

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074181.D
 Acq On : 23 Aug 2022 10:43
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 23 12:46:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	163990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	272769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	257212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18532	11.960	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	23.920%#		
35) Dibromofluoromethane	7.903	113	19643	11.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	22.160%#		
50) Toluene-d8	10.326	98	65190	11.844	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	23.680%#		
62) 4-Bromofluorobenzene	12.620	95	25238	11.353	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	22.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	13421	8.473	ug/l	100
3) Chloromethane	2.209	50	9391	5.369	ug/l	98
4) Vinyl Chloride	2.344	62	9814	4.358	ug/l	92
5) Bromomethane	2.762	94	6630	3.704	ug/l	99
6) Chloroethane	2.909	64	6317	3.375	ug/l #	87
7) Trichlorofluoromethane	3.262	101	28111	8.094	ug/l	100
8) Diethyl Ether	3.709	74	7407	9.828	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	17632	9.334	ug/l	98
10) Methyl Iodide	4.291	142	17150	9.748	ug/l	98
11) Tert butyl alcohol	5.226	59	5514	51.345	ug/l #	92
12) 1,1-Dichloroethene	4.067	96	14404	9.131	ug/l	83
13) Acrolein	3.926	56	3189	37.737	ug/l	92
14) Allyl chloride	4.709	41	24430	11.830	ug/l #	92
15) Acrylonitrile	5.420	53	18513	60.581	ug/l	99
16) Acetone	4.150	43	14808	45.193	ug/l	90
17) Carbon Disulfide	4.403	76	40652	9.807	ug/l	97
18) Methyl Acetate	4.726	43	9314	11.218	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	37645	10.972	ug/l	93
20) Methylene Chloride	4.956	84	28803	11.636	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	17358	10.003	ug/l	95
22) Diisopropyl ether	6.361	45	52219	11.997	ug/l	93
23) Vinyl Acetate	6.297	43	125163	55.886	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	34508	11.531	ug/l	98
25) 2-Butanone	7.203	43	24894	56.892	ug/l	92
26) 2,2-Dichloropropane	7.203	77	30216	10.001	ug/l	93
27) cis-1,2-Dichloroethene	7.203	96	20481	10.181	ug/l	94
28) Bromochloromethane	7.544	49	10413	9.730	ug/l #	81
29) Tetrahydrofuran	7.556	42	14457	59.251	ug/l	95
30) Chloroform	7.703	83	37068	10.808	ug/l	96
31) Cyclohexane	7.979	56	27838	10.801	ug/l #	66
32) 1,1,1-Trichloroethane	7.897	97	33540	10.452	ug/l	95
36) 1,1-Dichloropropene	8.103	75	24117	9.605	ug/l	94
37) Ethyl Acetate	7.291	43	9214	9.364	ug/l #	85
38) Carbon Tetrachloride	8.085	117	27631	9.737	ug/l	96
39) Methylcyclohexane	9.344	83	25248	8.997	ug/l	95
40) Benzene	8.350	78	74584	10.547	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	6495	12.528	ug/l	96
42) 1,2-Dichloroethane	8.420	62	22051	10.503	ug/l	98
43) Isopropyl Acetate	8.444	43	21226	11.643	ug/l #	93
44) Trichloroethene	9.102	130	22054	10.720	ug/l	95
45) 1,2-Dichloropropane	9.379	63	18481	10.823	ug/l	90
46) Dibromomethane	9.467	93	10782	10.180	ug/l	92
47) Bromodichloromethane	9.655	83	29073	10.685	ug/l #	96
48) Methyl methacrylate	9.444	41	8832	10.419	ug/l	84
49) 1,4-Dioxane	9.450	88	2421	230.879	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	53645	57.385	ug/l	97
52) Toluene	10.397	92	48160	10.449	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	24376	10.392	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	28545	10.430	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	15451	11.008	ug/l	94
56) Ethyl methacrylate	10.655	69	15492	10.500	ug/l	88
57) 1,3-Dichloropropane	10.932	76	23991	10.558	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	26567	50.628	ug/l	93
59) 2-Hexanone	10.973	43	35143	55.041	ug/l	96
60) Dibromochloromethane	11.126	129	19467	10.266	ug/l	100
61) 1,2-Dibromoethane	11.232	107	14818	10.772	ug/l	100
64) Tetrachloroethene	10.867	164	17195	10.170	ug/l	93
65) Chlorobenzene	11.655	112	54118	10.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	20554	10.139	ug/l	97
67) Ethyl Benzene	11.732	91	87274	9.787	ug/l	96
68) m/p-Xylenes	11.838	106	70904	19.791	ug/l	95
69) o-Xylene	12.167	106	32560	9.991	ug/l	92
70) Styrene	12.185	104	57037	10.044	ug/l	95
71) Bromoform	12.349	173	11102	10.558	ug/l #	96
73) Isopropylbenzene	12.467	105	84313	9.787	ug/l	98
74) N-amyl acetate	12.273	43	18594	10.997	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	16533	10.595	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	13225m	11.122	ug/l	
77) Bromobenzene	12.743	156	21433	10.408	ug/l	86
78) n-propylbenzene	12.808	91	102305	9.602	ug/l	99
79) 2-Chlorotoluene	12.891	91	62705	10.336	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	72426	9.861	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.508	75	4202	9.520	ug/l #	91
82) 4-Chlorotoluene	12.991	91	65534	10.215	ug/l	98
83) tert-Butylbenzene	13.208	119	59592	9.467	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	72605	9.884	ug/l	100
85) sec-Butylbenzene	13.385	105	91726	9.481	ug/l	100
86) p-Isopropyltoluene	13.502	119	73239	9.071	ug/l	97
87) 1,3-Dichlorobenzene	13.496	146	44111	10.139	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	45062	10.384	ug/l	98
89) n-Butylbenzene	13.826	91	69382	8.991	ug/l	97
90) Hexachloroethane	14.090	117	15607	9.307	ug/l	92
91) 1,2-Dichlorobenzene	13.873	146	38253	9.915	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	2539	9.612	ug/l	85
93) 1,2,4-Trichlorobenzene	15.137	180	21322	8.767	ug/l	98
94) Hexachlorobutadiene	15.243	225	12963	9.018	ug/l	89
95) Naphthalene	15.373	128	36800	8.787	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	18743	8.746	ug/l	95

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

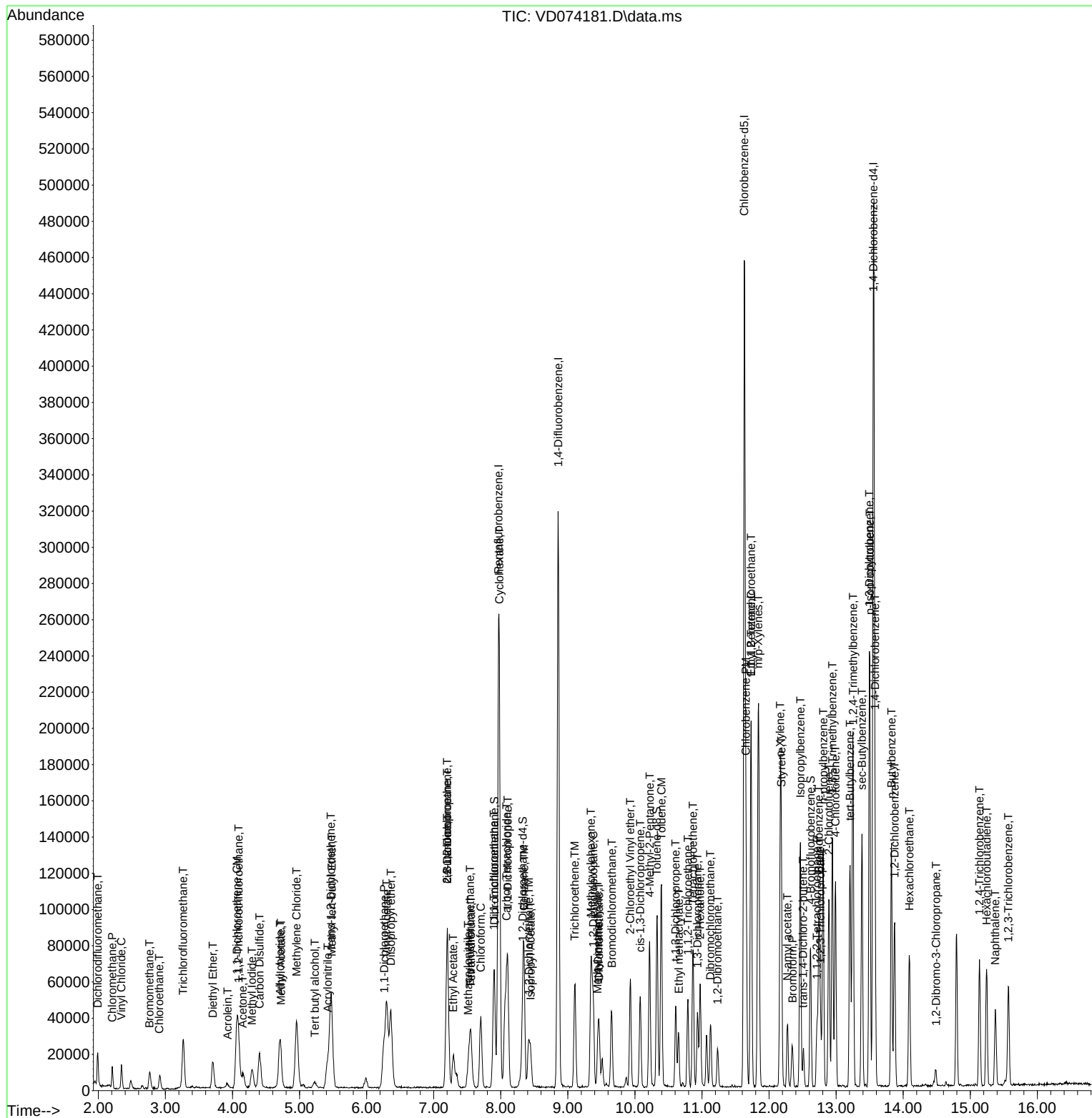
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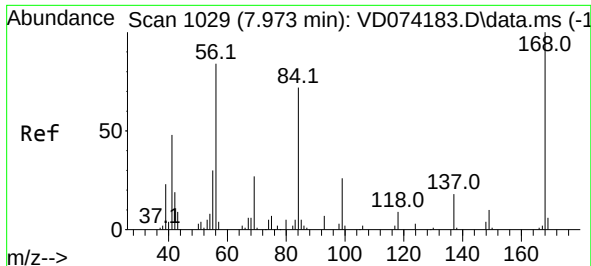
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Manual Integrations APPROVED

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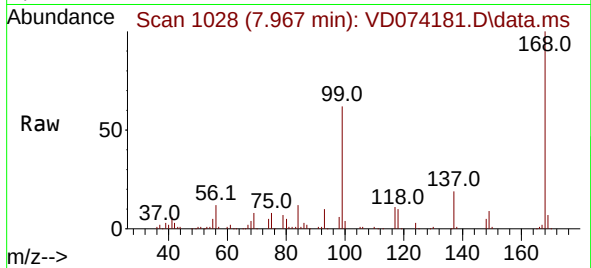
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074181.D
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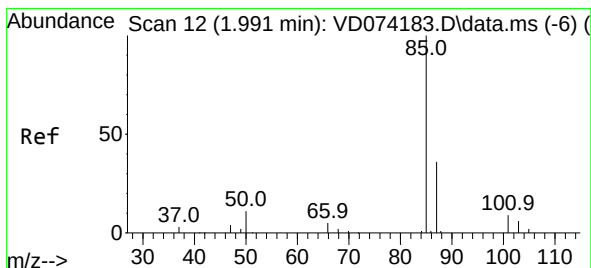
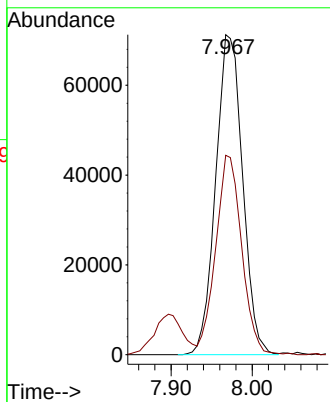
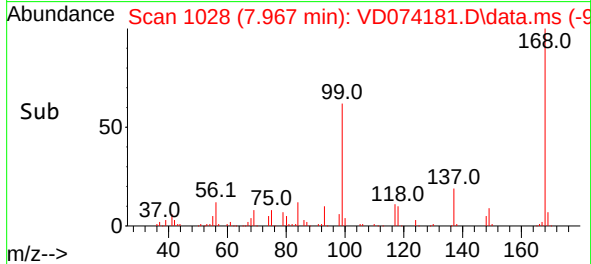
Instrument :
MSVOA_D
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VSTDIC010



Tgt Ion:168 Resp: 163990
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6

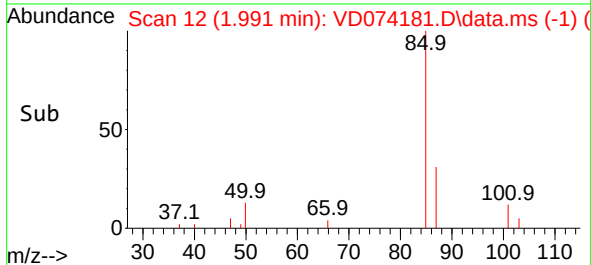
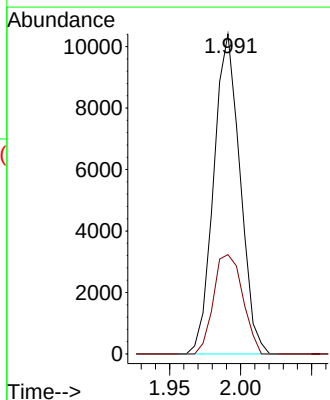
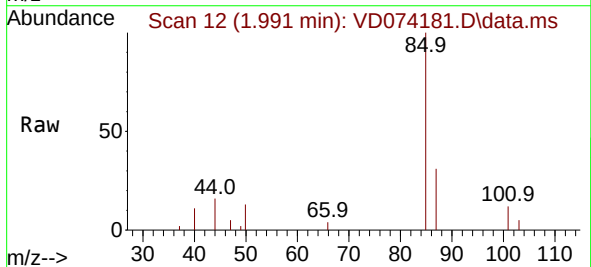
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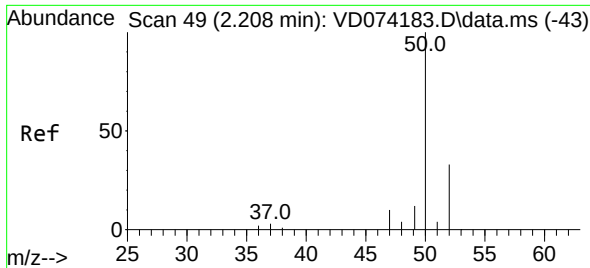
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#2
Dichlorodifluoromethane
Concen: 8.473 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 85 Resp: 13421
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.0





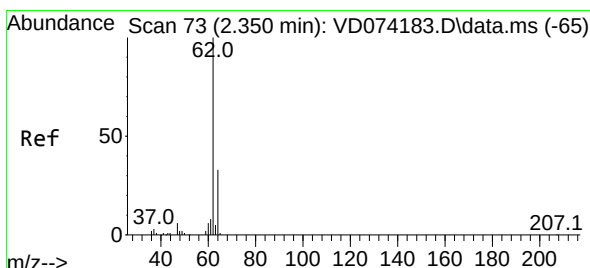
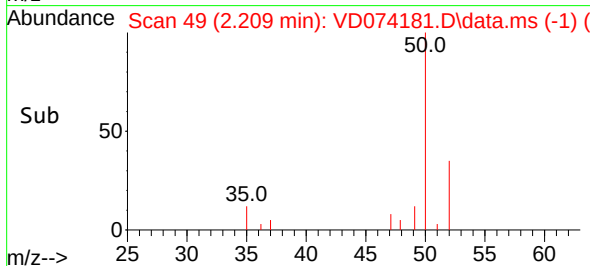
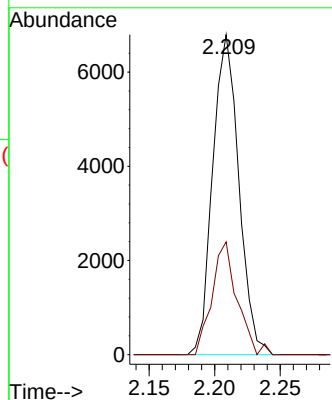
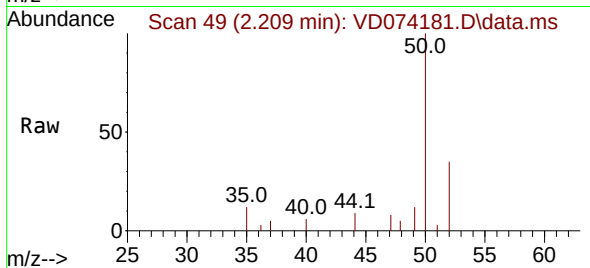
#3
Chloromethane
Concen: 5.369 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 50 Resp: 939
Ion Ratio Lower Upper
50 100
52 35.2 27.4 41.0

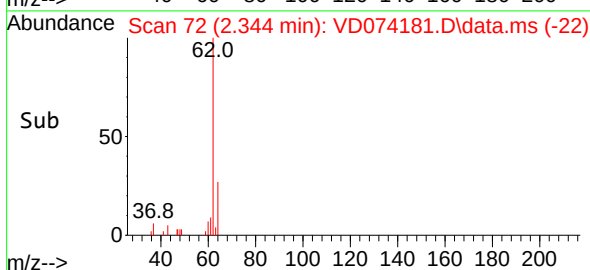
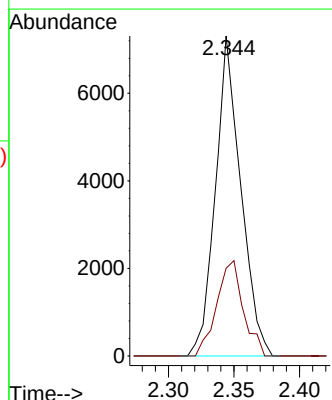
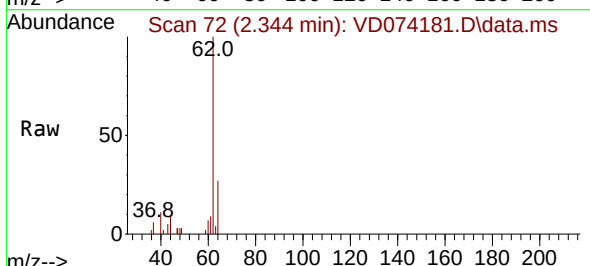
Manual Integrations
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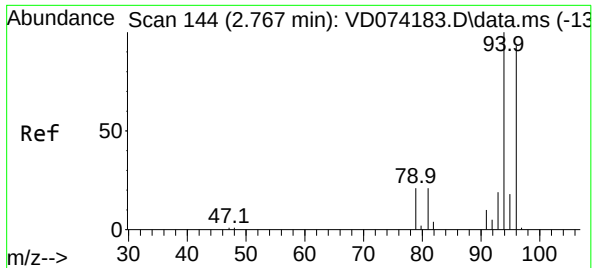
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#4
Vinyl Chloride
Concen: 4.358 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 62 Resp: 9814
Ion Ratio Lower Upper
62 100
64 27.4 25.4 38.0





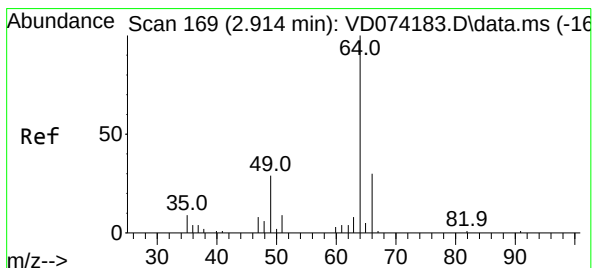
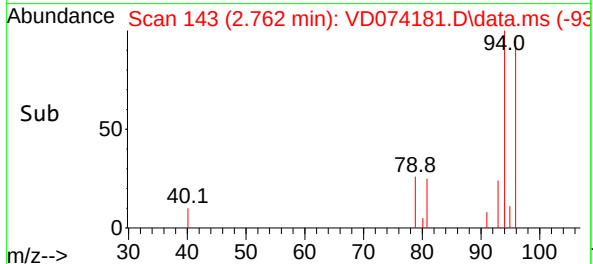
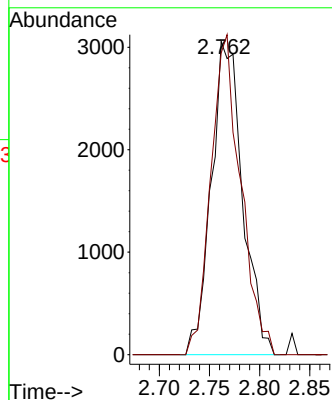
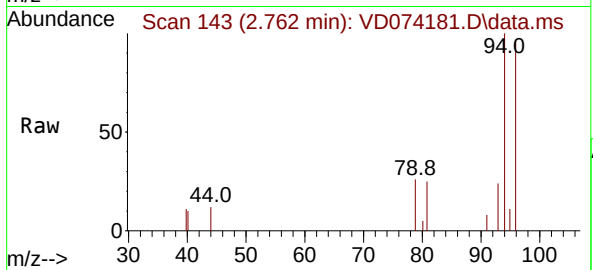
#5
Bromomethane
Concen: 3.704 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD074181.D
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Instrument :
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Tgt Ion: 94 Resp: 6630
Ion Ratio Lower Upper
94 100
96 96.3 77.6 116.4

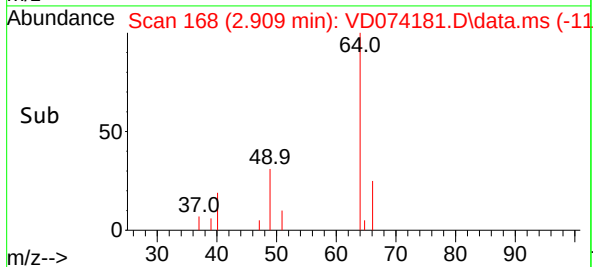
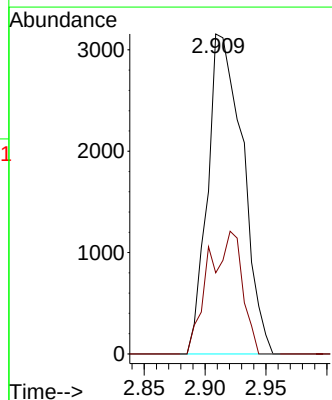
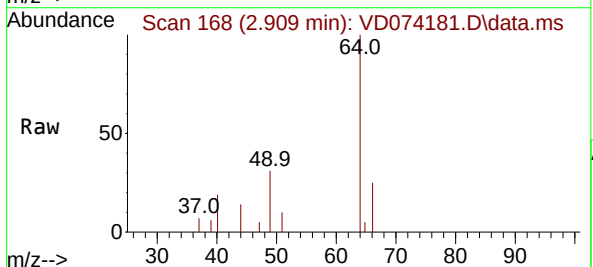
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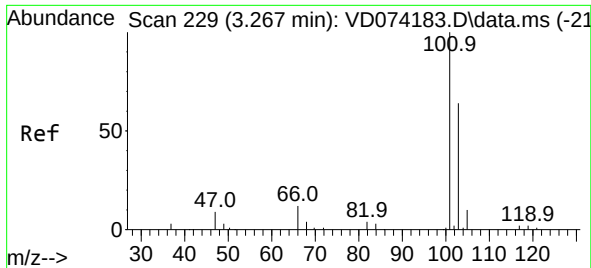
Reviewed By :Krupa Patel 08/24/2022
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#6
Chloroethane
Concen: 3.375 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 64 Resp: 6317
Ion Ratio Lower Upper
64 100
66 25.3 25.9 38.9#





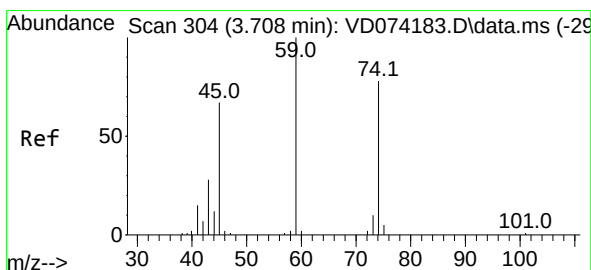
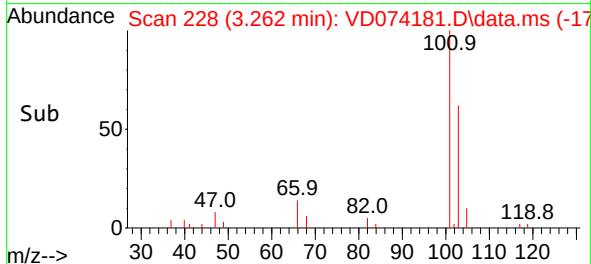
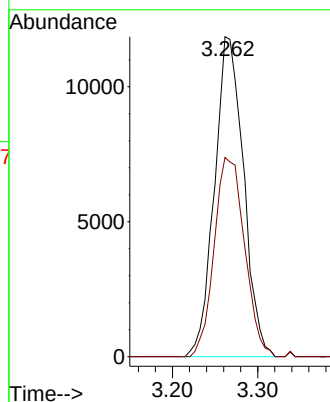
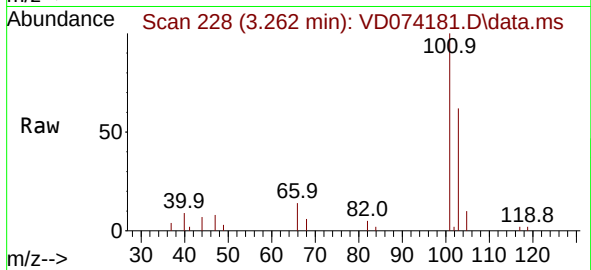
#7
Trichlorofluoromethane
Concen: 8.094 ug/l
RT: 3.262 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 2811
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1

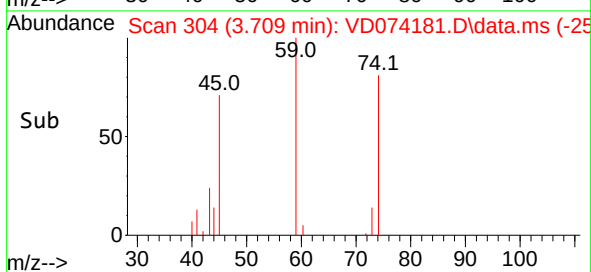
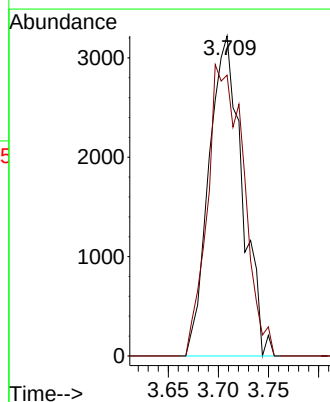
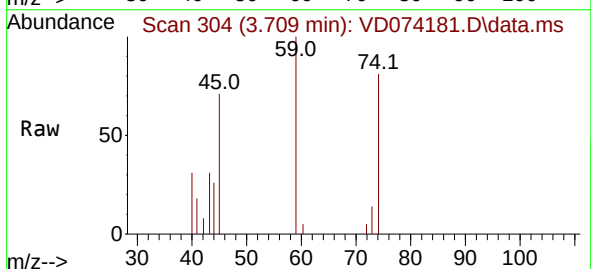
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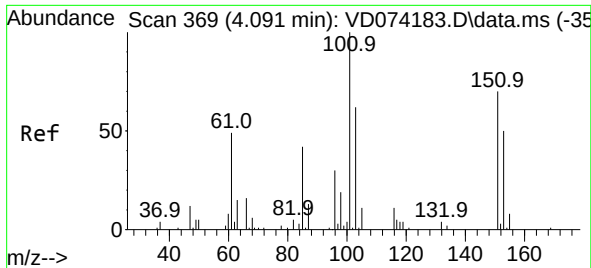
Reviewed By :Krupa Patel 08/24/2022
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#8
Diethyl Ether
Concen: 9.828 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 74 Resp: 7407
Ion Ratio Lower Upper
74 100
45 99.8 52.6 157.8





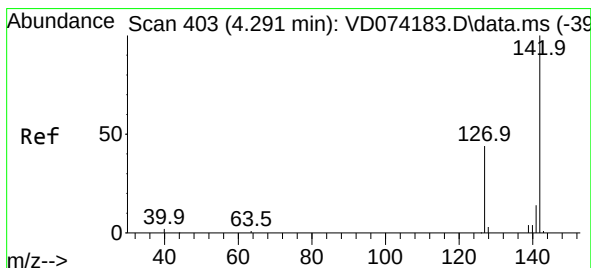
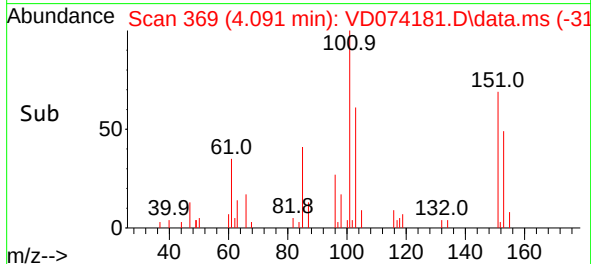
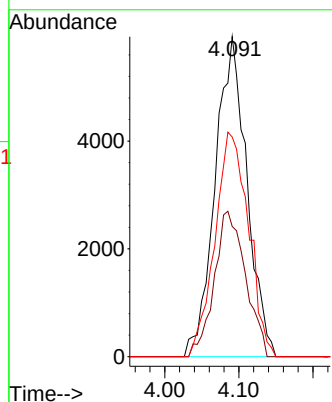
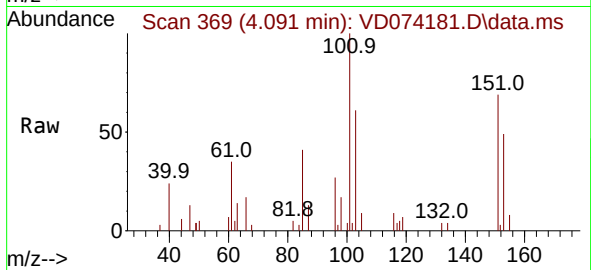
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.334 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1763
Ion Ratio Lower Upper
101 100
85 44.9 36.4 54.6
151 74.3 57.3 85.9

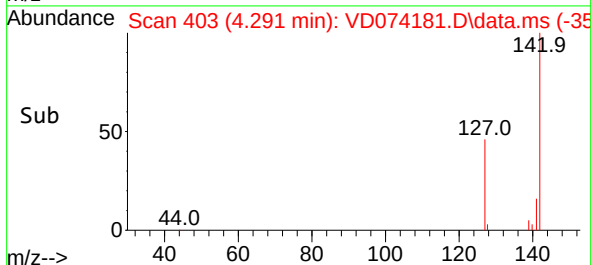
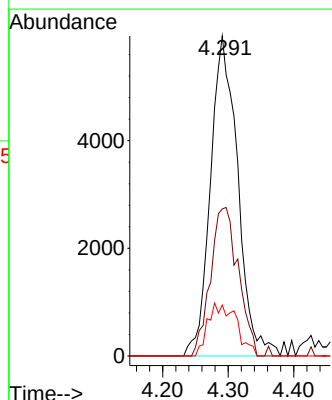
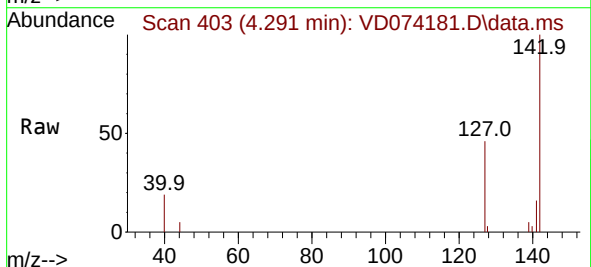
Manual Integrations
APPROVED

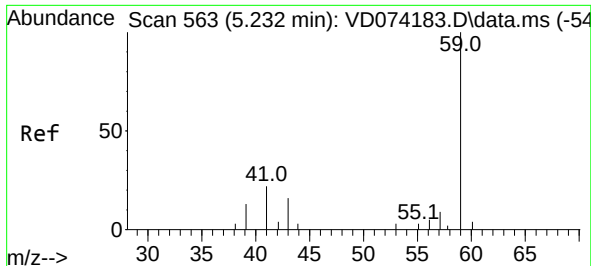
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#10
Methyl Iodide
Concen: 9.748 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion:142 Resp: 17150
Ion Ratio Lower Upper
142 100
127 47.3 37.3 55.9
141 17.2 11.7 17.5





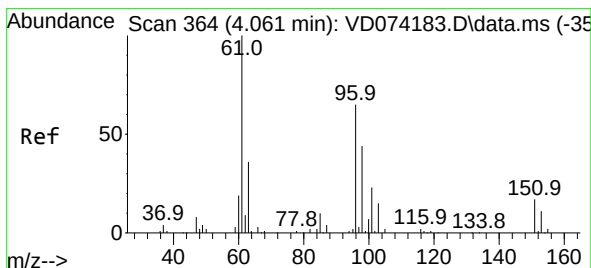
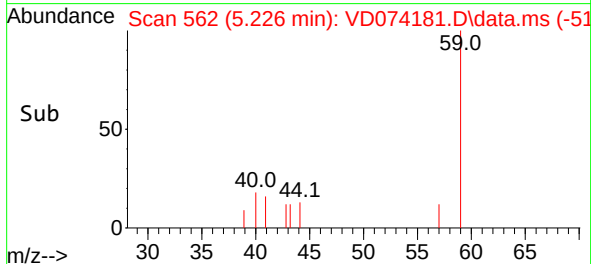
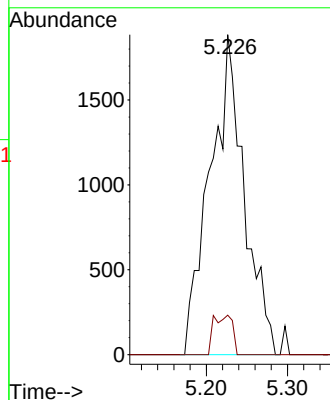
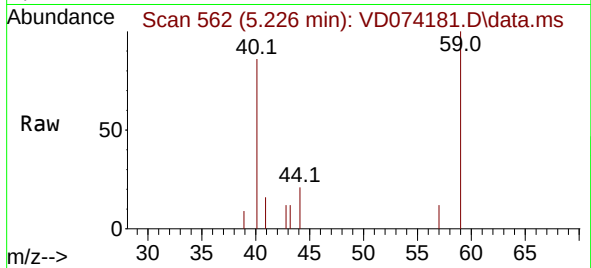
#11
Tert butyl alcohol
Concen: 51.345 ug/l
RT: 5.226 min Scan# 501
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 5514
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.6

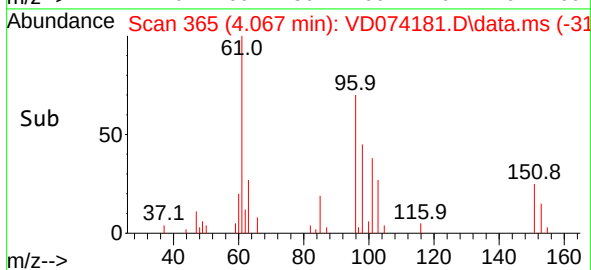
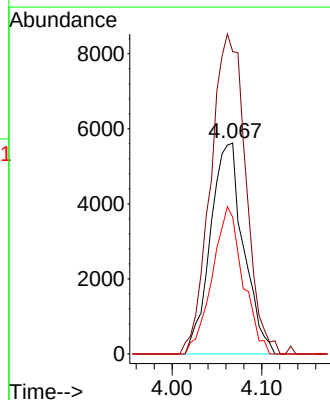
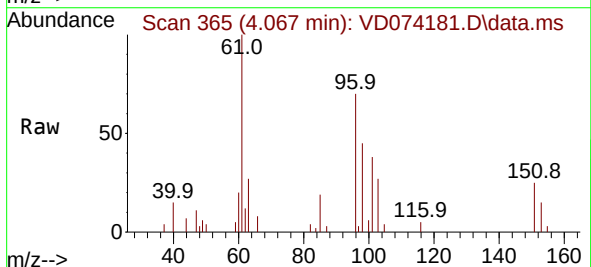
Manual Integrations
APPROVED

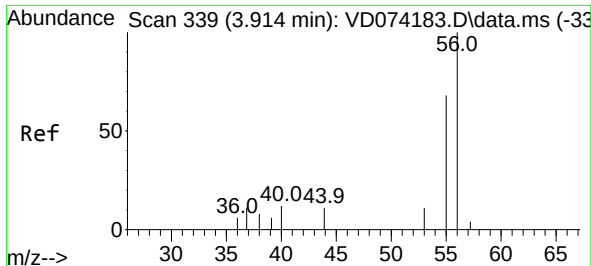
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#12
1,1-Dichloroethene
Concen: 9.131 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 96 Resp: 14404
Ion Ratio Lower Upper
96 100
61 143.4 138.5 207.7
98 64.9 48.6 73.0





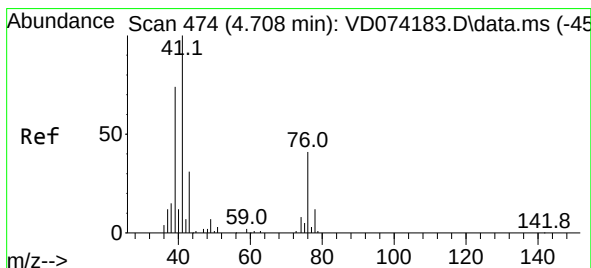
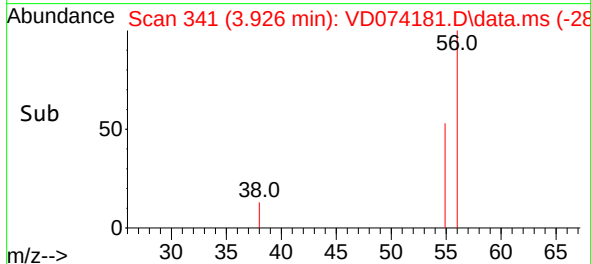
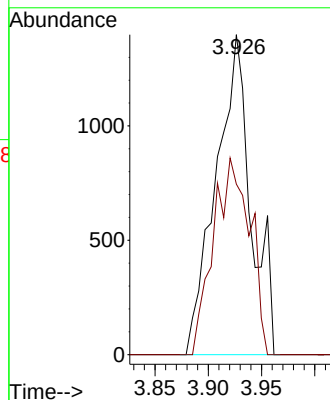
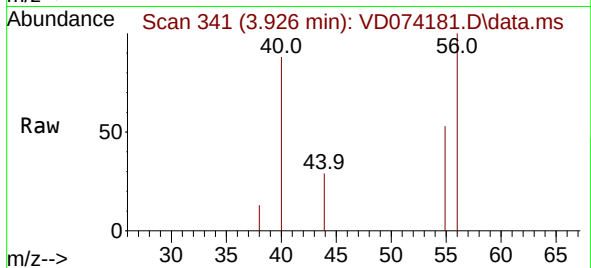
#13
Acrolein
Concen: 37.737 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 3189
Ion Ratio Lower Upper
56 100
55 64.7 57.1 85.7

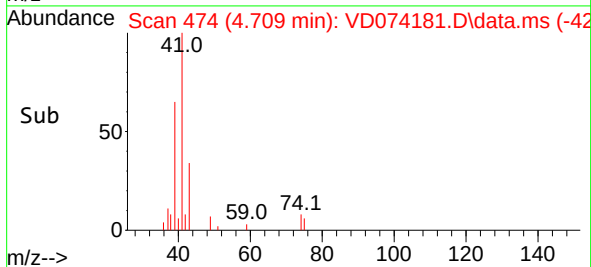
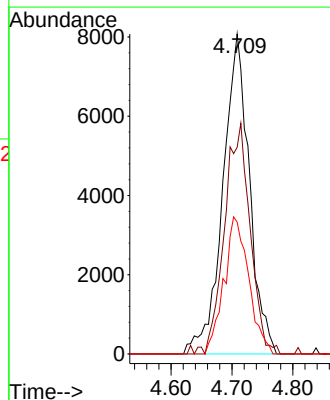
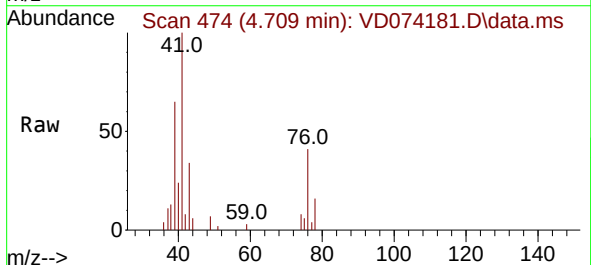
Manual Integrations
APPROVED

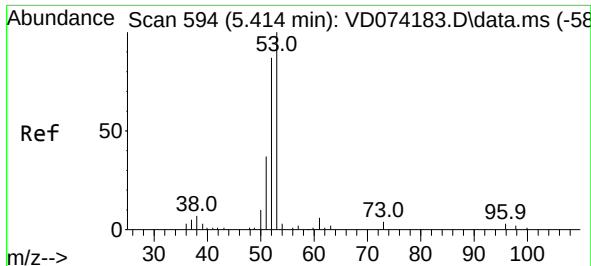
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#14
Allyl chloride
Concen: 11.830 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

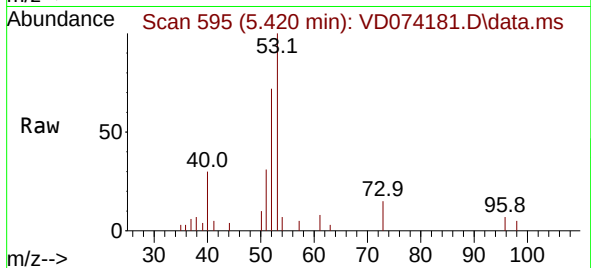
Tgt Ion: 41 Resp: 24430
Ion Ratio Lower Upper
41 100
39 69.9 59.3 88.9
76 40.0 25.7 38.5





#15
Acrylonitrile
Concen: 60.581 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

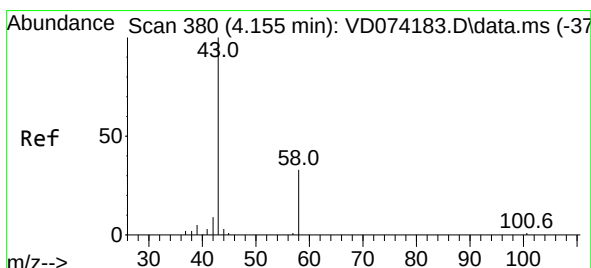
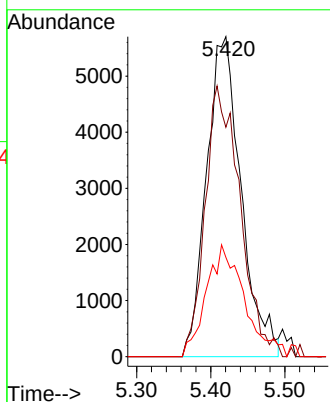
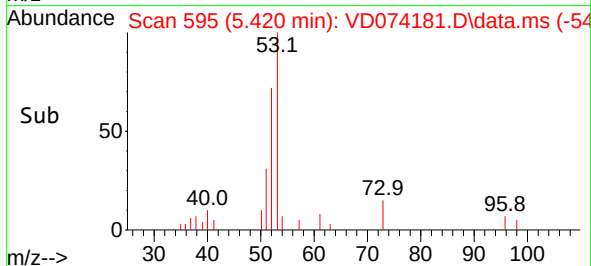
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



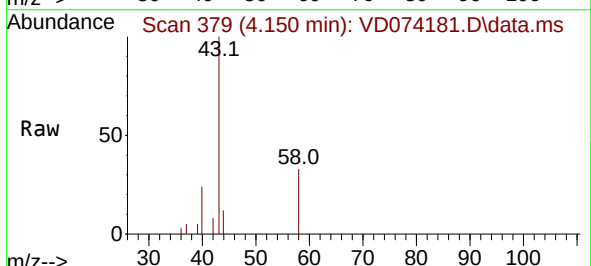
Tgt Ion: 53 Resp: 1851
Ion Ratio Lower Upper
53 100
52 85.5 67.2 100.8
51 38.3 30.3 45.5

Manual Integrations
APPROVED

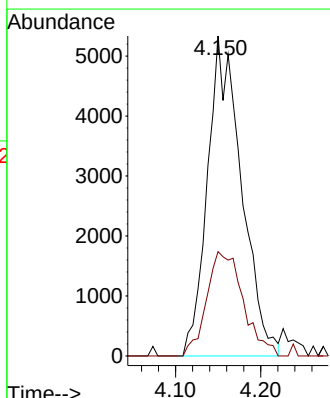
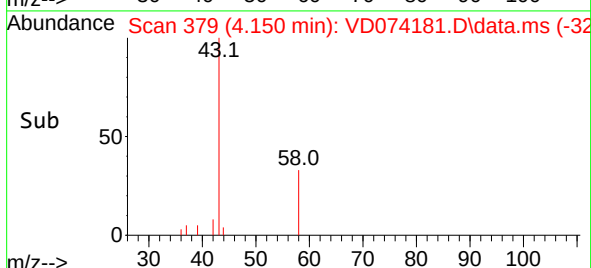
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

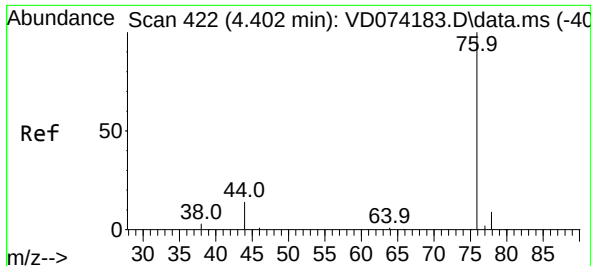


#16
Acetone
Concen: 45.193 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



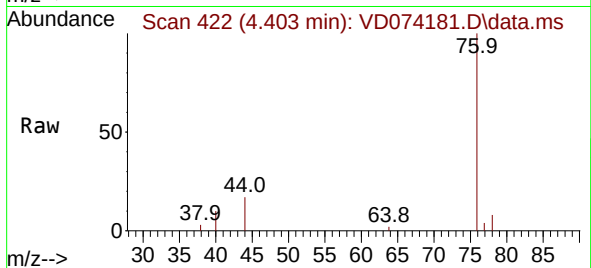
Tgt Ion: 43 Resp: 14808
Ion Ratio Lower Upper
43 100
58 32.6 22.1 33.1





#17
Carbon Disulfide
Concen: 9.807 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

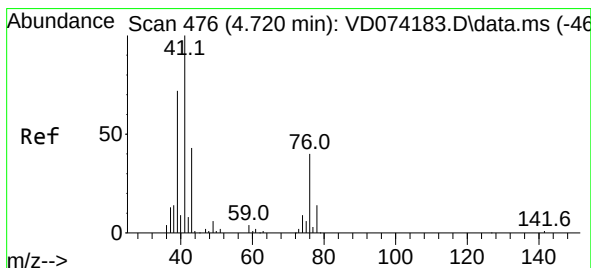
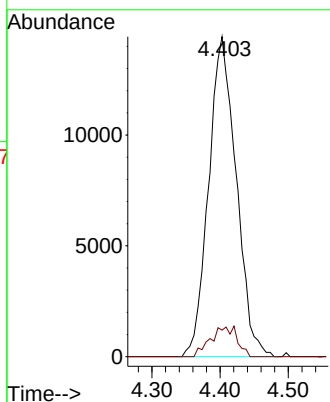
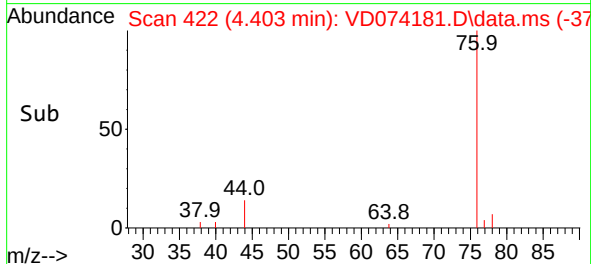
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 40652
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

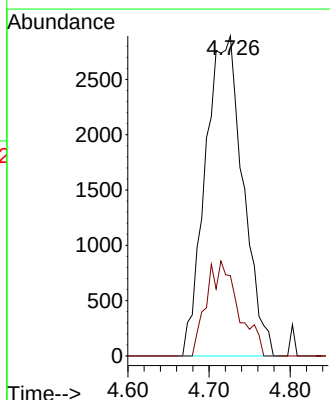
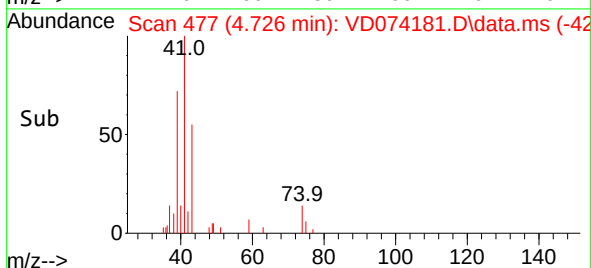
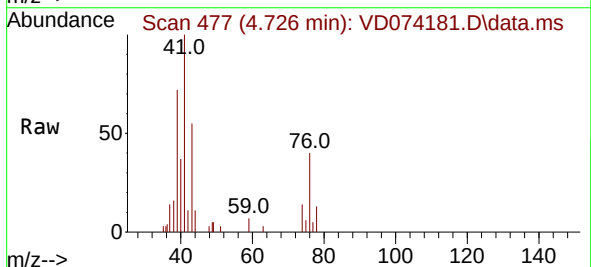
Manual Integrations
APPROVED

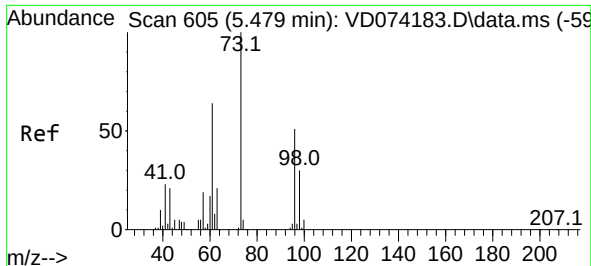
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#18
Methyl Acetate
Concen: 11.218 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

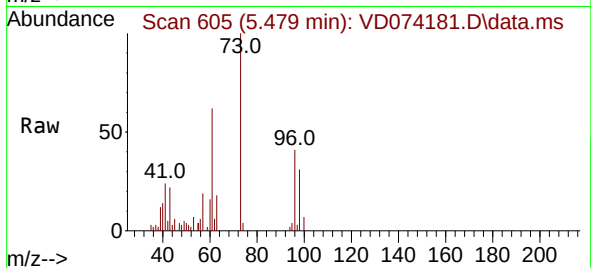
Tgt Ion: 43 Resp: 9314
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 10.972 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

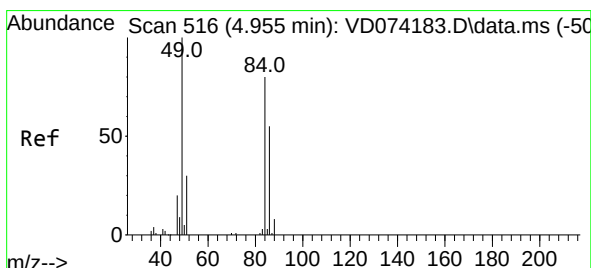
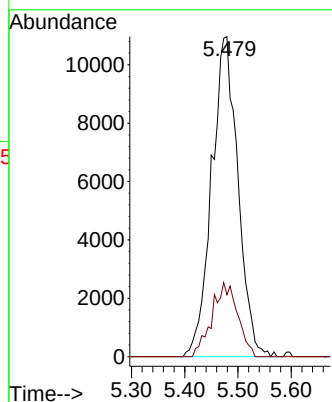
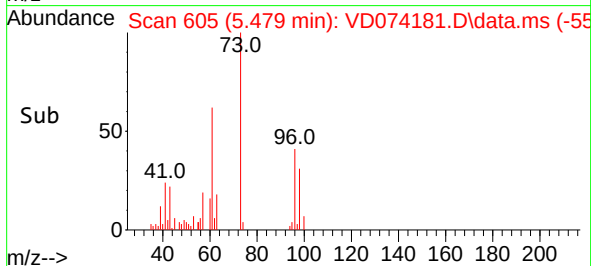
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 3764
Ion Ratio Lower Upper
73 100
57 19.4 18.0 27.0

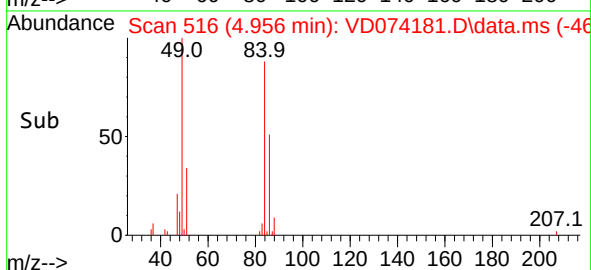
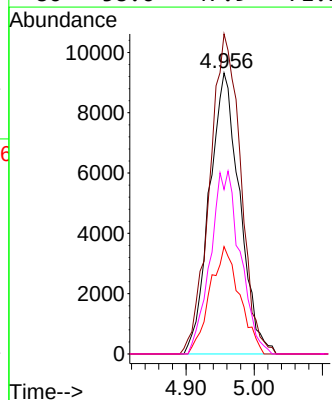
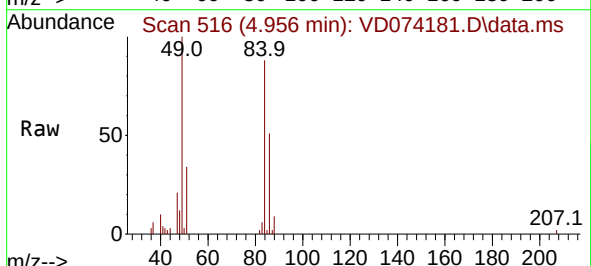
Manual Integrations
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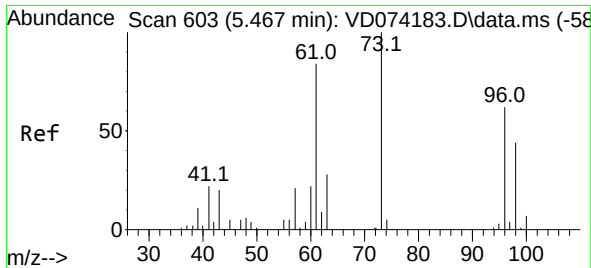
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#20
Methylene Chloride
Concen: 11.636 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 84 Resp: 28803
Ion Ratio Lower Upper
84 100
49 113.9 112.8 169.2
51 38.2 32.6 48.8
86 58.6 47.9 71.9





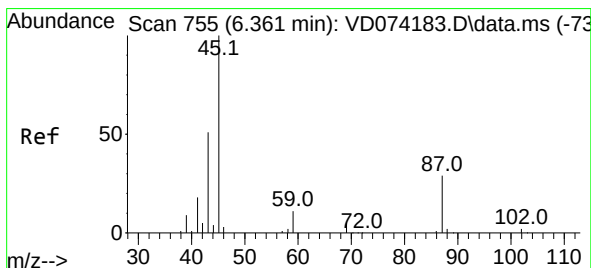
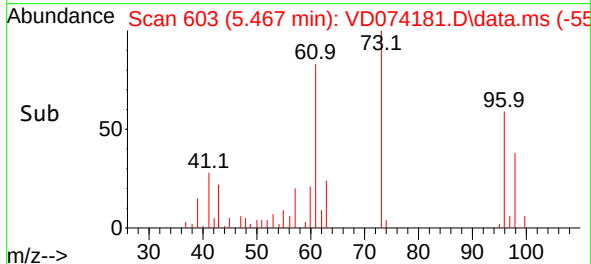
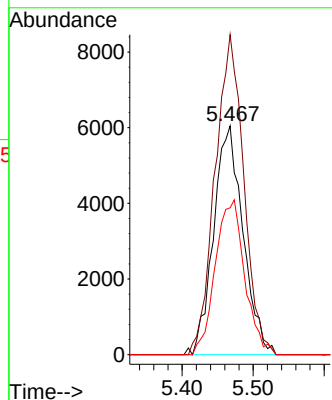
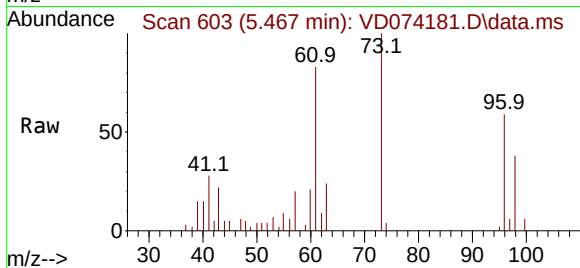
#21
trans-1,2-Dichloroethene
Concen: 10.003 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 17358
Ion Ratio Lower Upper
96 100
61 139.9 117.9 176.9
98 64.2 49.4 74.2

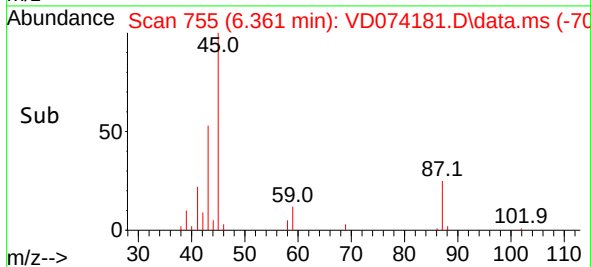
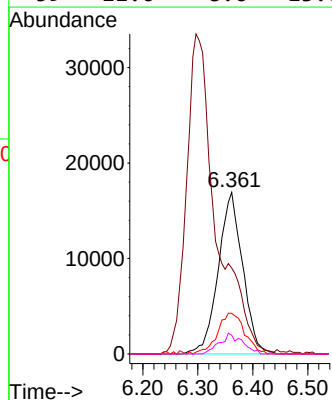
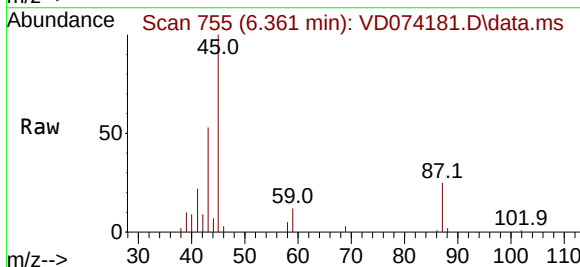
Manual Integrations
APPROVED

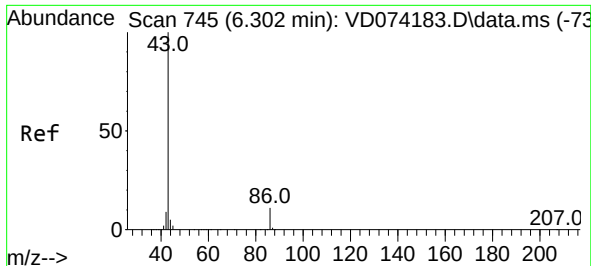
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#22
Diisopropyl ether
Concen: 11.997 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

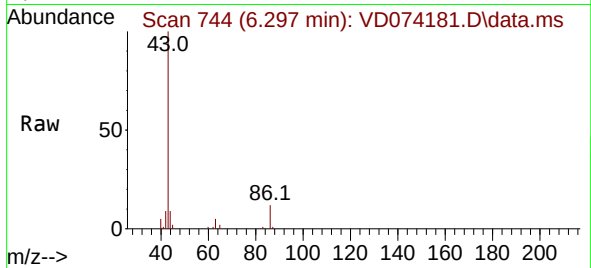
Tgt Ion: 45 Resp: 52219
Ion Ratio Lower Upper
45 100
43 51.9 46.6 70.0
87 25.1 18.4 27.6
59 11.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 55.886 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD074181.D
 Acq: 23 Aug 2022 10:43

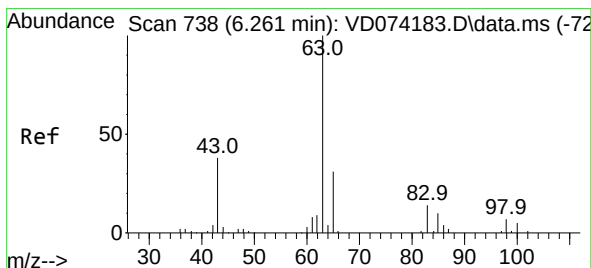
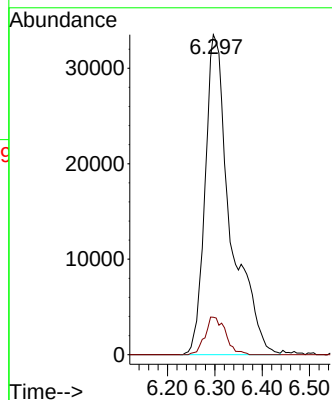
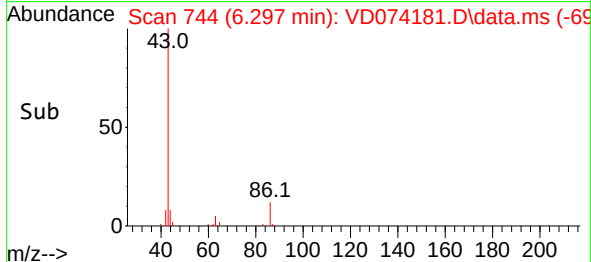
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



Tgt Ion: 43 Resp: 12516
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

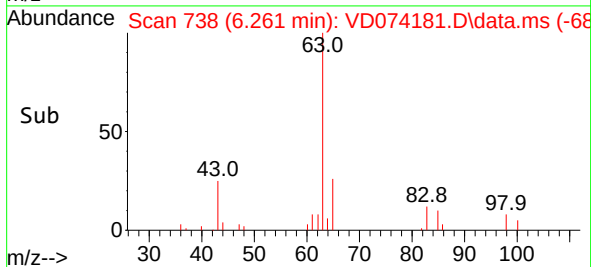
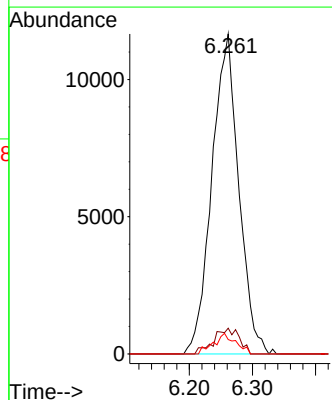
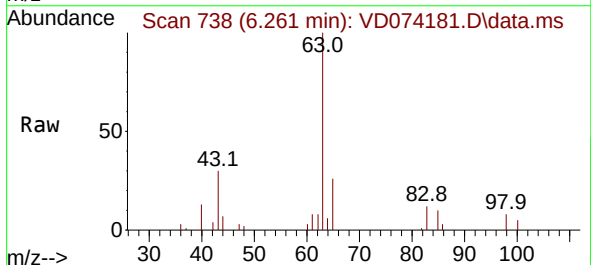
Manual Integrations
 APPROVED

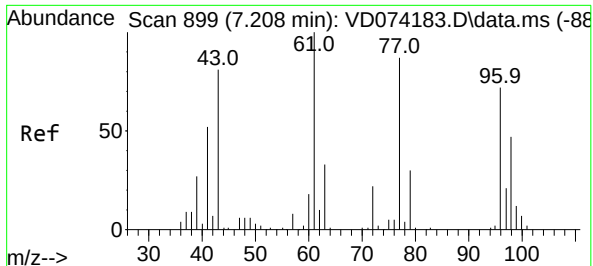
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022



#24
 1,1-Dichloroethane
 Concen: 11.531 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD074181.D
 Acq: 23 Aug 2022 10:43

Tgt Ion: 63 Resp: 34508
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 56.892 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 24894

Ion Ratio Lower Upper

43 100

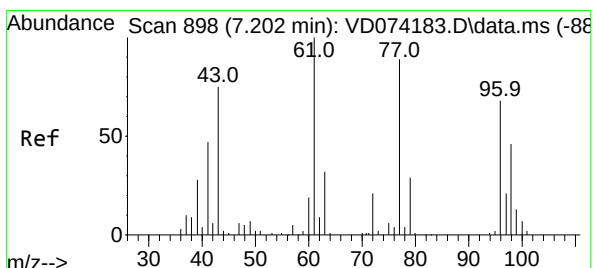
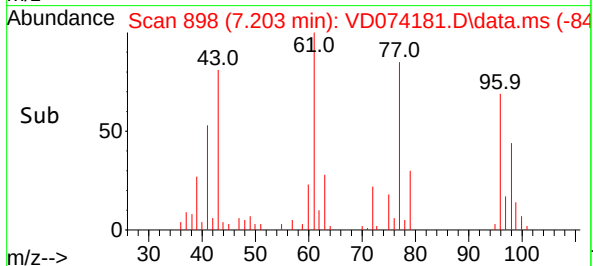
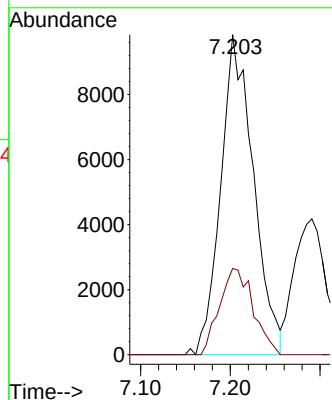
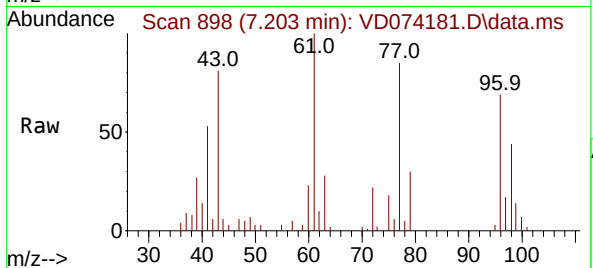
72 26.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#26

2,2-Dichloropropane

Concen: 10.001 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD074181.D

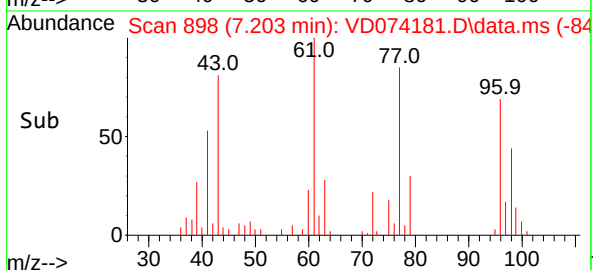
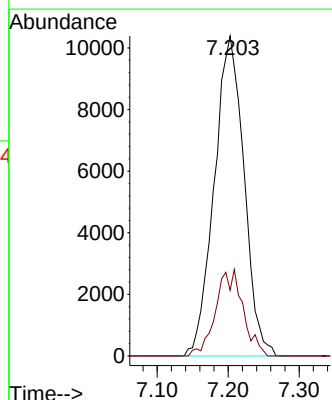
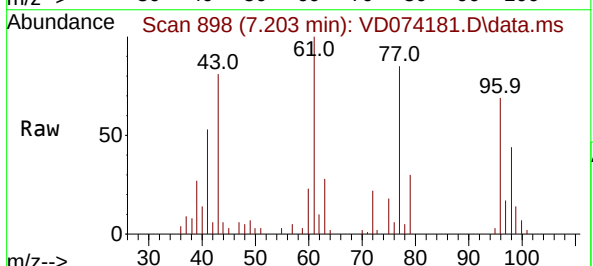
Acq: 23 Aug 2022 10:43

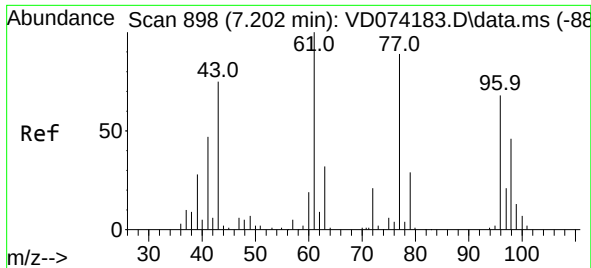
Tgt Ion: 77 Resp: 30216

Ion Ratio Lower Upper

77 100

97 24.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 10.181 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 2048

Ion Ratio Lower Upper

96 100

61 146.2 0.0 313.8

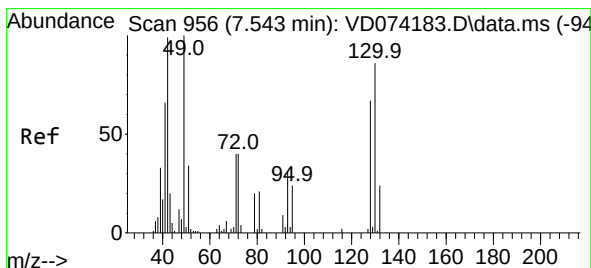
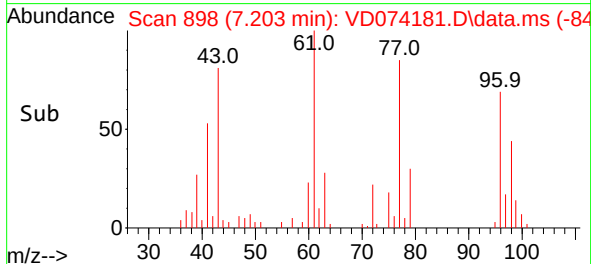
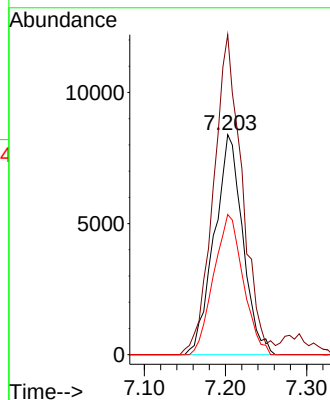
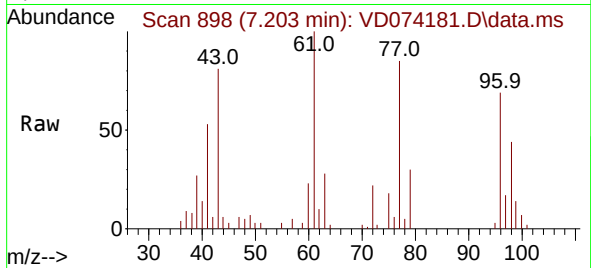
98 65.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#28

Bromochloromethane

Concen: 9.730 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

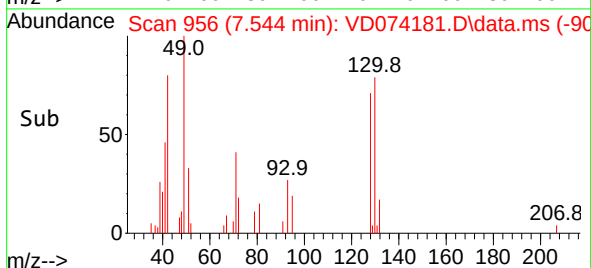
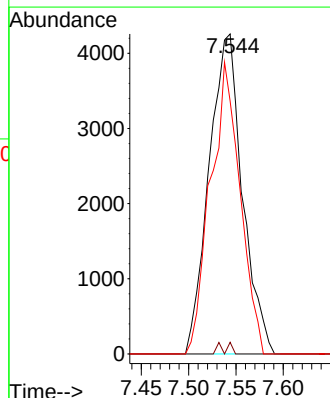
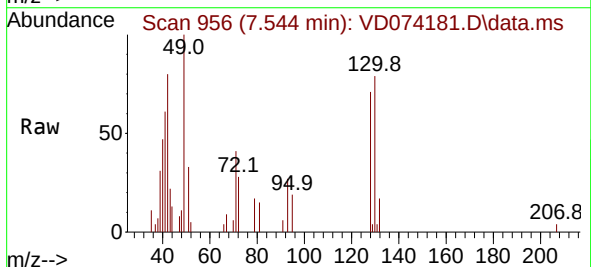
Tgt Ion: 49 Resp: 10413

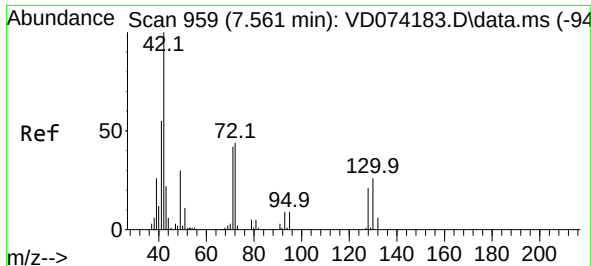
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 81.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 59.251 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

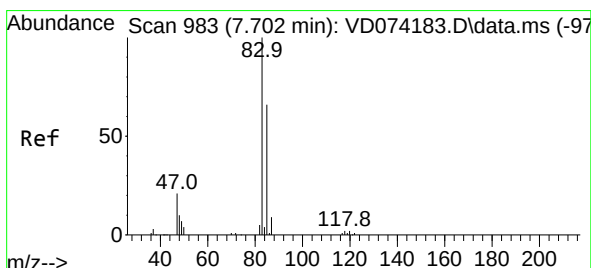
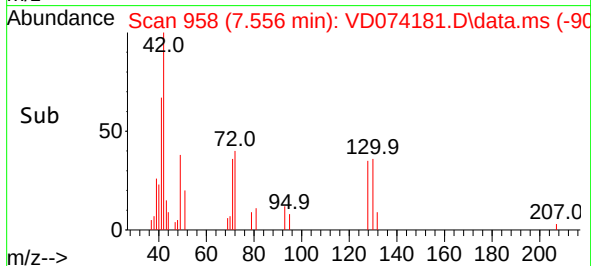
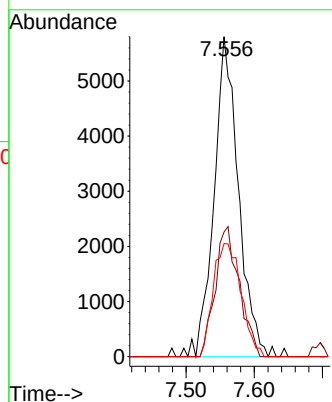
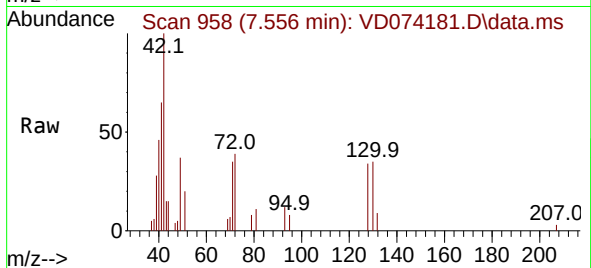
Tgt Ion:	42	Resp:	1445
Ion Ratio	Lower	Upper	
42	100		
72	40.0	30.7	46.1
71	40.3	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#30

Chloroform

Concen: 10.808 ug/l

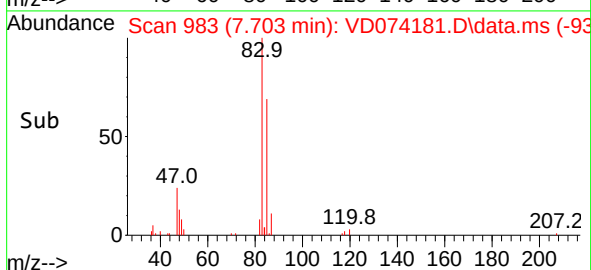
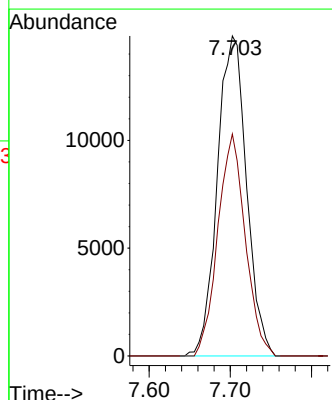
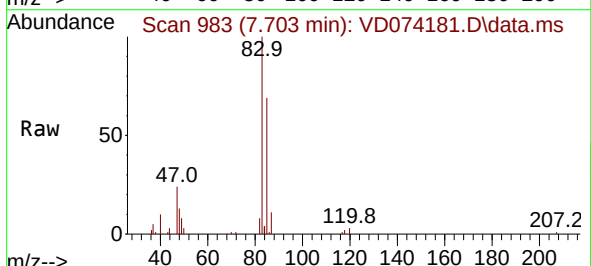
RT: 7.703 min Scan# 983

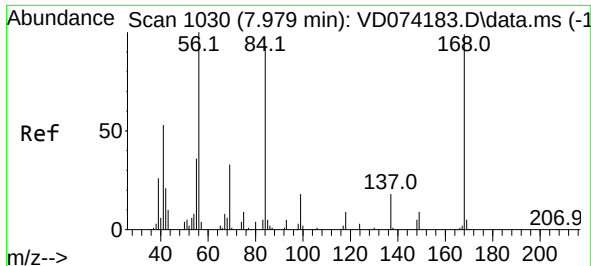
Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

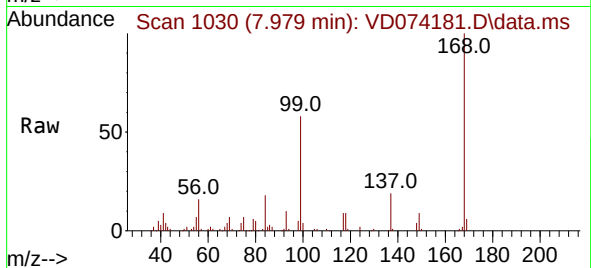
Tgt Ion:	83	Resp:	37068
Ion Ratio	Lower	Upper	
83	100		
85	69.4	52.7	79.1





#31
Cyclohexane
Concen: 10.801 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

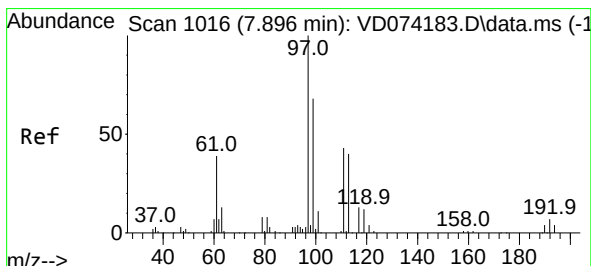
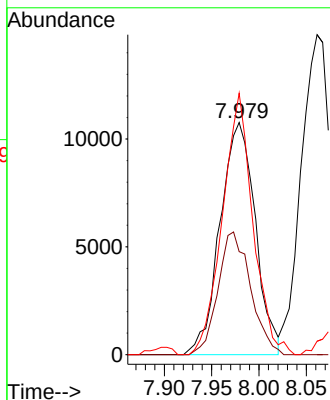
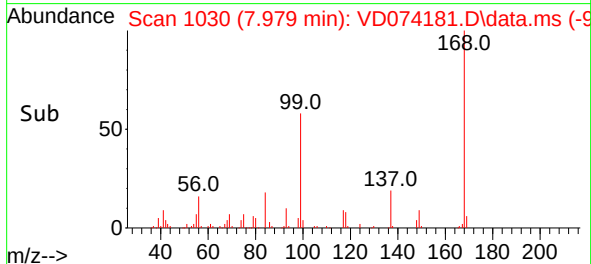
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 2783
Ion Ratio Lower Upper
56 100
69 44.4 25.4 38.2
84 112.6 63.0 94.4

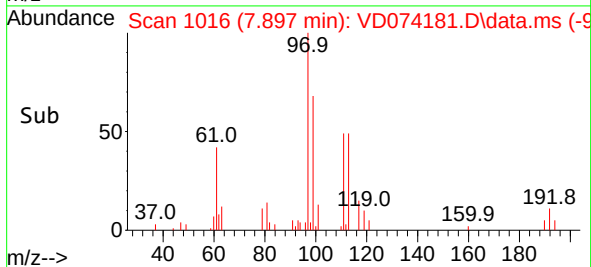
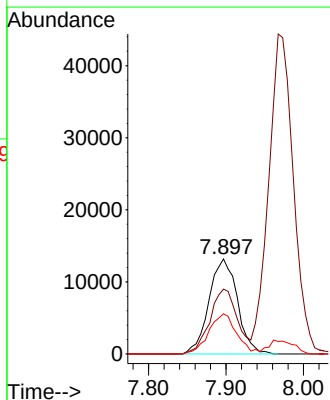
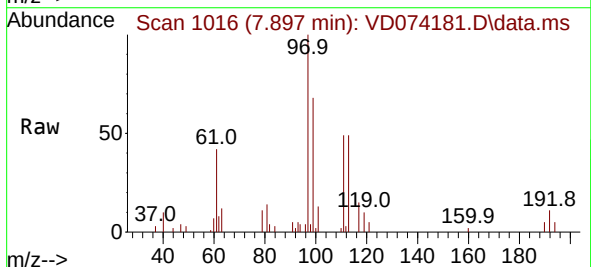
Manual Integrations
APPROVED

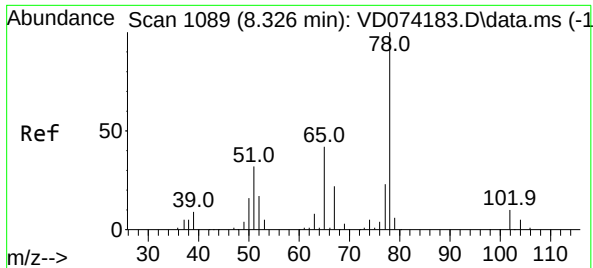
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#32
1,1,1-Trichloroethane
Concen: 10.452 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion: 97 Resp: 33540
Ion Ratio Lower Upper
97 100
99 66.7 52.4 78.6
61 41.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 11.960 ug/l

RT: 8.326 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1853

Ion Ratio Lower Upper

65 100

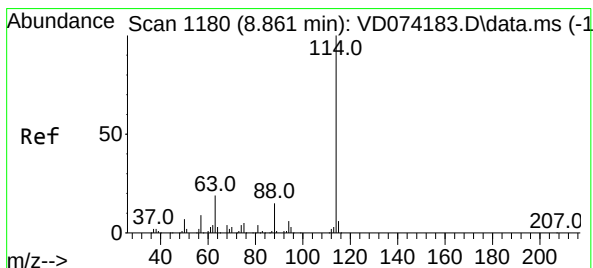
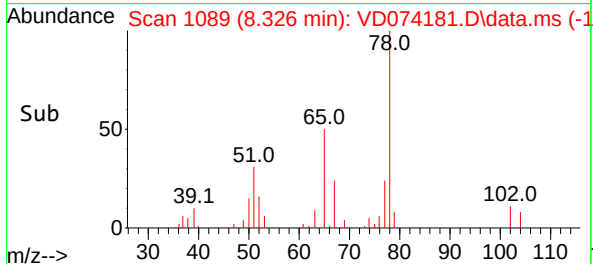
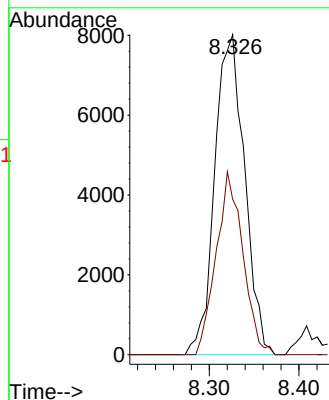
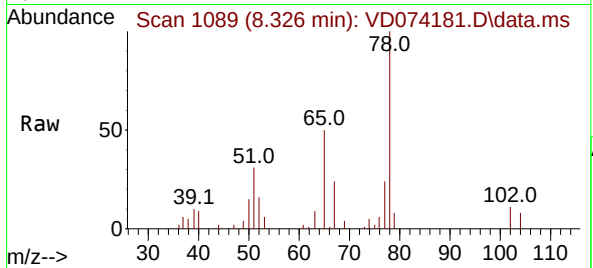
67 51.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

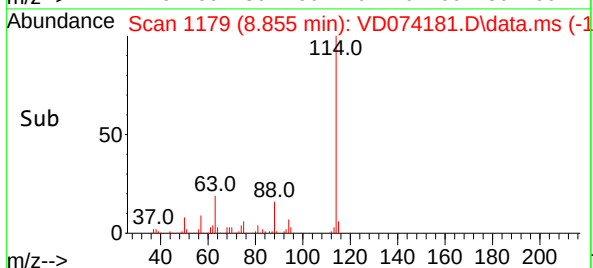
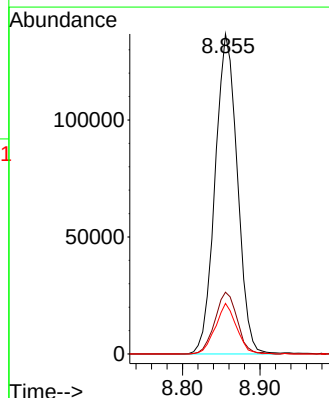
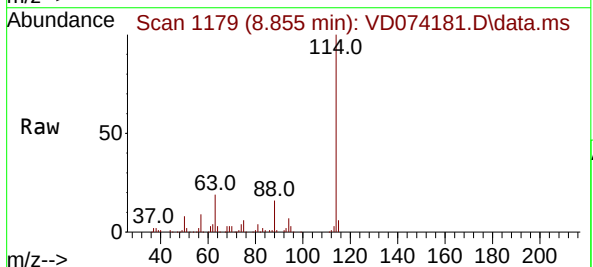
Tgt Ion:114 Resp: 272769

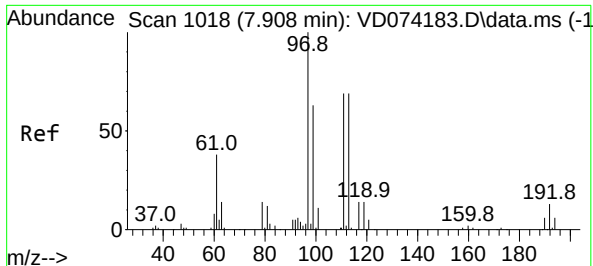
Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 11.081 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

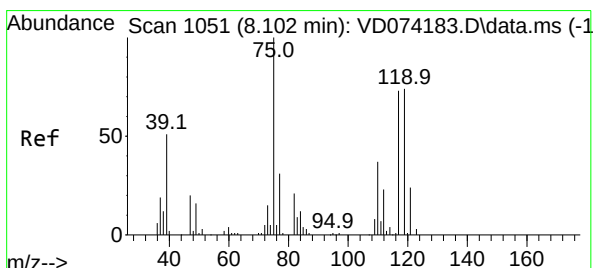
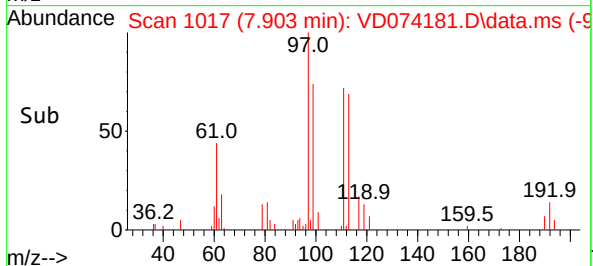
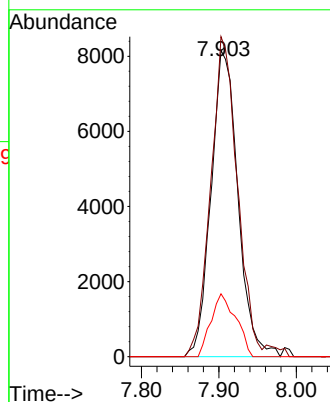
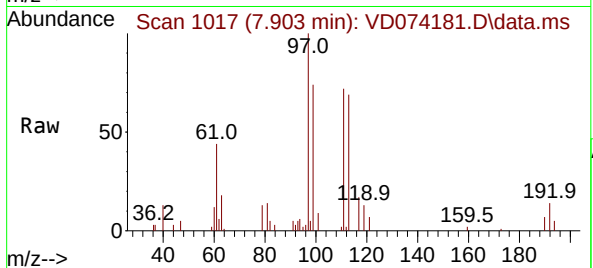
Tgt Ion:	113	Resp:	1964
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.8	125.6
192	19.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#36

1,1-Dichloropropene

Concen: 9.605 ug/l

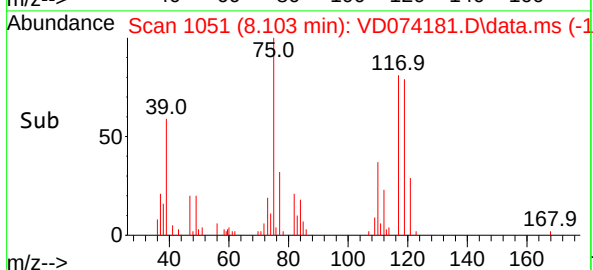
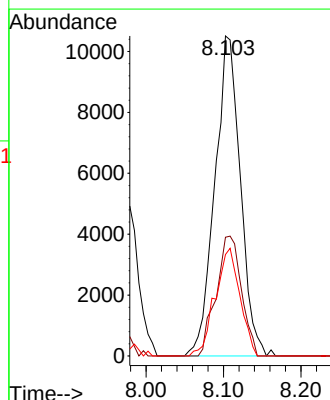
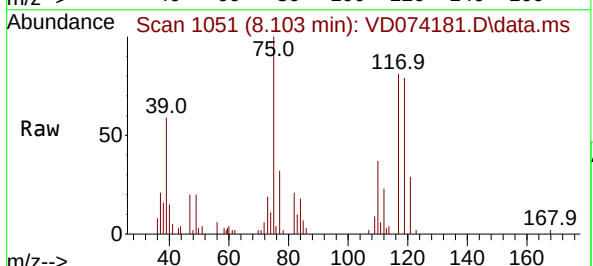
RT: 8.103 min Scan# 1051

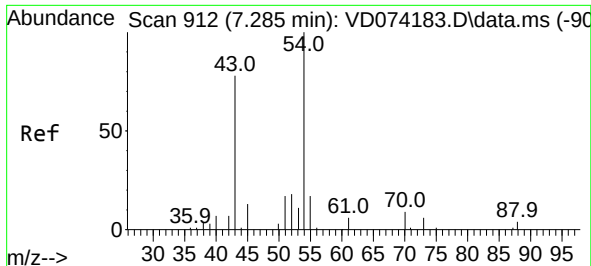
Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Tgt Ion:	75	Resp:	24117
Ion Ratio	Lower	Upper	
75	100		
110	37.1	16.4	49.1
77	32.6	24.2	36.2





#37

Ethyl Acetate

Concen: 9.364 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 9214

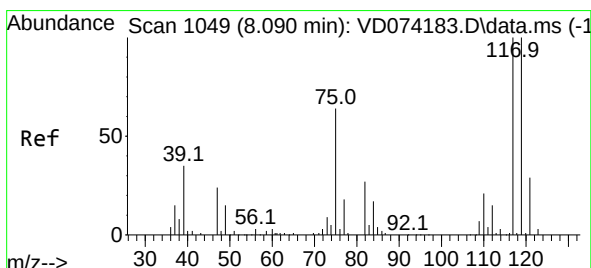
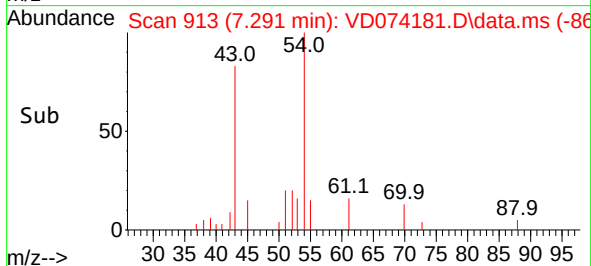
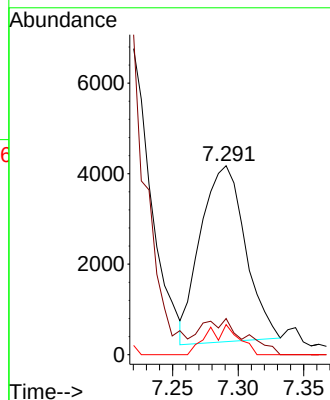
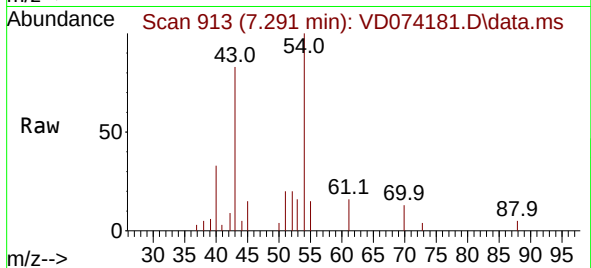
Ion	Ratio	Lower	Upper
43	100		
61	20.1	9.8	14.8
70	5.6	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#38

Carbon Tetrachloride

Concen: 9.737 ug/l

RT: 8.085 min Scan# 1048

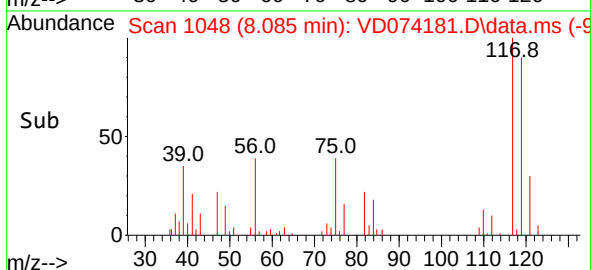
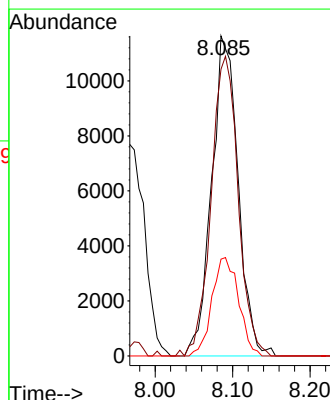
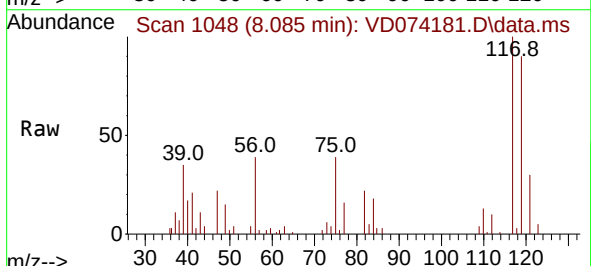
Delta R.T. -0.006 min

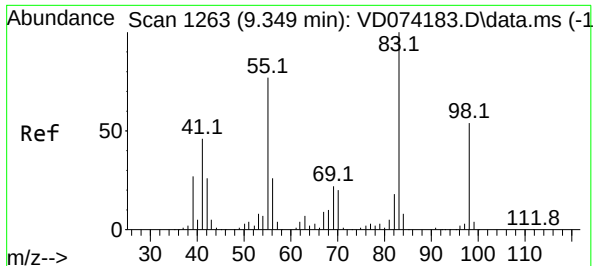
Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Tgt Ion:117 Resp: 27631

Ion	Ratio	Lower	Upper
117	100		
119	89.6	75.8	113.6
121	30.2	24.5	36.7





#39

Methylcyclohexane

Concen: 8.997 ug/l

RT: 9.344 min Scan# 1262

Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 2524

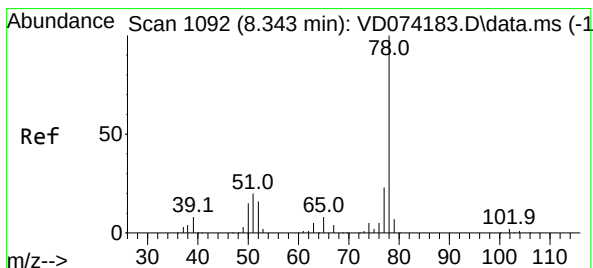
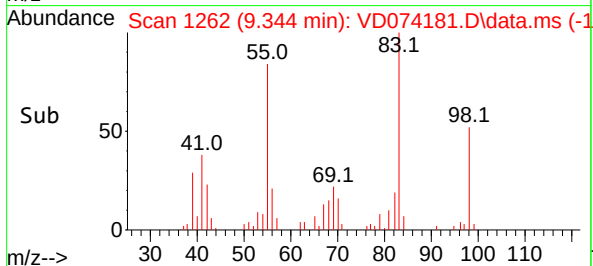
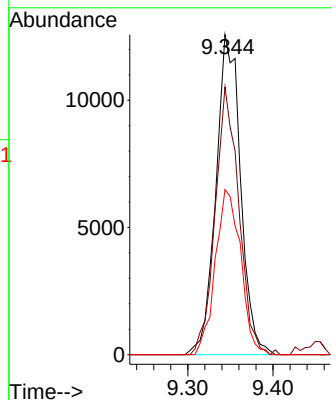
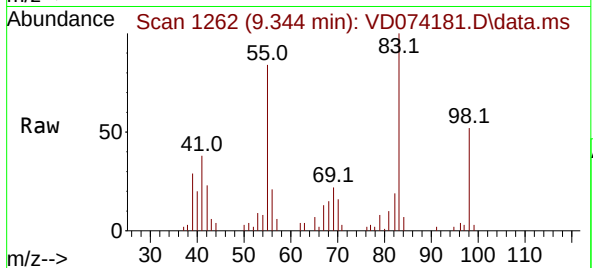
Ion	Ratio	Lower	Upper
83	100		
55	83.6	63.2	94.8
98	51.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#40

Benzene

Concen: 10.547 ug/l

RT: 8.350 min Scan# 1093

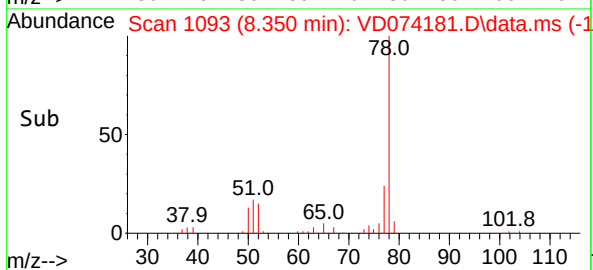
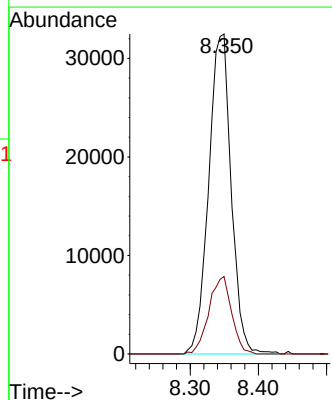
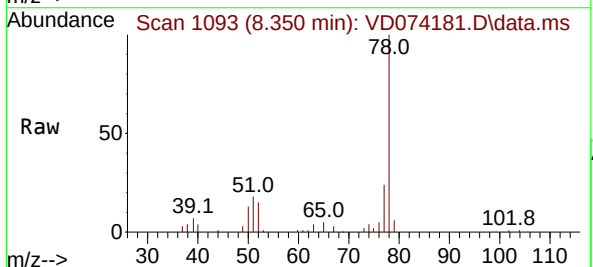
Delta R.T. 0.006 min

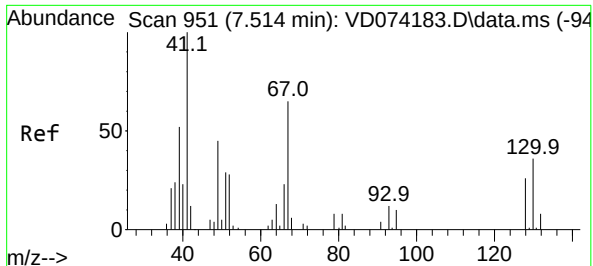
Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Tgt Ion: 78 Resp: 74584

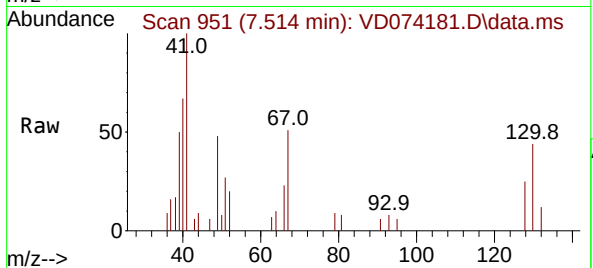
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





#41
Methacrylonitrile
Concen: 12.528 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

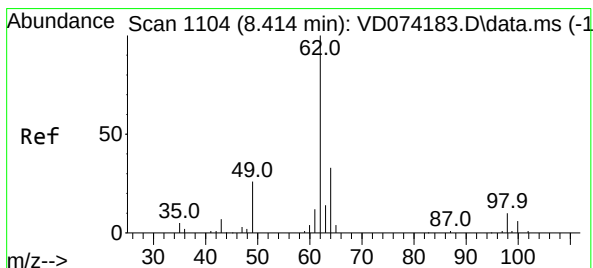
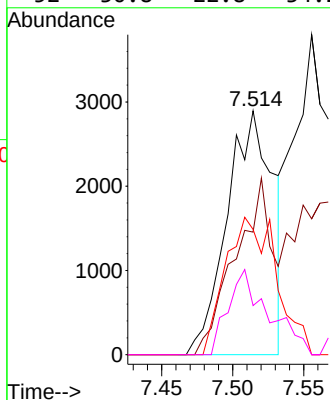
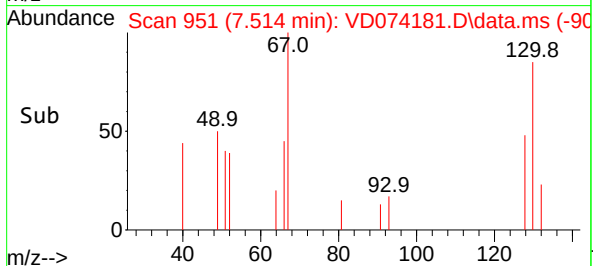
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



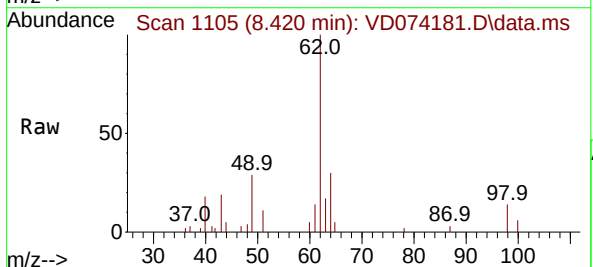
Tgt Ion: 41 Resp: 649
Ion Ratio Lower Upper
41 100
39 58.8 44.6 67.0
67 62.8 48.2 72.4
52 30.8 22.8 34.2

Manual Integrations
APPROVED

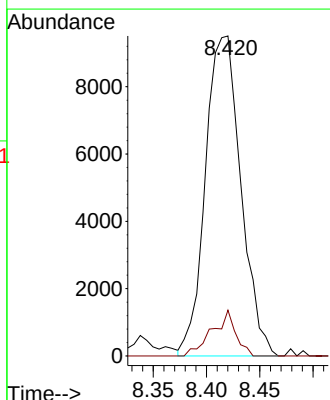
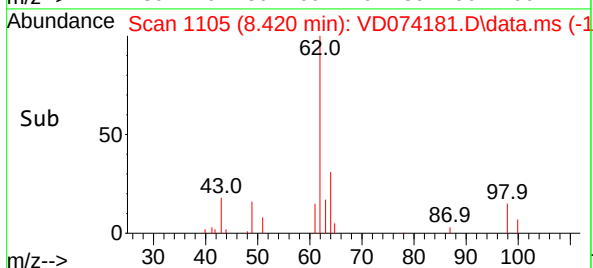
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

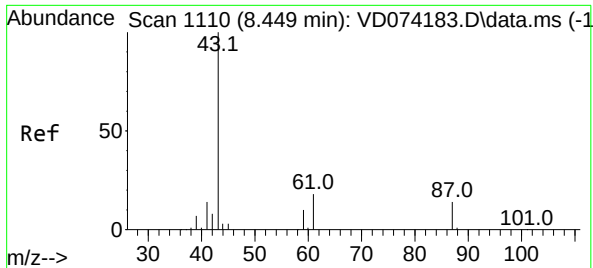


#42
1,2-Dichloroethane
Concen: 10.503 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



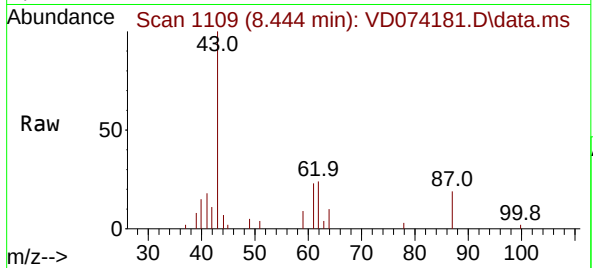
Tgt Ion: 62 Resp: 22051
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 11.643 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

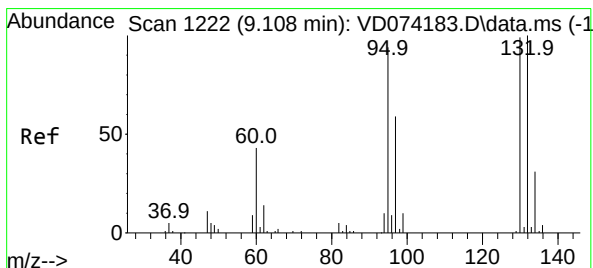
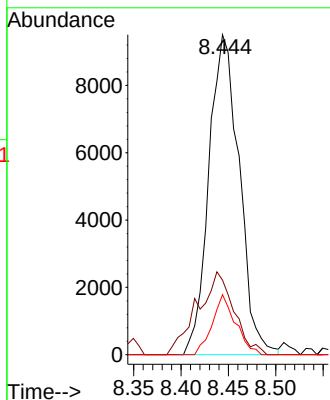
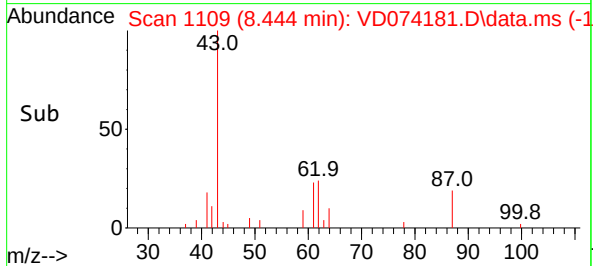
Instrument : MSVOA_D
ClientSampleId : VSTDIC010



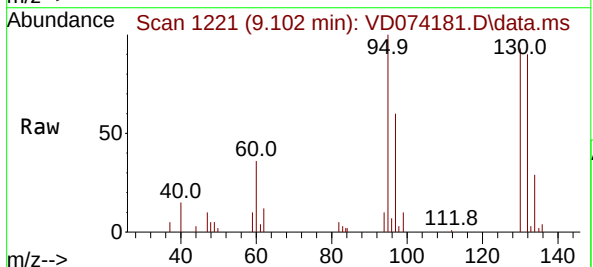
Tgt Ion: 43 Resp: 21220
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 14.4 8.7 13.1

Manual Integrations
APPROVED

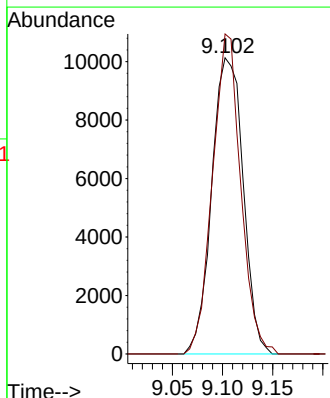
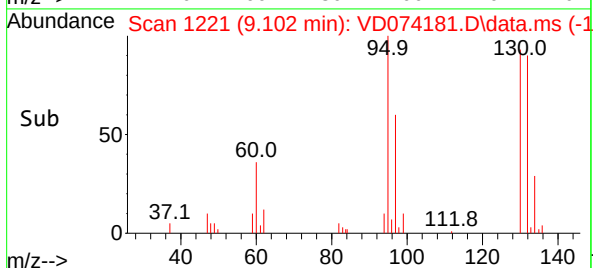
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

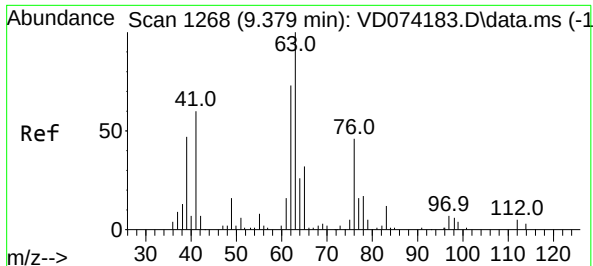


#44
Trichloroethene
Concen: 10.720 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



Tgt Ion:130 Resp: 22054
Ion Ratio Lower Upper
130 100
95 108.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 10.823 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1848

Ion Ratio Lower Upper

63 100

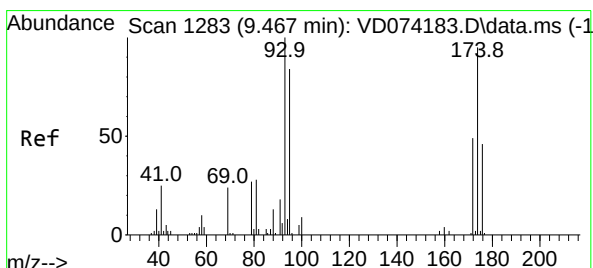
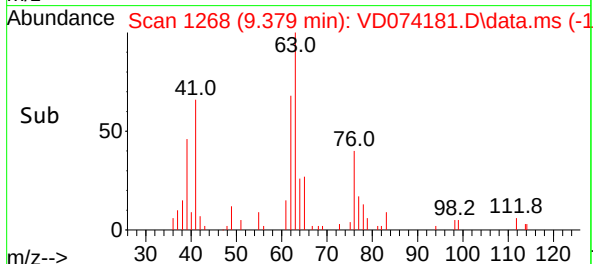
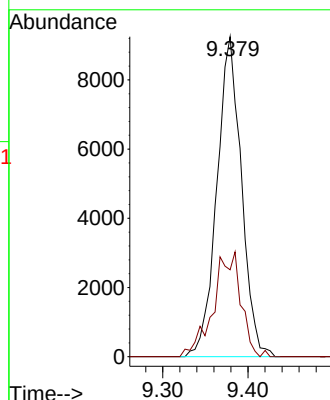
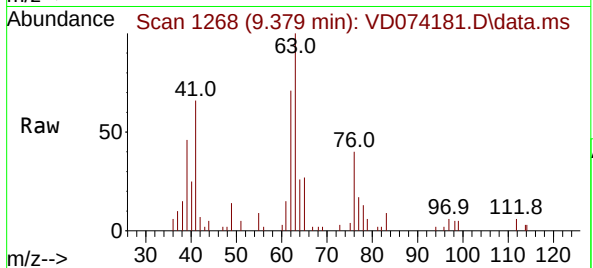
65 27.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#46

Dibromomethane

Concen: 10.180 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

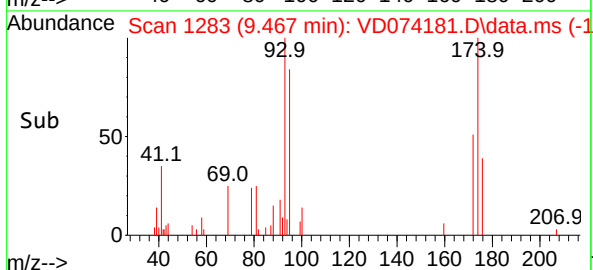
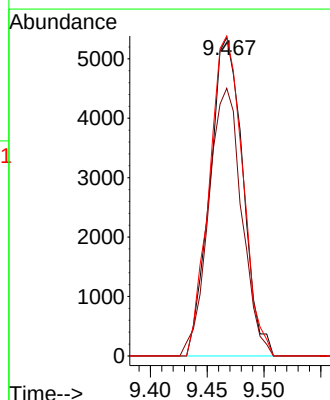
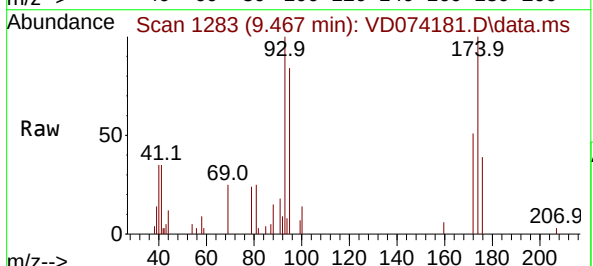
Tgt Ion: 93 Resp: 10782

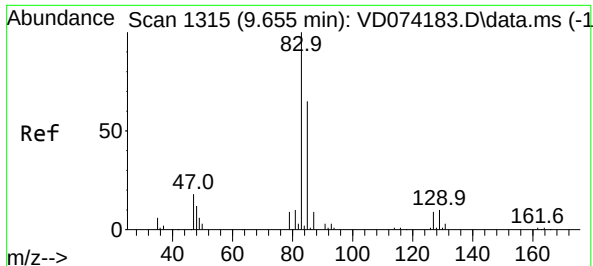
Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

174 101.9 71.6 107.4





#47

Bromodichloromethane

Concen: 10.685 ug/l

RT: 9.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 2907

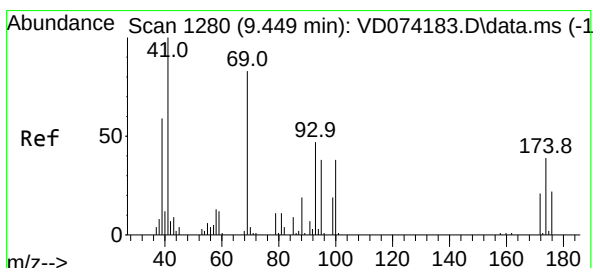
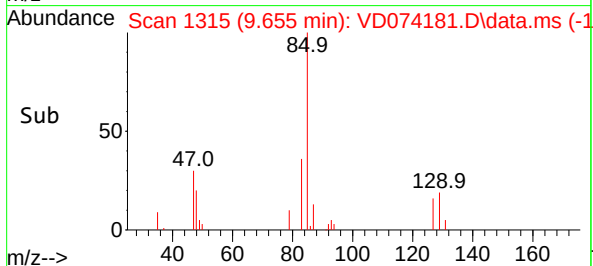
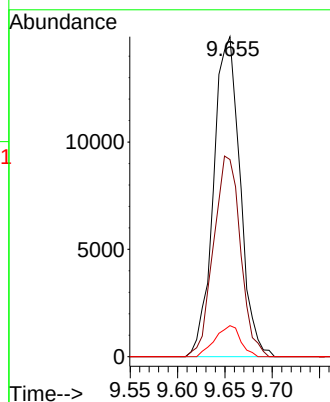
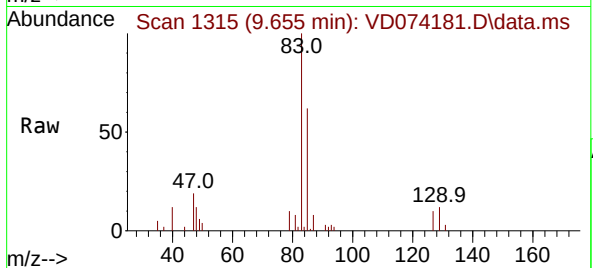
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.4	77.0
127	9.7	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#48

Methyl methacrylate

Concen: 10.419 ug/l

RT: 9.444 min Scan# 1279

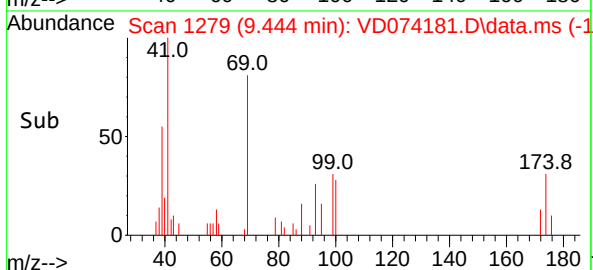
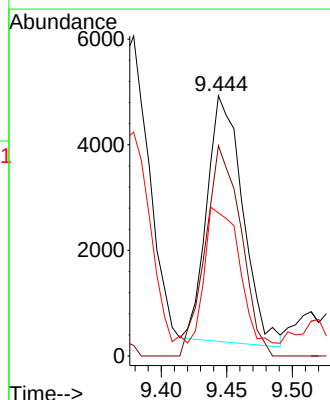
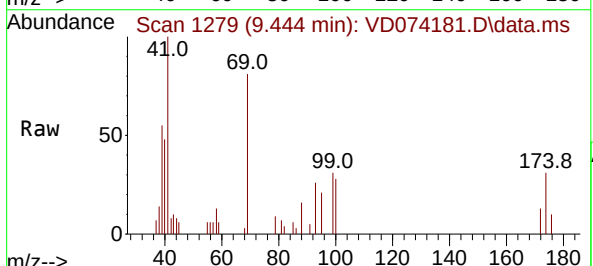
Delta R.T. -0.006 min

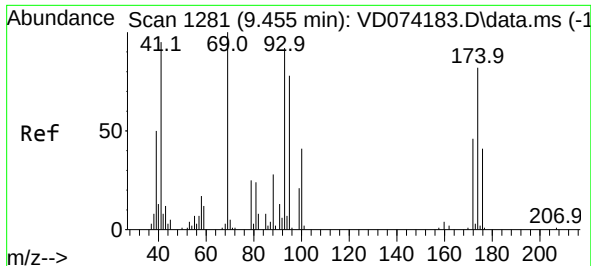
Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Tgt Ion: 41 Resp: 8832

Ion	Ratio	Lower	Upper
41	100		
69	85.0	56.7	85.1
39	63.4	42.7	64.1





#49

1,4-Dioxane

Concen: 230.879 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

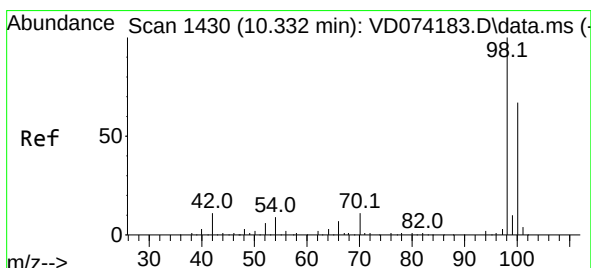
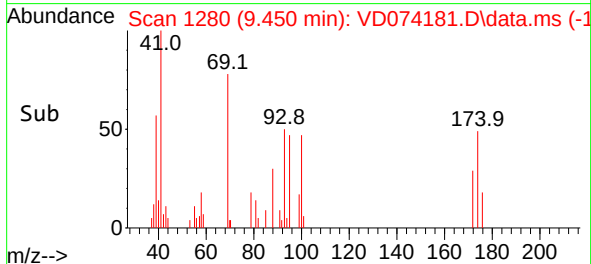
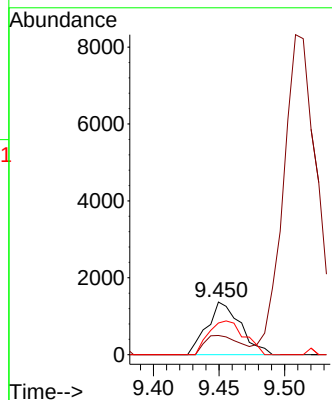
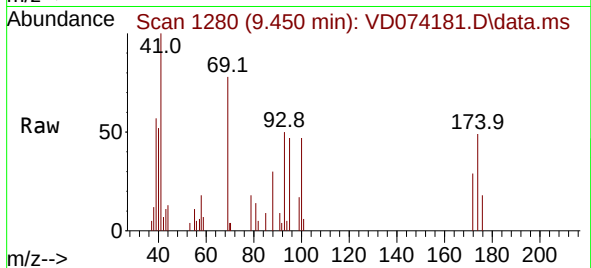
Tgt Ion: 88	Resp: 242
Ion Ratio	Lower Upper
88	100
43	37.8 31.0 46.4
58	68.6 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#50

Toluene-d8

Concen: 11.844 ug/l

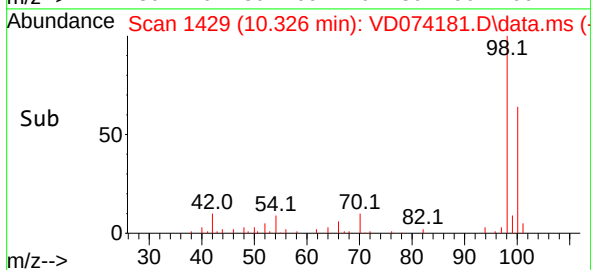
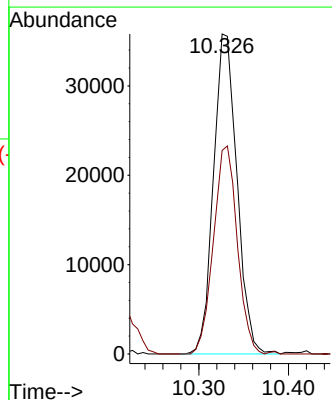
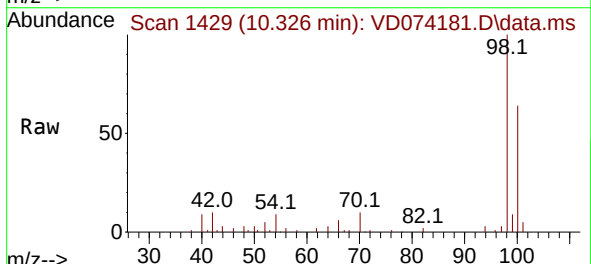
RT: 10.326 min Scan# 1429

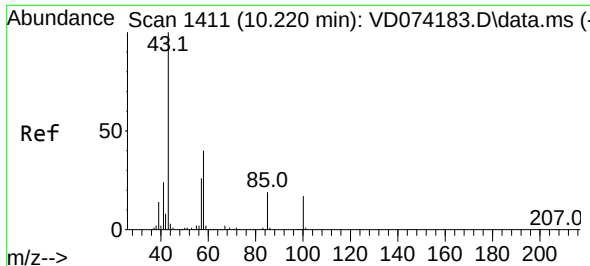
Delta R.T. -0.006 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Tgt Ion: 98	Resp: 65190
Ion Ratio	Lower Upper
98	100
100	65.8 52.4 78.6





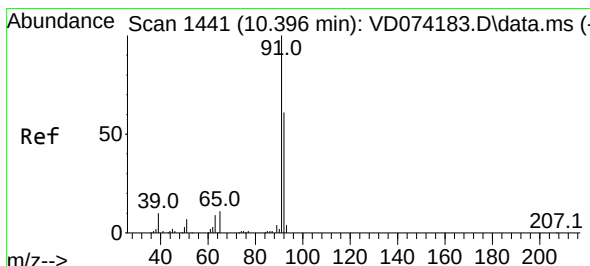
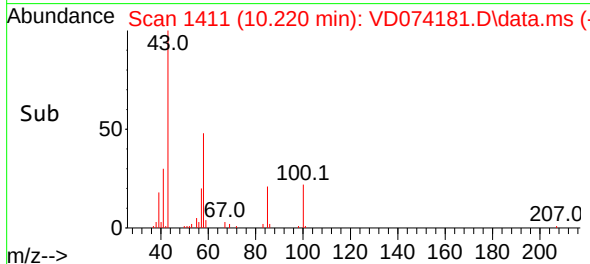
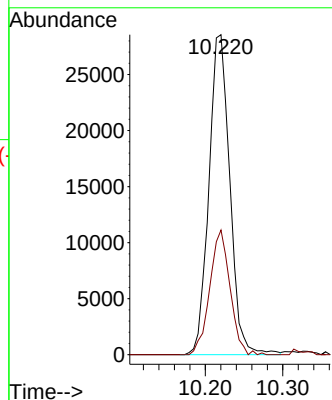
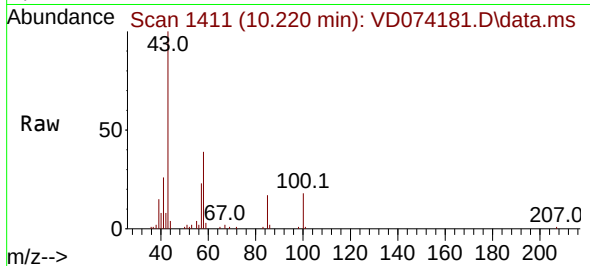
#51
4-Methyl-2-Pentanone
Concen: 57.385 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
58 37.7 28.6 43.0

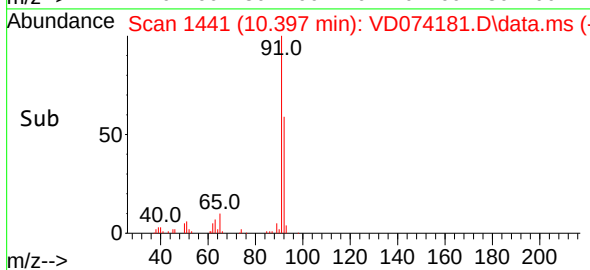
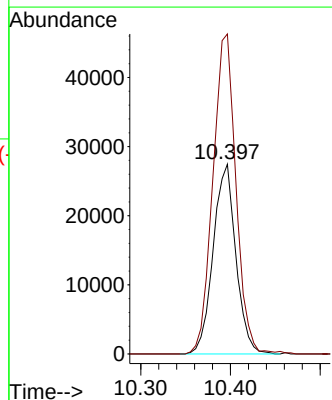
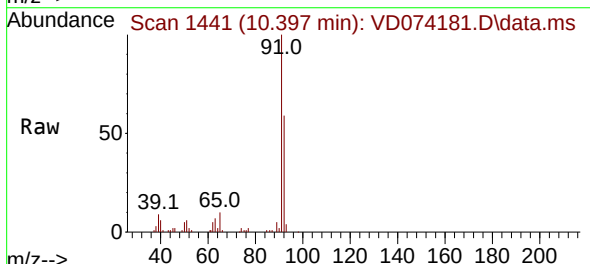
Manual Integrations
APPROVED

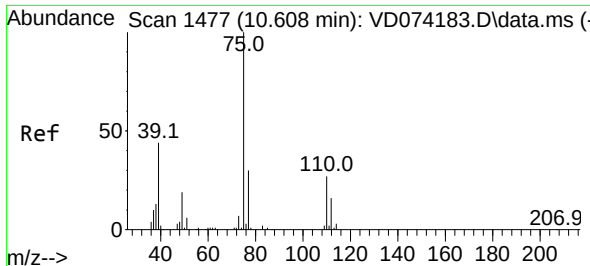
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#52
Toluene
Concen: 10.449 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

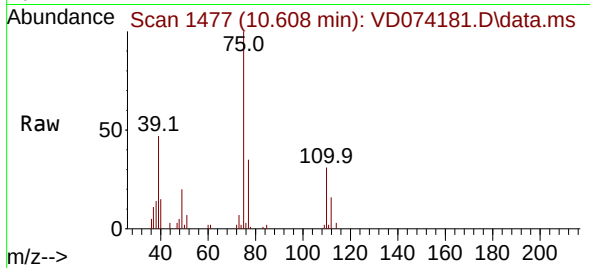
Tgt Ion: 92 Resp: 48160
Ion Ratio Lower Upper
92 100
91 171.6 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 10.392 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

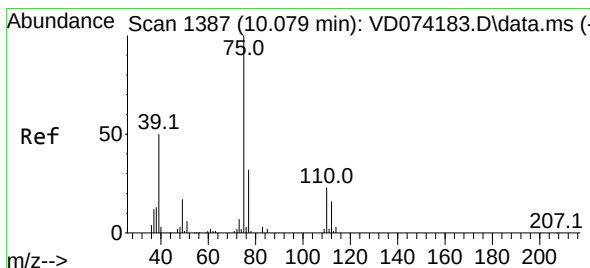
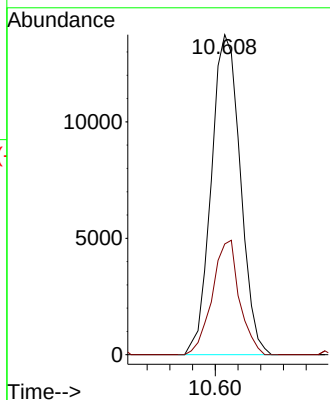
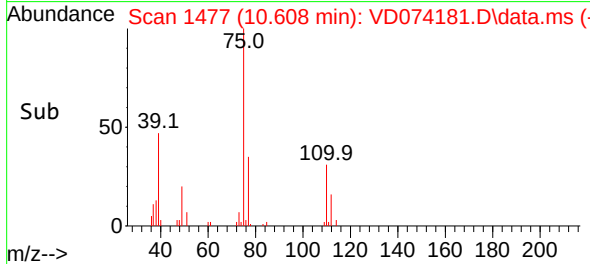
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



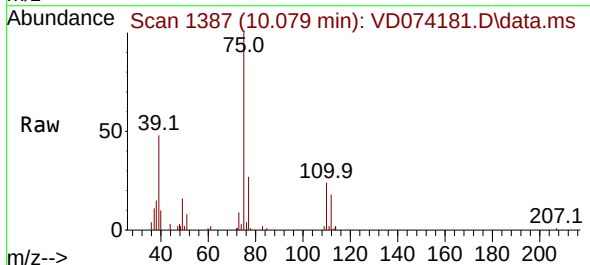
Tgt Ion: 75 Resp: 24370
Ion Ratio Lower Upper
75 100
77 34.6 24.5 36.7

Manual Integrations
APPROVED

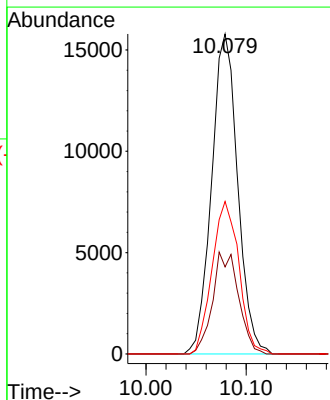
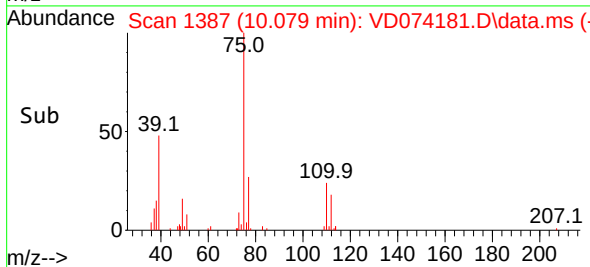
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

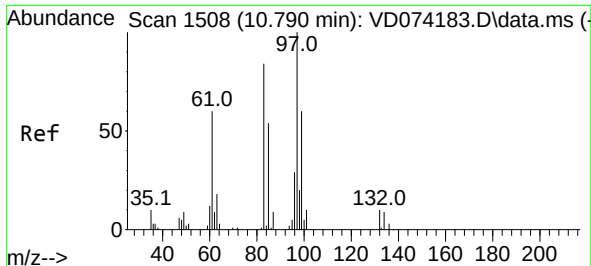


#54
cis-1,3-Dichloropropene
Concen: 10.430 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



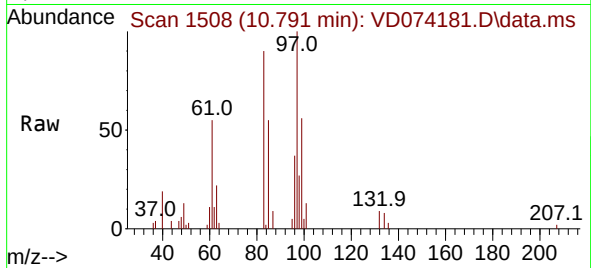
Tgt Ion: 75 Resp: 28545
Ion Ratio Lower Upper
75 100
77 27.2 24.8 37.2
39 47.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 11.008 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

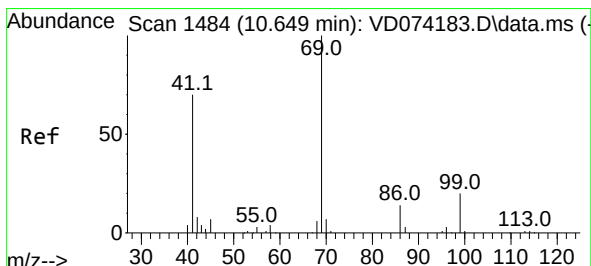
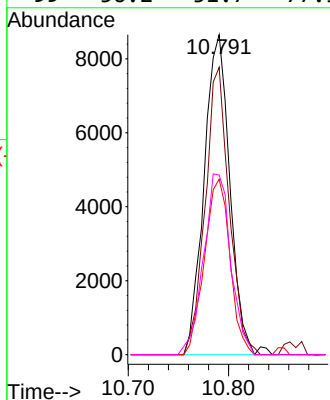
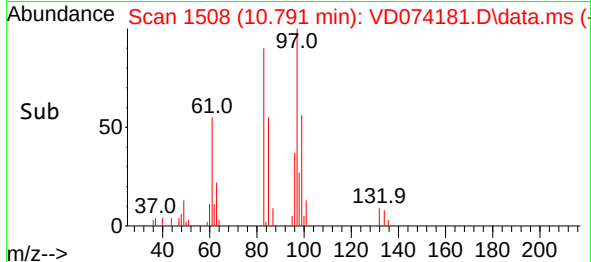
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.0	103.4
85	54.8	42.6	63.8
99	56.2	51.7	77.5

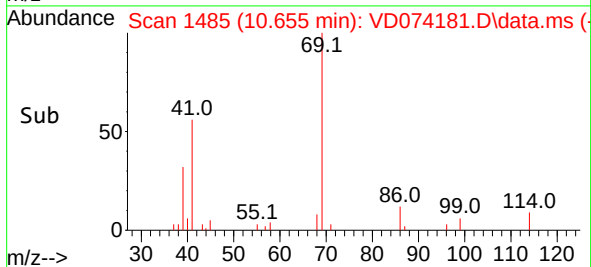
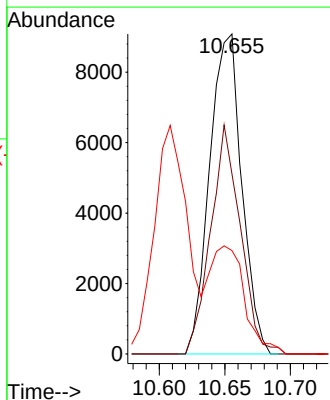
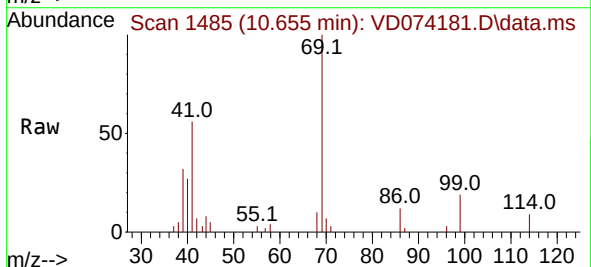
Manual Integrations
APPROVED

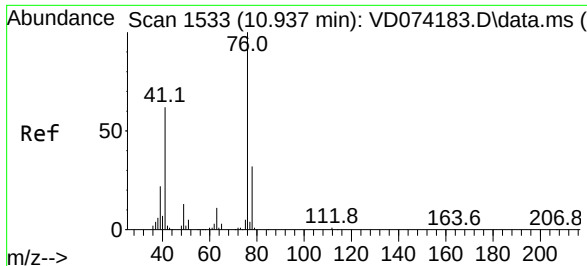
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#56
Ethyl methacrylate
Concen: 10.500 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

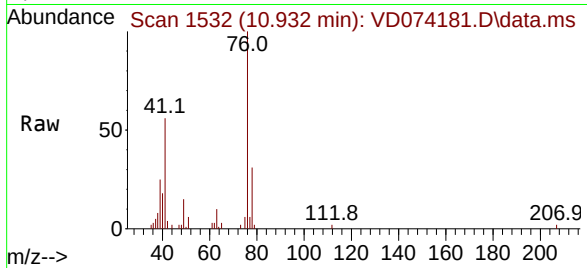
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.2	63.0	94.6
39	36.8	33.8	50.8





#57
1,3-Dichloropropane
Concen: 10.558 ug/l
RT: 10.932 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

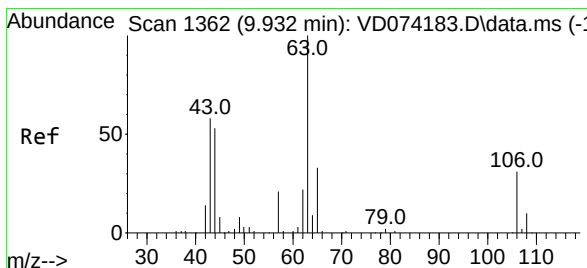
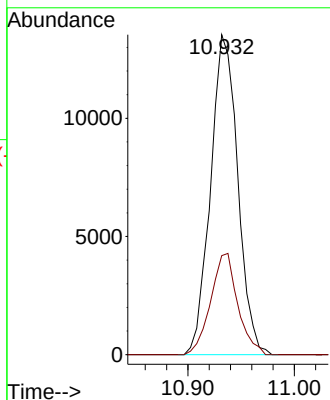
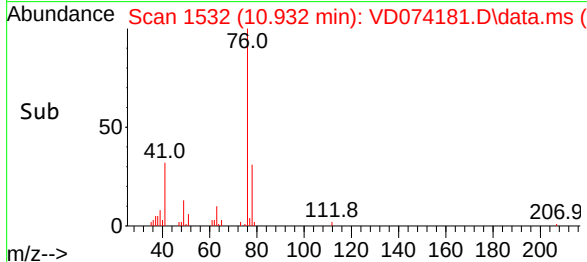
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 2399
Ion Ratio Lower Upper
76 100
78 31.5 26.0 39.0

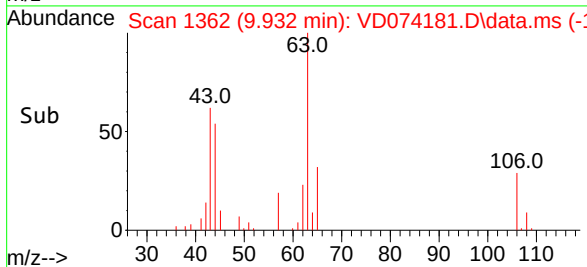
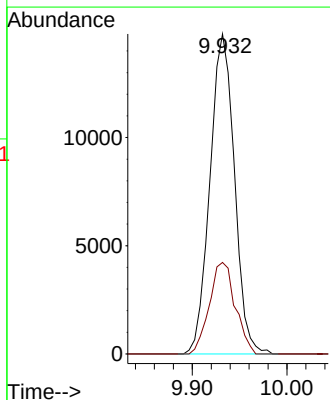
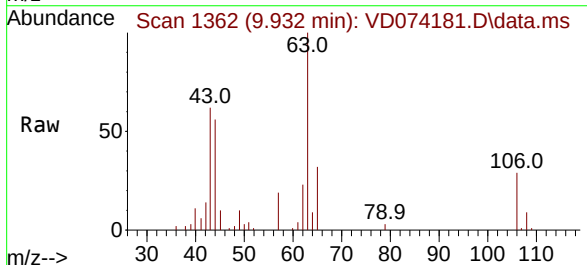
Manual Integrations
APPROVED

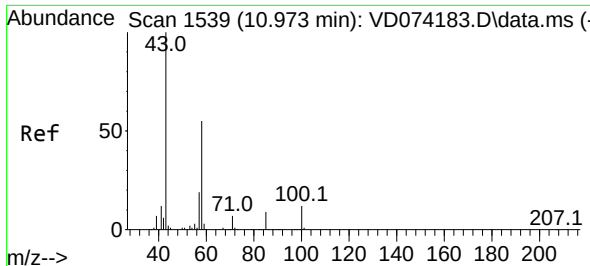
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#58
2-Chloroethyl Vinyl ether
Concen: 50.628 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

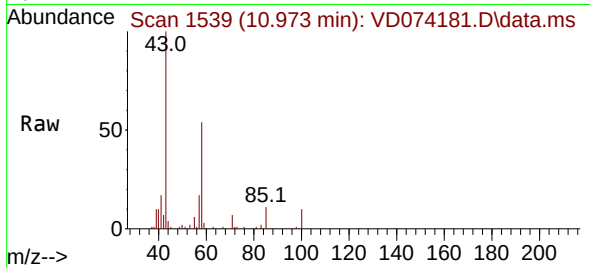
Tgt Ion: 63 Resp: 26567
Ion Ratio Lower Upper
63 100
106 30.2 21.4 32.0





#59
2-Hexanone
Concen: 55.041 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

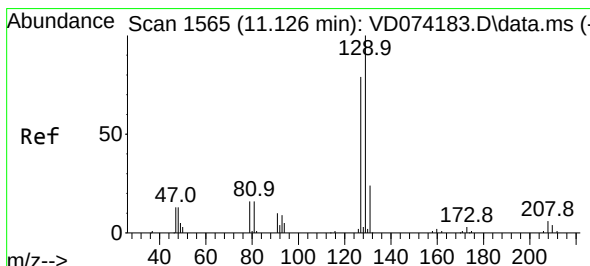
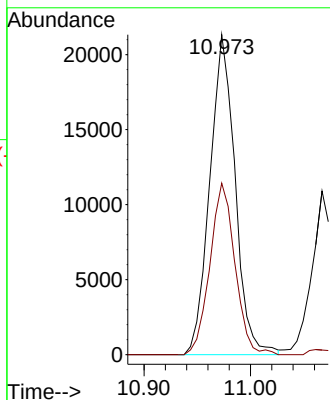
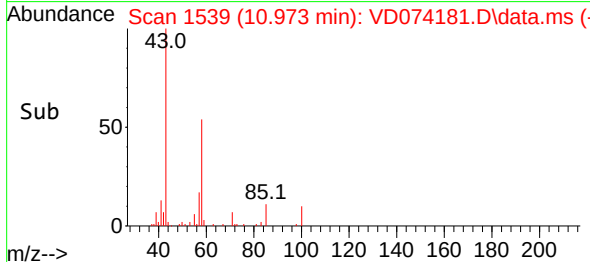
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 53.1 25.3 75.9

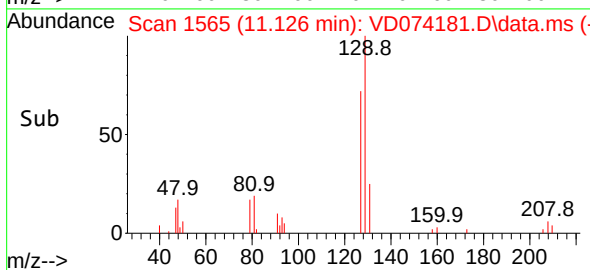
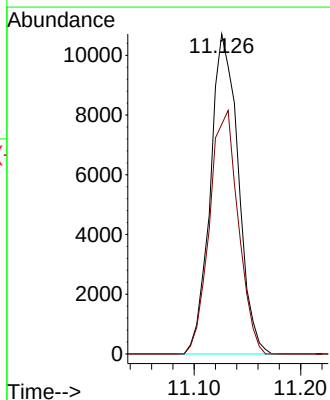
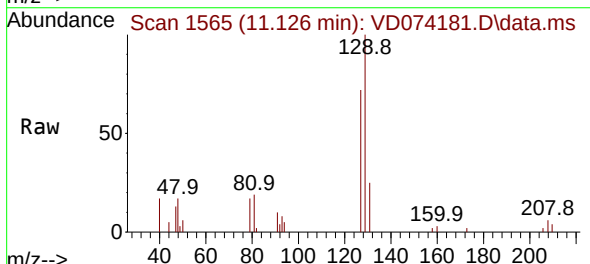
Manual Integrations
APPROVED

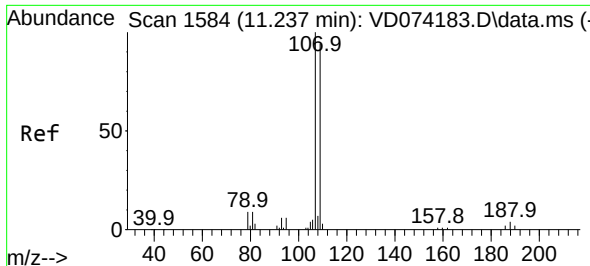
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#60
Dibromochloromethane
Concen: 10.266 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

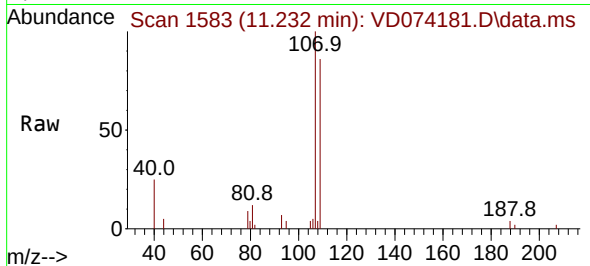
Tgt Ion:129 Resp: 19467
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 10.772 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

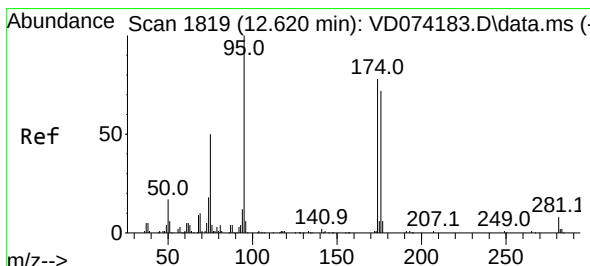
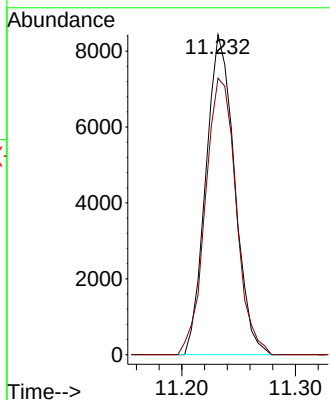
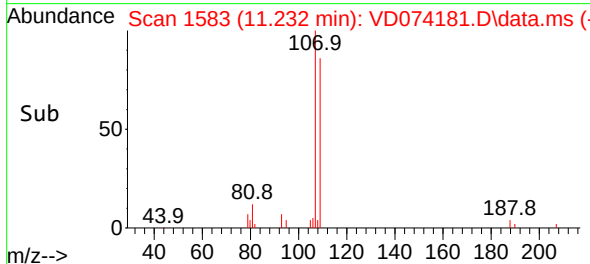
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 14818
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.4

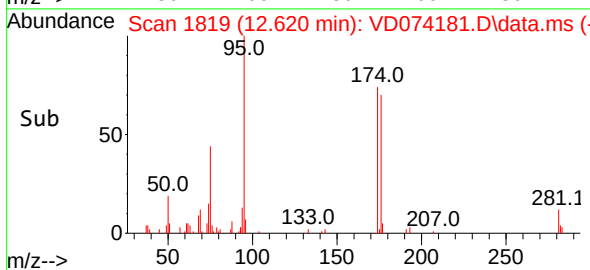
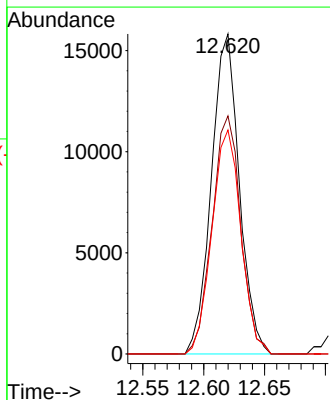
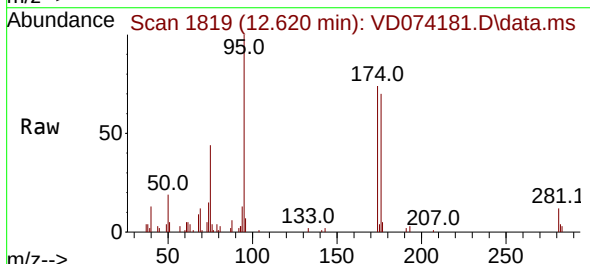
Manual Integrations
APPROVED

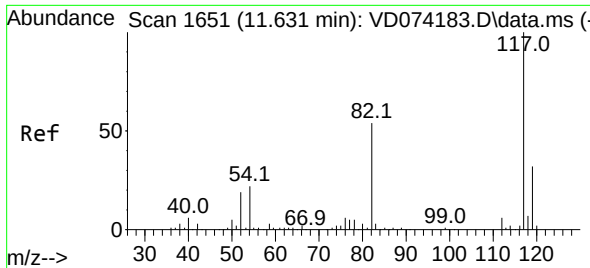
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#62
4-Bromofluorobenzene
Concen: 11.353 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

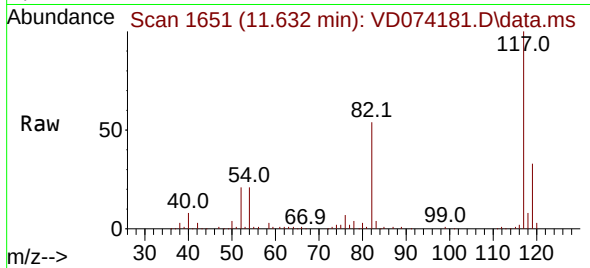
Tgt Ion: 95 Resp: 25238
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

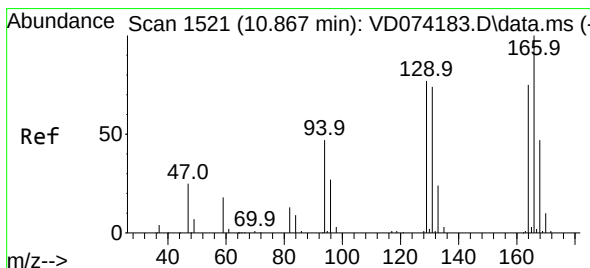
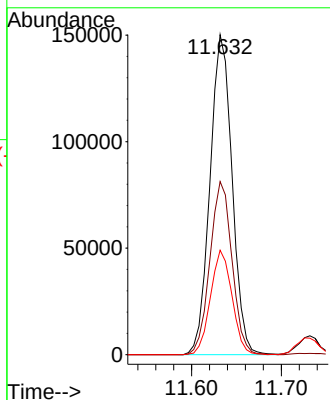
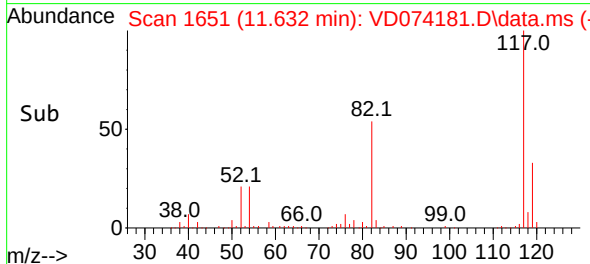
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 25721
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.7 26.6 40.0

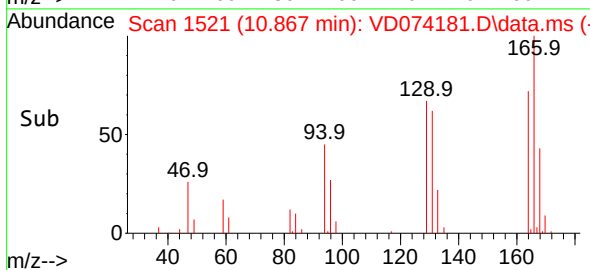
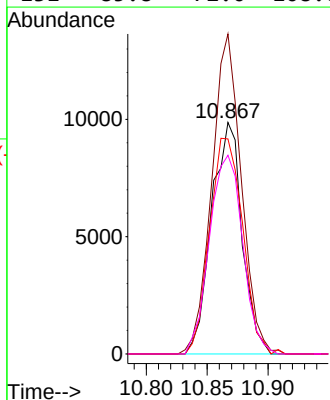
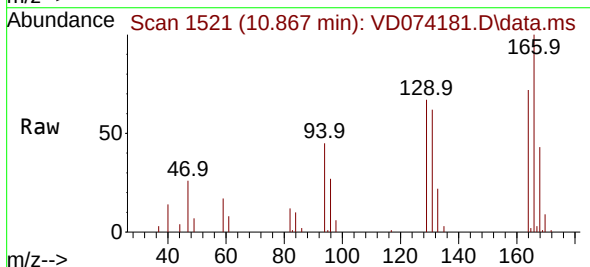
Manual Integrations
APPROVED

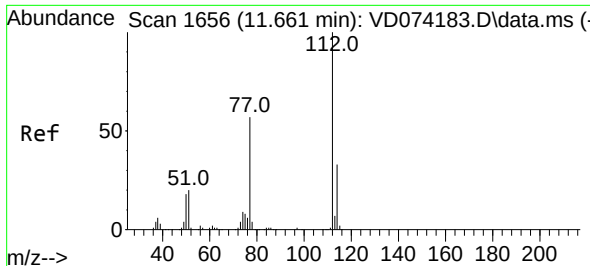
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#64
Tetrachloroethene
Concen: 10.170 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion:164 Resp: 17195
Ion Ratio Lower Upper
164 100
166 138.2 98.5 147.7
129 92.9 74.6 111.8
131 85.8 72.0 108.0





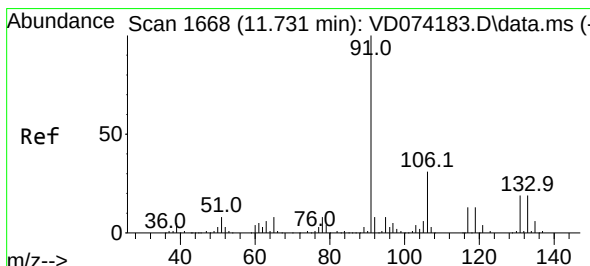
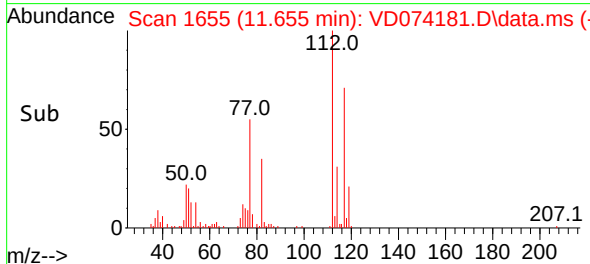
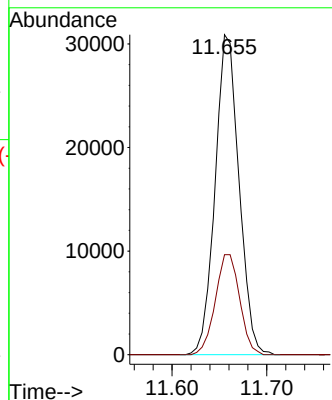
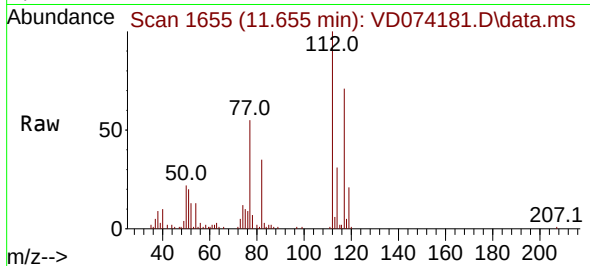
#65
Chlorobenzene
Concen: 10.421 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 54118
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

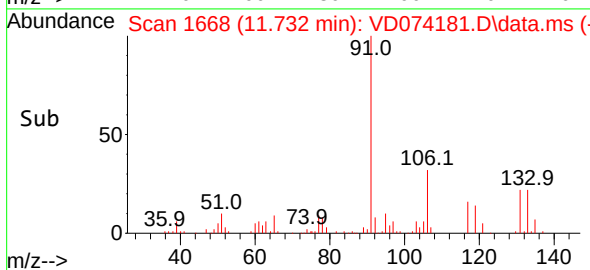
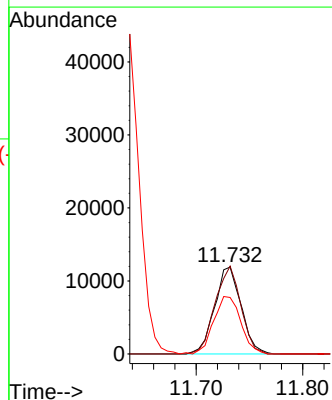
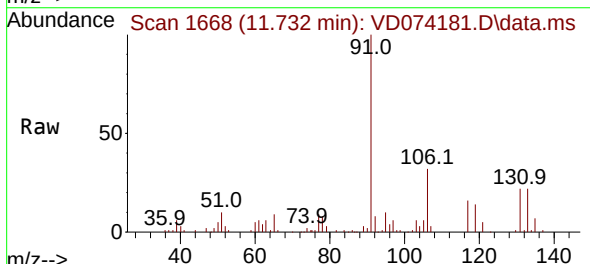
Manual Integrations
APPROVED

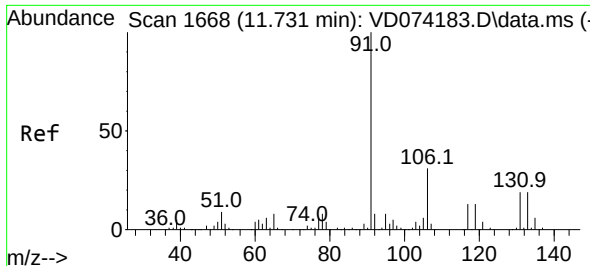
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.139 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion:131 Resp: 20554
Ion Ratio Lower Upper
131 100
133 98.0 48.1 144.3
119 67.7 31.9 95.9





#67

Ethyl Benzene

Concen: 9.787 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 87274

Ion Ratio Lower Upper

91 100

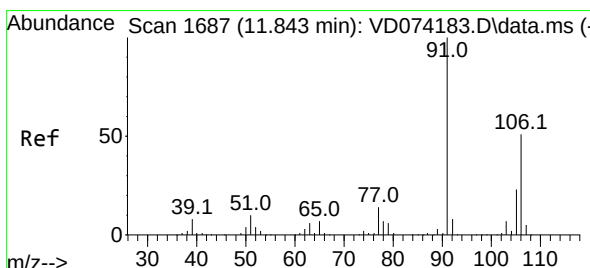
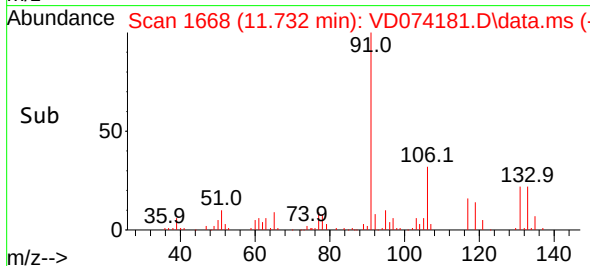
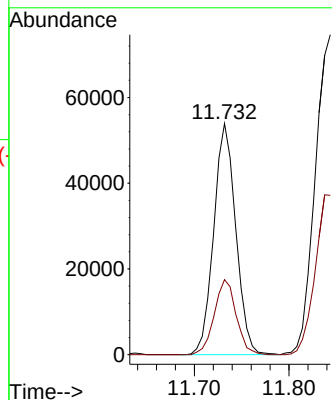
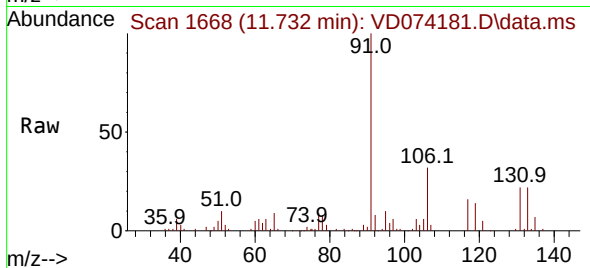
106 32.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#68

m/p-Xylenes

Concen: 19.791 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD074181.D

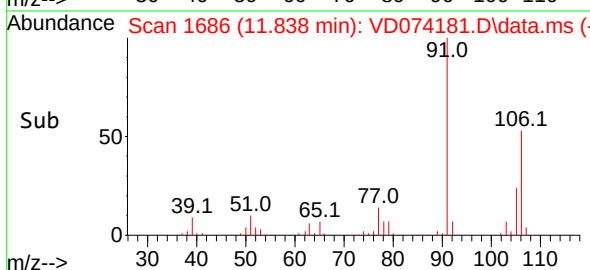
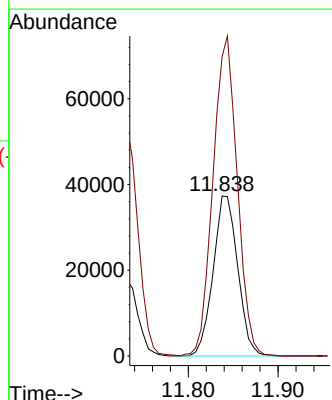
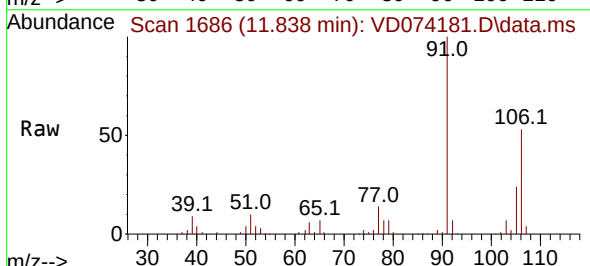
Acq: 23 Aug 2022 10:43

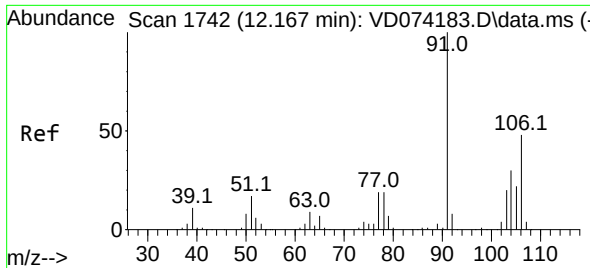
Tgt Ion:106 Resp: 70904

Ion Ratio Lower Upper

106 100

91 197.6 163.7 245.5





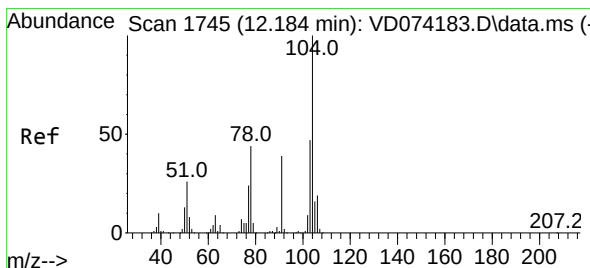
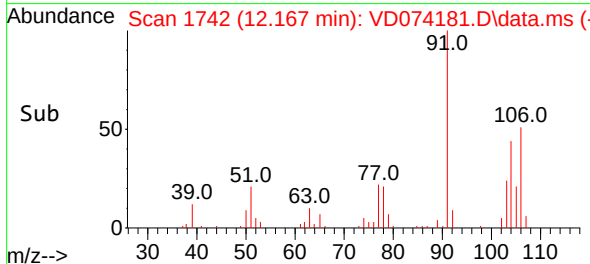
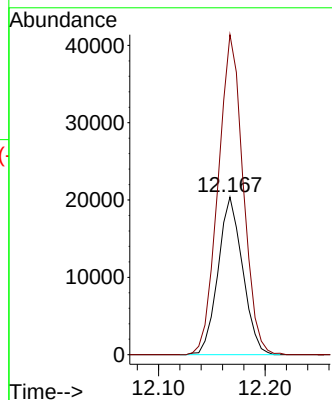
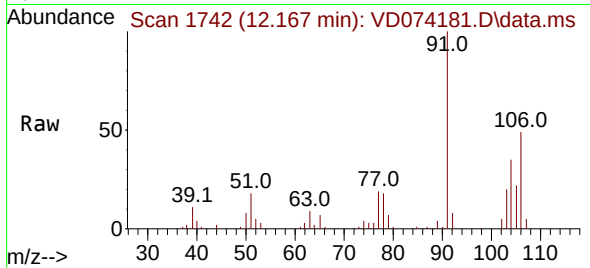
#69
o-Xylene
Concen: 9.991 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 32560
Ion Ratio Lower Upper
106 100
91 207.4 110.4 331.2

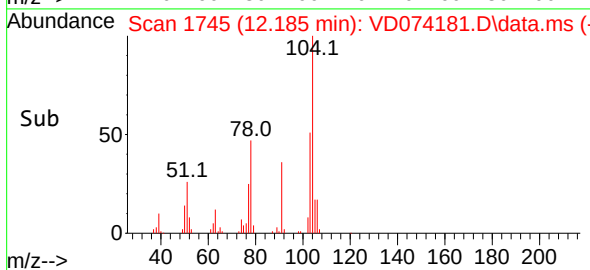
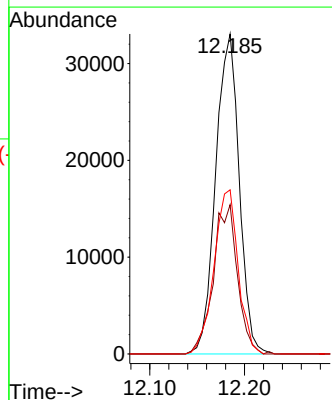
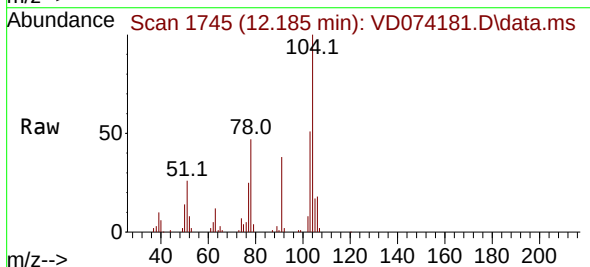
Manual Integrations
APPROVED

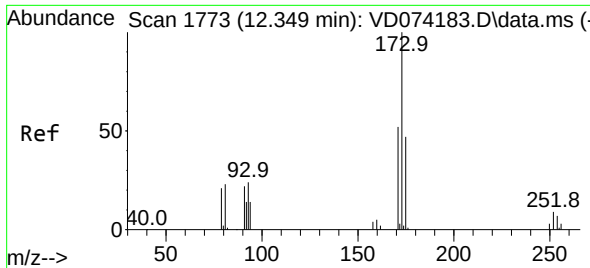
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#70
Styrene
Concen: 10.044 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

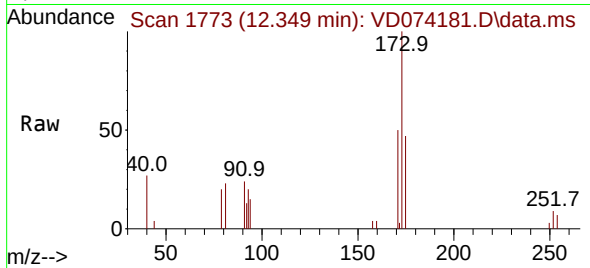
Tgt Ion:104 Resp: 57037
Ion Ratio Lower Upper
104 100
78 48.1 41.8 62.8
103 52.8 44.2 66.4





#71
Bromoform
Concen: 10.558 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

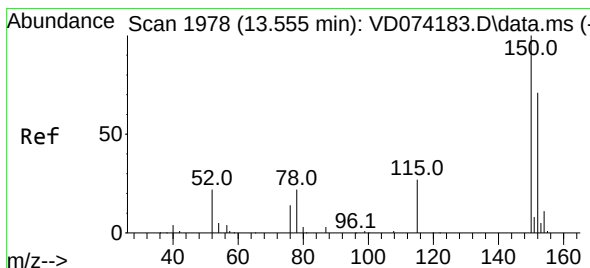
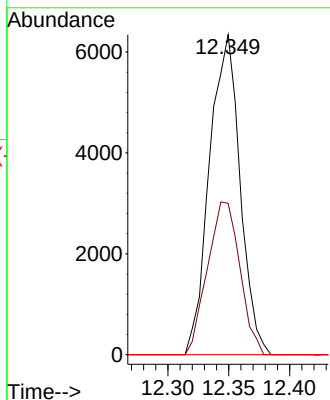
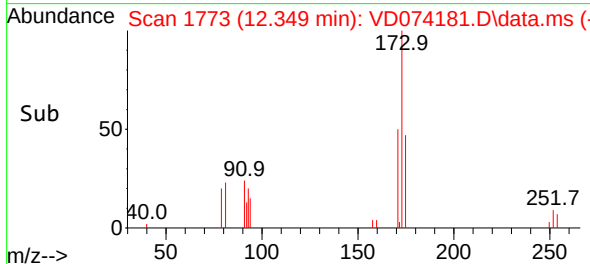
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



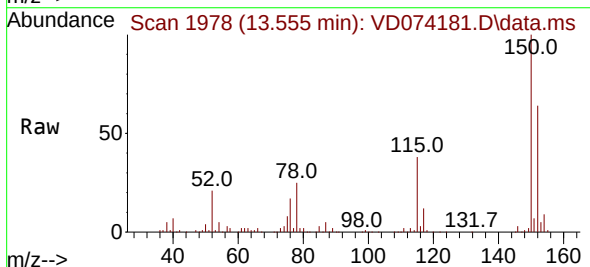
Tgt Ion:173 Resp: 1110
Ion Ratio Lower Upper
173 100
175 50.5 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

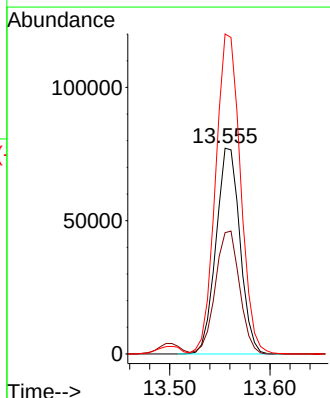
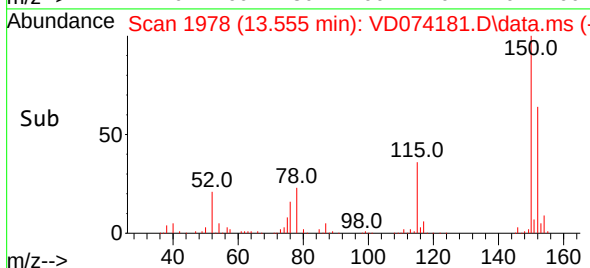
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

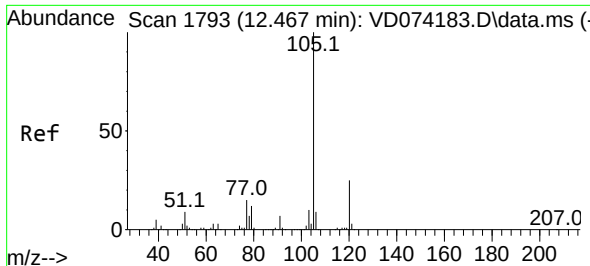


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



Tgt Ion:152 Resp: 127732
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 161.8 0.0 348.6





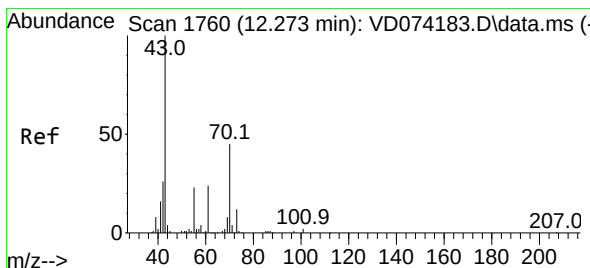
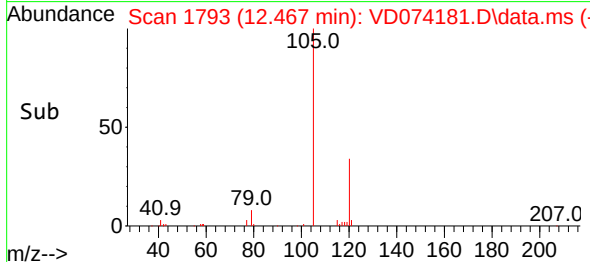
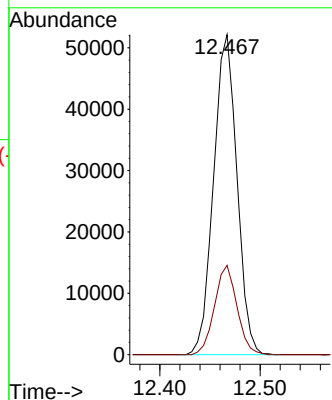
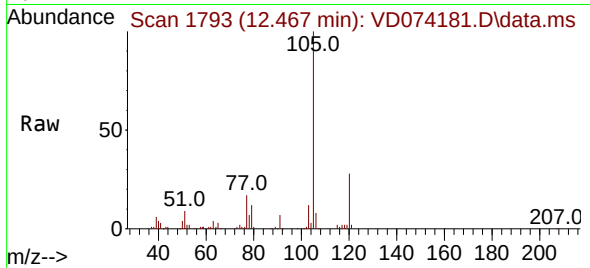
#73
Isopropylbenzene
Concen: 9.787 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 8431
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9

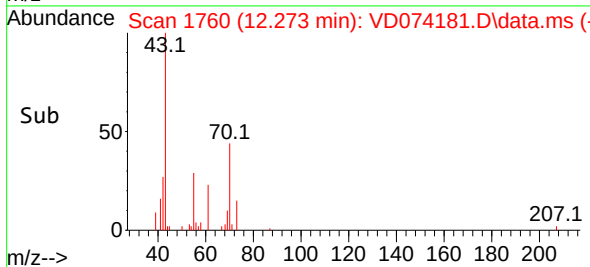
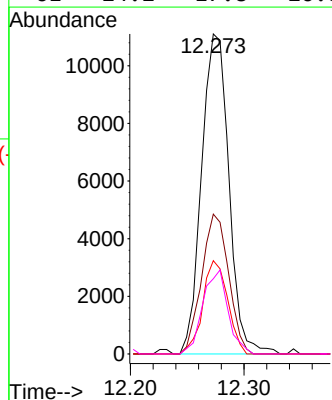
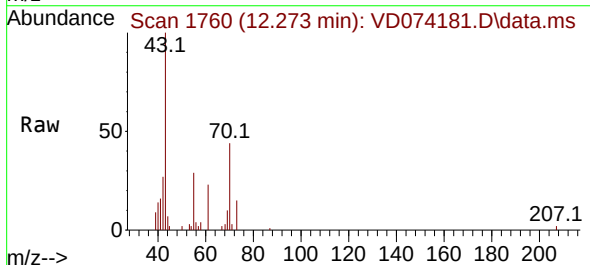
Manual Integrations
APPROVED

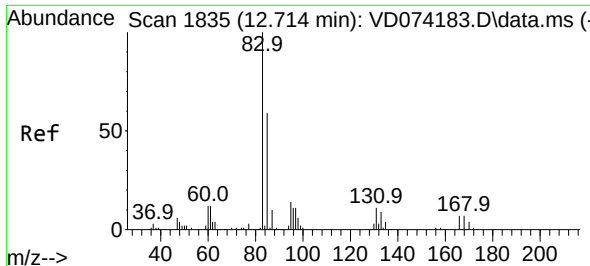
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#74
N-ethyl acetate
Concen: 10.997 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

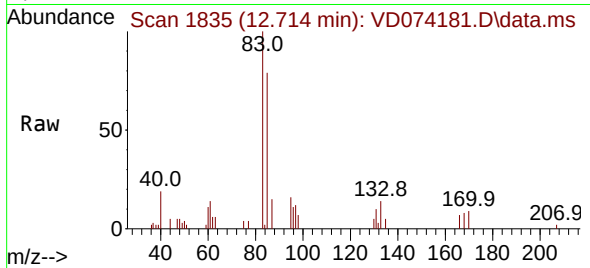
Tgt Ion: 43 Resp: 18594
Ion Ratio Lower Upper
43 100
70 43.1 31.3 46.9
55 26.6 20.0 30.0
61 24.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 10.595 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

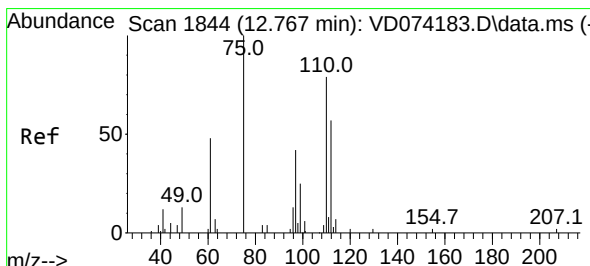
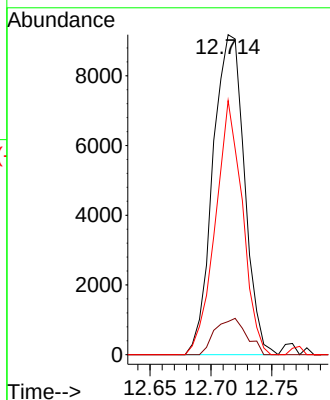
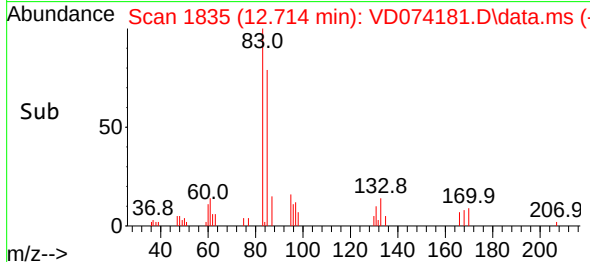
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



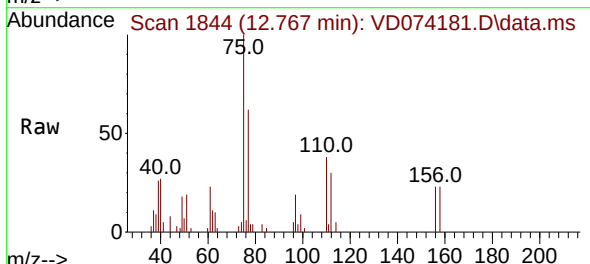
Tgt Ion: 83 Resp: 1653
Ion Ratio Lower Upper
83 100
131 11.3 5.0 14.9
85 68.2 32.6 98.0

Manual Integrations
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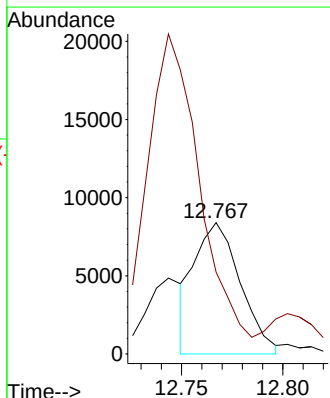
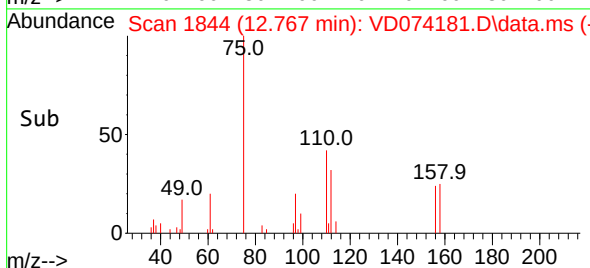
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

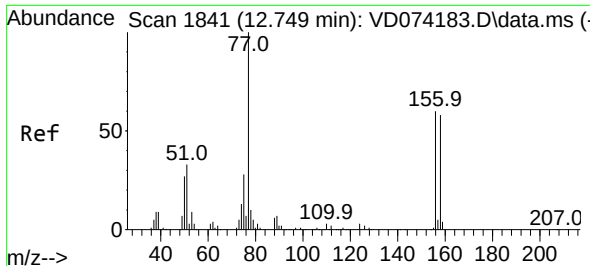


#76
1,2,3-Trichloropropane
Concen: 11.122 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



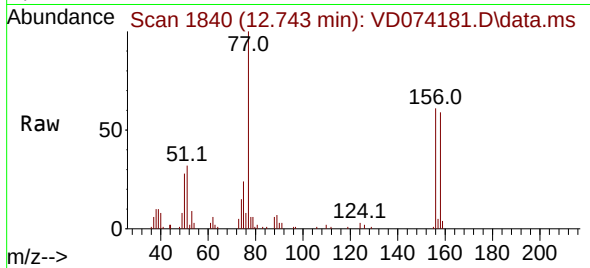
Tgt Ion: 75 Resp: 13225
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 10.408 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

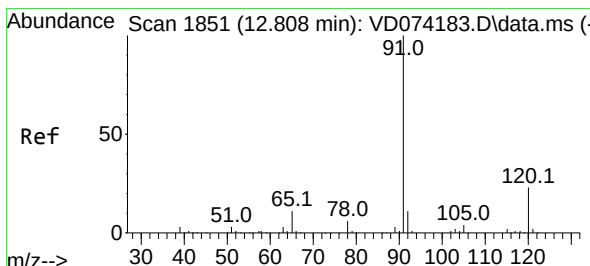
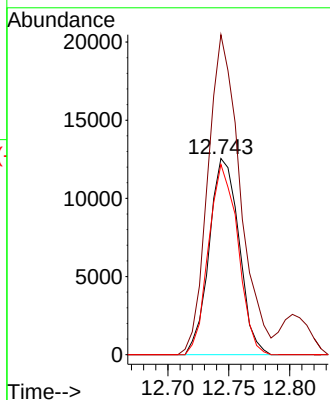
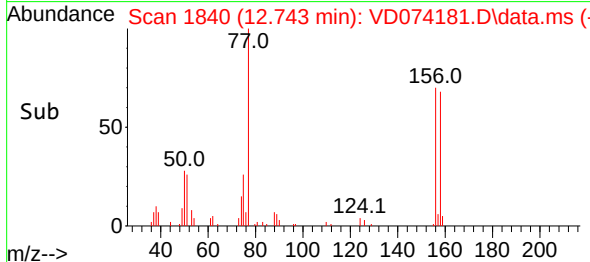
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



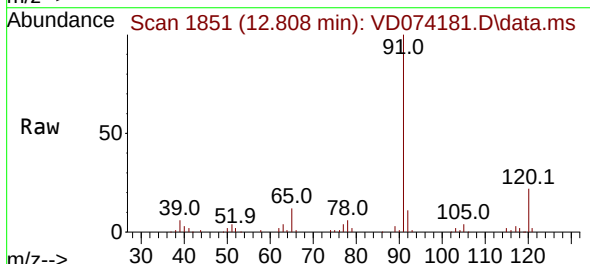
Tgt Ion:156 Resp: 2143
Ion Ratio Lower Upper
156 100
77 176.6 102.8 308.3
158 94.9 48.7 146.1

Manual Integrations
APPROVED

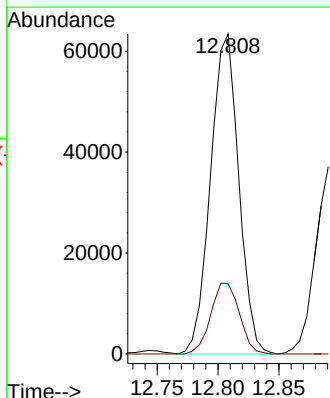
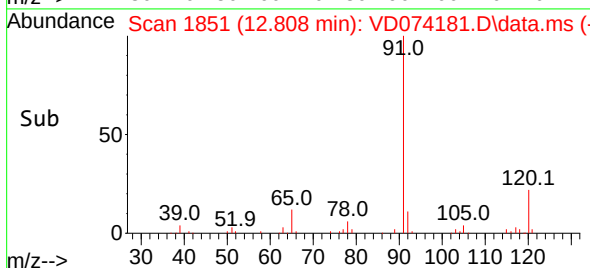
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

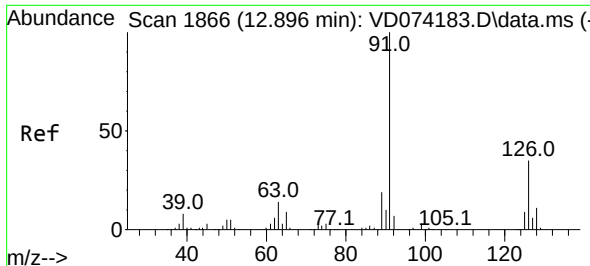


#78
n-propylbenzene
Concen: 9.602 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



Tgt Ion: 91 Resp: 102305
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





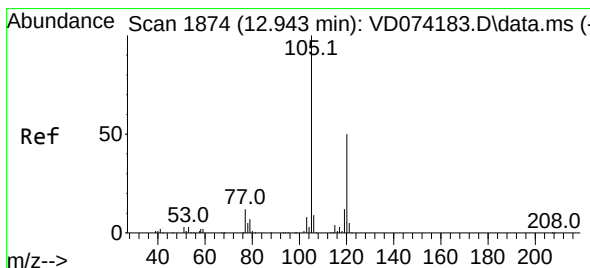
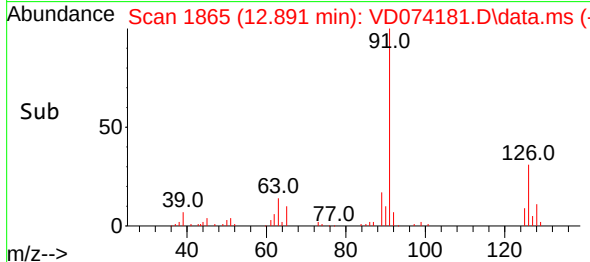
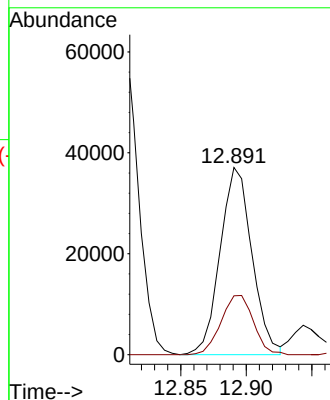
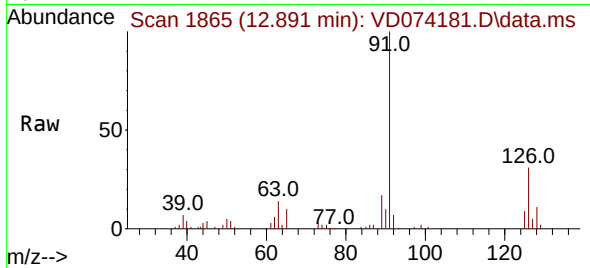
#79
2-Chlorotoluene
Concen: 10.336 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 62709
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6

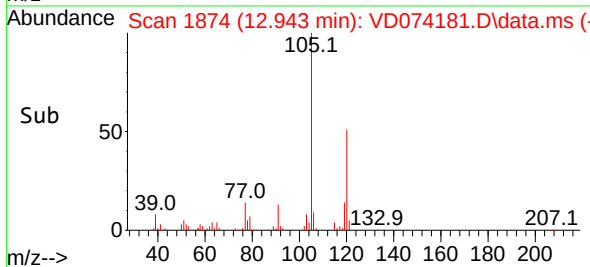
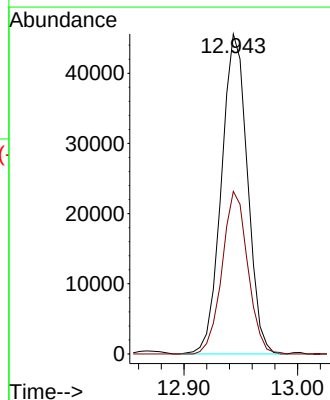
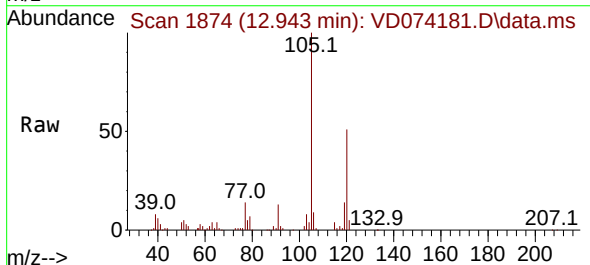
Manual Integrations
APPROVED

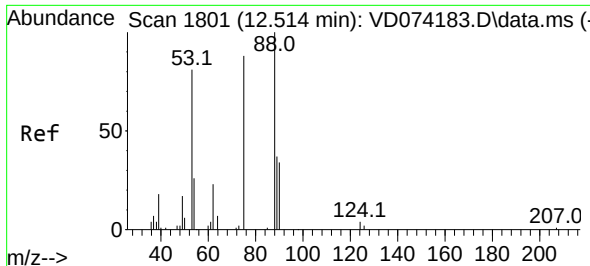
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.861 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

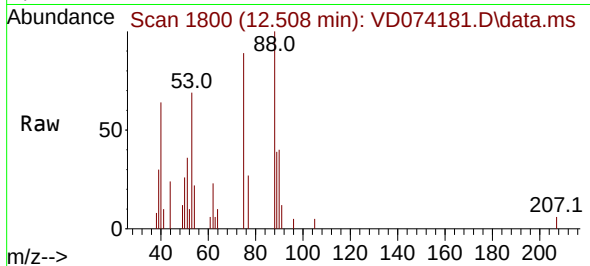
Tgt Ion:105 Resp: 72426
Ion Ratio Lower Upper
105 100
120 50.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 9.520 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

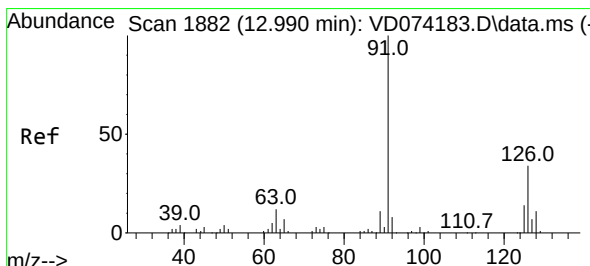
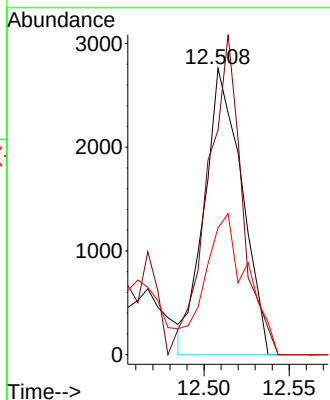
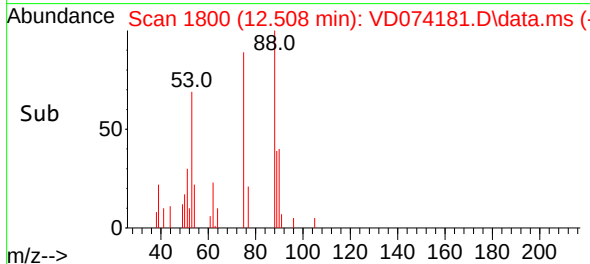
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 420
Ion Ratio Lower Upper
75 100
53 102.7 86.5 129.7
89 55.4 33.9 50.9

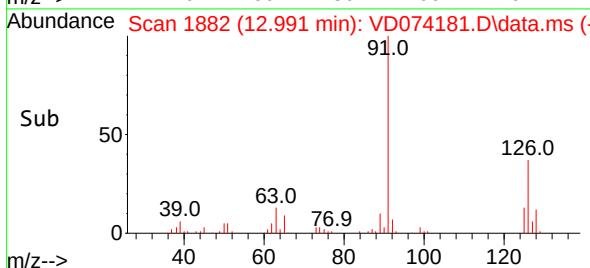
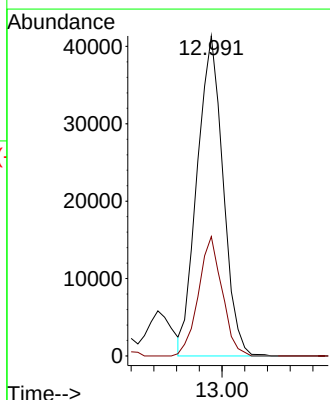
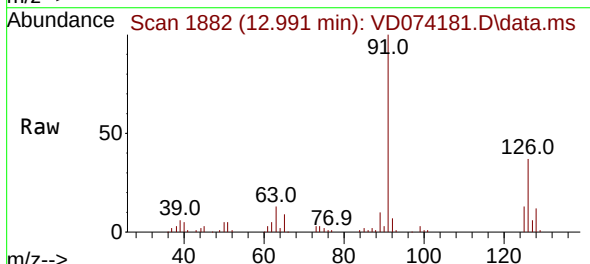
Manual Integrations
APPROVED

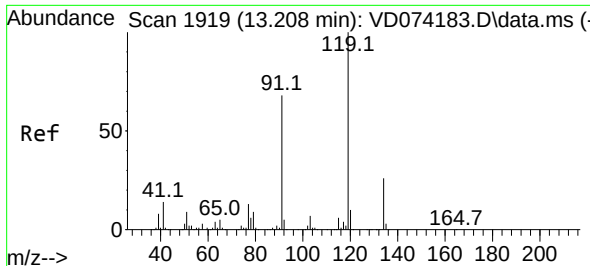
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#82
4-Chlorotoluene
Concen: 10.215 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

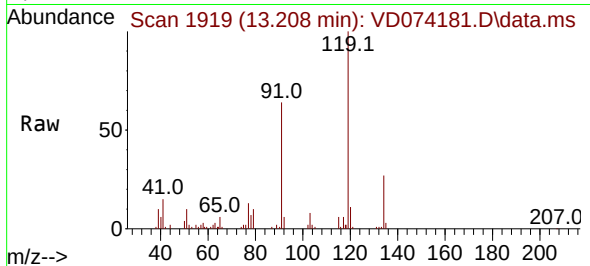
Tgt Ion: 91 Resp: 65534
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5





#83
tert-Butylbenzene
Concen: 9.467 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

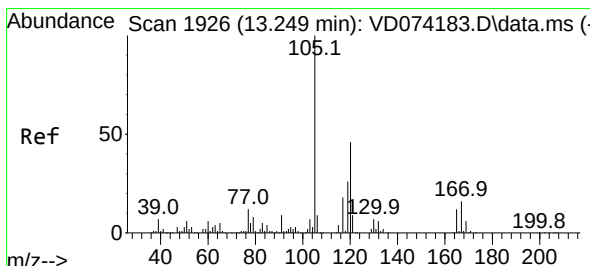
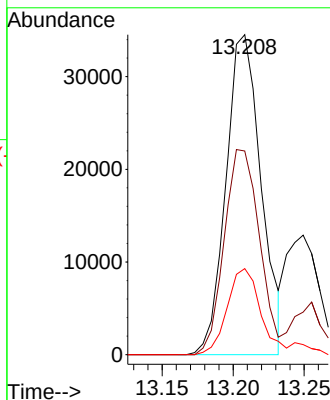
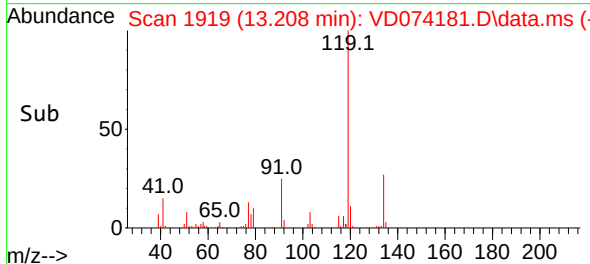
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010



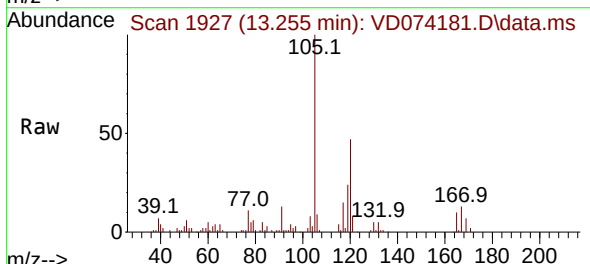
Tgt Ion:119 Resp: 59592
Ion Ratio Lower Upper
119 100
91 64.0 34.8 104.5
134 25.4 13.3 39.9

Manual Integrations
APPROVED

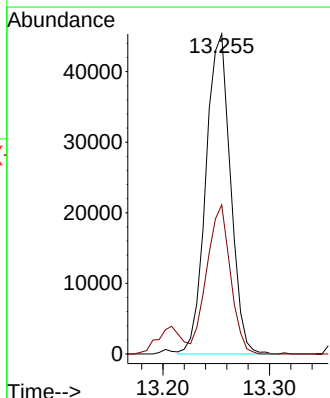
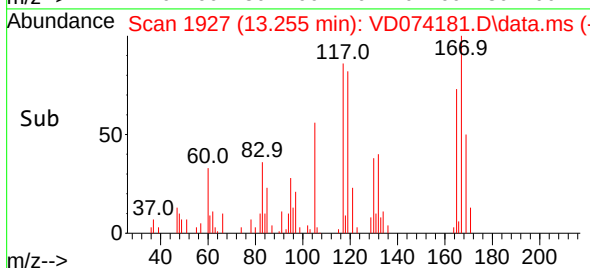
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

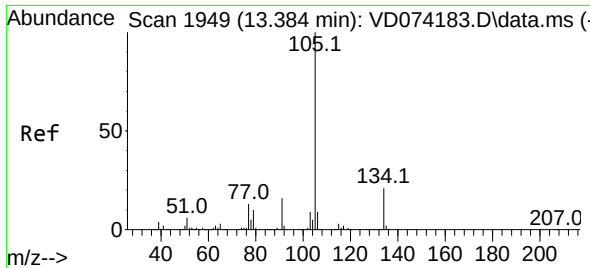


#84
1,2,4-Trimethylbenzene
Concen: 9.884 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43



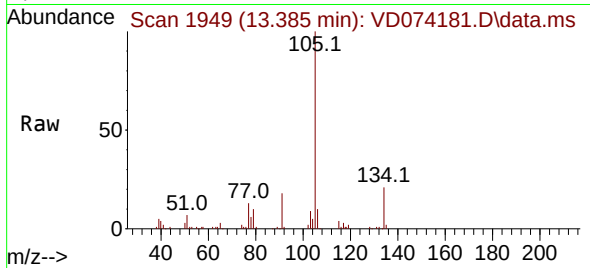
Tgt Ion:105 Resp: 72605
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 9.481 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD074181.D
 Acq: 23 Aug 2022 10:43

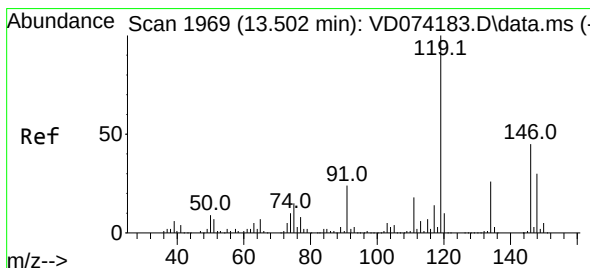
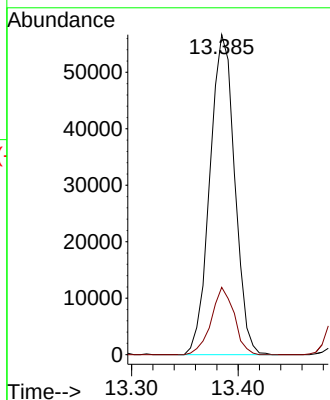
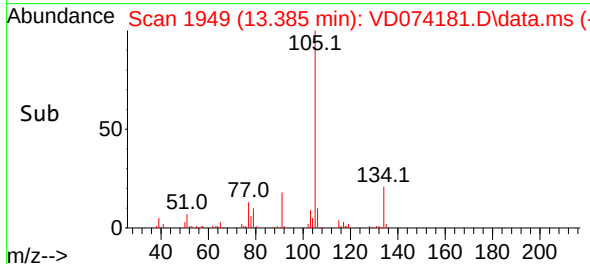
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



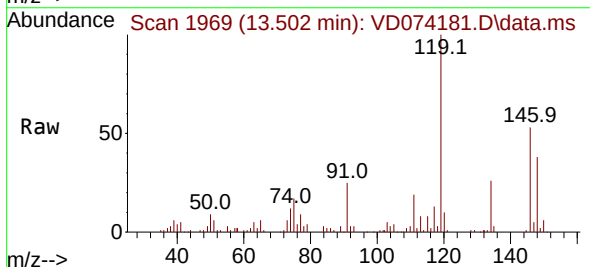
Tgt Ion:105 Resp: 91720
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

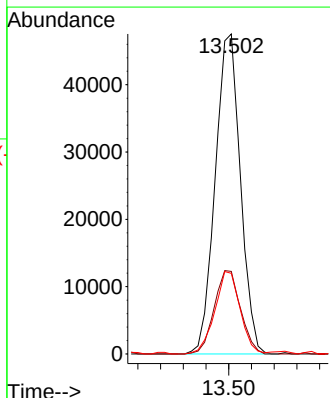
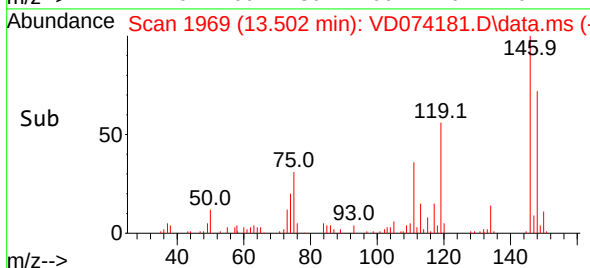
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

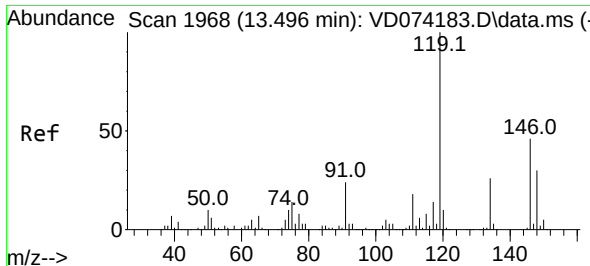


#86
 p-Isopropyltoluene
 Concen: 9.071 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD074181.D
 Acq: 23 Aug 2022 10:43



Tgt Ion:119 Resp: 73239
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.9 38.6
 91 25.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 10.139 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 4411

Ion Ratio Lower Upper

146 100

111 38.4 20.4 61.3

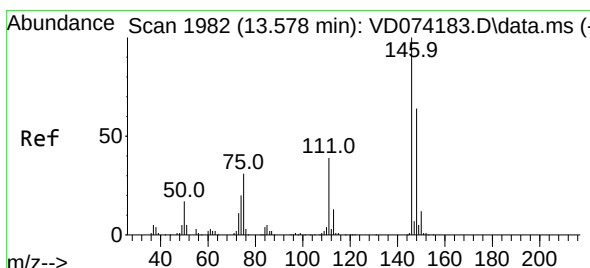
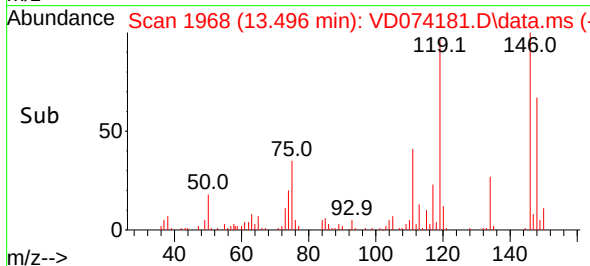
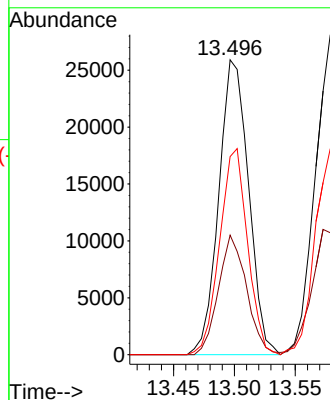
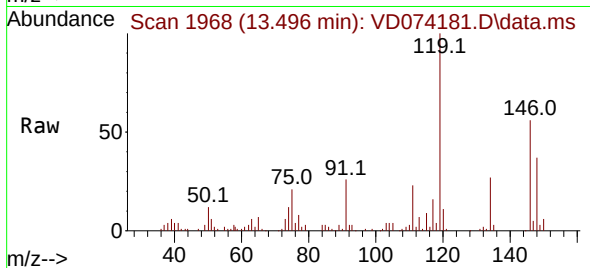
148 65.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#88

1,4-Dichlorobenzene

Concen: 10.384 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD074181.D

Acq: 23 Aug 2022 10:43

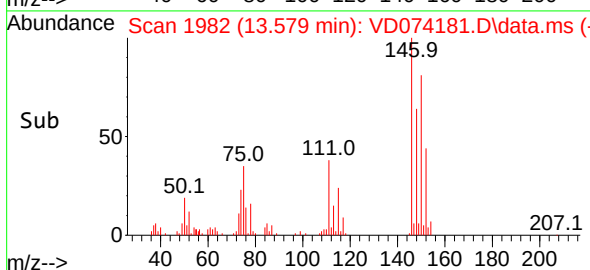
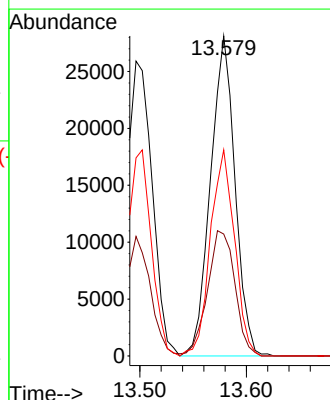
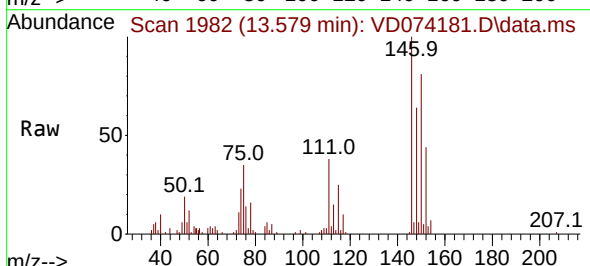
Tgt Ion:146 Resp: 45062

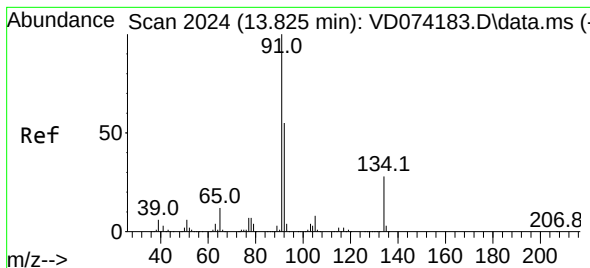
Ion Ratio Lower Upper

146 100

111 43.5 20.3 60.9

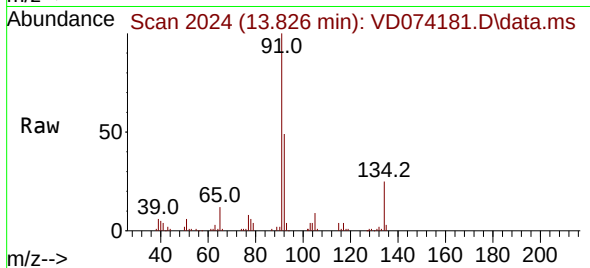
148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 8.991 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

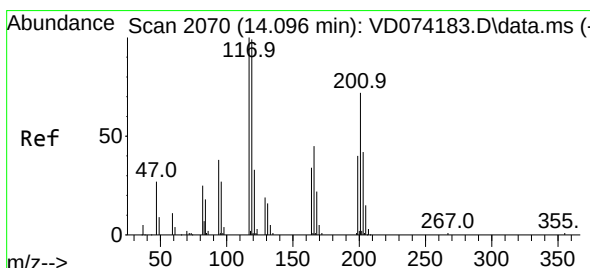
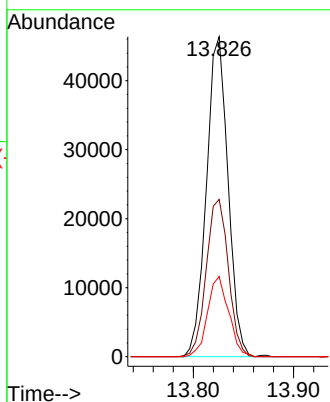
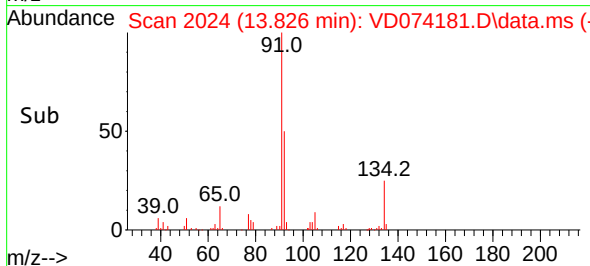
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 6938
Ion Ratio Lower Upper
91 100
92 50.5 26.6 79.8
134 24.5 12.3 36.9

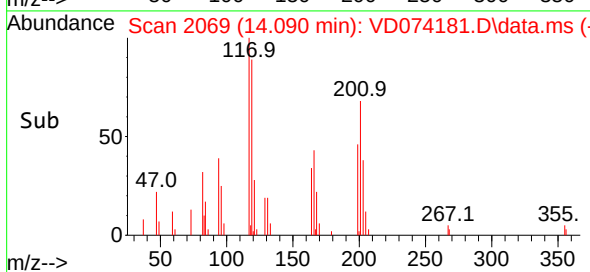
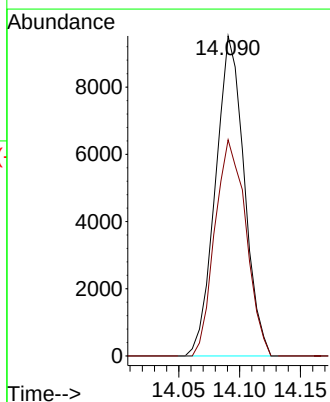
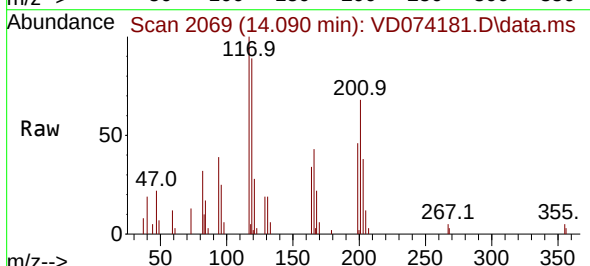
Manual Integrations
APPROVED

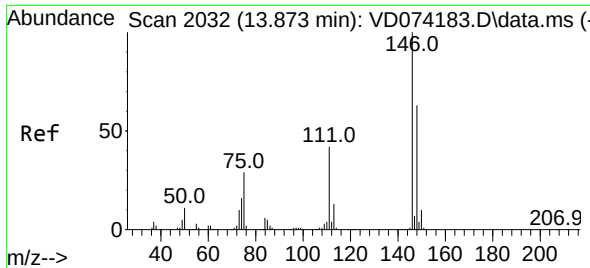
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#90
Hexachloroethane
Concen: 9.307 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion:117 Resp: 15607
Ion Ratio Lower Upper
117 100
201 73.1 33.4 100.2





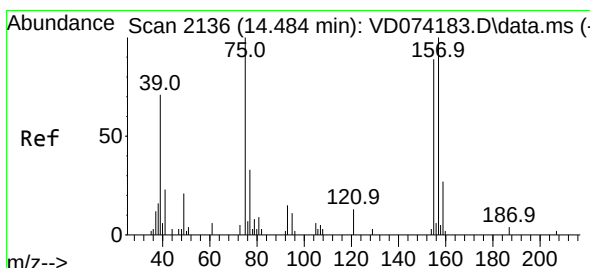
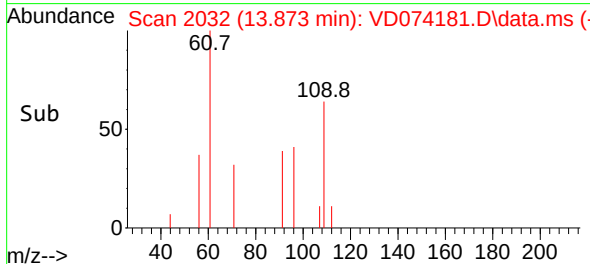
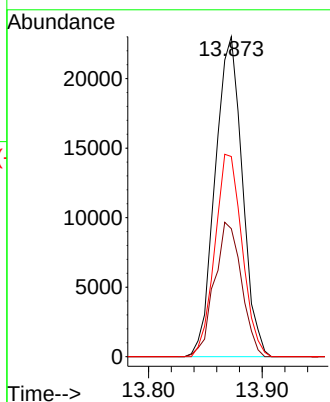
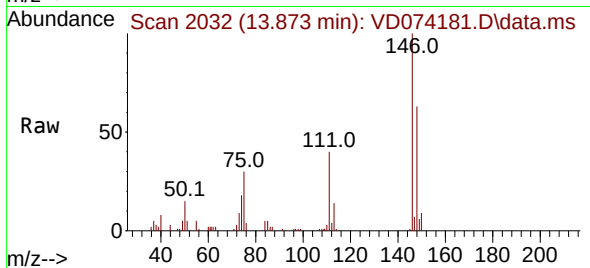
#91
1,2-Dichlorobenzene
Concen: 9.915 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 3825
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.5 31.7 95.1

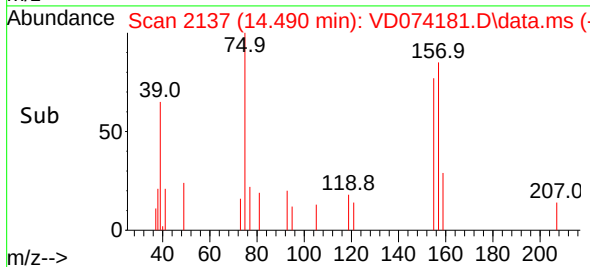
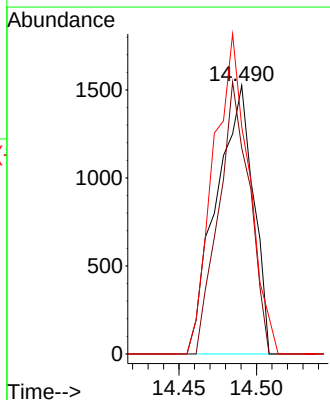
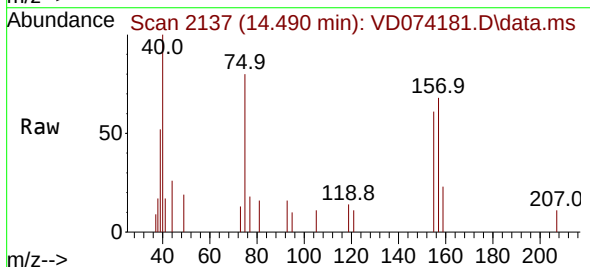
Manual Integrations
APPROVED

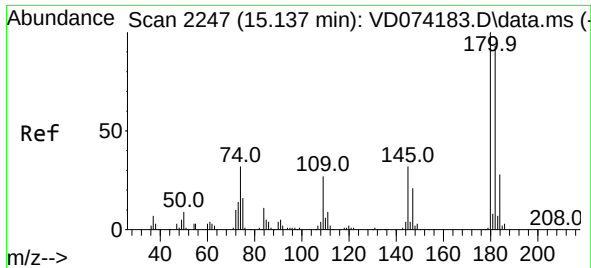
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.612 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

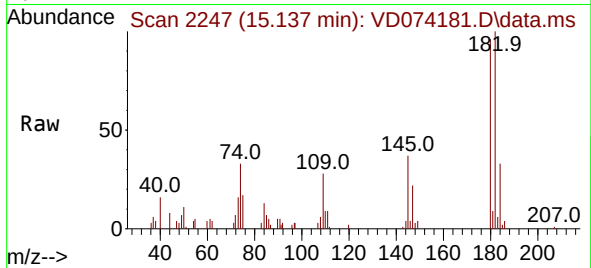
Tgt Ion: 75 Resp: 2539
Ion Ratio Lower Upper
75 100
155 84.0 36.8 110.3
157 113.2 48.4 145.0





#93
 1,2,4-Trichlorobenzene
 Concen: 8.767 ug/l
 RT: 15.137 min Scan# 2132
 Delta R.T. 0.000 min
 Lab File: VD074181.D
 Acq: 23 Aug 2022 10:43

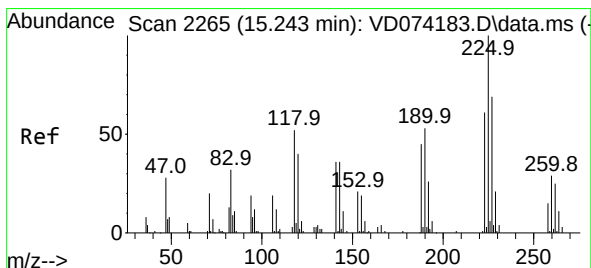
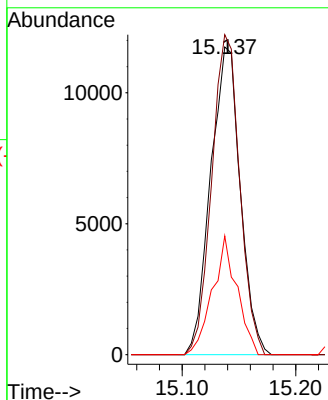
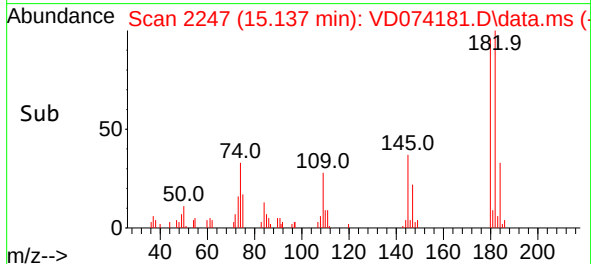
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



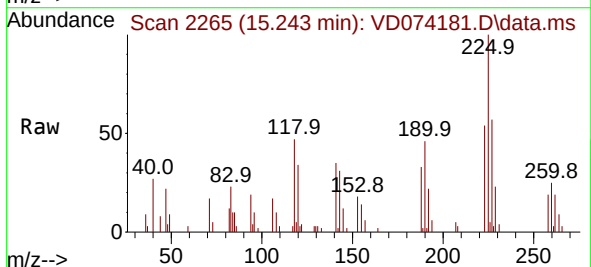
Tgt Ion:180 Resp: 2132
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.3 142.0
 145 31.9 16.2 48.5

Manual Integrations
 APPROVED

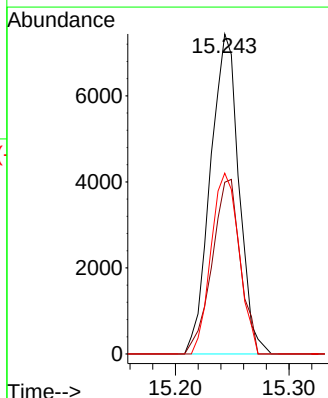
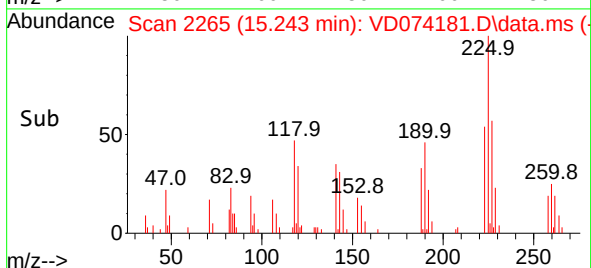
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

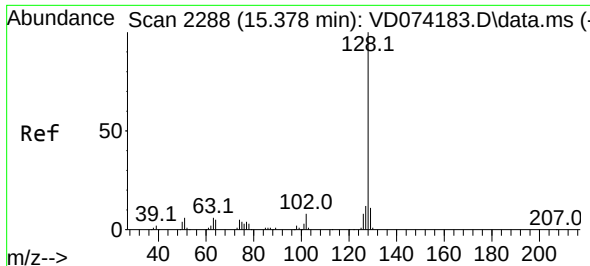


#94
 Hexachlorobutadiene
 Concen: 9.018 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074181.D
 Acq: 23 Aug 2022 10:43



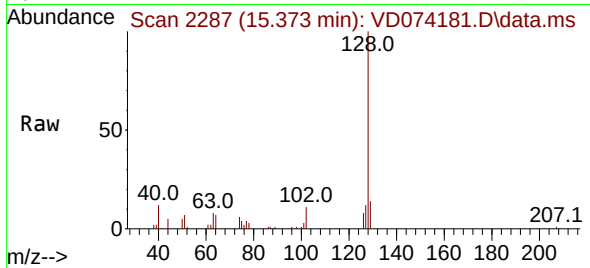
Tgt Ion:225 Resp: 12963
 Ion Ratio Lower Upper
 225 100
 223 54.1 31.1 93.2
 227 55.4 32.4 97.0





#95
Naphthalene
Concen: 8.787 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

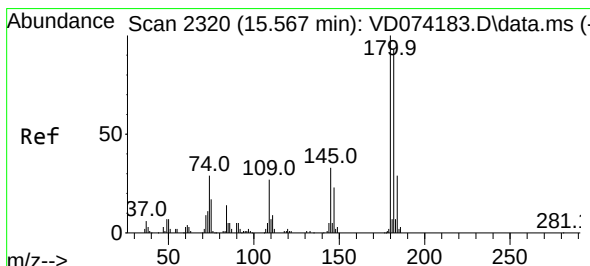
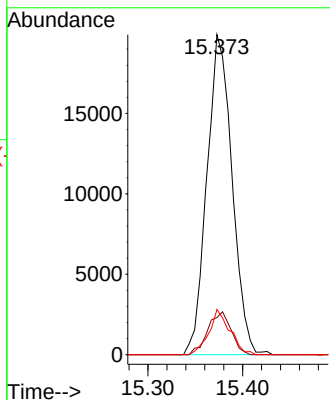
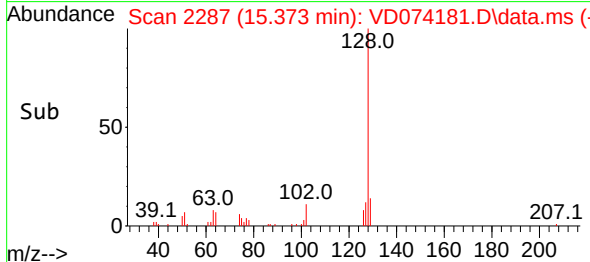
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 36800
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 8.746 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074181.D
Acq: 23 Aug 2022 10:43

Tgt Ion:180 Resp: 18743
Ion Ratio Lower Upper
180 100
182 100.2 47.6 142.9
145 36.4 17.1 51.3

