

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075861.D
 Acq On : 27 Apr 2023 15:09
 Operator : KP/SY
 Sample : 02447-18REMS
 Misc : 4.94G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MS

Quant Time: Apr 28 02:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	358354	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	285124	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	100548	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	207541	26.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.600%
7) Chloroethane-d5	2.799	69	177555	26.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.560%
11) 1,1-Dichloroethene-d2	3.917	65	43617	24.066	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.280%
21) 2-Butanone-d5	6.987	46	32530	47.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.340%
24) Chloroform-d	7.569	84	220715	24.630	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	8.234	65	92818	24.255	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	8.204	84	467679	28.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.560%
36) 1,2-Dichloropropane-d6	9.210	67	132075	28.713	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.840%
41) Toluene-d8	10.269	98	410336	26.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.480%
43) trans-1,3-Dichloroprop...	10.522	79	46755	24.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.875	63	29583	53.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.820%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89196	25.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	79458	22.342	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	141082	28.558	ug/L	97
3) Chloromethane	2.146	50	207209	30.088	ug/L	98
5) Vinyl chloride	2.281	62	247210	27.466	ug/L	99
6) Bromomethane	2.693	94	137827	22.789	ug/L	99
8) Chloroethane	2.834	64	159410	27.385	ug/L	99
9) Trichlorofluoromethane	3.175	101	187206	25.886	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	122609	25.236	ug/L	99
12) 1,1-Dichloroethene	3.940	96	121946	25.881	ug/L	87
13) Acetone	4.022	43	31673	54.232	ug/L	94
14) Carbon disulfide	4.269	76	385904	23.449	ug/L	97
15) Methyl Acetate	4.564	43	30340	23.971	ug/L #	57
16) Methylene chloride	4.799	84	148539	20.433	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	130269	24.657	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	214188	25.273	ug/L	99
19) 1,1-Dichloroethane	6.116	63	207796	26.848	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	135637	24.279	ug/L	96
22) 2-Butanone	7.081	43	40490	53.179	ug/L	98
23) Bromochloromethane	7.428	128	64940	25.065	ug/L #	92
25) Chloroform	7.599	83	218850	25.230	ug/L	99

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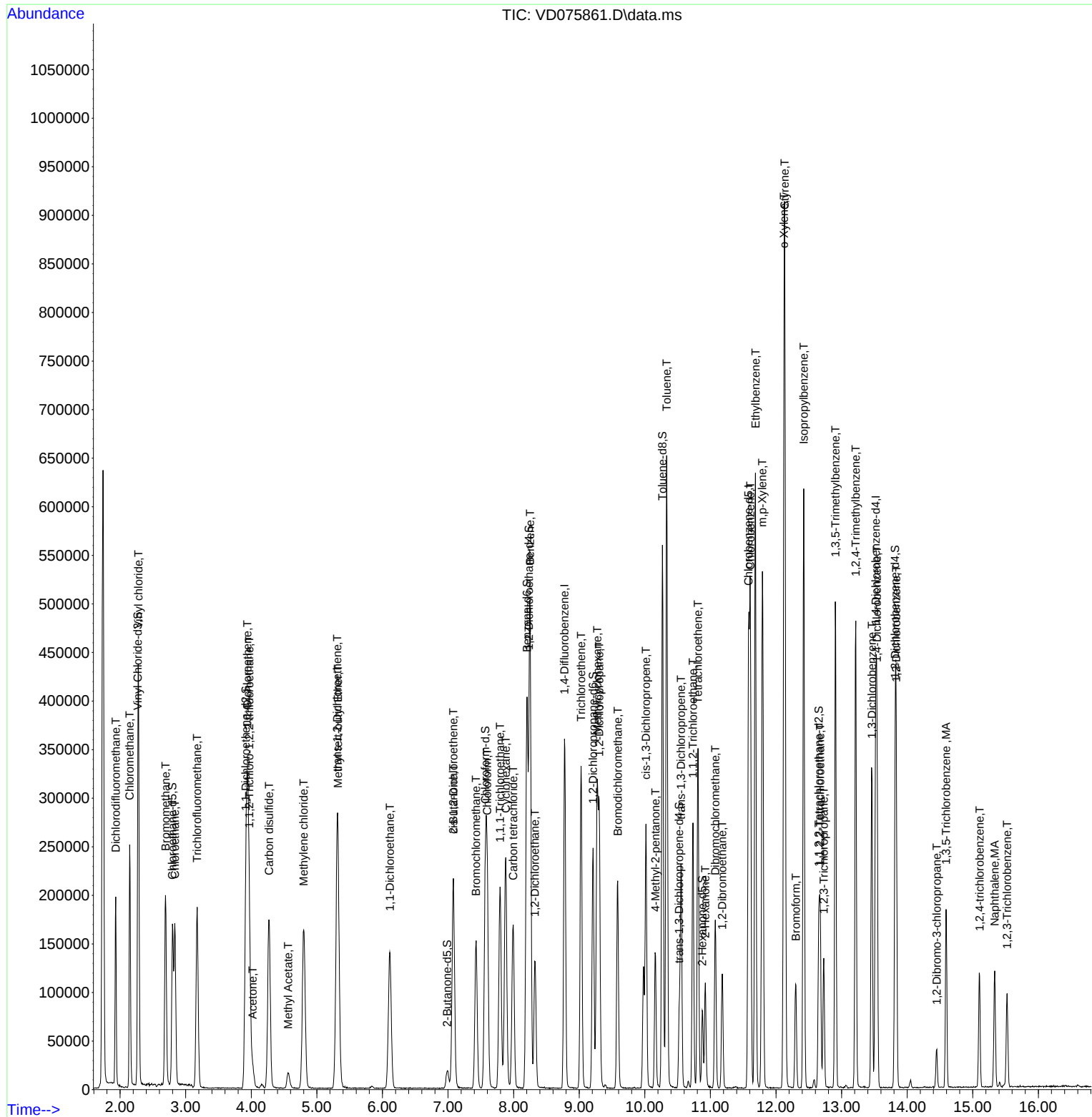
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	117187	26.172	ug/L	99
29) Cyclohexane	7.881	56	124719	25.552	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	173804	28.811	ug/L	99
31) Carbon tetrachloride	7.993	117	137758	28.463	ug/L	96
33) Benzene	8.252	78	509567	29.546	ug/L	100
34) Trichloroethene	9.028	95	119405	26.772	ug/L	97
35) Methylcyclohexane	9.275	83	137420	19.984	ug/L	97
37) 1,2-Dichloropropane	9.304	63	121104	30.568	ug/L	99
38) Bromodichloromethane	9.587	83	151568	28.374	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	168904	26.808	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	83773	57.997	ug/L	98
42) Toluene	10.334	91	527148	28.244	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	138159	27.296	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	92774	27.526	ug/L	97
46) Tetrachloroethene	10.810	164	84740	23.164	ug/L	98
48) 2-Hexanone	10.922	43	61347	60.245	ug/L	93
49) Dibromochloromethane	11.075	129	96340	26.257	ug/L	96
50) 1,2-Dibromoethane	11.181	107	81448	26.804	ug/L #	90
51) Chlorobenzene	11.610	112	299061	24.493	ug/L	98
52) Ethylbenzene	11.687	91	469388	24.526	ug/L	97
53) m,p-Xylene	11.793	106	192174	25.217	ug/L	99
54) o-Xylene	12.122	106	182947	25.275	ug/L	94
55) Styrene	12.134	104	310165	24.620	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	87272	25.449	ug/L	98
59) Bromoform	12.304	173	51054	33.130	ug/L	99
60) Isopropylbenzene	12.422	105	403888	30.294	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	56976	36.072	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	275790	27.741	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	262981	27.441	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	152146	23.850	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	154687	23.105	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	137754	24.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	9578	30.333	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	60242	14.089	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	40139	11.328	ug/L	97
71) Naphthalene	15.334	128	111243	17.156	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	35576	11.248	ug/L	95

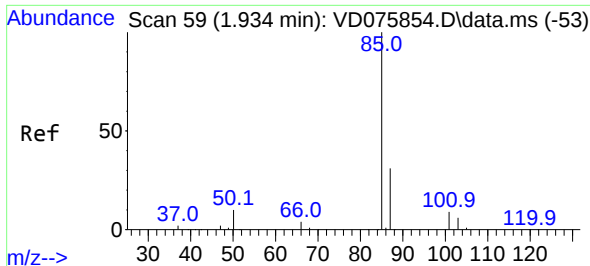
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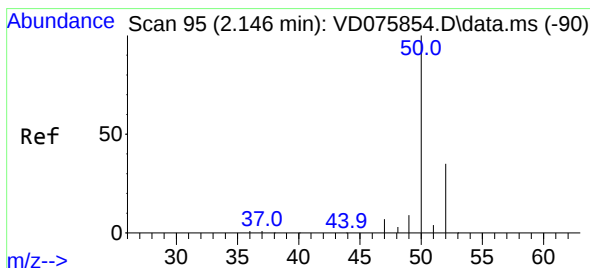
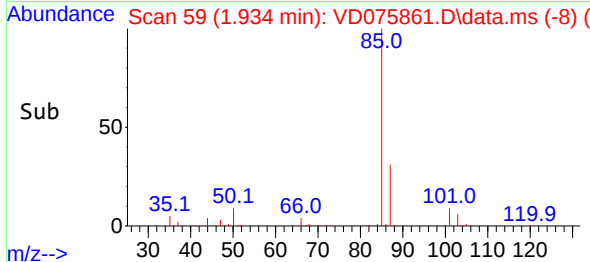
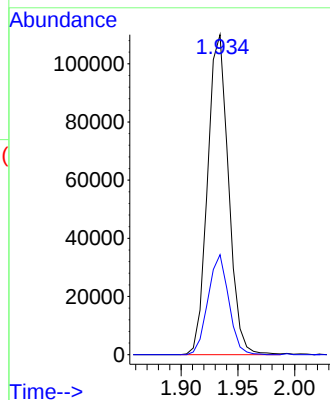
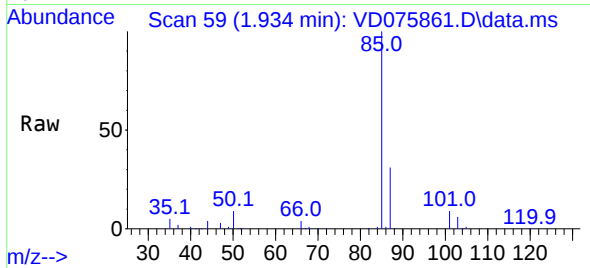




#2
 Dichlorodifluoromethane
 Concen: 28.558 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

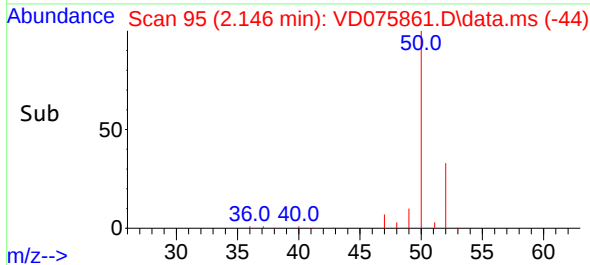
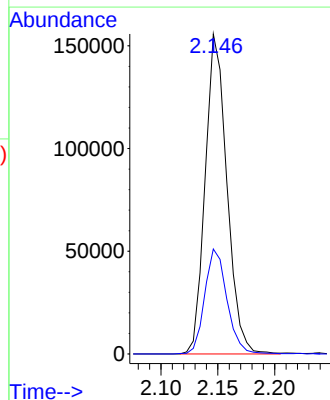
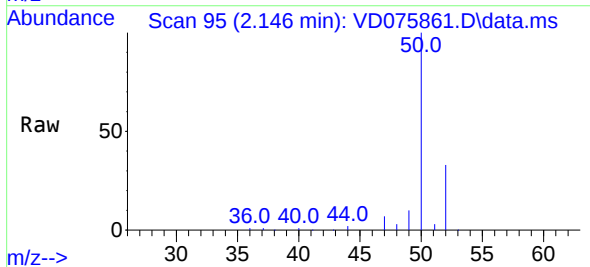
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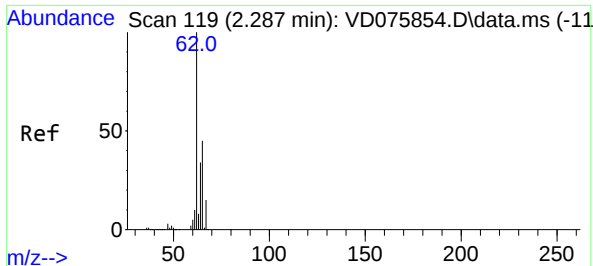
Tgt Ion: 85 Resp: 141082
 Ion Ratio Lower Upper
 85 100
 87 30.9 25.8 38.8



#3
 Chloromethane
 Concen: 30.088 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

Tgt Ion: 50 Resp: 207209
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 44.1

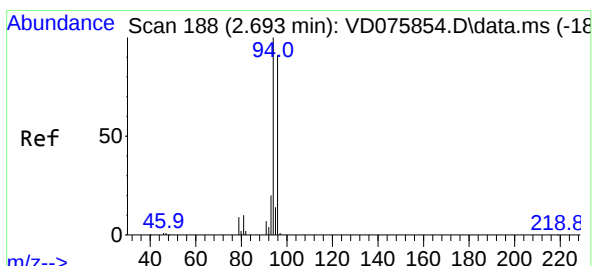
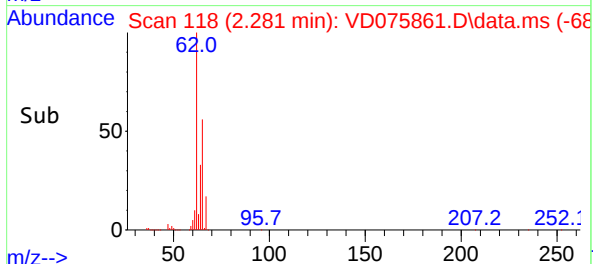
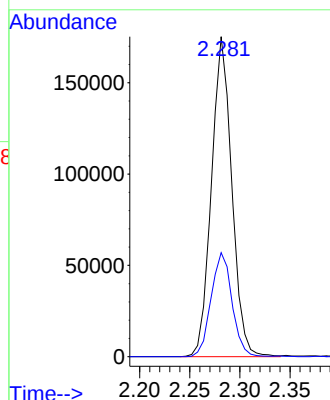
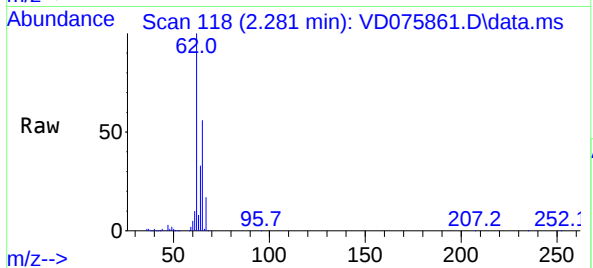




#5
 Vinyl chloride
 Concen: 27.466 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

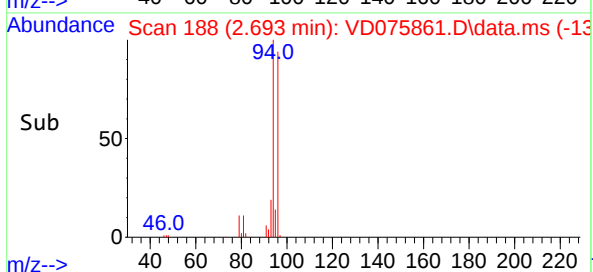
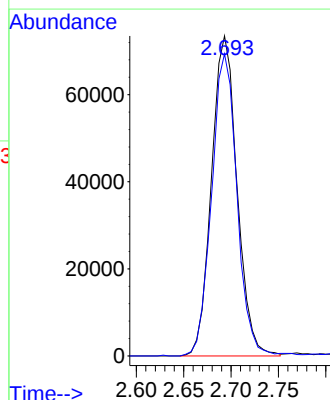
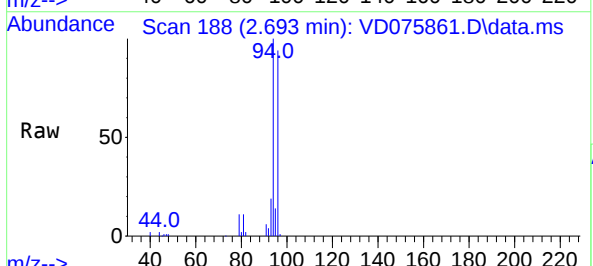
Instrument :
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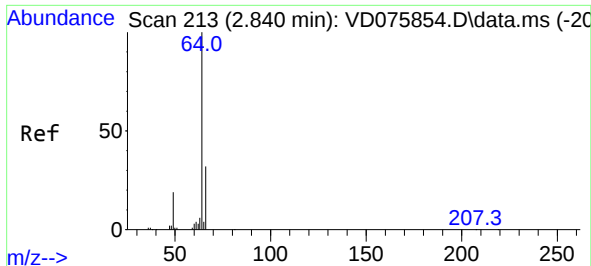
Tgt Ion: 62 Resp: 247210
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0



#6
 Bromomethane
 Concen: 22.789 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

Tgt Ion: 94 Resp: 137827
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9

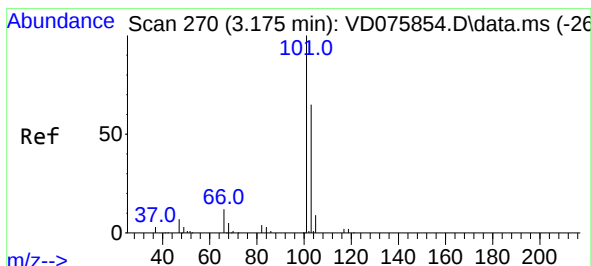
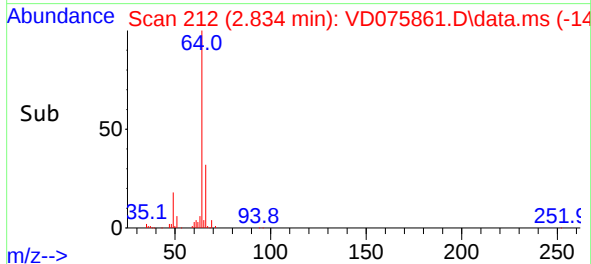
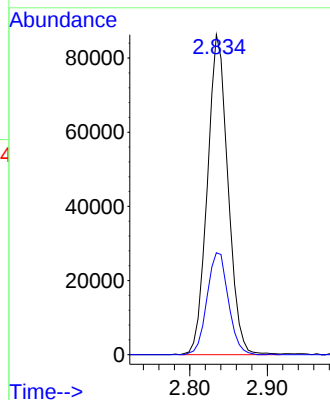
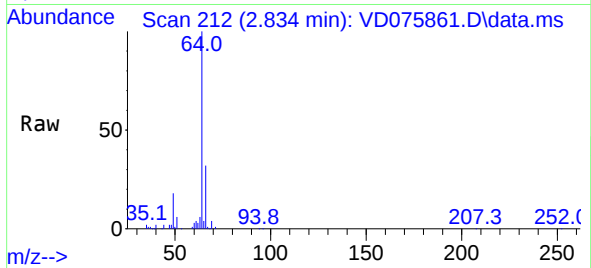




#8
Chloroethane
Concen: 27.385 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

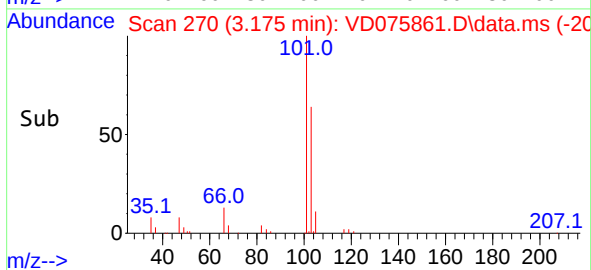
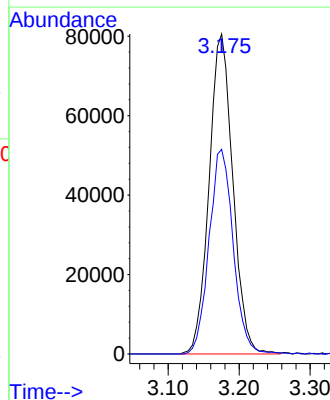
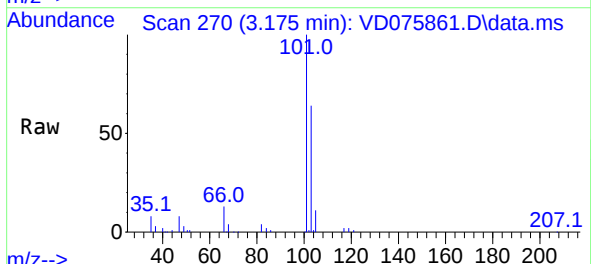
Instrument :
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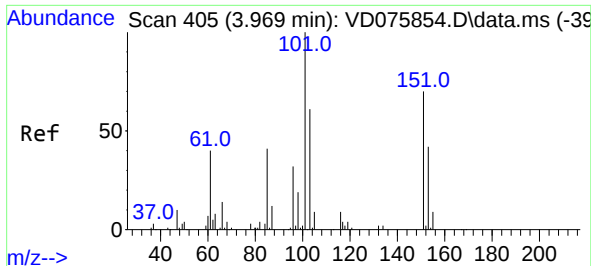
Tgt Ion: 64 Resp: 159410
Ion Ratio Lower Upper
64 100
66 31.9 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.886 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 101 Resp: 187206
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

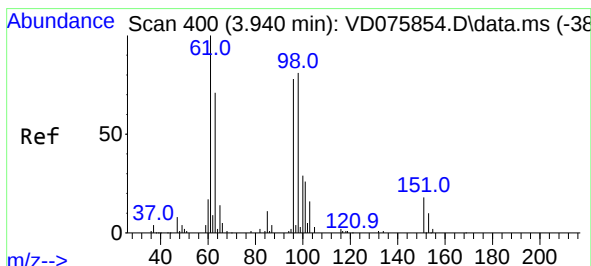
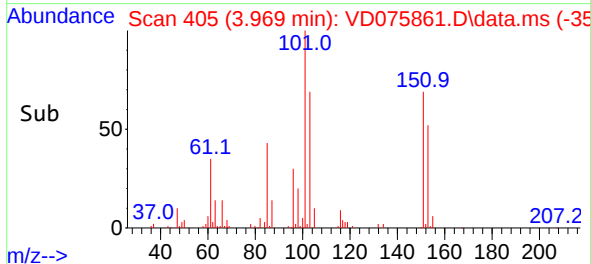
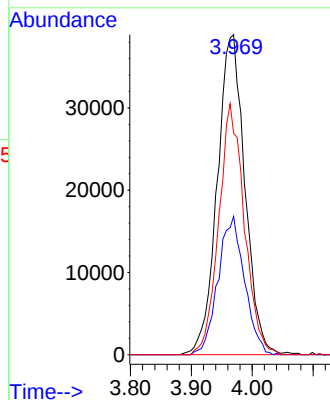
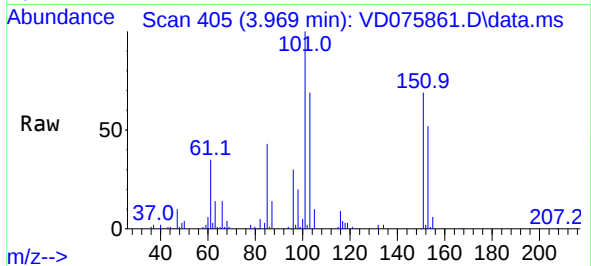




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.236 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

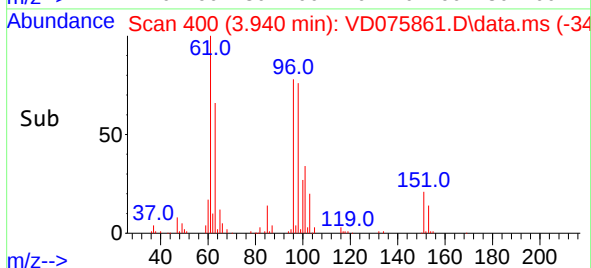
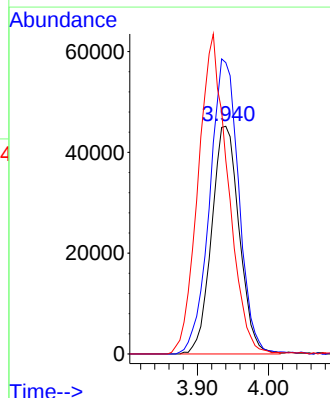
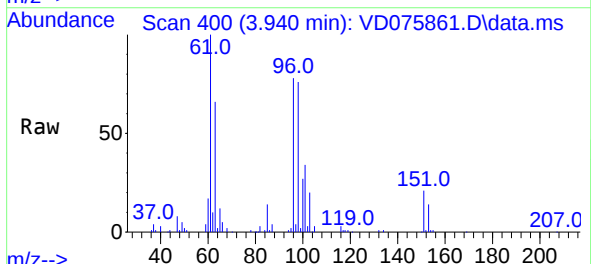
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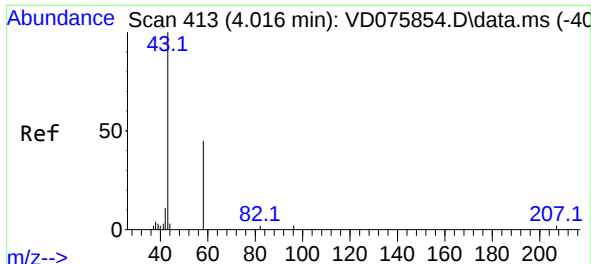
Tgt Ion:101 Resp: 122609
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.9 49.3
 151 72.5 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 25.881 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

Tgt Ion: 96 Resp: 121946
 Ion Ratio Lower Upper
 96 100
 61 127.9 92.6 172.0
 63 85.0 77.4 143.8

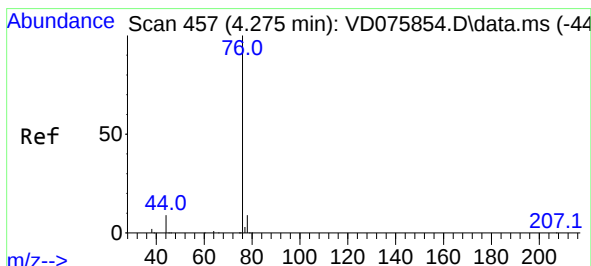
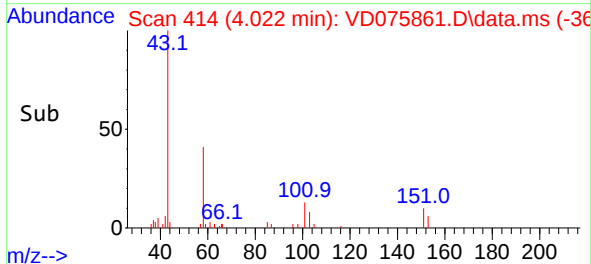
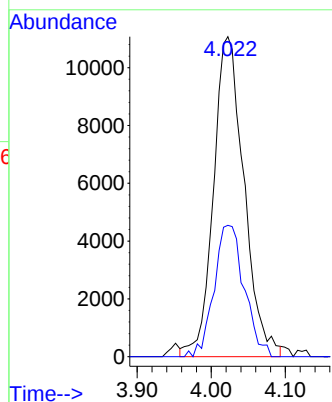
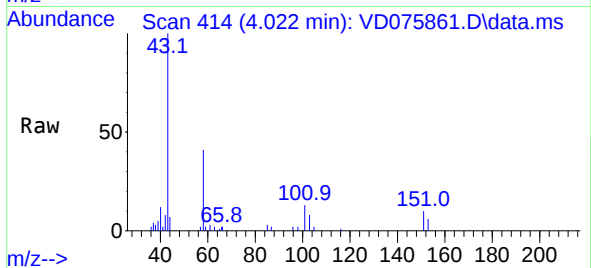




#13
Acetone
Concen: 54.232 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD075861.D
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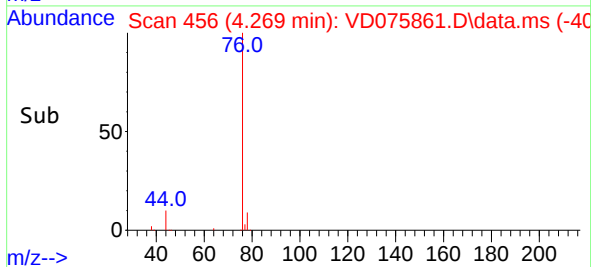
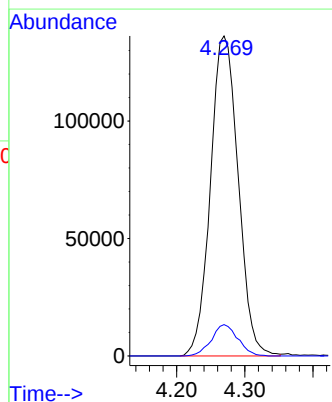
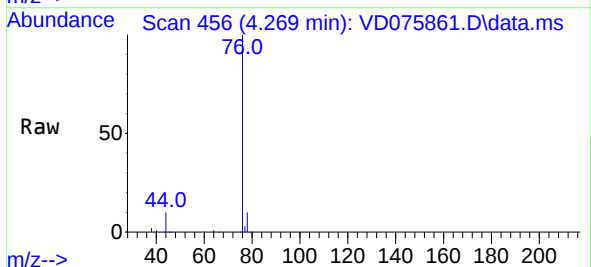
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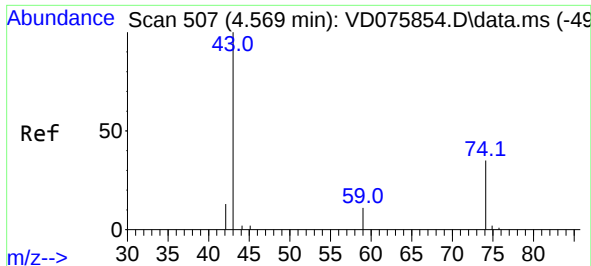
Tgt Ion: 43 Resp: 31673
Ion Ratio Lower Upper
43 100
58 39.9 0.0 87.4



#14
Carbon disulfide
Concen: 23.449 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 76 Resp: 385904
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

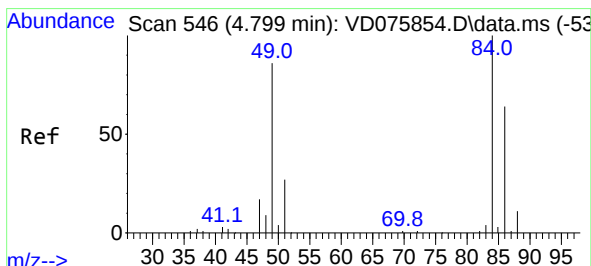
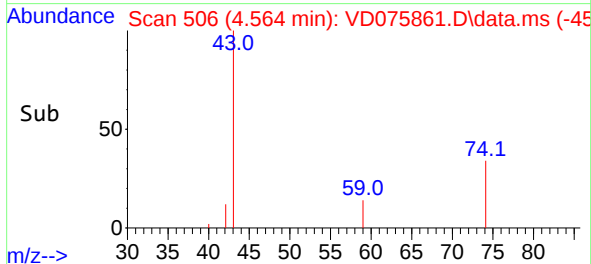
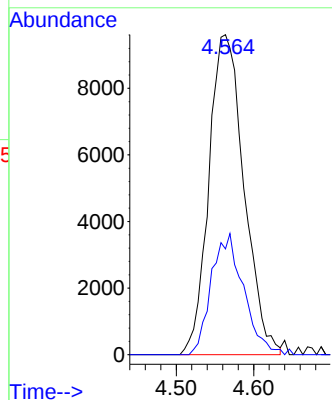
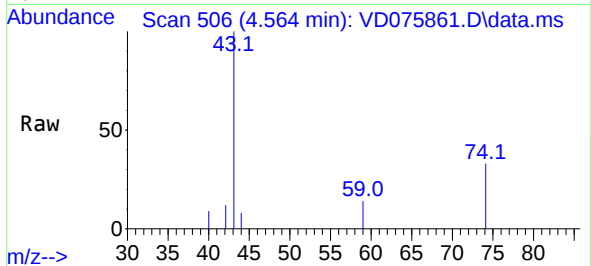




#15
Methyl Acetate
Concen: 23.971 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

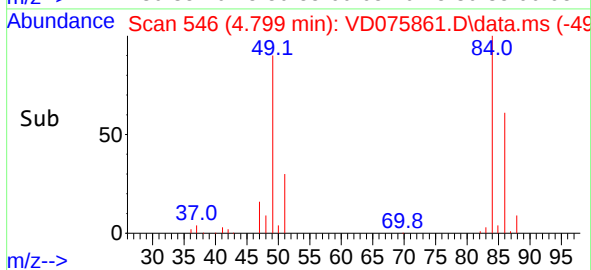
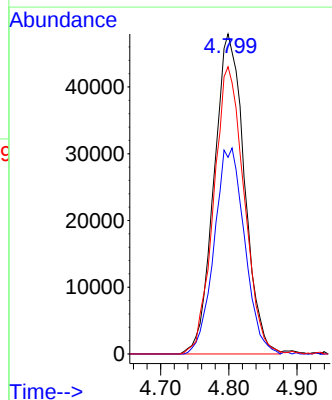
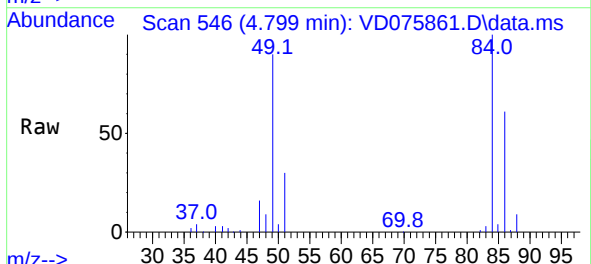
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

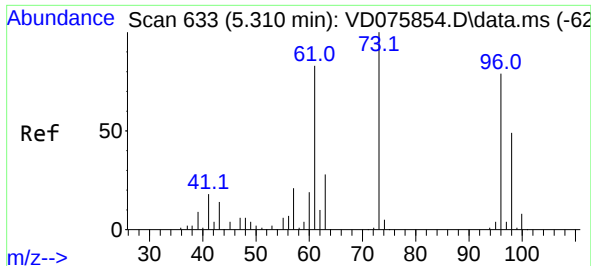
Tgt Ion: 43 Resp: 30340
Ion Ratio Lower Upper
43 100
74 34.4 12.8 19.2#



#16
Methylene chloride
Concen: 20.433 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 84 Resp: 148539
Ion Ratio Lower Upper
84 100
86 61.5 45.8 85.2
49 89.8 60.8 112.8

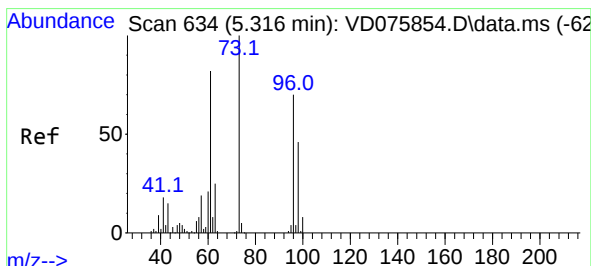
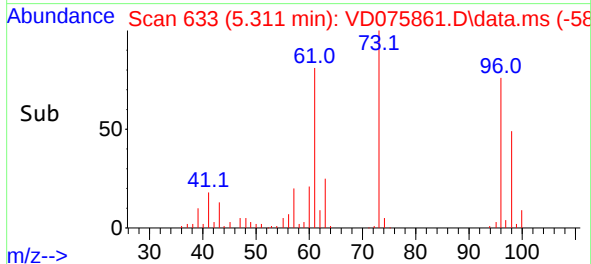
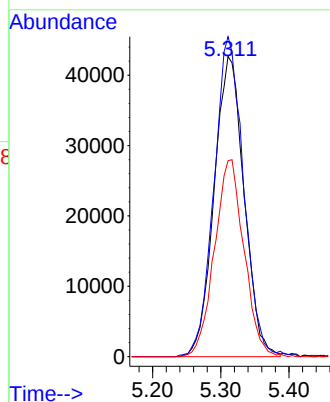
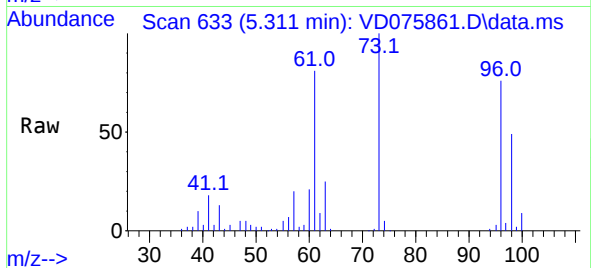




#17
trans-1,2-Dichloroethene
Concen: 24.657 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

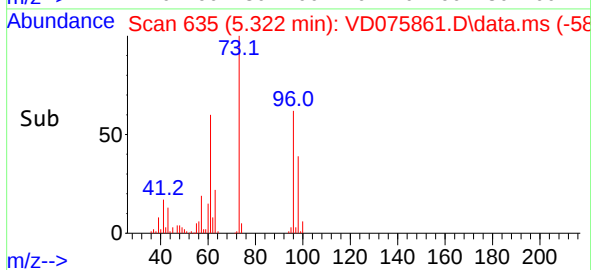
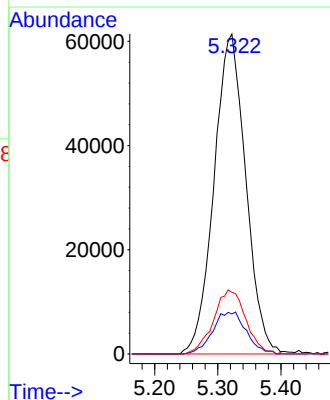
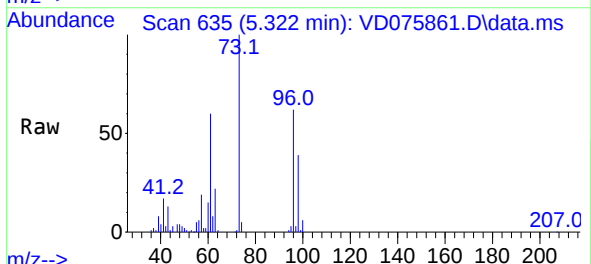
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

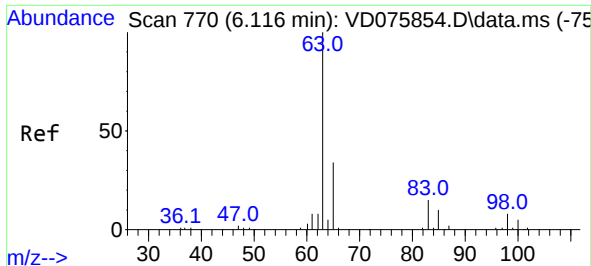
Tgt Ion: 96 Resp: 130269
Ion Ratio Lower Upper
96 100
61 106.6 72.9 135.5
98 65.3 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 25.273 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 73 Resp: 214188
Ion Ratio Lower Upper
73 100
43 13.7 11.3 16.9
57 20.3 16.3 24.5





#19

1,1-Dichloroethane

Concen: 26.848 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

Instrument :

MSVOA_D

ClientSampleId :

EW937MS

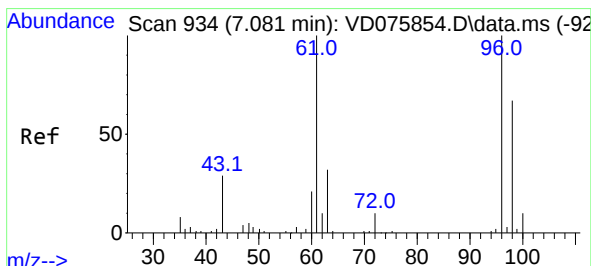
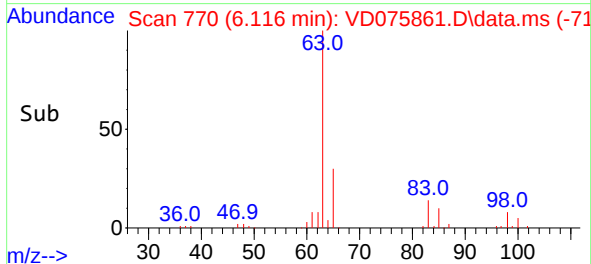
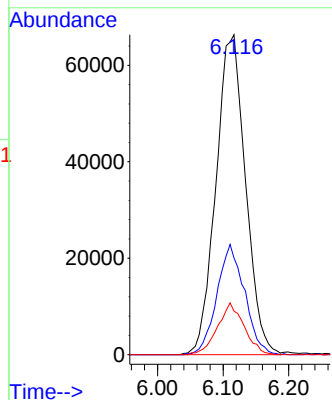
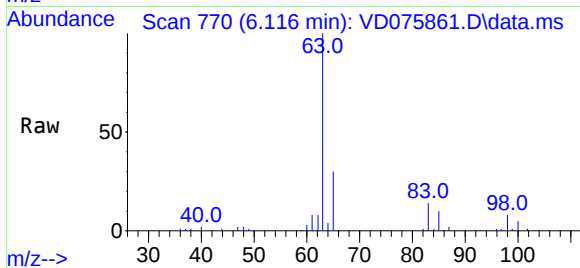
Tgt Ion: 63 Resp: 207796

Ion Ratio Lower Upper

63 100

65 30.3 22.8 42.4

83 13.6 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 24.279 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

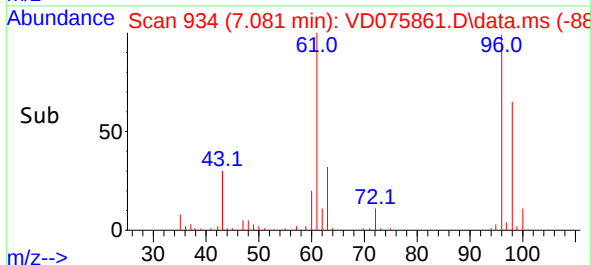
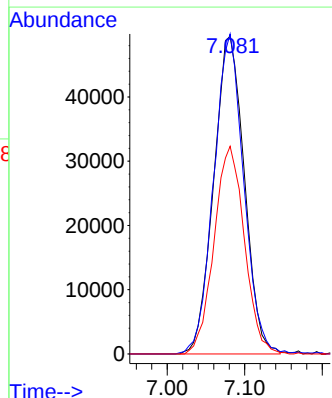
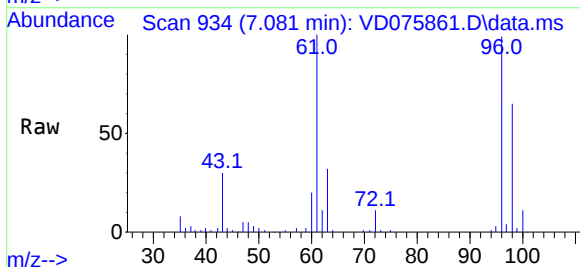
Tgt Ion: 96 Resp: 135637

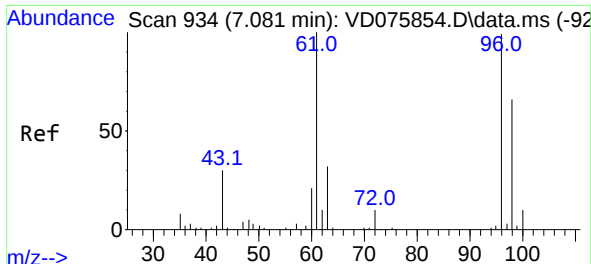
Ion Ratio Lower Upper

96 100

61 100.7 67.5 125.3

98 65.4 47.5 88.1

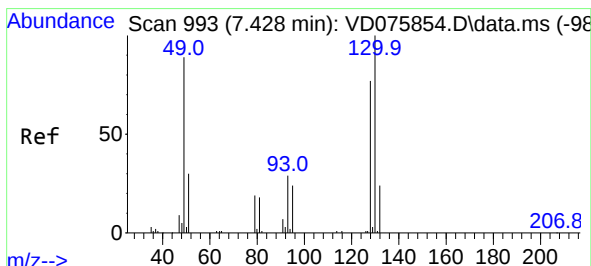
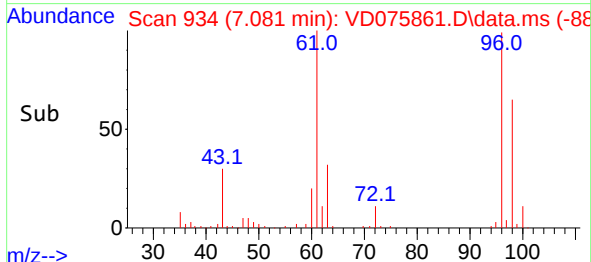
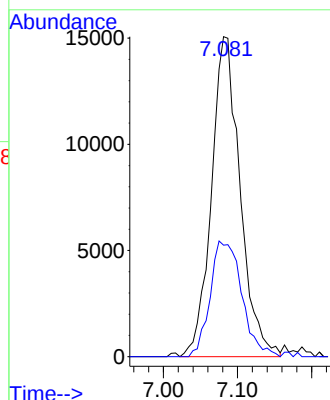
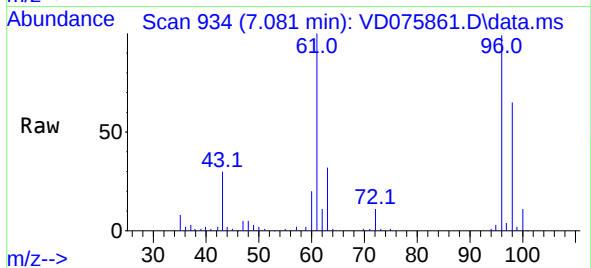




#22
2-Butanone
Concen: 53.179 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

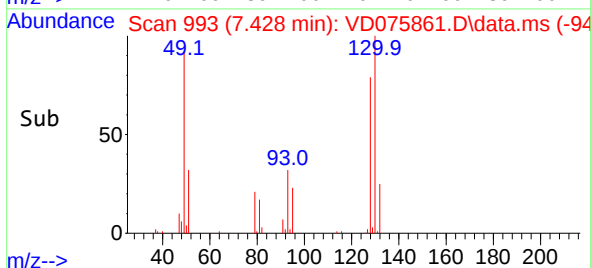
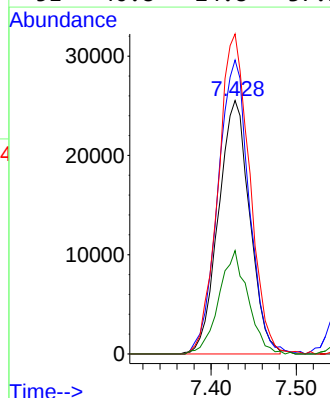
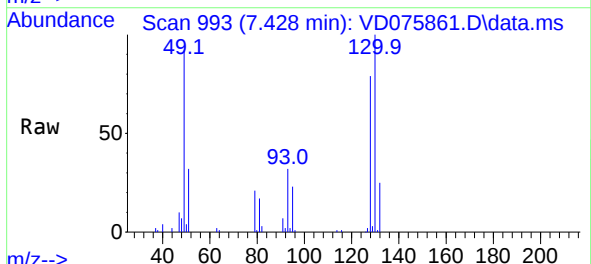
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

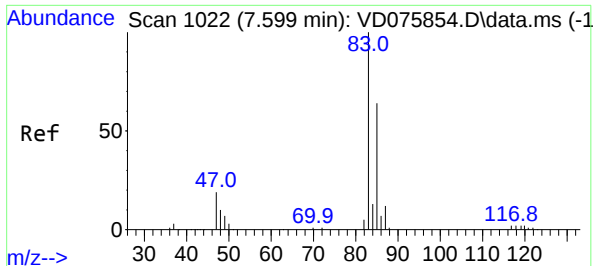
Tgt Ion: 43 Resp: 40490
Ion Ratio Lower Upper
43 100
72 39.8 20.5 61.5



#23
Bromochloromethane
Concen: 25.065 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion:128 Resp: 64940
Ion Ratio Lower Upper
128 100
49 115.9 76.4 142.0
130 126.2 93.5 173.7
51 40.8 24.8 37.2#





#25

Chloroform

Concen: 25.230 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

Instrument :

MSVOA_D

ClientSampleId :

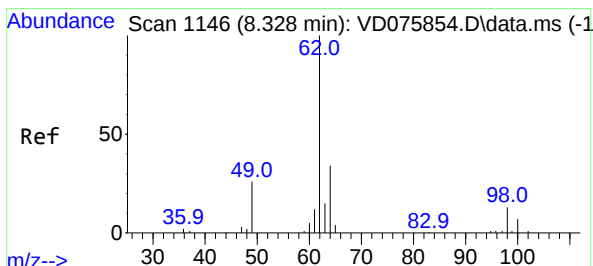
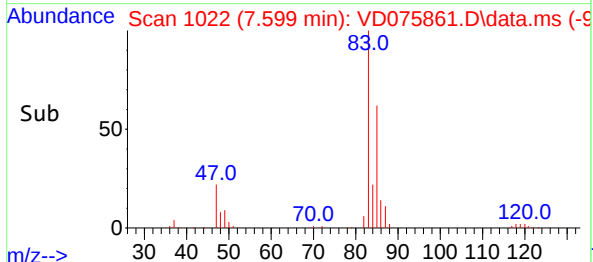
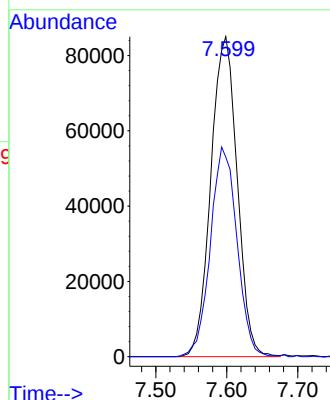
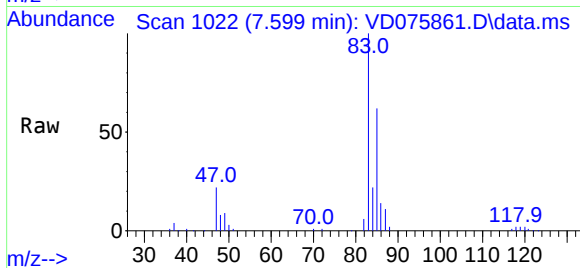
EW937MS

Tgt Ion: 83 Resp: 218850

Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 26.172 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075861.D

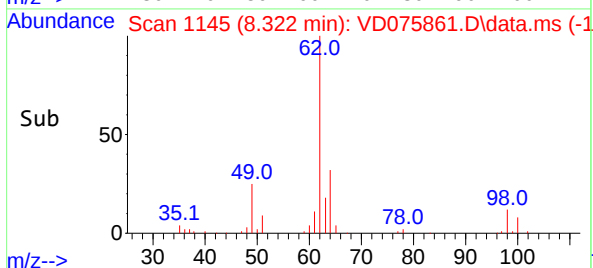
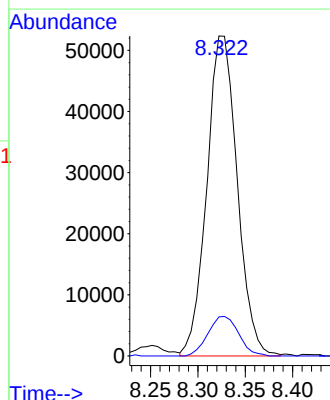
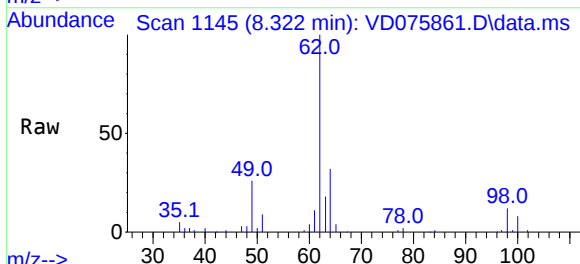
Acq: 27 Apr 2023 15:09

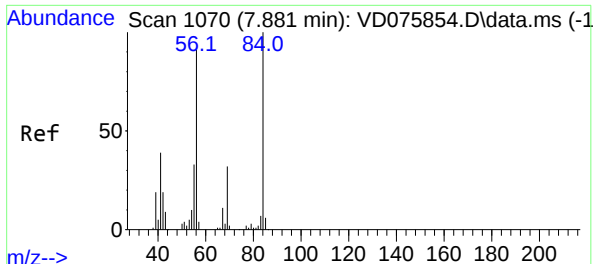
Tgt Ion: 62 Resp: 117187

Ion Ratio Lower Upper

62 100

98 12.2 10.2 15.2





#29

Cyclohexane

Concen: 25.552 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

Instrument :

MSVOA_D

ClientSampleId :

EW937MS

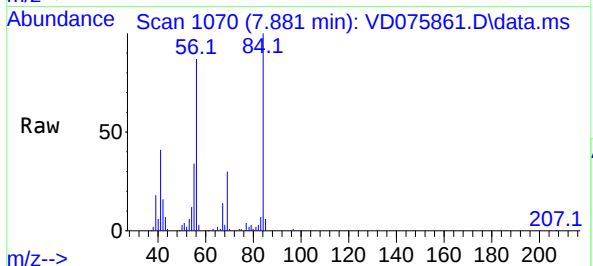
Tgt Ion: 56 Resp: 124719

Ion Ratio Lower Upper

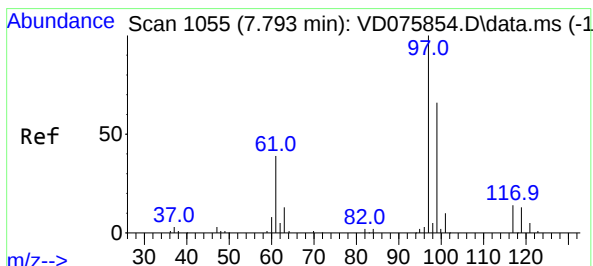
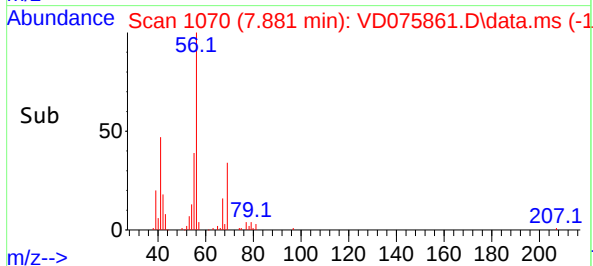
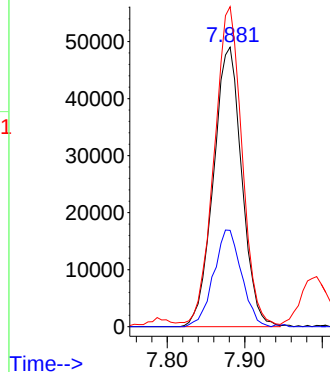
56 100

69 34.0 28.2 42.2

84 113.1 92.4 138.6



Abundance



#30

1,1,1-Trichloroethane

Concen: 28.811 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

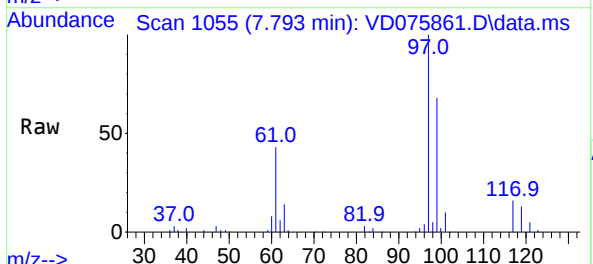
Tgt Ion: 97 Resp: 173804

Ion Ratio Lower Upper

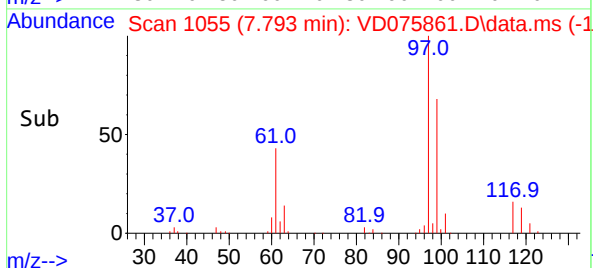
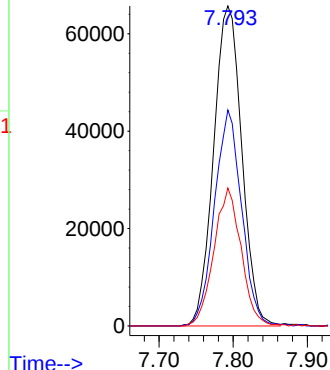
97 100

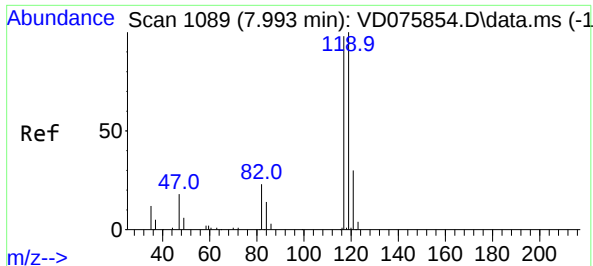
99 65.0 51.5 77.3

61 41.6 32.1 48.1



Abundance

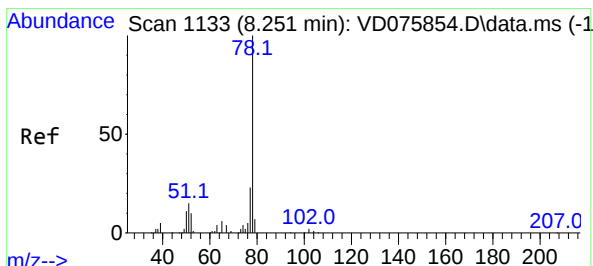
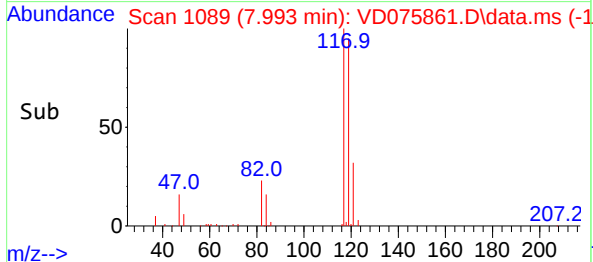
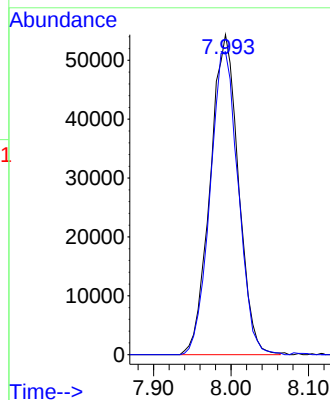
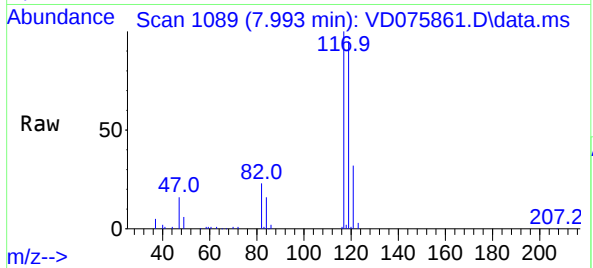




#31
Carbon tetrachloride
Concen: 28.463 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

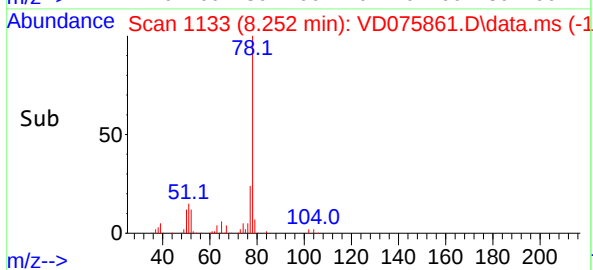
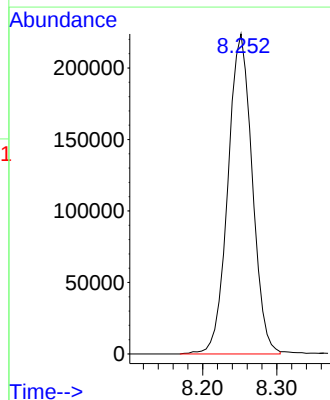
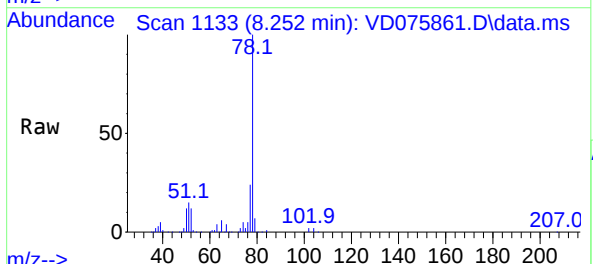
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

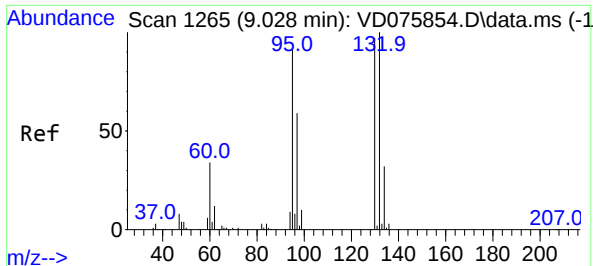
Tgt Ion:117 Resp: 137758
Ion Ratio Lower Upper
117 100
119 94.3 78.2 117.4



#33
Benzene
Concen: 29.546 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

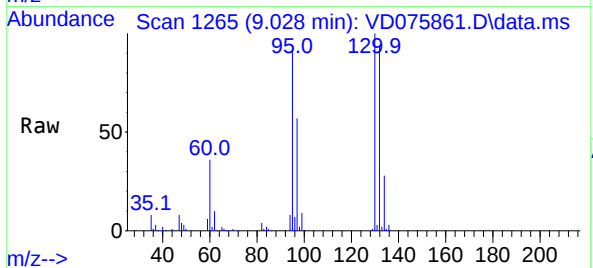
Tgt Ion: 78 Resp: 509567



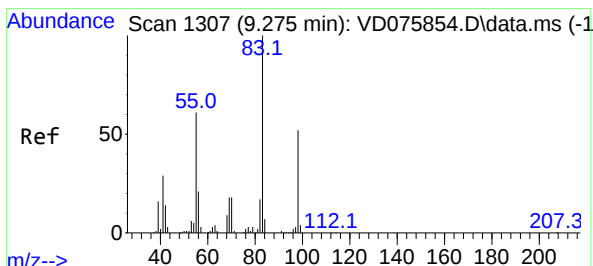
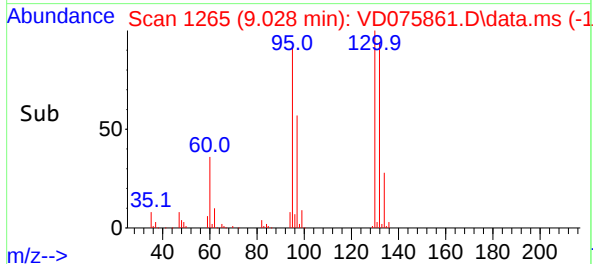
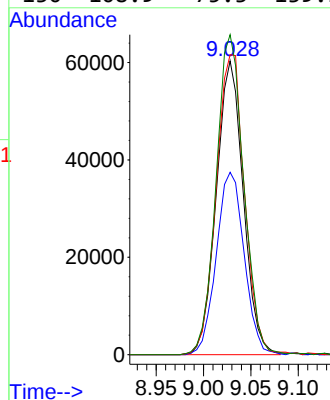


#34
Trichloroethene
Concen: 26.772 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

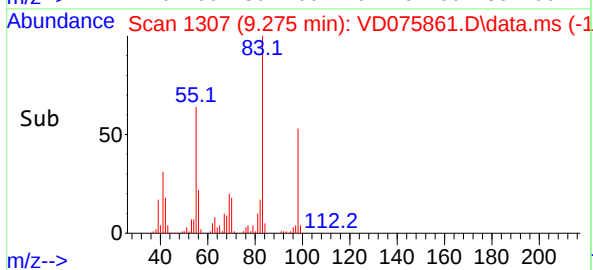
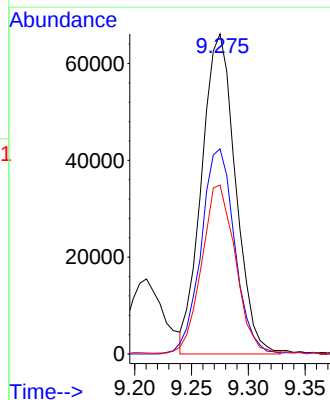
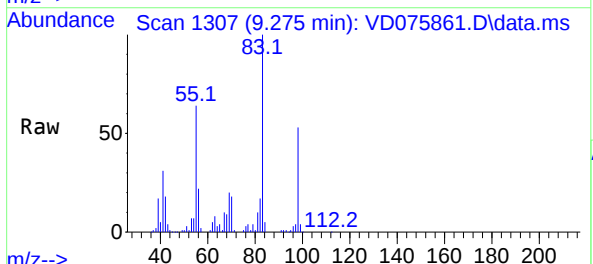


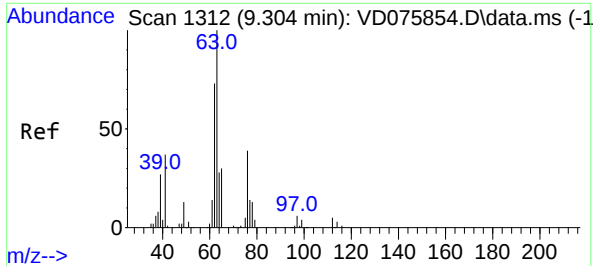
Tgt Ion: 95 Resp: 119405
Ion Ratio Lower Upper
95 100
97 62.1 46.0 85.4
132 102.1 73.3 136.1
130 108.9 75.3 139.9



#35
Methylcyclohexane
Concen: 19.984 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 83 Resp: 137420
Ion Ratio Lower Upper
83 100
55 63.5 48.2 72.2
98 52.7 40.8 61.2

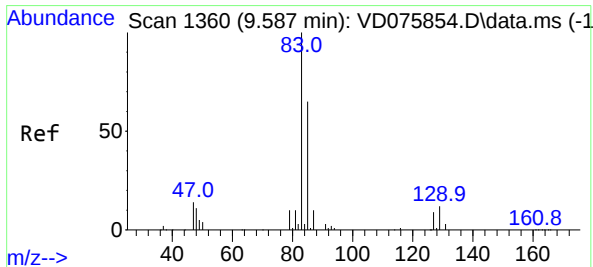
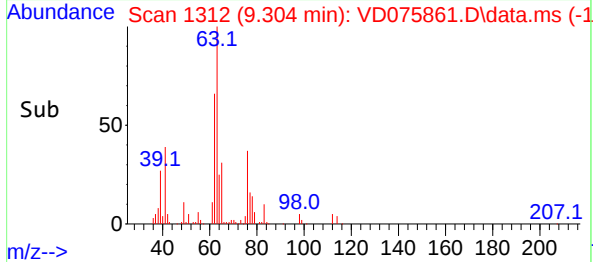
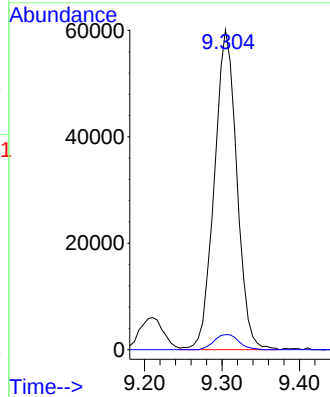
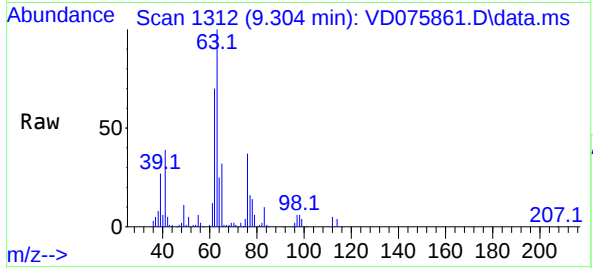




#37
1,2-Dichloropropane
Concen: 30.568 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

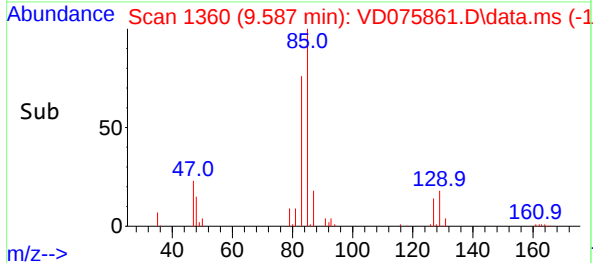
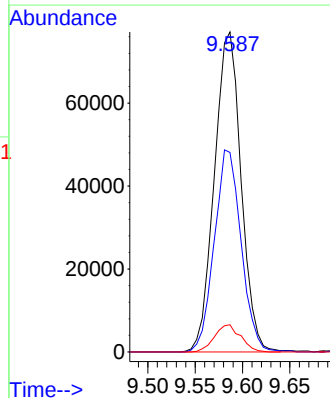
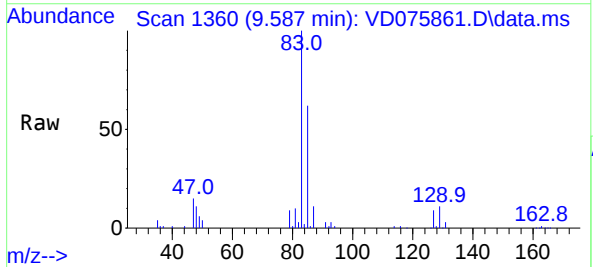
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

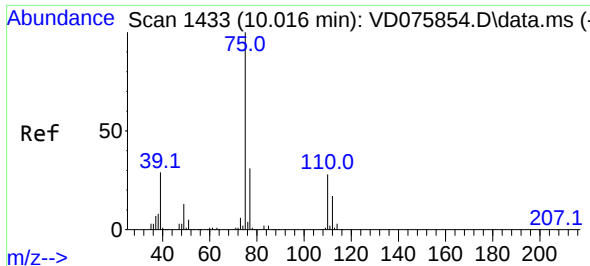
Tgt Ion: 63 Resp: 121104
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 28.374 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 83 Resp: 151568
Ion Ratio Lower Upper
83 100
85 62.3 44.2 82.2
127 8.5 6.3 9.5

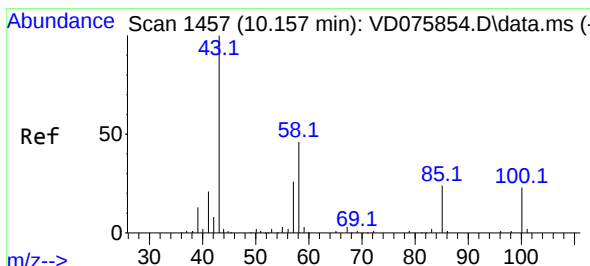
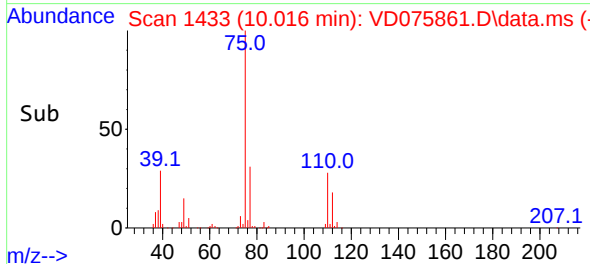
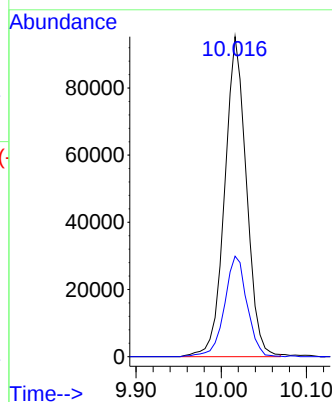
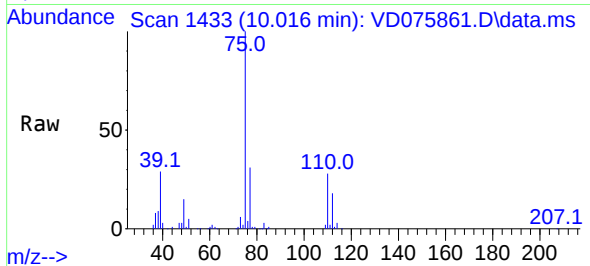




#39
 cis-1,3-Dichloropropene
 Concen: 26.808 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

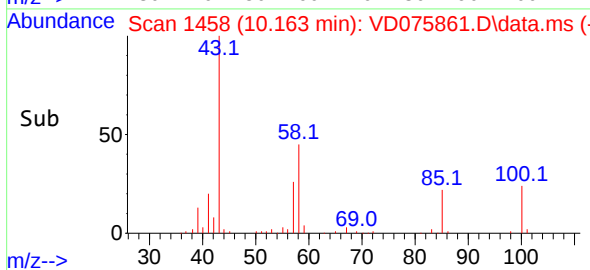
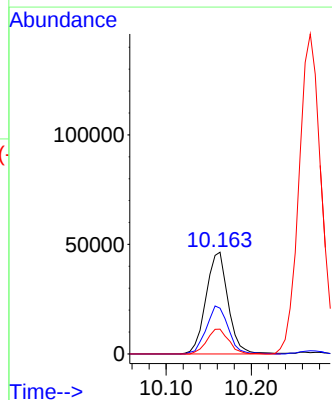
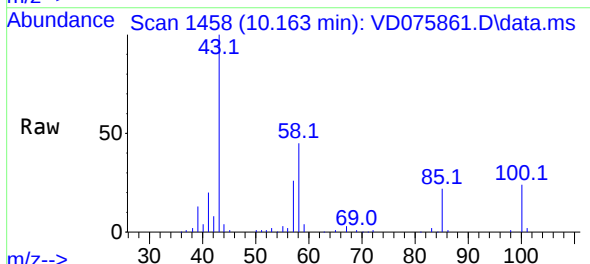
Instrument :
 MSVOA_D
 ClientSampleId :
 EW937MS

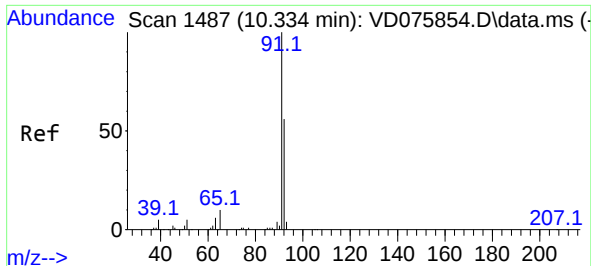
Tgt Ion: 75 Resp: 168904
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 57.997 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD075861.D
 Acq: 27 Apr 2023 15:09

Tgt Ion: 43 Resp: 83773
 Ion Ratio Lower Upper
 43 100
 58 46.8 39.1 58.7
 100 24.0 19.4 29.0

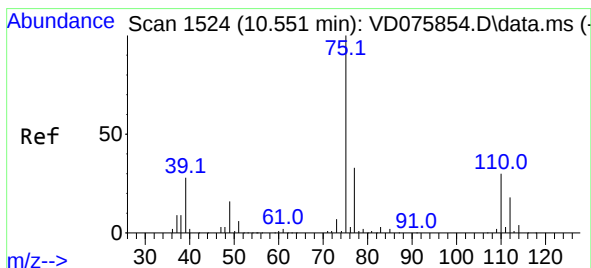
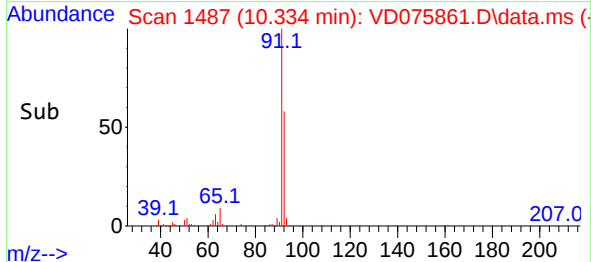
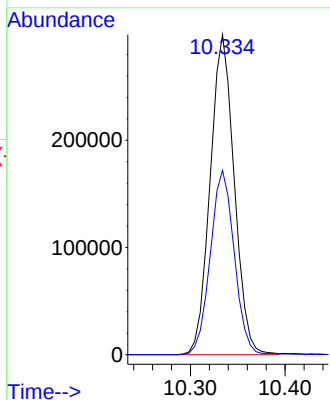
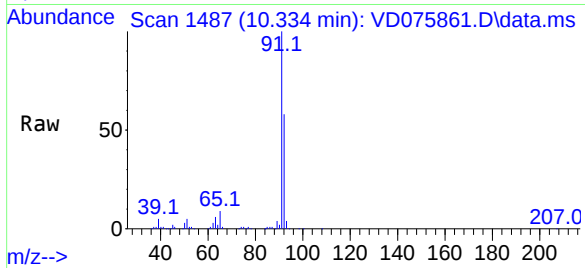




#42
Toluene
Concen: 28.244 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

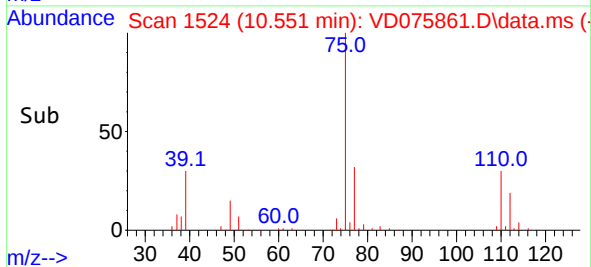
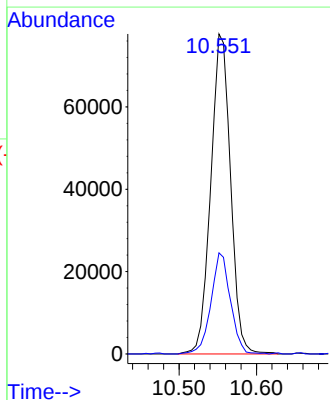
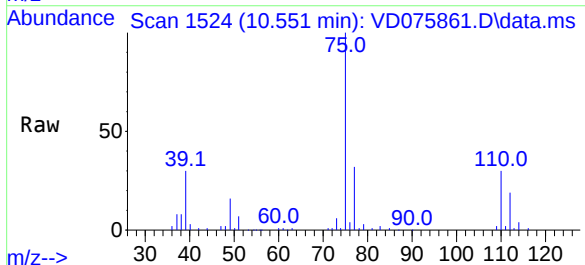
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

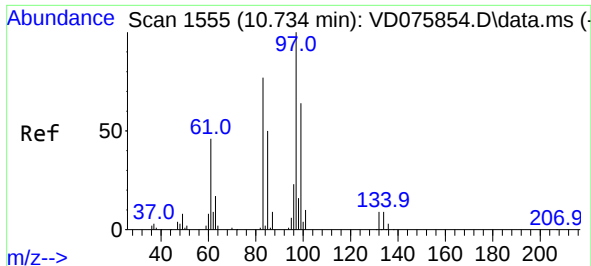
Tgt Ion: 91 Resp: 527148
Ion Ratio Lower Upper
91 100
92 57.6 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 27.296 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 75 Resp: 138159
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0

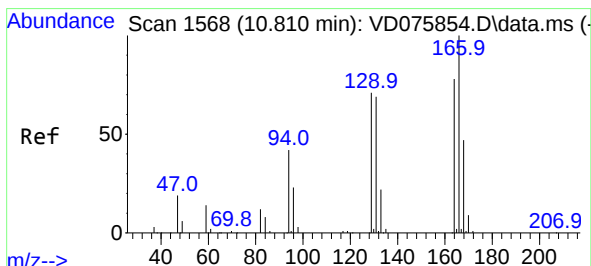
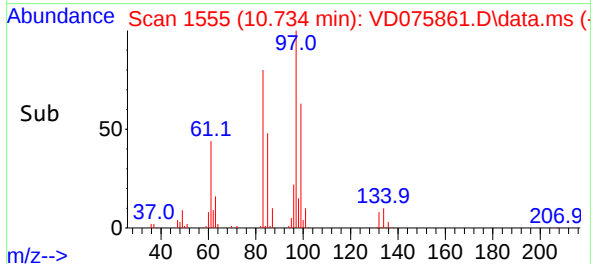
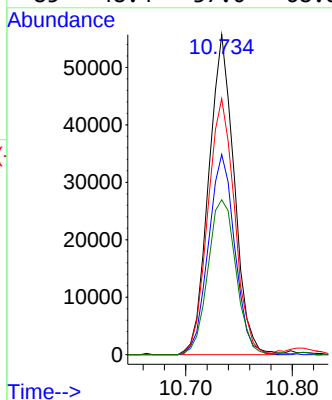
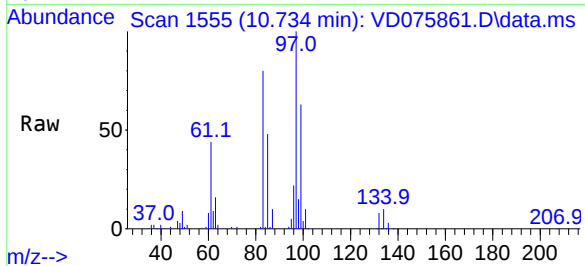




#45
1,1,2-Trichloroethane
Concen: 27.526 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

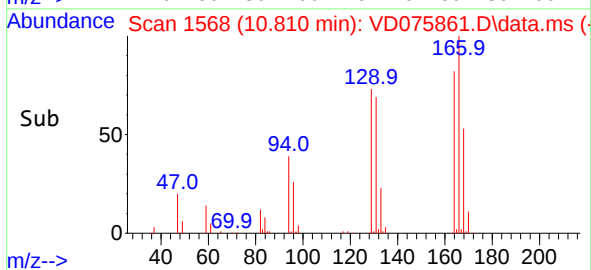
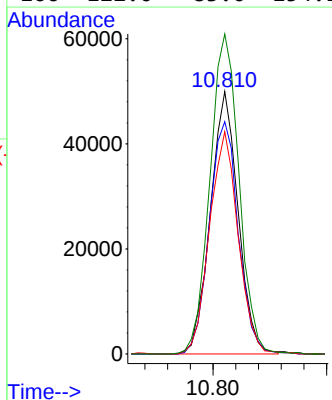
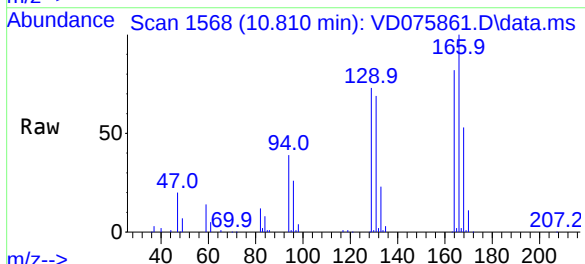
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

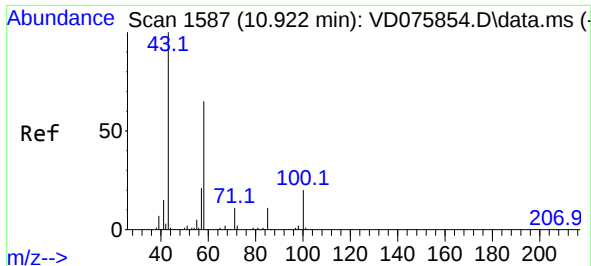
Tgt Ion:	97	Resp:	92774
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.2	78.4
83	80.0	54.8	101.8
85	48.4	37.0	68.8



#46
Tetrachloroethene
Concen: 23.164 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

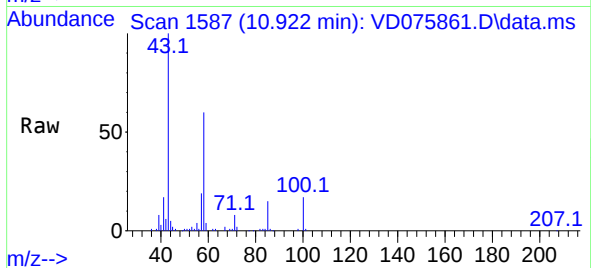
Tgt Ion:	164	Resp:	84740
Ion	Ratio	Lower	Upper
164	100		
129	88.6	60.3	112.1
131	84.7	58.9	109.3
166	122.0	83.0	154.1





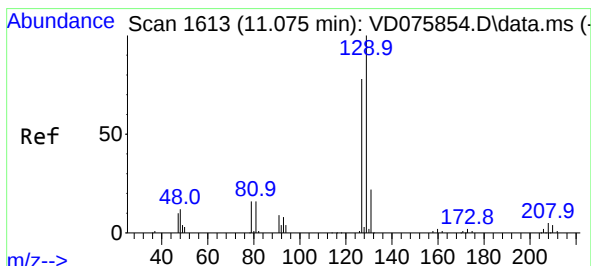
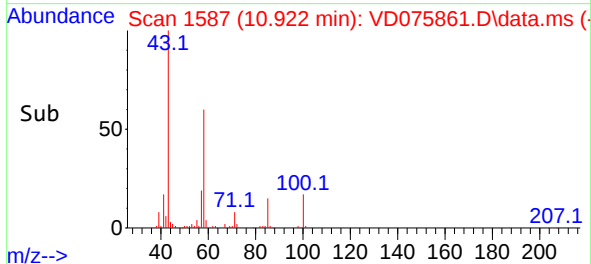
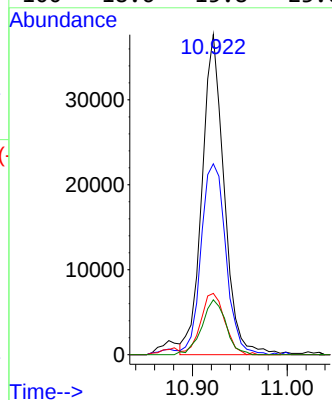
#48
2-Hexanone
Concen: 60.245 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
EW937MS



Tgt Ion: 43 Resp: 61347

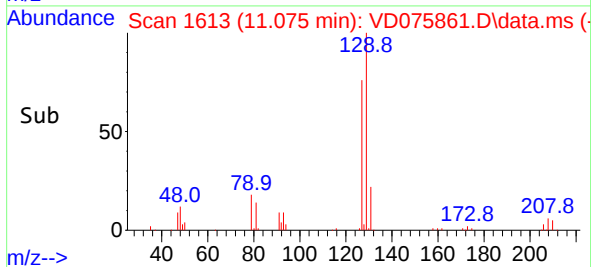
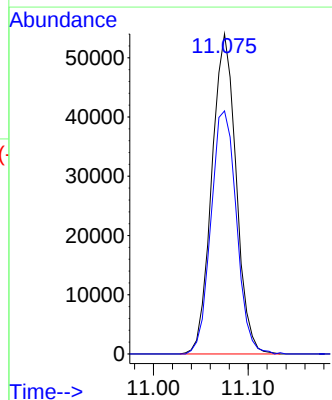
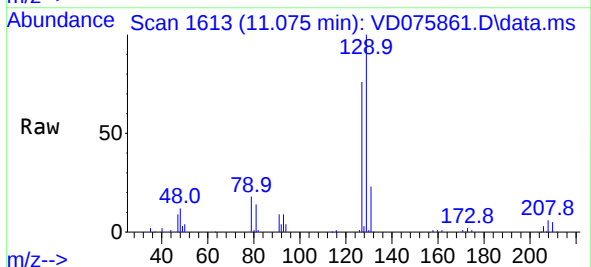
Ion	Ratio	Lower	Upper
43	100		
58	66.7	59.7	89.5
57	20.7	17.9	26.9
100	18.6	15.8	23.6

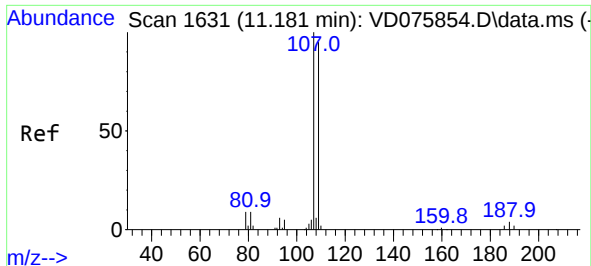


#49
Dibromochloromethane
Concen: 26.257 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 129 Resp: 96340

Ion	Ratio	Lower	Upper
129	100		
127	76.0	55.6	103.4

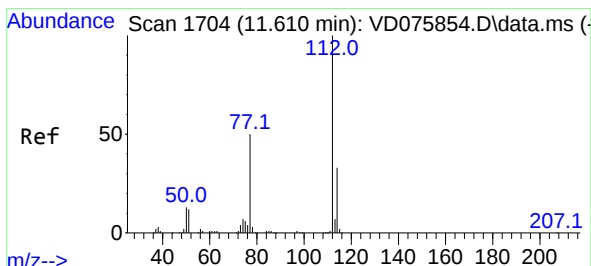
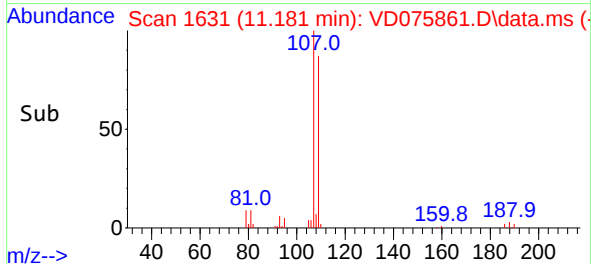
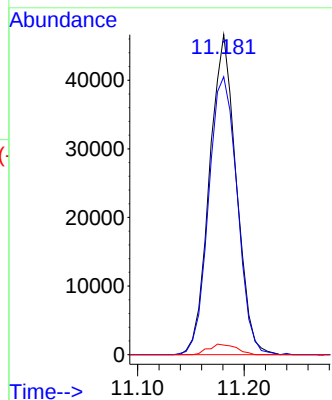
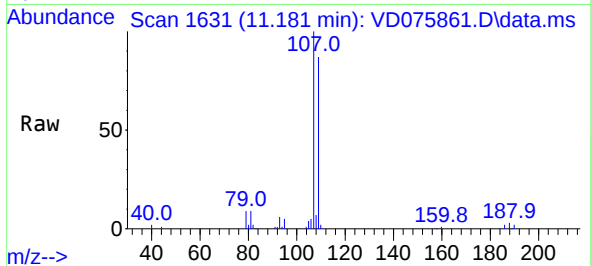




#50
1,2-Dibromoethane
Concen: 26.804 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

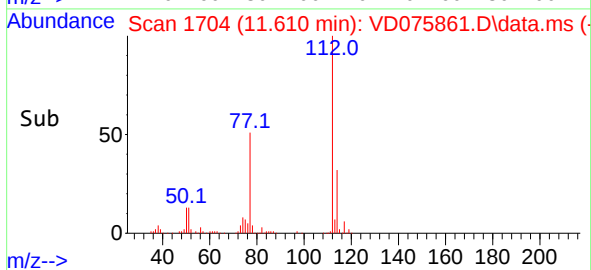
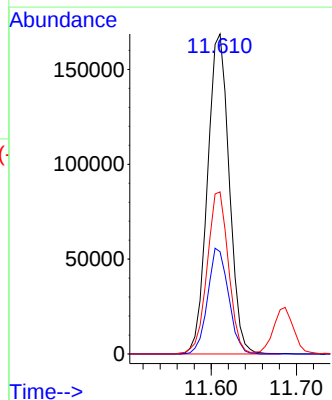
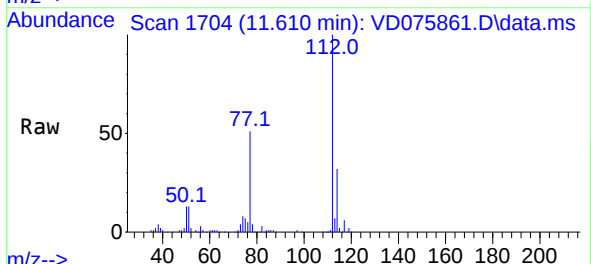
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

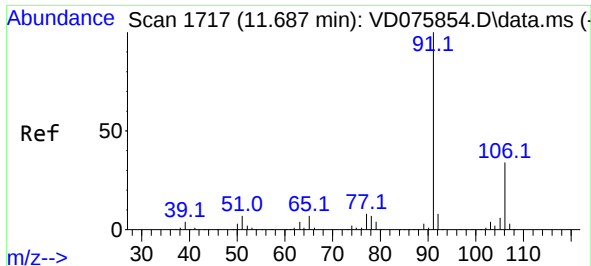
Tgt Ion:107 Resp: 81448
Ion Ratio Lower Upper
107 100
109 86.8 67.6 125.6
188 3.0 3.0 4.6#



#51
Chlorobenzene
Concen: 24.493 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion:112 Resp: 299061
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.8
77 50.6 39.7 59.5

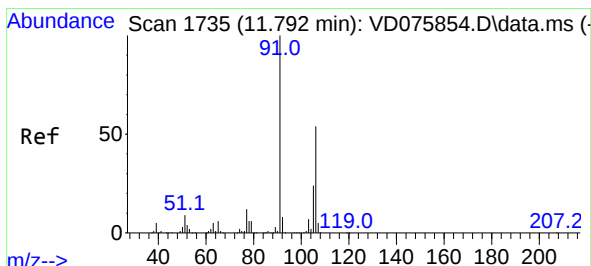
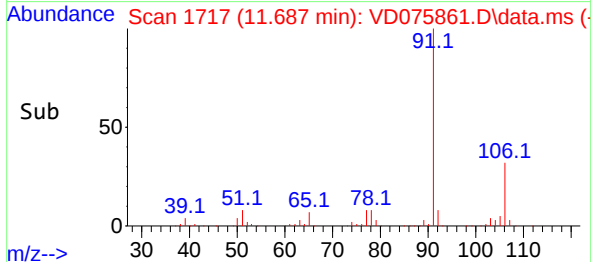
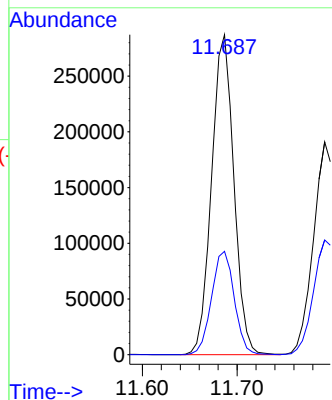
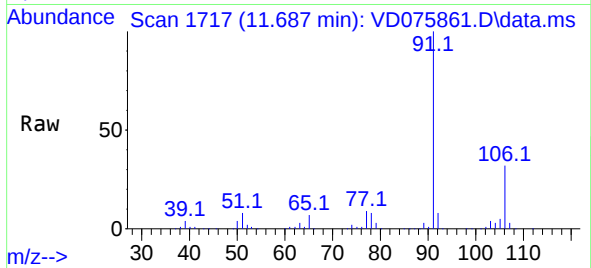




#52
Ethylbenzene
Concen: 24.526 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

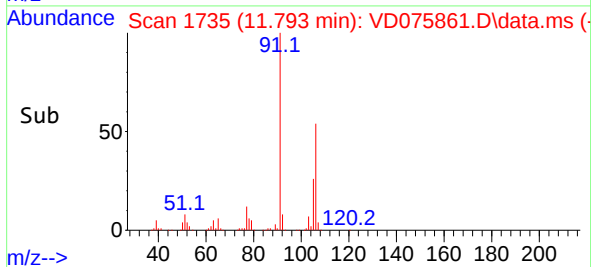
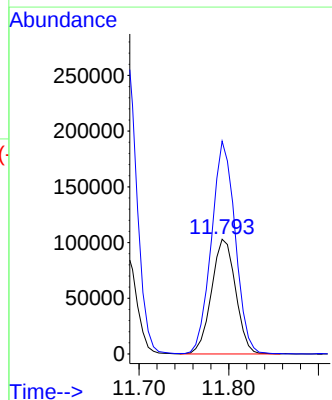
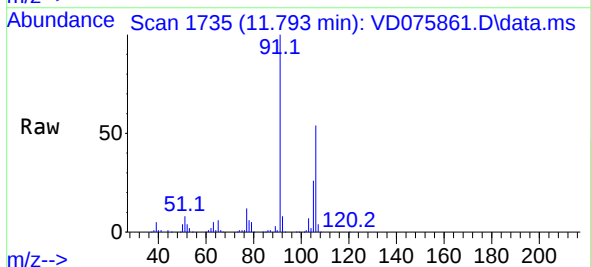
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

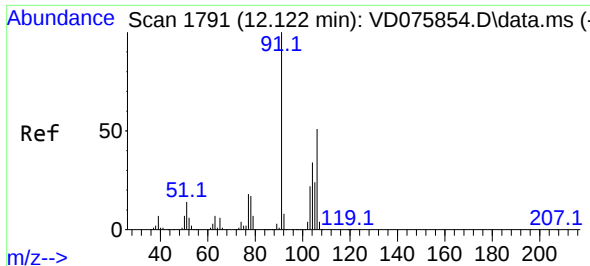
Tgt Ion: 91 Resp: 469388
Ion Ratio Lower Upper
91 100
106 32.3 23.7 43.9



#53
m,p-Xylene
Concen: 25.217 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 106 Resp: 192174
Ion Ratio Lower Upper
106 100
91 185.5 130.9 243.1

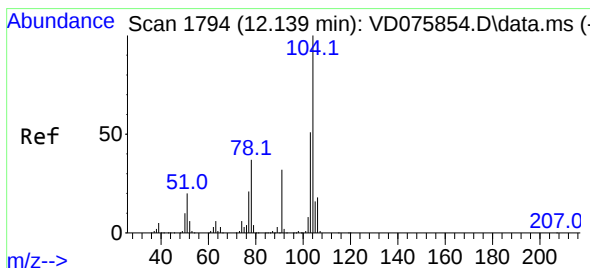
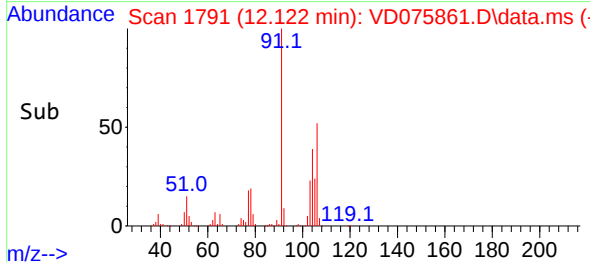
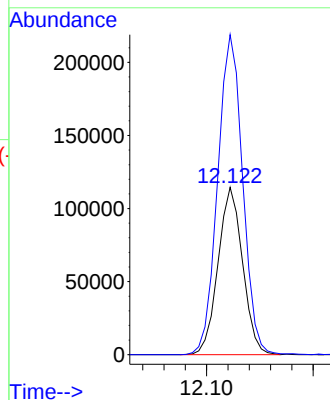
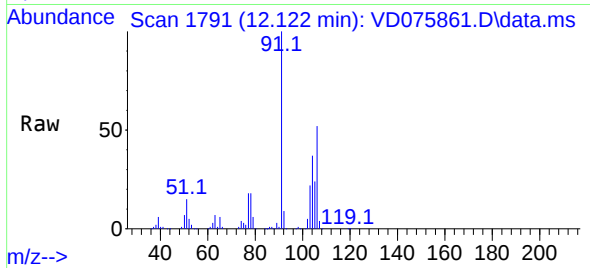




#54
o-Xylene
Concen: 25.275 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

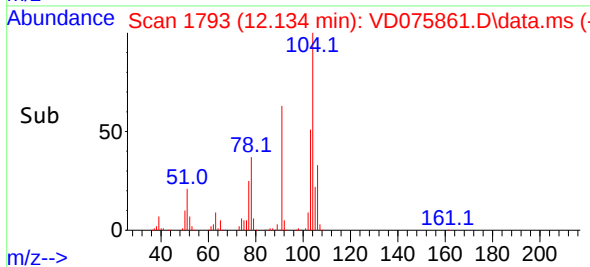
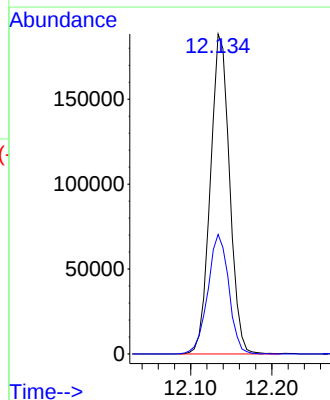
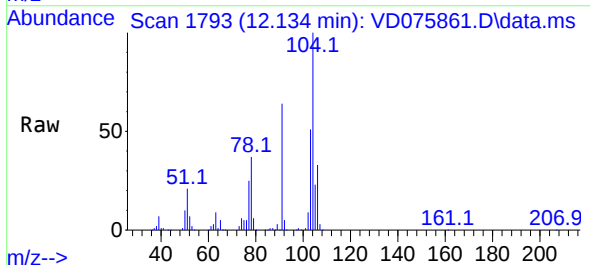
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

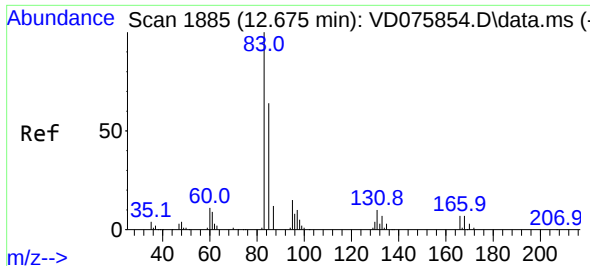
Tgt Ion:106 Resp: 182947
Ion Ratio Lower Upper
106 100
91 191.3 139.8 259.6



#55
Styrene
Concen: 24.620 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion:104 Resp: 310165
Ion Ratio Lower Upper
104 100
78 37.3 26.2 48.6

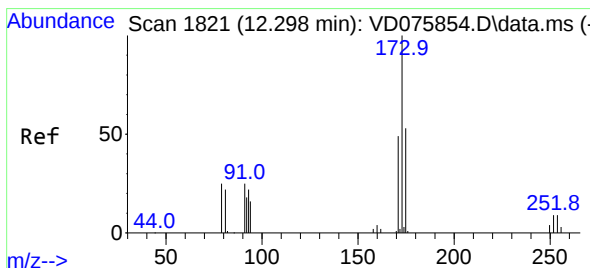
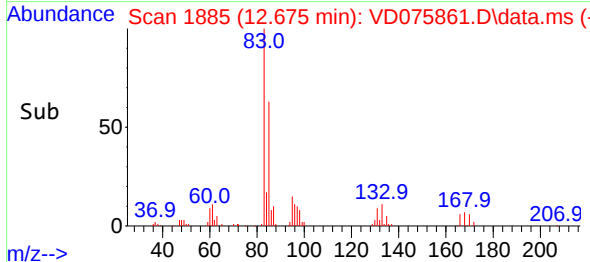
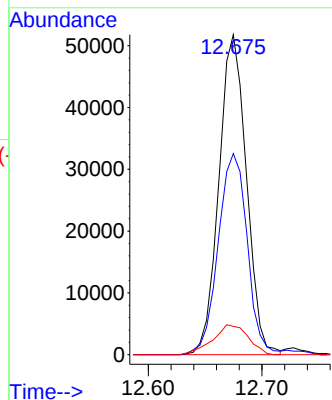
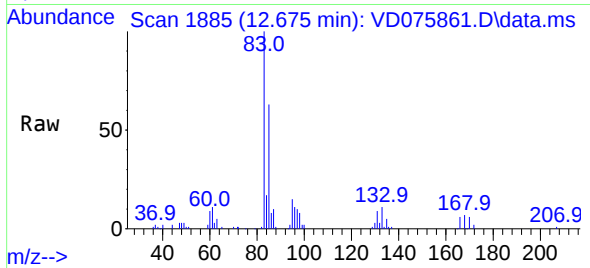




#57
1,1,2,2-Tetrachloroethane
Concen: 25.449 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

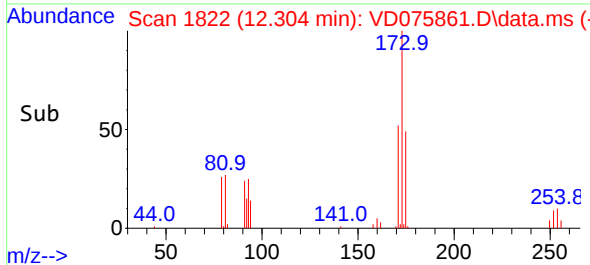
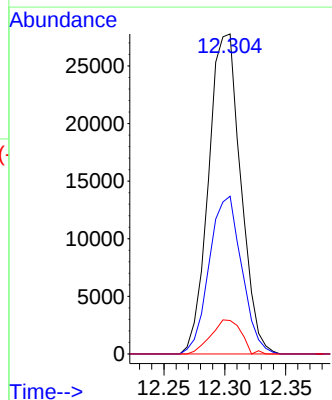
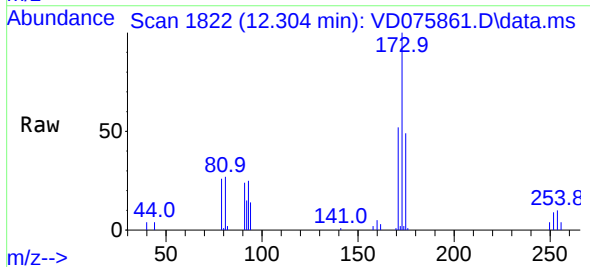
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

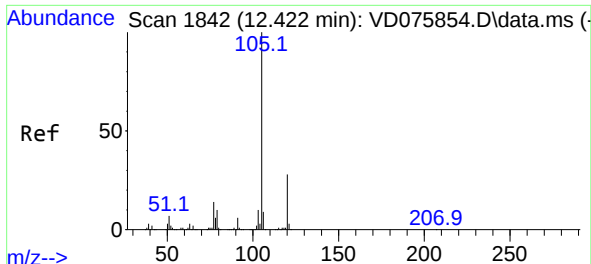
Tgt Ion: 83 Resp: 87272
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7
131 8.8 7.0 10.6



#59
Bromoform
Concen: 33.130 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 173 Resp: 51054
Ion Ratio Lower Upper
173 100
175 49.9 39.4 59.0
254 9.8 7.4 11.2

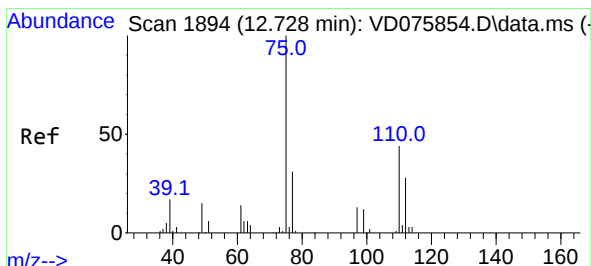
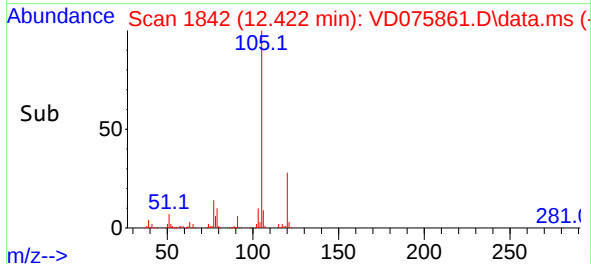
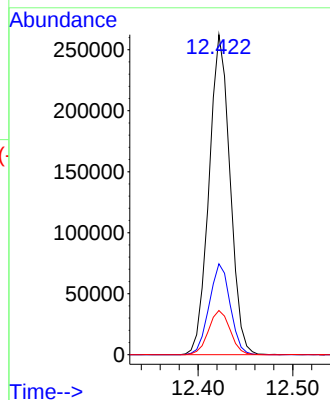
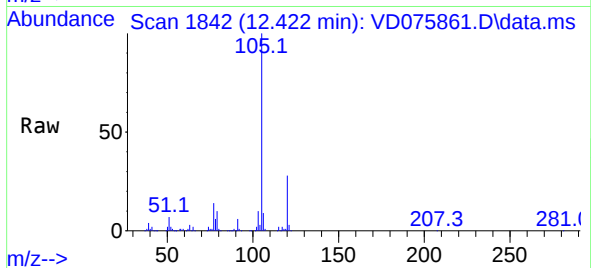




#60
Isopropylbenzene
Concen: 30.294 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

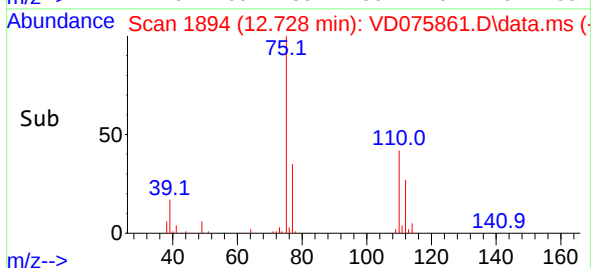
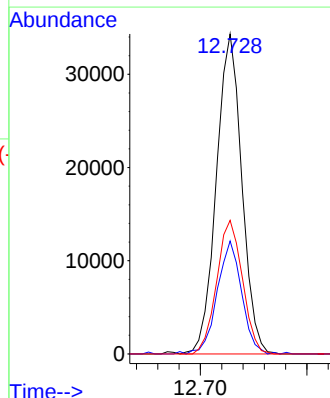
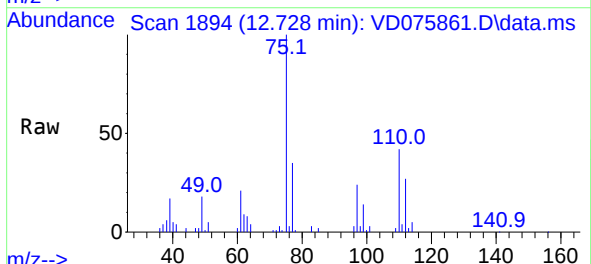
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

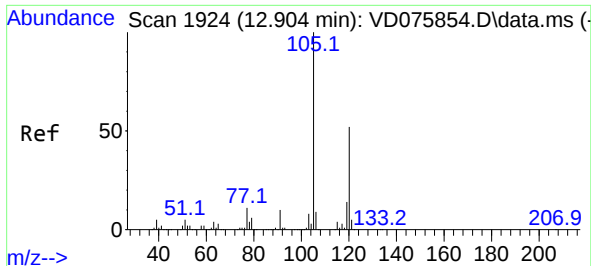
Tgt Ion:105 Resp: 403888
Ion Ratio Lower Upper
105 100
120 28.4 22.7 34.1
77 14.2 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 36.072 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion: 75 Resp: 56976
Ion Ratio Lower Upper
75 100
77 33.6 26.6 39.8
110 42.1 33.5 50.3

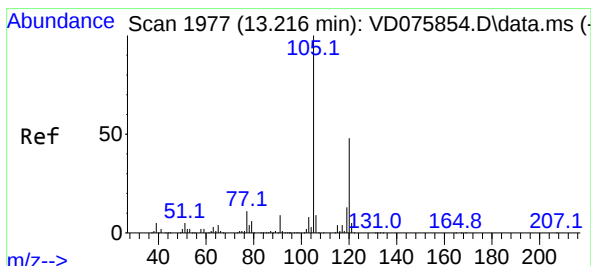
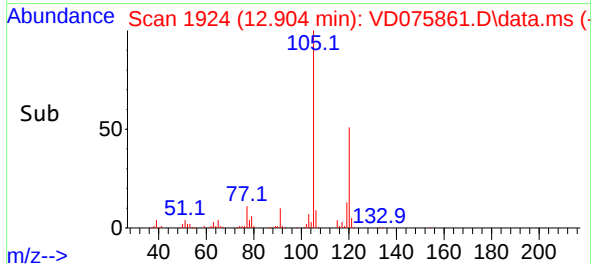
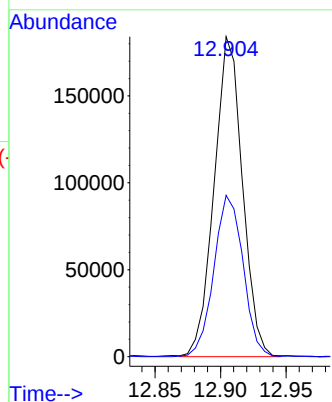
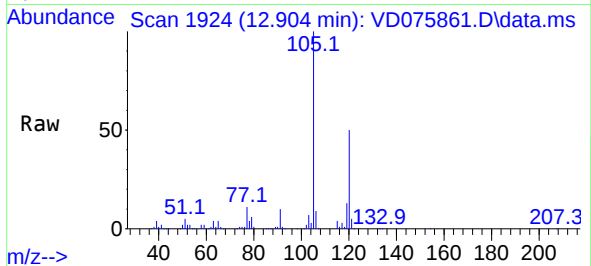




#62
1,3,5-Trimethylbenzene
Concen: 27.741 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

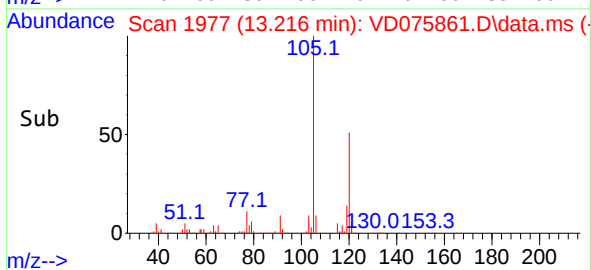
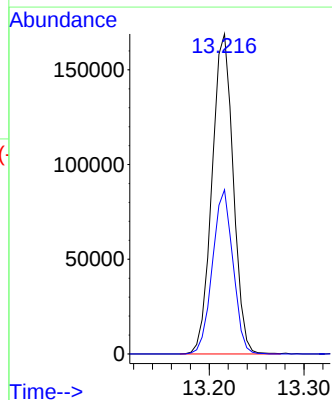
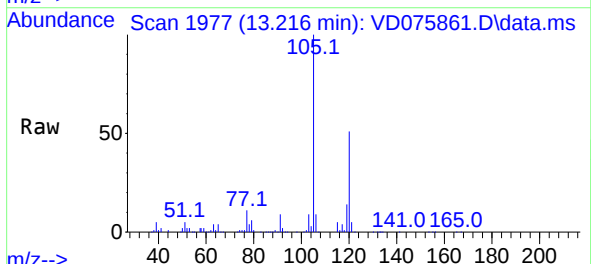
Instrument :
MSVOA_D
ClientSampleId :
EW937MS

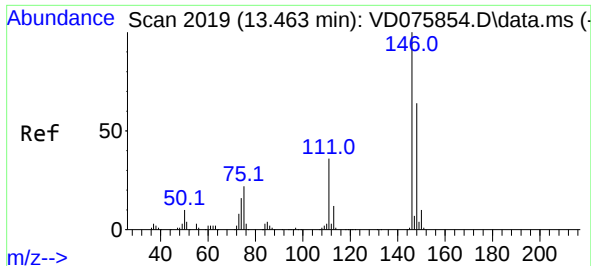
Tgt Ion:105 Resp: 275790
Ion Ratio Lower Upper
105 100
120 52.0 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 27.441 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

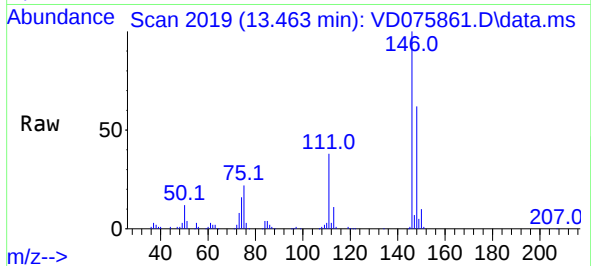
Tgt Ion:105 Resp: 262981
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6



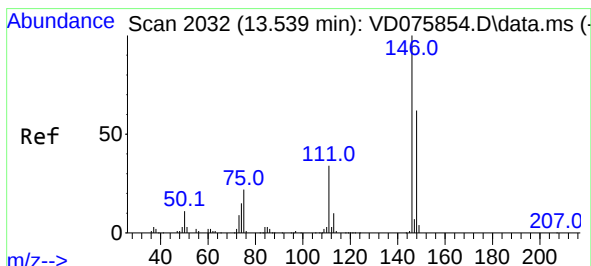
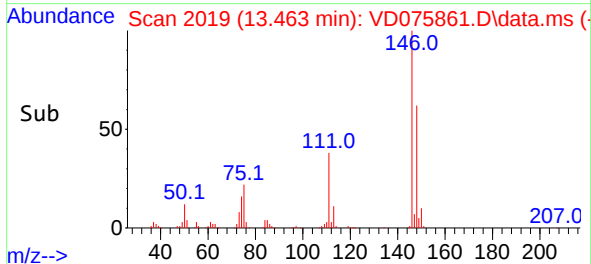
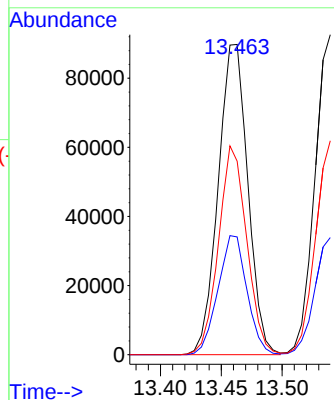


#64
1,3-Dichlorobenzene
Concen: 23.850 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

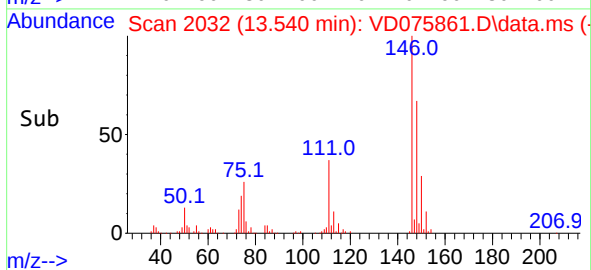
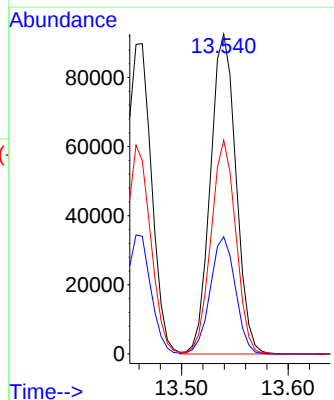
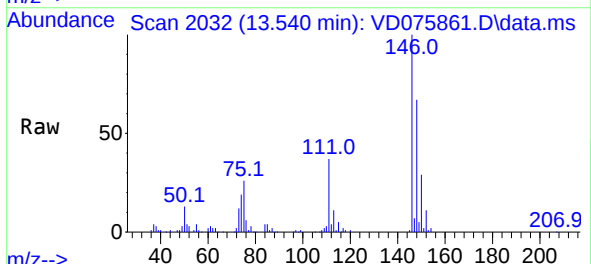


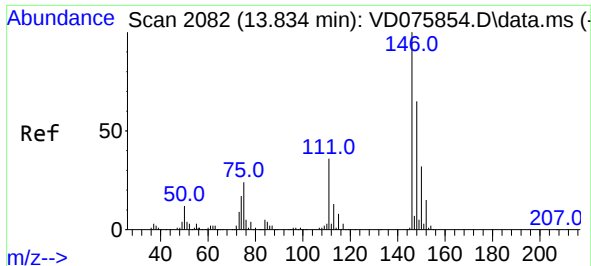
Tgt Ion:146 Resp: 152146
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.1
148 62.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.105 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion:146 Resp: 154687
Ion Ratio Lower Upper
146 100
111 36.6 24.6 45.8
148 66.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.181 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

Instrument :

MSVOA_D

ClientSampleId :

EW937MS

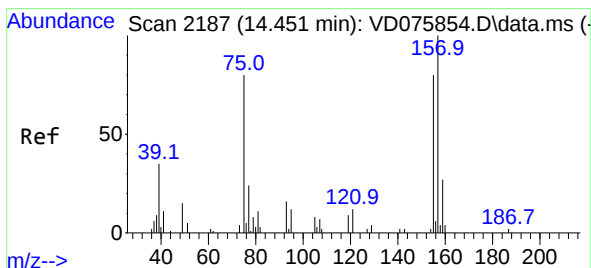
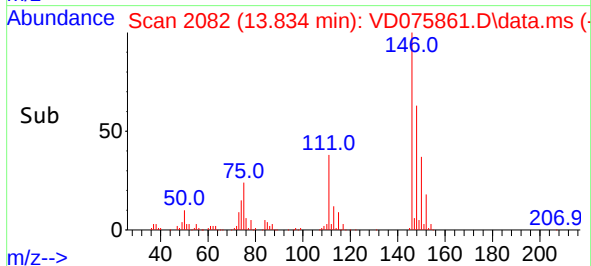
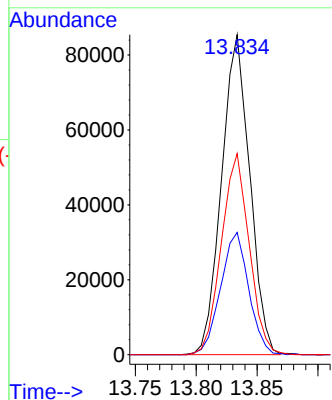
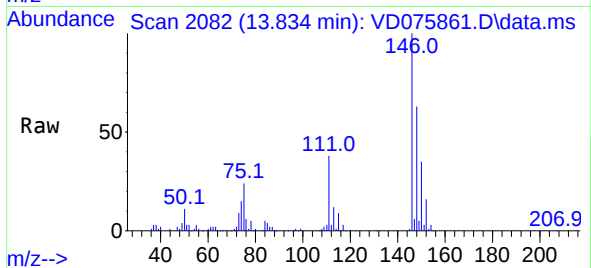
Tgt Ion:146 Resp: 137754

Ion Ratio Lower Upper

146 100

111 38.2 30.6 46.0

148 62.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 30.333 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075861.D

Acq: 27 Apr 2023 15:09

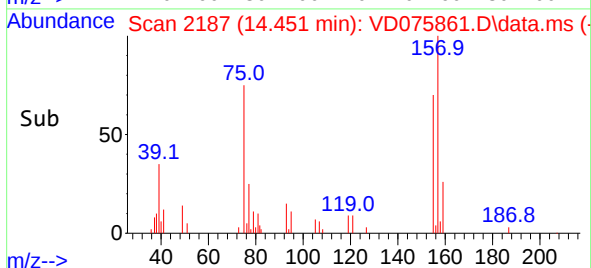
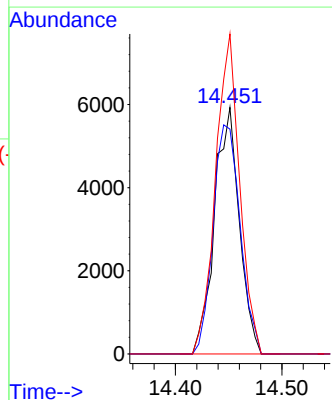
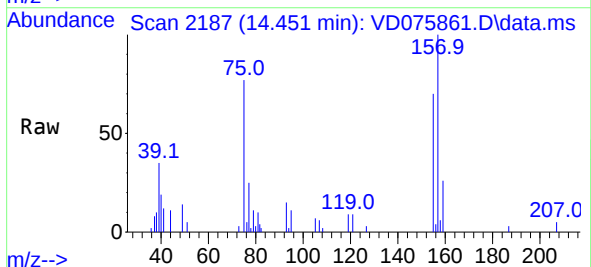
Tgt Ion: 75 Resp: 9578

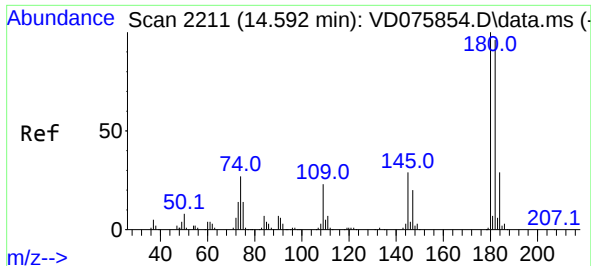
Ion Ratio Lower Upper

75 100

155 91.2 74.6 111.8

157 129.8 109.4 164.2



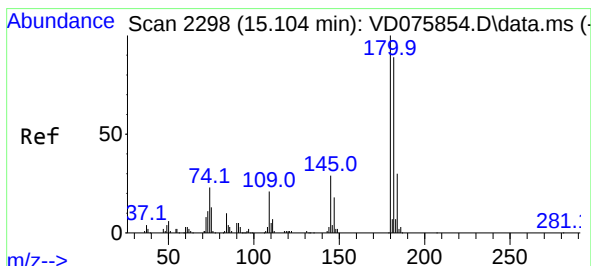
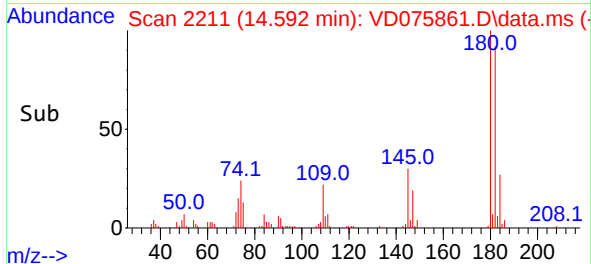
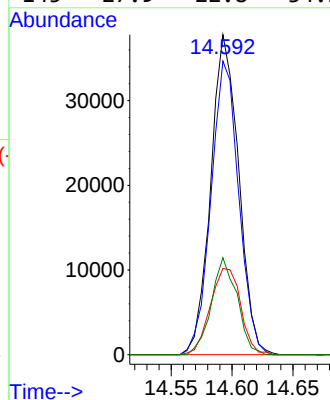
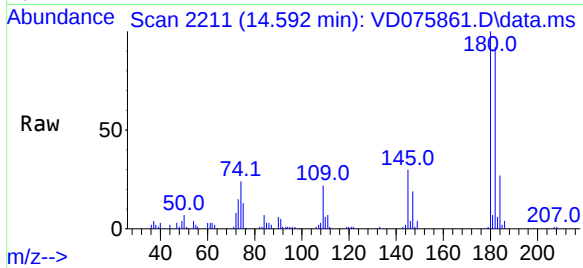


#69
1,3,5-Trichlorobenzene
Concen: 14.089 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

Tgt Ion:180 Resp: 60242

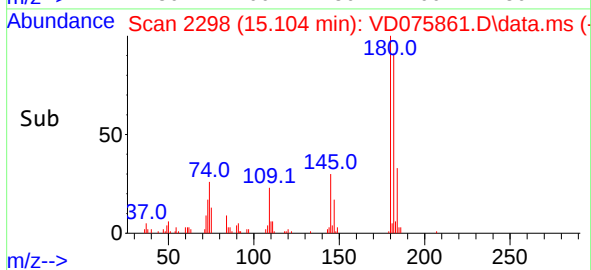
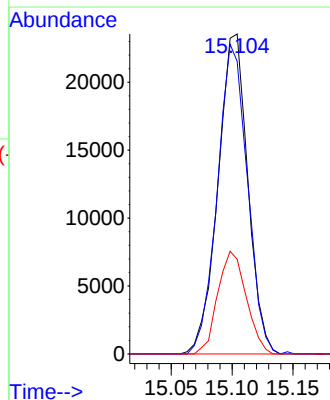
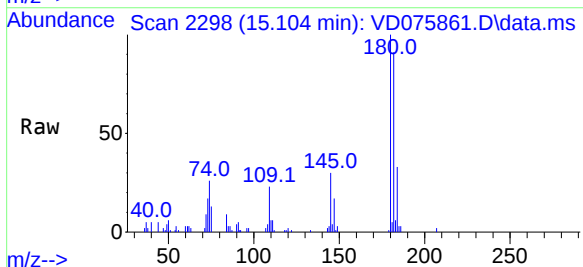
Ion	Ratio	Lower	Upper
180	100		
182	91.2	74.9	112.3
184	29.3	25.0	37.4
145	27.9	22.8	34.2

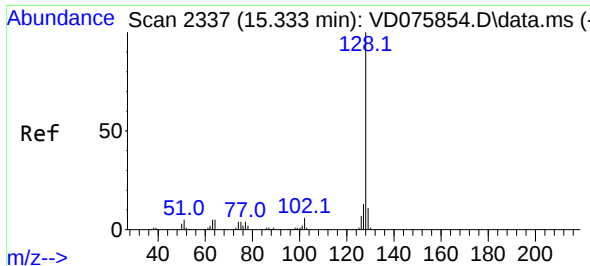


#70
1,2,4-trichlorobenzene
Concen: 11.328 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion:180 Resp: 40139

Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.4	113.2
145	30.7	23.6	35.4

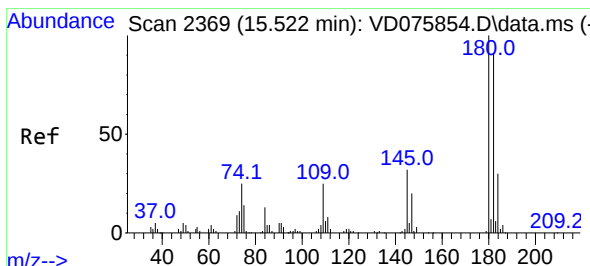
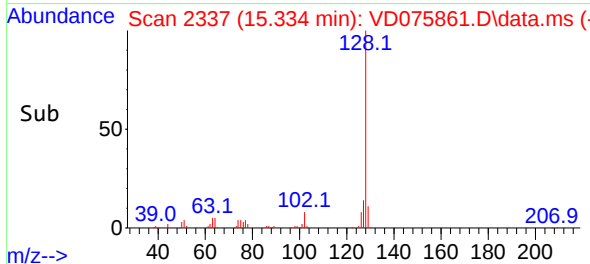
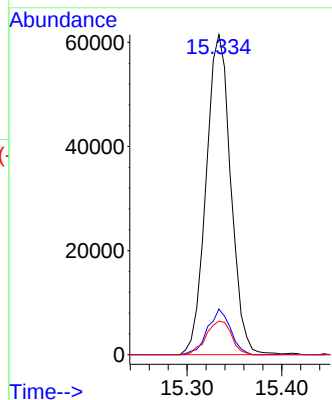
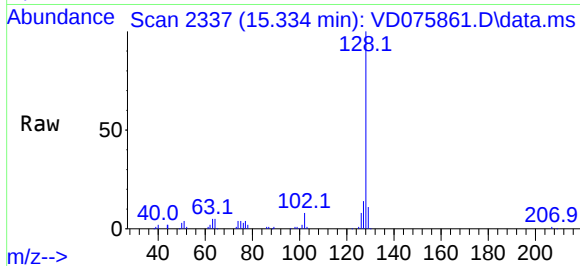




#71
Naphthalene
Concen: 17.156 ug/L
RT: 15.334 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
EW937MS

Tgt Ion:	128	Resp:	111243
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	9.1	13.7



#72
1,2,3-Trichlorobenzene
Concen: 11.248 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075861.D
Acq: 27 Apr 2023 15:09

Tgt Ion:	180	Resp:	35576
Ion	Ratio	Lower	Upper
180	100		
182	90.3	76.3	114.5
145	29.3	25.0	37.6

