

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075821.D
 Acq On : 25 Apr 2023 19:51
 Operator : KP/SY
 Sample : 02419-12MSD
 Misc : 3.85G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

Quant Time: Apr 26 02:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 26 02:39:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	312033	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	235224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	79118	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	183019	26.737	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.960%			
7) Chloroethane-d5	2.805	69	160658	27.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.640%			
11) 1,1-Dichloroethene-d2	3.922	65	40452	25.633	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.520%			
21) 2-Butanone-d5	6.981	46	23350	39.293	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.580%			
24) Chloroform-d	7.569	84	205434	26.328	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.320%			
26) 1,2-Dichloroethane-d4	8.228	65	82718	24.824	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.280%			
32) Benzene-d6	8.199	84	431016	31.438	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 125.760%			
36) 1,2-Dichloropropane-d6	9.210	67	118214	31.152	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.600%#			
41) Toluene-d8	10.269	98	368739	28.729	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.920%			
43) trans-1,3-Dichloroprop...	10.528	79	41646	26.551	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.200%			
47) 2-Hexanone-d5	10.875	63	19652	43.010	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.020%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	68608	23.627	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.520%			
66) 1,2-Dichlorobenzene-d4	13.816	152	65373	23.360	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	122125	28.391	ug/L	100
3) Chloromethane	2.146	50	167644	27.957	ug/L	100
5) Vinyl chloride	2.281	62	205512	26.223	ug/L	95
6) Bromomethane	2.693	94	137413	26.093	ug/L	97
8) Chloroethane	2.840	64	134502	26.537	ug/L	96
9) Trichlorofluoromethane	3.175	101	161168	25.594	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	102186	24.155	ug/L	98
12) 1,1-Dichloroethene	3.940	96	107752	26.263	ug/L	94
13) Acetone	4.022	43	21234	41.755	ug/L	97
14) Carbon disulfide	4.275	76	351119	24.502	ug/L	100
15) Methyl Acetate	4.563	43	22680	20.579	ug/L #	60
16) Methylene chloride	4.799	84	140899	22.259	ug/L	98
17) trans-1,2-Dichloroethene	5.316	96	117381	25.515	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	171694	23.267	ug/L #	87
19) 1,1-Dichloroethane	6.110	63	182794	27.123	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	122287	25.139	ug/L	96
22) 2-Butanone	7.081	43	30212	45.570	ug/L	93
23) Bromochloromethane	7.422	128	56898	25.221	ug/L	91
25) Chloroform	7.599	83	194628	25.768	ug/L	100

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 Response via : Initial Calibration

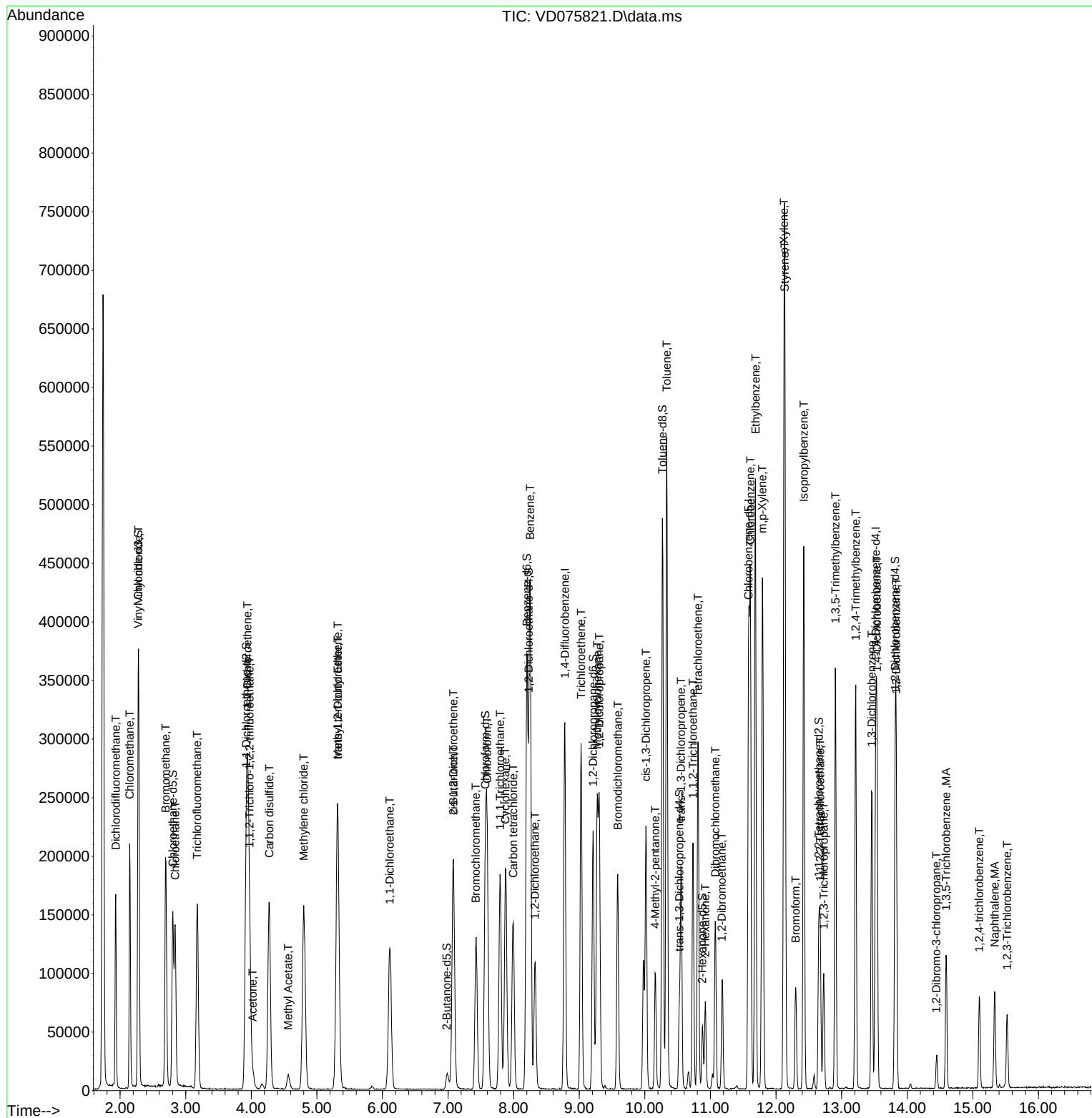
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	94149	24.148	ug/L	99
29) Cyclohexane	7.875	56	100192	24.881	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	150483	30.237	ug/L	100
31) Carbon tetrachloride	7.993	117	116878	29.272	ug/L	97
33) Benzene	8.252	78	446001	31.346	ug/L	100
34) Trichloroethene	9.028	95	105229	28.598	ug/L	97
35) Methylcyclohexane	9.275	83	111017	19.569	ug/L	99
37) 1,2-Dichloropropane	9.304	63	100814	30.845	ug/L	99
38) Bromodichloromethane	9.587	83	129491	29.383	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	141321	27.188	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	58967	49.484	ug/L	98
42) Toluene	10.334	91	455421	29.578	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	110824	26.541	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	75597	27.188	ug/L	98
46) Tetrachloroethene	10.810	164	73163	24.242	ug/L	98
48) 2-Hexanone	10.922	43	41675	49.608	ug/L	93
49) Dibromochloromethane	11.075	129	81464	26.912	ug/L	92
50) 1,2-Dibromoethane	11.175	107	65323	26.058	ug/L	92
51) Chlorobenzene	11.610	112	257534	25.567	ug/L	98
52) Ethylbenzene	11.687	91	392071	24.832	ug/L	98
53) m,p-Xylene	11.793	106	153869	24.474	ug/L	99
54) o-Xylene	12.122	106	146812	24.585	ug/L	100
55) Styrene	12.134	104	257580	24.783	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	65984	23.323	ug/L	97
59) Bromoform	12.298	173	41712	34.400	ug/L	99
60) Isopropylbenzene	12.422	105	315063	30.032	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	42865	34.489	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	200137	25.584	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	194471	25.789	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	122857	24.476	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	126241	23.963	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	107742	24.036	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	7239	29.135	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	39204	11.652	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	28036	10.055	ug/L	99
71) Naphthalene	15.334	128	76184	14.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	23773	9.552	ug/L	98

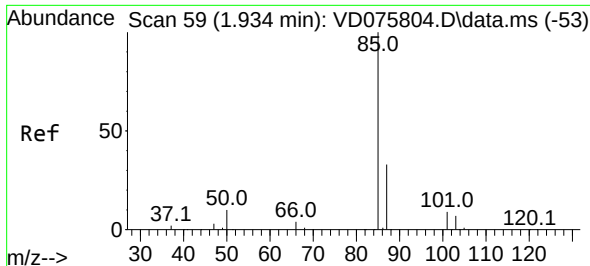
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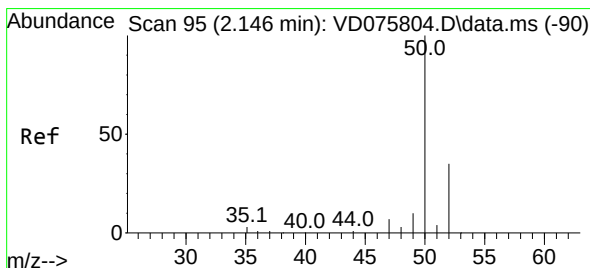
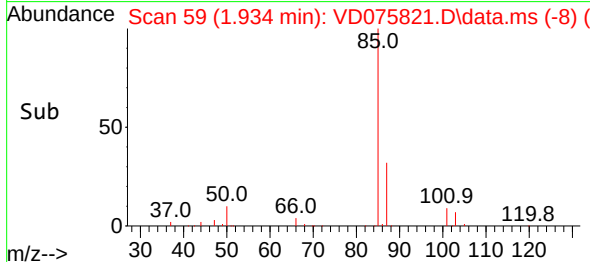
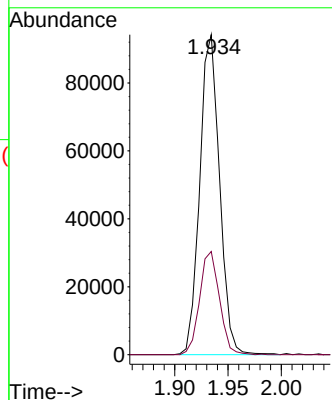
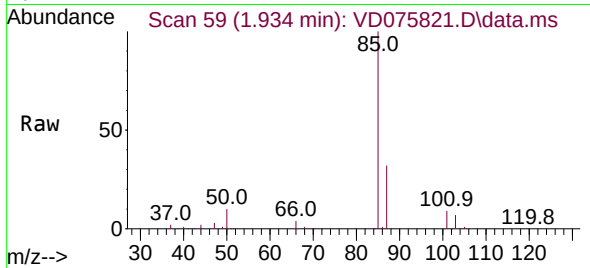




#2
 Dichlorodifluoromethane
 Concen: 28.391 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

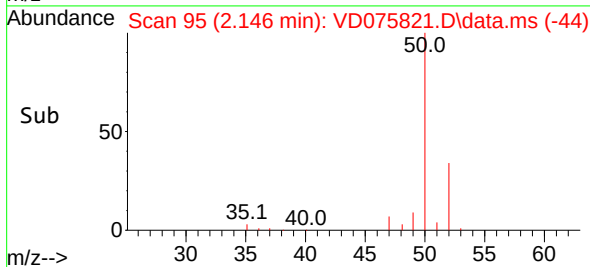
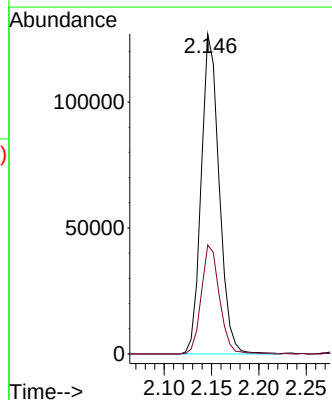
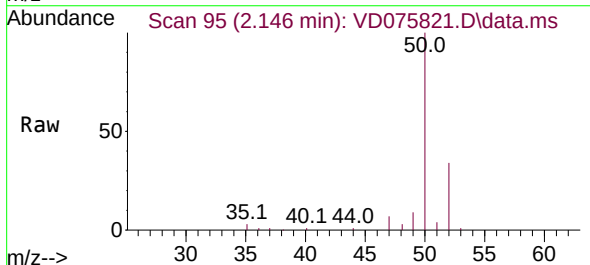
Instrument :
 MSVOA_D
 ClientSampleId :
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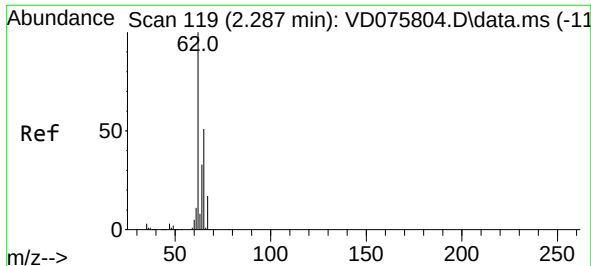
Tgt Ion: 85 Resp: 122125
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 27.957 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

Tgt Ion: 50 Resp: 167644
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 44.1

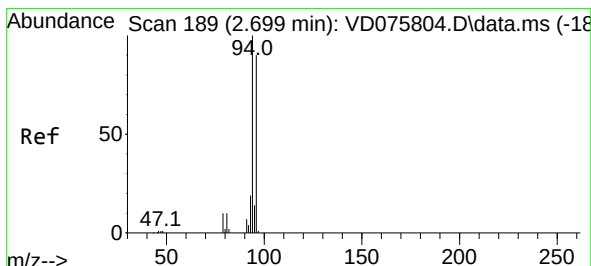
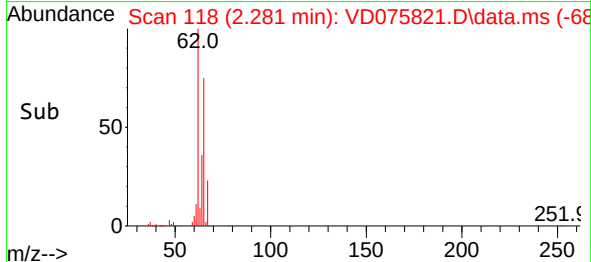
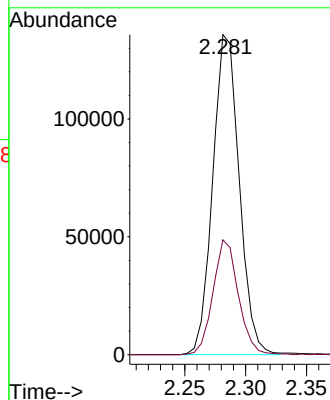
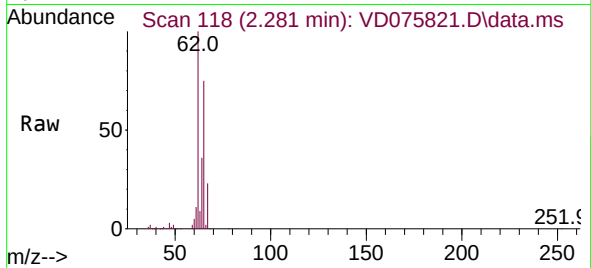




#5
 Vinyl chloride
 Concen: 26.223 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

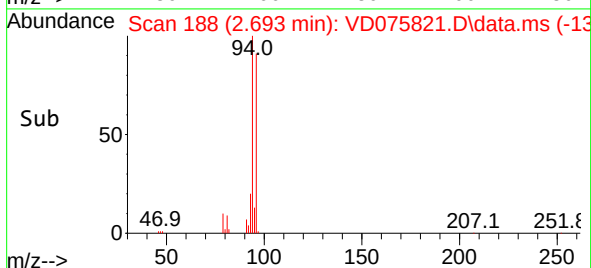
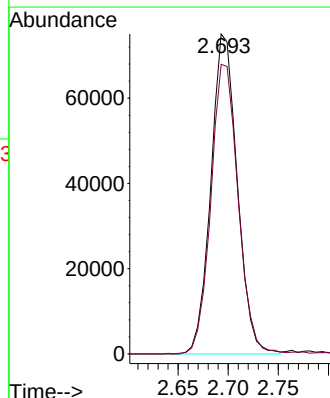
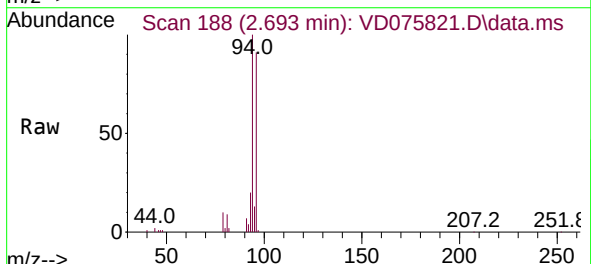
Instrument :
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 ClientSampleId :
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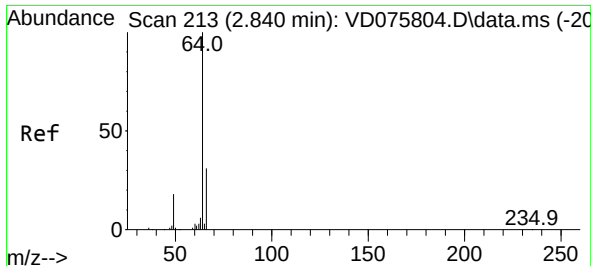
Tgt Ion: 62 Resp: 205512
 Ion Ratio Lower Upper
 62 100
 64 35.9 23.2 43.0



#6
 Bromomethane
 Concen: 26.093 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

Tgt Ion: 94 Resp: 137413
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.7 121.9

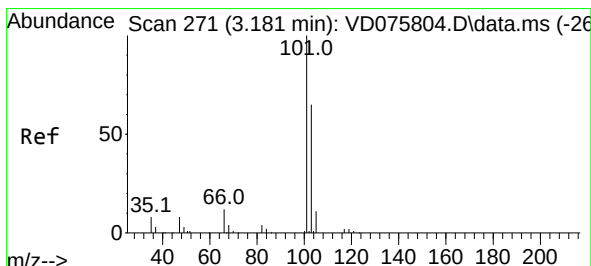
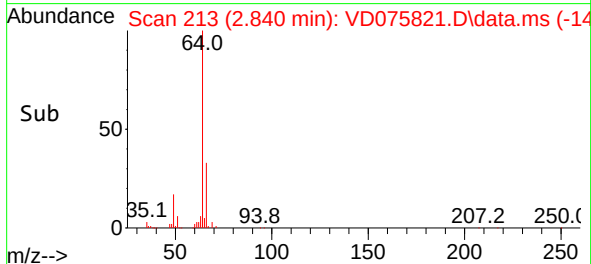
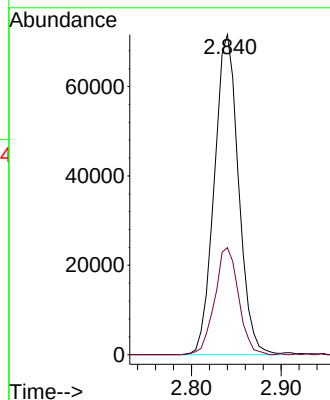
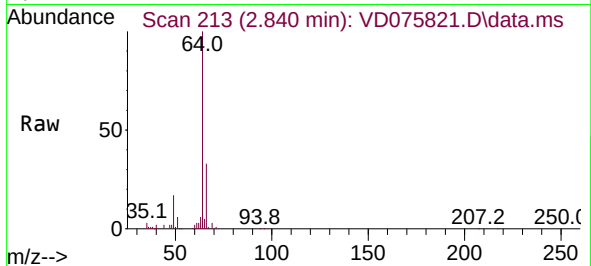




#8
Chloroethane
Concen: 26.537 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

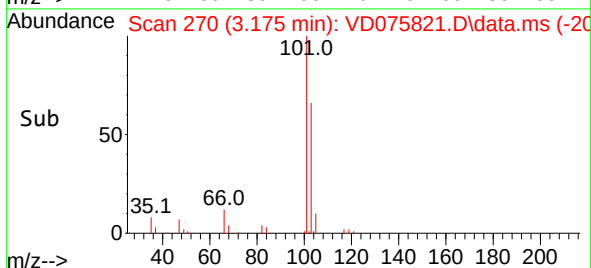
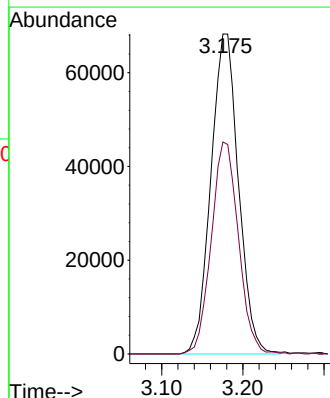
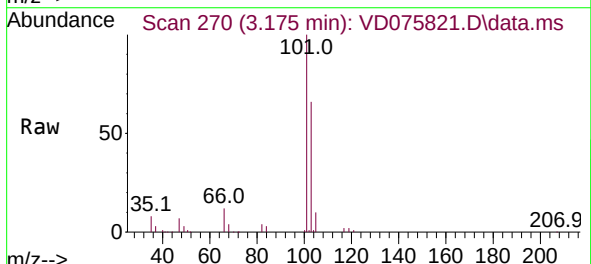
Instrument :
MSVOA_D
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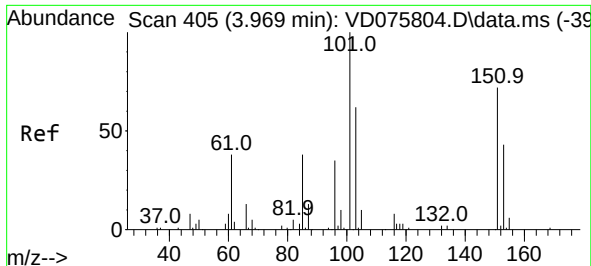
Tgt Ion: 64 Resp: 134502
Ion Ratio Lower Upper
64 100
66 33.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.594 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 101 Resp: 161168
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

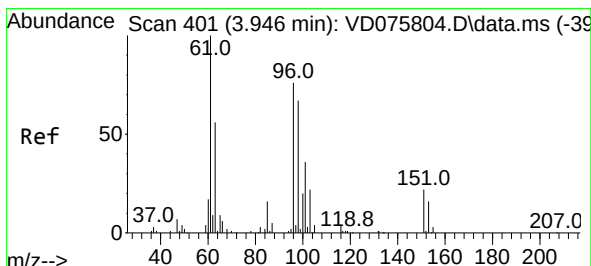
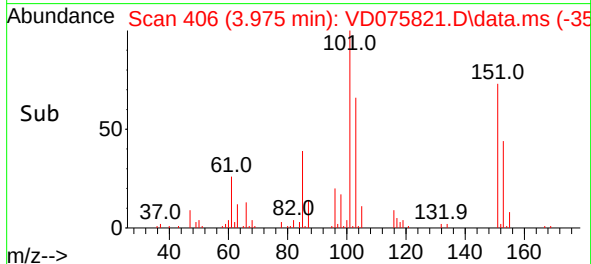
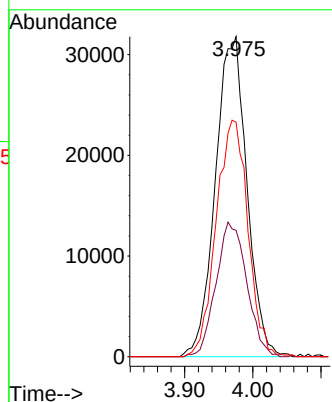
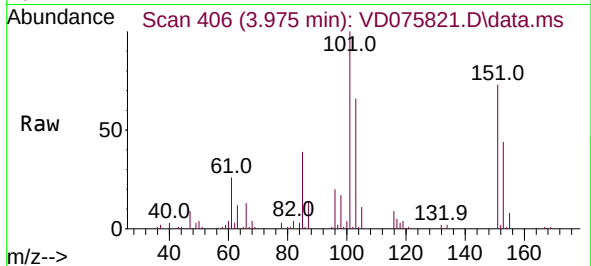




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.155 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

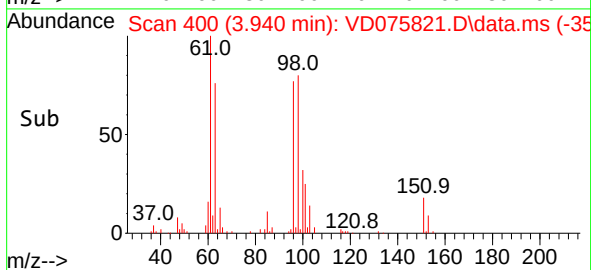
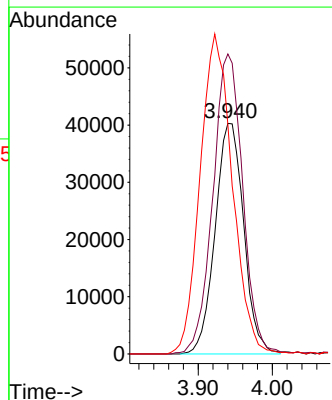
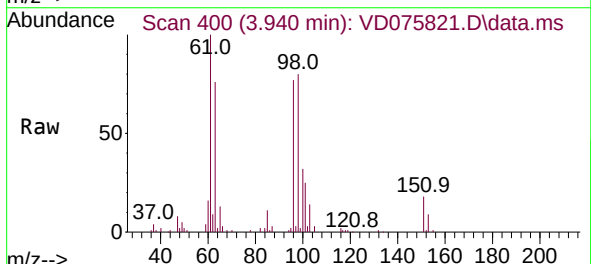
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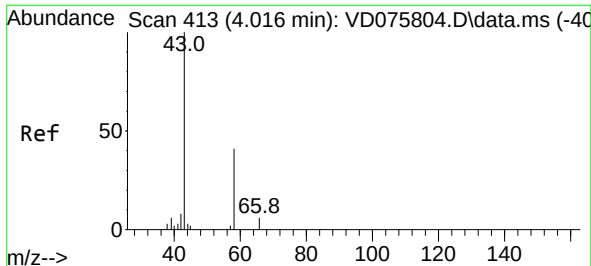
Tgt Ion:101 Resp: 102186
 Ion Ratio Lower Upper
 101 100
 85 41.0 32.9 49.3
 151 74.4 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.263 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

Tgt Ion: 96 Resp: 107752
 Ion Ratio Lower Upper
 96 100
 61 130.1 92.6 172.0
 63 99.4 77.4 143.8





#13

Acetone

Concen: 41.755 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

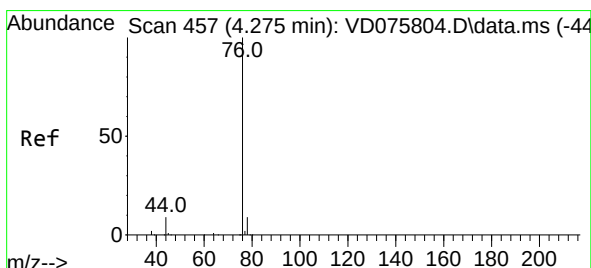
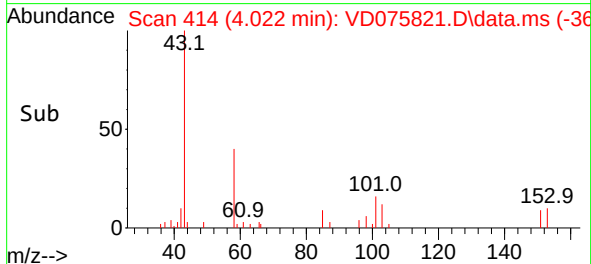
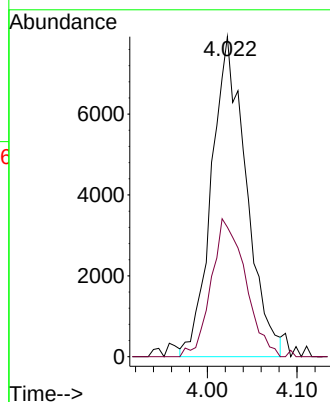
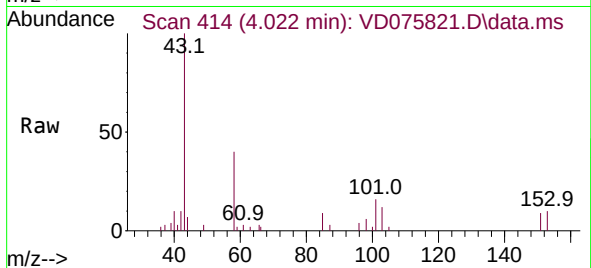
EW925MSD

Tgt Ion: 43 Resp: 21234

Ion Ratio Lower Upper

43 100

58 41.9 0.0 87.4



#14

Carbon disulfide

Concen: 24.502 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075821.D

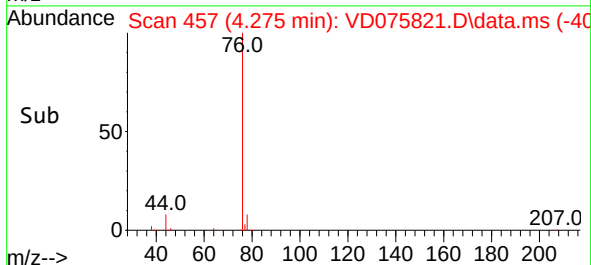
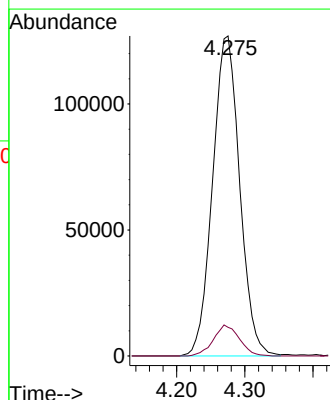
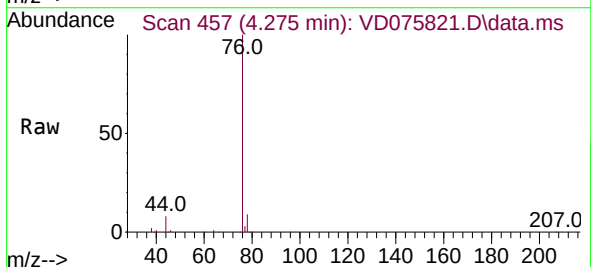
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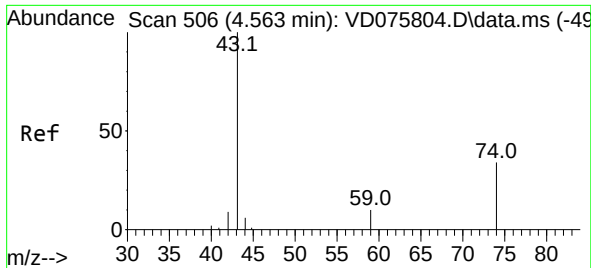
Tgt Ion: 76 Resp: 351119

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6

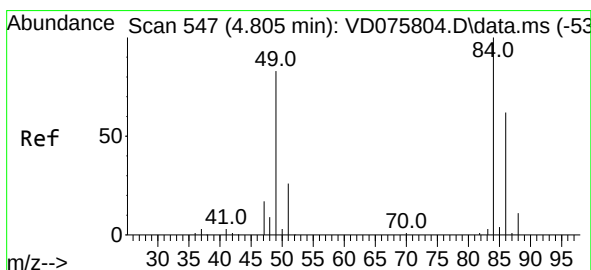
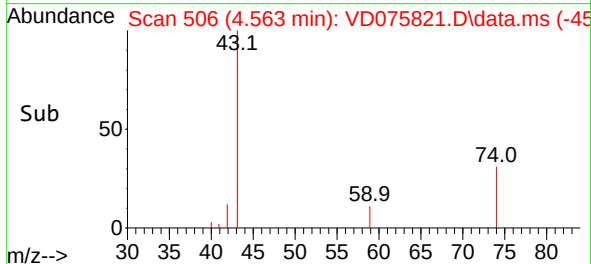
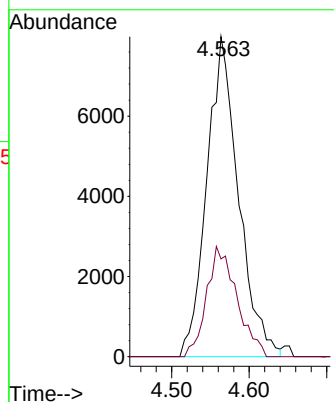
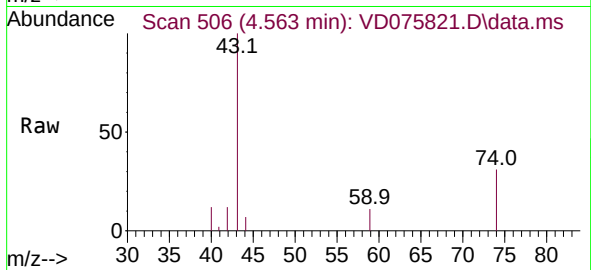




#15
Methyl Acetate
Concen: 20.579 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

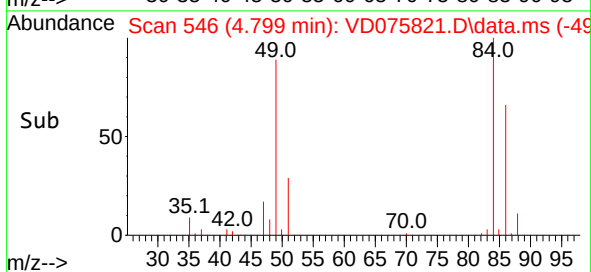
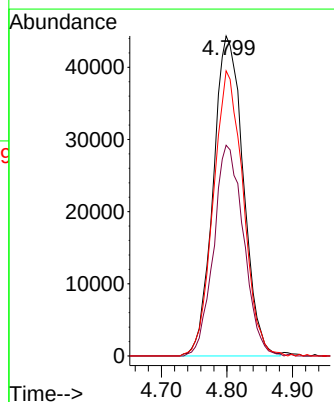
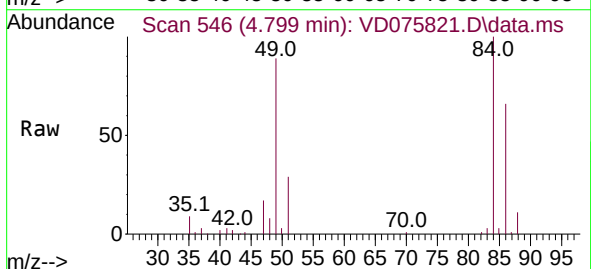
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

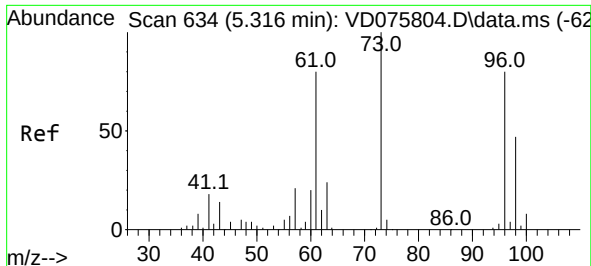
Tgt Ion: 43 Resp: 22680
Ion Ratio Lower Upper
43 100
74 32.9 12.8 19.2#



#16
Methylene chloride
Concen: 22.259 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 84 Resp: 140899
Ion Ratio Lower Upper
84 100
86 65.8 45.8 85.2
49 89.1 60.8 112.8

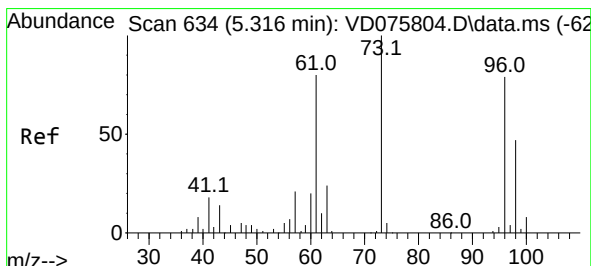
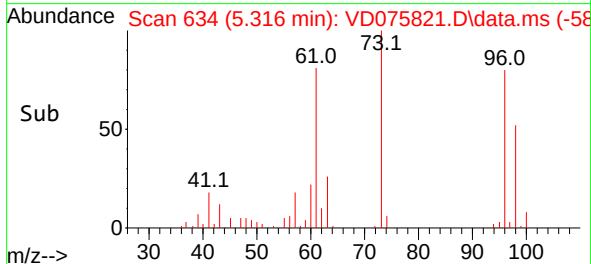
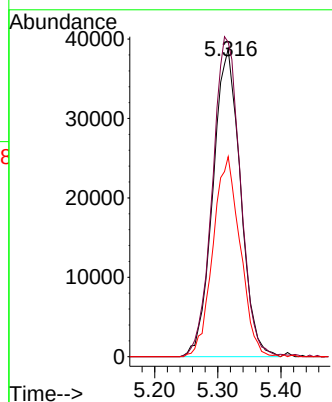
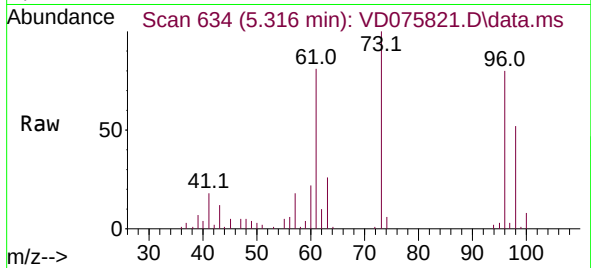




#17
trans-1,2-Dichloroethene
Concen: 25.515 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

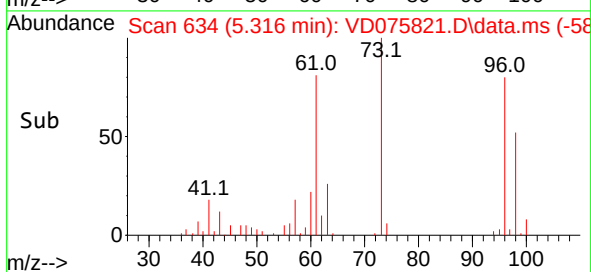
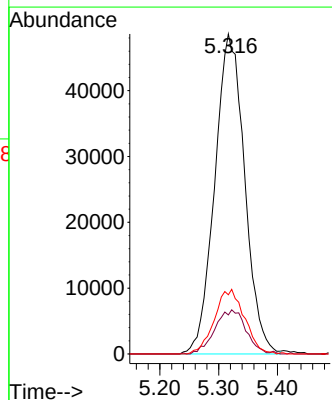
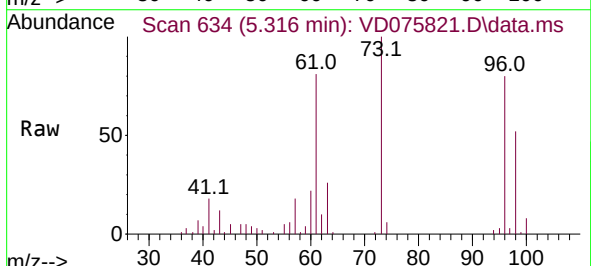
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

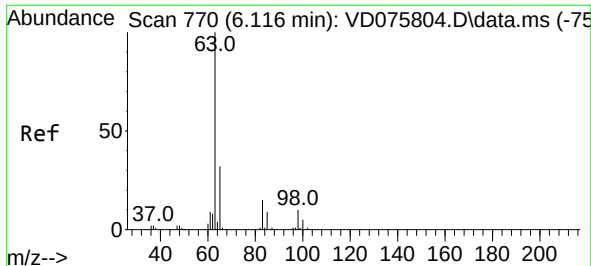
Tgt Ion: 96 Resp: 117381
Ion Ratio Lower Upper
96 100
61 102.2 72.9 135.5
98 65.0 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 23.267 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 73 Resp: 171694
Ion Ratio Lower Upper
73 100
43 14.3 11.3 16.9
57 10.4 16.3 24.5#

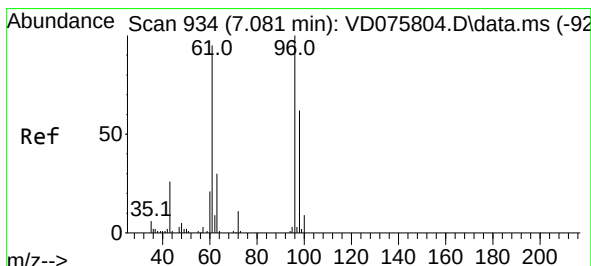
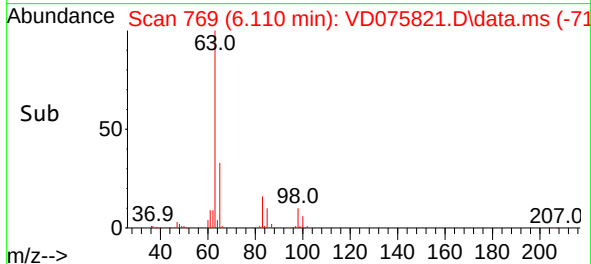
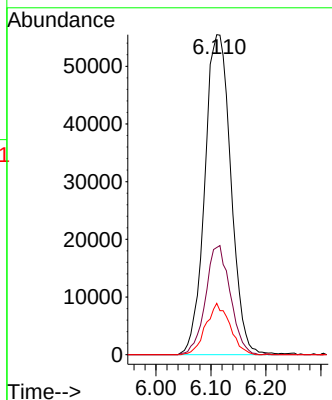
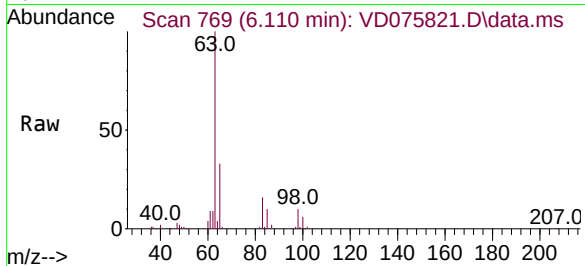




#19
 1,1-Dichloroethane
 Concen: 27.123 ug/L
 RT: 6.110 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

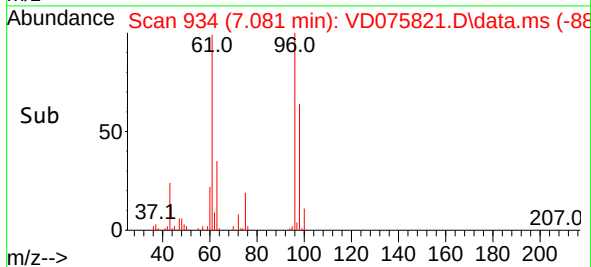
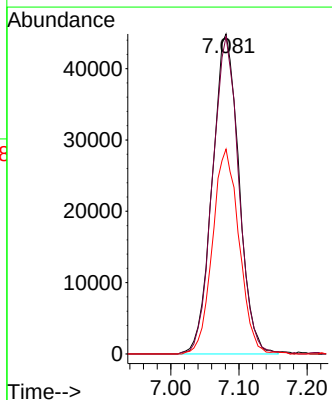
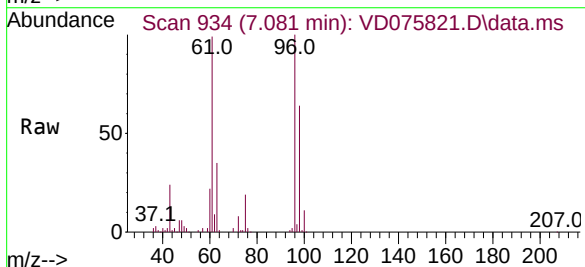
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

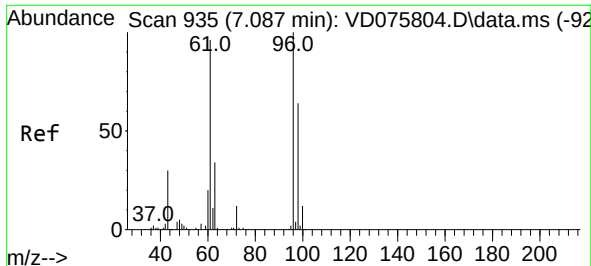
Tgt Ion: 63 Resp: 182794
 Ion Ratio Lower Upper
 63 100
 65 33.5 22.8 42.4
 83 16.1 11.2 20.8



#20
 cis-1,2-Dichloroethene
 Concen: 25.139 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. 0.000 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

Tgt Ion: 96 Resp: 122287
 Ion Ratio Lower Upper
 96 100
 61 99.1 67.5 125.3
 98 64.0 47.5 88.1

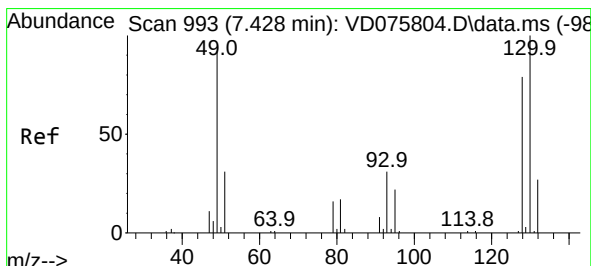
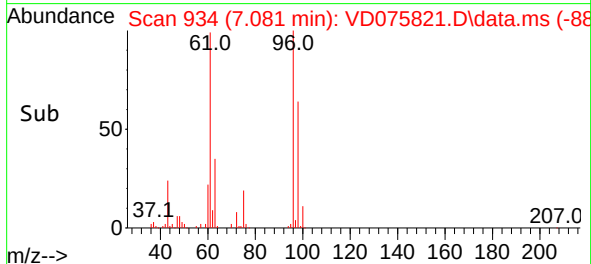
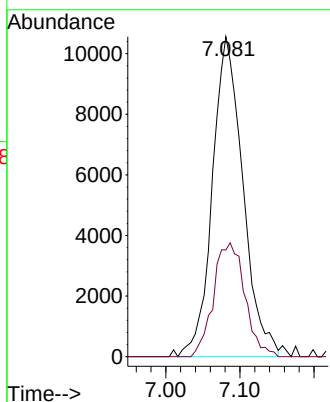
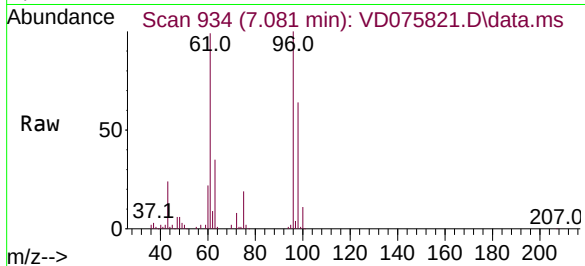




#22
2-Butanone
Concen: 45.570 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

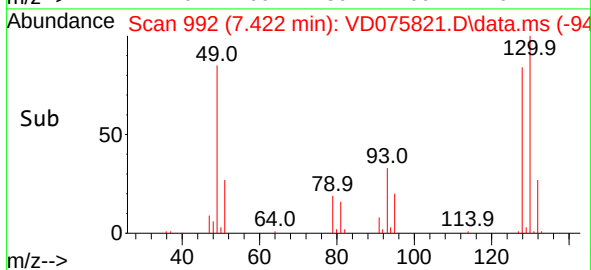
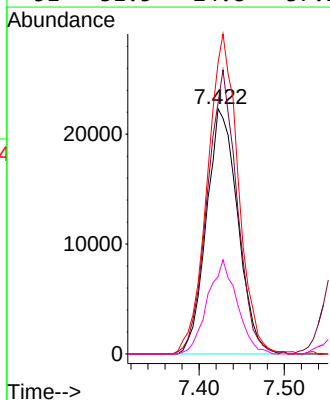
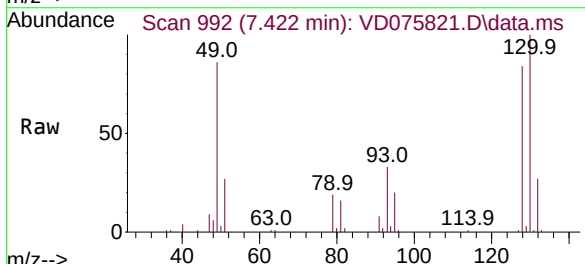
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

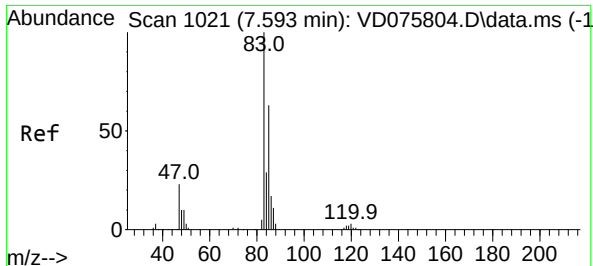
Tgt Ion: 43 Resp: 30212
Ion Ratio Lower Upper
43 100
72 36.5 20.5 61.5



#23
Bromochloromethane
Concen: 25.221 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 128 Resp: 56898
Ion Ratio Lower Upper
128 100
49 102.2 76.4 142.0
130 118.7 93.5 173.7
51 31.5 24.8 37.2





#25

Chloroform

Concen: 25.768 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

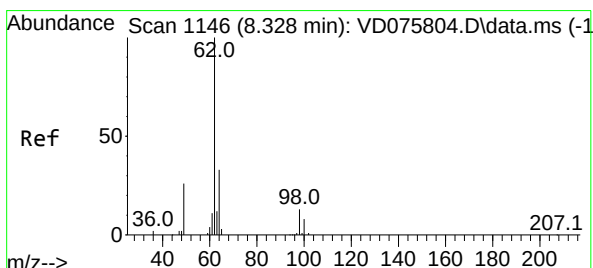
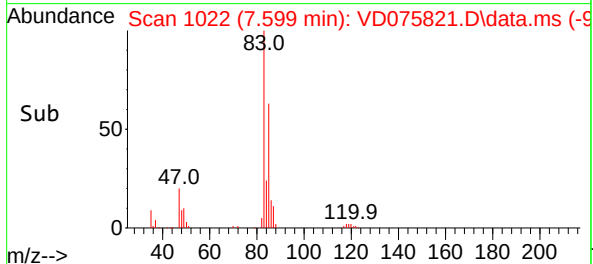
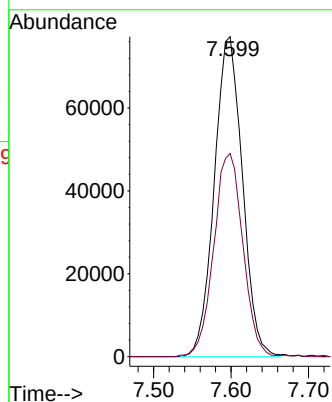
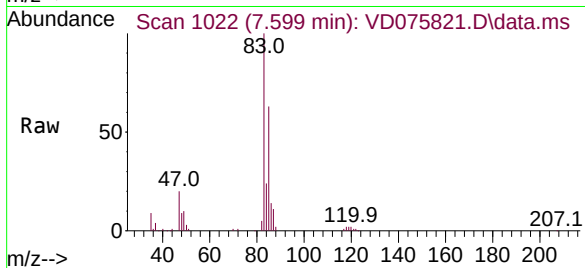
EW925MSD

Tgt Ion: 83 Resp: 194628

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5



#27

1,2-Dichloroethane

Concen: 24.148 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075821.D

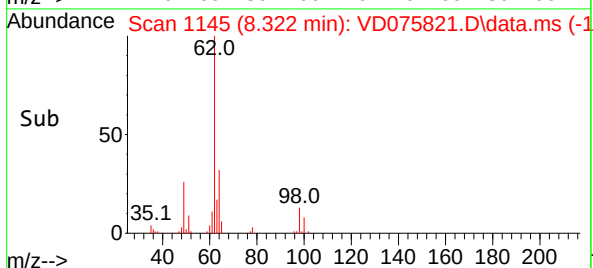
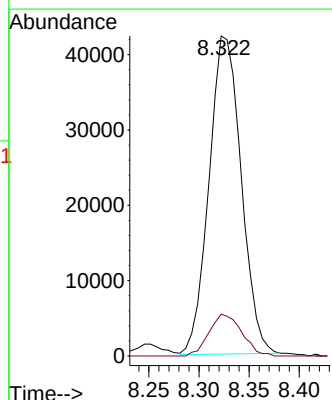
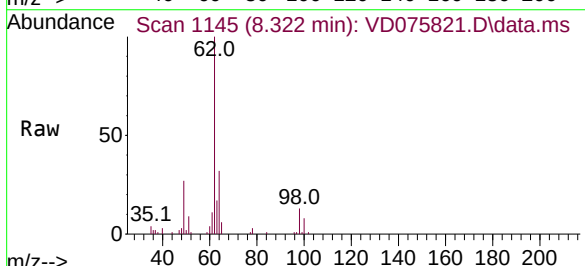
Acq: 25 Apr 2023 19:51

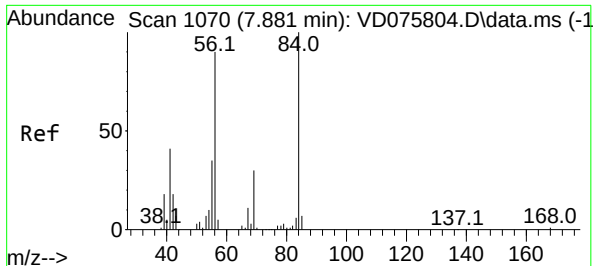
Tgt Ion: 62 Resp: 94149

Ion Ratio Lower Upper

62 100

98 13.0 10.2 15.2

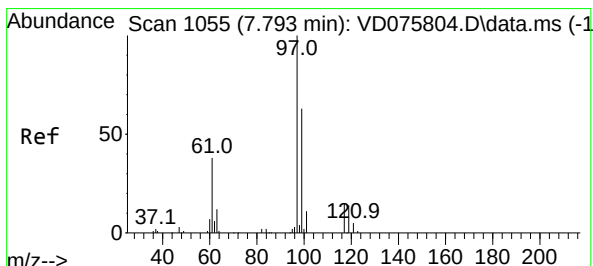
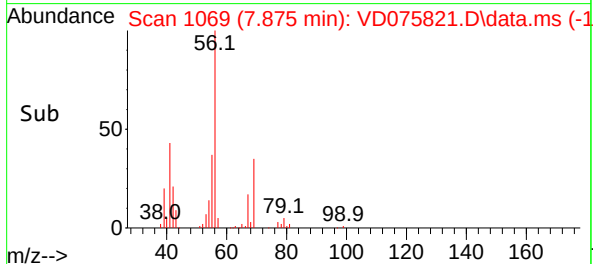
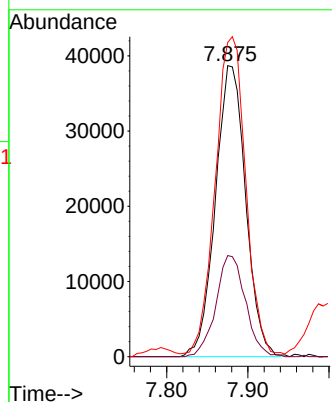
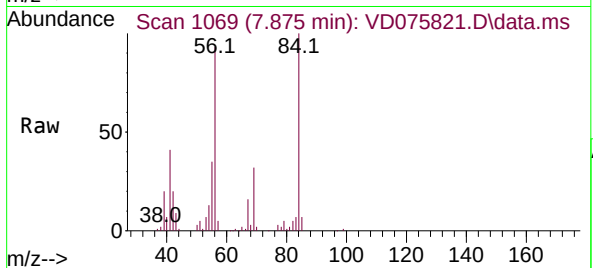




#29
Cyclohexane
Concen: 24.881 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

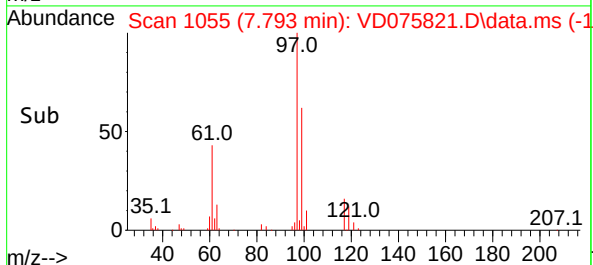
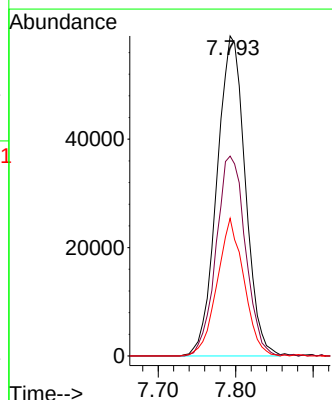
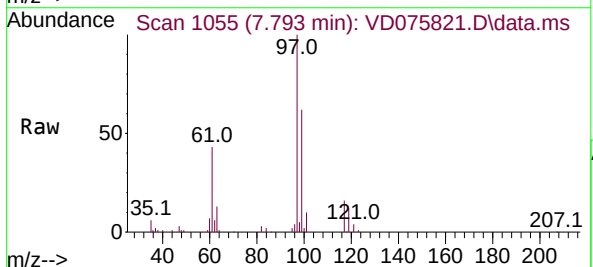
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

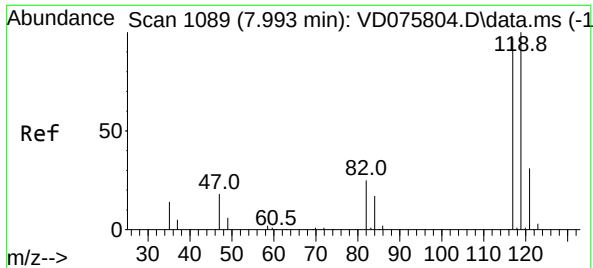
Tgt Ion: 56 Resp: 100192
Ion Ratio Lower Upper
56 100
69 33.8 28.2 42.2
84 110.5 92.4 138.6



#30
1,1,1-Trichloroethane
Concen: 30.237 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 97 Resp: 150483
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 40.6 32.1 48.1

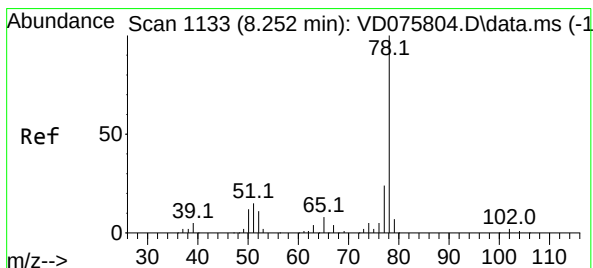
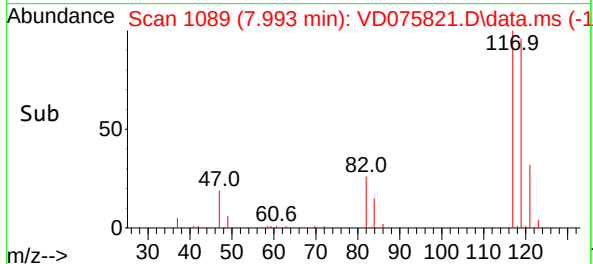
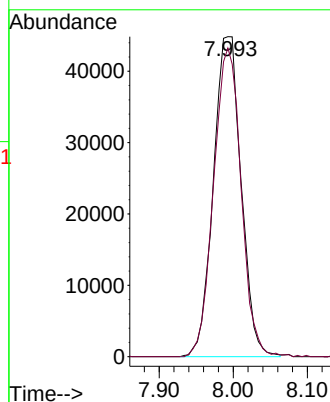
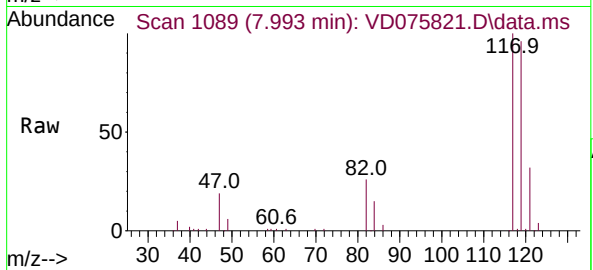




#31
Carbon tetrachloride
Concen: 29.272 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

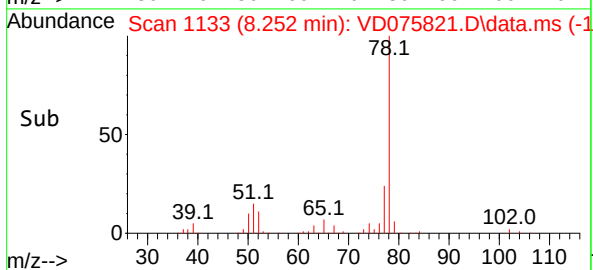
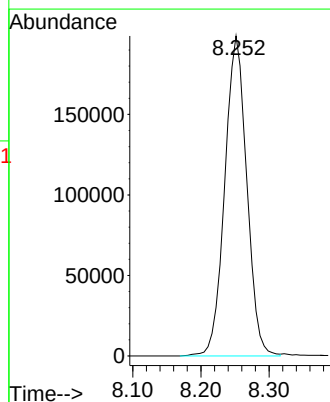
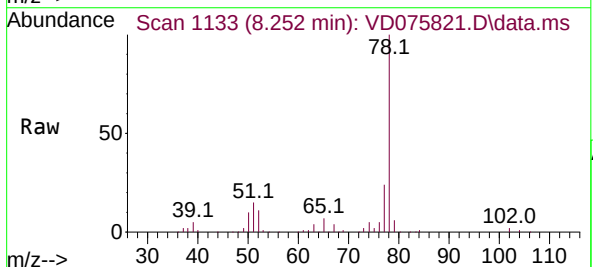
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

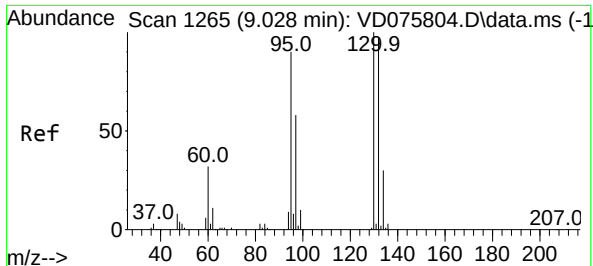
Tgt Ion:117 Resp: 116878
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.4



#33
Benzene
Concen: 31.346 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 78 Resp: 446001

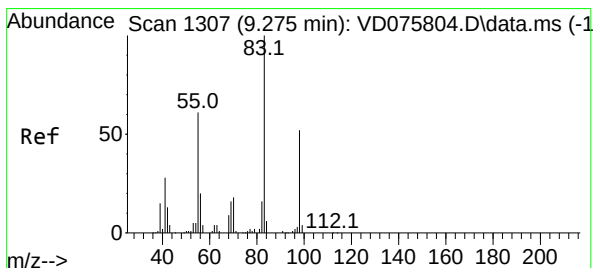
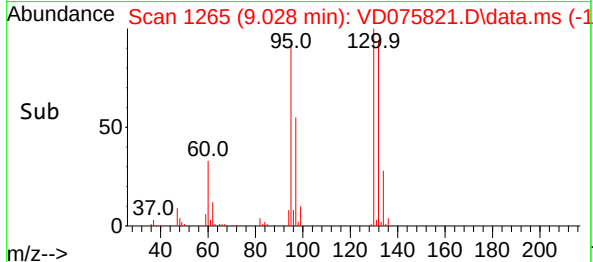
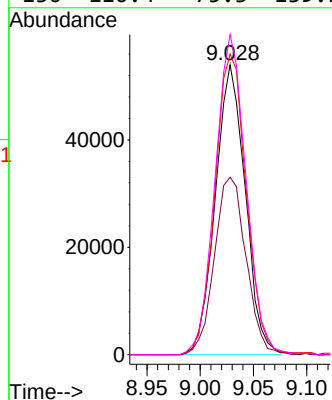
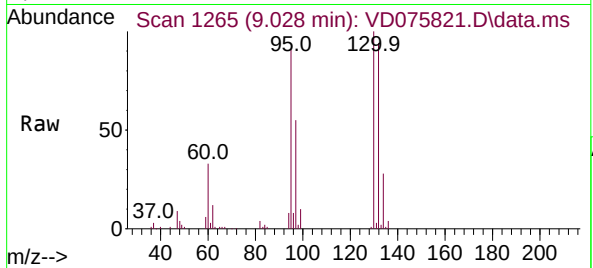




#34
Trichloroethene
Concen: 28.598 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

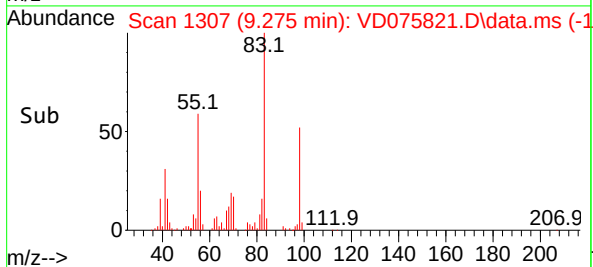
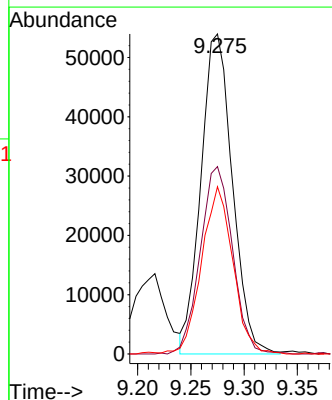
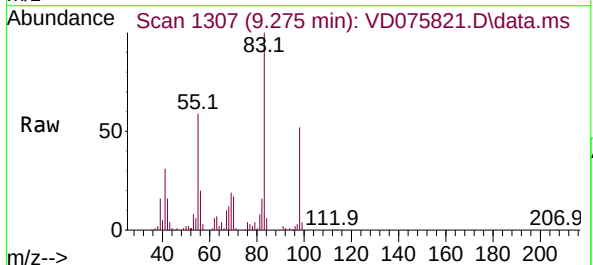
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

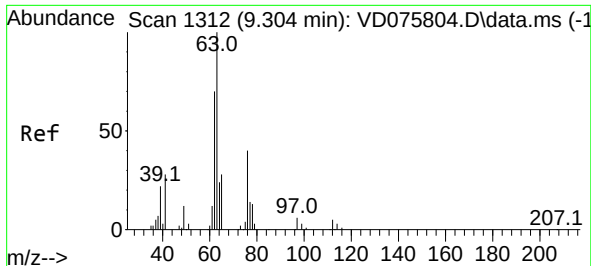
Tgt Ion: 95 Resp: 105229
Ion Ratio Lower Upper
95 100
97 61.2 46.0 85.4
132 103.6 73.3 136.1
130 110.4 75.3 139.9



#35
Methylcyclohexane
Concen: 19.569 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 83 Resp: 111017
Ion Ratio Lower Upper
83 100
55 60.0 48.2 72.2
98 52.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 30.845 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

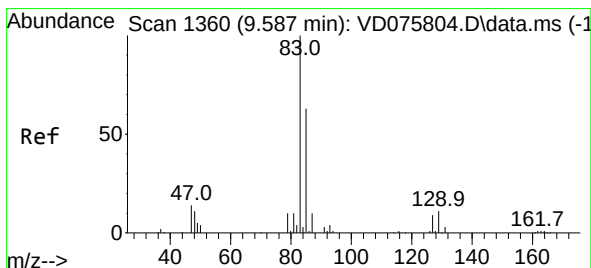
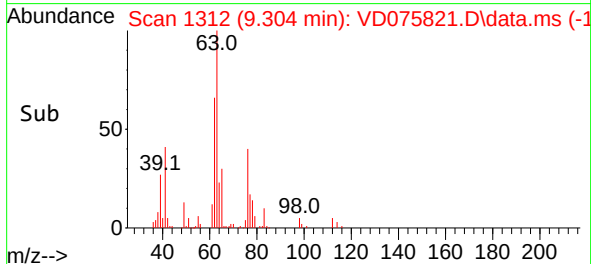
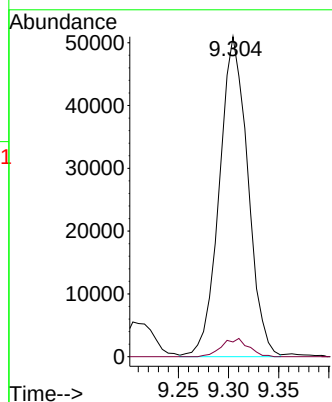
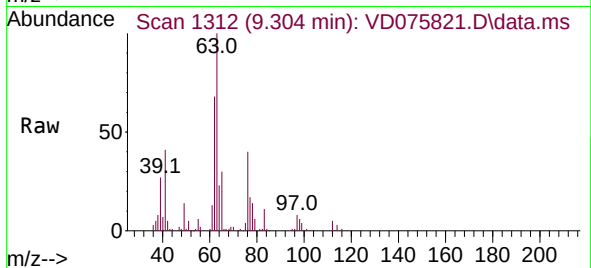
EW925MSD

Tgt Ion: 63 Resp: 100814

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 29.383 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

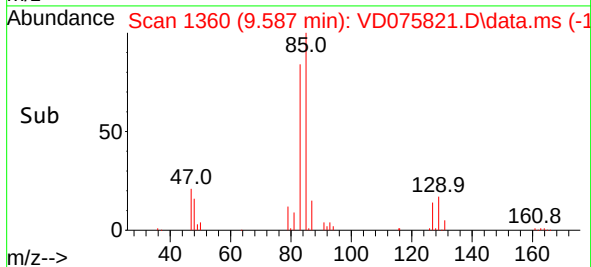
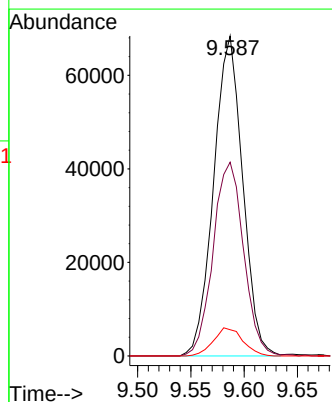
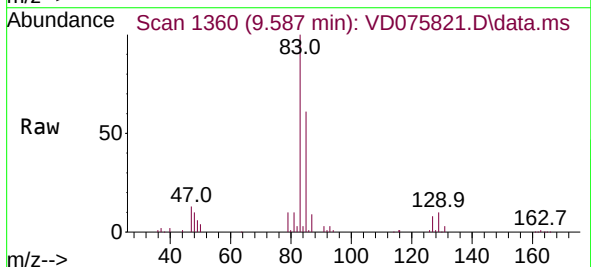
Tgt Ion: 83 Resp: 129491

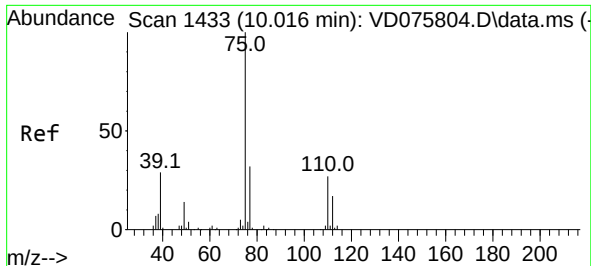
Ion Ratio Lower Upper

83 100

85 60.5 44.2 82.2

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.188 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

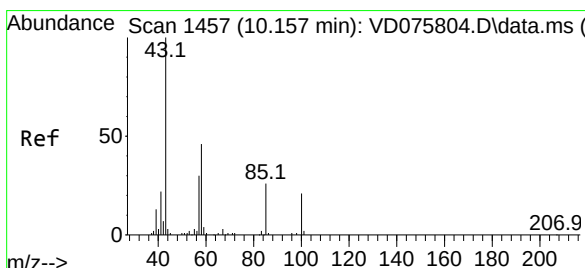
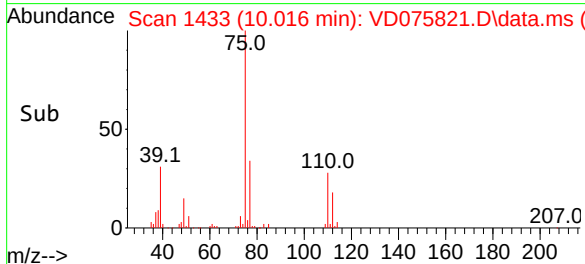
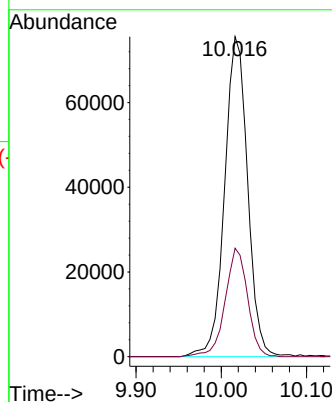
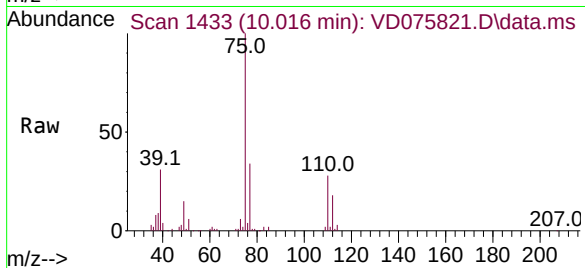
EW925MSD

Tgt Ion: 75 Resp: 141321

Ion Ratio Lower Upper

75 100

77 33.9 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 49.484 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

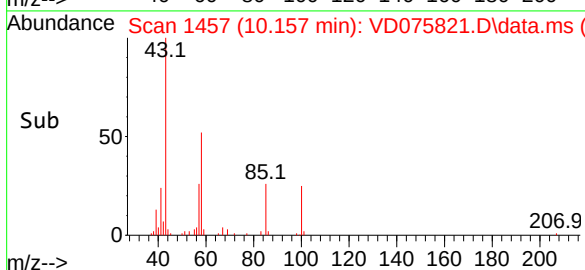
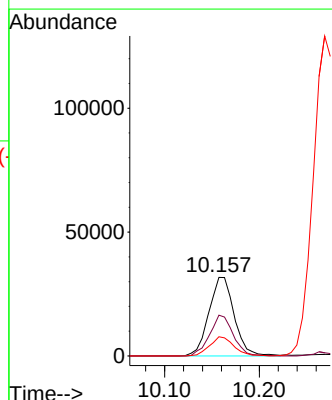
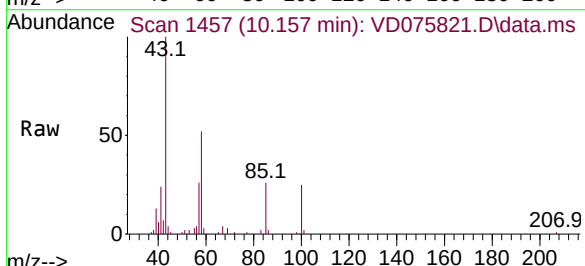
Tgt Ion: 43 Resp: 58967

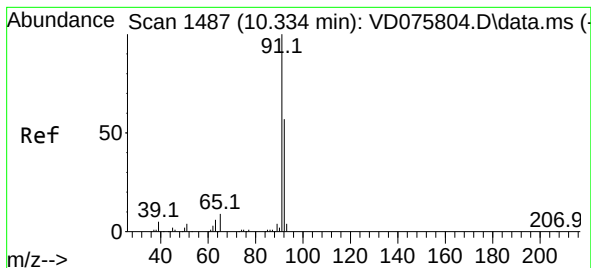
Ion Ratio Lower Upper

43 100

58 48.1 39.1 58.7

100 23.0 19.4 29.0





#42

Toluene

Concen: 29.578 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

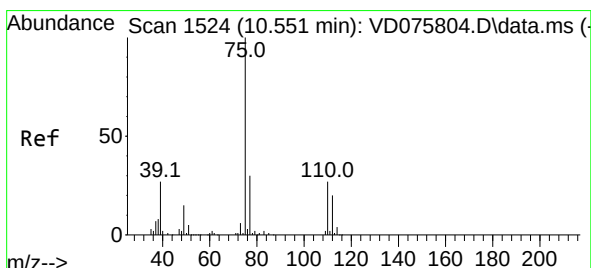
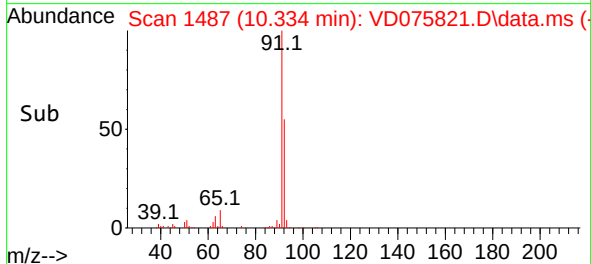
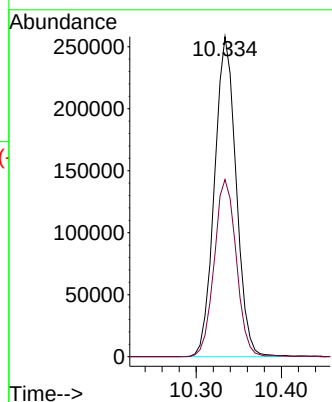
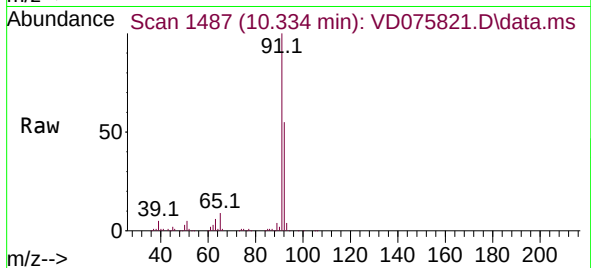
EW925MSD

Tgt Ion: 91 Resp: 455421

Ion Ratio Lower Upper

91 100

92 55.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 26.541 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD075821.D

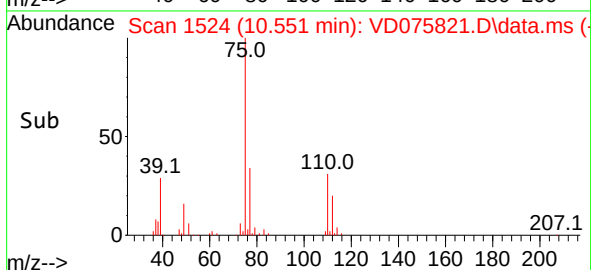
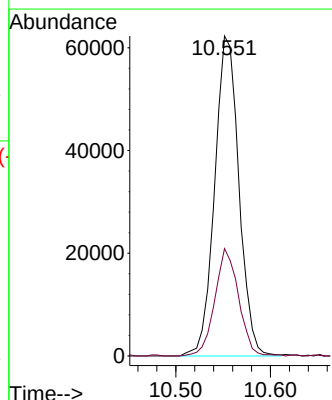
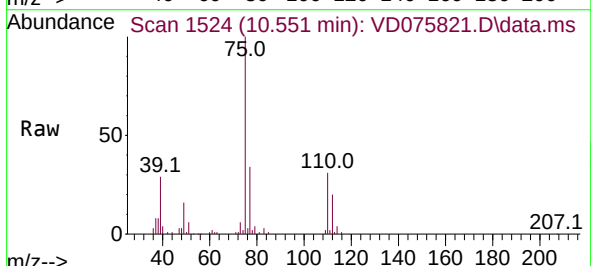
Acq: 25 Apr 2023 19:51

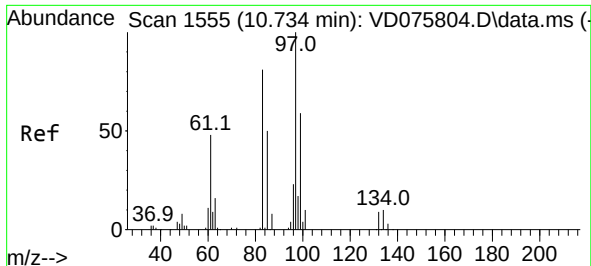
Tgt Ion: 75 Resp: 110824

Ion Ratio Lower Upper

75 100

77 33.6 22.0 41.0

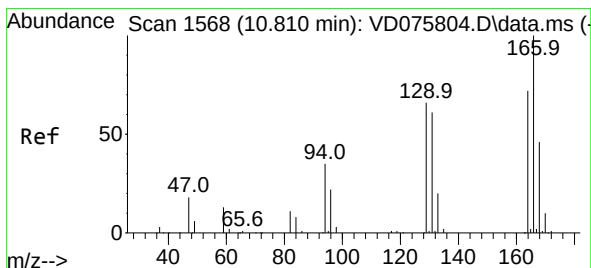
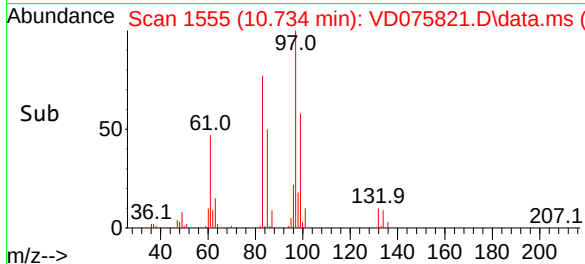
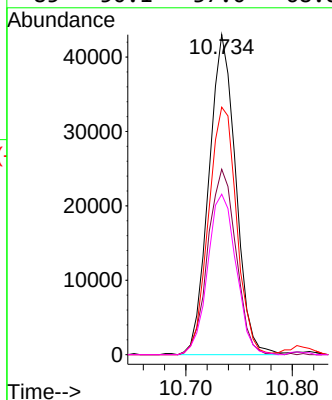
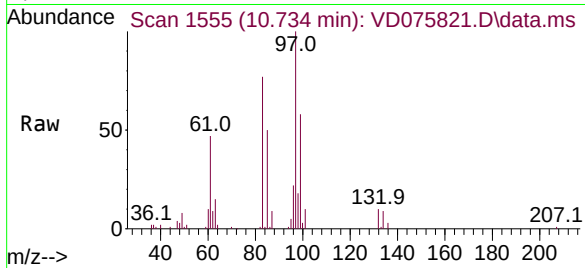




#45
1,1,2-Trichloroethane
Concen: 27.188 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

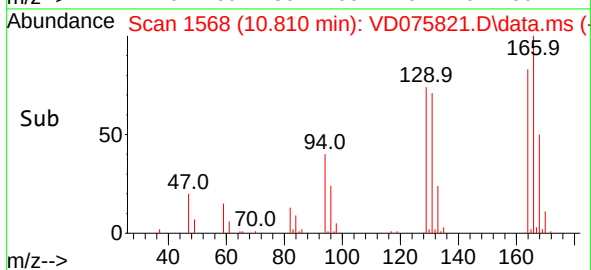
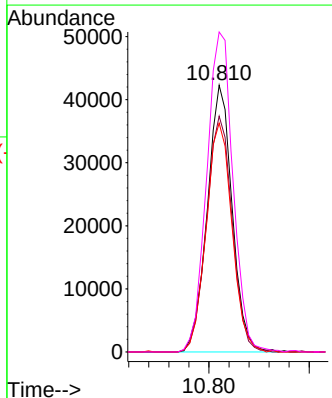
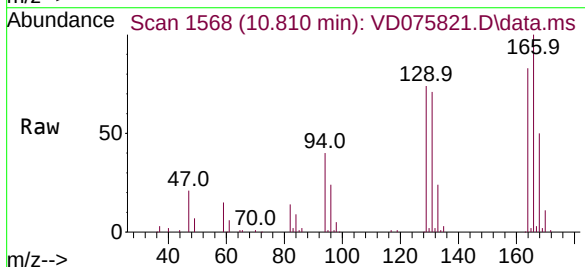
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

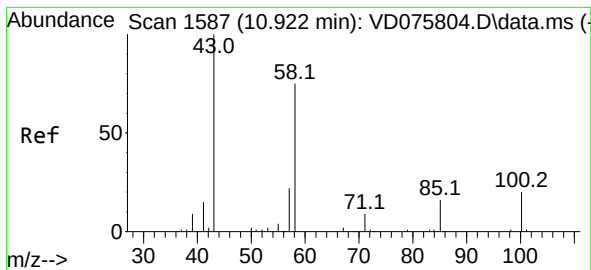
Tgt Ion: 97	Resp: 75597
Ion Ratio	Lower Upper
97 100	
99 58.0	42.2 78.4
83 77.4	54.8 101.8
85 50.1	37.0 68.8



#46
Tetrachloroethene
Concen: 24.242 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt	Ion:164	Resp:	73163
Ion	Ratio	Lower	Upper
164	100		
129	88.4	60.3	112.1
131	85.8	58.9	109.3
166	120.0	83.0	154.1





#48

2-Hexanone

Concen: 49.608 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

Tgt Ion: 43 Resp: 41675

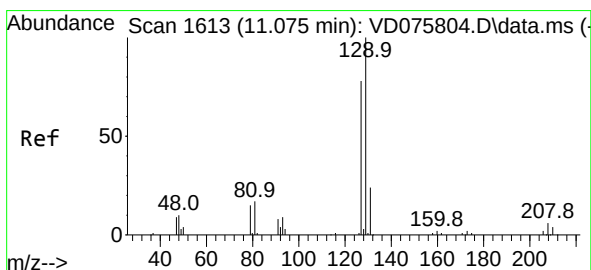
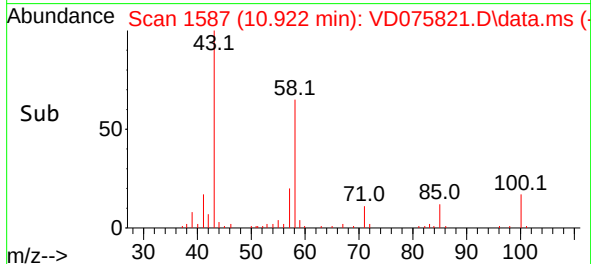
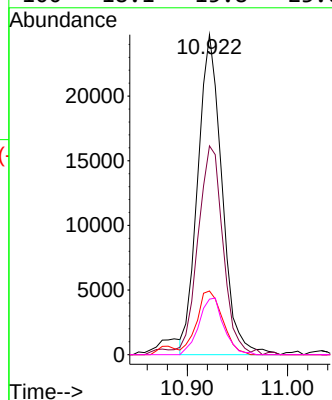
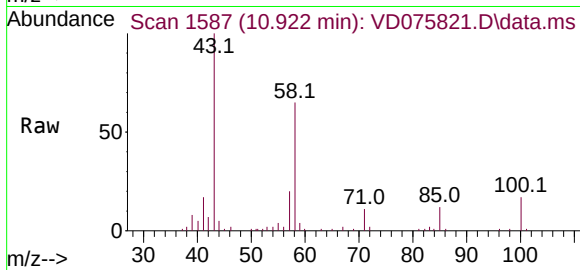
Ion Ratio Lower Upper

43 100

58 67.0 59.7 89.5

57 21.3 17.9 26.9

100 18.1 15.8 23.6



#49

Dibromochloromethane

Concen: 26.912 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075821.D

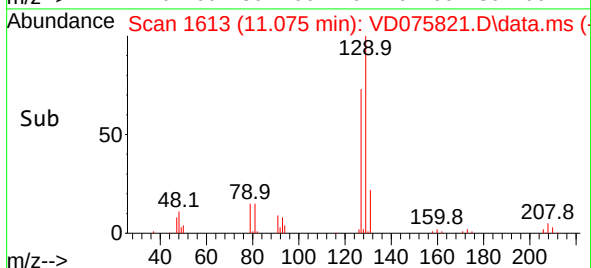
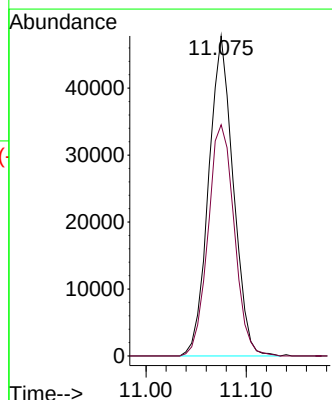
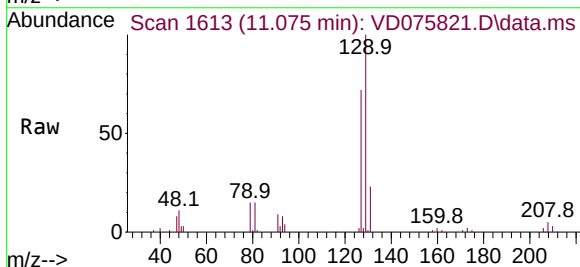
Acq: 25 Apr 2023 19:51

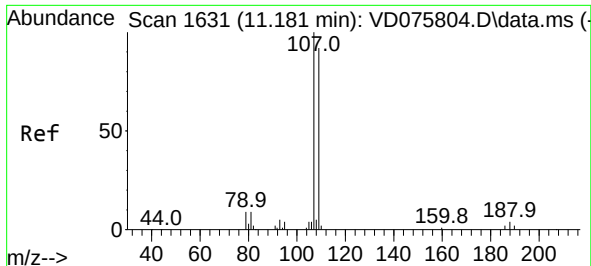
Tgt Ion: 129 Resp: 81464

Ion Ratio Lower Upper

129 100

127 72.2 55.6 103.4

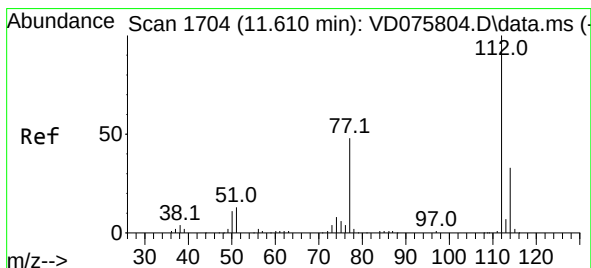
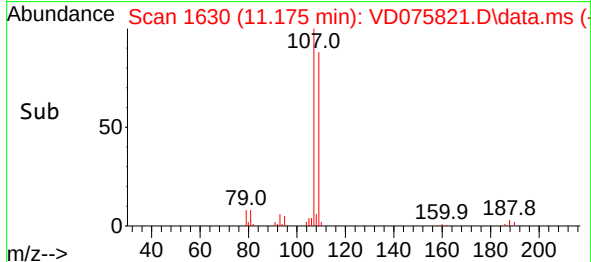
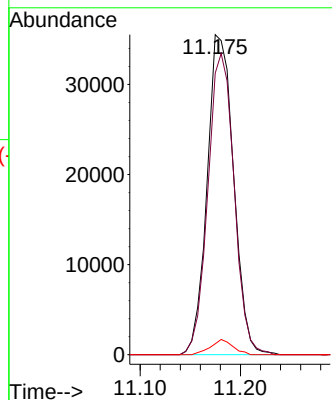
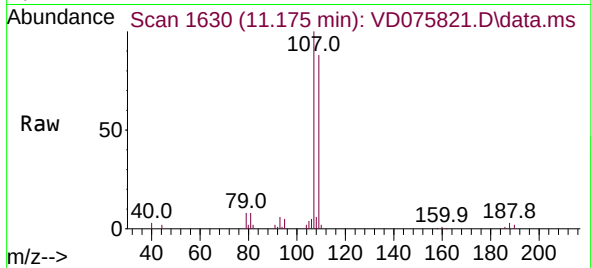




#50
1,2-Dibromoethane
Concen: 26.058 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

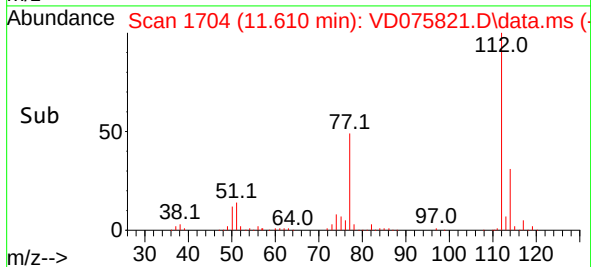
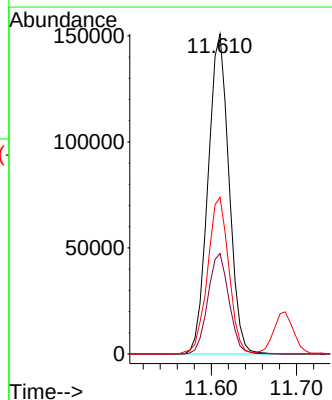
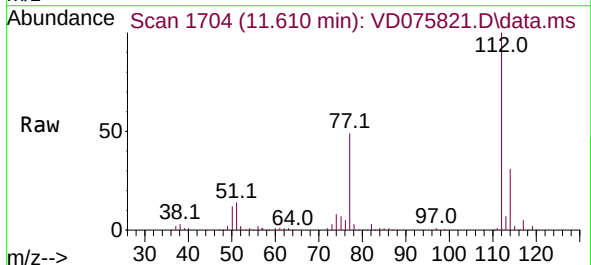
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

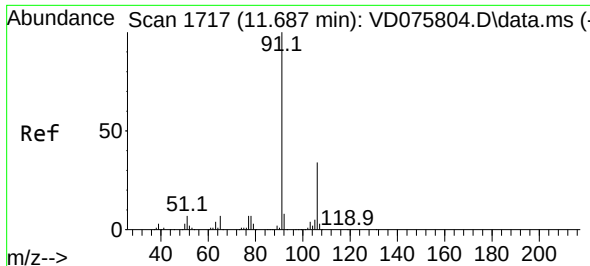
Tgt Ion:107 Resp: 65323
Ion Ratio Lower Upper
107 100
109 88.0 67.6 125.6
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 25.567 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion:112 Resp: 257534
Ion Ratio Lower Upper
112 100
114 31.4 23.0 42.8
77 48.9 39.7 59.5

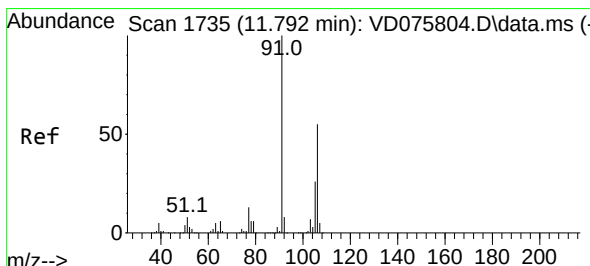
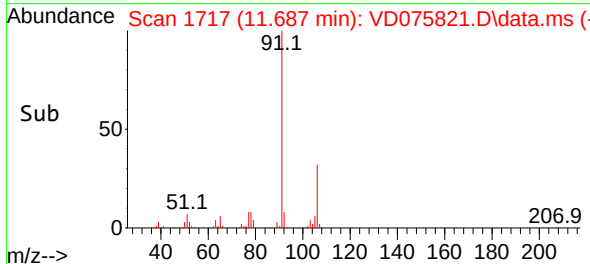
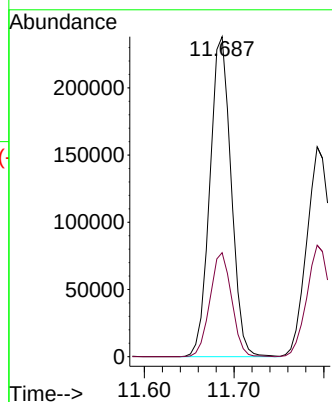
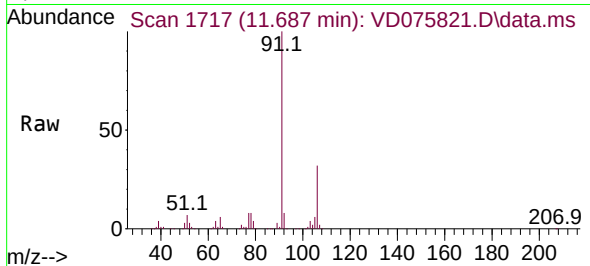




#52
Ethylbenzene
Concen: 24.832 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

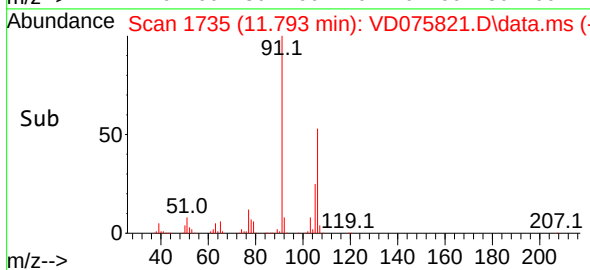
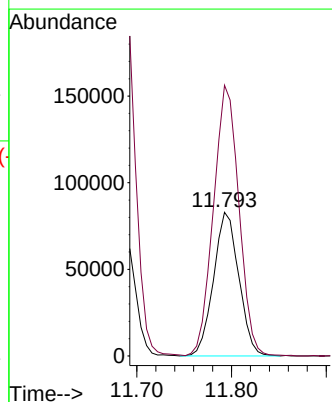
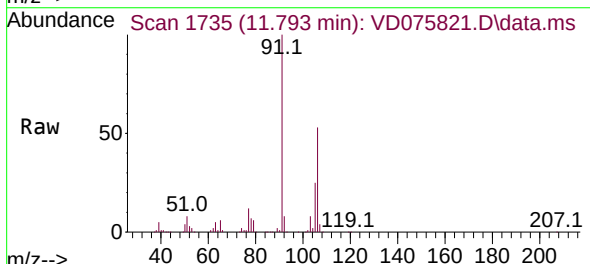
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

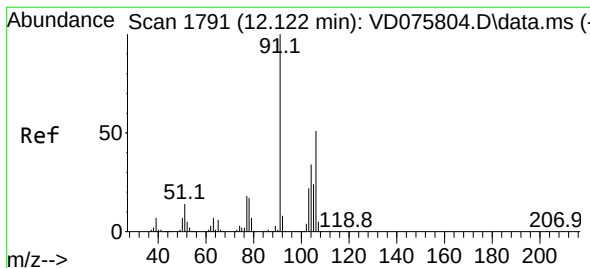
Tgt Ion: 91 Resp: 392071
Ion Ratio Lower Upper
91 100
106 32.5 23.7 43.9



#53
m,p-Xylene
Concen: 24.474 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 106 Resp: 153869
Ion Ratio Lower Upper
106 100
91 188.3 130.9 243.1





#54

o-Xylene

Concen: 24.585 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

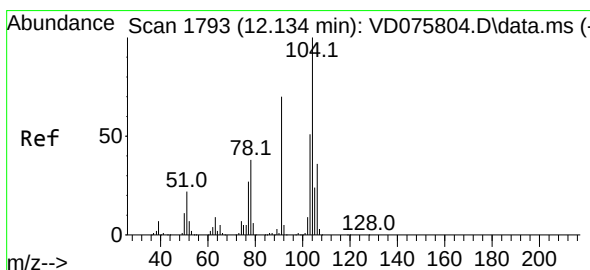
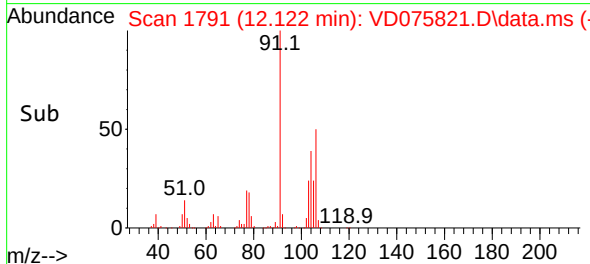
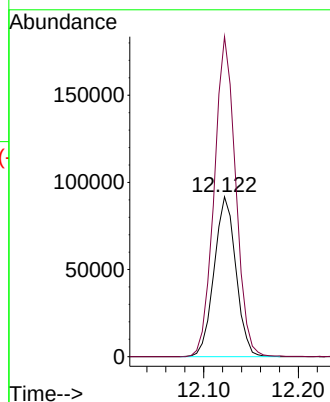
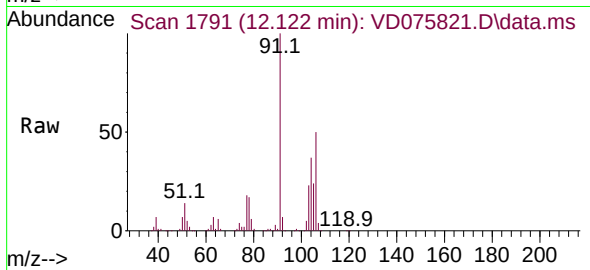
EW925MSD

Tgt Ion:106 Resp: 146812

Ion Ratio Lower Upper

106 100

91 200.1 139.8 259.6



#55

Styrene

Concen: 24.783 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD075821.D

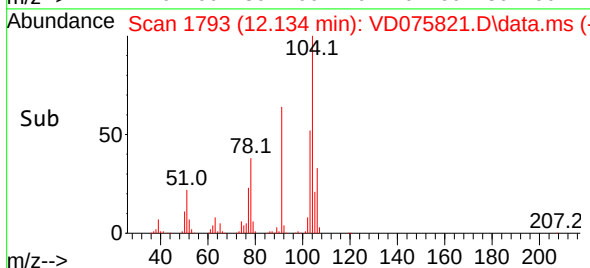
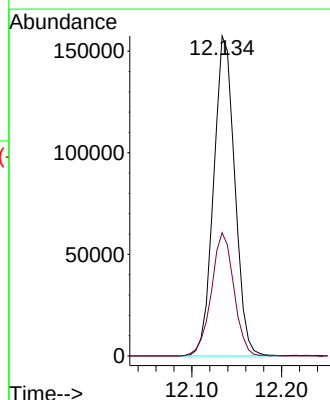
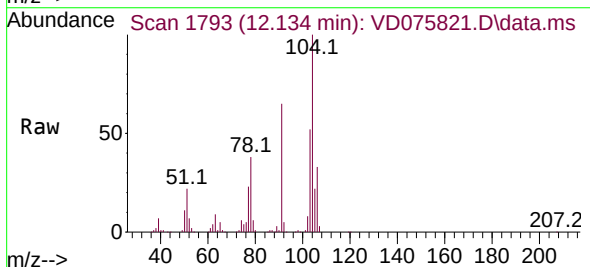
Acq: 25 Apr 2023 19:51

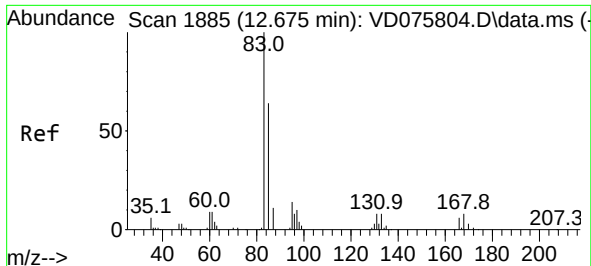
Tgt Ion:104 Resp: 257580

Ion Ratio Lower Upper

104 100

78 38.5 26.2 48.6

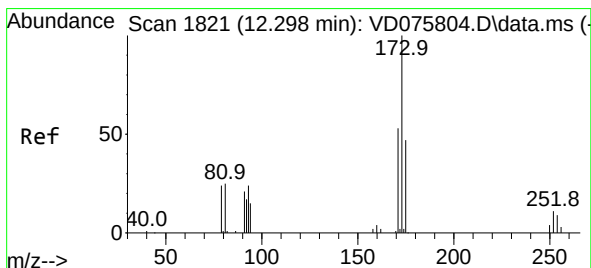
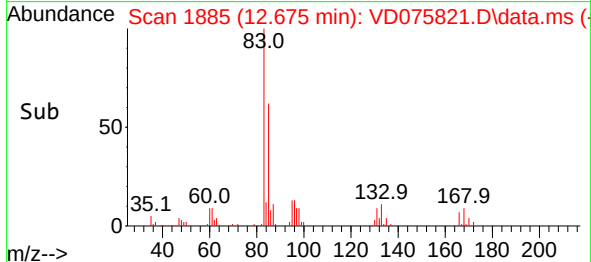
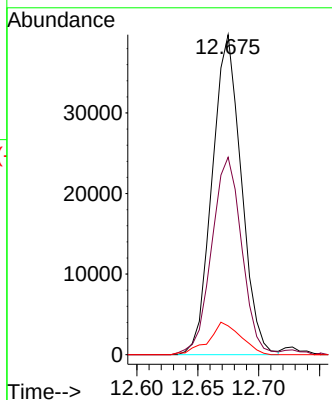
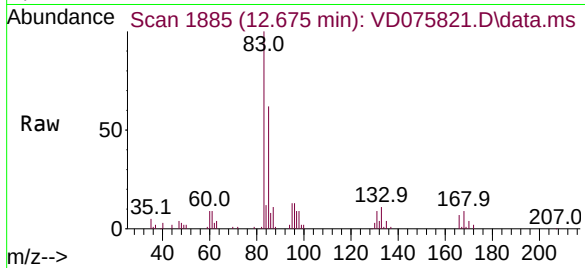




#57
1,1,2,2-Tetrachloroethane
Concen: 23.323 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

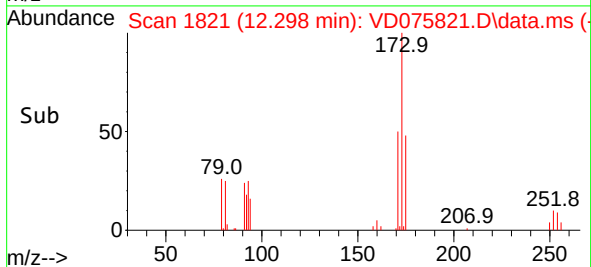
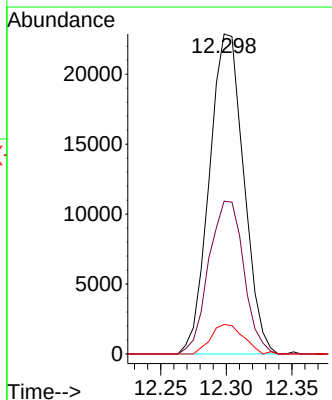
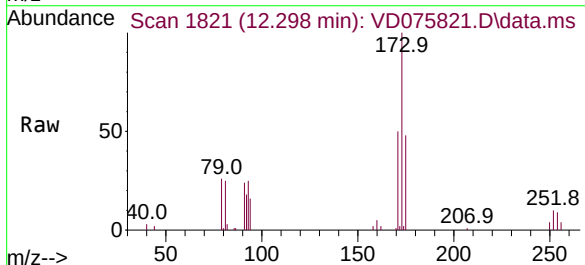
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

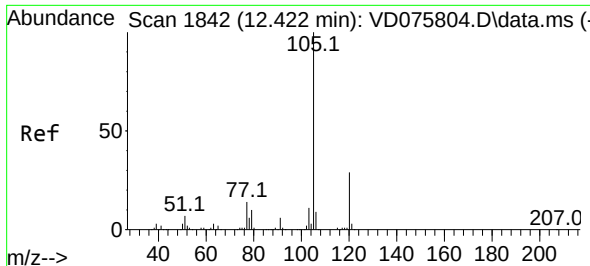
Tgt Ion: 83 Resp: 65984
Ion Ratio Lower Upper
83 100
85 61.7 45.1 83.7
131 9.0 7.0 10.6



#59
Bromoform
Concen: 34.400 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 173 Resp: 41712
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 8.7 7.4 11.2

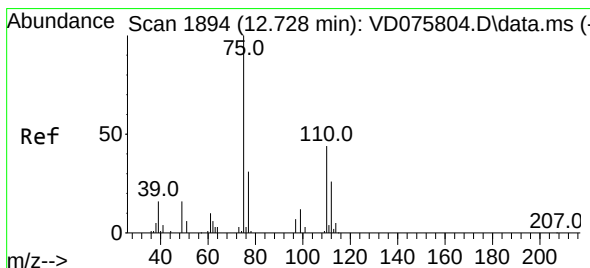
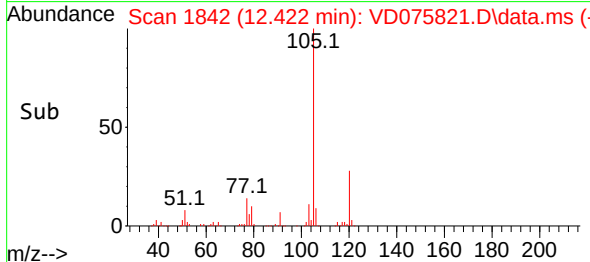
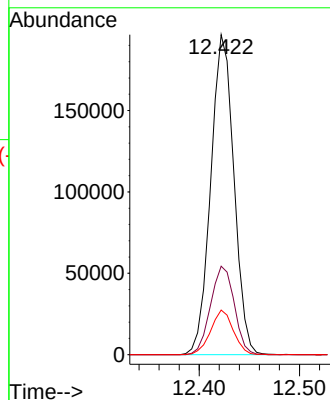
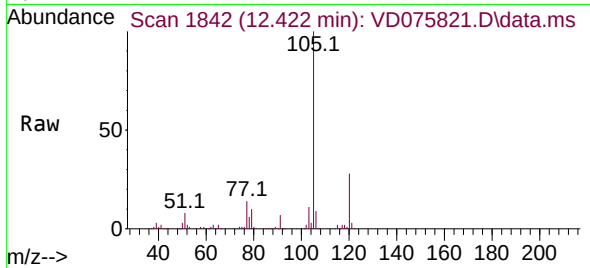




#60
Isopropylbenzene
Concen: 30.032 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

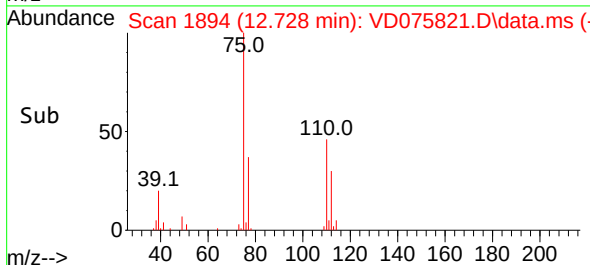
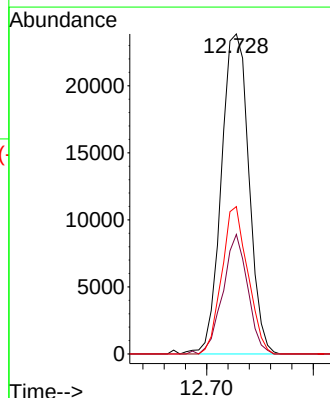
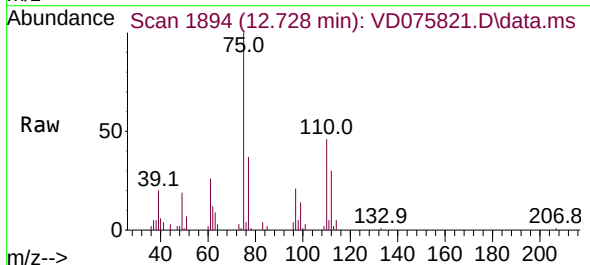
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

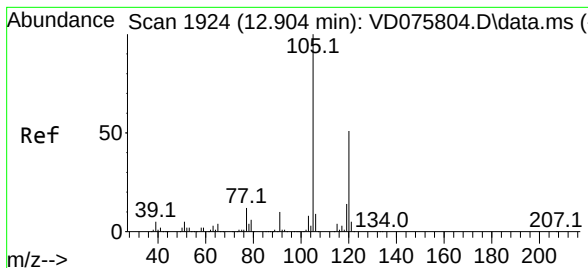
Tgt Ion:105 Resp: 315063
Ion Ratio Lower Upper
105 100
120 28.3 22.7 34.1
77 13.7 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 34.489 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion: 75 Resp: 42865
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 43.4 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 25.584 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

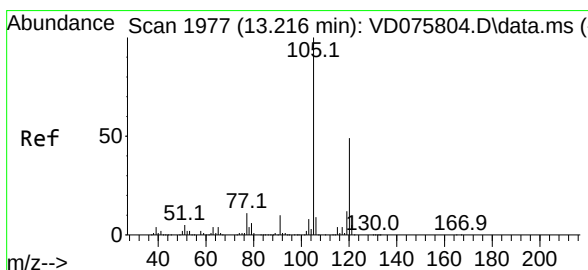
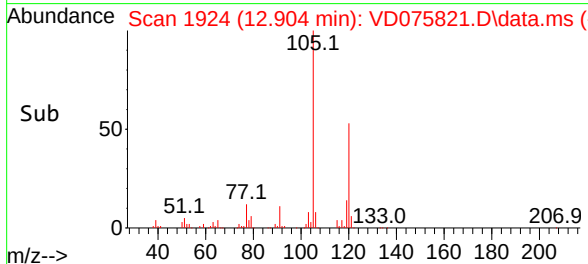
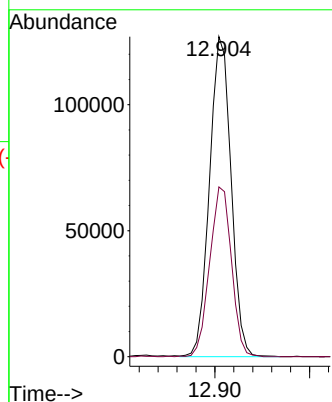
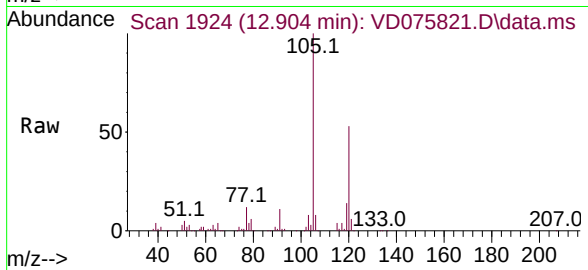
EW925MSD

Tgt Ion:105 Resp: 200137

Ion Ratio Lower Upper

105 100

120 53.6 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 25.789 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075821.D

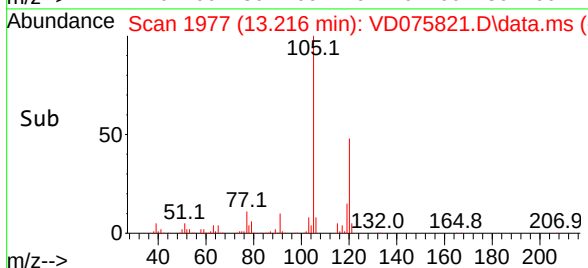
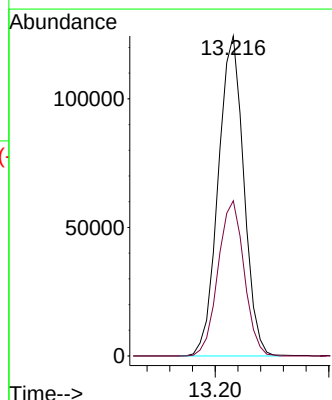
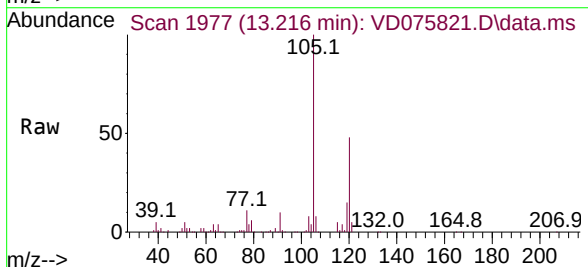
Acq: 25 Apr 2023 19:51

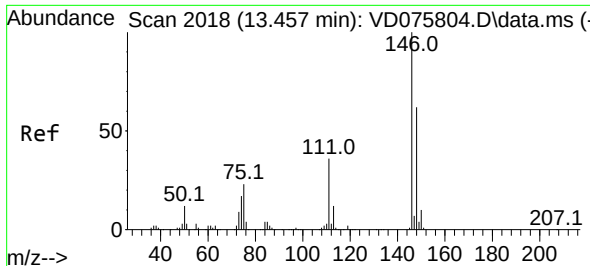
Tgt Ion:105 Resp: 194471

Ion Ratio Lower Upper

105 100

120 49.3 39.0 58.6

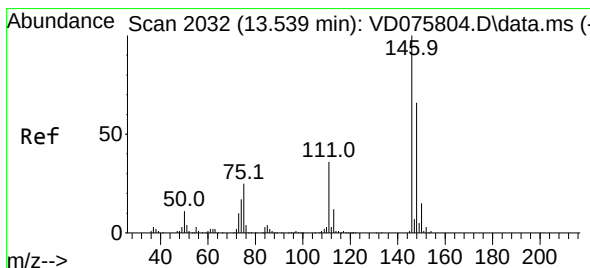
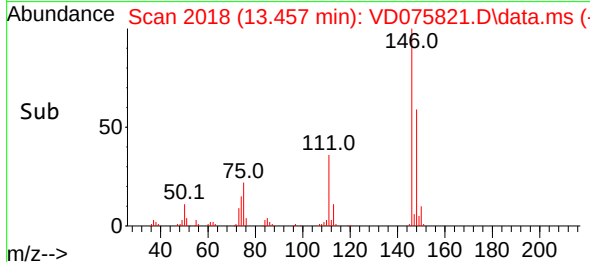
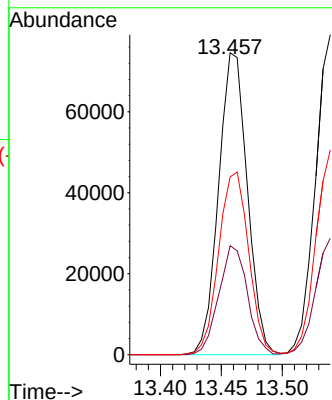
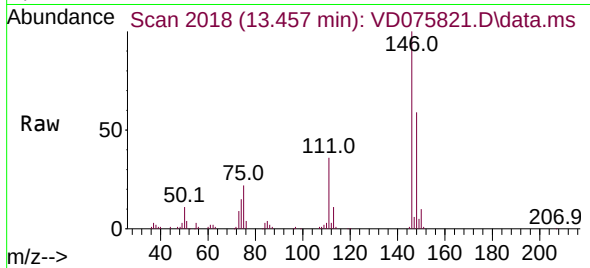




#64
1,3-Dichlorobenzene
Concen: 24.476 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

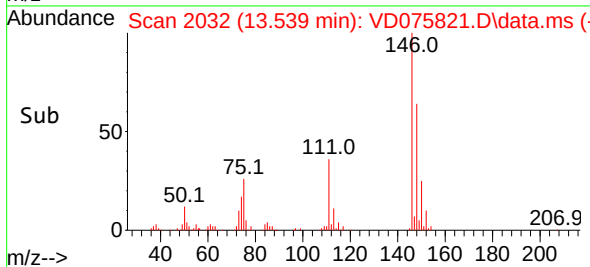
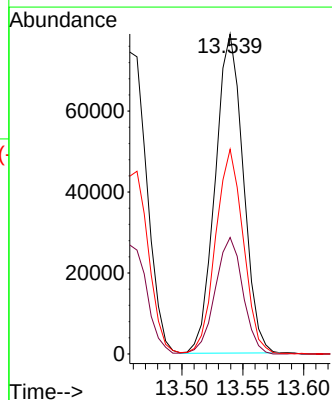
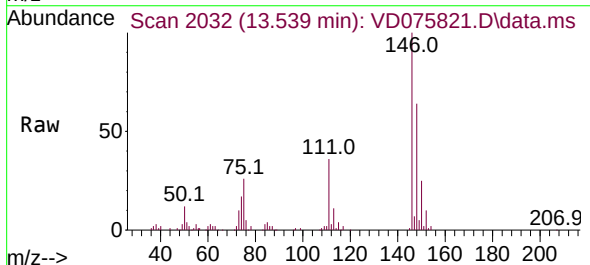
Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

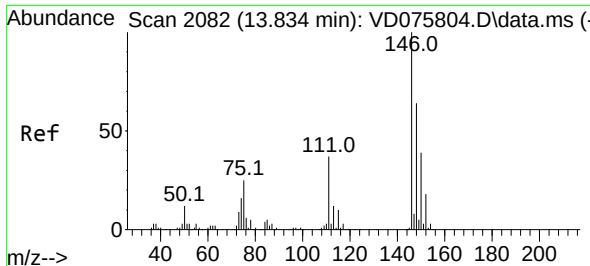
Tgt Ion:146 Resp: 122857
Ion Ratio Lower Upper
146 100
111 36.1 26.5 49.1
148 58.9 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.963 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion:146 Resp: 126241
Ion Ratio Lower Upper
146 100
111 36.4 24.6 45.8
148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.036 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

Instrument :

MSVOA_D

ClientSampleId :

EW925MSD

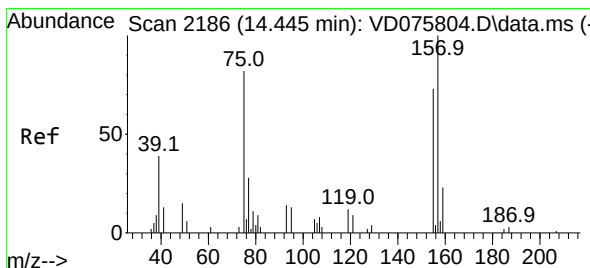
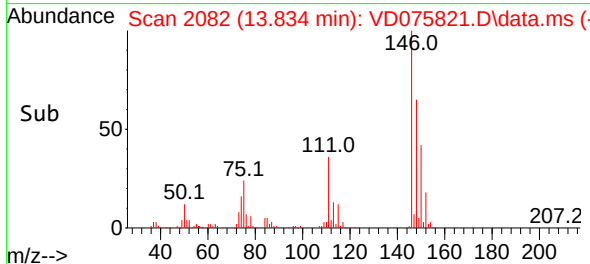
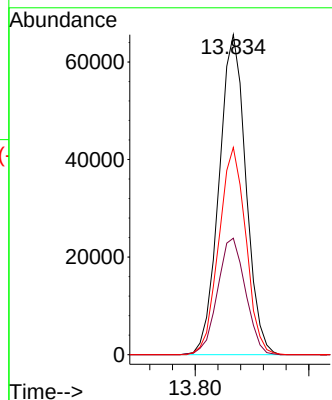
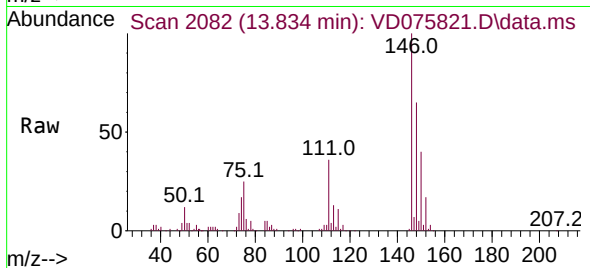
Tgt Ion:146 Resp: 107742

Ion Ratio Lower Upper

146 100

111 36.4 30.6 46.0

148 64.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 29.135 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075821.D

Acq: 25 Apr 2023 19:51

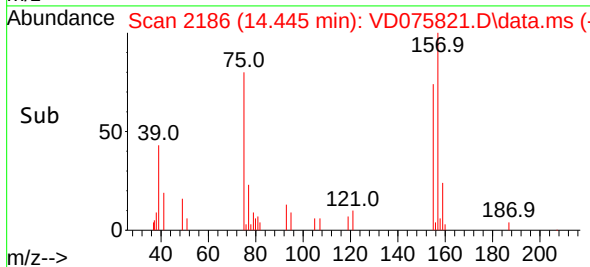
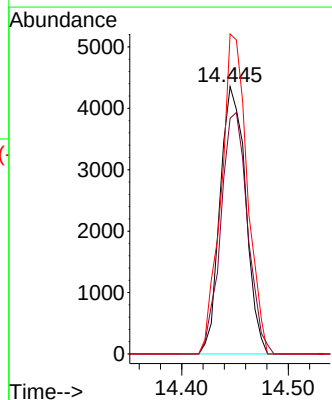
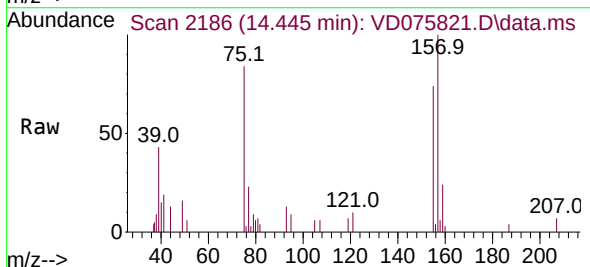
Tgt Ion: 75 Resp: 7239

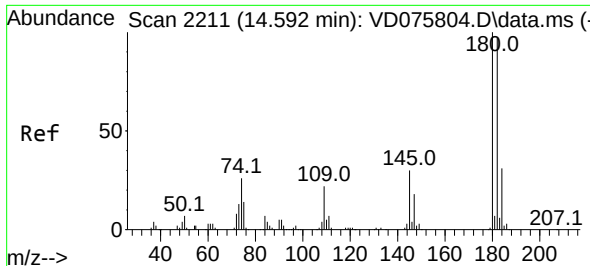
Ion Ratio Lower Upper

75 100

155 88.2 74.6 111.8

157 119.7 109.4 164.2

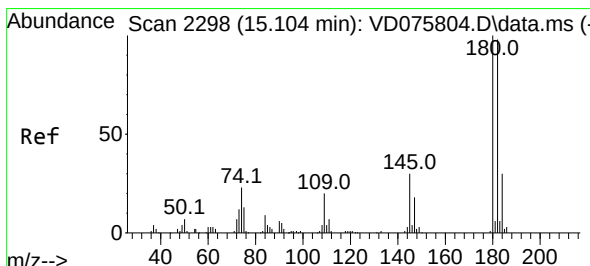
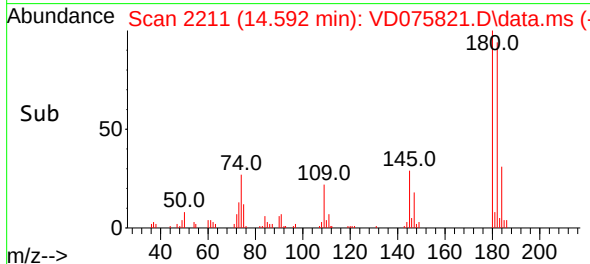
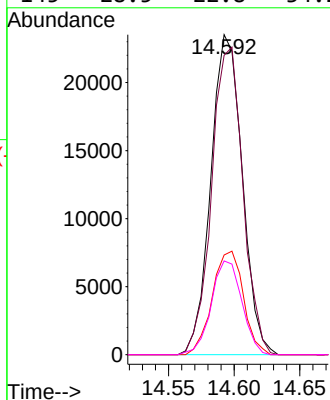
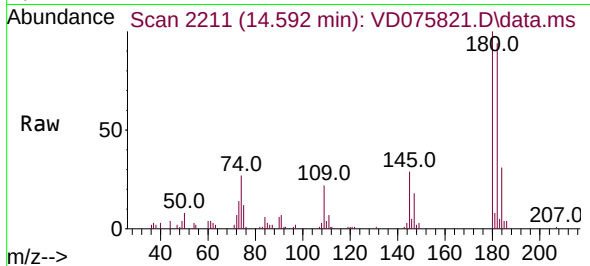




#69
 1,3,5-Trichlorobenzene
 Concen: 11.652 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

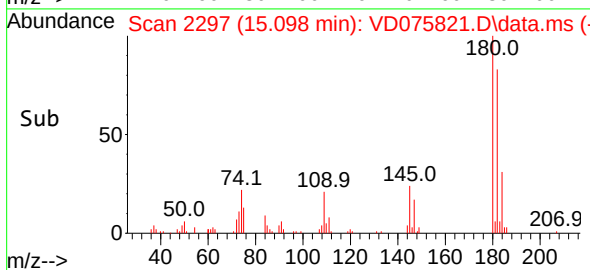
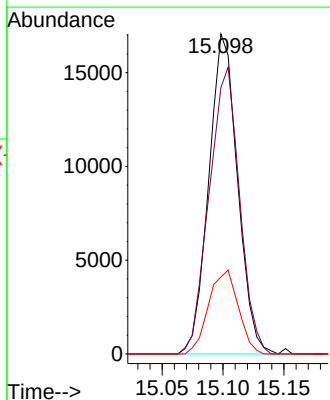
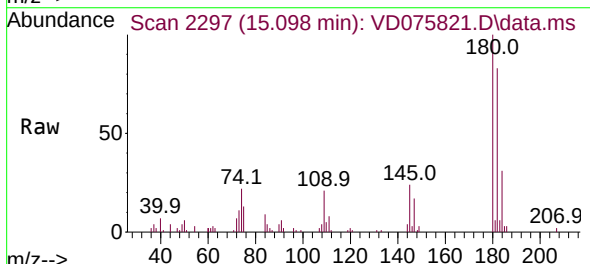
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MSD

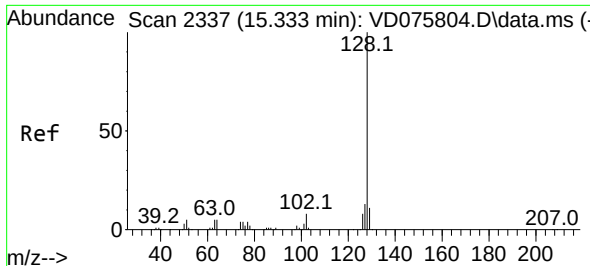
Tgt Ion:180	Resp:	39204
Ion Ratio	Lower	Upper
180	100	
182	95.7	74.9 112.3
184	32.0	25.0 37.4
145	28.5	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 10.055 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075821.D
 Acq: 25 Apr 2023 19:51

Tgt Ion:180	Resp:	28036
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.4 113.2
145	26.9	23.6 35.4

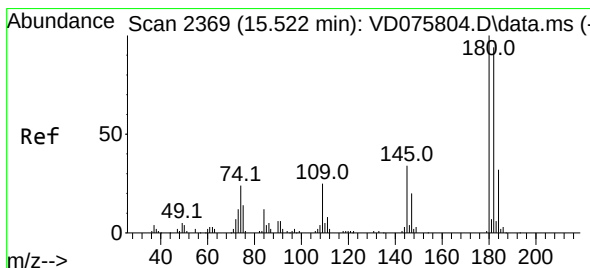
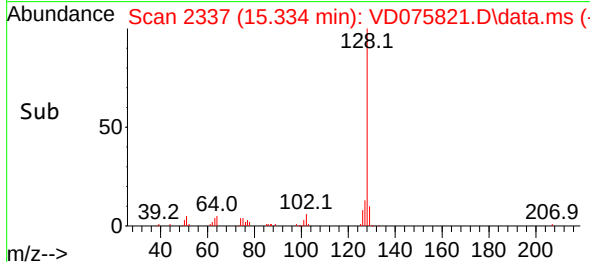
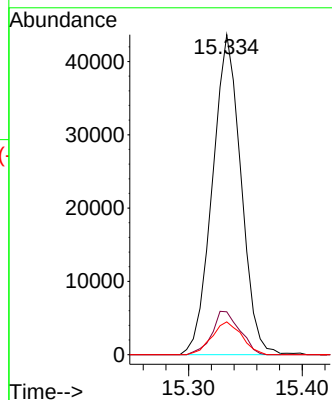
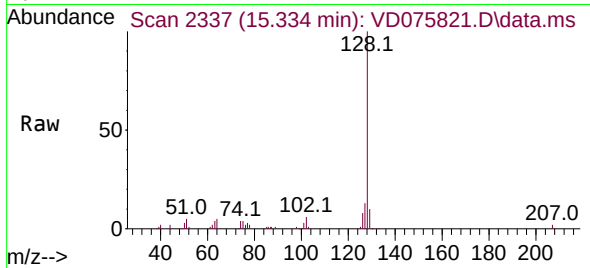




#71
Naphthalene
Concen: 14.931 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Instrument :
MSVOA_D
ClientSampleId :
EW925MSD

Tgt Ion:128 Resp: 76184
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 9.552 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075821.D
Acq: 25 Apr 2023 19:51

Tgt Ion:180 Resp: 23773
Ion Ratio Lower Upper
180 100
182 96.9 76.3 114.5
145 29.4 25.0 37.6

