

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042523\
 Data File : VD075820.D
 Acq On : 25 Apr 2023 19:22
 Operator : KP/SY
 Sample : 02419-11MS
 Misc : 4.52G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MS

Quant Time: Apr 26 02:44:29 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	260995	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	177948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	43261	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	172608	30.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.600%	
7) Chloroethane-d5	2.805	69	150967	30.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.080%	
11) 1,1-Dichloroethene-d2	3.916	65	36007	27.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 109.120%	
21) 2-Butanone-d5	6.993	46	28698	57.737	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.480%	
24) Chloroform-d	7.569	84	190274	29.154	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 116.600%	
26) 1,2-Dichloroethane-d4	8.228	65	84068	30.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 120.640%	
32) Benzene-d6	8.204	84	389166	37.522	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 150.080%#	
36) 1,2-Dichloropropane-d6	9.210	67	110156	38.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 153.480%#	
41) Toluene-d8	10.269	98	311464	32.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 128.320%	
43) trans-1,3-Dichloroprop...	10.528	79	40266	33.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 135.720%#	
47) 2-Hexanone-d5	10.875	63	24319	70.356	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 140.720%#	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69195	31.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.000%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	40563	26.508	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	112981	31.401	ug/L	99
3) Chloromethane	2.146	50	158206	31.542	ug/L	99
5) Vinyl chloride	2.287	62	187601	28.618	ug/L	95
6) Bromomethane	2.693	94	123898	28.128	ug/L	100
8) Chloroethane	2.840	64	122431	28.879	ug/L	100
9) Trichlorofluoromethane	3.175	101	143438	27.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	83441	23.581	ug/L	98
12) 1,1-Dichloroethene	3.940	96	93190	27.156	ug/L	89
13) Acetone	4.028	43	31722	74.577	ug/L	97
14) Carbon disulfide	4.269	76	305028	25.448	ug/L	97
15) Methyl Acetate	4.563	43	25723	27.904	ug/L #	57
16) Methylene chloride	4.799	84	133940	25.297	ug/L	94
17) trans-1,2-Dichloroethene	5.310	96	100934	26.231	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	175905	28.499	ug/L #	87
19) 1,1-Dichloroethane	6.110	63	164101	29.111	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	110984	27.277	ug/L	93
22) 2-Butanone	7.081	43	33157	59.792	ug/L	95
23) Bromochloromethane	7.428	128	54574	28.922	ug/L	93
25) Chloroform	7.599	83	175275	27.744	ug/L	99

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 Response via : Initial Calibration

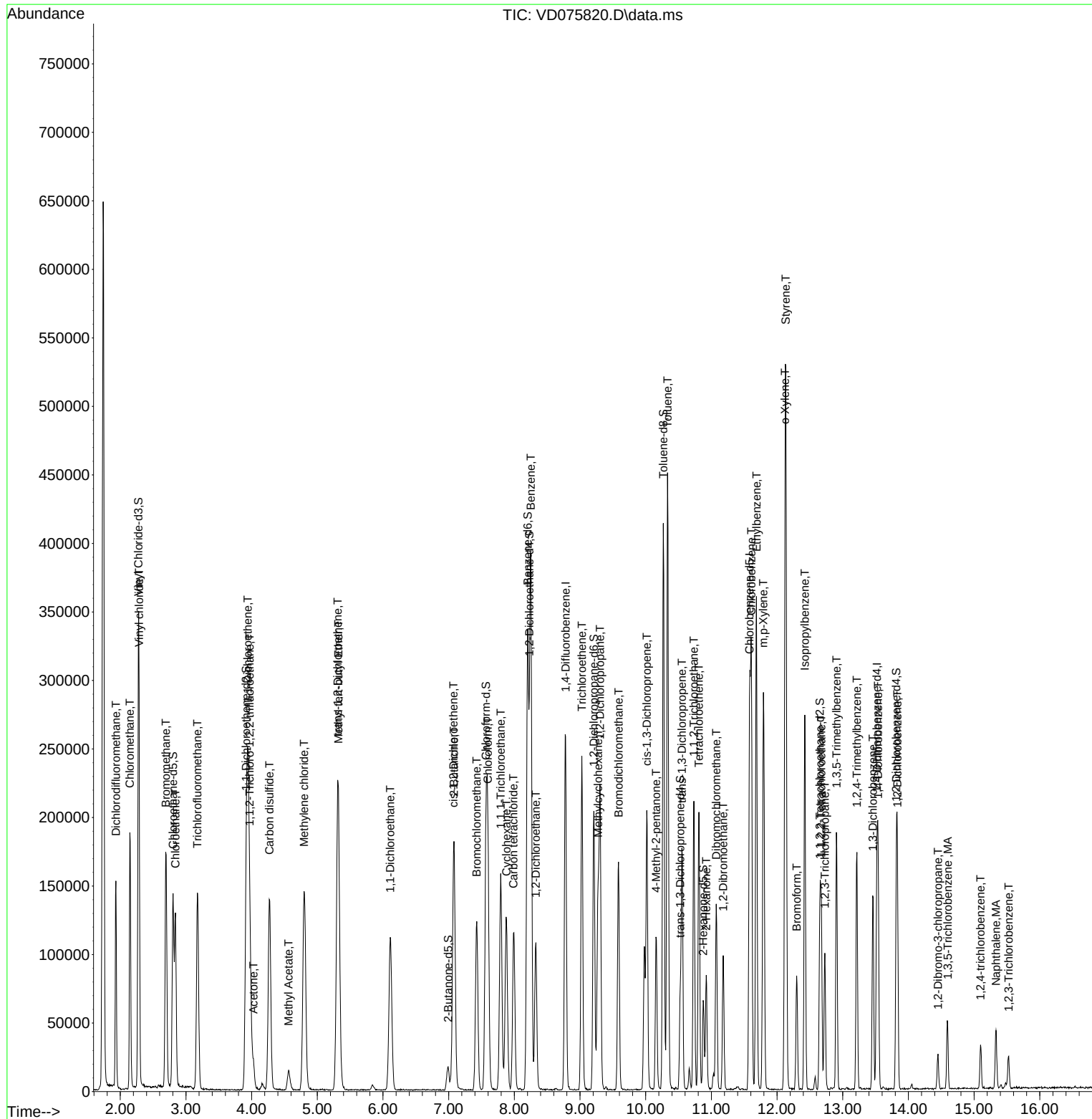
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	93519	28.678	ug/L	100
29) Cyclohexane	7.881	56	65338	21.448	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	130750	34.728	ug/L	100
31) Carbon tetrachloride	7.987	117	91576	30.317	ug/L	100
33) Benzene	8.252	78	395888	36.779	ug/L	100
34) Trichloroethene	9.028	95	83886	30.136	ug/L	98
35) Methylcyclohexane	9.275	83	62614	14.590	ug/L	98
37) 1,2-Dichloropropane	9.304	63	91608	37.050	ug/L	98
38) Bromodichloromethane	9.587	83	117966	35.384	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	132524	33.702	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	67056	74.384	ug/L	99
42) Toluene	10.334	91	364058	31.254	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	105076	33.264	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	73798	35.083	ug/L	98
46) Tetrachloroethene	10.810	164	50127	21.955	ug/L	95
48) 2-Hexanone	10.922	43	49355	77.660	ug/L	90
49) Dibromochloromethane	11.075	129	75930	33.158	ug/L	95
50) 1,2-Dibromoethane	11.181	107	65307	34.437	ug/L #	95
51) Chlorobenzene	11.610	112	194090	25.470	ug/L	99
52) Ethylbenzene	11.687	91	267502	22.395	ug/L	100
53) m,p-Xylene	11.793	106	103823	21.829	ug/L	100
54) o-Xylene	12.122	106	100164	22.173	ug/L	98
55) Styrene	12.134	104	192624	24.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	61927	28.934	ug/L	97
59) Bromoform	12.298	173	38736	58.424	ug/L	99
60) Isopropylbenzene	12.422	105	181730	31.681	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	42416	62.414	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	104464	24.422	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	99141	24.044	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	66202	24.120	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	69123	23.996	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	60930	24.859	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.451	75	6262	46.093	ug/L	87
69) 1,3,5-Trichlorobenzene	14.598	180	17476	9.500	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	12011	7.879	ug/L	99
71) Naphthalene	15.333	128	41248	14.785	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	9285	6.823	ug/L	99

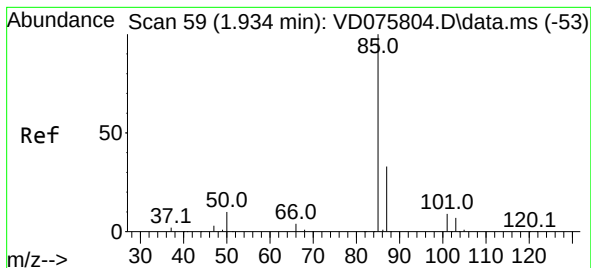
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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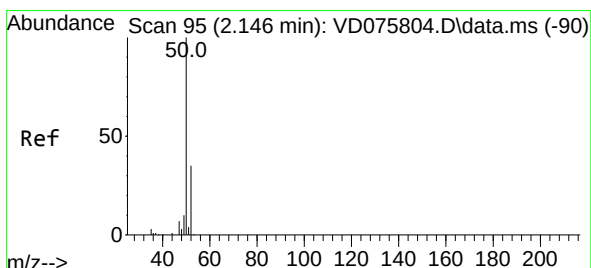
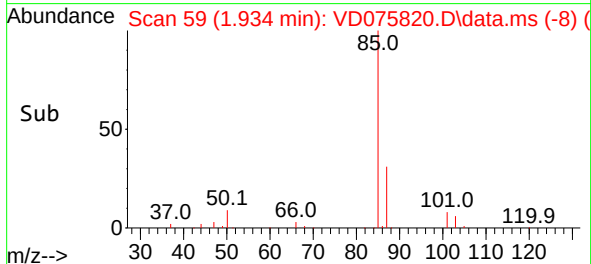
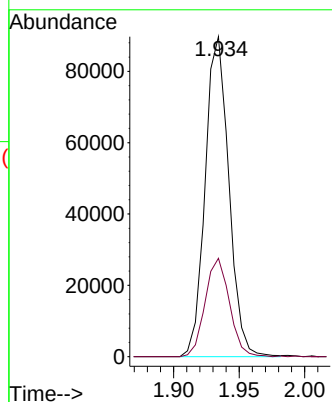
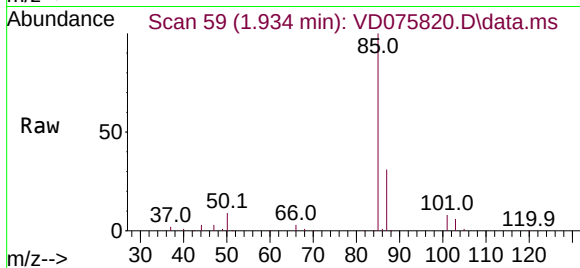




#2
 Dichlorodifluoromethane
 Concen: 31.401 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

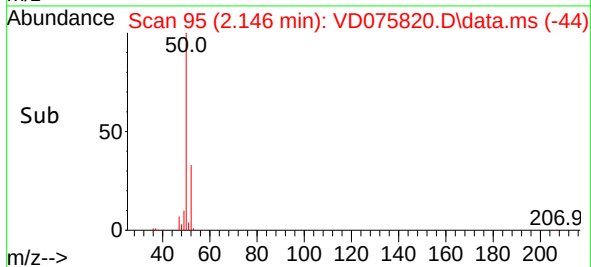
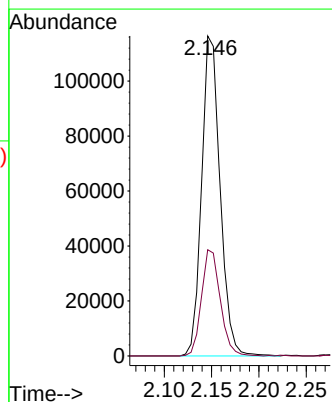
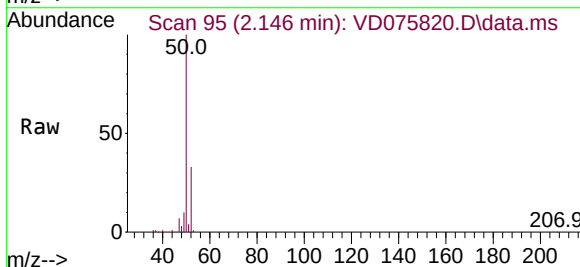
Instrument :
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 ClientSampleId :
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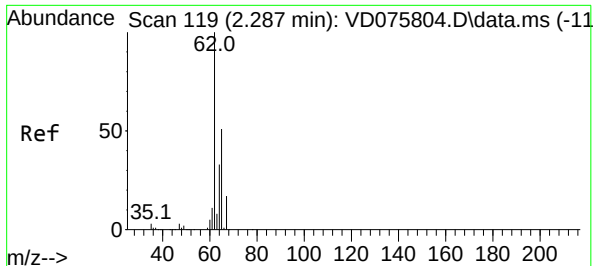
Tgt Ion: 85 Resp: 112981
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.8 38.8



#3
 Chloromethane
 Concen: 31.542 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

Tgt Ion: 50 Resp: 158206
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 44.1

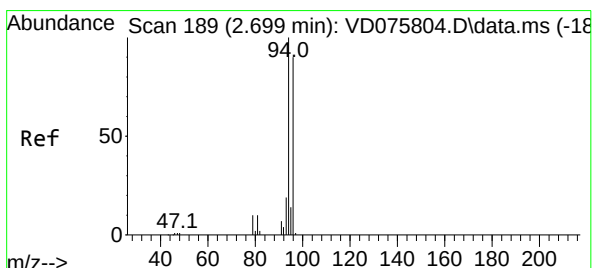
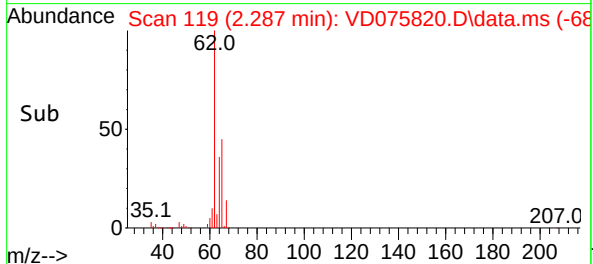
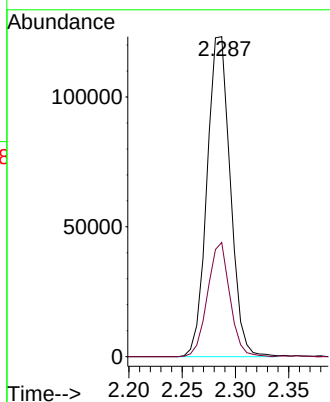
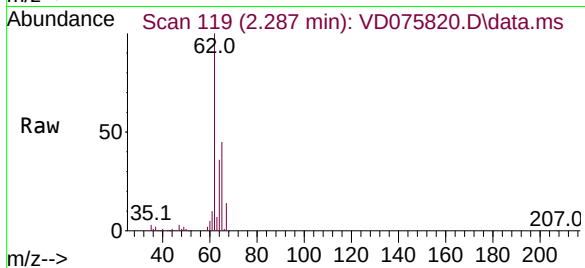




#5
 Vinyl chloride
 Concen: 28.618 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

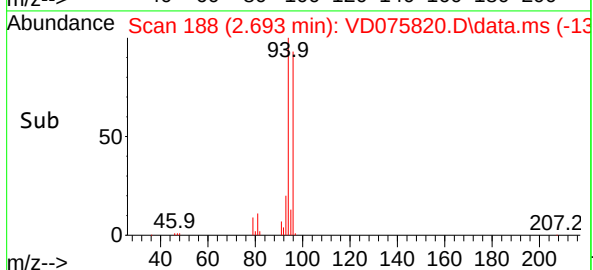
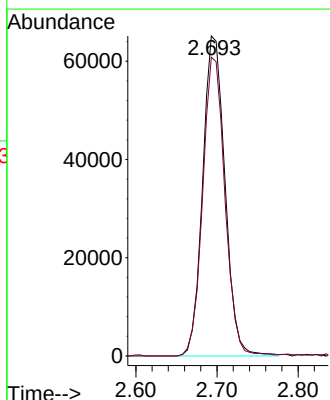
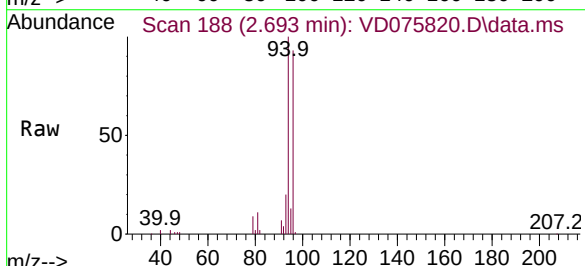
Instrument :
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 ClientSampleId :
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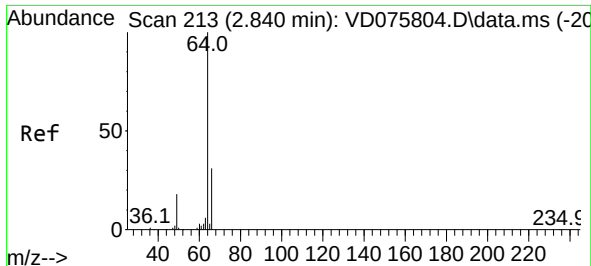
Tgt Ion: 62 Resp: 187601
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.2 43.0



#6
 Bromomethane
 Concen: 28.128 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

Tgt Ion: 94 Resp: 123898
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.7 121.9

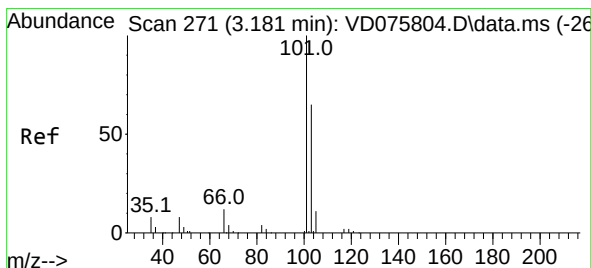
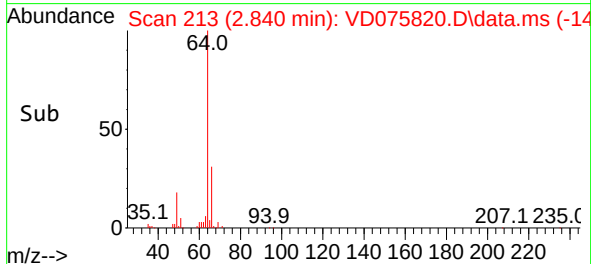
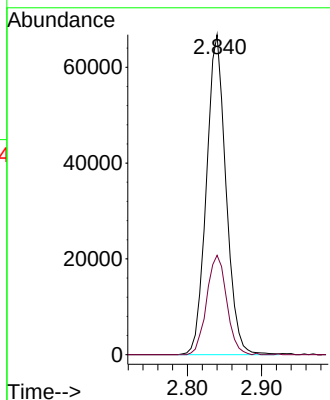
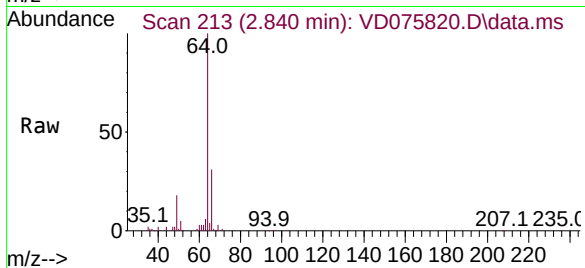




#8
Chloroethane
Concen: 28.879 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

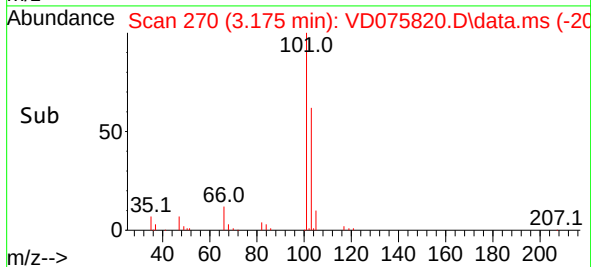
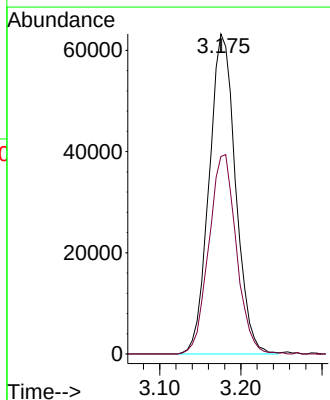
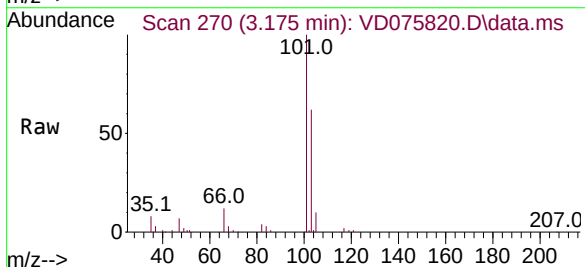
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

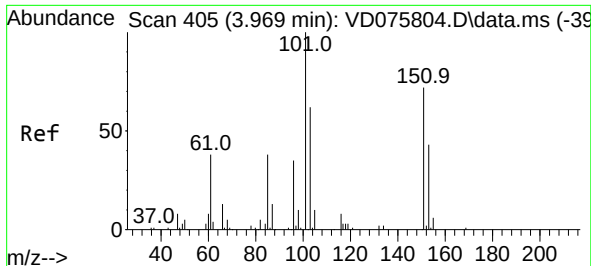
Tgt Ion: 64 Resp: 122431
Ion Ratio Lower Upper
64 100
66 31.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 27.233 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion:101 Resp: 143438
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

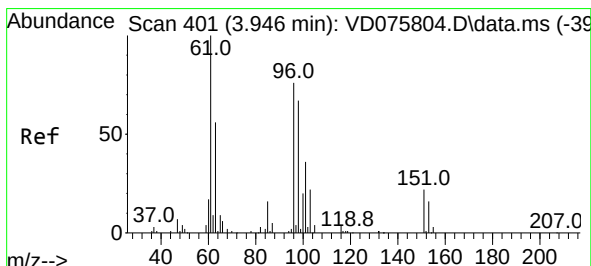
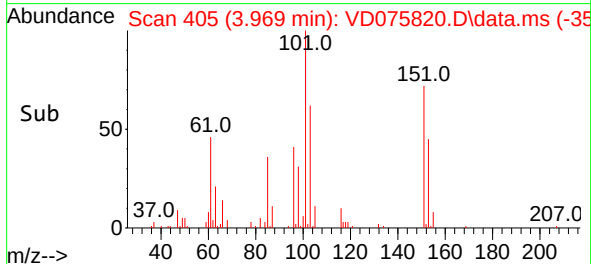
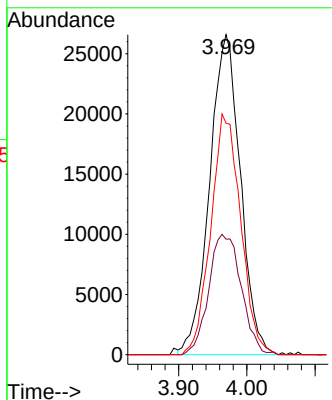
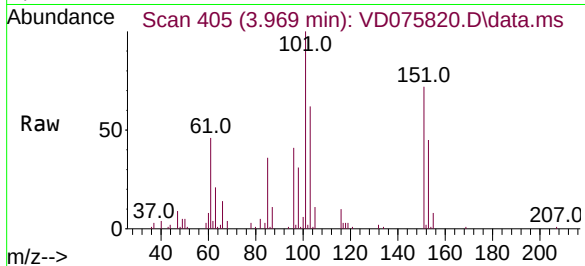




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.581 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

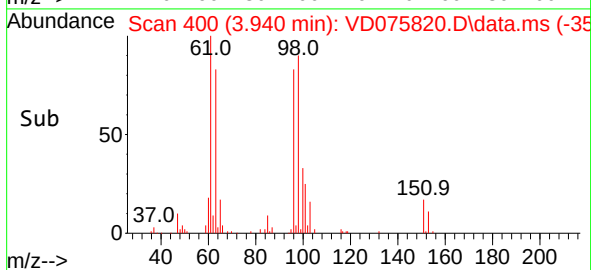
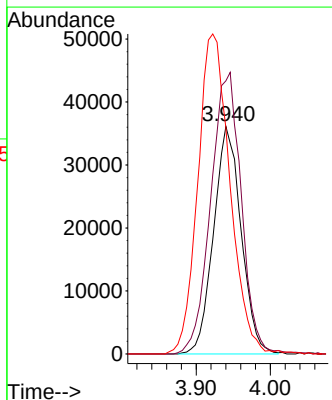
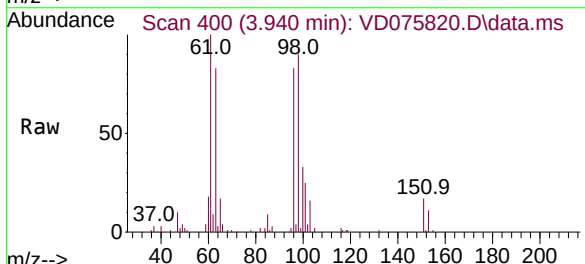
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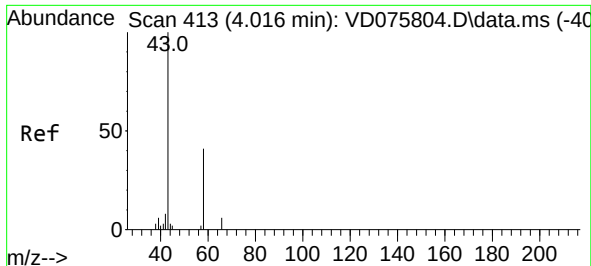
Tgt Ion:	101	Resp:	83441
Ion	Ratio	Lower	Upper
101	100		
85	39.5	32.9	49.3
151	73.0	57.2	85.8



#12
 1,1-Dichloroethene
 Concen: 27.156 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

Tgt Ion:	96	Resp:	93190
Ion	Ratio	Lower	Upper
96	100		
61	120.0	92.6	172.0
63	99.4	77.4	143.8





#13

Acetone

Concen: 74.577 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075820.D

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Instrument :

MSVOA_D

ClientSampleId :

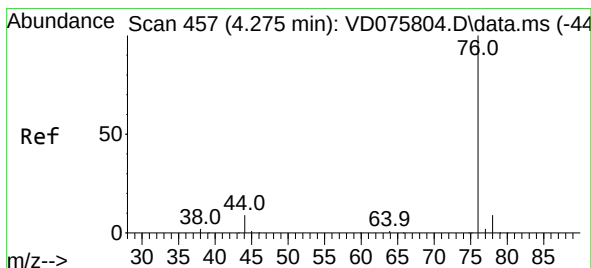
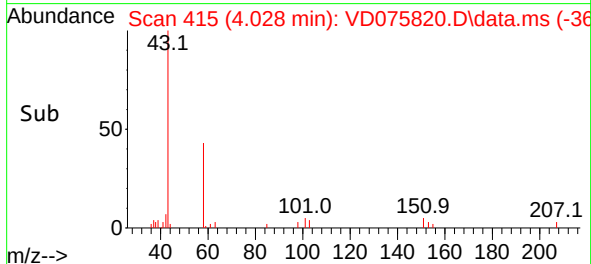
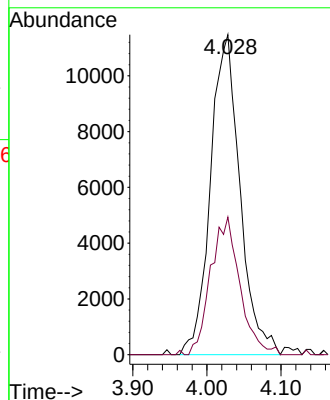
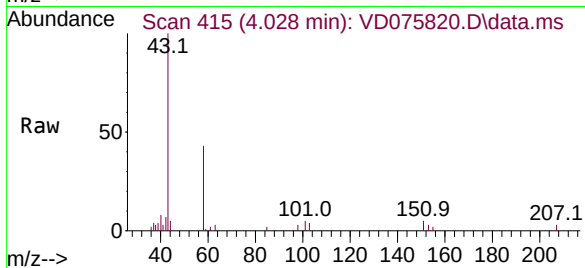
EW925MS

Tgt Ion: 43 Resp: 31722

Ion Ratio Lower Upper

43 100

58 42.0 0.0 87.4



#14

Carbon disulfide

Concen: 25.448 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

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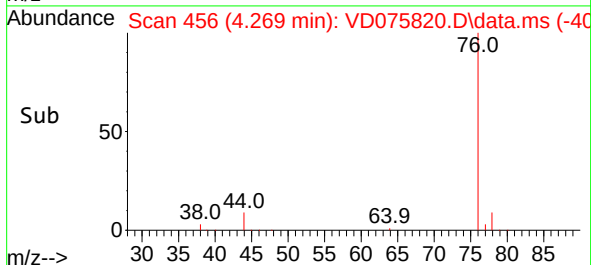
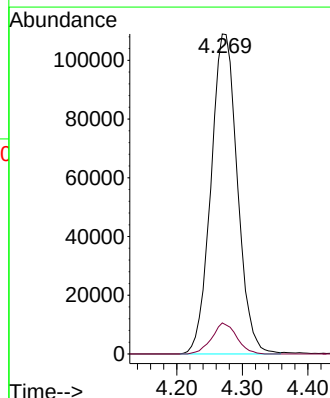
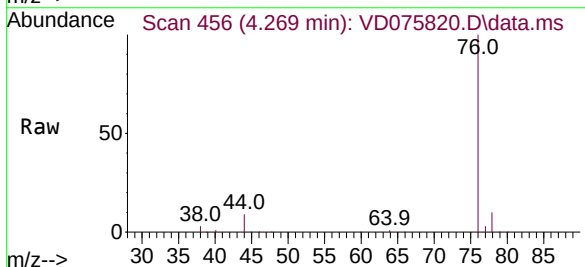
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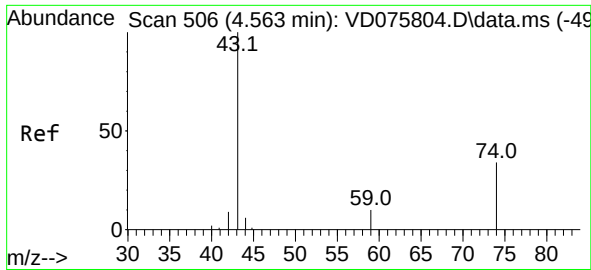
Tgt Ion: 76 Resp: 305028

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

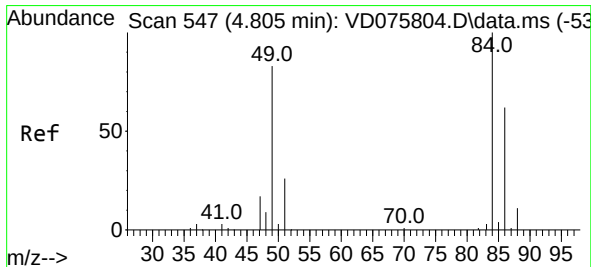
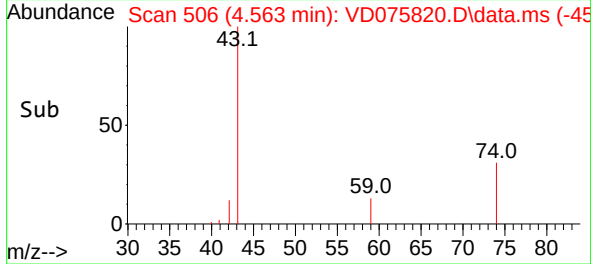
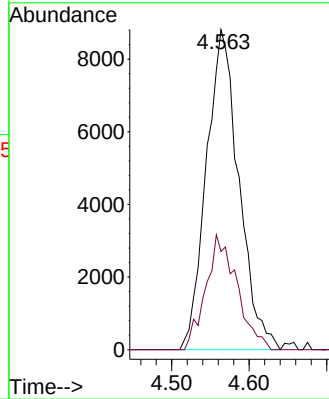
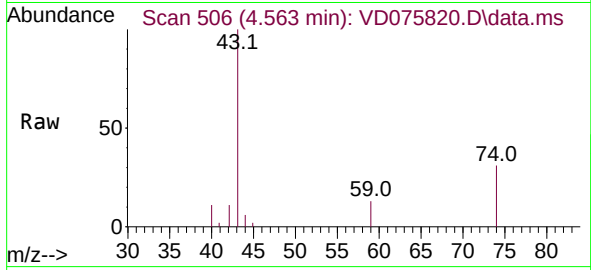




#15
Methyl Acetate
Concen: 27.904 ug/L
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

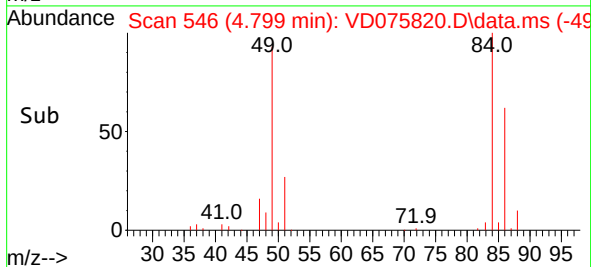
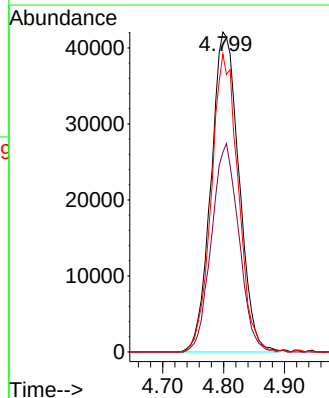
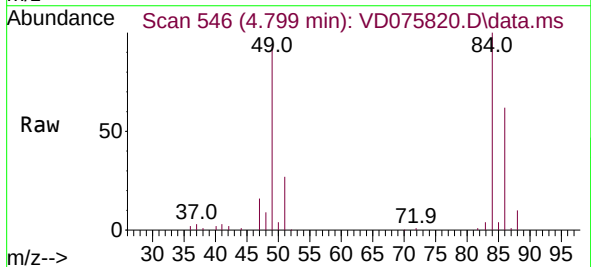
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

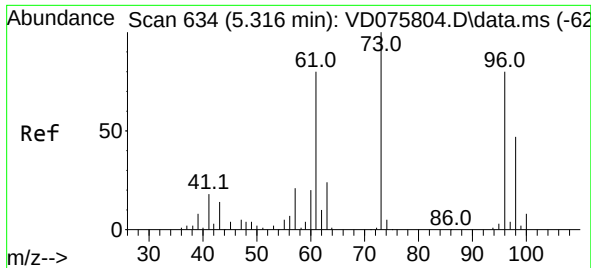
Tgt Ion: 43 Resp: 25723
Ion Ratio Lower Upper
43 100
74 34.3 12.8 19.2#



#16
Methylene chloride
Concen: 25.297 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion: 84 Resp: 133940
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.2
49 93.1 60.8 112.8

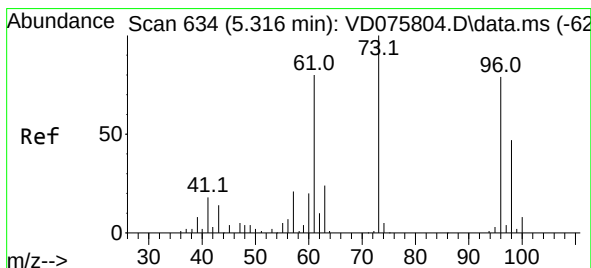
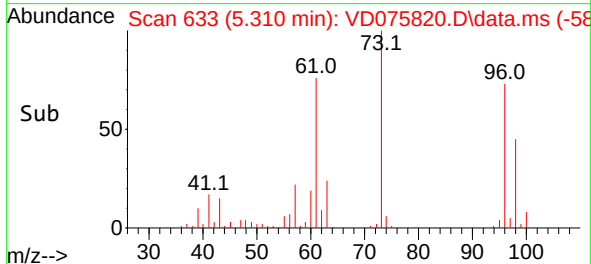
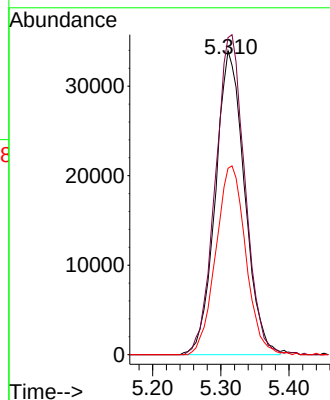
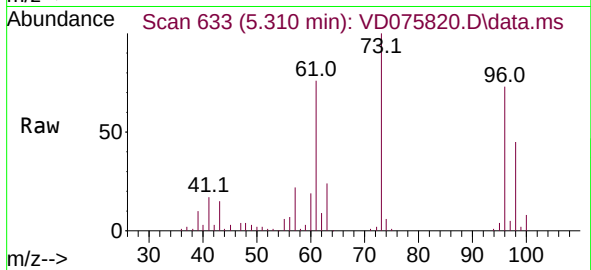




#17
trans-1,2-Dichloroethene
Concen: 26.231 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

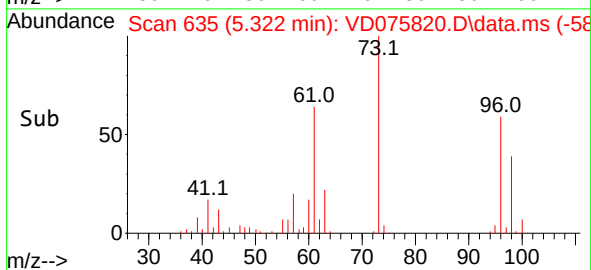
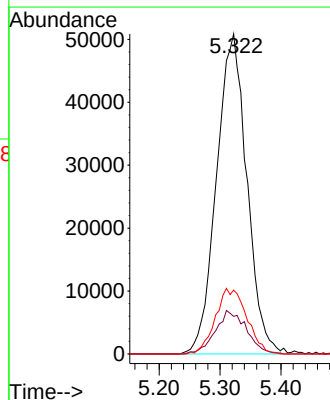
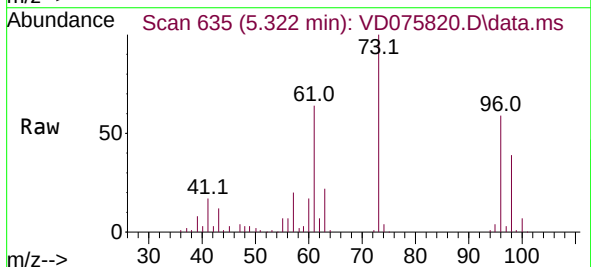
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

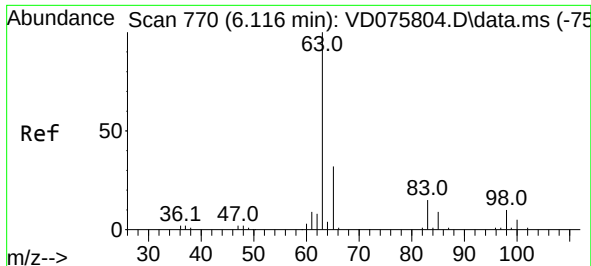
Tgt Ion: 96 Resp: 100934
Ion Ratio Lower Upper
96 100
61 104.3 72.9 135.5
98 61.3 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 28.499 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion: 73 Resp: 175905
Ion Ratio Lower Upper
73 100
43 13.9 11.3 16.9
57 10.8 16.3 24.5#

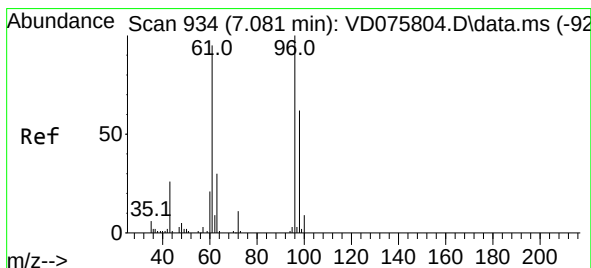
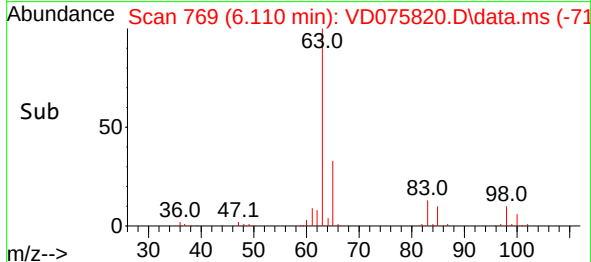
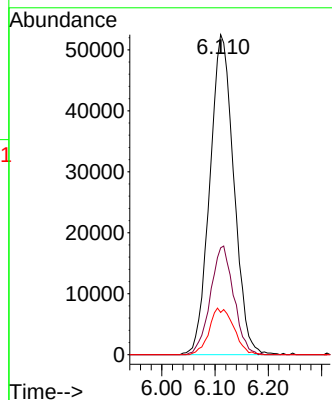
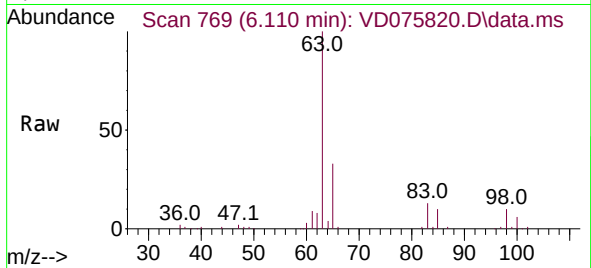




#19
 1,1-Dichloroethane
 Concen: 29.111 ug/L
 RT: 6.110 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

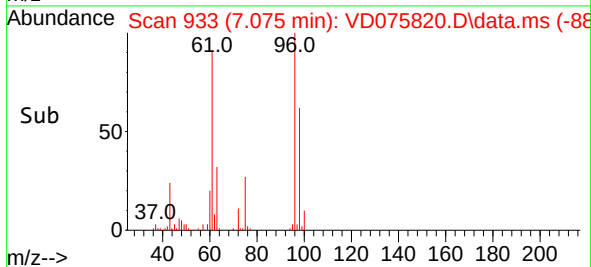
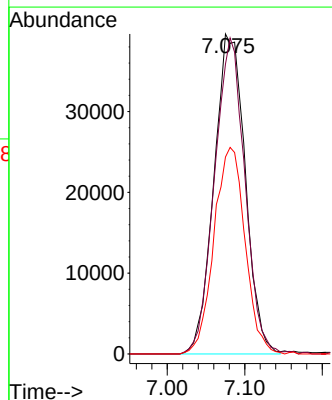
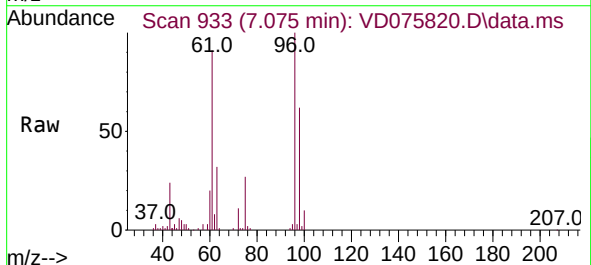
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MS

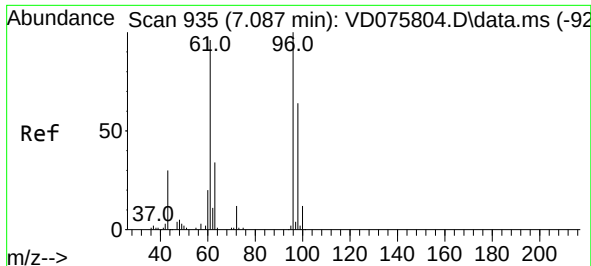
Tgt Ion: 63 Resp: 164101
 Ion Ratio Lower Upper
 63 100
 65 33.4 22.8 42.4
 83 13.2 11.2 20.8



#20
 cis-1,2-Dichloroethene
 Concen: 27.277 ug/L
 RT: 7.075 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

Tgt Ion: 96 Resp: 110984
 Ion Ratio Lower Upper
 96 100
 61 90.6 67.5 125.3
 98 61.5 47.5 88.1

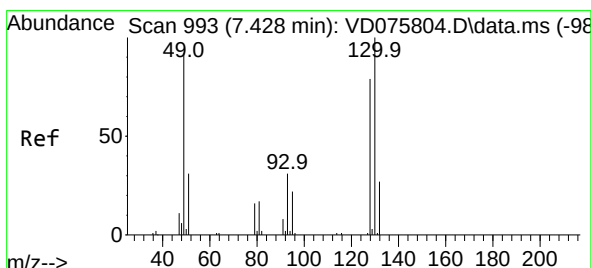
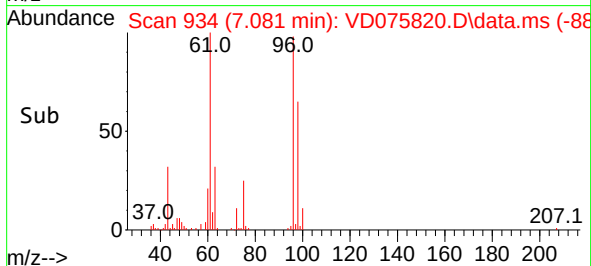
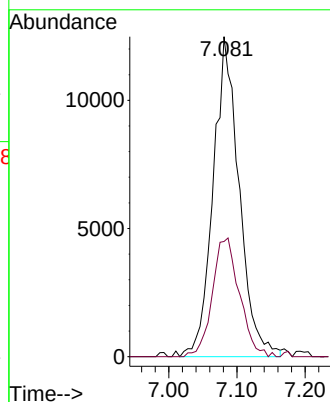
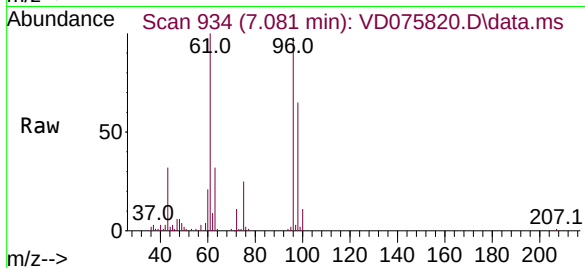




#22
2-Butanone
Concen: 59.792 ug/L
RT: 7.081 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

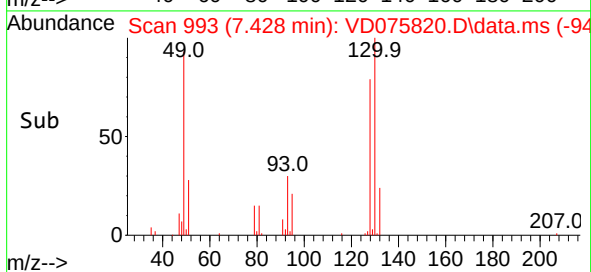
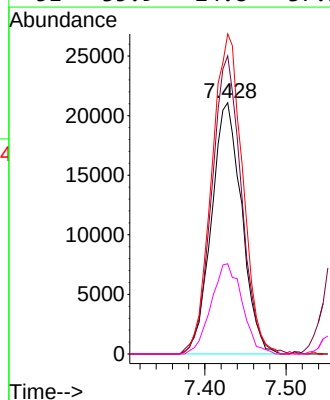
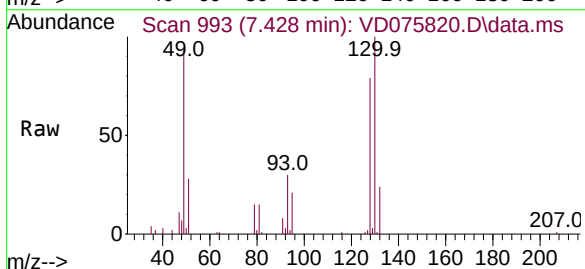
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

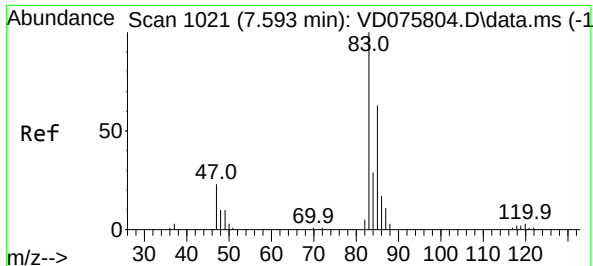
Tgt Ion: 43 Resp: 33157
Ion Ratio Lower Upper
43 100
72 37.9 20.5 61.5



#23
Bromochloromethane
Concen: 28.922 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion: 128 Resp: 54574
Ion Ratio Lower Upper
128 100
49 118.6 76.4 142.0
130 127.4 93.5 173.7
51 35.9 24.8 37.2





#25

Chloroform

Concen: 27.744 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

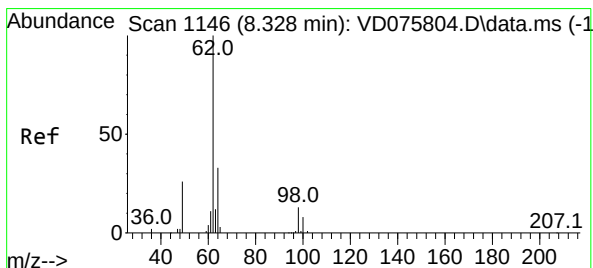
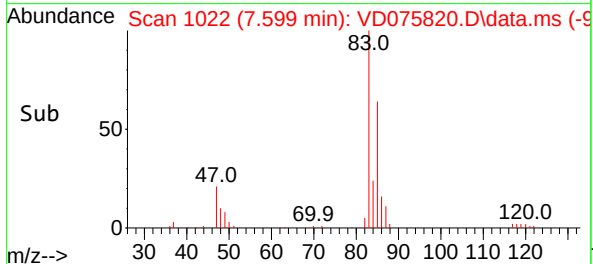
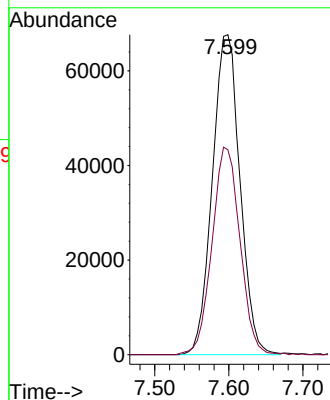
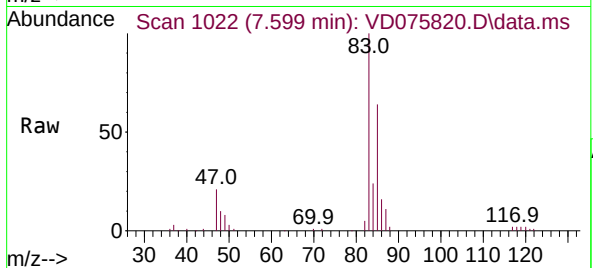
EW925MS

Tgt Ion: 83 Resp: 175275

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 28.678 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075820.D

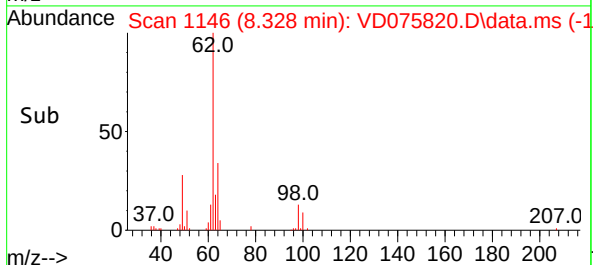
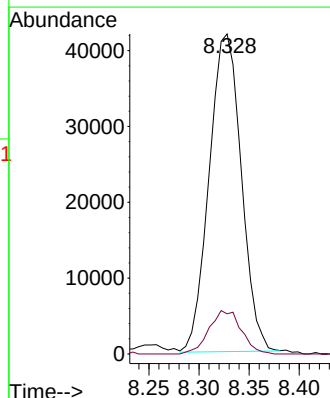
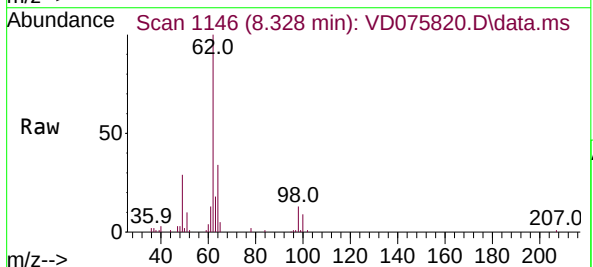
Acq: 25 Apr 2023 19:22

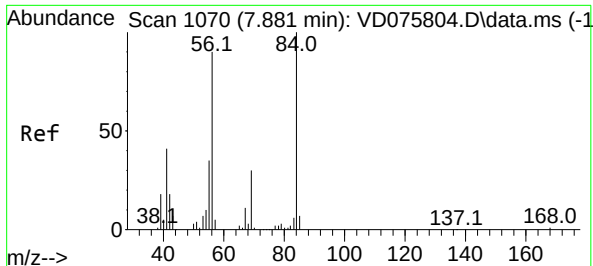
Tgt Ion: 62 Resp: 93519

Ion Ratio Lower Upper

62 100

98 12.6 10.2 15.2





#29

Cyclohexane

Concen: 21.448 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

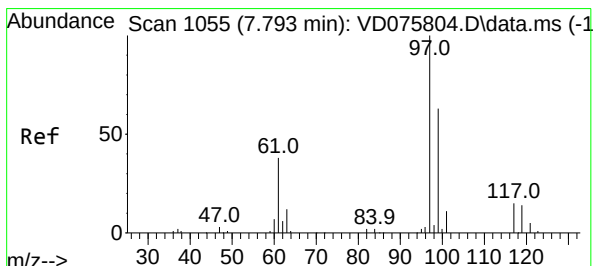
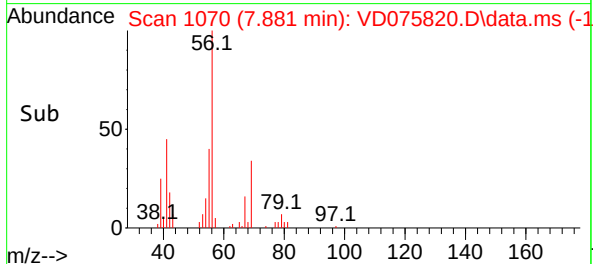
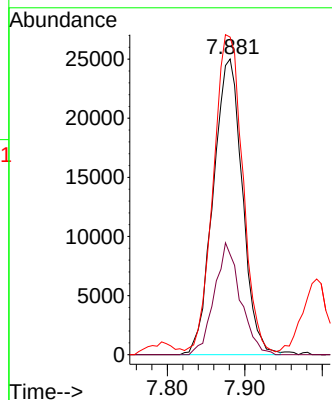
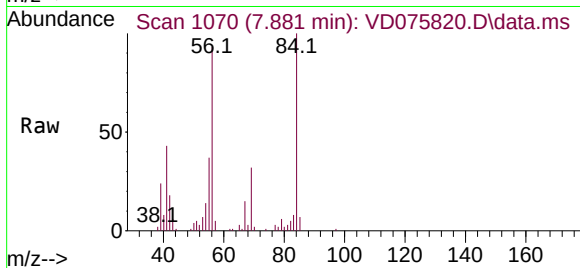
Tgt Ion: 56 Resp: 65338

Ion Ratio Lower Upper

56 100

69 33.9 28.2 42.2

84 108.7 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 34.728 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

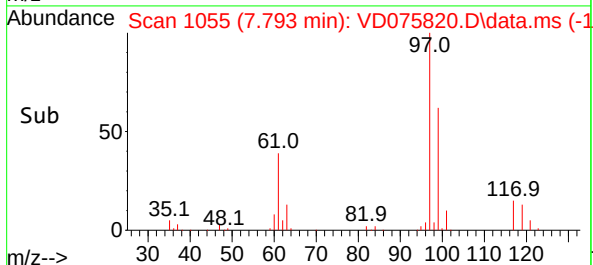
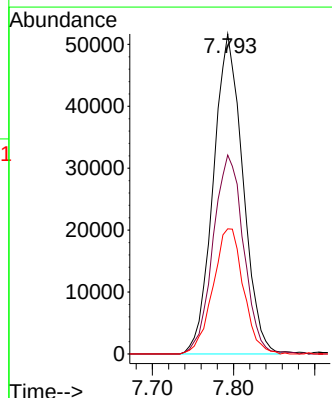
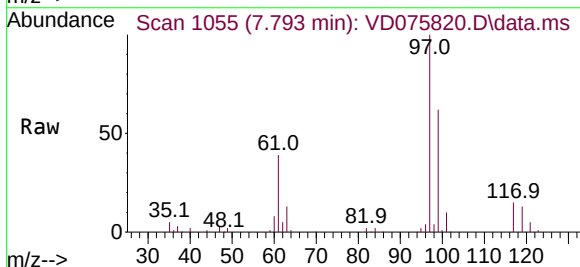
Tgt Ion: 97 Resp: 130750

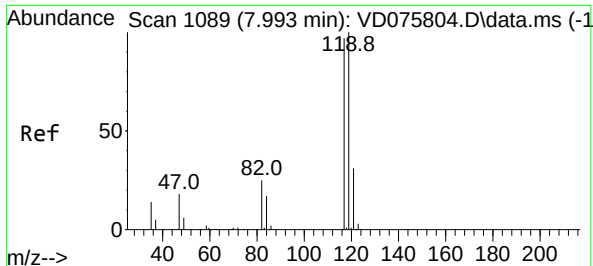
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 40.3 32.1 48.1

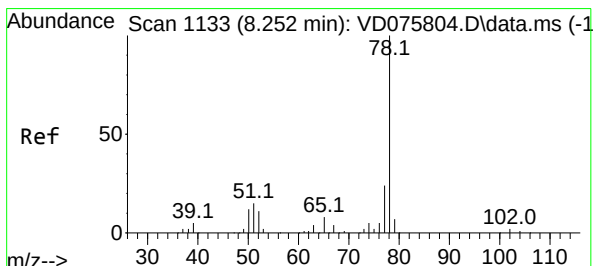
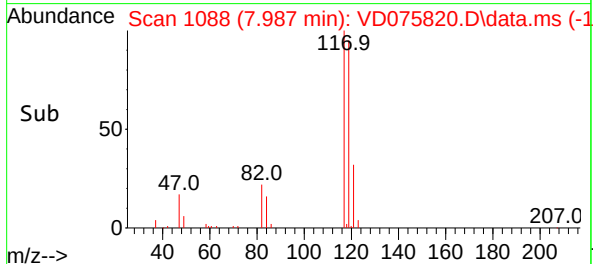
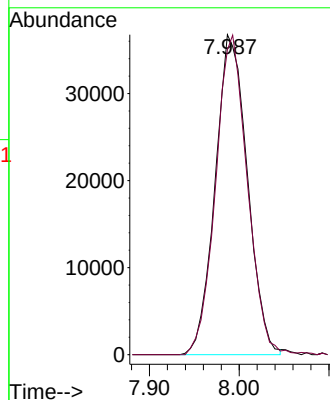
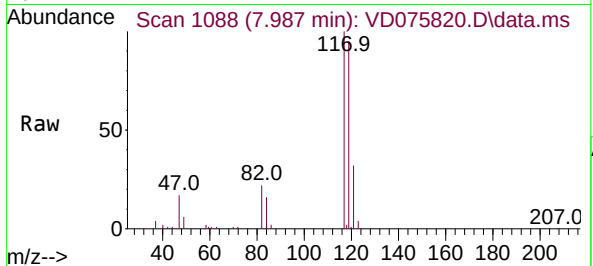




#31
Carbon tetrachloride
Concen: 30.317 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

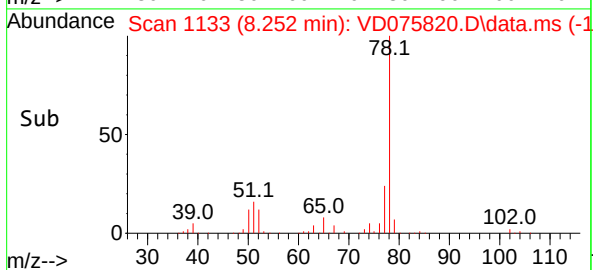
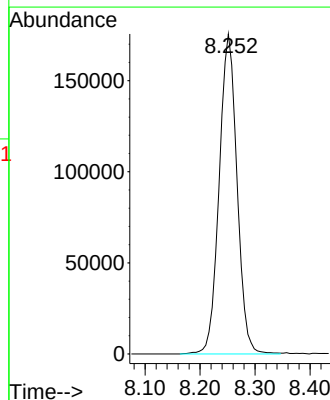
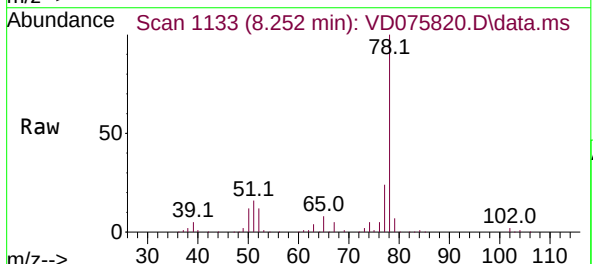
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

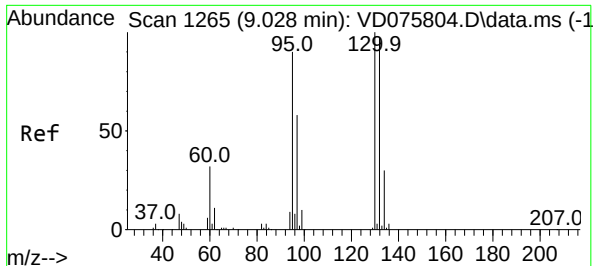
Tgt Ion:117 Resp: 91576
Ion Ratio Lower Upper
117 100
119 98.1 78.2 117.4



#33
Benzene
Concen: 36.779 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion: 78 Resp: 395888



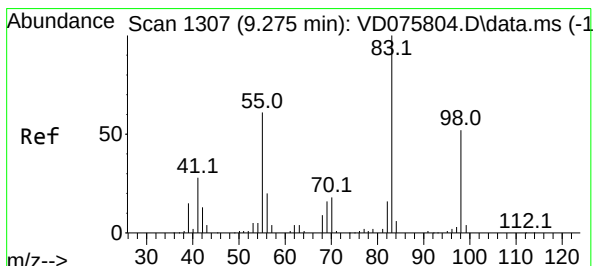
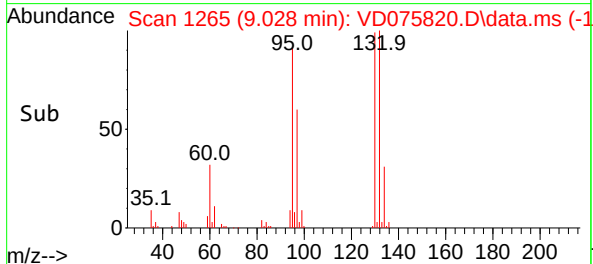
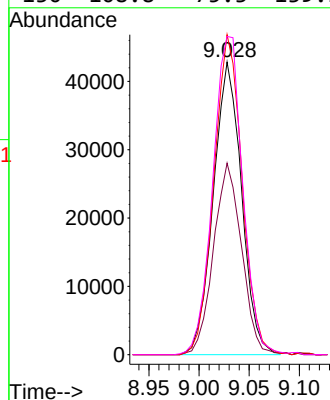
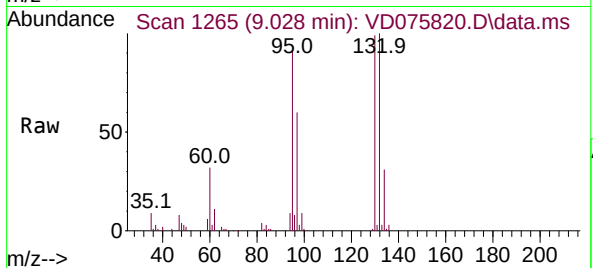


#34
Trichloroethene
Concen: 30.136 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :
EW925MS

Tgt Ion: 95 Resp: 83886

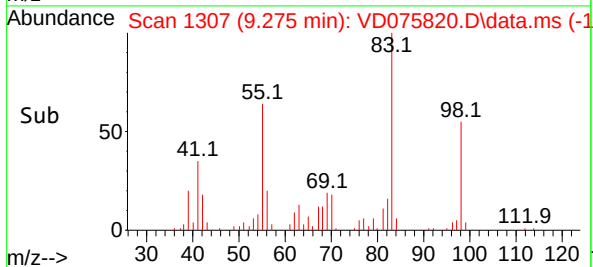
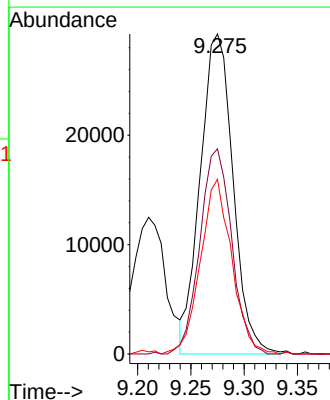
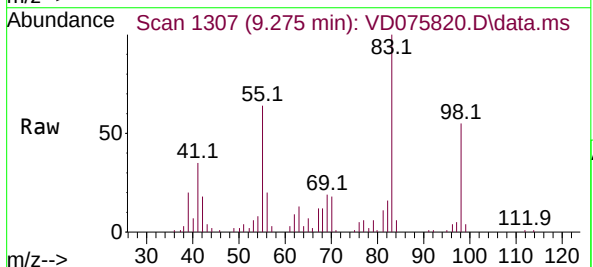
Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.0	85.4
132	109.3	73.3	136.1
130	108.8	75.3	139.9

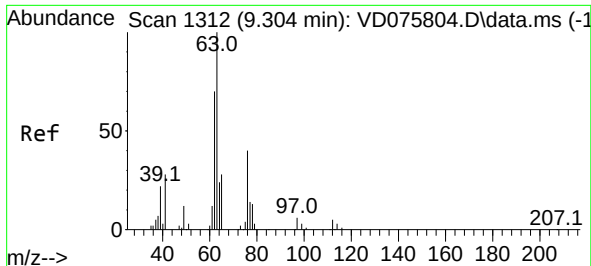


#35
Methylcyclohexane
Concen: 14.590 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion: 83 Resp: 62614

Ion	Ratio	Lower	Upper
83	100		
55	62.2	48.2	72.2
98	52.1	40.8	61.2





#37

1,2-Dichloropropane

Concen: 37.050 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

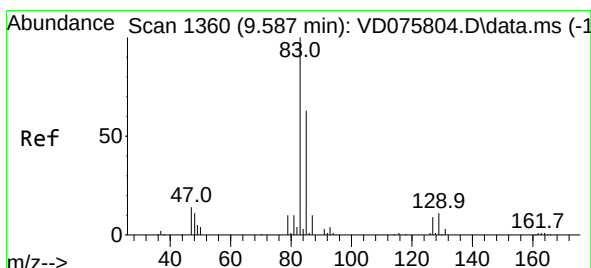
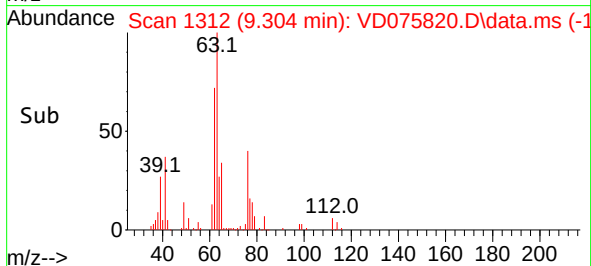
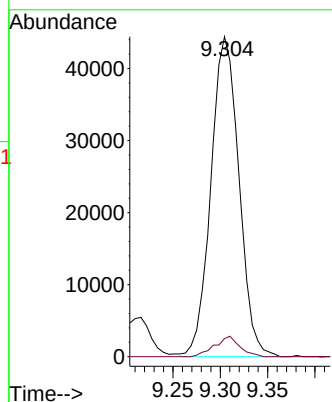
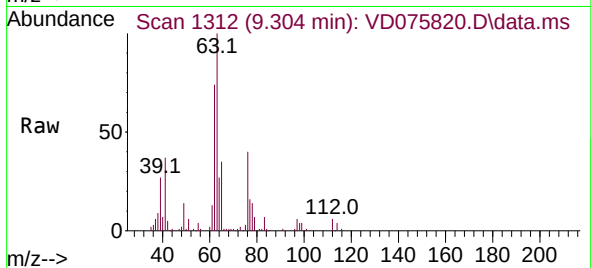
EW925MS

Tgt Ion: 63 Resp: 91608

Ion Ratio Lower Upper

63 100

112 5.7 4.0 6.0



#38

Bromodichloromethane

Concen: 35.384 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

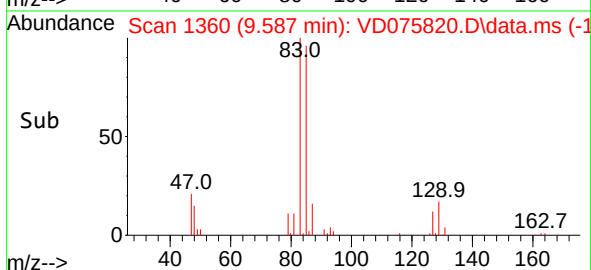
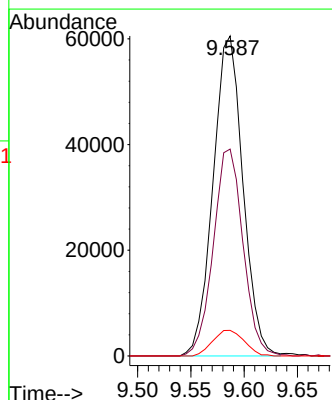
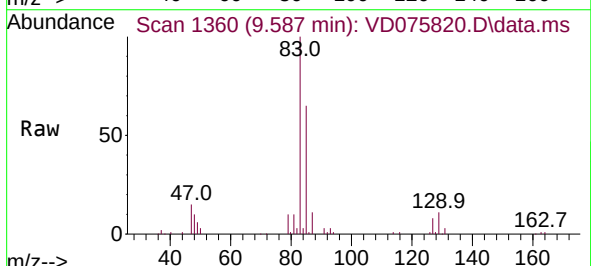
Tgt Ion: 83 Resp: 117966

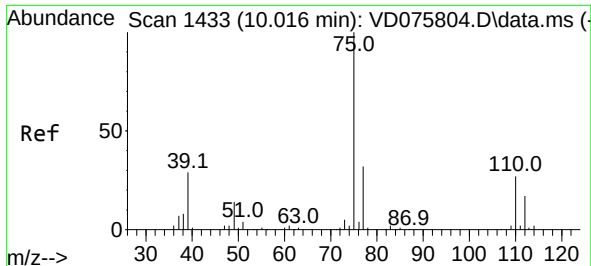
Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.2

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 33.702 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

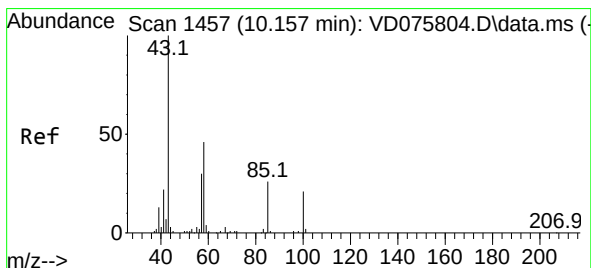
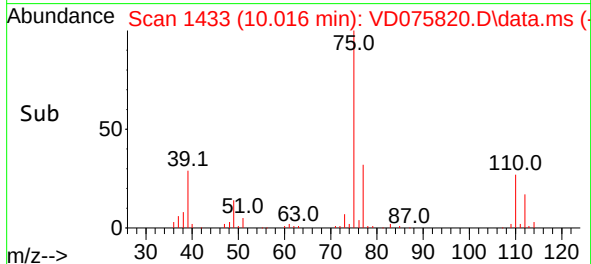
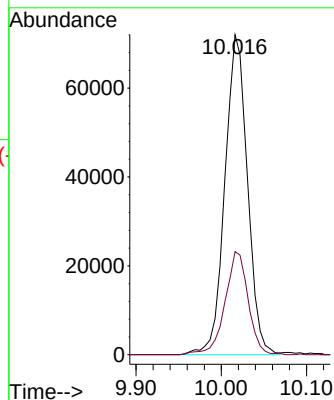
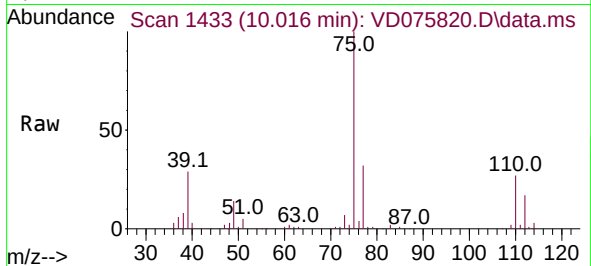
EW925MS

Tgt Ion: 75 Resp: 132524

Ion Ratio Lower Upper

75 100

77 32.2 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 74.384 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

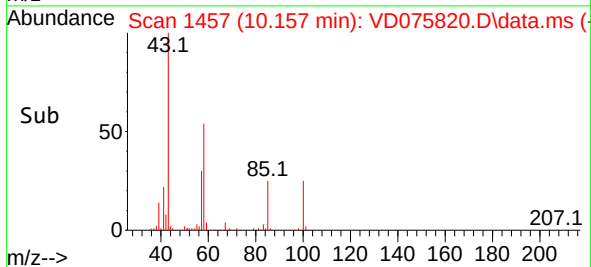
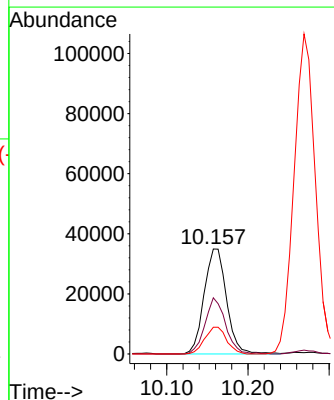
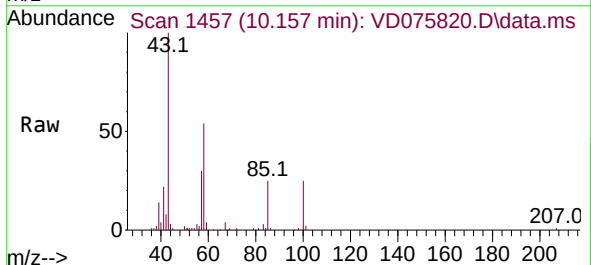
Tgt Ion: 43 Resp: 67056

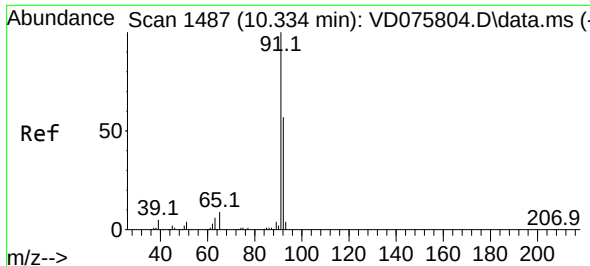
Ion Ratio Lower Upper

43 100

58 48.5 39.1 58.7

100 24.8 19.4 29.0





#42

Toluene

Concen: 31.254 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

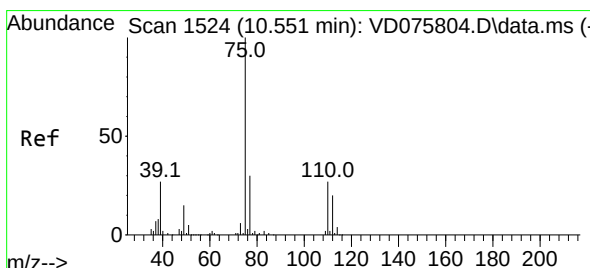
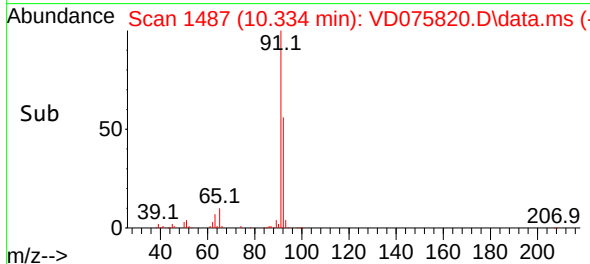
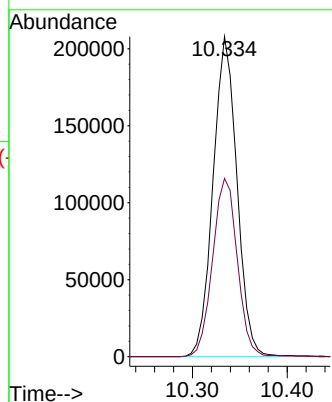
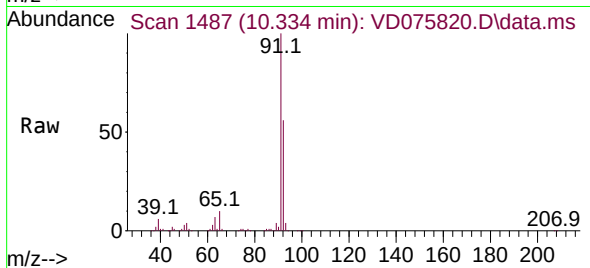
EW925MS

Tgt Ion: 91 Resp: 364058

Ion Ratio Lower Upper

91 100

92 55.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 33.264 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD075820.D

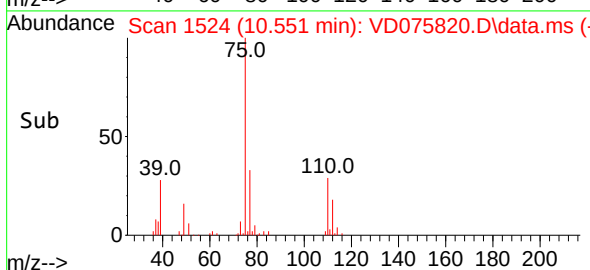
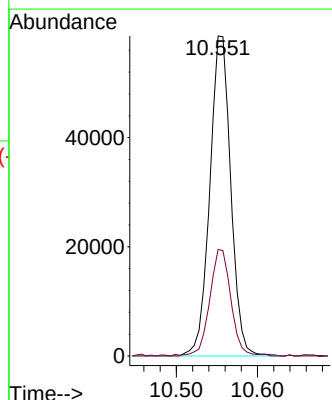
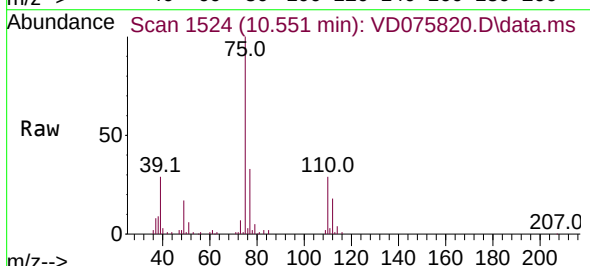
Acq: 25 Apr 2023 19:22

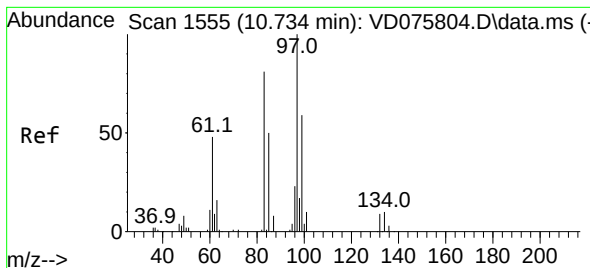
Tgt Ion: 75 Resp: 105076

Ion Ratio Lower Upper

75 100

77 33.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 35.083 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

Tgt Ion: 97 Resp: 73798

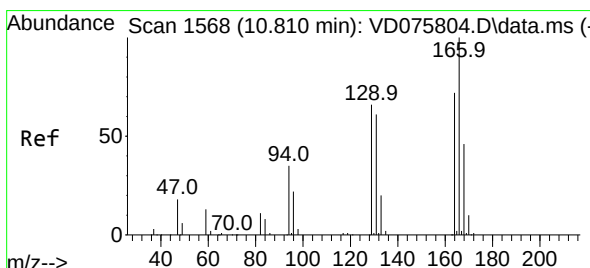
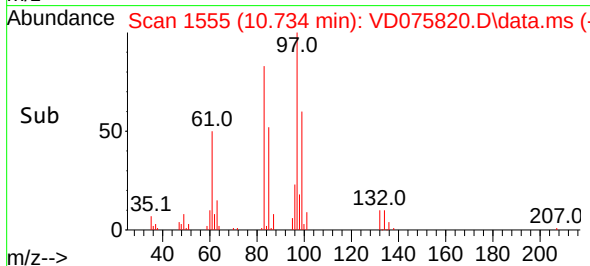
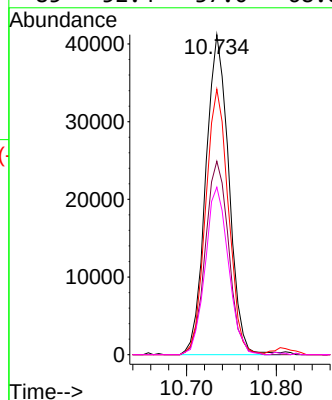
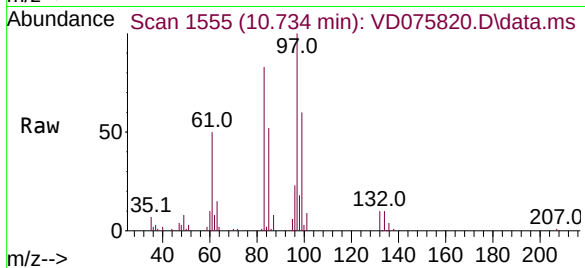
Ion Ratio Lower Upper

97 100

99 60.4 42.2 78.4

83 83.0 54.8 101.8

85 52.4 37.0 68.8



#46

Tetrachloroethene

Concen: 21.955 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Tgt Ion:164 Resp: 50127

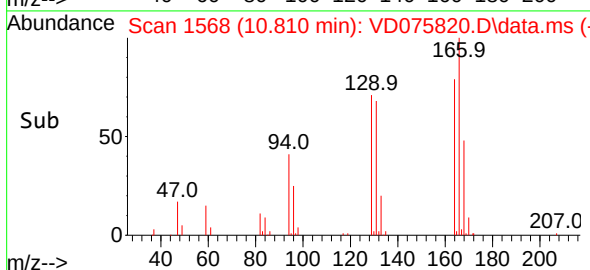
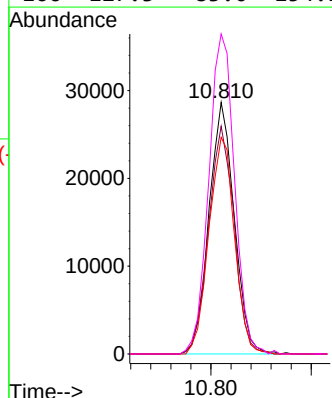
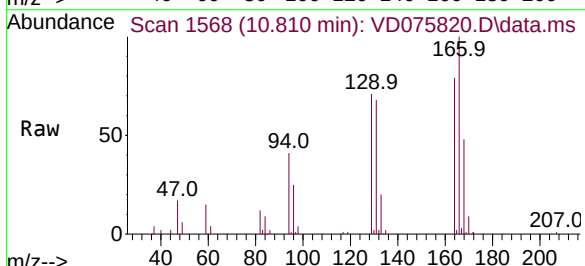
Ion Ratio Lower Upper

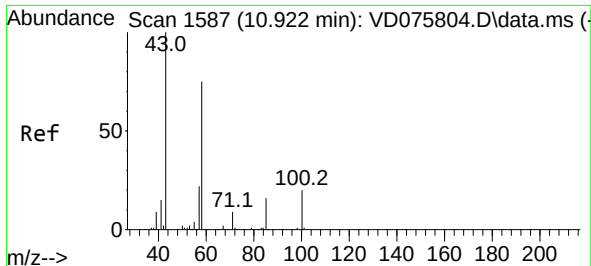
164 100

129 90.5 60.3 112.1

131 86.1 58.9 109.3

166 127.3 83.0 154.1

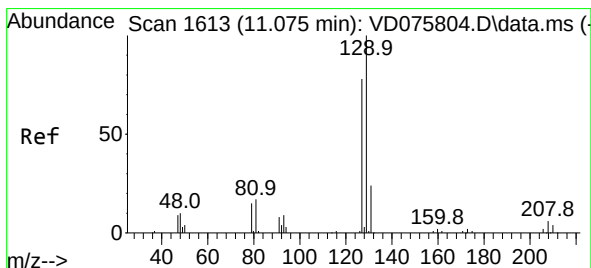
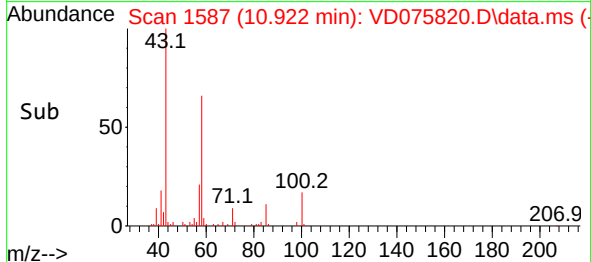
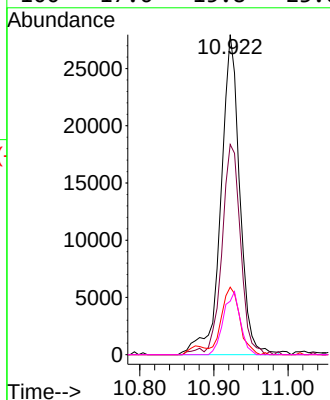
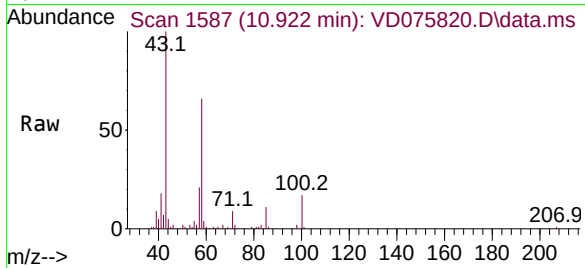




#48
2-Hexanone
Concen: 77.660 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

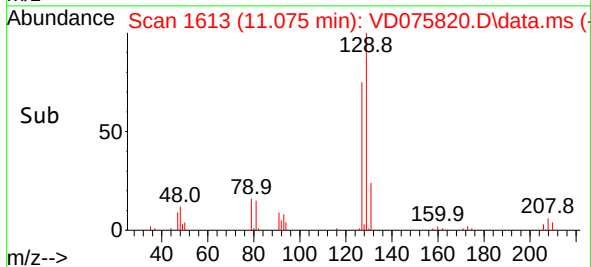
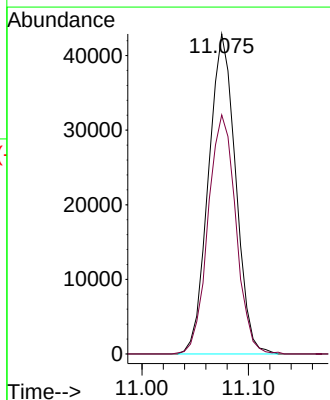
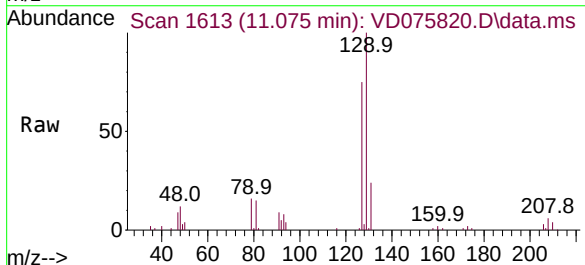
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

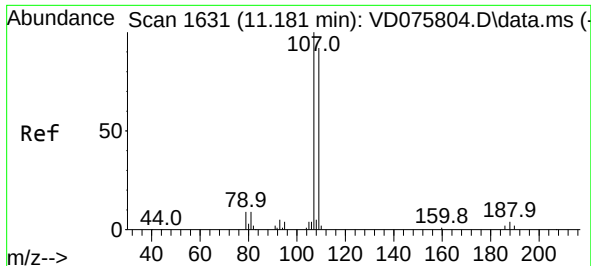
Tgt Ion: 43	Resp: 49355
Ion Ratio	Lower Upper
43 100	
58 63.9	59.7 89.5
57 20.4	17.9 26.9
100 17.6	15.8 23.6



#49
Dibromochloromethane
Concen: 33.158 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion:129	Resp:	75930	
Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.6	103.4

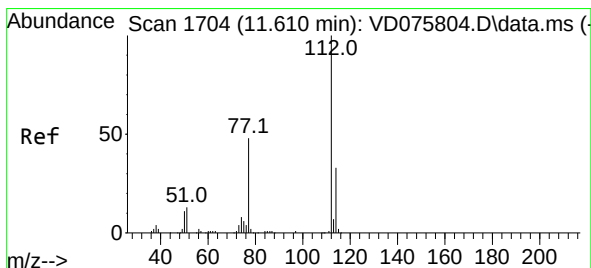
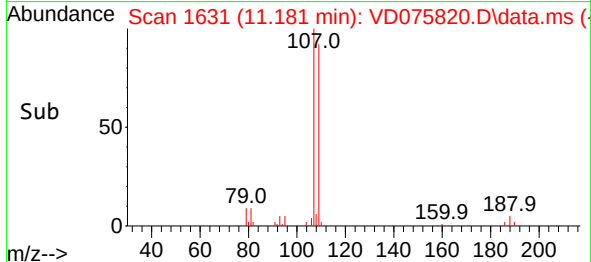
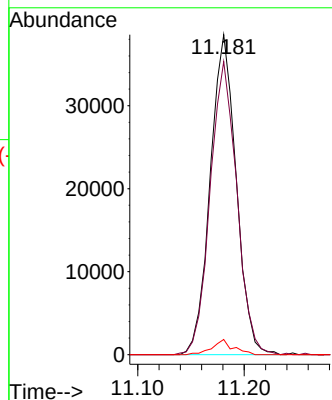
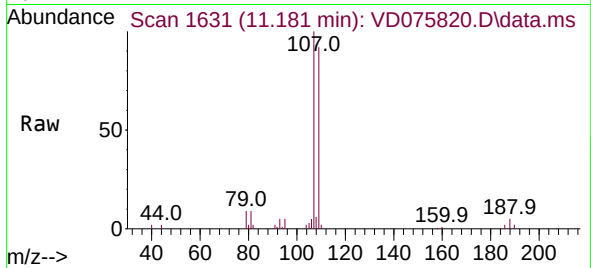




#50
1,2-Dibromoethane
Concen: 34.437 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

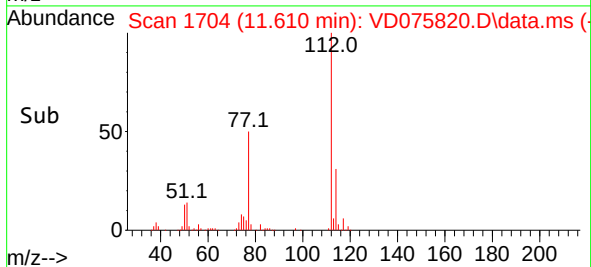
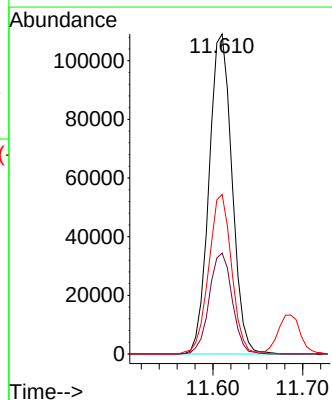
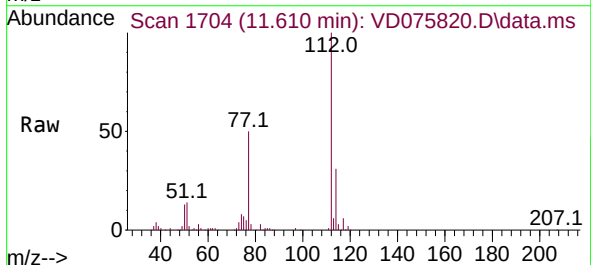
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

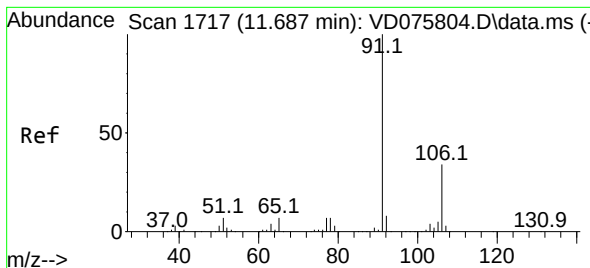
Tgt Ion:107 Resp: 65307
Ion Ratio Lower Upper
107 100
109 91.6 67.6 125.6
188 4.8 3.0 4.6#



#51
Chlorobenzene
Concen: 25.470 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion:112 Resp: 194090
Ion Ratio Lower Upper
112 100
114 31.5 23.0 42.8
77 49.9 39.7 59.5

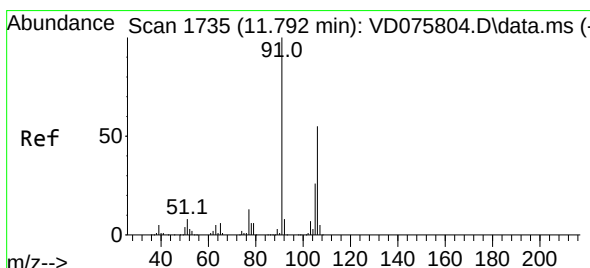
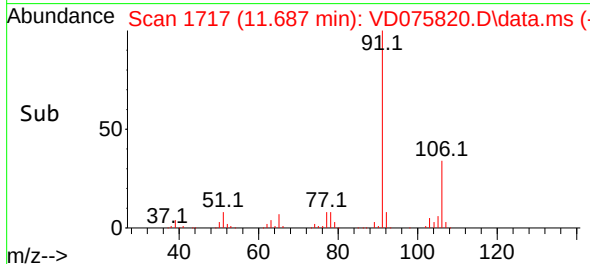
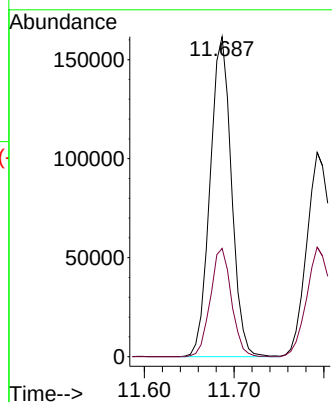
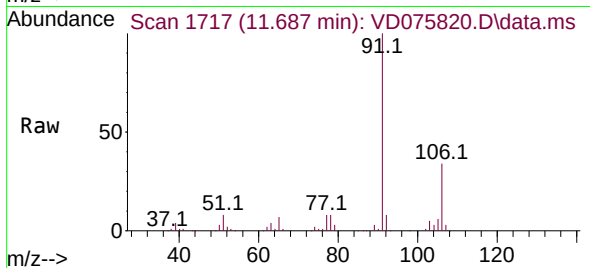




#52
Ethylbenzene
Concen: 22.395 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

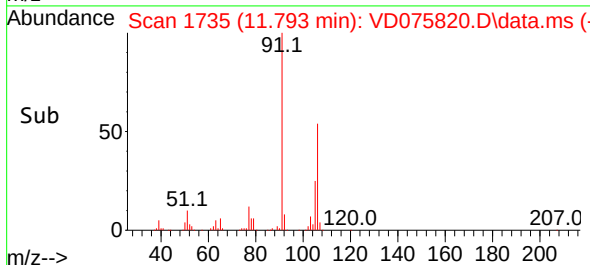
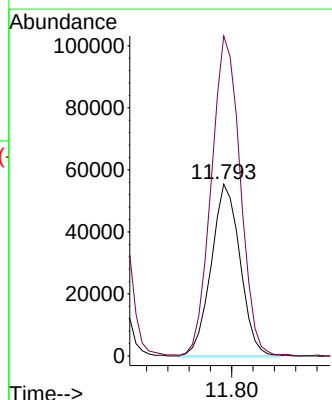
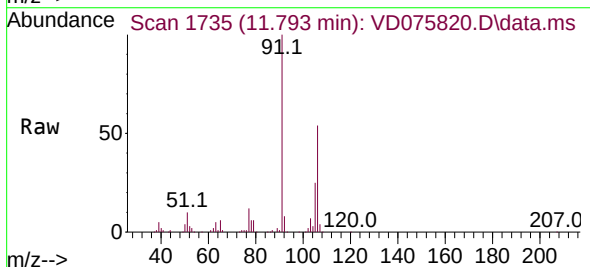
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

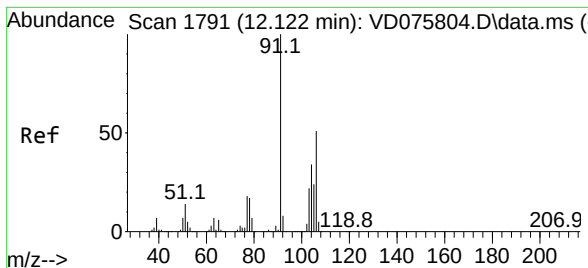
Tgt Ion: 91 Resp: 267502
Ion Ratio Lower Upper
91 100
106 33.9 23.7 43.9



#53
m,p-Xylene
Concen: 21.829 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion: 106 Resp: 103823
Ion Ratio Lower Upper
106 100
91 186.3 130.9 243.1





#54

o-Xylene

Concen: 22.173 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

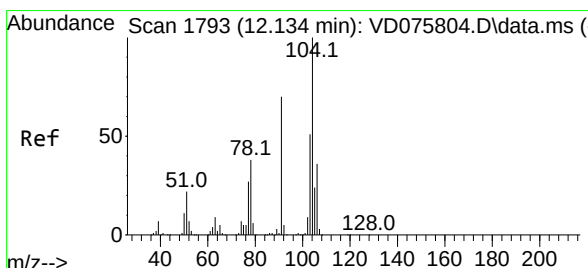
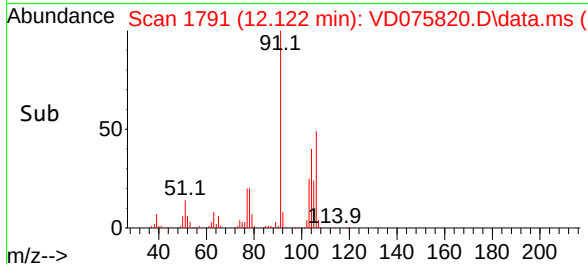
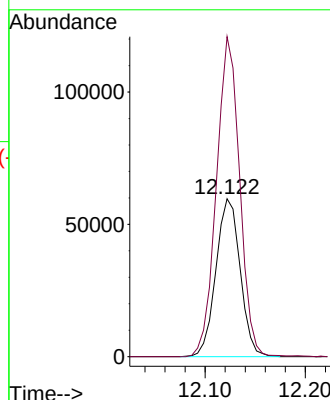
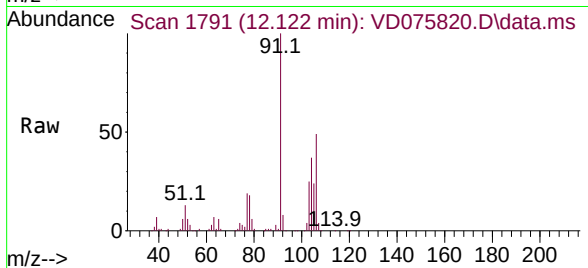
EW925MS

Tgt Ion:106 Resp: 100164

Ion Ratio Lower Upper

106 100

91 202.6 139.8 259.6



#55

Styrene

Concen: 24.499 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD075820.D

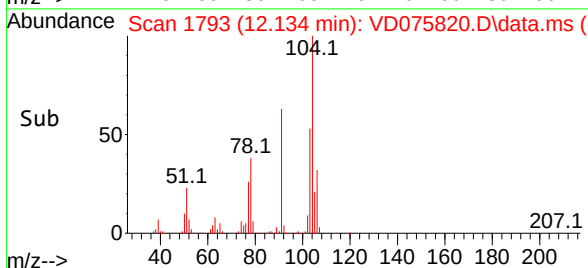
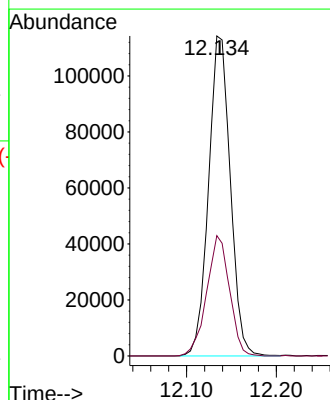
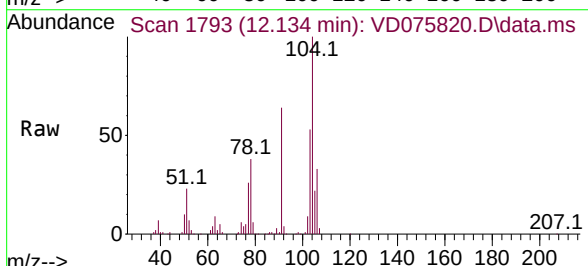
Acq: 25 Apr 2023 19:22

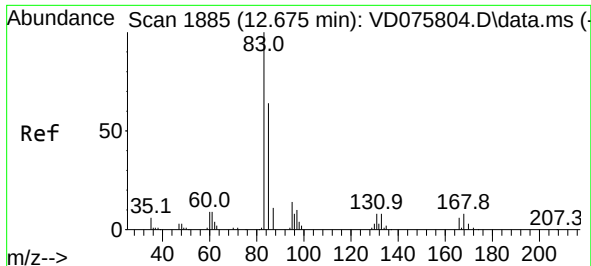
Tgt Ion:104 Resp: 192624

Ion Ratio Lower Upper

104 100

78 37.6 26.2 48.6

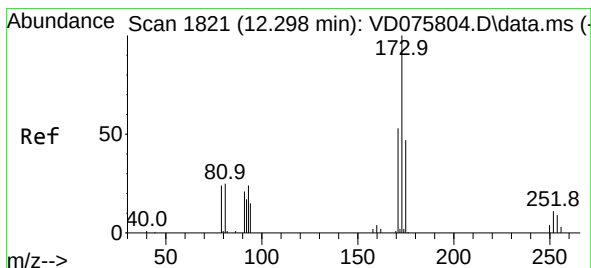
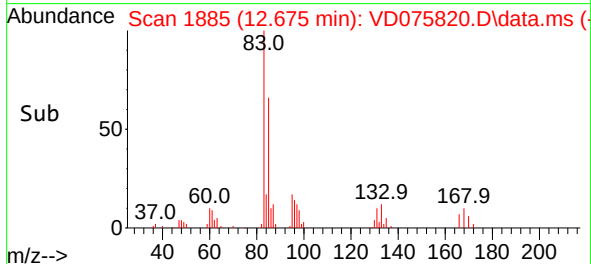
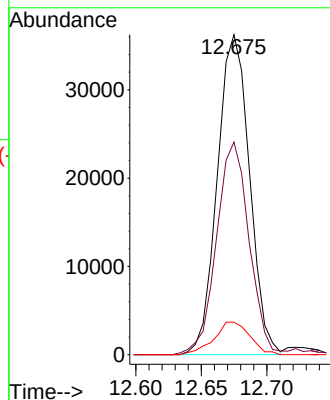
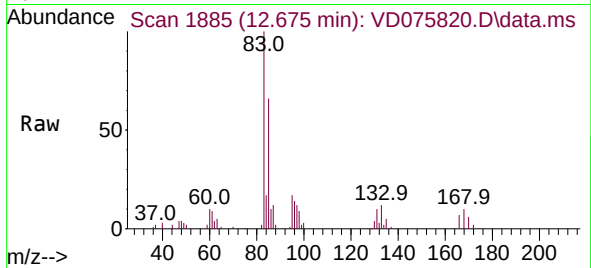




#57
1,1,2,2-Tetrachloroethane
Concen: 28.934 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

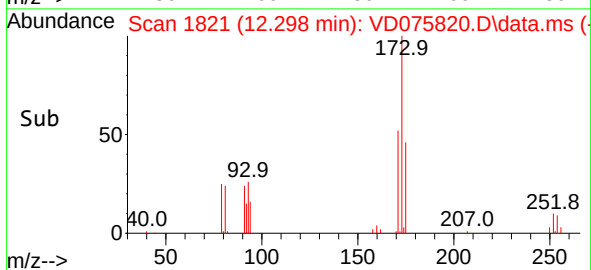
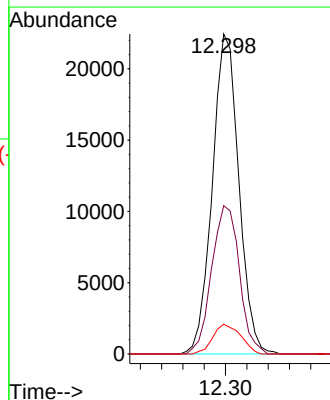
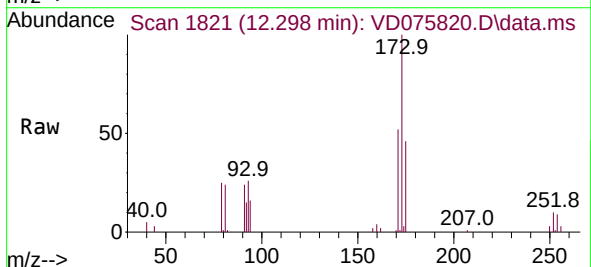
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

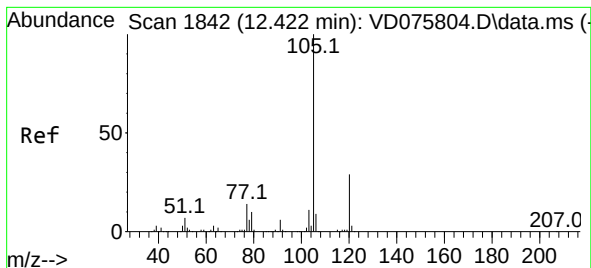
Tgt Ion: 83 Resp: 61927
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.7
131 10.2 7.0 10.6



#59
Bromoform
Concen: 58.424 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion:173 Resp: 38736
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.0
254 9.8 7.4 11.2





#60

Isopropylbenzene

Concen: 31.681 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

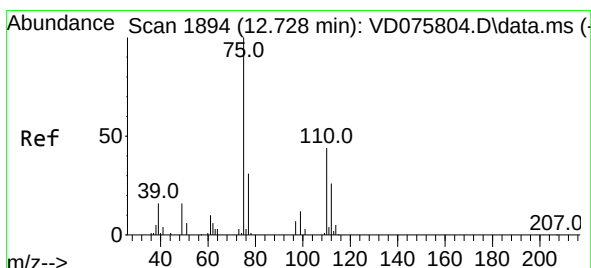
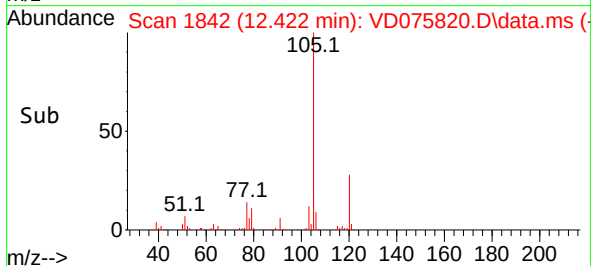
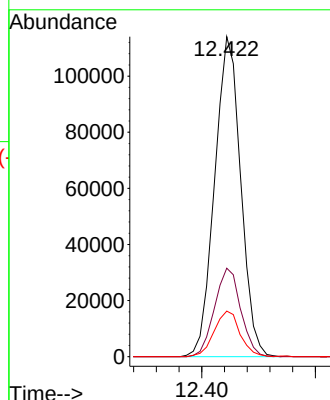
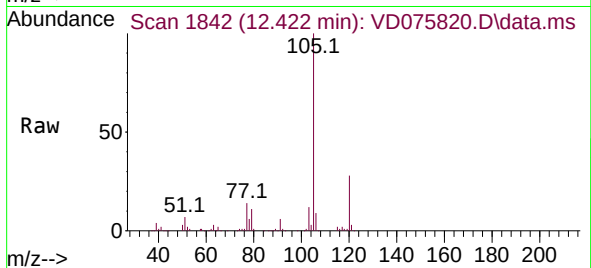
Tgt Ion:105 Resp: 181730

Ion Ratio Lower Upper

105 100

120 27.7 22.7 34.1

77 14.2 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 62.414 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

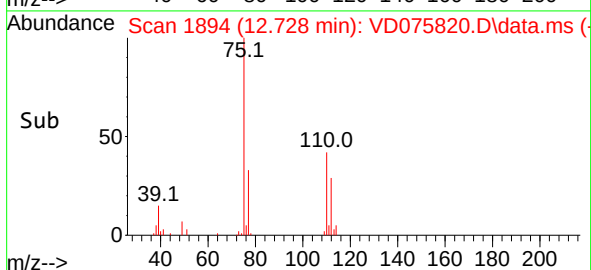
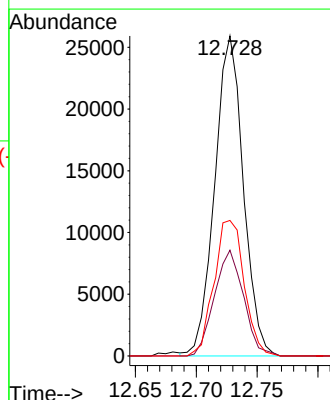
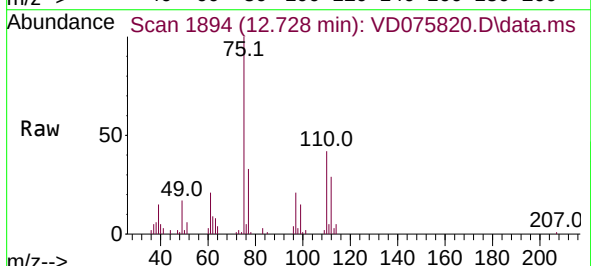
Tgt Ion: 75 Resp: 42416

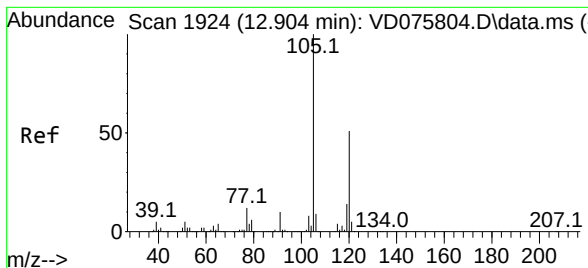
Ion Ratio Lower Upper

75 100

77 33.6 26.6 39.8

110 44.7 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 24.422 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

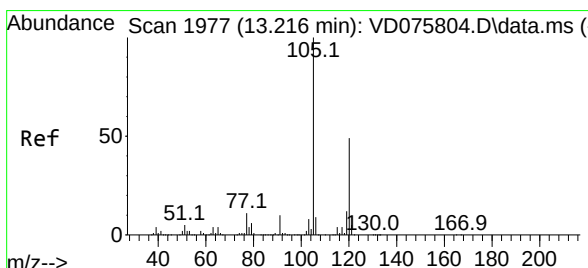
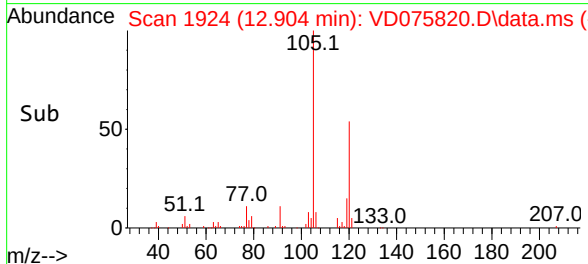
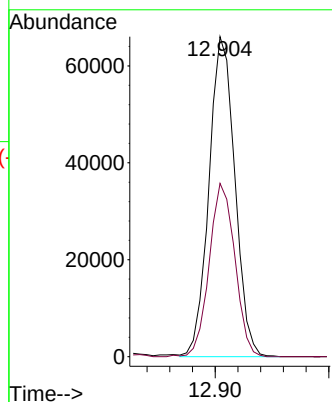
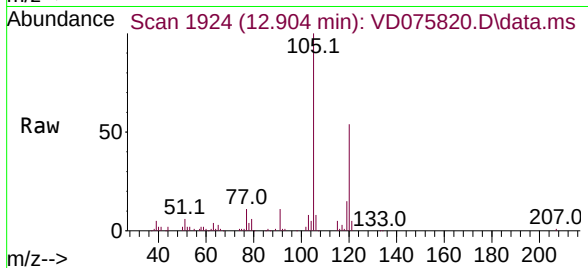
EW925MS

Tgt Ion:105 Resp: 104464

Ion Ratio Lower Upper

105 100

120 53.4 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 24.044 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075820.D

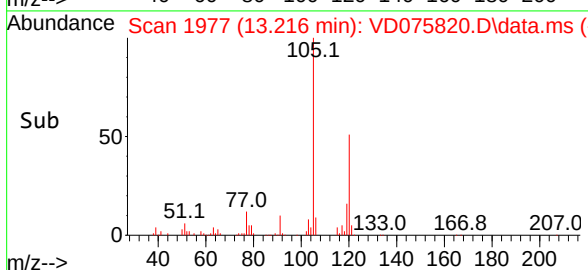
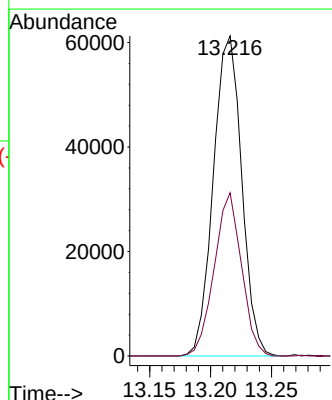
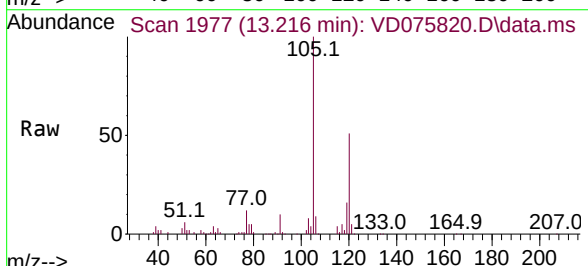
Acq: 25 Apr 2023 19:22

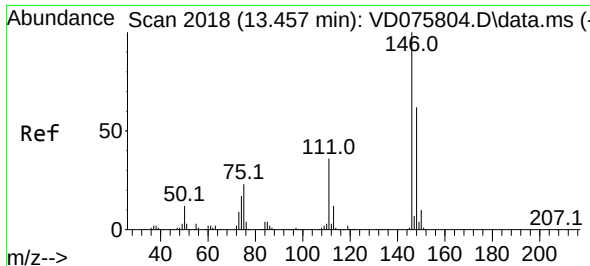
Tgt Ion:105 Resp: 99141

Ion Ratio Lower Upper

105 100

120 49.0 39.0 58.6

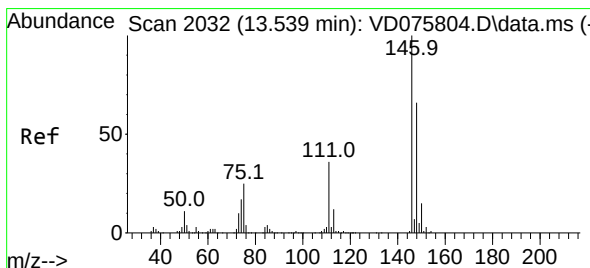
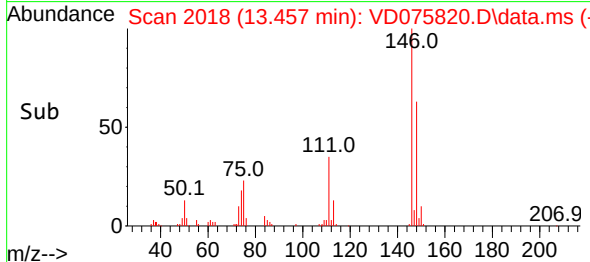
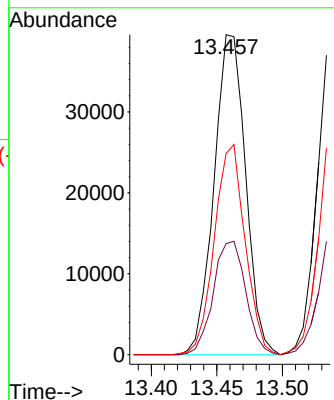
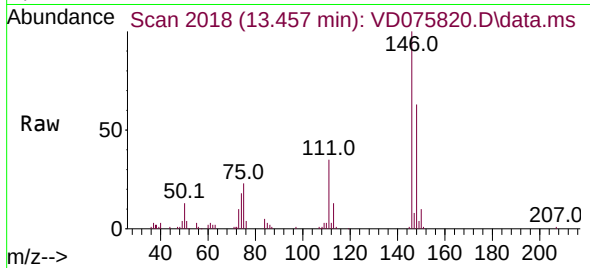




#64
1,3-Dichlorobenzene
Concen: 24.120 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

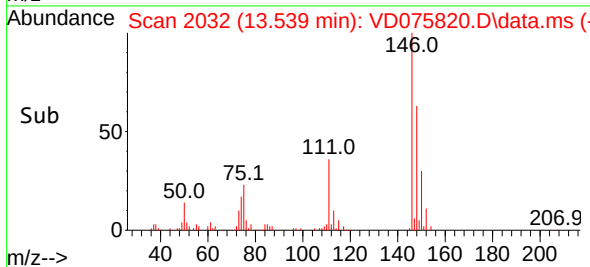
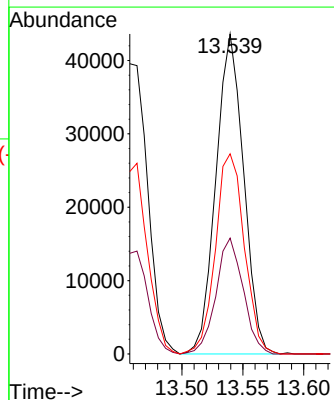
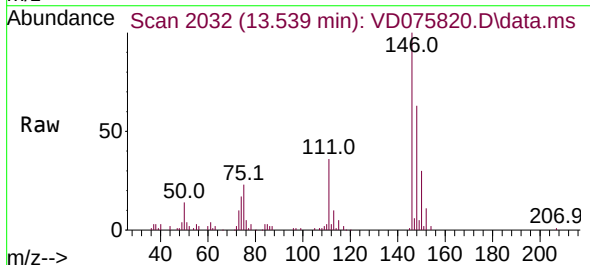
Instrument :
MSVOA_D
ClientSampleId :
EW925MS

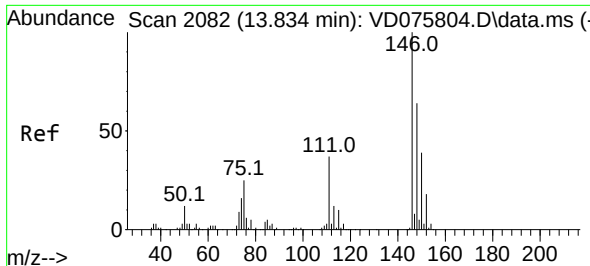
Tgt Ion:146 Resp: 66202
Ion Ratio Lower Upper
146 100
111 34.7 26.5 49.1
148 62.9 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.996 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion:146 Resp: 69123
Ion Ratio Lower Upper
146 100
111 36.2 24.6 45.8
148 62.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.859 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

EW925MS

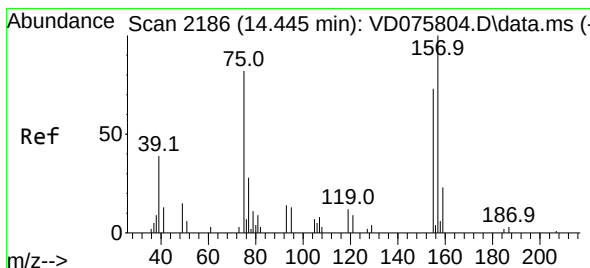
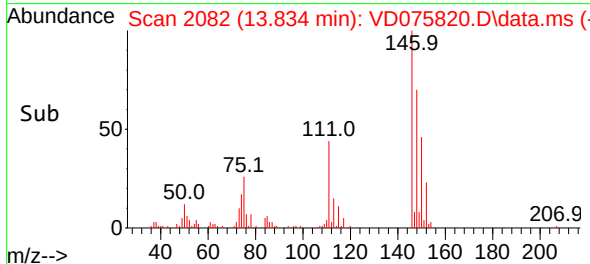
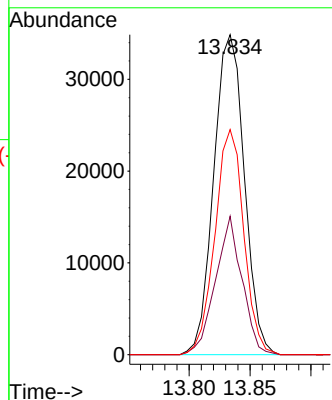
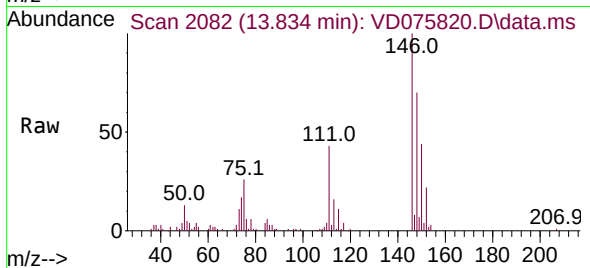
Tgt Ion:146 Resp: 60930

Ion Ratio Lower Upper

146 100

111 43.2 30.6 46.0

148 70.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 46.093 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075820.D

Acq: 25 Apr 2023 19:22

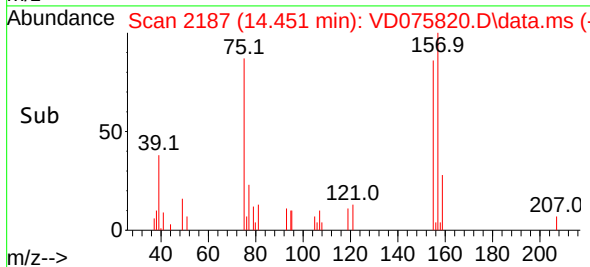
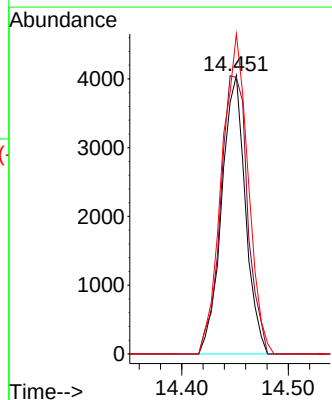
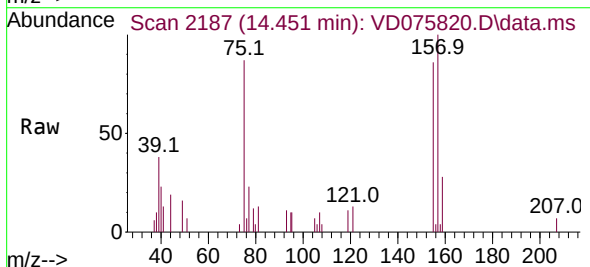
Tgt Ion: 75 Resp: 6262

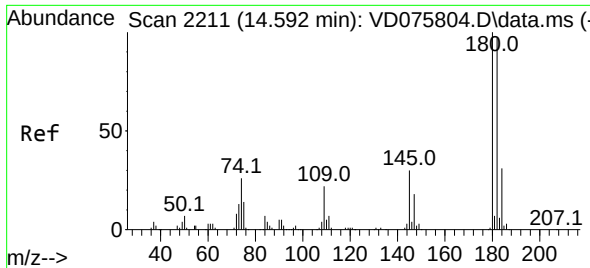
Ion Ratio Lower Upper

75 100

155 99.3 74.6 111.8

157 114.9 109.4 164.2

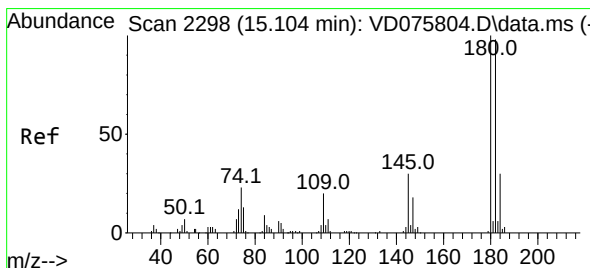
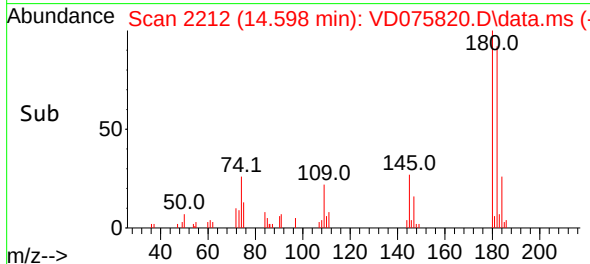
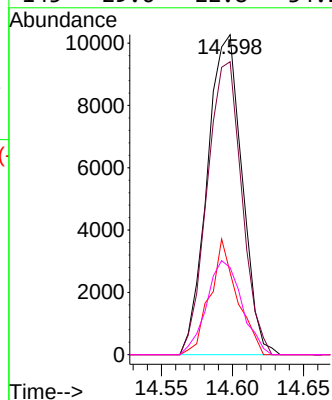
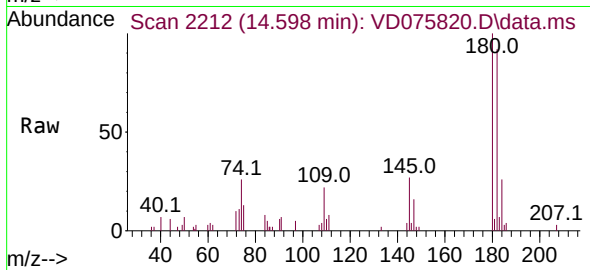




#69
 1,3,5-Trichlorobenzene
 Concen: 9.500 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

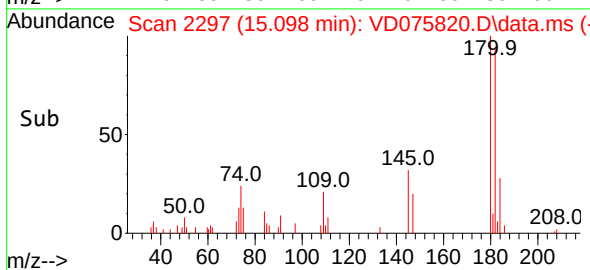
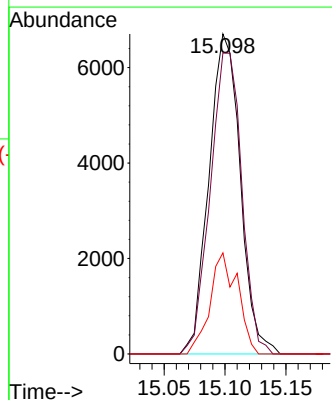
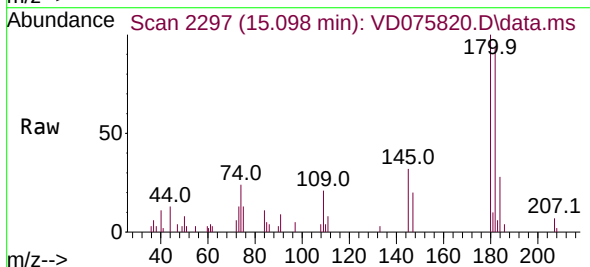
Instrument :
 MSVOA_D
 ClientSampleId :
 EW925MS

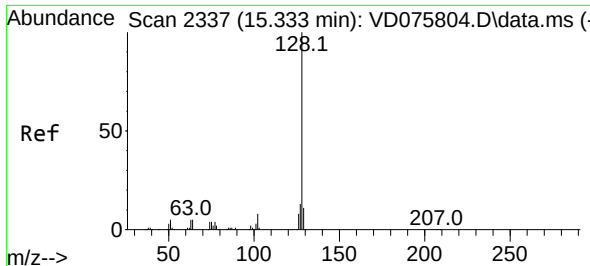
Tgt Ion:180	Resp:	17476
Ion Ratio	Lower	Upper
180	100	
182	91.1	74.9 112.3
184	28.2	25.0 37.4
145	29.6	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 7.879 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075820.D
 Acq: 25 Apr 2023 19:22

Tgt Ion:180	Resp:	12011
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.4 113.2
145	27.8	23.6 35.4

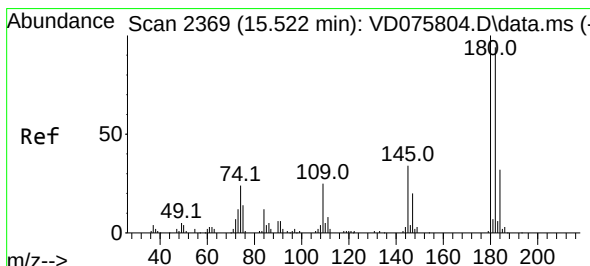
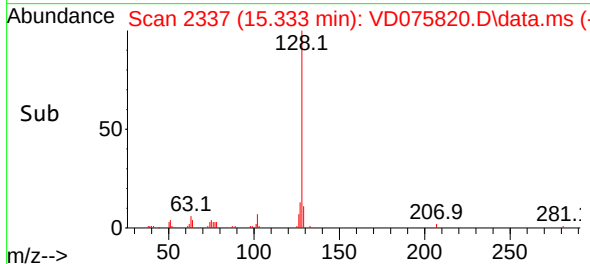
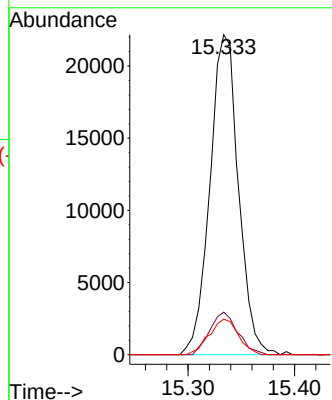
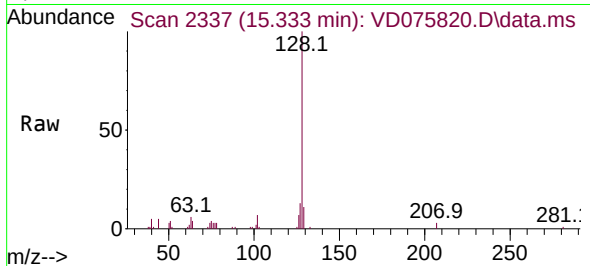




#71
Naphthalene
Concen: 14.785 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :
EW925MS

Tgt Ion:	128	Resp:	41248
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.4	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 6.823 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075820.D
Acq: 25 Apr 2023 19:22

Tgt Ion:	180	Resp:	9285
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.3	114.5
145	33.2	25.0	37.6

