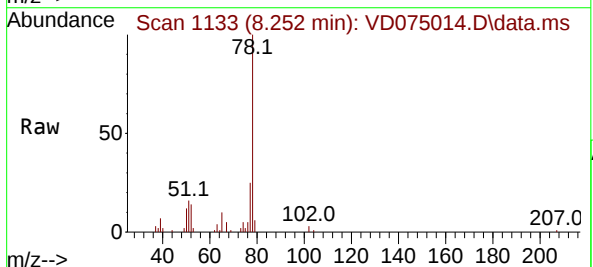
RT: 8.252 min Scan# 1133

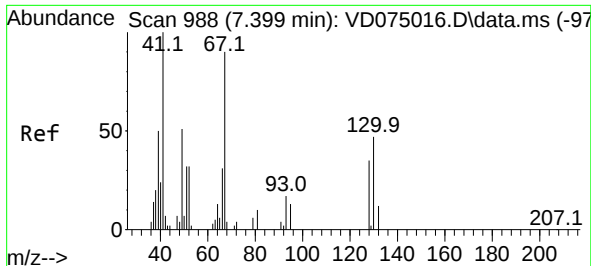
Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Tgt Ion:	78	Resp:	73073
Ion Ratio	Lower	Upper	
78	100		
77	24.8	20.2	30.2





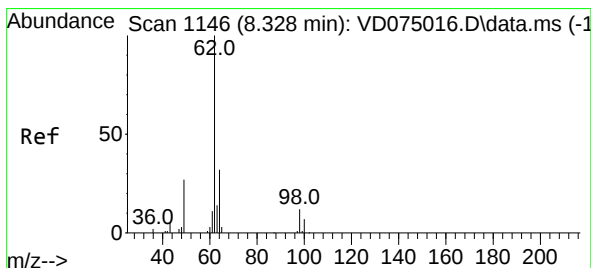
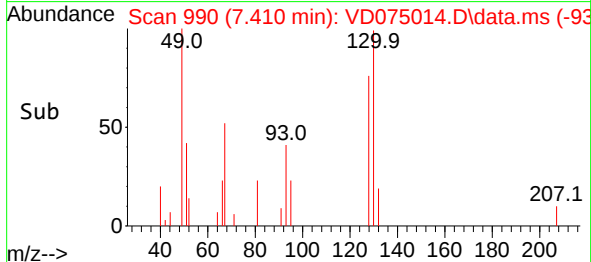
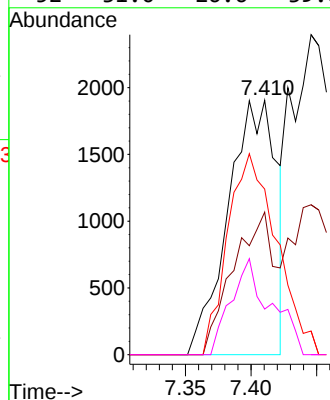
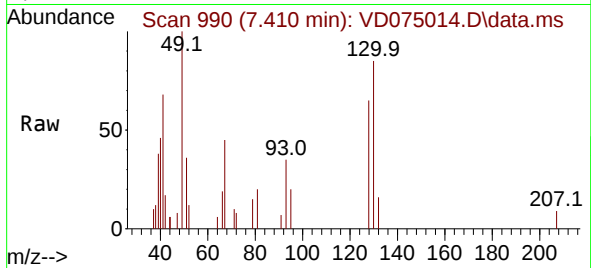
#41
Methacrylonitrile
Concen: 9.548 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 4880
Ion Ratio Lower Upper
41 100
39 48.8 45.9 68.9
67 79.9 76.0 114.0
52 31.0 26.6 39.8

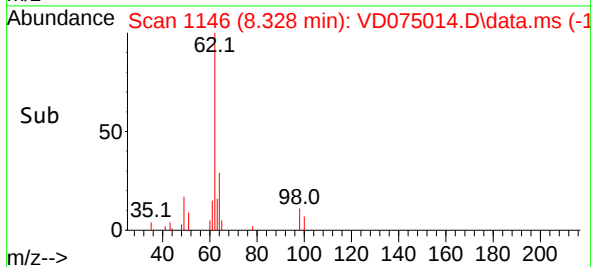
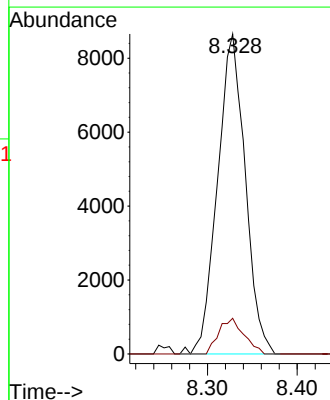
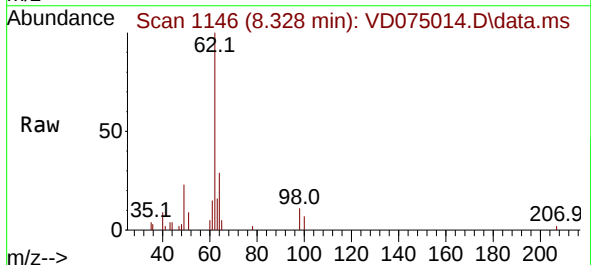
Manual Integrations
APPROVED

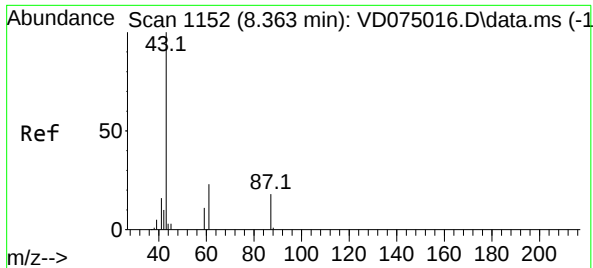
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 10.211 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

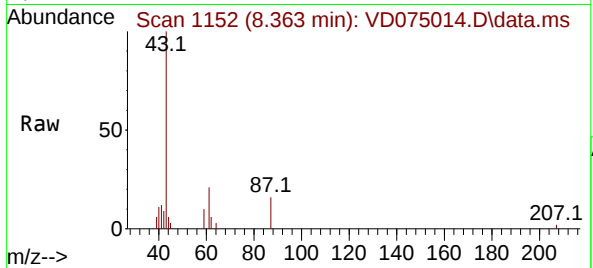
Tgt Ion: 62 Resp: 18540
Ion Ratio Lower Upper
62 100
98 10.1 0.0 23.4





#43
Isopropyl Acetate
Concen: 9.476 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

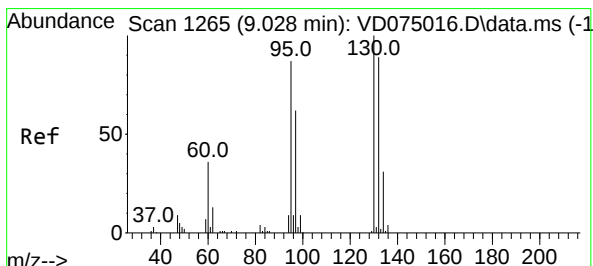
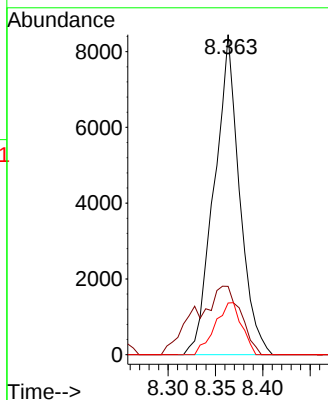
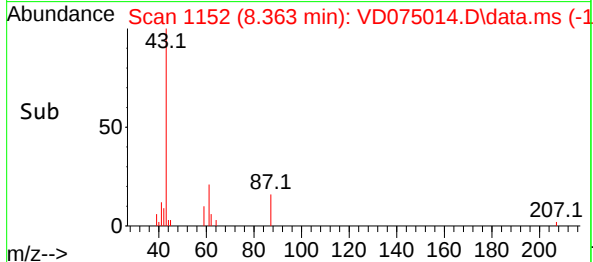
Instrument : MSVOA_D
ClientSampleId : VSTDIC010



Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
61 26.4 28.2 42.2
87 17.2 13.8 20.6

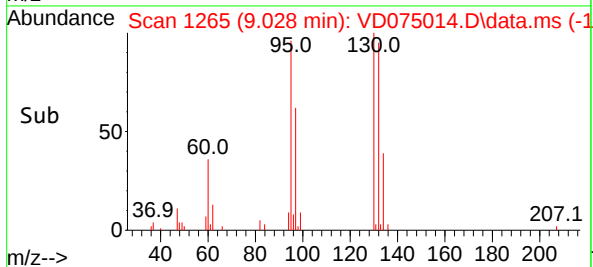
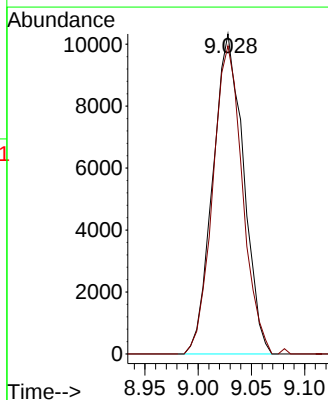
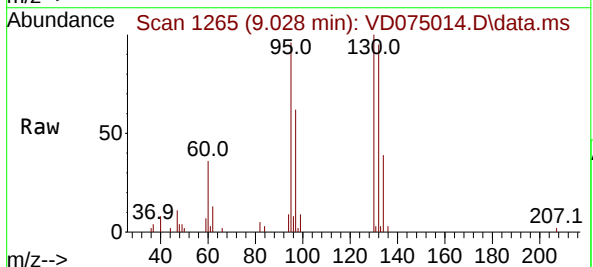
Manual Integrations
APPROVED

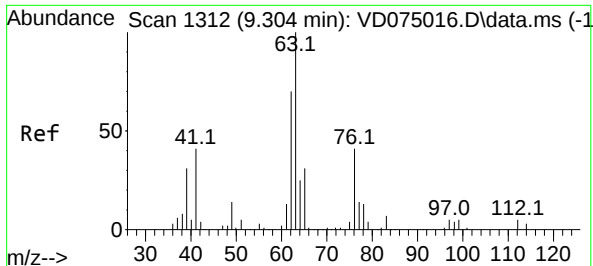
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#44
Trichloroethene
Concen: 10.443 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:130 Resp: 20680
Ion Ratio Lower Upper
130 100
95 96.3 0.0 174.8





#45

1,2-Dichloropropane

Concen: 8.885 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1524

Ion Ratio Lower Upper

63 100

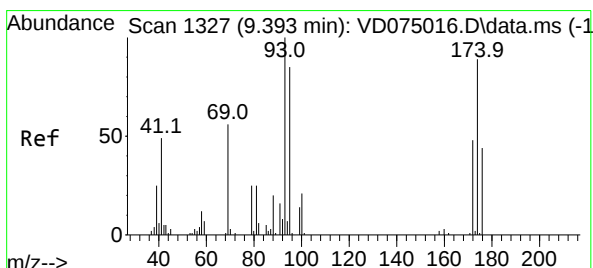
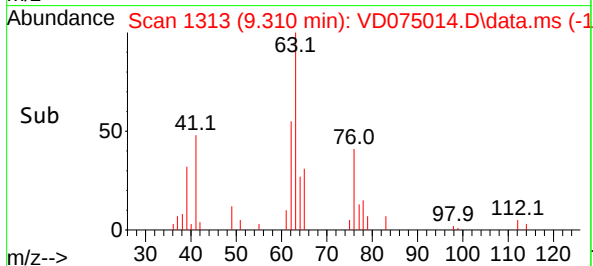
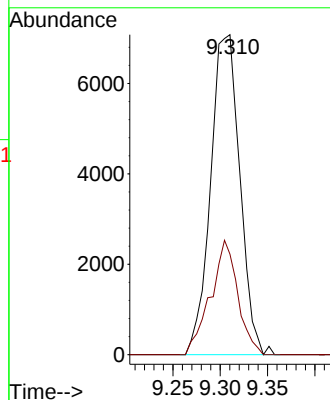
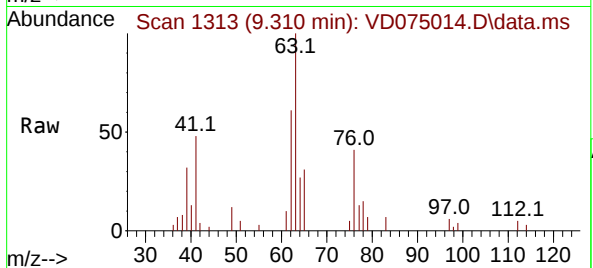
65 31.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 9.133 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

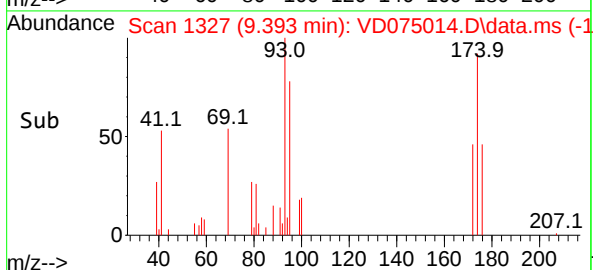
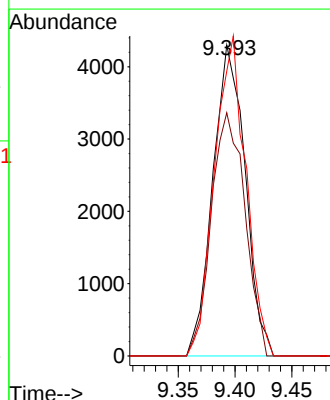
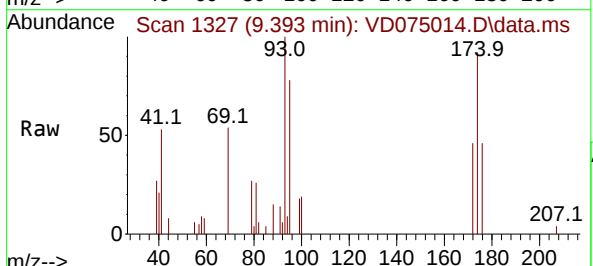
Tgt Ion: 93 Resp: 8512

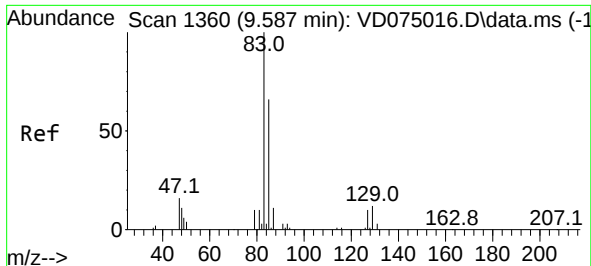
Ion Ratio Lower Upper

93 100

95 81.5 66.3 99.5

174 99.9 74.7 112.1





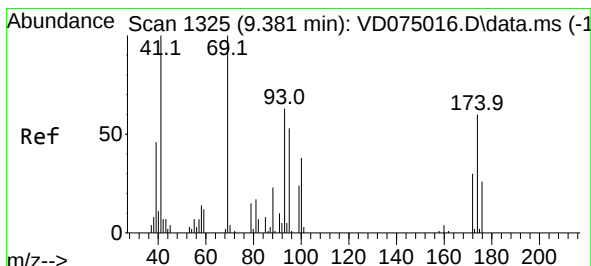
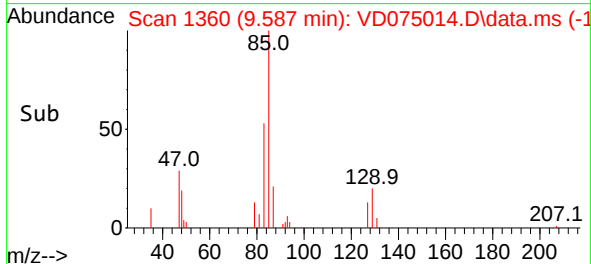
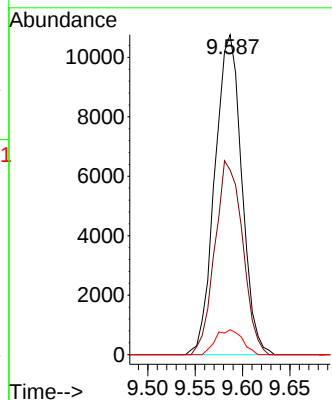
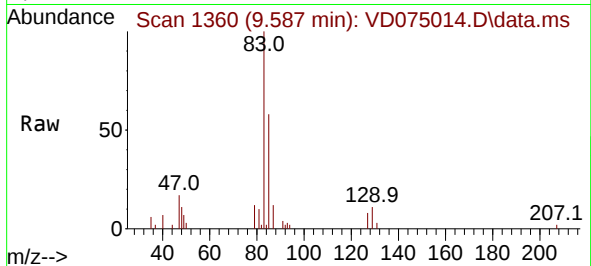
#47
Bromodichloromethane
Concen: 8.973 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 21230
Ion Ratio Lower Upper
83 100
85 57.7 53.0 79.6
127 7.8 8.1 12.1

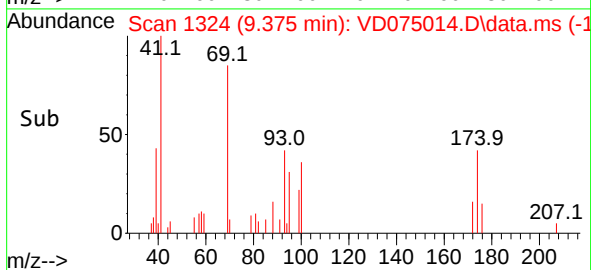
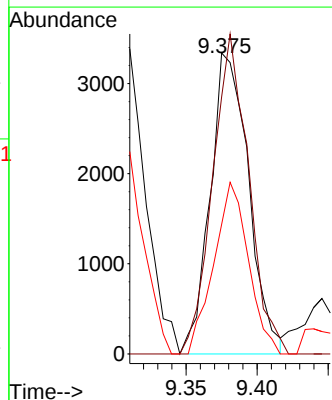
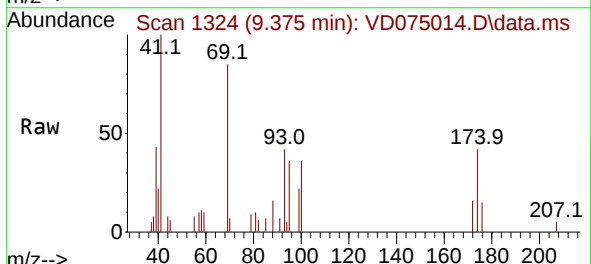
Manual Integrations
APPROVED

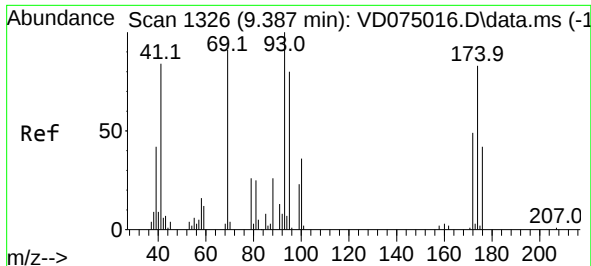
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 8.632 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion: 41 Resp: 6267
Ion Ratio Lower Upper
41 100
69 99.8 87.0 130.4
39 51.5 43.6 65.4





#49

1,4-Dioxane

Concen: 161.897 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075014.D

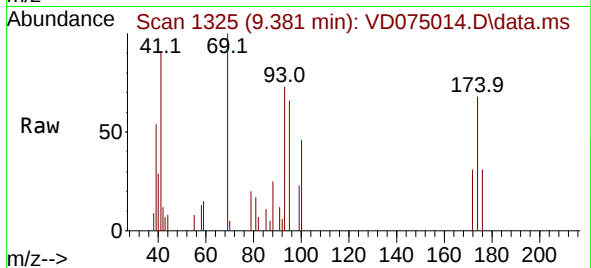
Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010



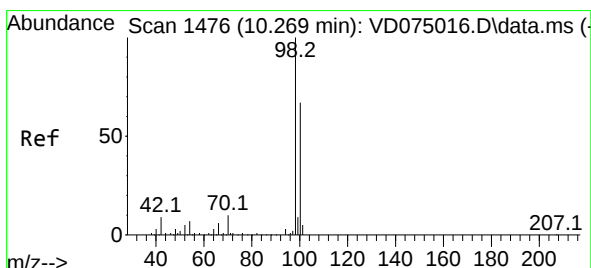
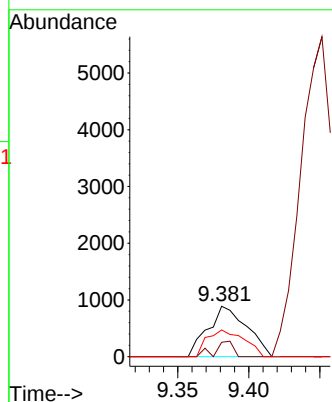
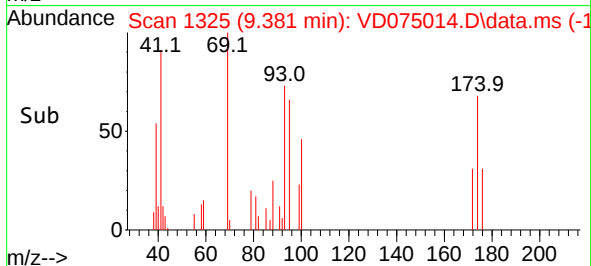
Tgt Ion: 88	Resp: 1689
Ion Ratio	Lower Upper
88	100
43	0.0 22.3 33.5
58	50.3 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 10.387 ug/l

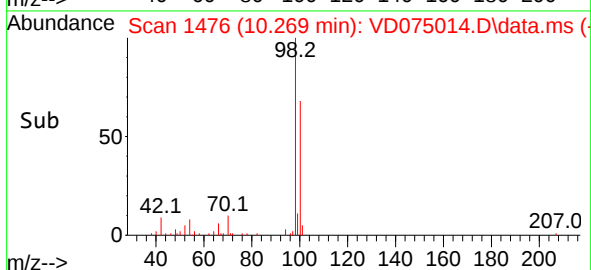
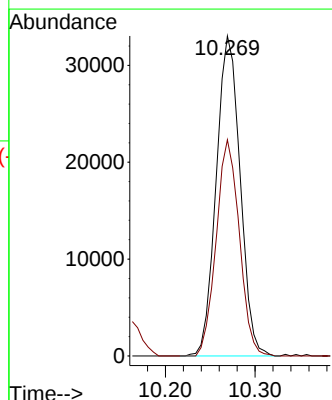
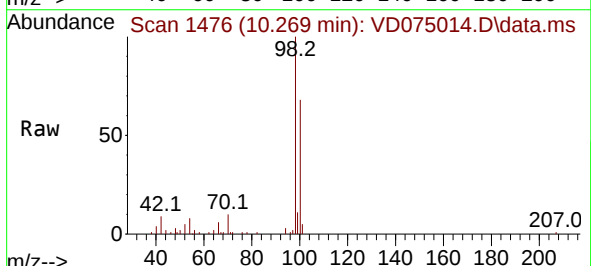
RT: 10.269 min Scan# 1476

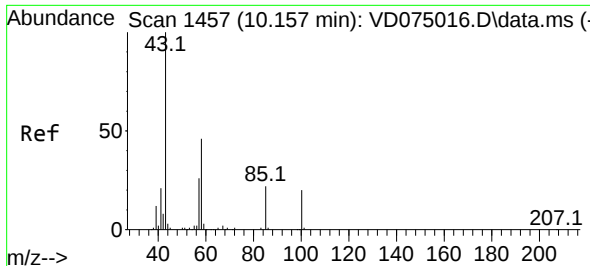
Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Tgt Ion: 98	Resp: 61053
Ion Ratio	Lower Upper
98	100
100	65.4 52.3 78.5





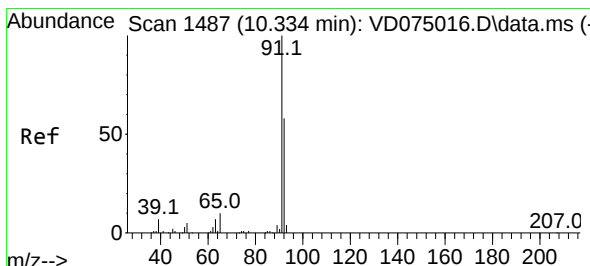
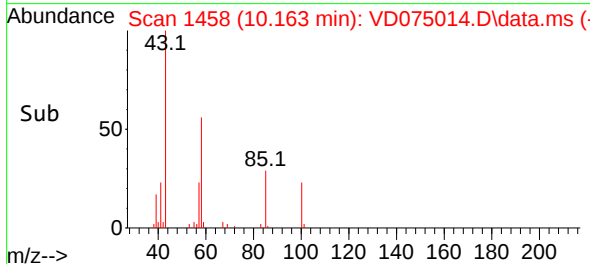
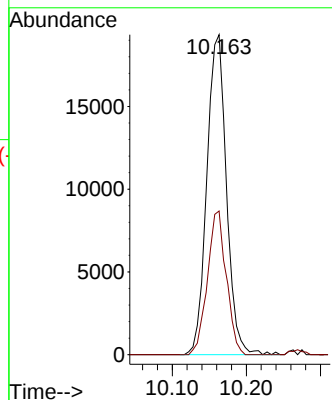
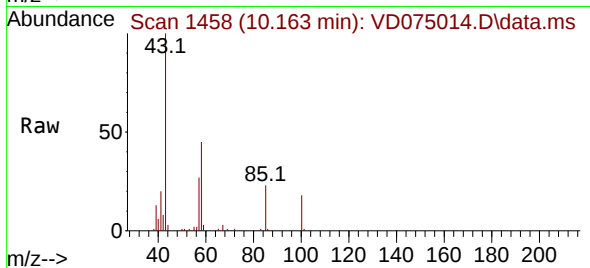
#51
4-Methyl-2-Pentanone
Concen: 43.042 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 35580
Ion Ratio Lower Upper
43 100
58 43.1 35.8 53.6

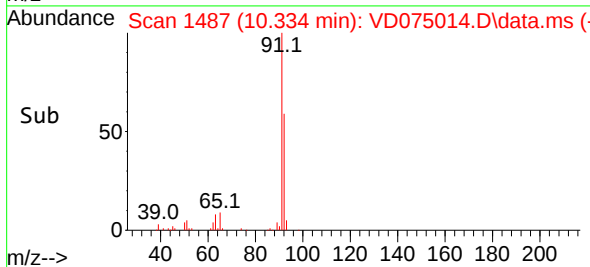
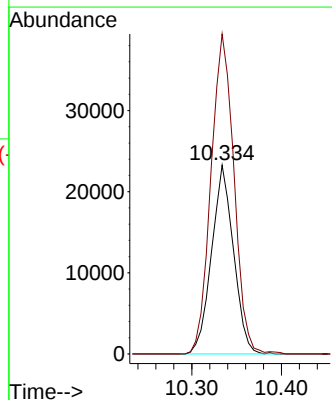
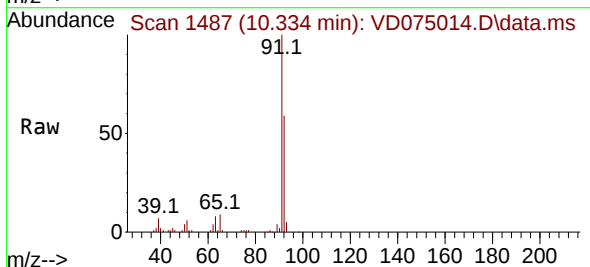
Manual Integrations
APPROVED

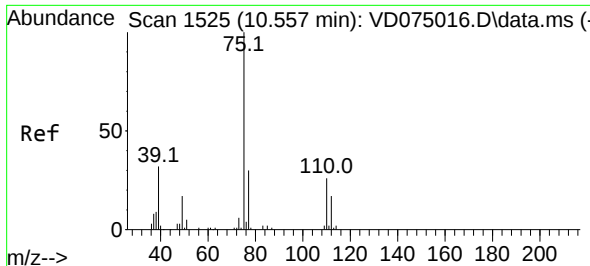
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 8.843 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

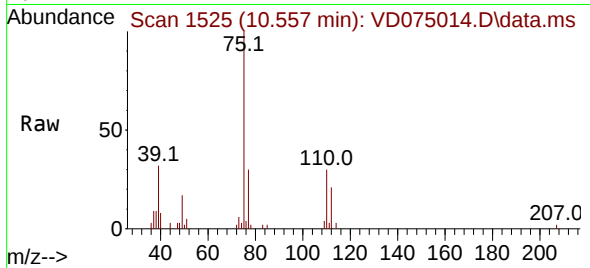
Tgt Ion: 92 Resp: 39537
Ion Ratio Lower Upper
92 100
91 177.6 137.6 206.4





#53
 t-1,3-Dichloropropene
 Concen: 8.554 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06

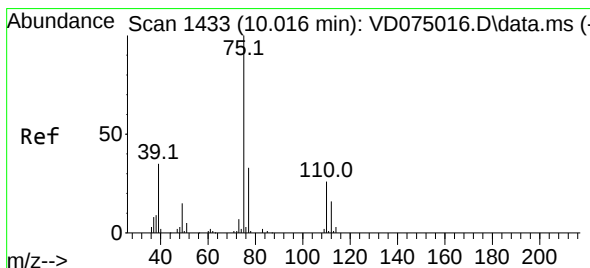
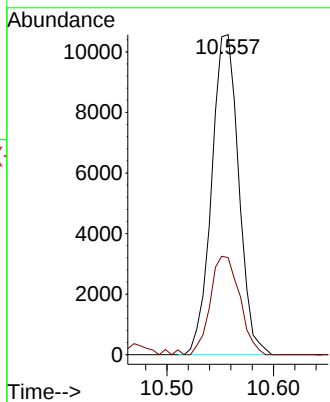
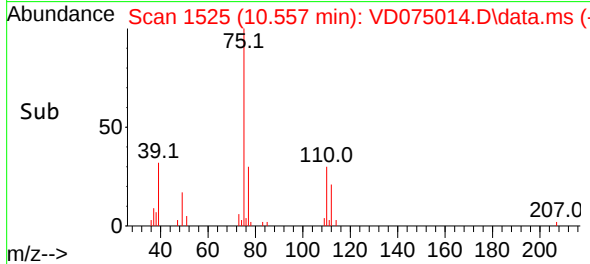
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



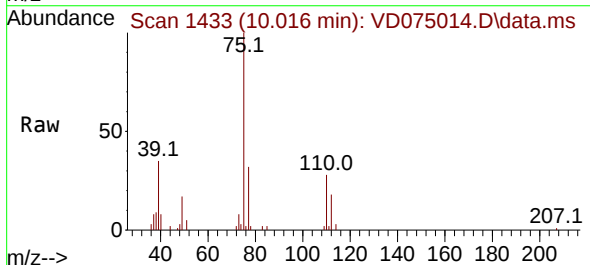
Tgt Ion: 75 Resp: 18654
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.1 36.1

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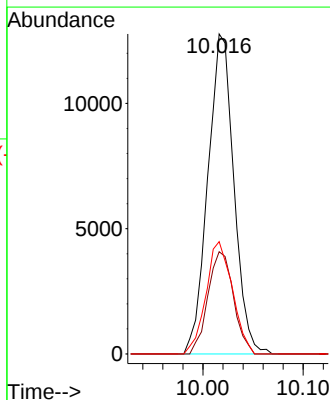
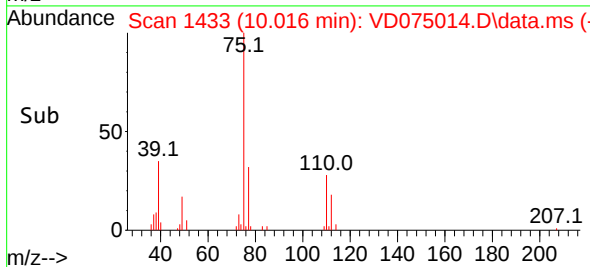
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

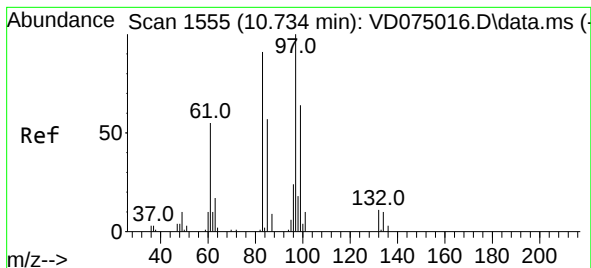


#54
 cis-1,3-Dichloropropene
 Concen: 8.702 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06



Tgt Ion: 75 Resp: 23020
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4
 39 35.1 28.3 42.5





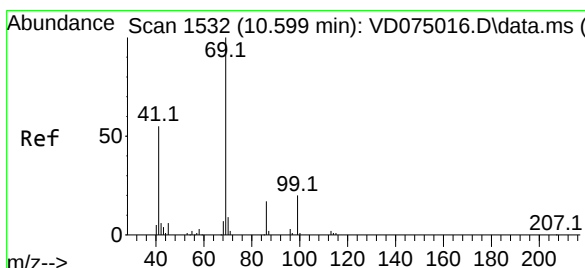
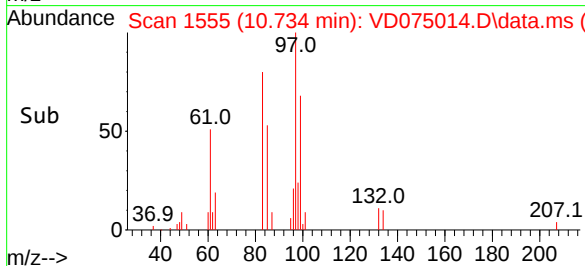
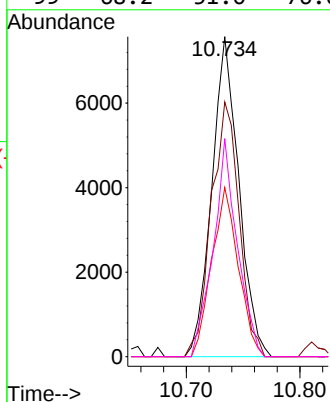
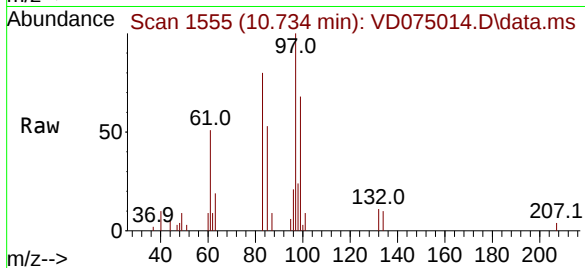
#55
1,1,2-Trichloroethane
Concen: 9.200 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument : MSVOA_D
ClientSampleId : VSTDIC010

Tgt Ion: 97	Resp: 1252
Ion Ratio	Lower Upper
97 100	
83 79.6	73.1 109.7
85 52.9	45.4 68.2
99 68.2	51.0 76.6

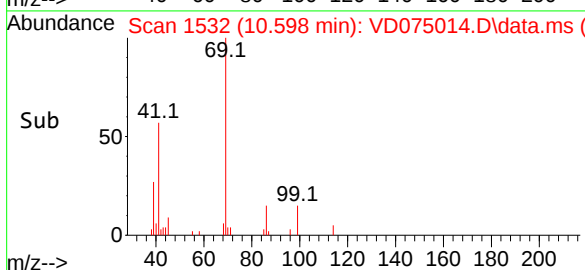
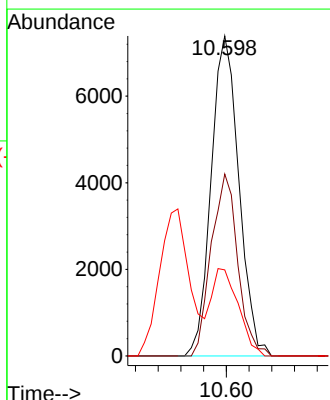
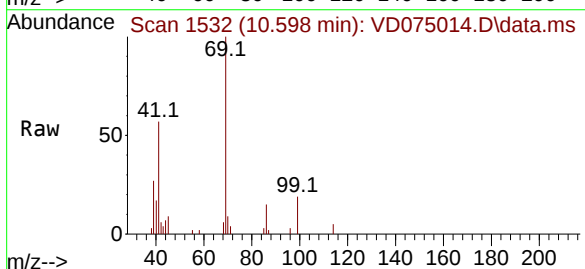
Manual Integrations
APPROVED

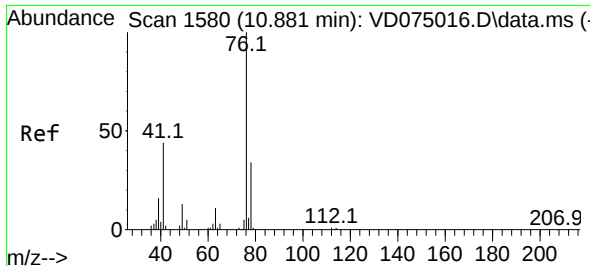
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 8.381 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion: 69	Resp: 12522
Ion Ratio	Lower Upper
69 100	
41 54.4	42.7 64.1
39 26.2	20.4 30.6





#57

1,3-Dichloropropane

Concen: 9.137 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 2014

Ion Ratio Lower Upper

76 100

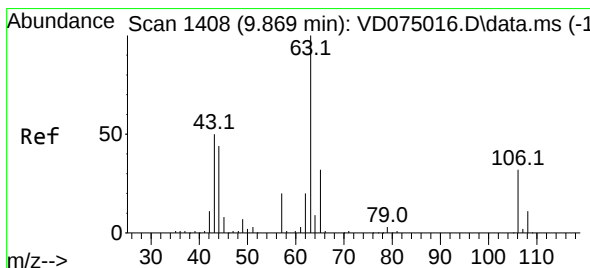
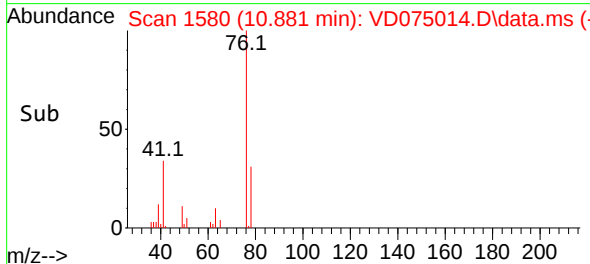
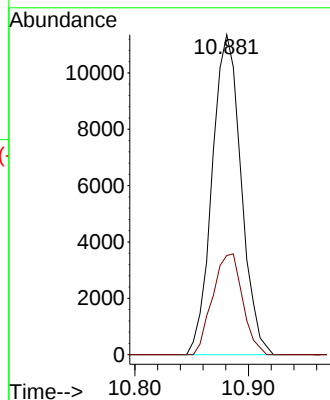
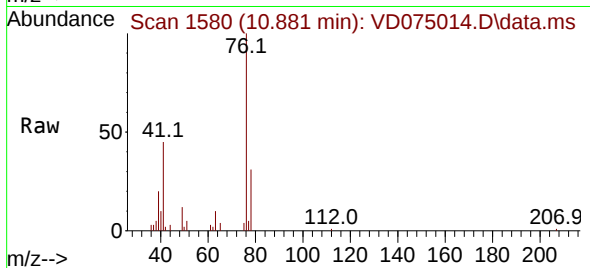
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 41.018 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075014.D

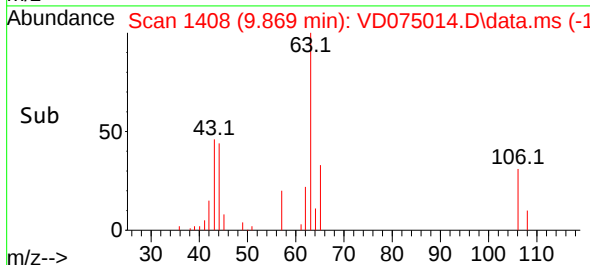
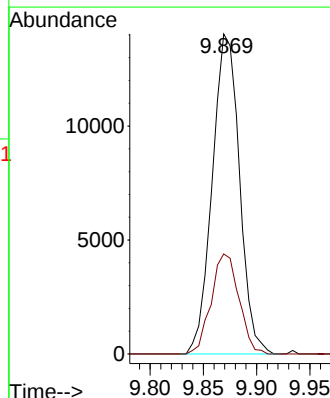
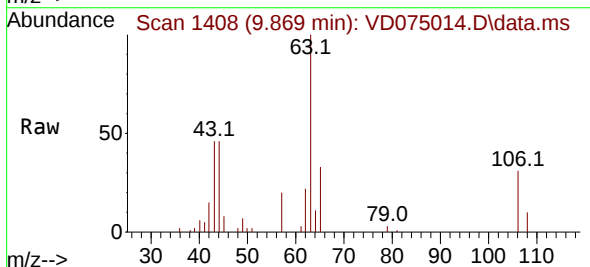
Acq: 14 Dec 2022 11:06

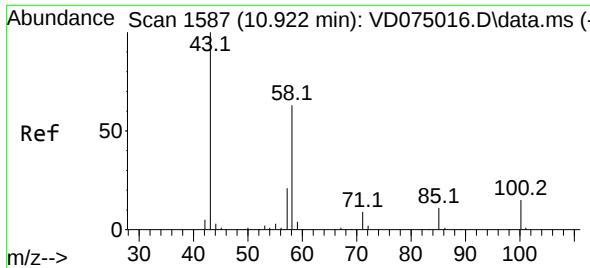
Tgt Ion: 63 Resp: 24904

Ion Ratio Lower Upper

63 100

106 31.8 25.0 37.4





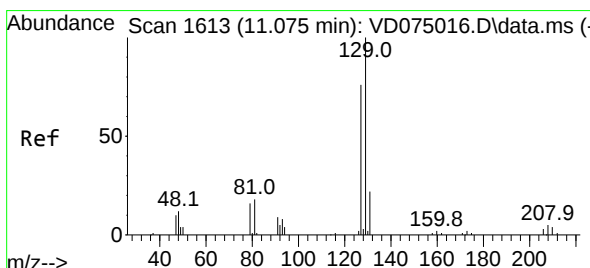
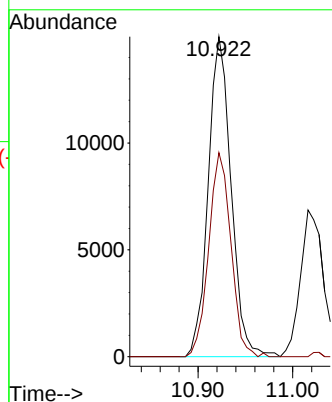
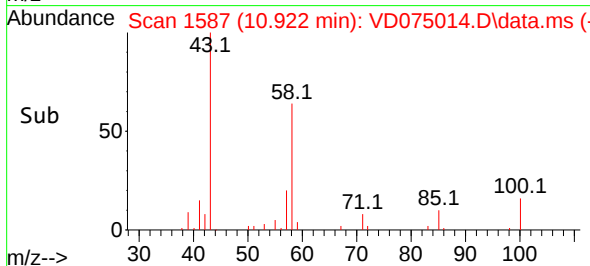
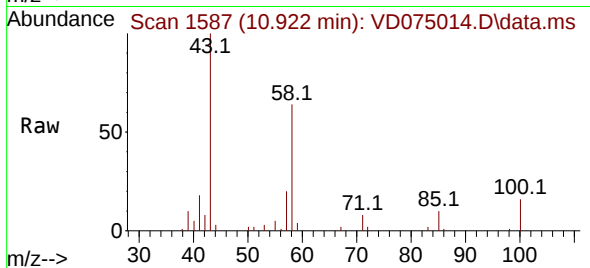
#59
2-Hexanone
Concen: 41.686 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 2509
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.3

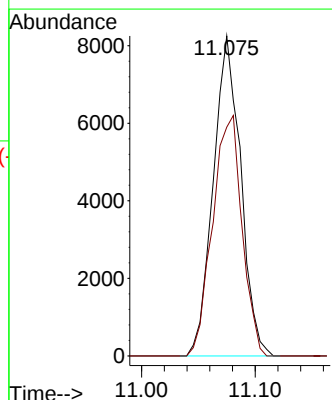
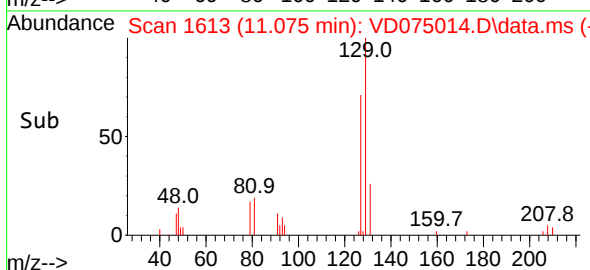
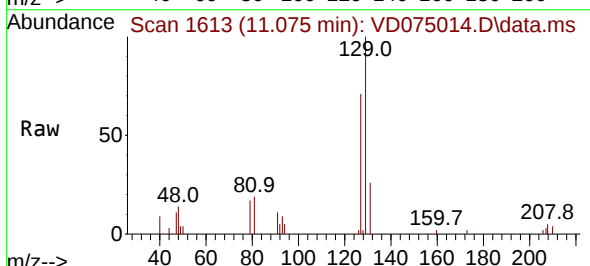
Manual Integrations
APPROVED

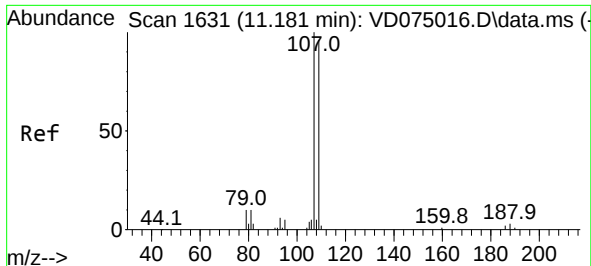
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 8.721 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:129 Resp: 13863
Ion Ratio Lower Upper
129 100
127 80.3 38.5 115.3





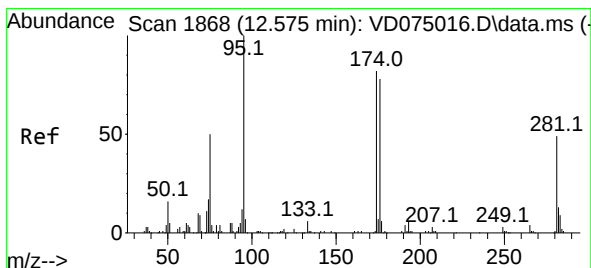
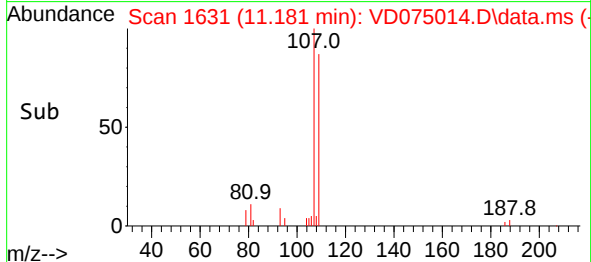
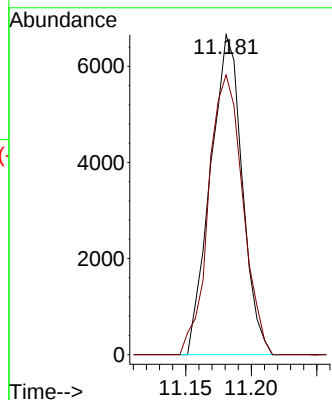
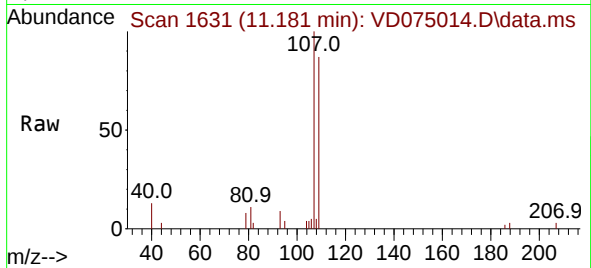
#61
1,2-Dibromoethane
Concen: 9.131 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:107 Resp: 11218
Ion Ratio Lower Upper
107 100
109 94.0 76.4 114.6

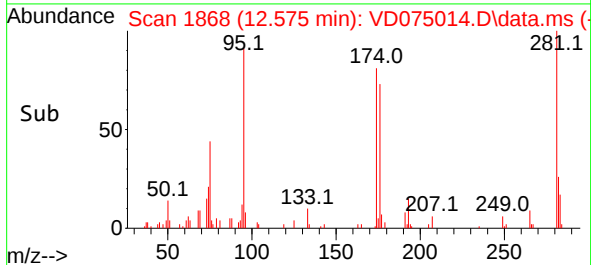
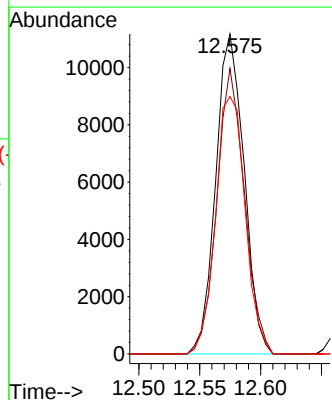
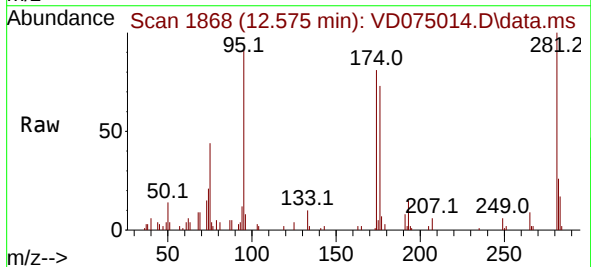
Manual Integrations
APPROVED

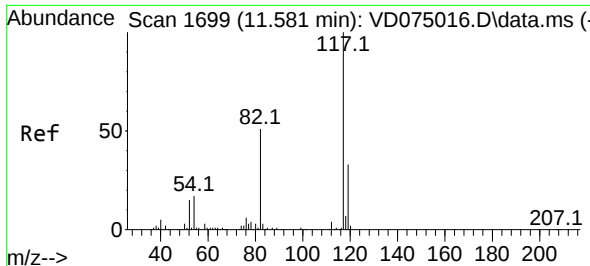
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 9.575 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

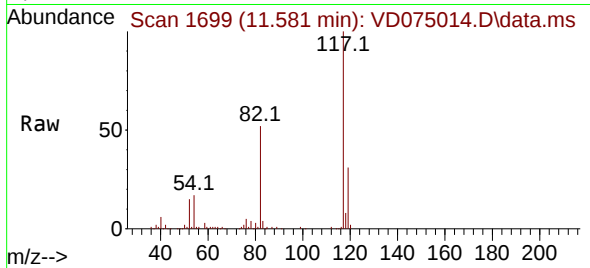
Tgt Ion: 95 Resp: 18070
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.3 0.0 165.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

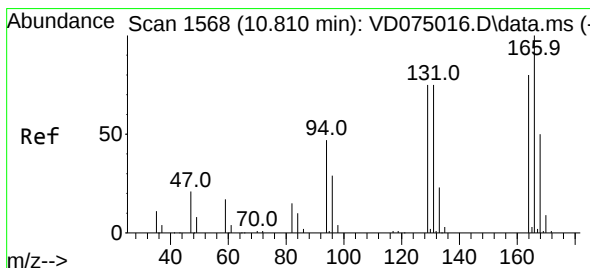
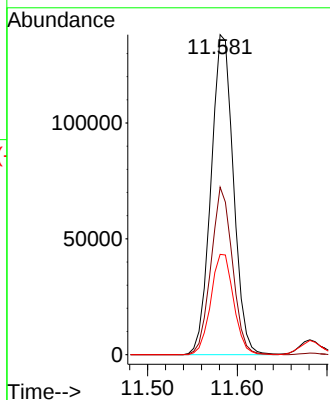
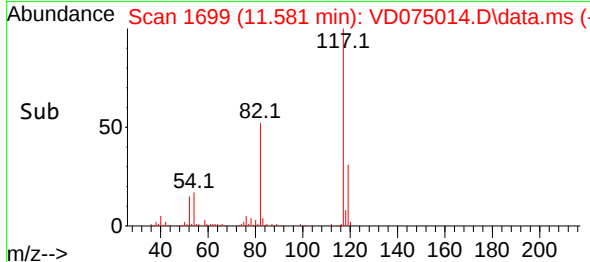
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



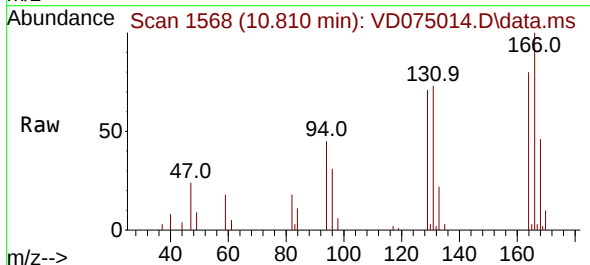
Tgt Ion:117 Resp: 239630
Ion Ratio Lower Upper
117 100
82 52.4 40.7 61.1
119 31.3 26.1 39.1

Manual Integrations
APPROVED

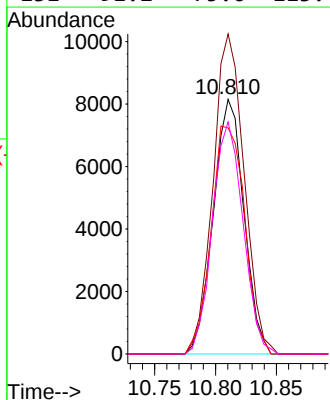
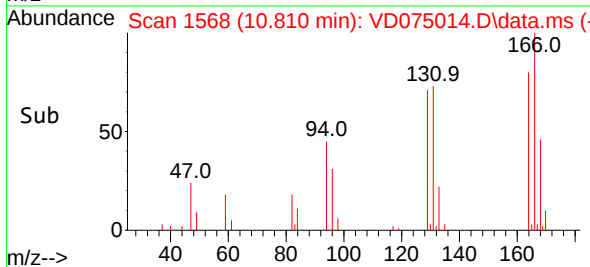
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

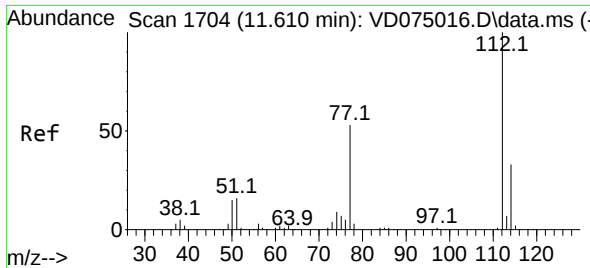


#64
Tetrachloroethene
Concen: 10.223 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06



Tgt Ion:164 Resp: 14243
Ion Ratio Lower Upper
164 100
166 125.7 100.3 150.5
129 88.8 74.8 112.2
131 91.2 75.6 113.4





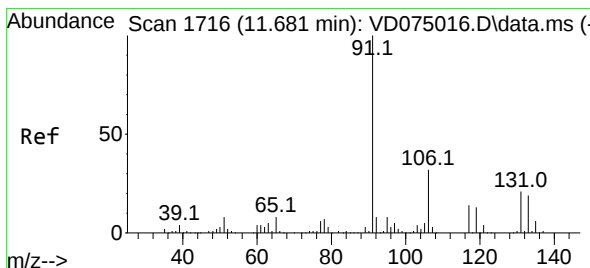
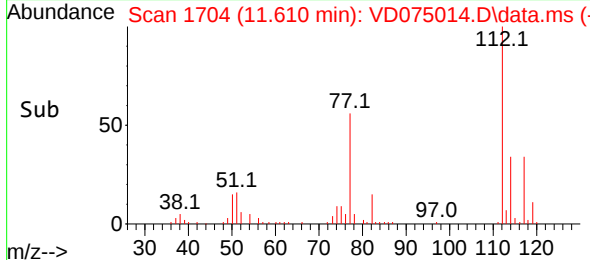
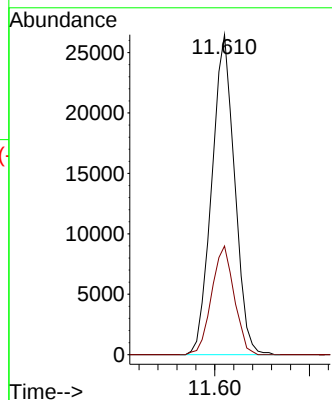
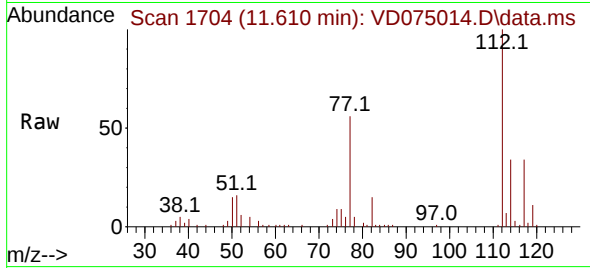
#65
Chlorobenzene
Concen: 10.044 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 44190
Ion Ratio Lower Upper
112 100
114 34.0 26.2 39.4

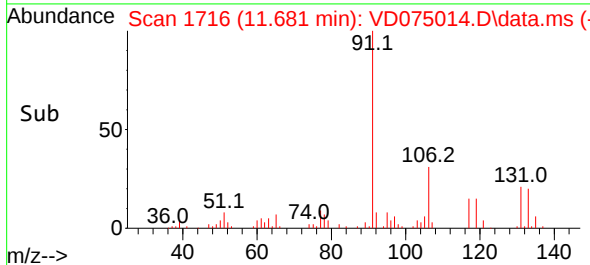
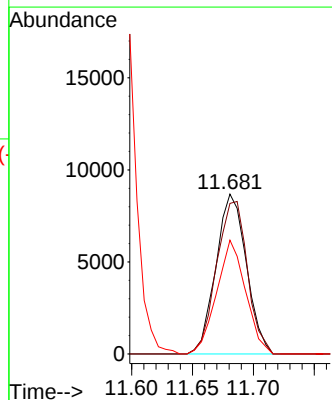
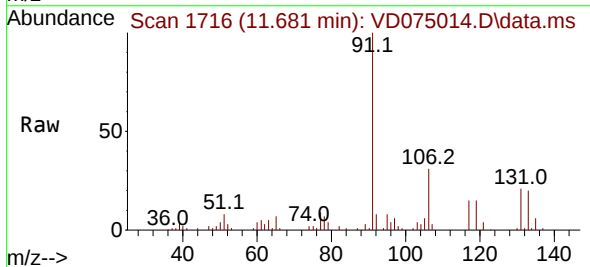
Manual Integrations
APPROVED

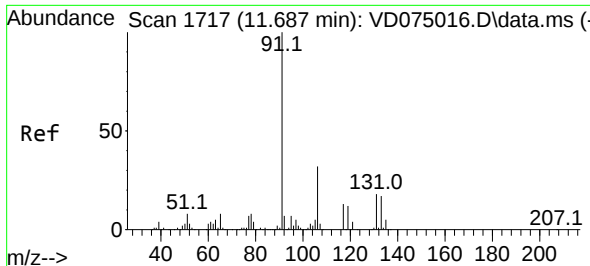
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.776 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:131 Resp: 15121
Ion Ratio Lower Upper
131 100
133 97.0 47.0 141.2
119 67.8 33.4 100.1





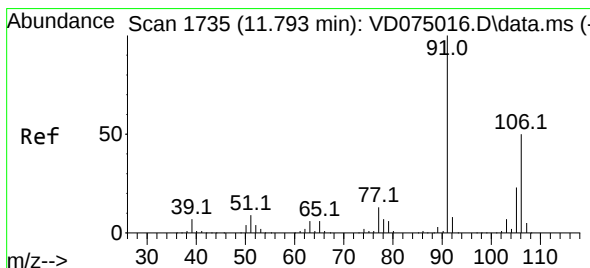
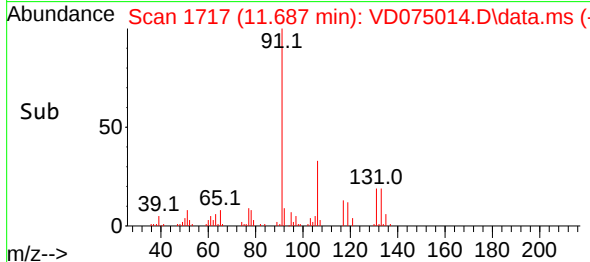
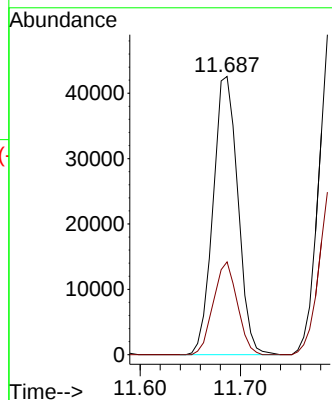
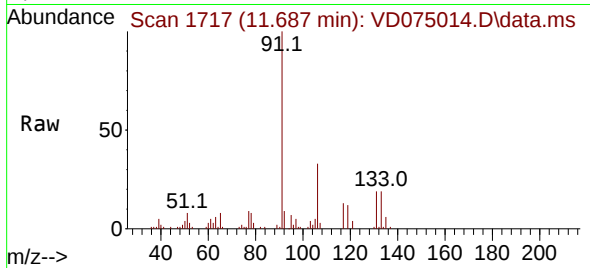
#67
Ethyl Benzene
Concen: 9.608 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 7304
Ion Ratio Lower Upper
91 100
106 33.4 25.9 38.9

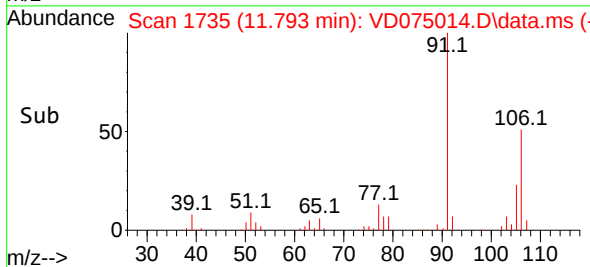
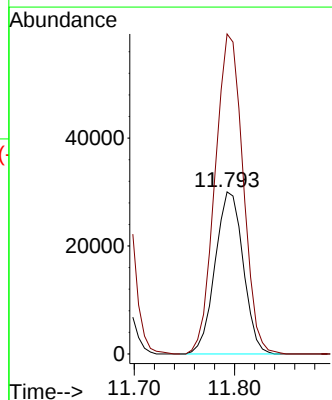
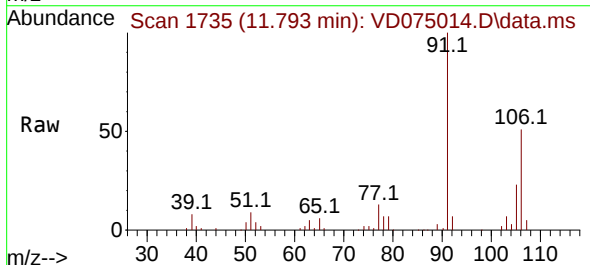
Manual Integrations
APPROVED

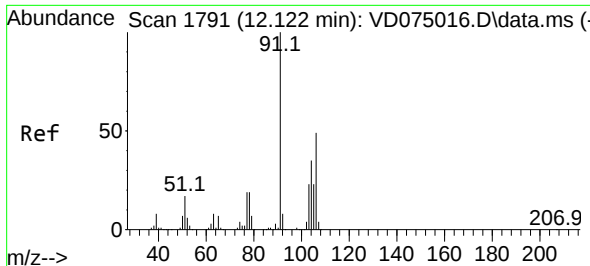
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 19.566 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:106 Resp: 58367
Ion Ratio Lower Upper
106 100
91 197.2 157.1 235.7





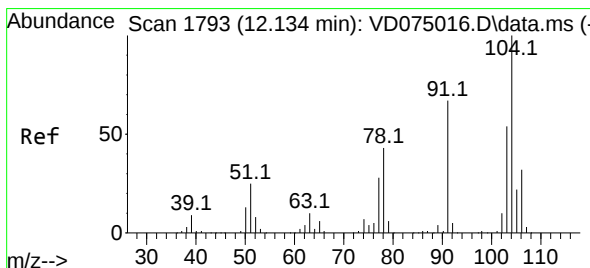
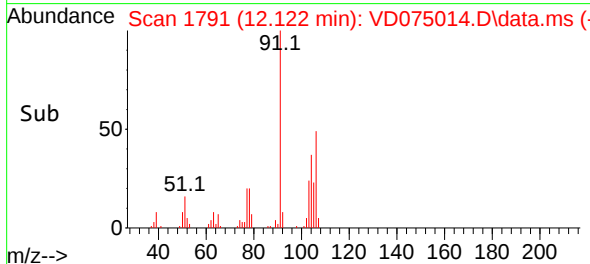
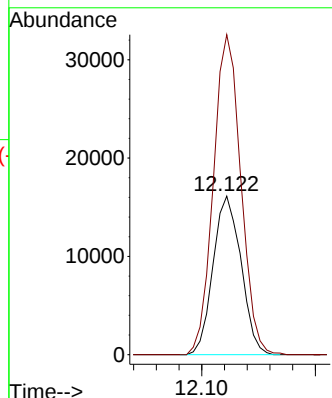
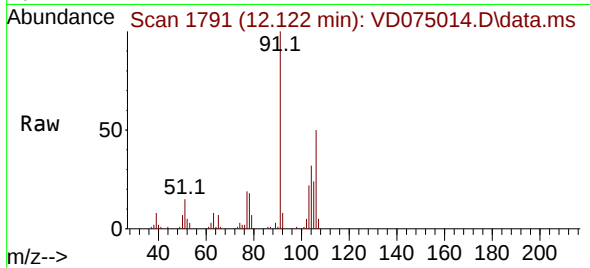
#69
o-Xylene
Concen: 9.751 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 27554
Ion Ratio Lower Upper
106 100
91 198.5 103.4 310.1

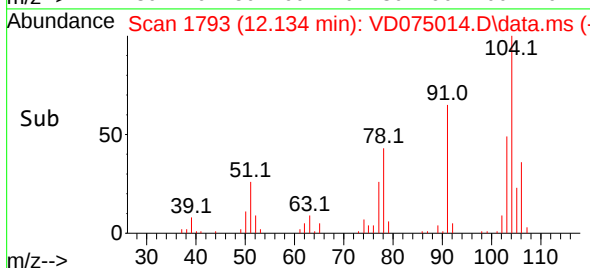
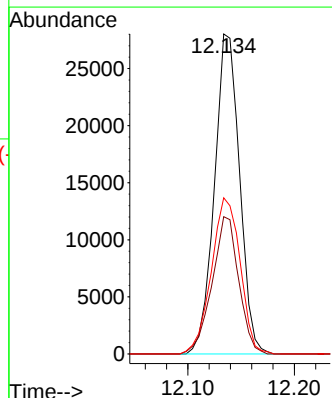
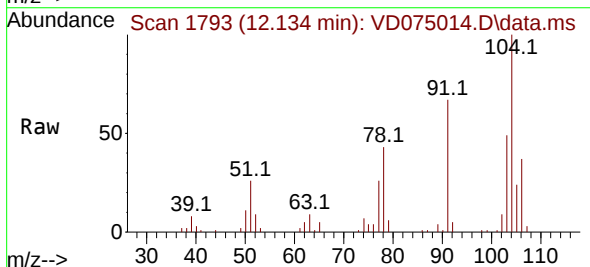
Manual Integrations
APPROVED

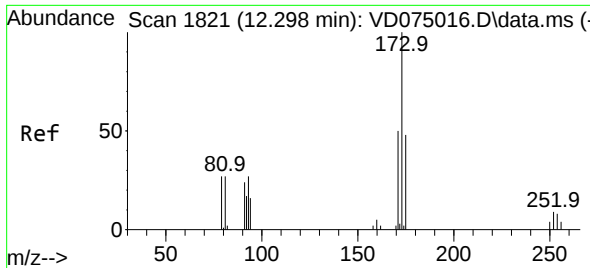
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 9.464 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:104 Resp: 45964
Ion Ratio Lower Upper
104 100
78 45.4 35.9 53.9
103 55.9 44.7 67.1





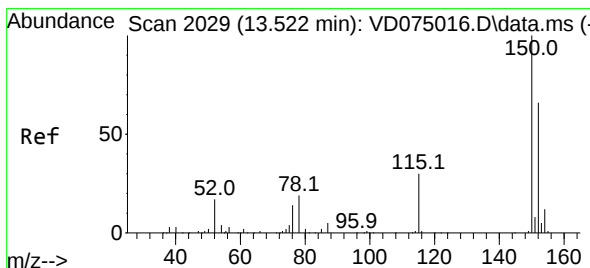
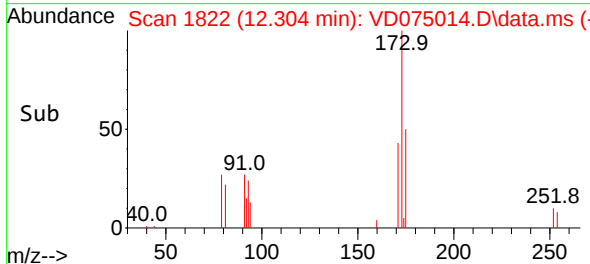
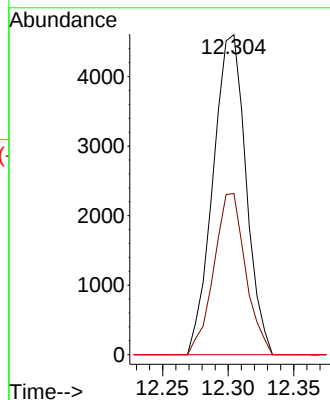
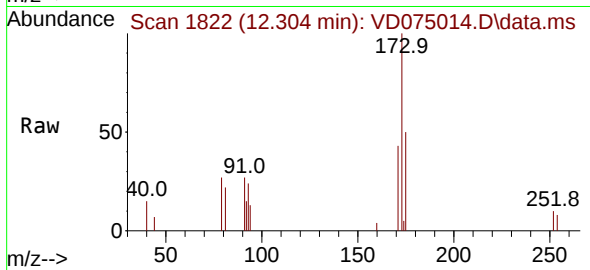
#71
Bromoform
Concen: 10.139 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 806
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.0 0.0 0.0

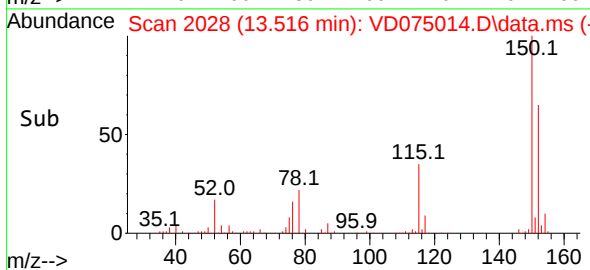
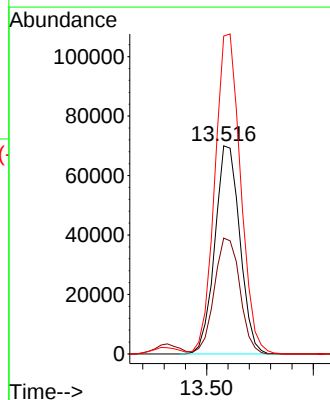
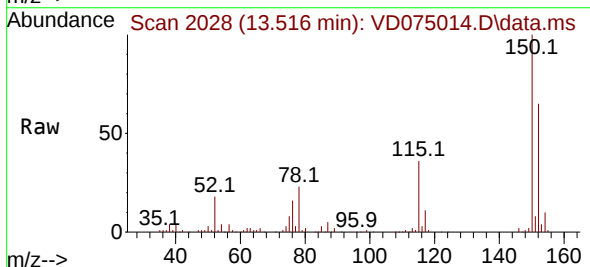
Manual Integrations
APPROVED

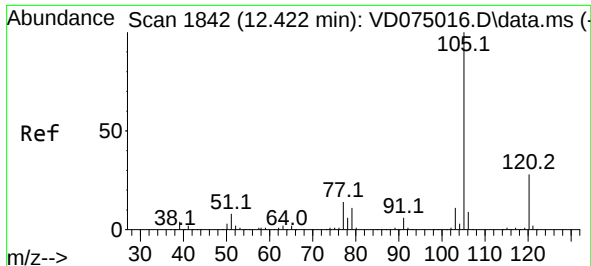
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:152 Resp: 113829
Ion Ratio Lower Upper
152 100
115 57.1 28.0 84.0
150 158.6 0.0 342.0





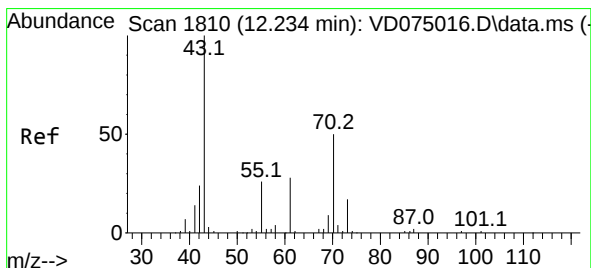
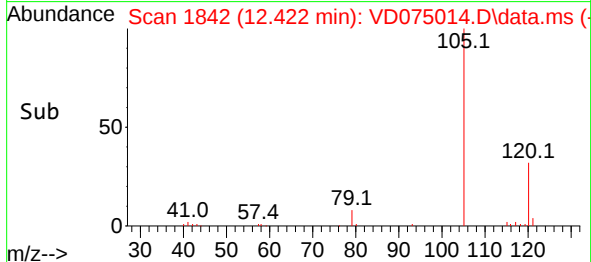
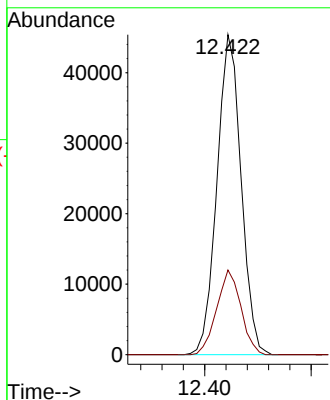
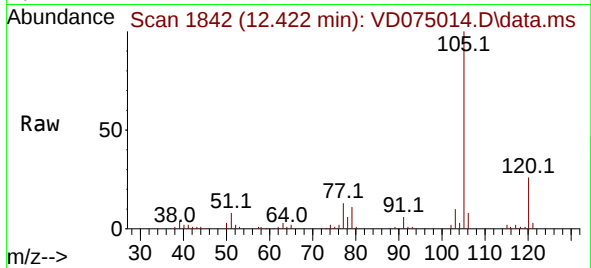
#73
Isopropylbenzene
Concen: 9.472 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 71304
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

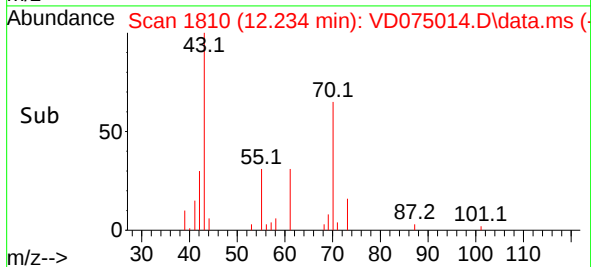
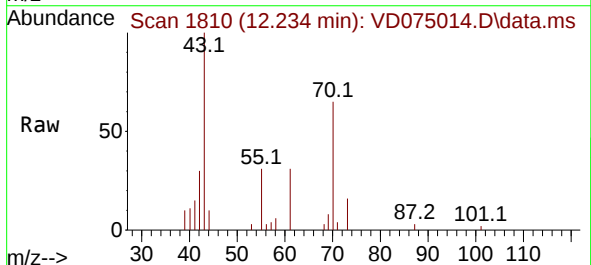
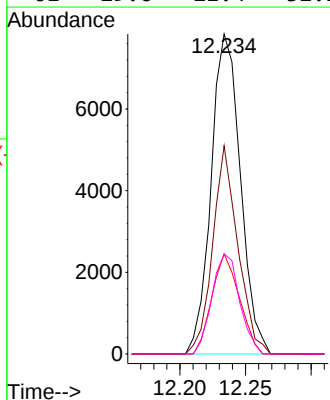
Manual Integrations
APPROVED

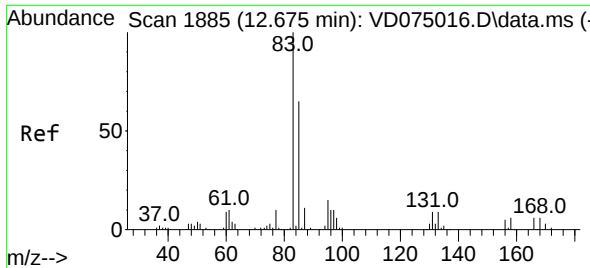
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 9.238 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

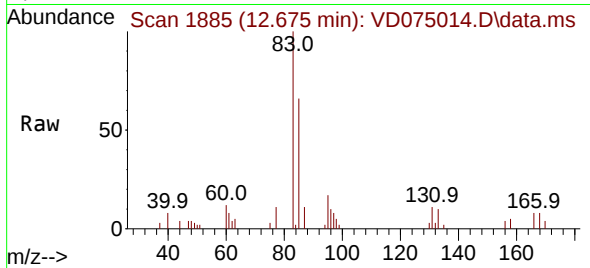
Tgt Ion: 43 Resp: 12153
Ion Ratio Lower Upper
43 100
70 55.9 40.2 60.4
55 29.2 21.6 32.4
61 29.6 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 10.149 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

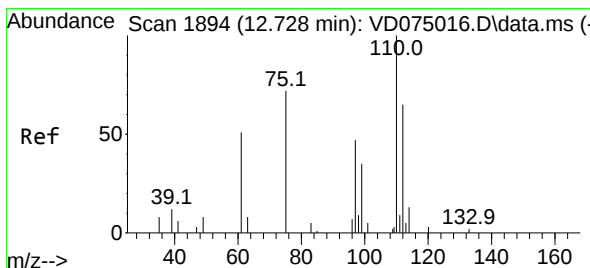
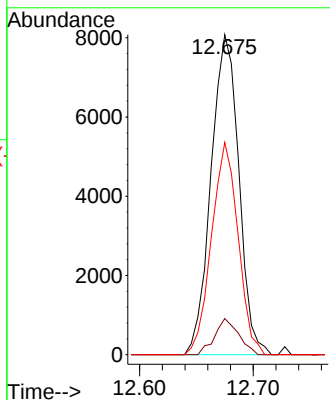
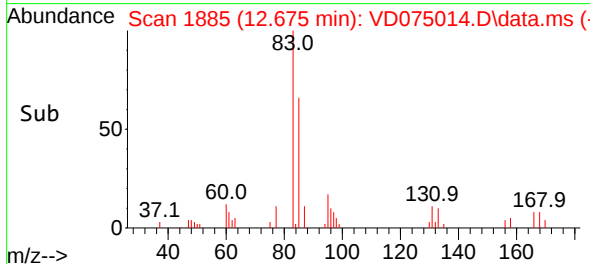
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



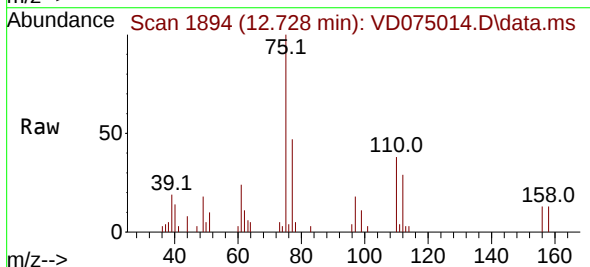
Tgt Ion: 83 Resp: 13734
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.3 32.5 97.4

Manual Integrations
APPROVED

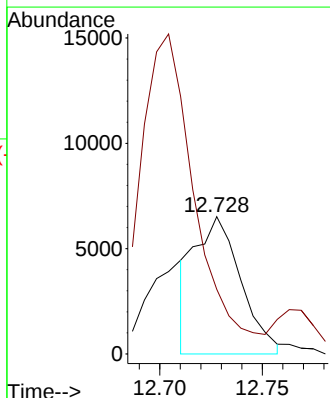
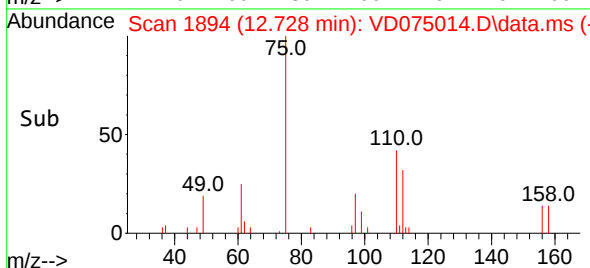
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

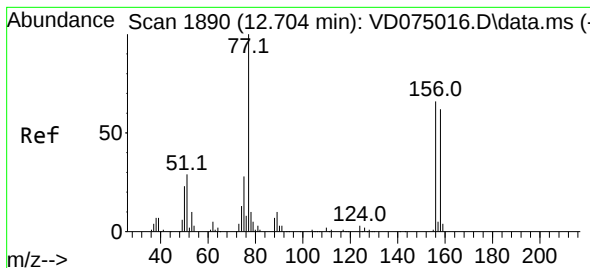


#76
1,2,3-Trichloropropane
Concen: 10.351 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06



Tgt Ion: 75 Resp: 10230
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.882 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

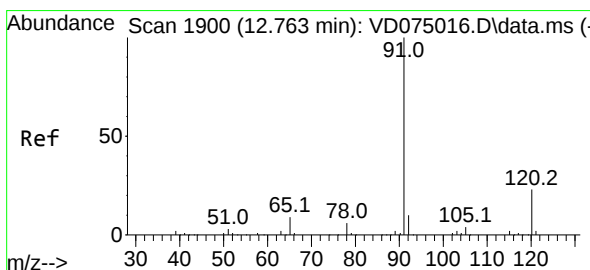
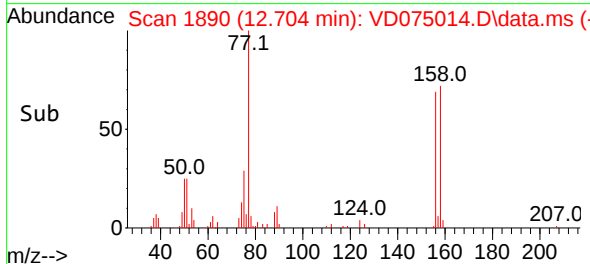
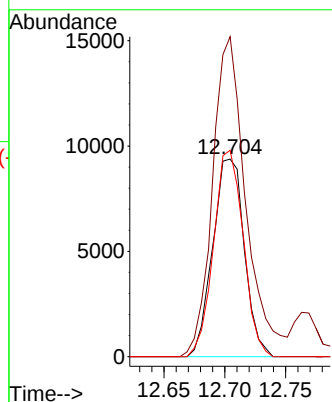
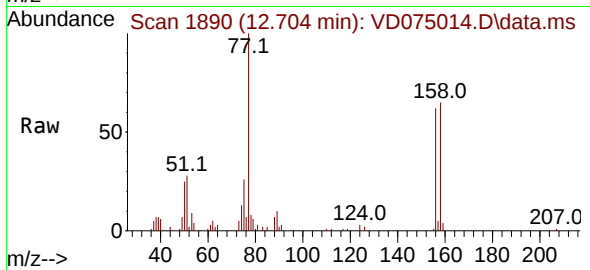
Tgt Ion:	156	Resp:	1692
Ion Ratio	Lower	Upper	
156	100		
77	170.9	85.7	256.9
158	98.1	47.7	143.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 9.523 ug/l

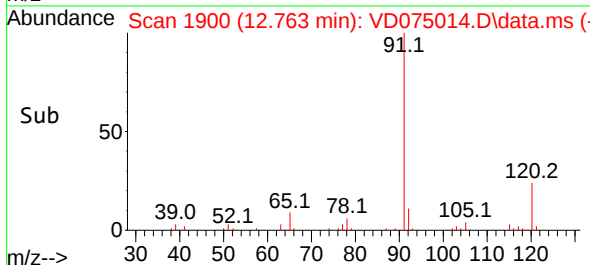
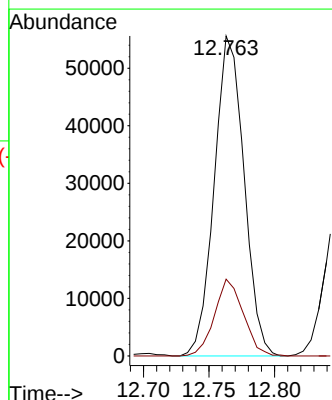
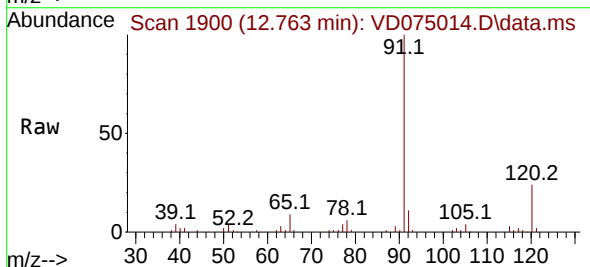
RT: 12.763 min Scan# 1900

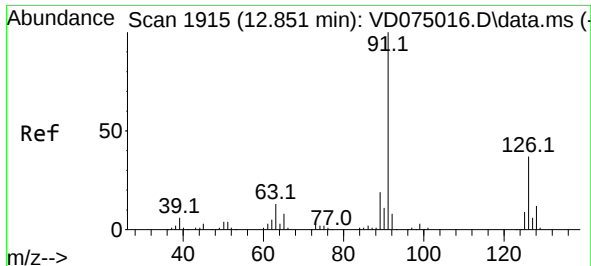
Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Tgt Ion:	91	Resp:	87774
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





#79

2-Chlorotoluene

Concen: 9.724 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 4882

Ion Ratio Lower Upper

91 100

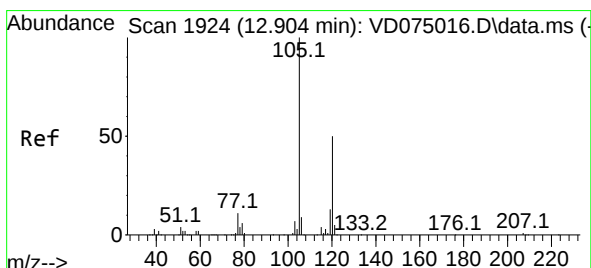
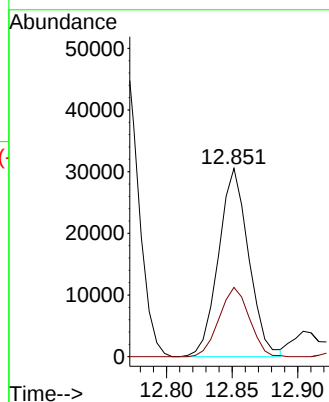
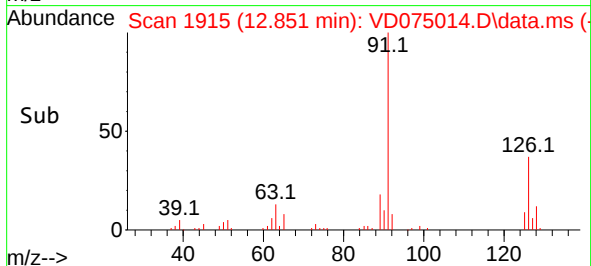
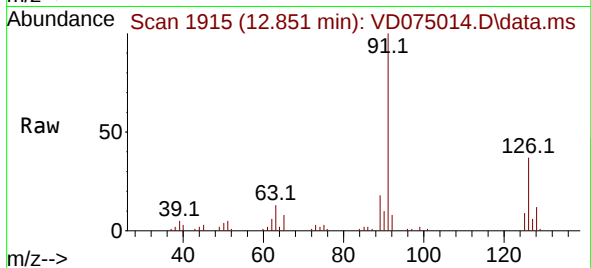
126 36.8 17.9 53.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#80

1,3,5-Trimethylbenzene

Concen: 9.515 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075014.D

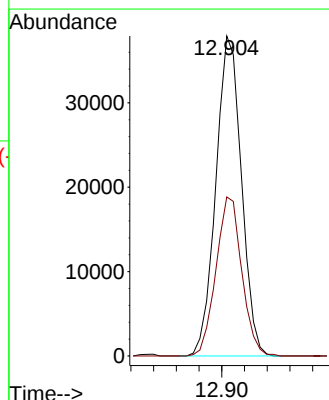
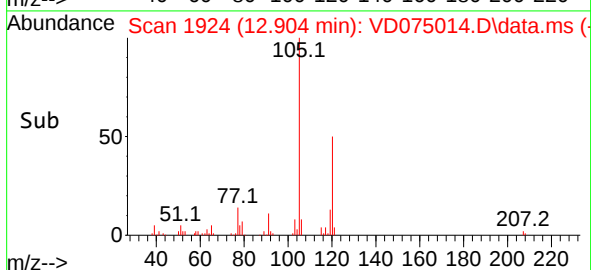
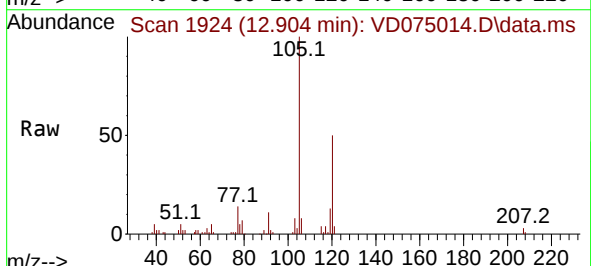
Acq: 14 Dec 2022 11:06

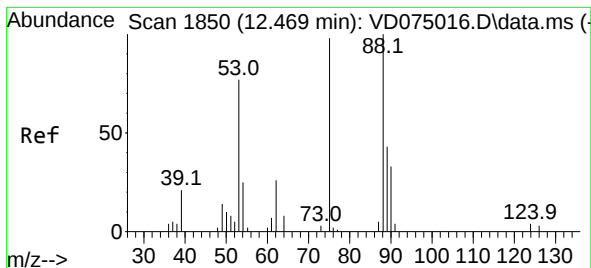
Tgt Ion:105 Resp: 59207

Ion Ratio Lower Upper

105 100

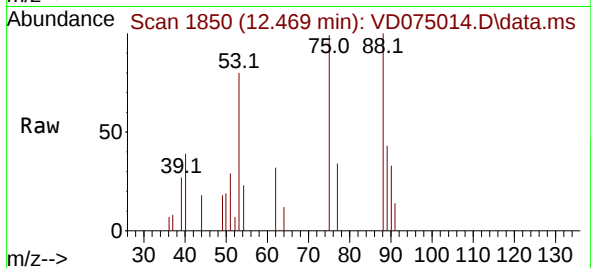
120 50.2 25.1 75.3





#81
trans-1,4-Dichloro-2-butene
Concen: 9.513 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

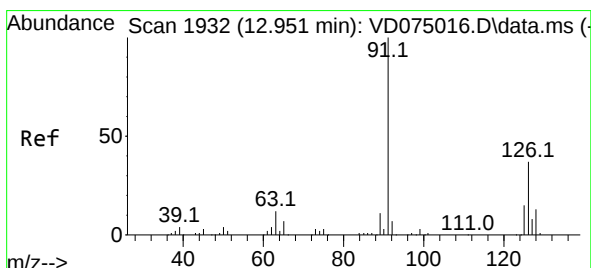
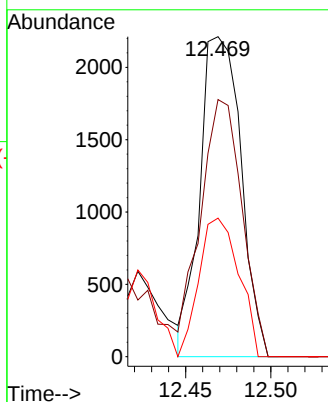
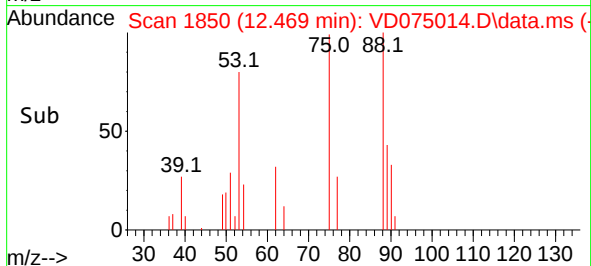
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 3700
Ion Ratio Lower Upper
75 100
53 81.4 61.0 91.6
89 42.2 36.9 55.3

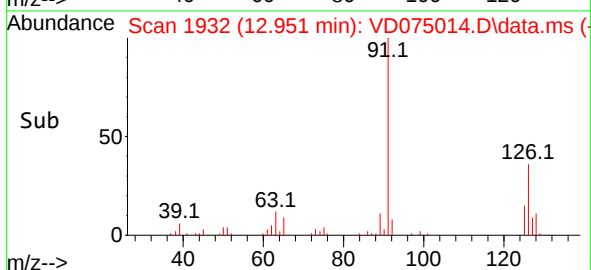
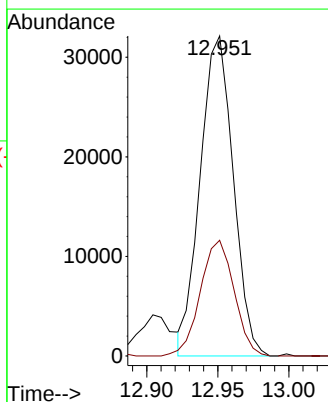
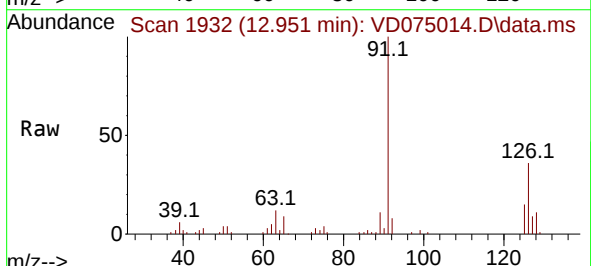
Manual Integrations
APPROVED

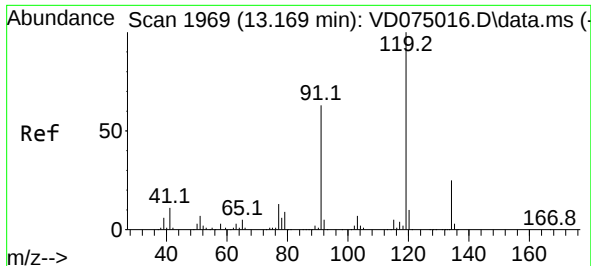
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 9.995 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

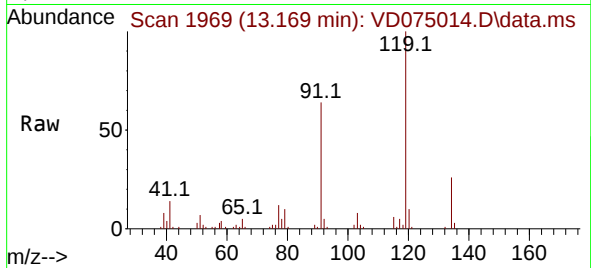
Tgt Ion: 91 Resp: 52040
Ion Ratio Lower Upper
91 100
126 37.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 9.226 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

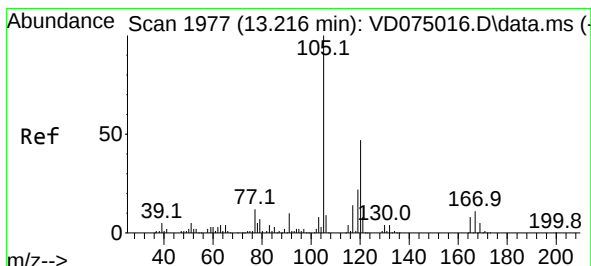
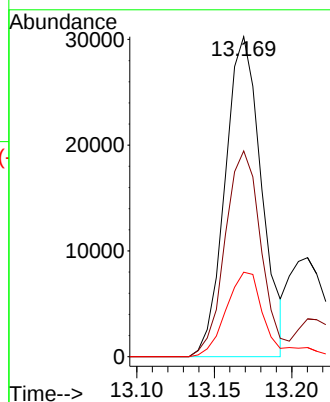
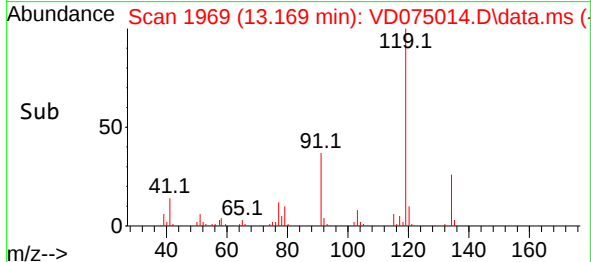
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



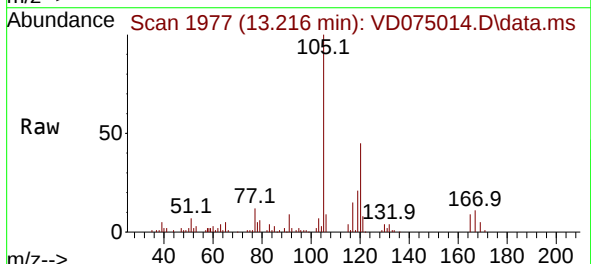
Tgt Ion:119 Resp: 4943
Ion Ratio Lower Upper
119 100
91 64.1 31.4 94.0
134 28.4 13.6 40.7

Manual Integrations
APPROVED

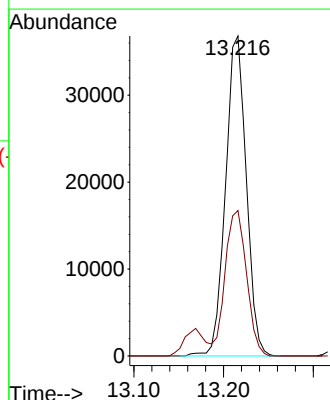
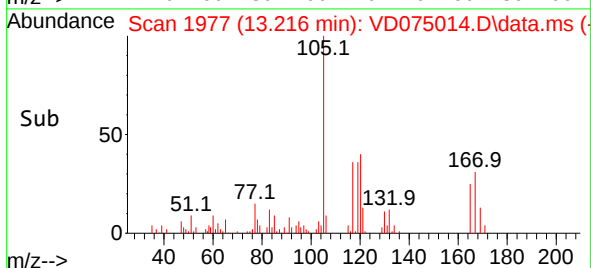
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

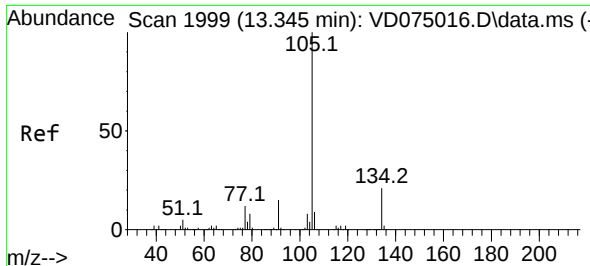


#84
1,2,4-Trimethylbenzene
Concen: 9.563 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06



Tgt Ion:105 Resp: 59004
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0





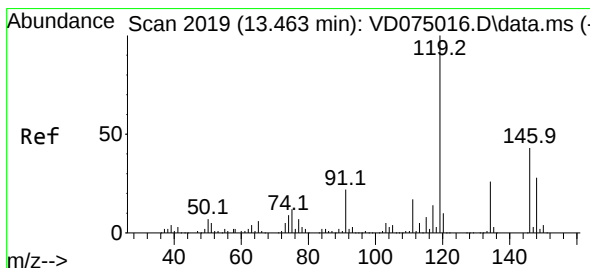
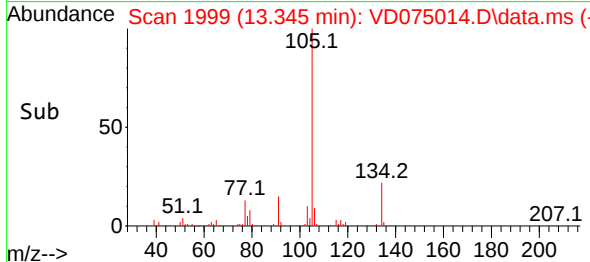
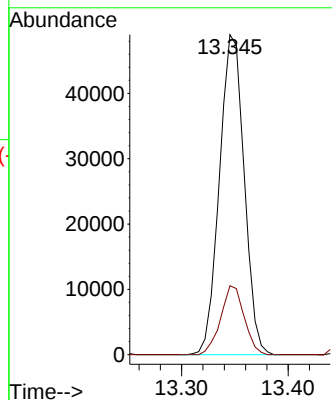
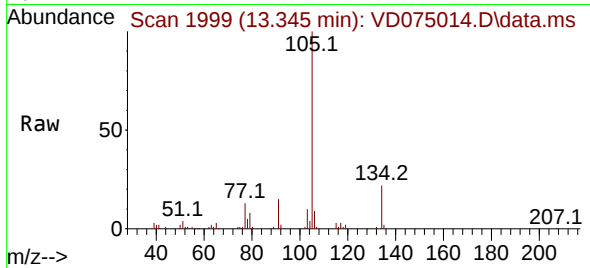
#85
 sec-Butylbenzene
 Concen: 9.465 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 78939
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

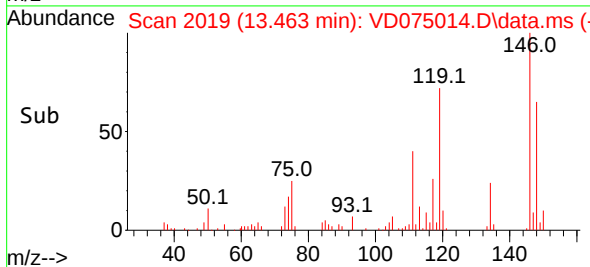
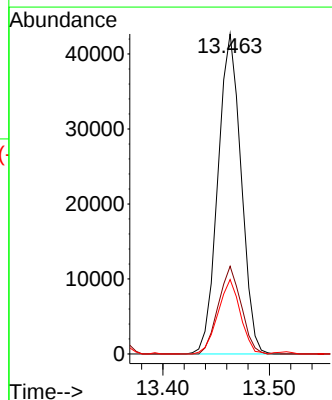
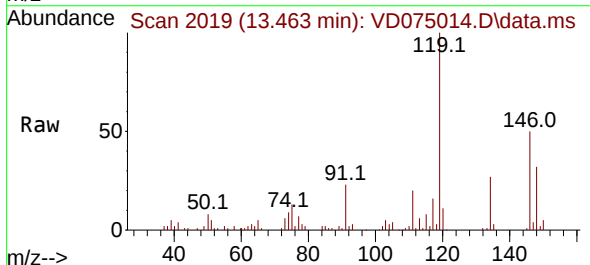
Manual Integrations
 APPROVED

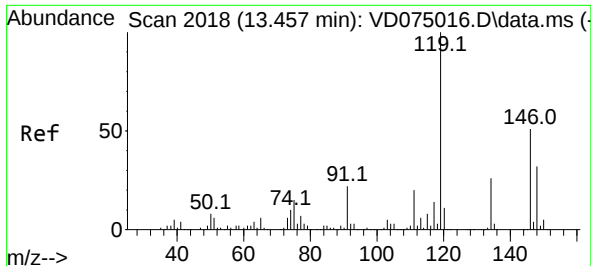
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 9.287 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06

Tgt Ion:119 Resp: 64540
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 22.5 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 9.844 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion:146 Resp: 3563

Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.8

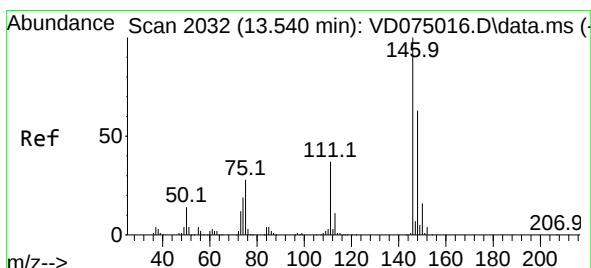
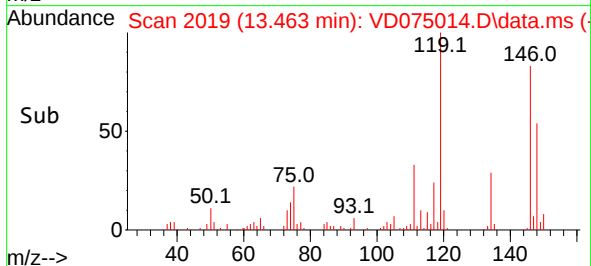
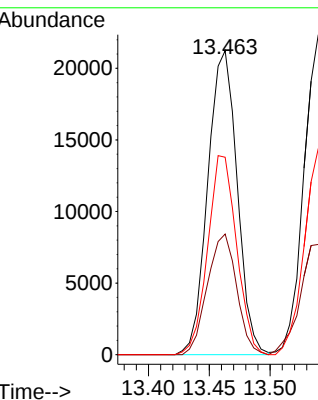
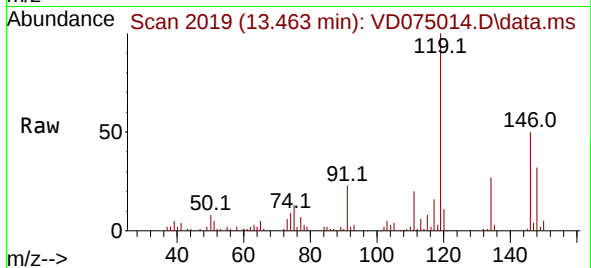
148 64.4 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#88

1,4-Dichlorobenzene

Concen: 10.214 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075014.D

Acq: 14 Dec 2022 11:06

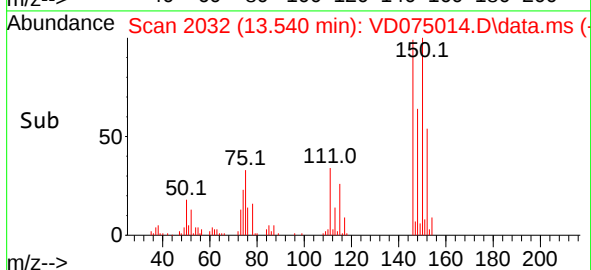
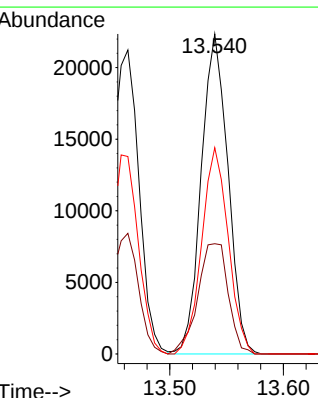
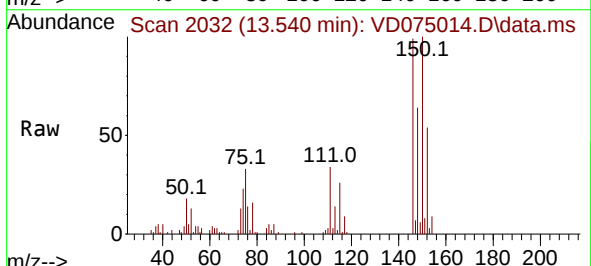
Tgt Ion:146 Resp: 36493

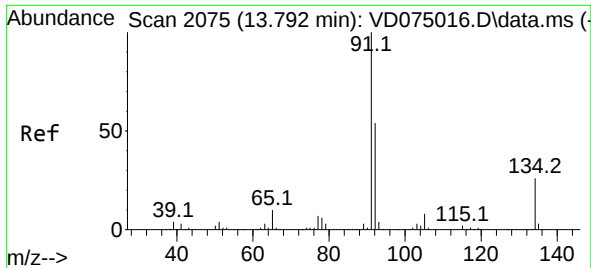
Ion Ratio Lower Upper

146 100

111 39.3 18.5 55.5

148 64.2 31.6 94.7





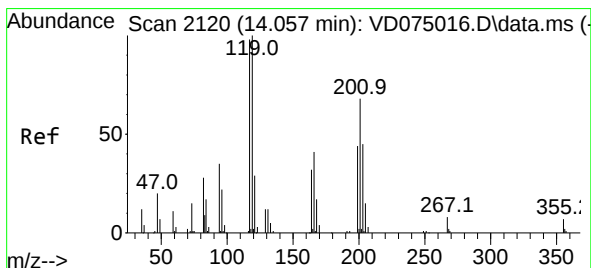
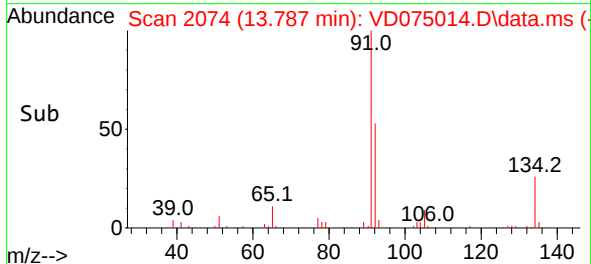
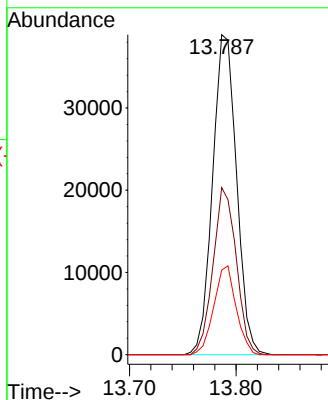
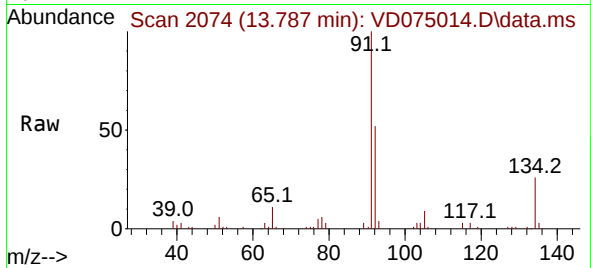
#89
n-Butylbenzene
Concen: 9.350 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 60749
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.2
134 25.9 13.1 39.3

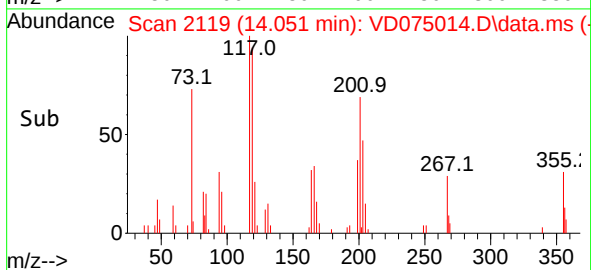
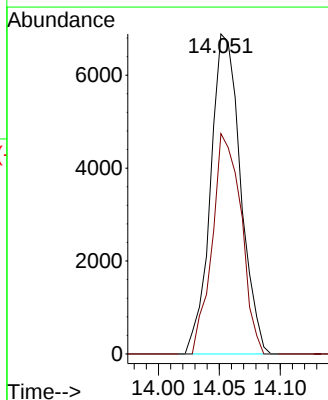
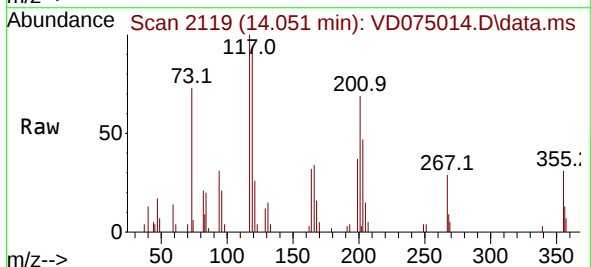
Manual Integrations
APPROVED

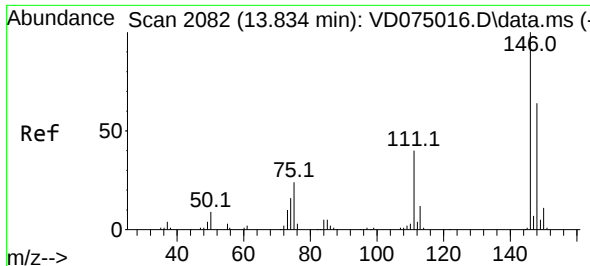
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 9.542 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

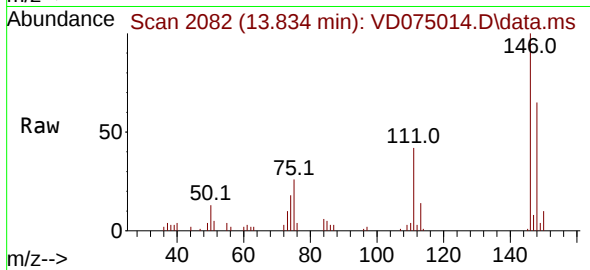
Tgt Ion:117 Resp: 11783
Ion Ratio Lower Upper
117 100
201 66.5 34.1 102.3





#91
1,2-Dichlorobenzene
Concen: 10.144 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

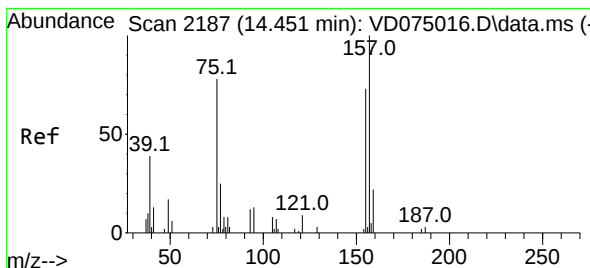
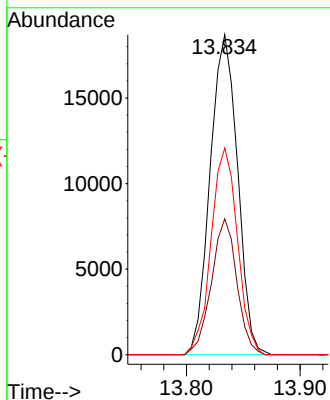
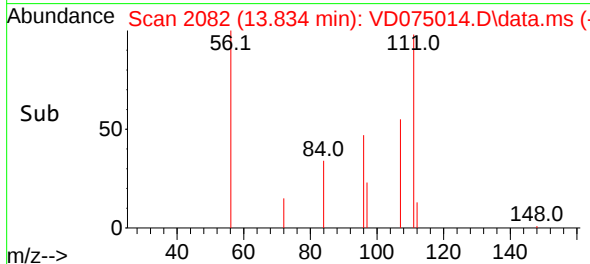
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:146 Resp: 31344
Ion Ratio Lower Upper
146 100
111 39.5 19.6 58.7
148 62.3 31.3 93.8

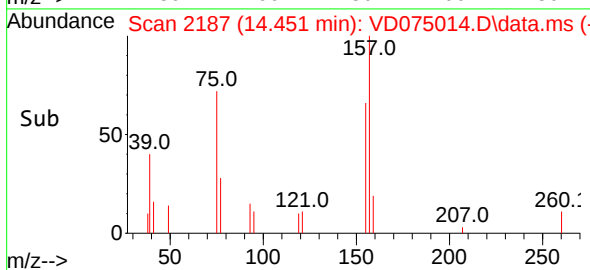
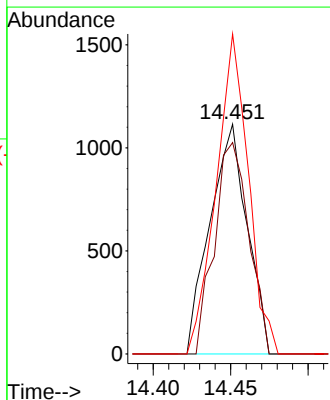
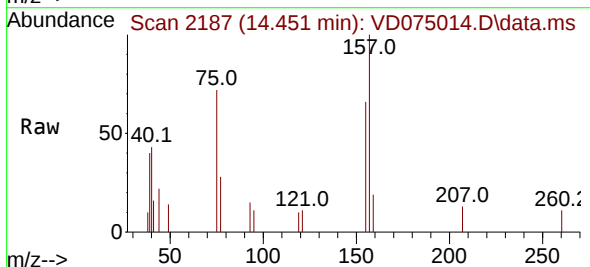
Manual Integrations
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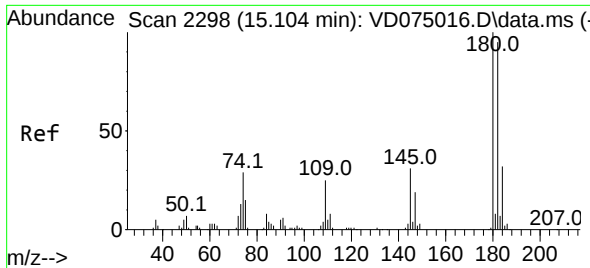
Reviewed By :Krupa Patel 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.355 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

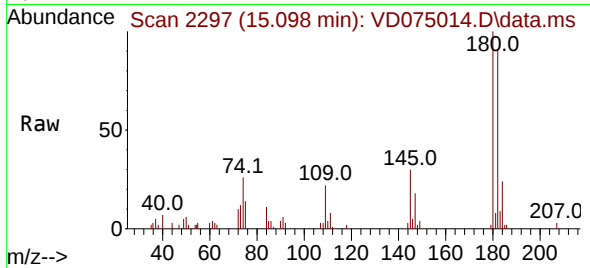
Tgt Ion: 75 Resp: 1856
Ion Ratio Lower Upper
75 100
155 85.5 47.6 142.9
157 120.7 60.5 181.4





#93
 1,2,4-Trichlorobenzene
 Concen: 9.646 ug/l
 RT: 15.098 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06

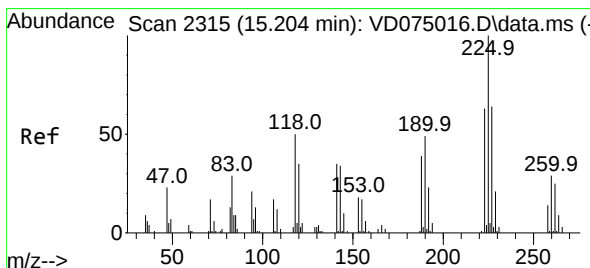
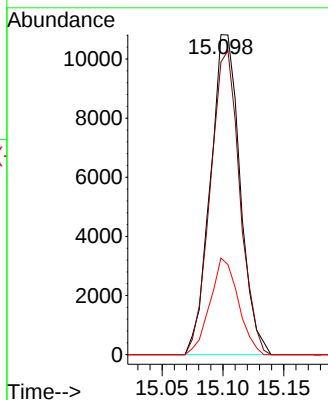
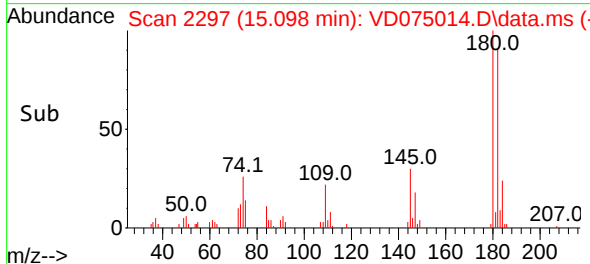
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



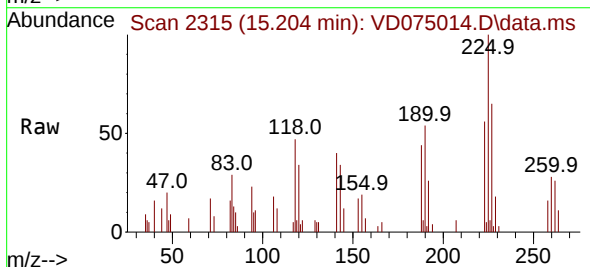
Tgt Ion:180 Resp: 1837
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.1 141.4
 145 28.7 14.8 44.4

Manual Integrations
 APPROVED

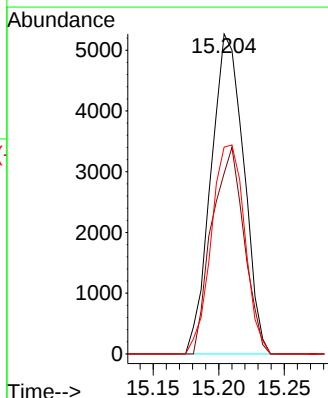
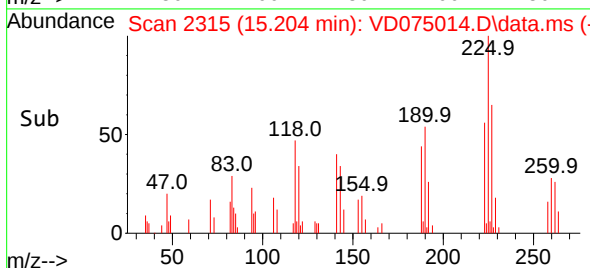
Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

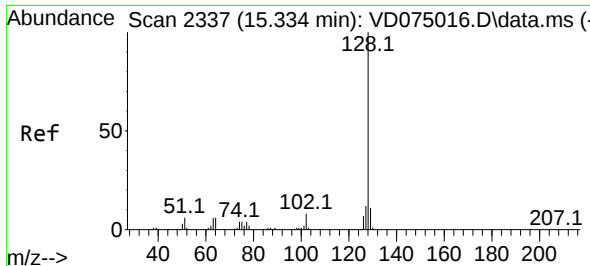


#94
 Hexachlorobutadiene
 Concen: 9.345 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD075014.D
 Acq: 14 Dec 2022 11:06



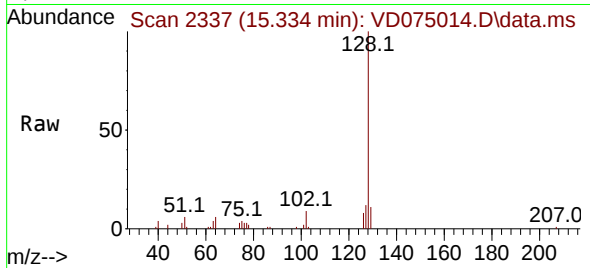
Tgt Ion:225 Resp: 9164
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.3 96.9
 227 66.4 31.8 95.4





#95
Naphthalene
Concen: 9.494 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

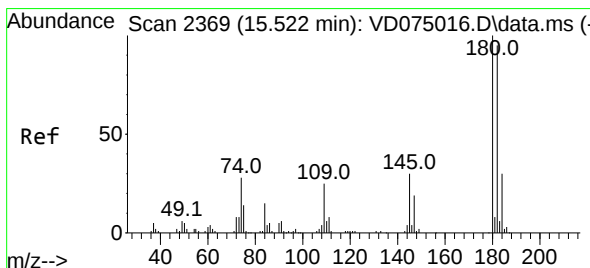
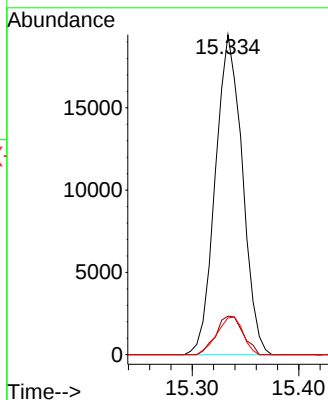
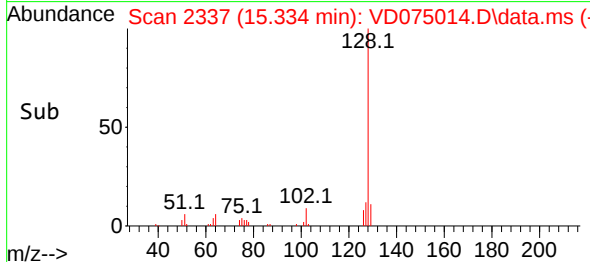
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 34198
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 11.3 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.660 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075014.D
Acq: 14 Dec 2022 11:06

Tgt Ion:180 Resp: 15604
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.8
145 31.3 15.8 47.4

