

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042723\
 Data File : VD075874.D
 Acq On : 27 Apr 2023 21:34
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025136

Quant Time: Apr 28 03:00:27 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	8.781	114	377214	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	347758	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	172831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	212505	25.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.720%	
7) Chloroethane-d5	2.799	69	184116	25.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.000%	
11) 1,1-Dichloroethene-d2	3.916	65	47132	24.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.800%	
21) 2-Butanone-d5	6.993	46	42958	59.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.600%	
24) Chloroform-d	7.569	84	242576	25.716	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.880%	
26) 1,2-Dichloroethane-d4	8.228	65	105749	26.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.000%	
32) Benzene-d6	8.198	84	516762	25.495	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.000%	
36) 1,2-Dichloropropane-d6	9.210	67	146114	26.044	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.160%	
41) Toluene-d8	10.269	98	478653	25.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.880%	
43) trans-1,3-Dichloroprop...	10.522	79	58458	25.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.840%	
47) 2-Hexanone-d5	10.881	63	39656	58.705	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.420%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	121390	28.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 113.120%	
66) 1,2-Dichlorobenzene-d4	13.816	152	151993	24.863	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	146856	28.241	ug/L	98
3) Chloromethane	2.146	50	227532	31.387	ug/L	99
5) Vinyl chloride	2.281	62	266540	28.133	ug/L	100
6) Bromomethane	2.687	94	130279	20.464	ug/L	96
8) Chloroethane	2.834	64	169221	27.617	ug/L	98
9) Trichlorofluoromethane	3.169	101	208743	27.421	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	143754	28.109	ug/L	98
12) 1,1-Dichloroethene	3.934	96	132456	26.706	ug/L	94
13) Acetone	4.016	43	30417	49.477	ug/L	99
14) Carbon disulfide	4.263	76	452600	26.126	ug/L	97
15) Methyl Acetate	4.563	43	39242	29.454	ug/L #	54
16) Methylene chloride	4.793	84	169714	22.178	ug/L	95
17) trans-1,2-Dichloroethene	5.305	96	145474	26.158	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	244629	27.422	ug/L	100
19) 1,1-Dichloroethane	6.110	63	222261	27.281	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	154817	26.327	ug/L	95
22) 2-Butanone	7.081	43	48347	60.323	ug/L	100
23) Bromochloromethane	7.428	128	74027	27.144	ug/L	95
25) Chloroform	7.593	83	244398	26.766	ug/L	99

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 Response via : Initial Calibration

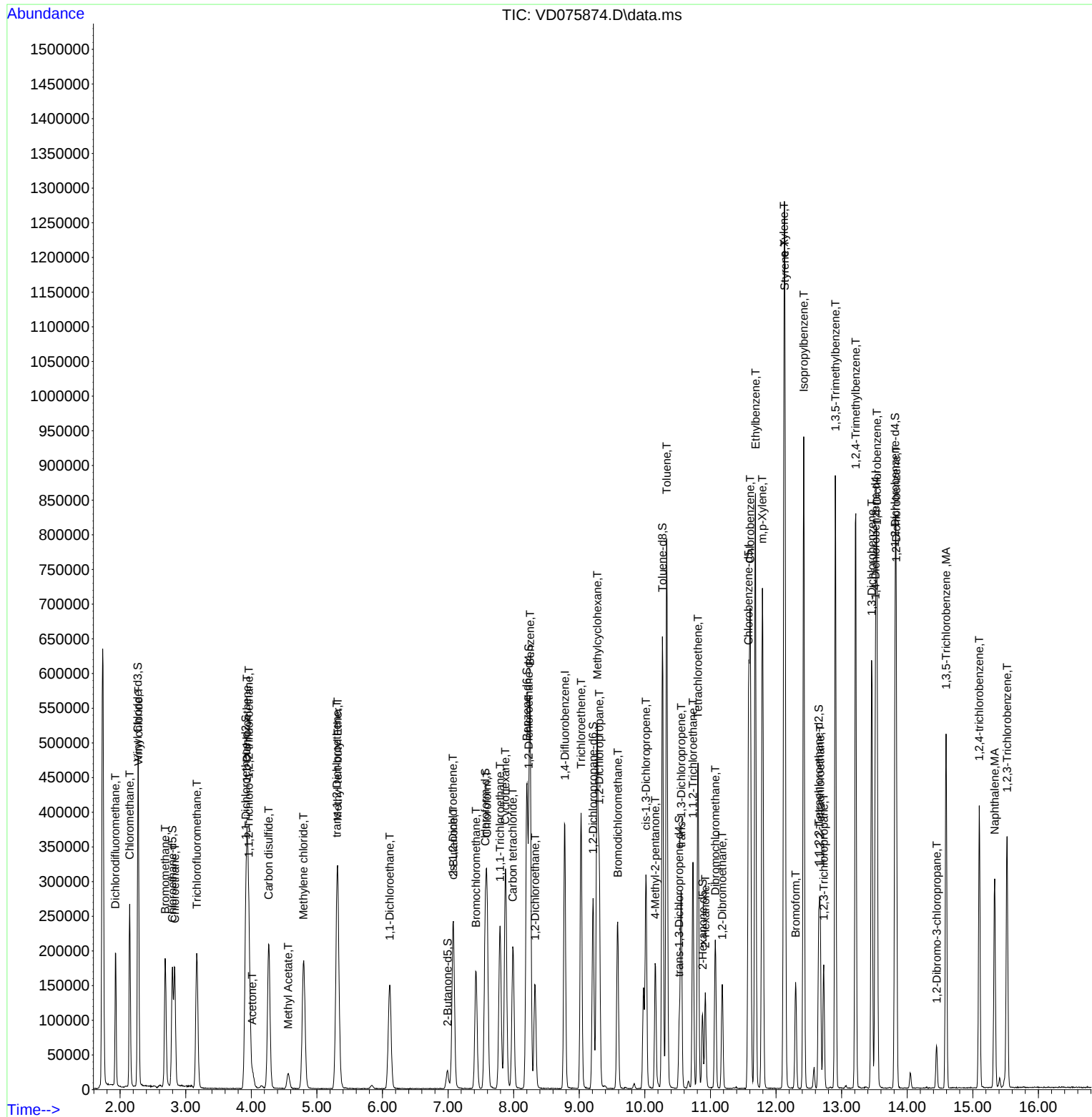
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	132400	28.091	ug/L	100
29) Cyclohexane	7.875	56	172308	28.943	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	195940	26.630	ug/L	99
31) Carbon tetrachloride	7.987	117	160871	27.252	ug/L	99
33) Benzene	8.251	78	573175	27.248	ug/L	100
34) Trichloroethene	9.028	95	142858	26.261	ug/L	96
35) Methylcyclohexane	9.275	83	236667	28.218	ug/L	99
37) 1,2-Dichloropropane	9.304	63	134688	27.874	ug/L	99
38) Bromodichloromethane	9.587	83	173366	26.609	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	202330	26.329	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	109310	62.047	ug/L	98
42) Toluene	10.334	91	640838	28.152	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	168777	27.340	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	111879	27.216	ug/L	97
46) Tetrachloroethene	10.810	164	116563	26.124	ug/L	96
48) 2-Hexanone	10.922	43	79533	64.037	ug/L	92
49) Dibromochloromethane	11.075	129	121299	27.105	ug/L	97
50) 1,2-Dibromoethane	11.181	107	102891	27.762	ug/L #	97
51) Chlorobenzene	11.604	112	396488	26.624	ug/L	99
52) Ethylbenzene	11.687	91	635035	27.205	ug/L	99
53) m,p-Xylene	11.792	106	261281	28.110	ug/L	100
54) o-Xylene	12.122	106	248203	28.114	ug/L	95
55) Styrene	12.134	104	438661	28.548	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	120092	28.712	ug/L	99
59) Bromoform	12.298	173	73282	27.666	ug/L	99
60) Isopropylbenzene	12.422	105	623274	27.197	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	76546	28.194	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	469302	27.463	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	461609	28.022	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	290195	26.465	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	295724	25.697	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	259411	26.492	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	14409	26.548	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	168467	22.922	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	133421	21.906	ug/L	100
71) Naphthalene	15.333	128	282252	25.324	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	129650	23.847	ug/L	98

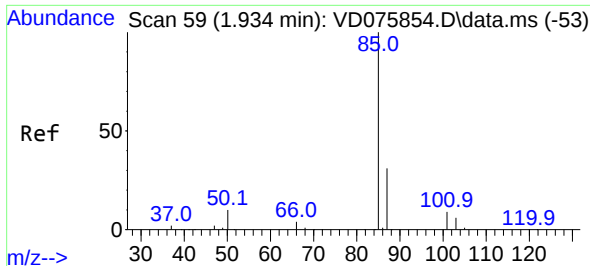
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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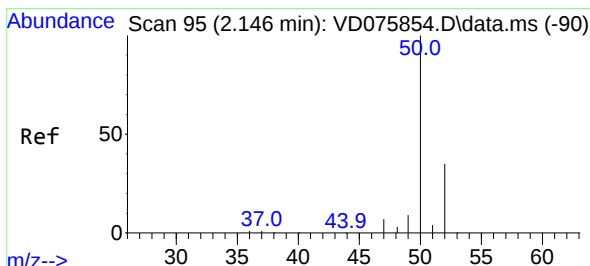
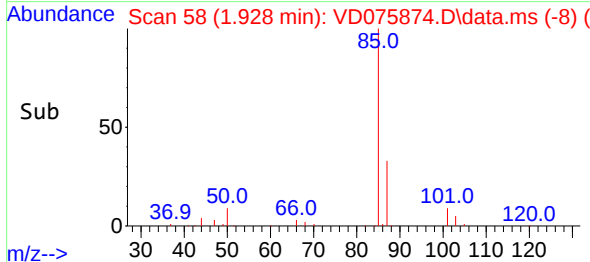
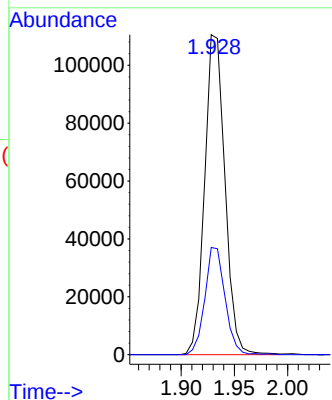
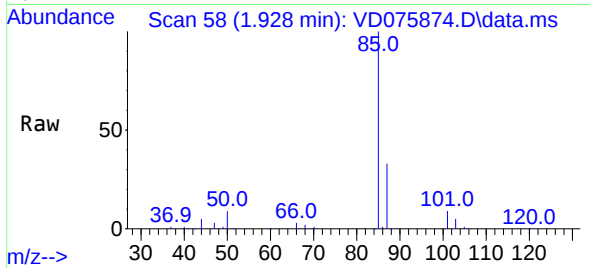




#2
 Dichlorodifluoromethane
 Concen: 28.241 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD075874.D
 Acq: 27 Apr 2023 21:34

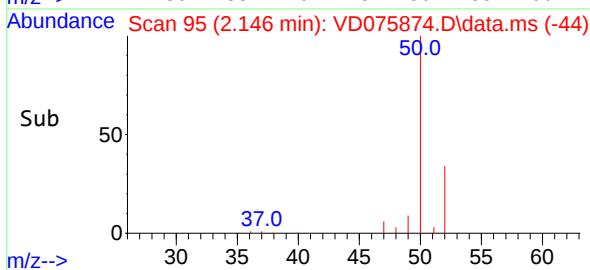
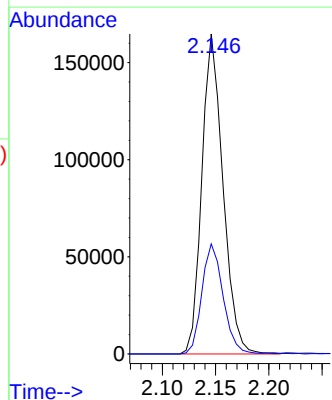
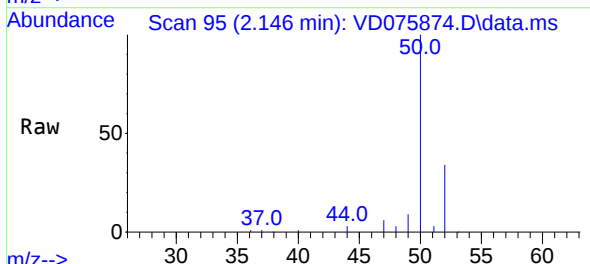
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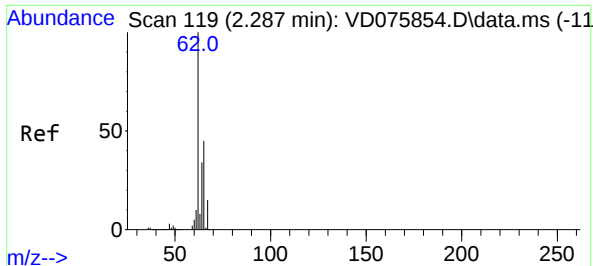
Tgt Ion: 85 Resp: 146856
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.8



#3
 Chloromethane
 Concen: 31.387 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075874.D
 Acq: 27 Apr 2023 21:34

Tgt Ion: 50 Resp: 227532
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.7 44.1

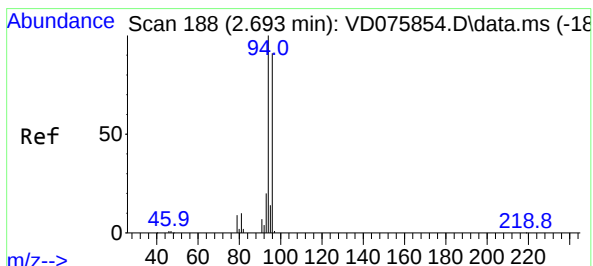
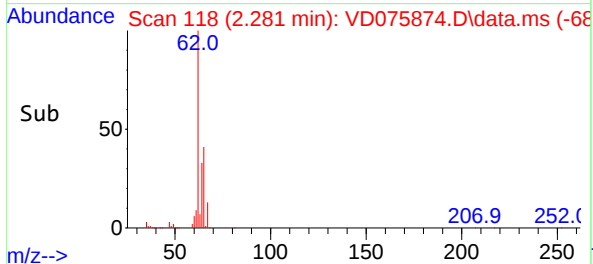
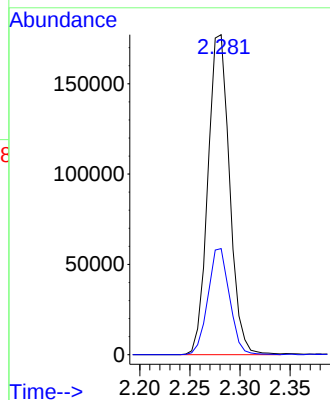
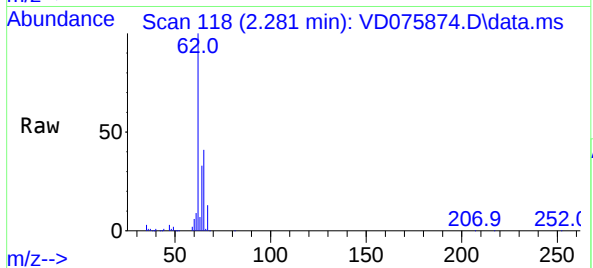




#5
 Vinyl chloride
 Concen: 28.133 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD075874.D
 Acq: 27 Apr 2023 21:34

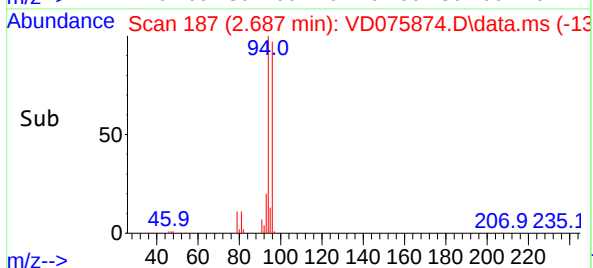
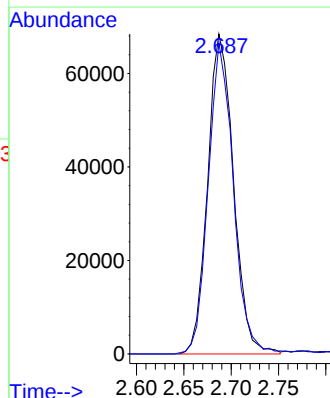
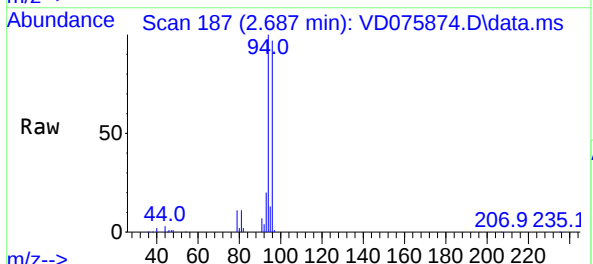
Instrument :
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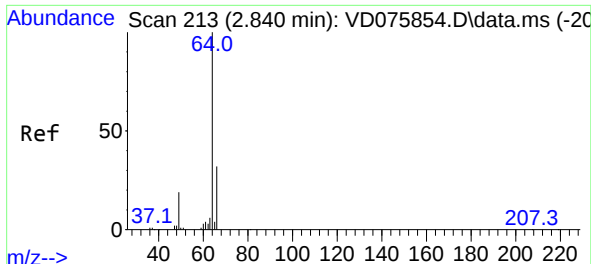
Tgt Ion: 62 Resp: 266540
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 20.464 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.012 min
 Lab File: VD075874.D
 Acq: 27 Apr 2023 21:34

Tgt Ion: 94 Resp: 130279
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.7 121.9

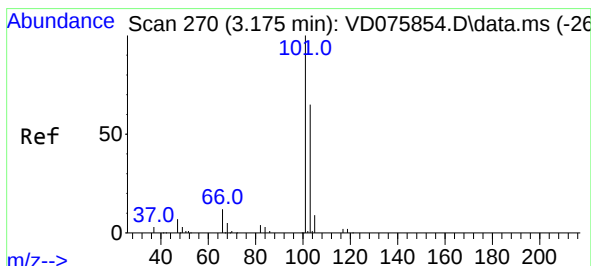
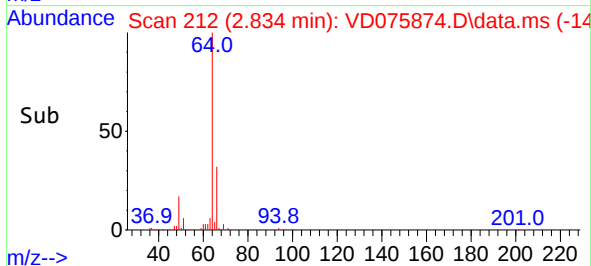
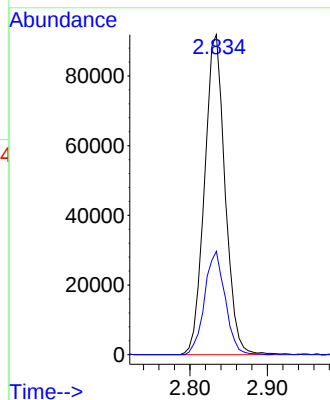
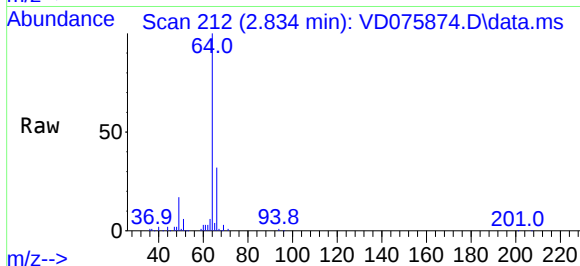




#8
Chloroethane
Concen: 27.617 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

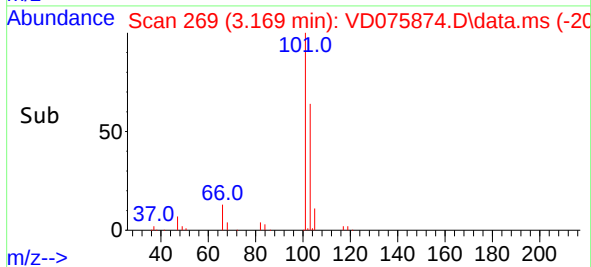
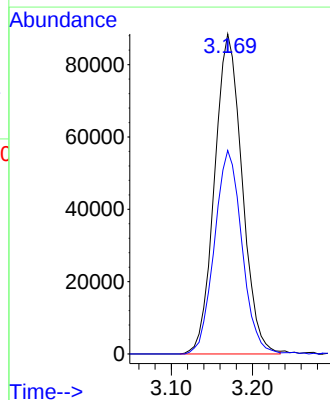
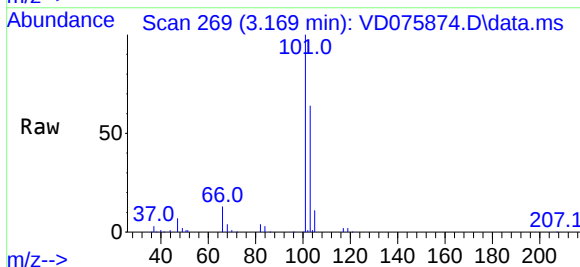
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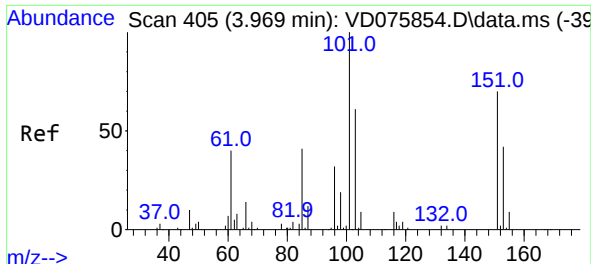
Tgt Ion: 64 Resp: 169221
Ion Ratio Lower Upper
64 100
66 32.3 21.8 40.4



#9
Trichlorofluoromethane
Concen: 27.421 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion:101 Resp: 208743
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.4

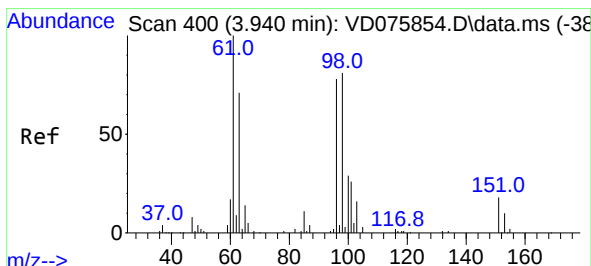
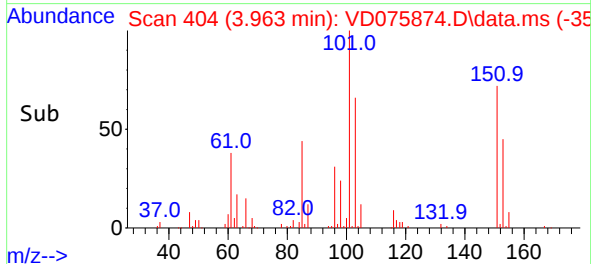
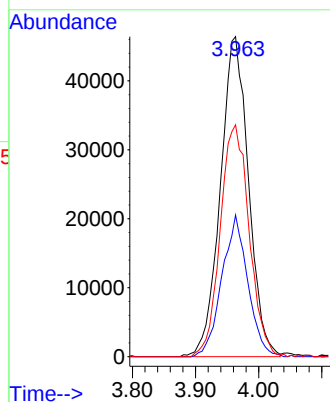
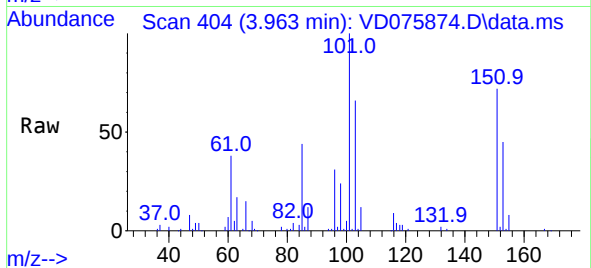




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.109 ug/L
RT: 3.963 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075874.D
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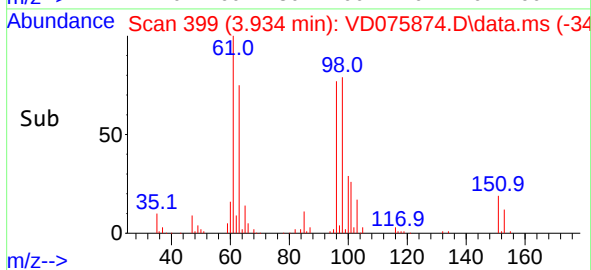
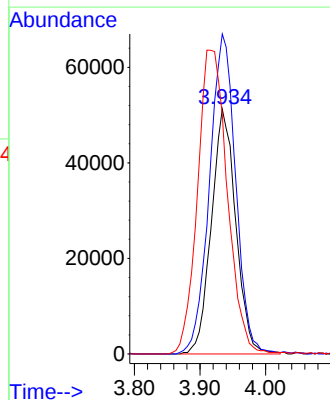
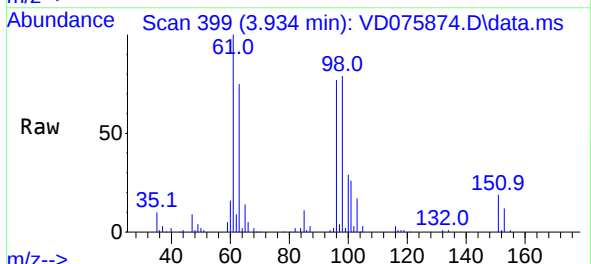
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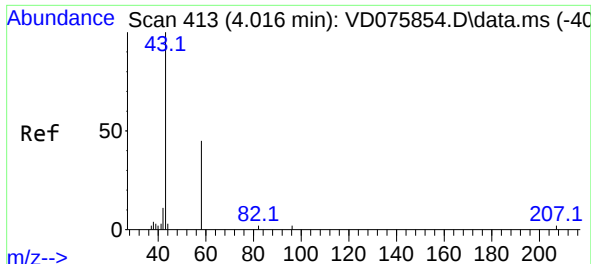
Tgt Ion:101 Resp: 143754
Ion Ratio Lower Upper
101 100
85 40.6 32.9 49.3
151 74.1 57.2 85.8



#12
1,1-Dichloroethene
Concen: 26.706 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 96 Resp: 132456
Ion Ratio Lower Upper
96 100
61 130.7 92.6 172.0
63 98.0 77.4 143.8

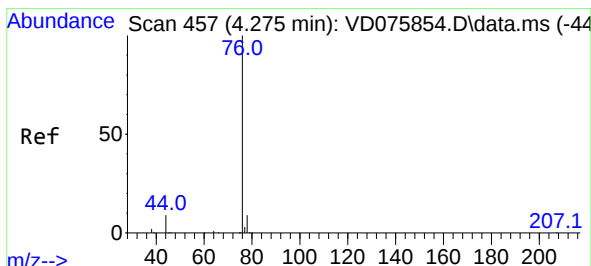
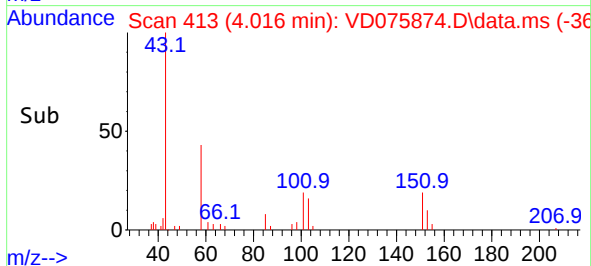
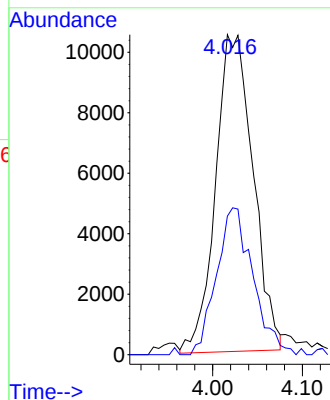
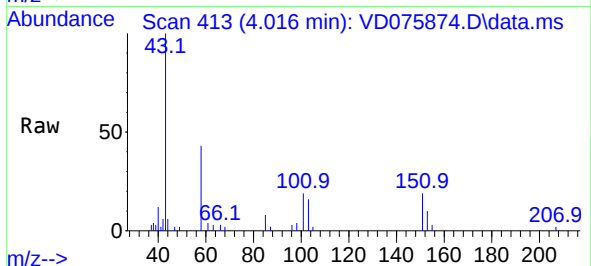




#13
Acetone
Concen: 49.477 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
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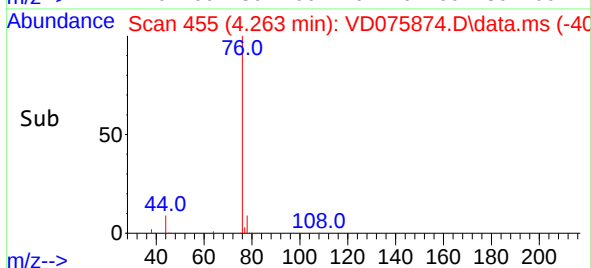
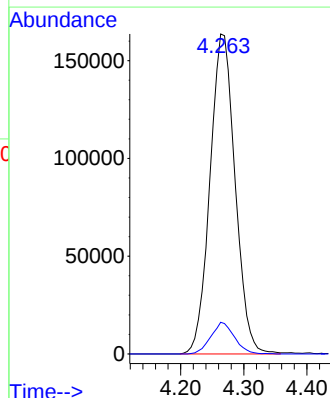
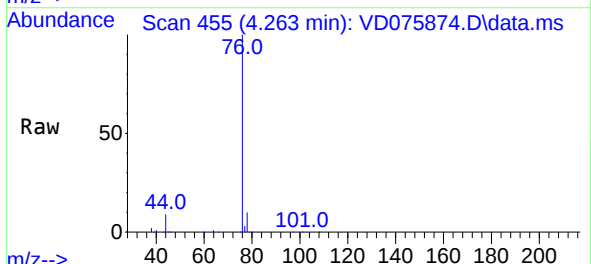
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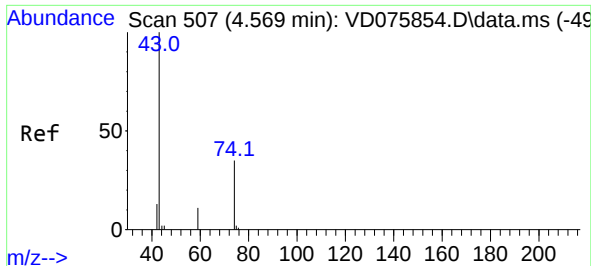
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Ion Ratio Lower Upper
43 100
58 43.4 0.0 87.4



#14
Carbon disulfide
Concen: 26.126 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.012 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 76 Resp: 452600
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

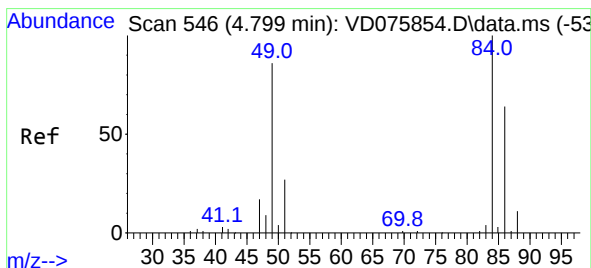
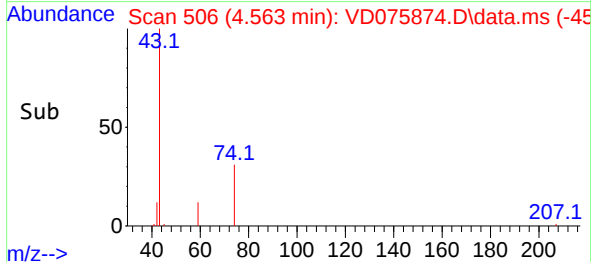
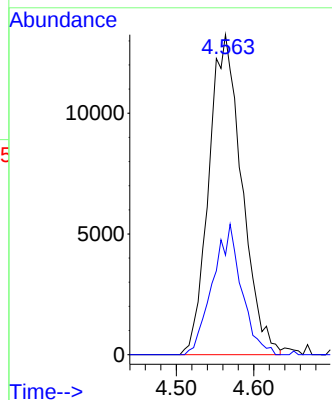
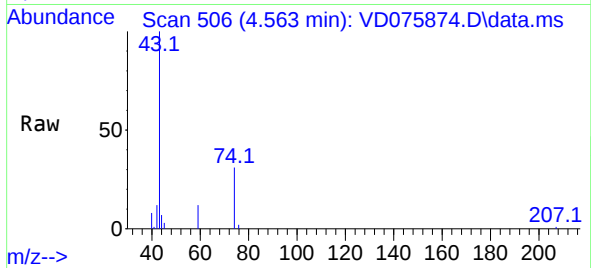




#15
Methyl Acetate
Concen: 29.454 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

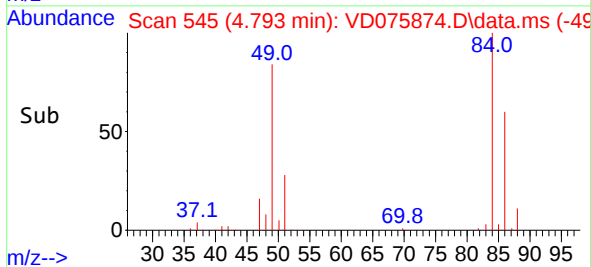
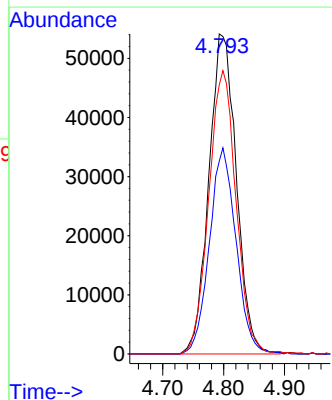
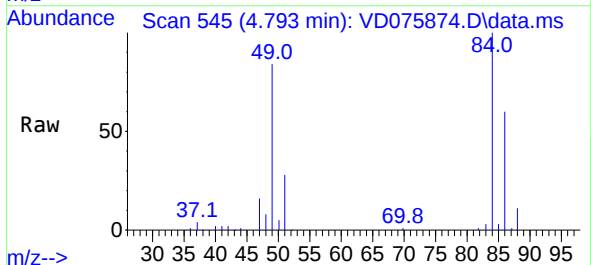
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

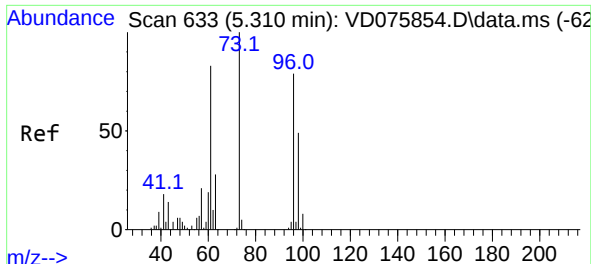
Tgt Ion: 43 Resp: 39242
Ion Ratio Lower Upper
43 100
74 35.6 12.8 19.2#



#16
Methylene chloride
Concen: 22.178 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 84 Resp: 169714
Ion Ratio Lower Upper
84 100
86 60.2 45.8 85.2
49 84.1 60.8 112.8



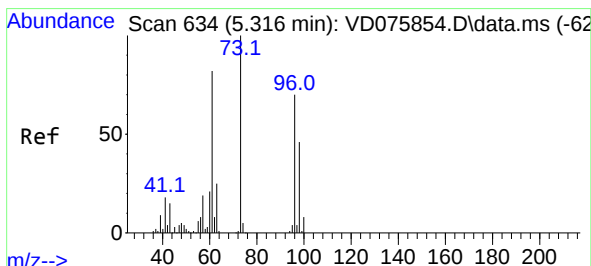
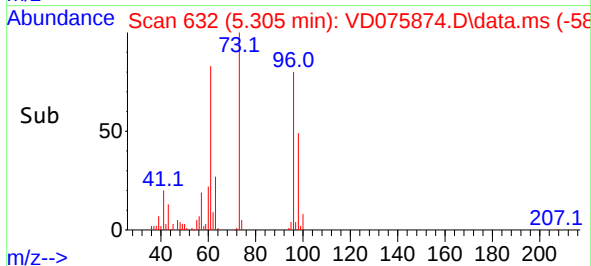
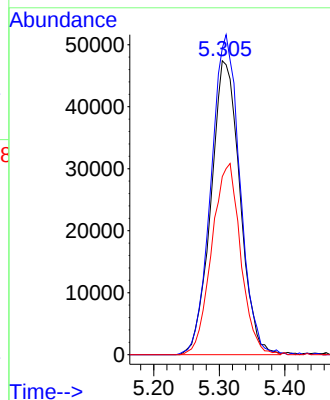
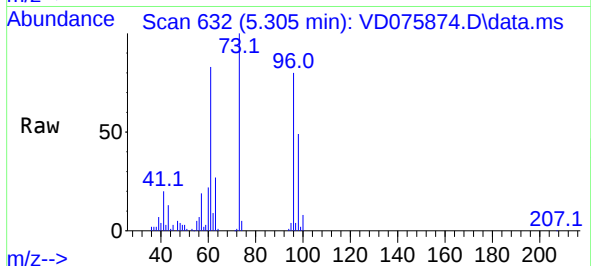


#17
trans-1,2-Dichloroethene
Concen: 26.158 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

Tgt Ion: 96 Resp: 145474

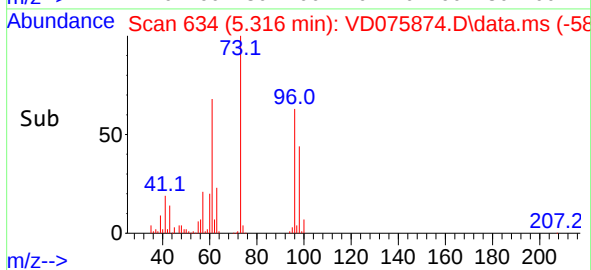
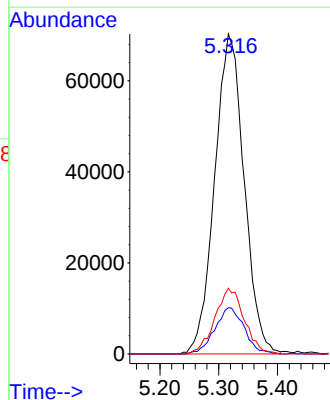
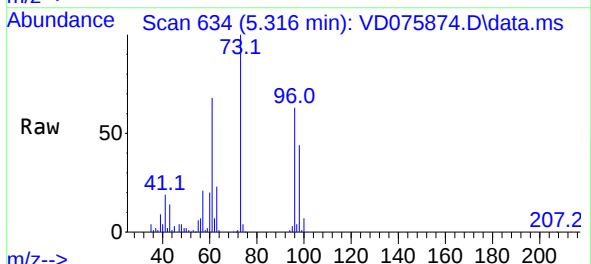
Ion	Ratio	Lower	Upper
96	100		
61	104.2	72.9	135.5
98	60.6	43.0	79.8

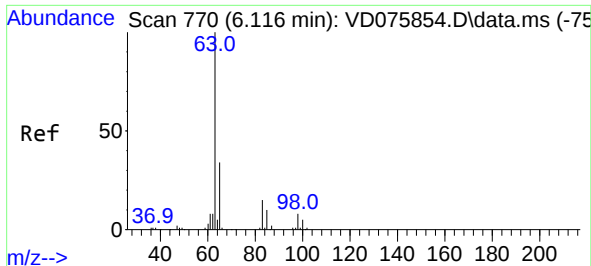


#18
Methyl tert-butyl Ether
Concen: 27.422 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 73 Resp: 244629

Ion	Ratio	Lower	Upper
73	100		
43	14.4	11.3	16.9
57	20.5	16.3	24.5

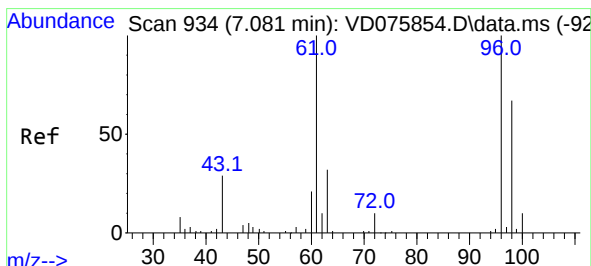
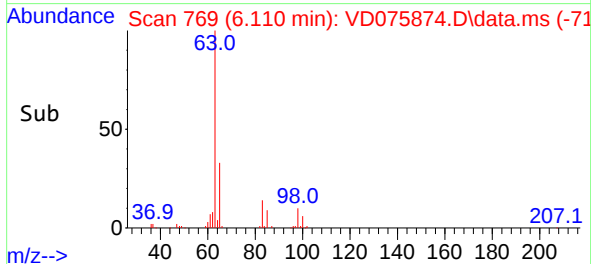
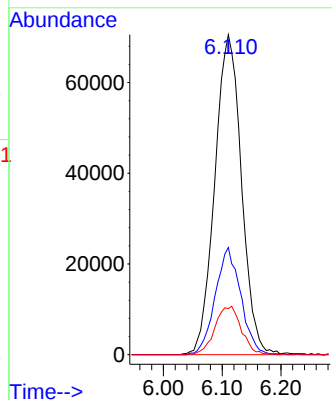
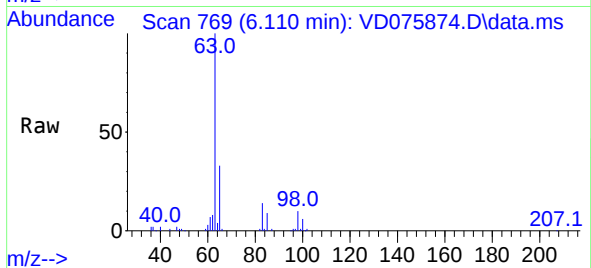




#19
1,1-Dichloroethane
Concen: 27.281 ug/L
RT: 6.110 min Scan# 770
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

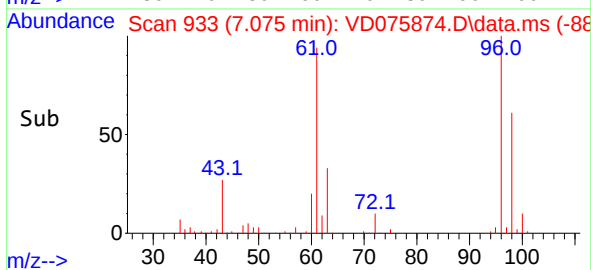
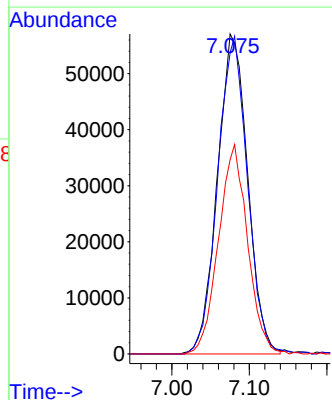
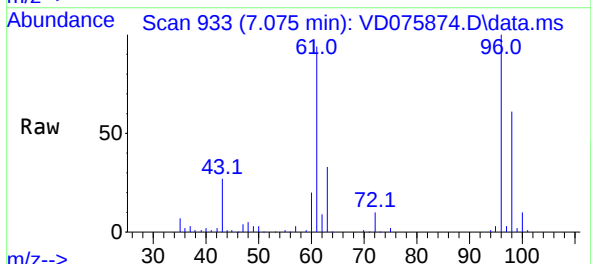
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

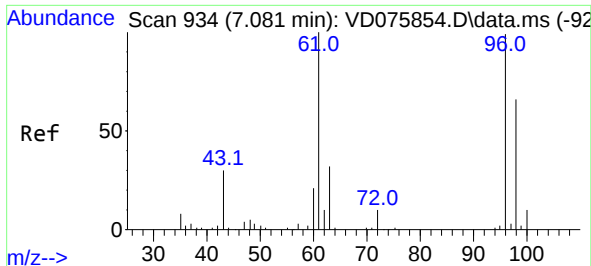
Tgt Ion: 63 Resp: 222261
Ion Ratio Lower Upper
63 100
65 33.5 22.8 42.4
83 14.4 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 26.327 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 96 Resp: 154817
Ion Ratio Lower Upper
96 100
61 94.1 67.5 125.3
98 60.7 47.5 88.1

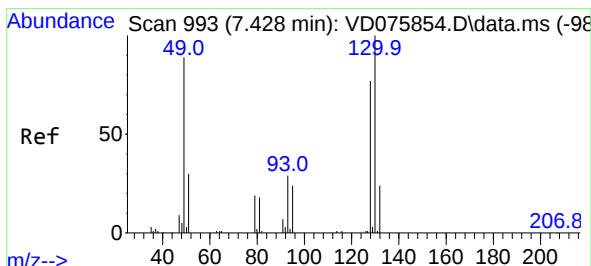
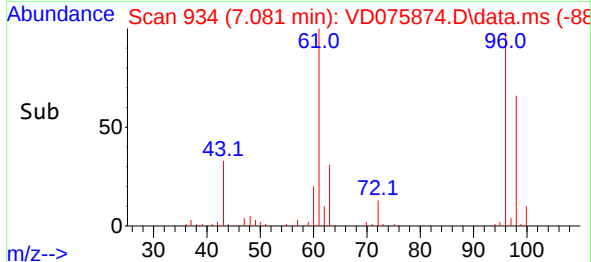
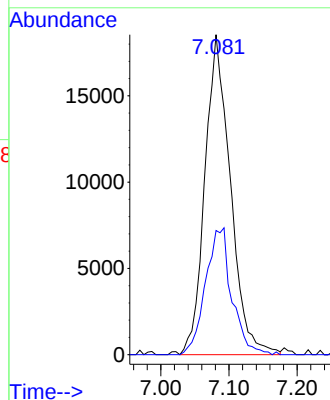
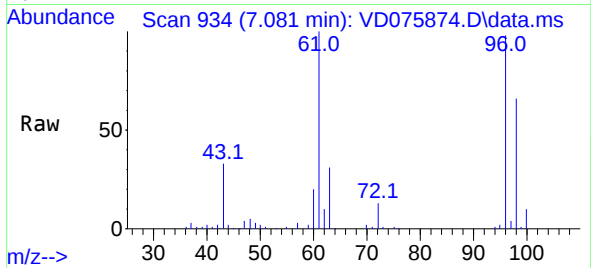




#22
2-Butanone
Concen: 60.323 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

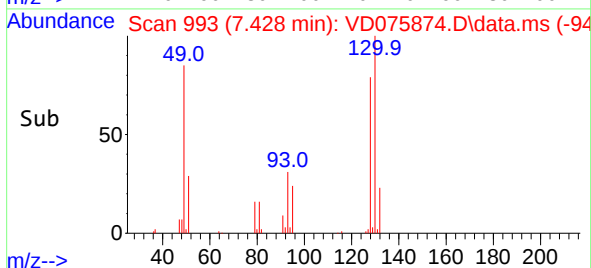
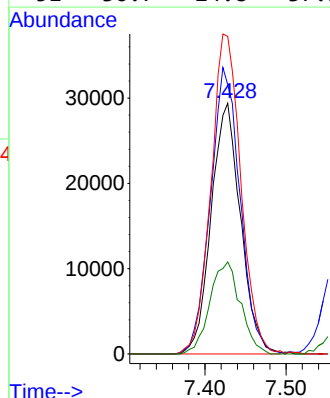
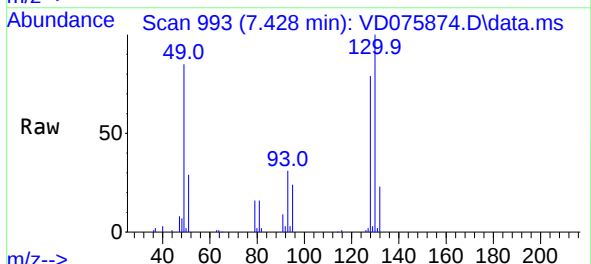
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

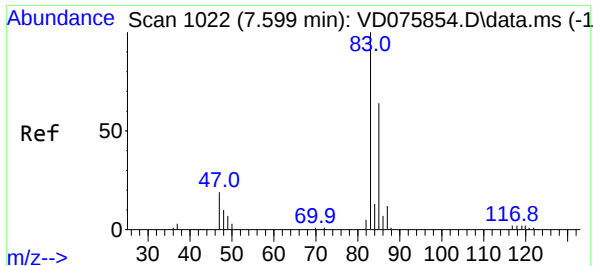
Tgt Ion: 43 Resp: 48347
Ion Ratio Lower Upper
43 100
72 40.7 20.5 61.5



#23
Bromochloromethane
Concen: 27.144 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 128 Resp: 74027
Ion Ratio Lower Upper
128 100
49 107.4 76.4 142.0
130 126.7 93.5 173.7
51 36.7 24.8 37.2

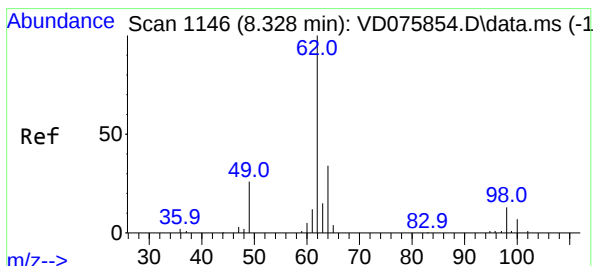
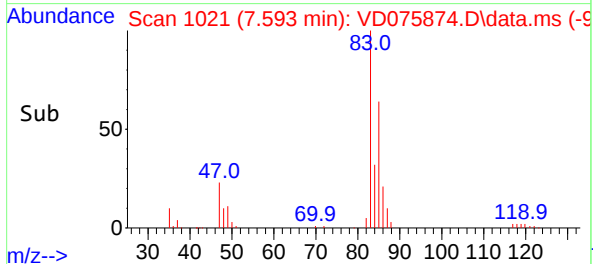
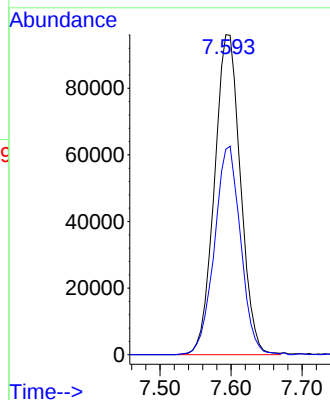
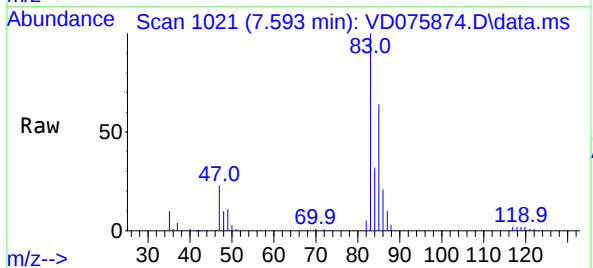




#25
Chloroform
Concen: 26.766 ug/L
RT: 7.593 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

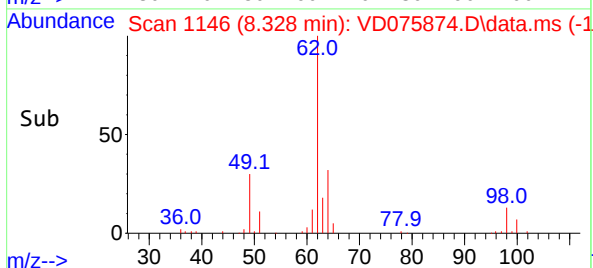
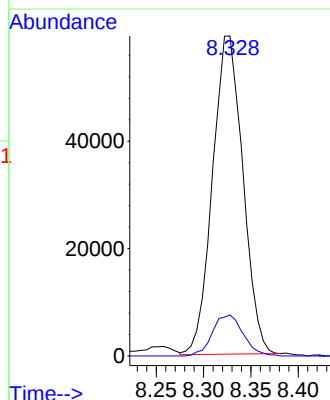
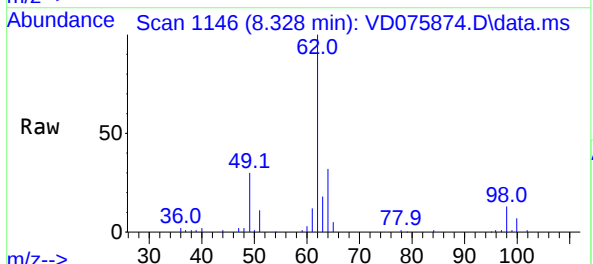
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

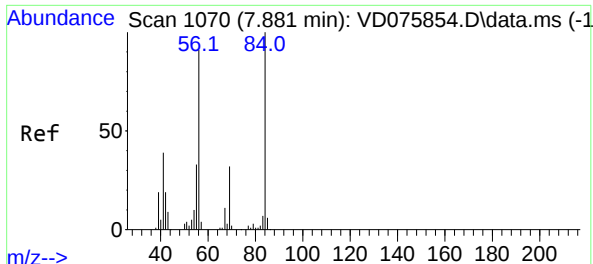
Tgt Ion: 83 Resp: 244398
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.5



#27
1,2-Dichloroethane
Concen: 28.091 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 62 Resp: 132400
Ion Ratio Lower Upper
62 100
98 12.8 10.2 15.2

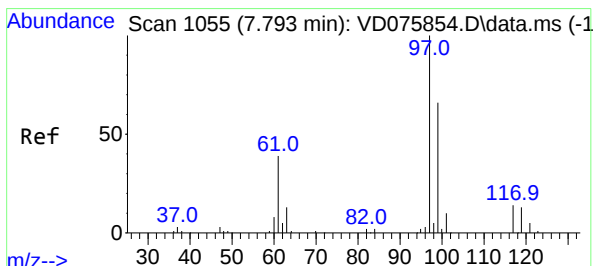
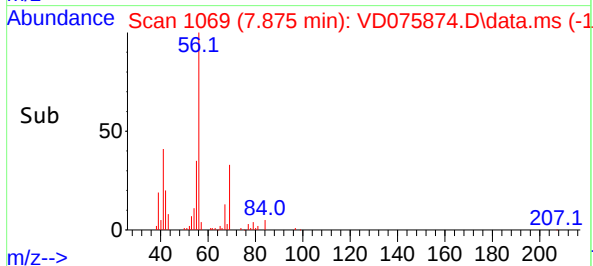
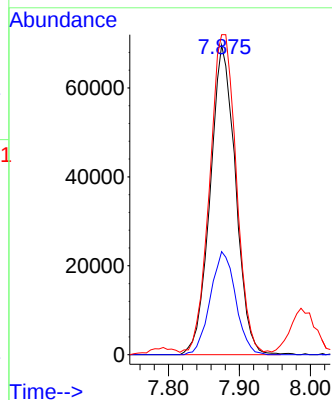
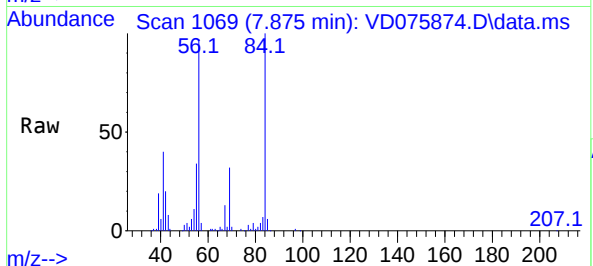




#29
Cyclohexane
Concen: 28.943 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

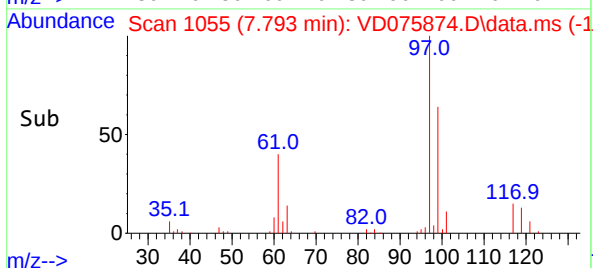
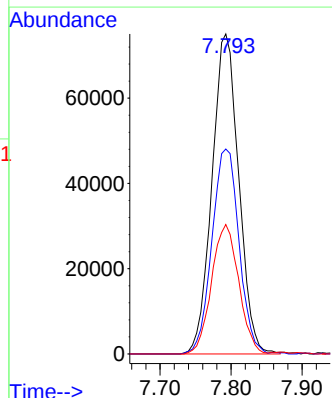
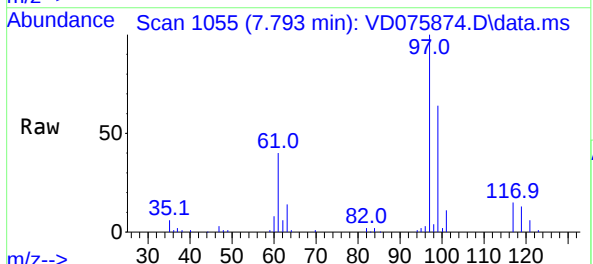
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

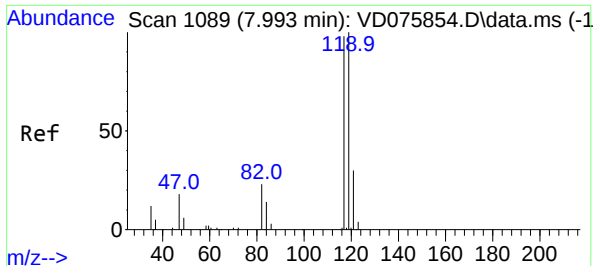
Tgt Ion: 56 Resp: 172308
Ion Ratio Lower Upper
56 100
69 33.3 28.2 42.2
84 108.9 92.4 138.6



#30
1,1,1-Trichloroethane
Concen: 26.630 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 97 Resp: 195940
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 41.2 32.1 48.1

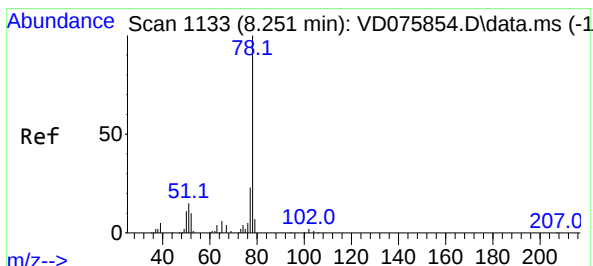
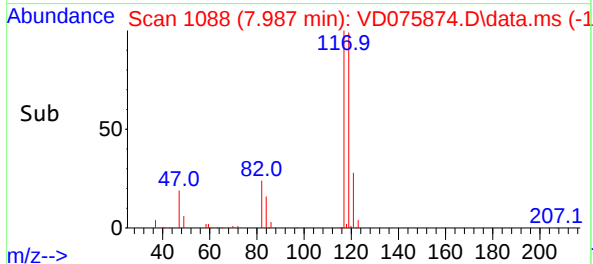
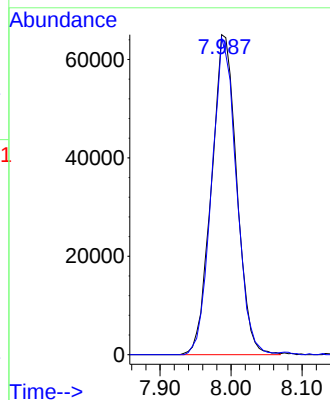
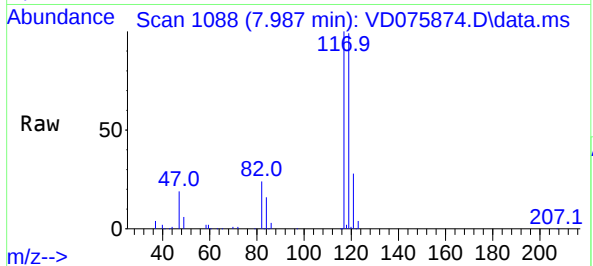




#31
Carbon tetrachloride
Concen: 27.252 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

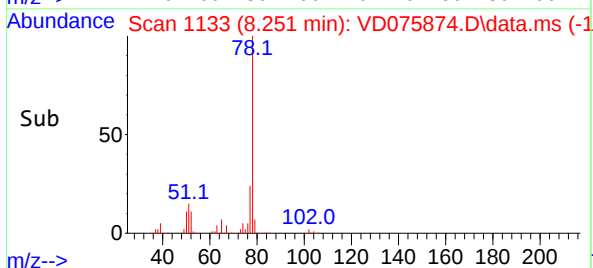
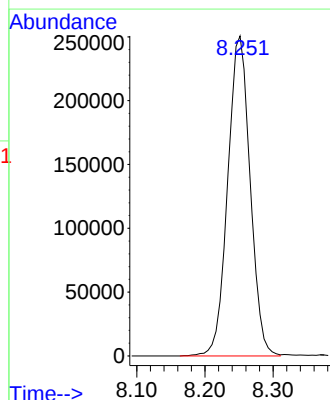
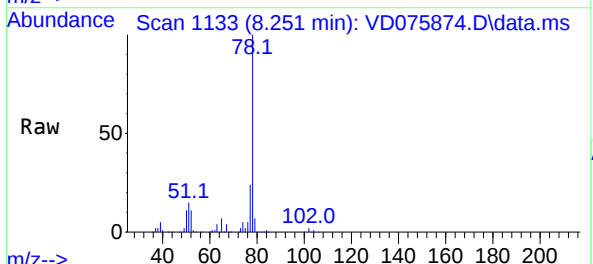
Instrument : MSVOA_D
ClientSampleId : VSTD025136

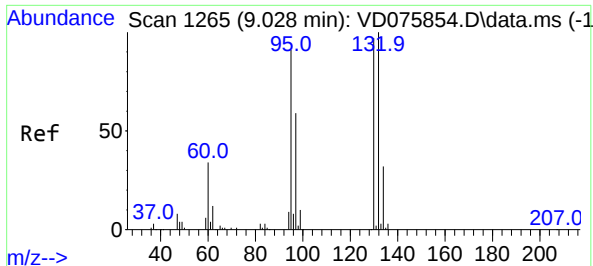
Tgt Ion:117 Resp: 160871
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.4



#33
Benzene
Concen: 27.248 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

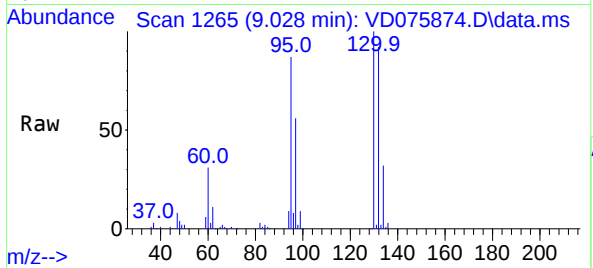
Tgt Ion: 78 Resp: 573175



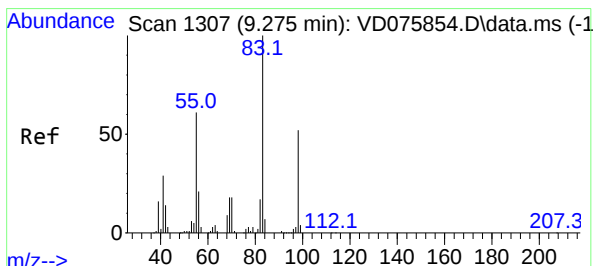
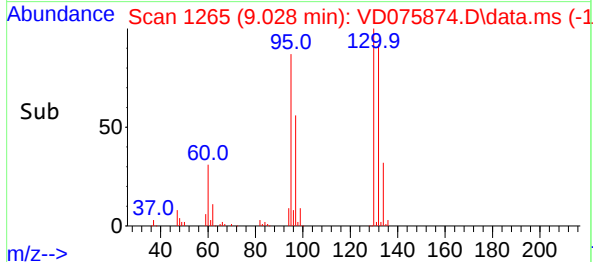
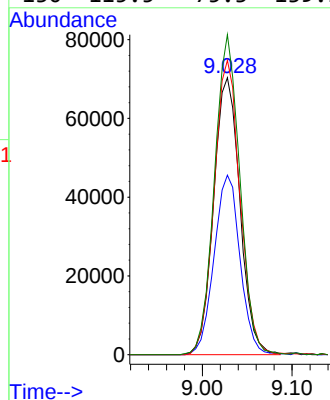


#34
Trichloroethene
Concen: 26.261 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

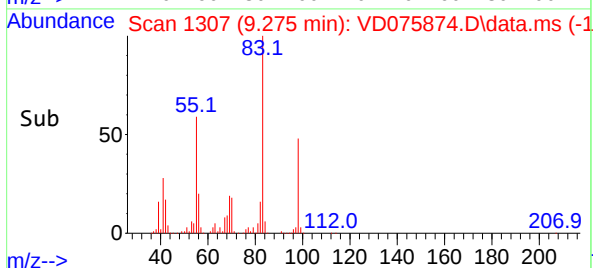
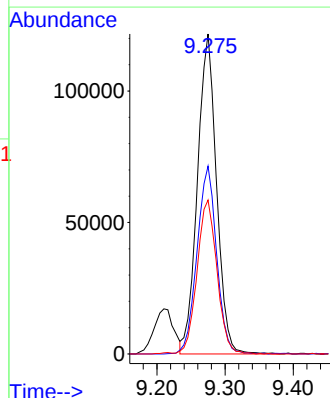
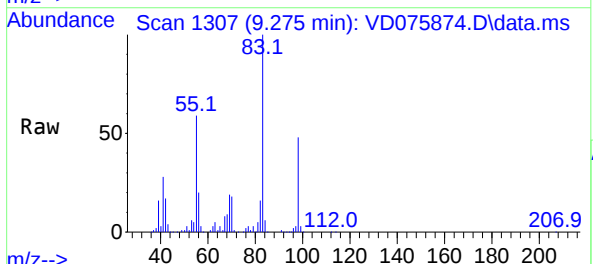


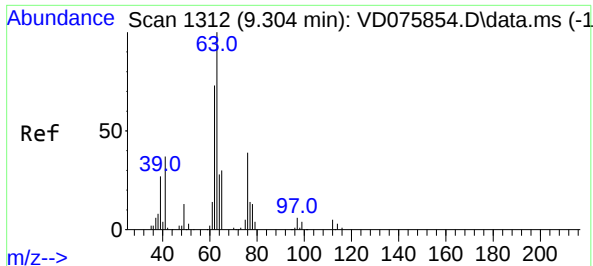
Tgt Ion: 95 Resp: 142858
Ion Ratio Lower Upper
95 100
97 64.8 46.0 85.4
132 106.3 73.3 136.1
130 115.5 75.3 139.9



#35
Methylcyclohexane
Concen: 28.218 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 83 Resp: 236667
Ion Ratio Lower Upper
83 100
55 59.6 48.2 72.2
98 49.5 40.8 61.2

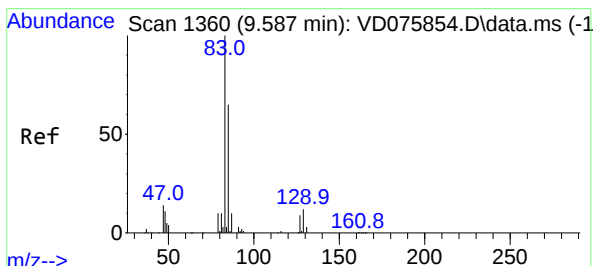
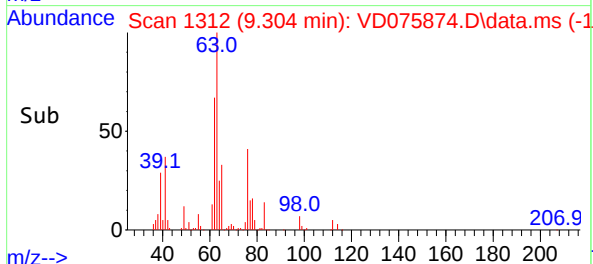
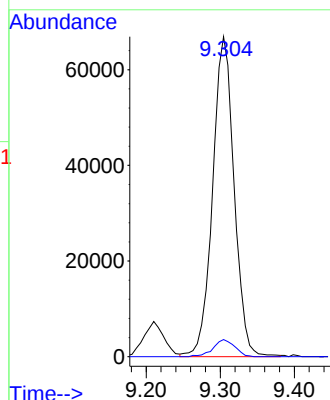
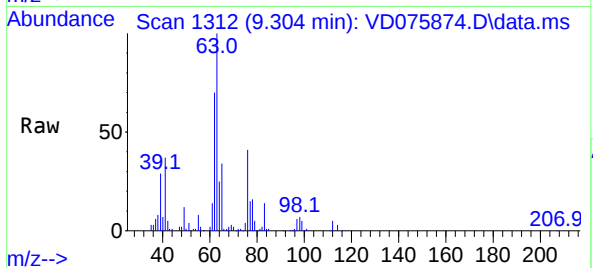




#37
1,2-Dichloropropane
Concen: 27.874 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

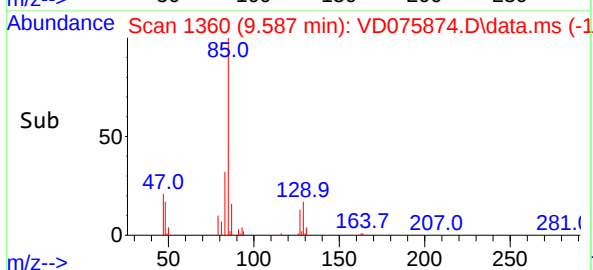
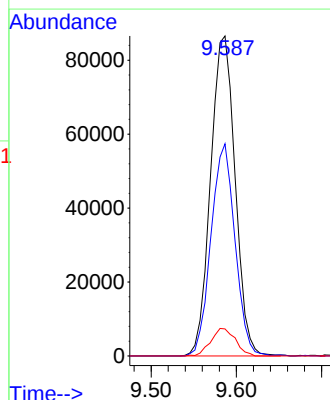
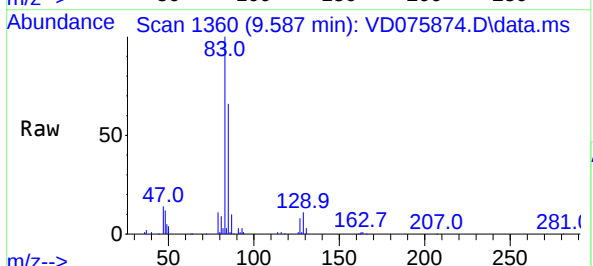
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

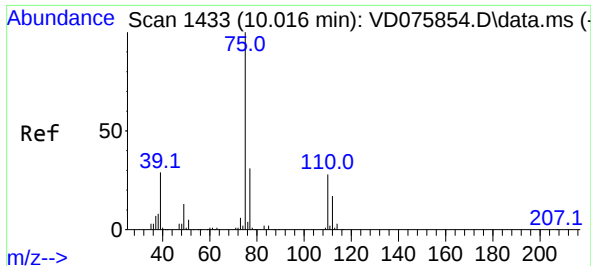
Tgt Ion: 63 Resp: 134688
Ion Ratio Lower Upper
63 100
112 5.3 4.0 6.0



#38
Bromodichloromethane
Concen: 26.609 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 83 Resp: 173366
Ion Ratio Lower Upper
83 100
85 66.3 44.2 82.2
127 8.5 6.3 9.5

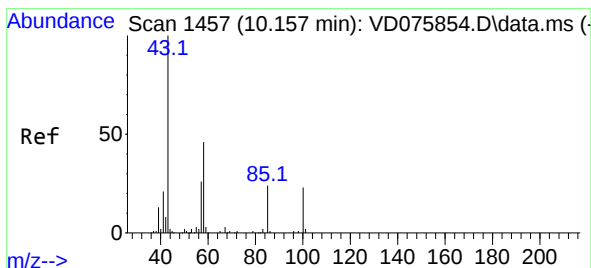
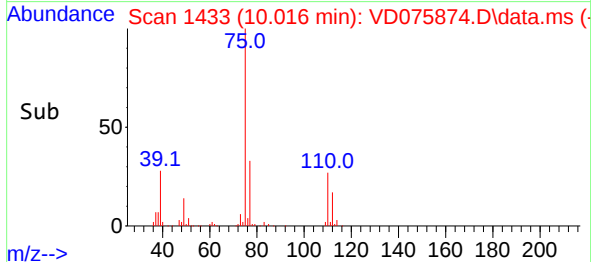
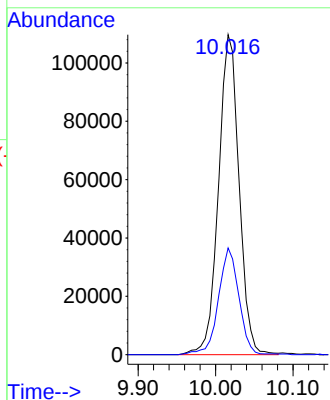
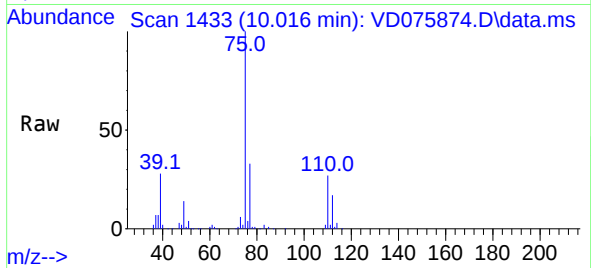




#39
cis-1,3-Dichloropropene
Concen: 26.329 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

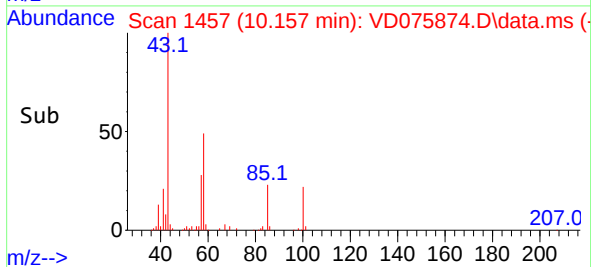
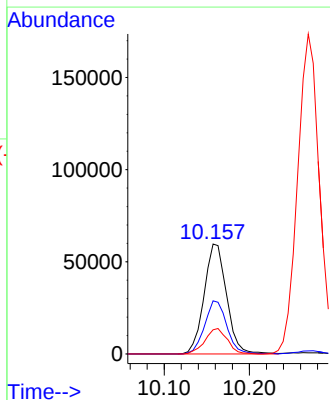
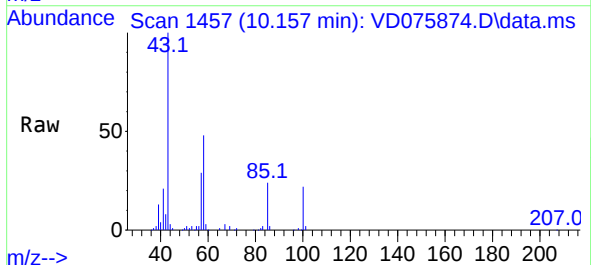
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

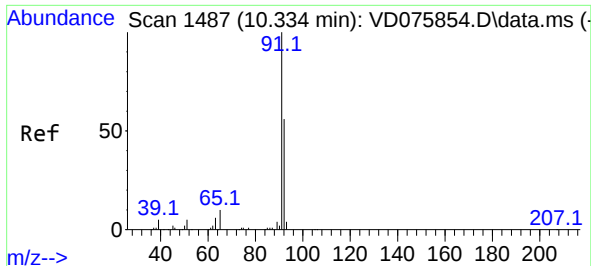
Tgt Ion: 75 Resp: 202330
Ion Ratio Lower Upper
75 100
77 33.4 23.4 43.6



#40
4-Methyl-2-pentanone
Concen: 62.047 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 43 Resp: 109310
Ion Ratio Lower Upper
43 100
58 47.4 39.1 58.7
100 22.9 19.4 29.0

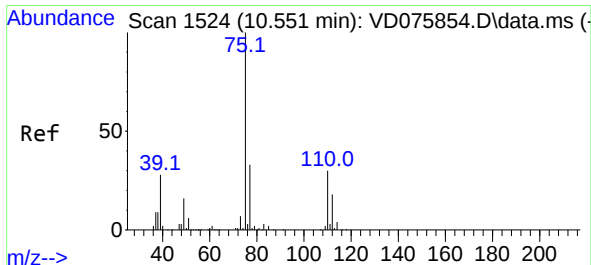
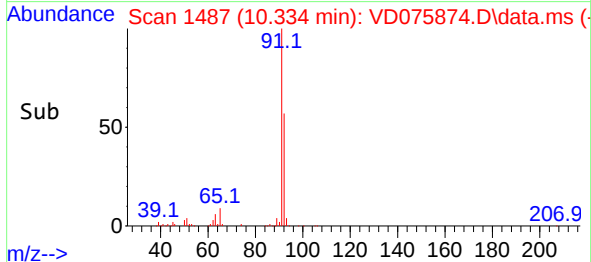
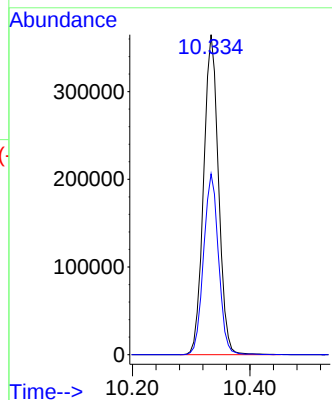
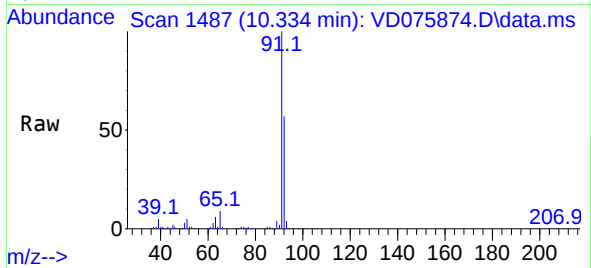




#42
Toluene
Concen: 28.152 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

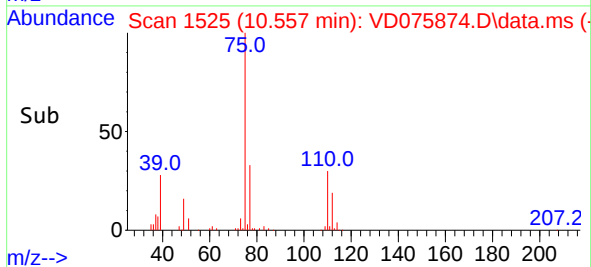
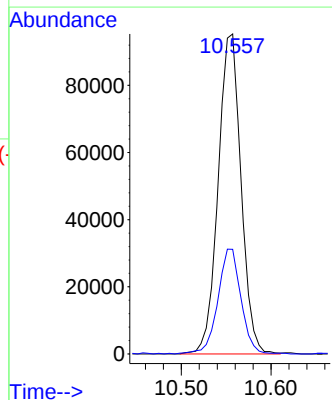
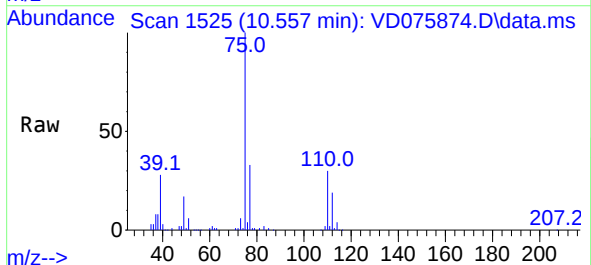
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

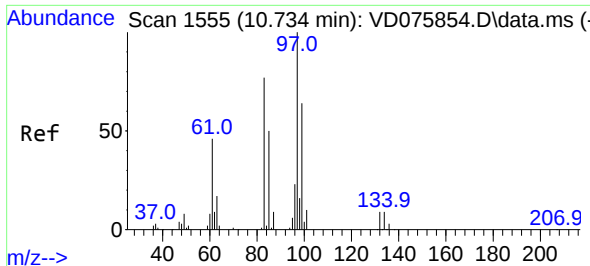
Tgt Ion: 91 Resp: 640838
Ion Ratio Lower Upper
91 100
92 56.5 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 27.340 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 75 Resp: 168777
Ion Ratio Lower Upper
75 100
77 32.7 22.0 41.0



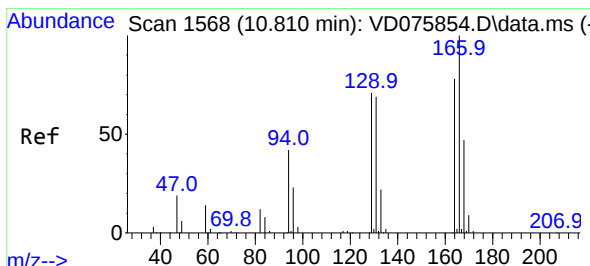
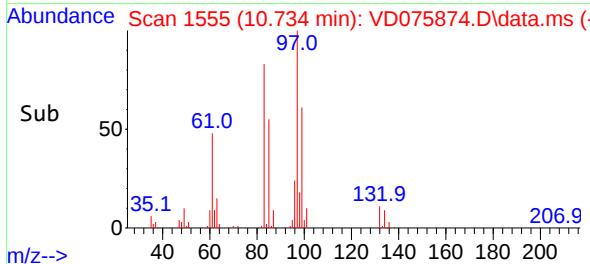
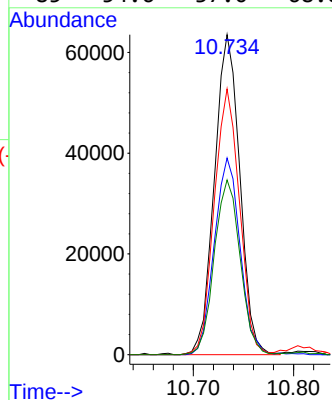
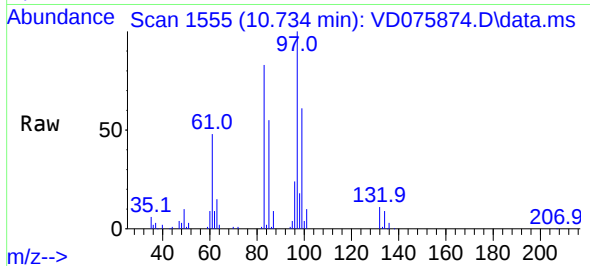


#45
1,1,2-Trichloroethane
Concen: 27.216 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

Tgt Ion: 97 Resp: 111879

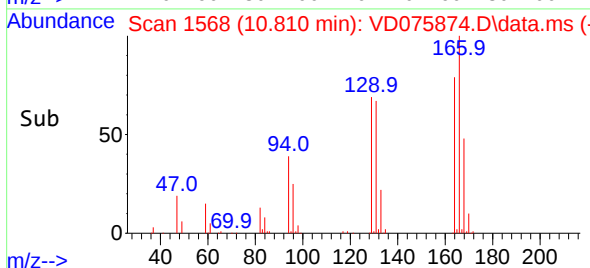
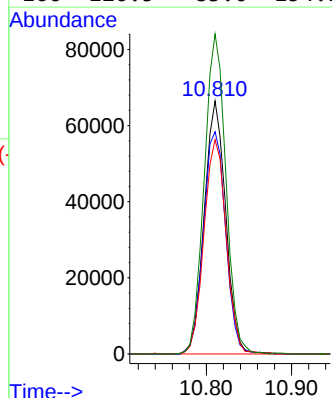
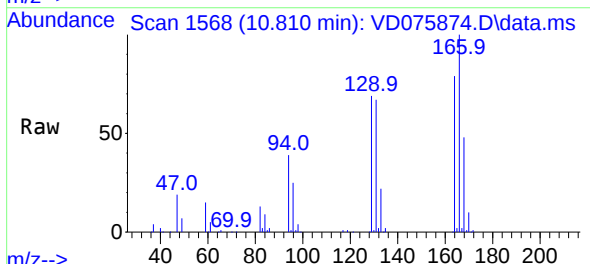
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.2	78.4
83	83.0	54.8	101.8
85	54.6	37.0	68.8

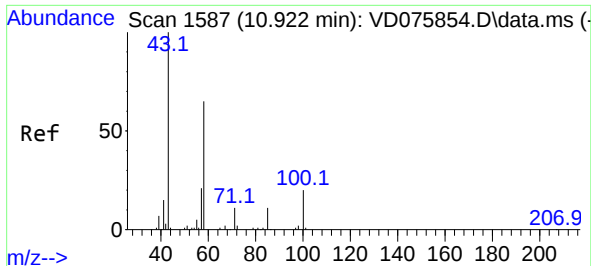


#46
Tetrachloroethene
Concen: 26.124 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 164 Resp: 116563

Ion	Ratio	Lower	Upper
164	100		
129	87.8	60.3	112.1
131	84.7	58.9	109.3
166	126.5	83.0	154.1



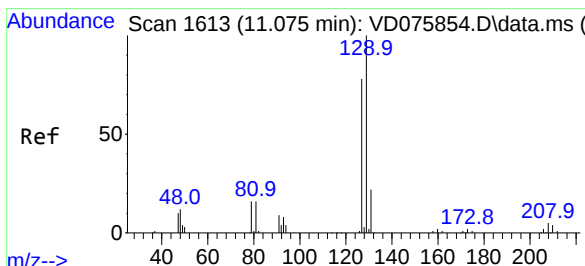
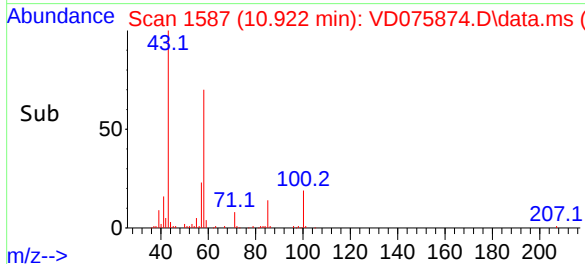
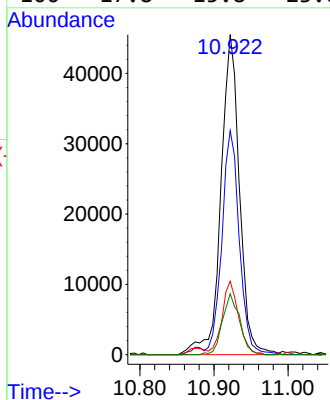
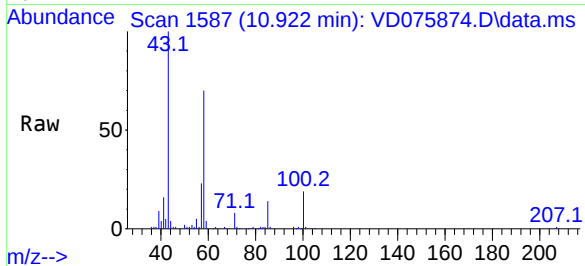


#48
2-Hexanone
Concen: 64.037 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

Tgt Ion: 43 Resp: 79533

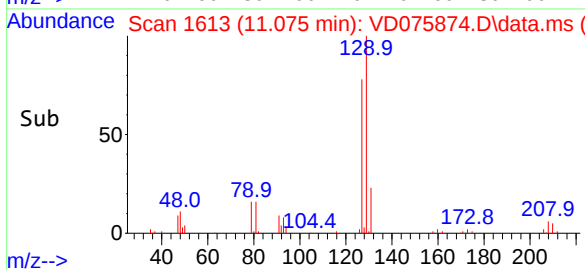
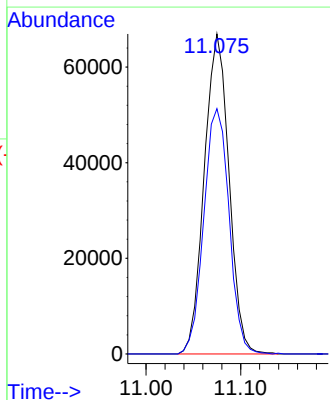
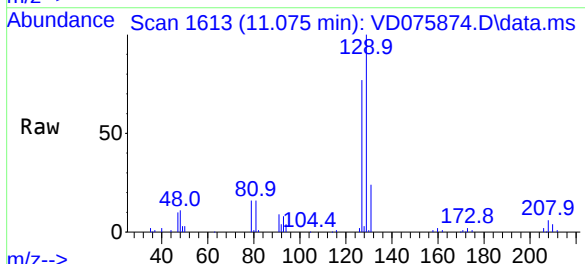
Ion	Ratio	Lower	Upper
43	100		
58	65.5	59.7	89.5
57	20.2	17.9	26.9
100	17.8	15.8	23.6

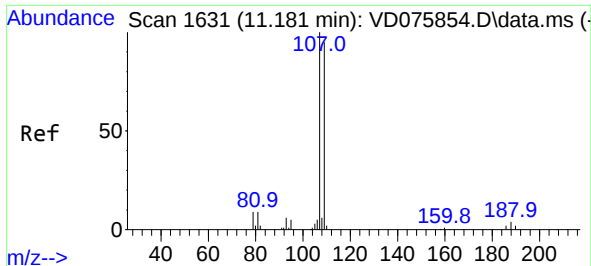


#49
Dibromochloromethane
Concen: 27.105 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 129 Resp: 121299

Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.6	103.4

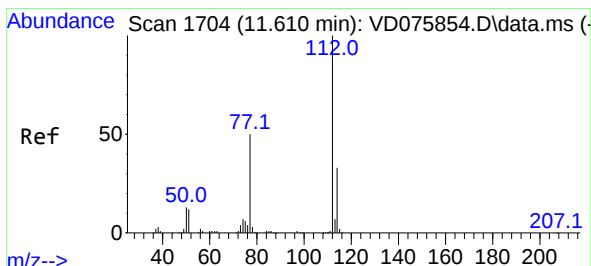
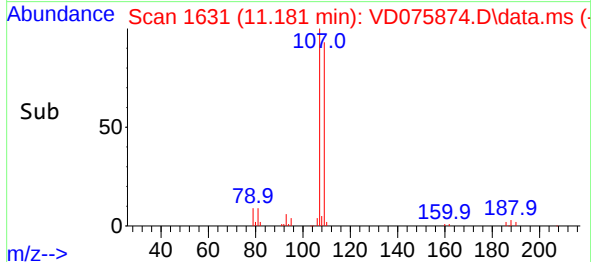
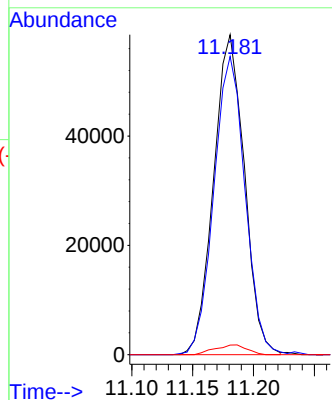
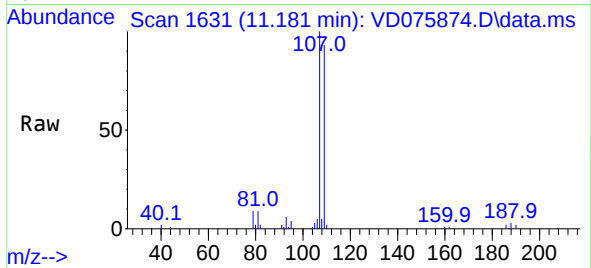




#50
1,2-Dibromoethane
Concen: 27.762 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

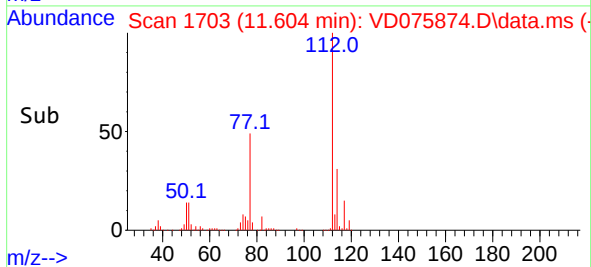
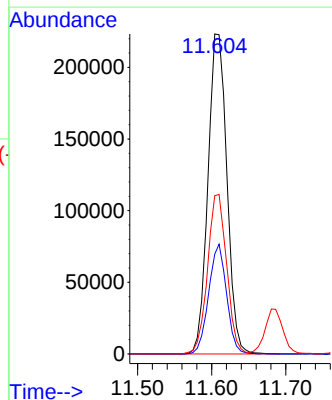
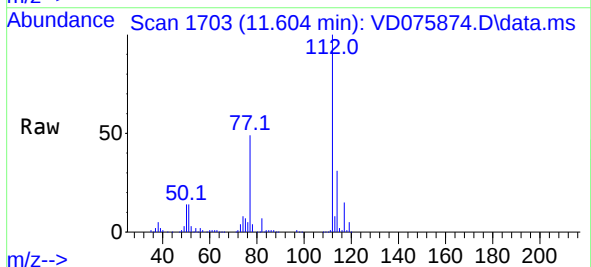
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

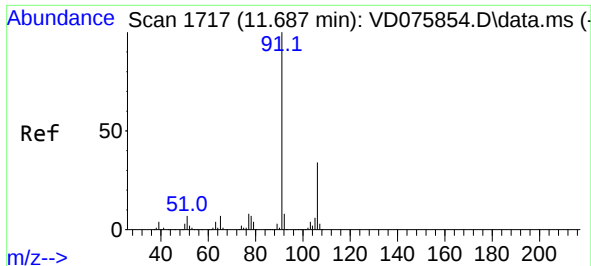
Tgt Ion:107 Resp: 102891
Ion Ratio Lower Upper
107 100
109 93.2 67.6 125.6
188 3.0 3.0 4.6#



#51
Chlorobenzene
Concen: 26.624 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion:112 Resp: 396488
Ion Ratio Lower Upper
112 100
114 31.2 23.0 42.8
77 49.4 39.7 59.5

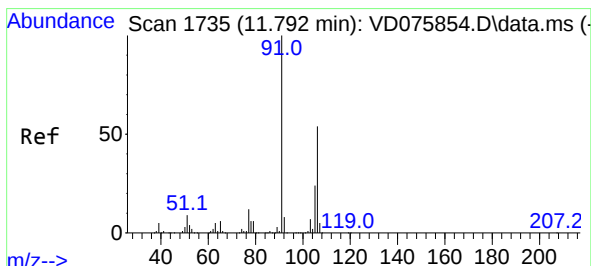
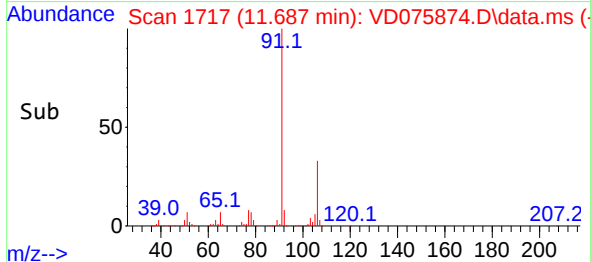
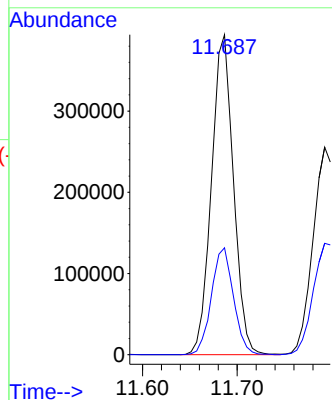
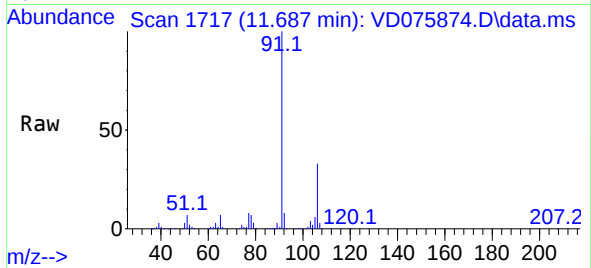




#52
Ethylbenzene
Concen: 27.205 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

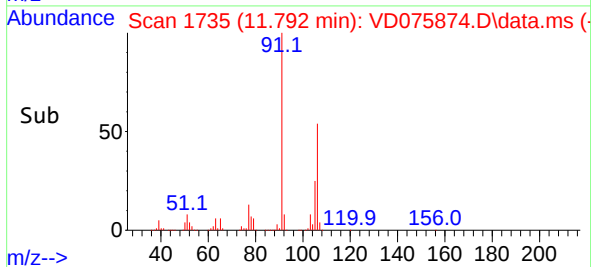
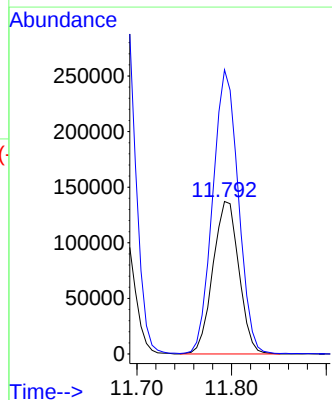
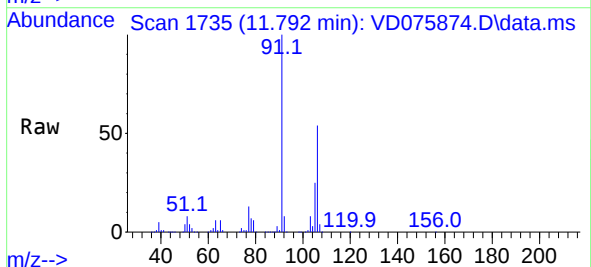
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

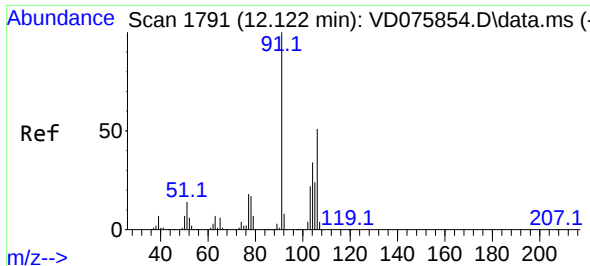
Tgt Ion: 91 Resp: 635035
Ion Ratio Lower Upper
91 100
106 33.4 23.7 43.9



#53
m,p-Xylene
Concen: 28.110 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 106 Resp: 261281
Ion Ratio Lower Upper
106 100
91 186.5 130.9 243.1

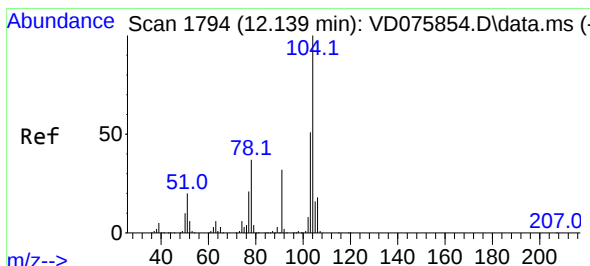
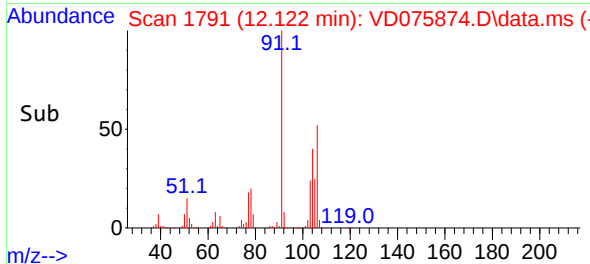
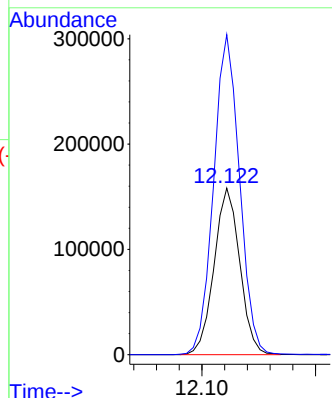
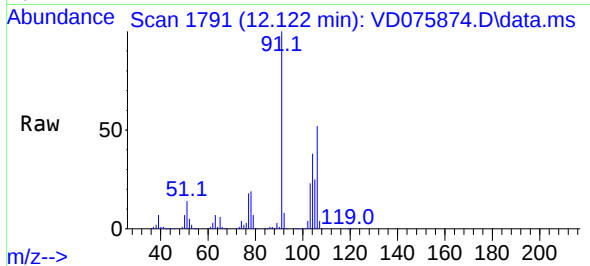




#54
o-Xylene
Concen: 28.114 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

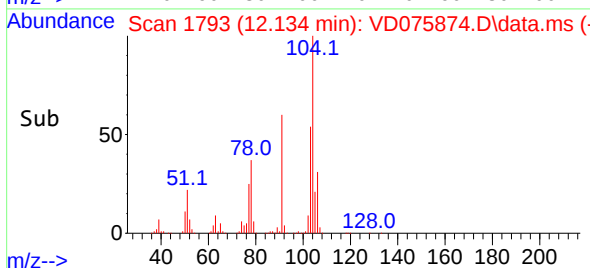
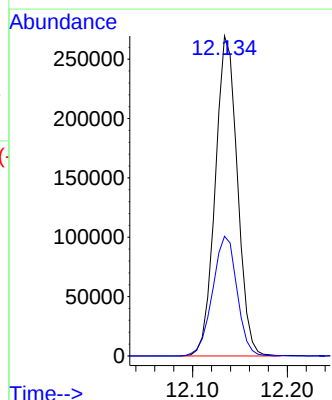
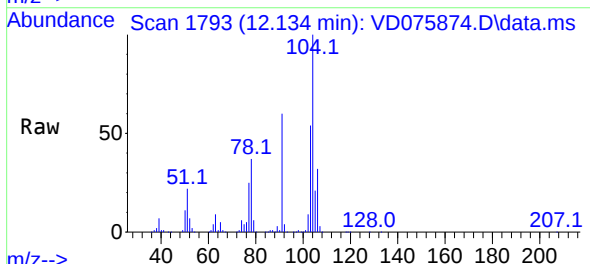
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

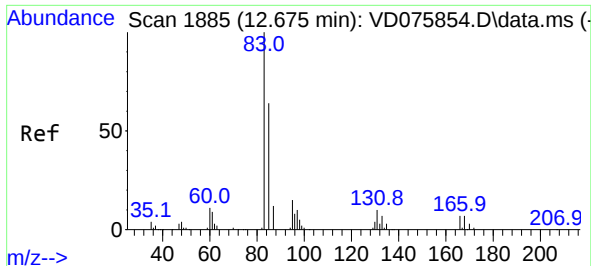
Tgt Ion:106 Resp: 248203
Ion Ratio Lower Upper
106 100
91 192.1 139.8 259.6



#55
Styrene
Concen: 28.548 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion:104 Resp: 438661
Ion Ratio Lower Upper
104 100
78 37.4 26.2 48.6

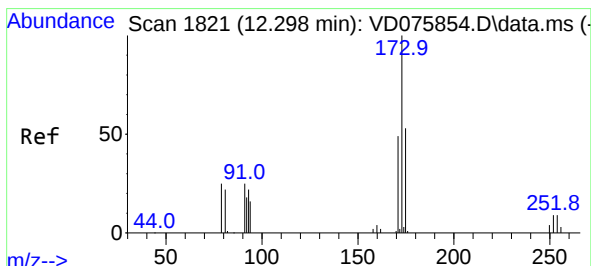
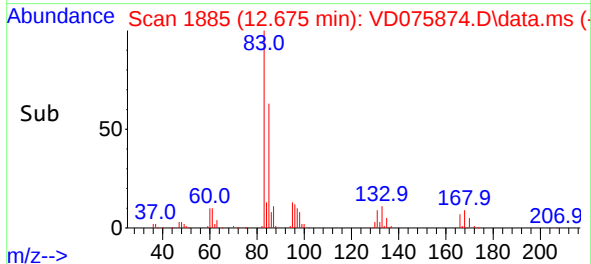
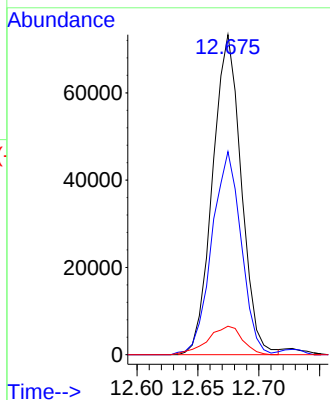
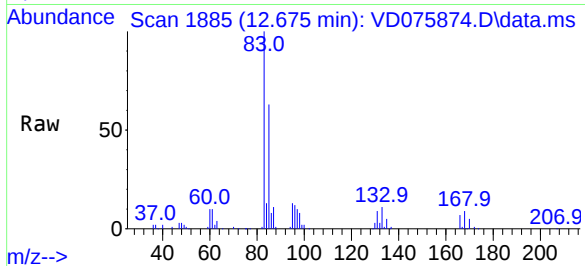




#57
1,1,2,2-Tetrachloroethane
Concen: 28.712 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

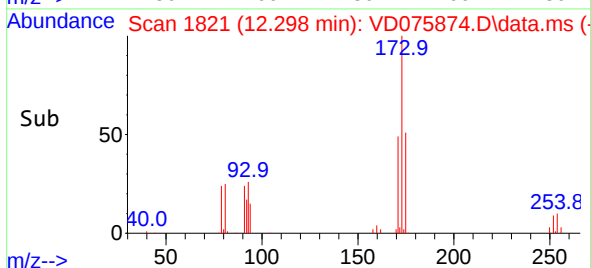
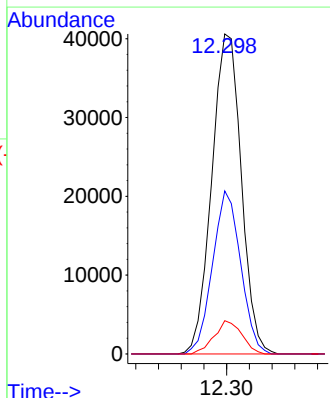
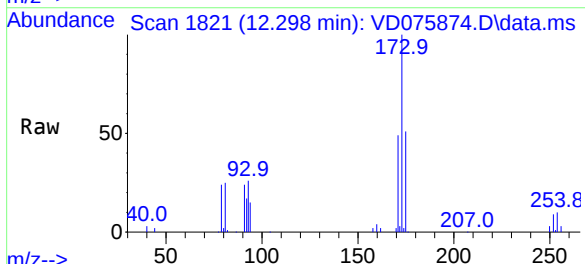
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

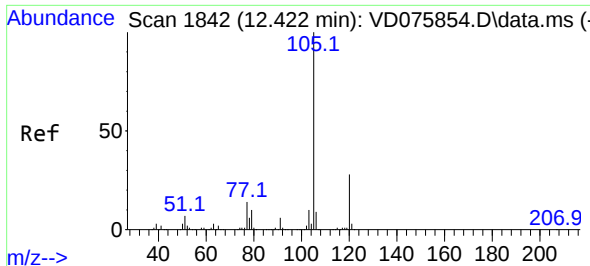
Tgt Ion: 83 Resp: 120092
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7
131 8.9 7.0 10.6



#59
Bromoform
Concen: 27.666 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

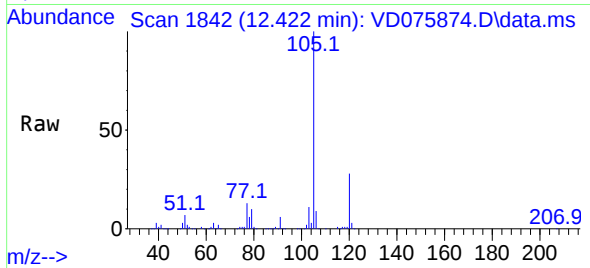
Tgt Ion:173 Resp: 73282
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.0
254 9.7 7.4 11.2



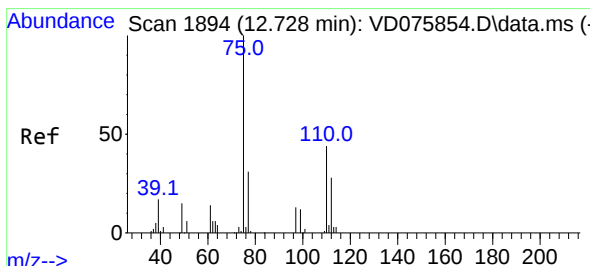
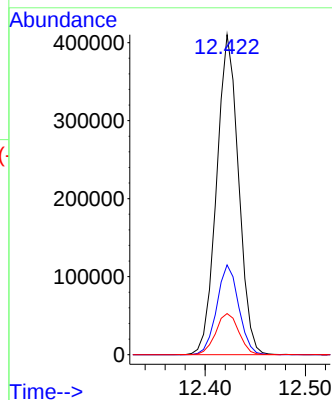
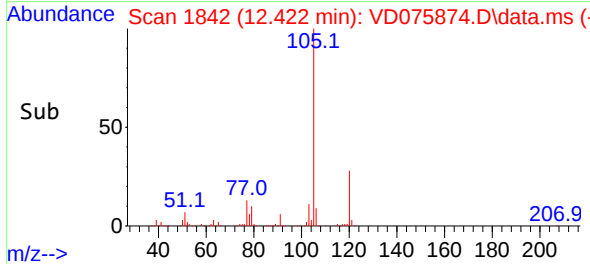


#60
Isopropylbenzene
Concen: 27.197 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

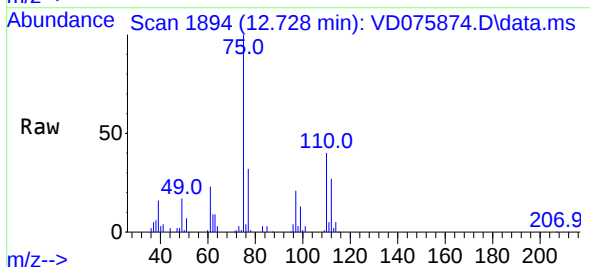
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136



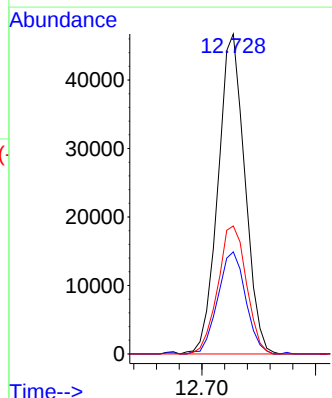
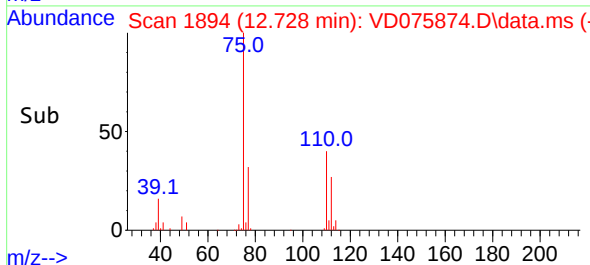
Tgt Ion:105 Resp: 623274
Ion Ratio Lower Upper
105 100
120 28.0 22.7 34.1
77 13.6 10.9 16.3

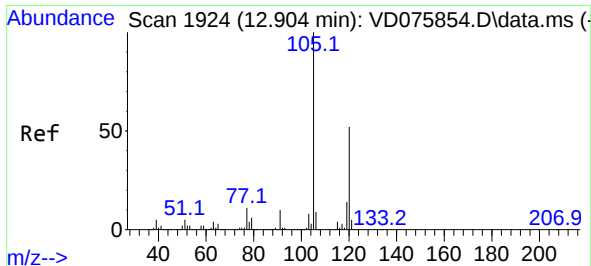


#61
1,2,3-Trichloropropane
Concen: 28.194 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34



Tgt Ion: 75 Resp: 76546
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8
110 42.6 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 27.463 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075874.D

Acq: 27 Apr 2023 21:34

Instrument :

MSVOA_D

ClientSampleId :

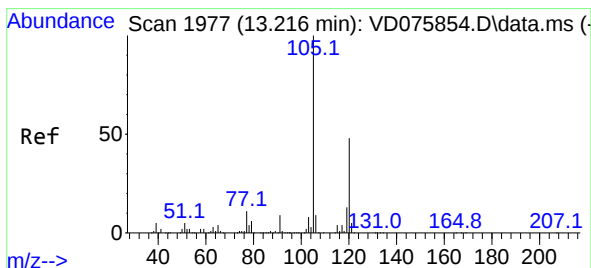
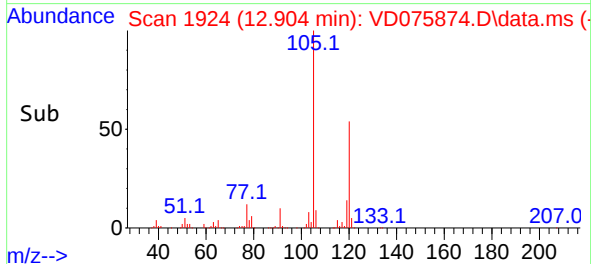
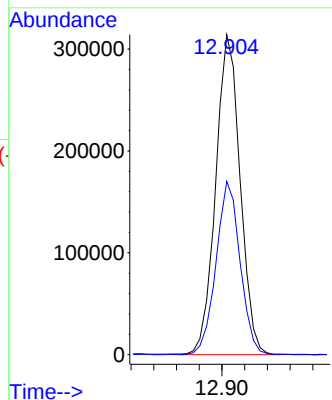
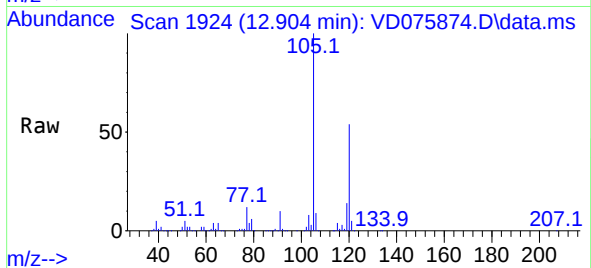
VSTD025136

Tgt Ion:105 Resp: 469302

Ion Ratio Lower Upper

105 100

120 53.2 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 28.022 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075874.D

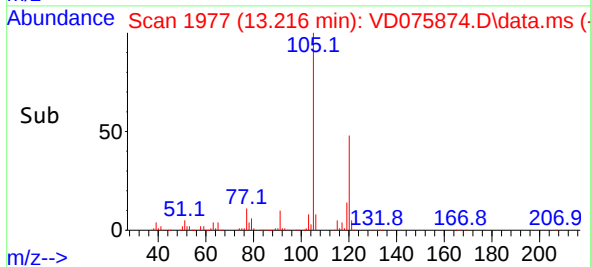
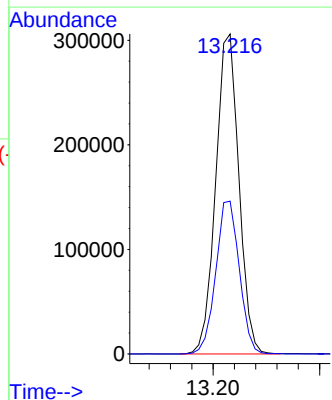
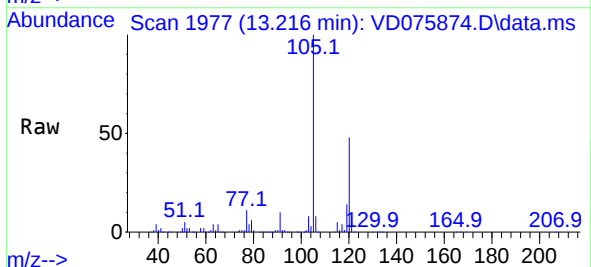
Acq: 27 Apr 2023 21:34

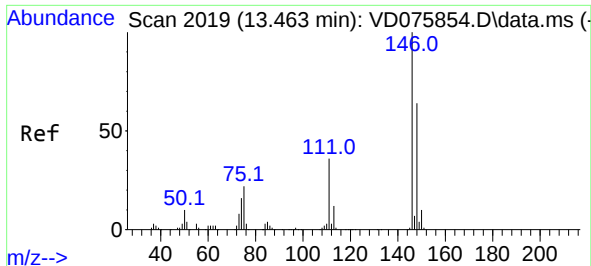
Tgt Ion:105 Resp: 461609

Ion Ratio Lower Upper

105 100

120 48.5 39.0 58.6

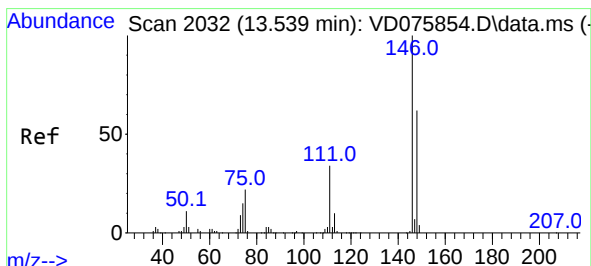
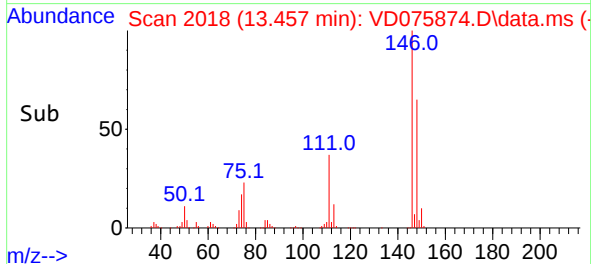
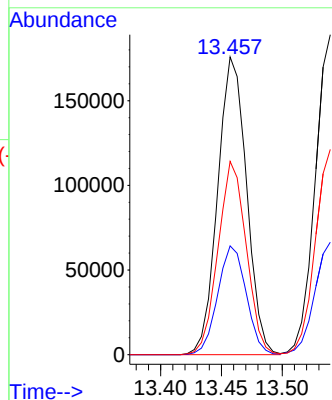
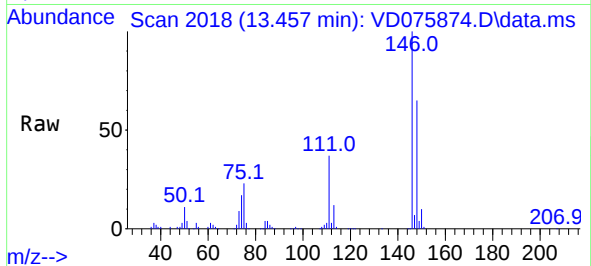




#64
1,3-Dichlorobenzene
Concen: 26.465 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

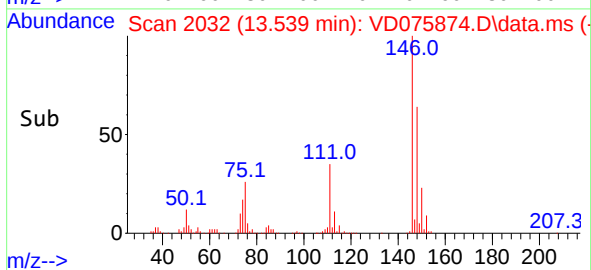
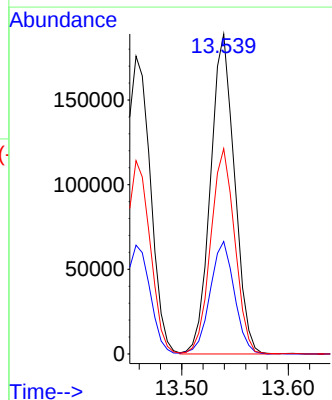
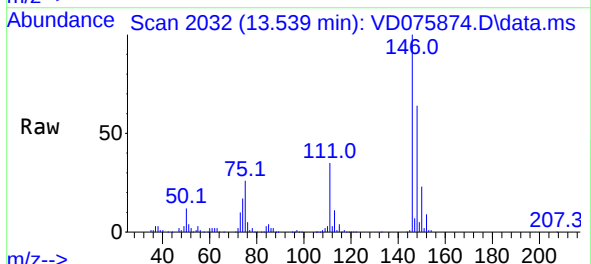
Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

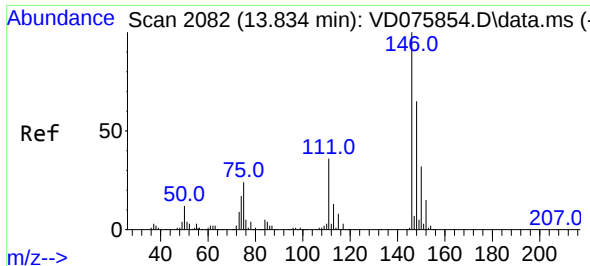
Tgt Ion:146 Resp: 290195
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.1
148 64.9 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.697 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion:146 Resp: 295724
Ion Ratio Lower Upper
146 100
111 35.1 24.6 45.8
148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.492 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075874.D

Acq: 27 Apr 2023 21:34

Instrument :

MSVOA_D

ClientSampleId :

VSTD025136

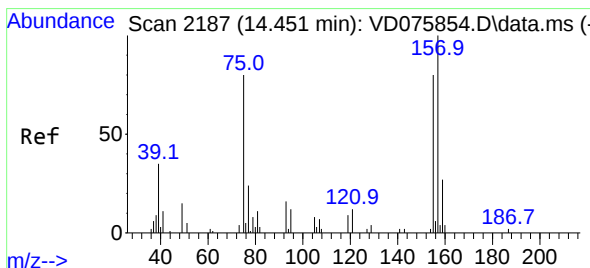
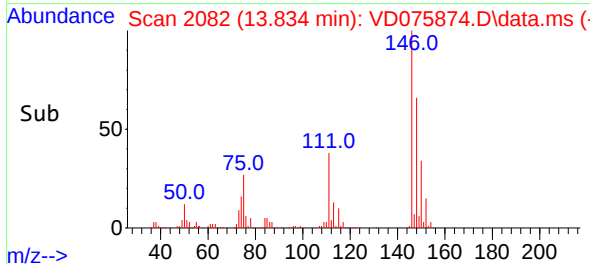
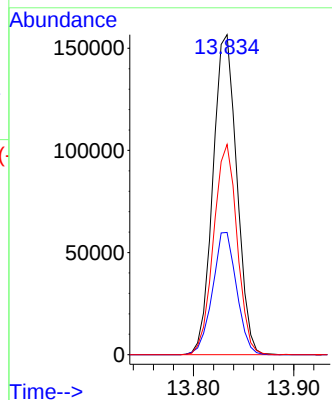
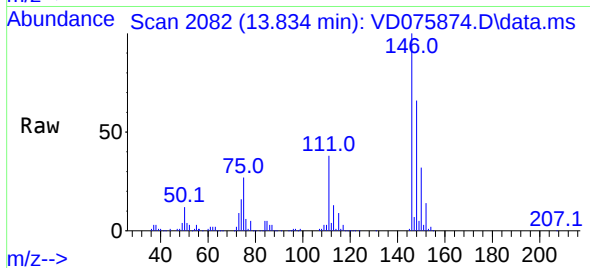
Tgt Ion:146 Resp: 259411

Ion Ratio Lower Upper

146 100

111 38.2 30.6 46.0

148 65.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.548 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075874.D

Acq: 27 Apr 2023 21:34

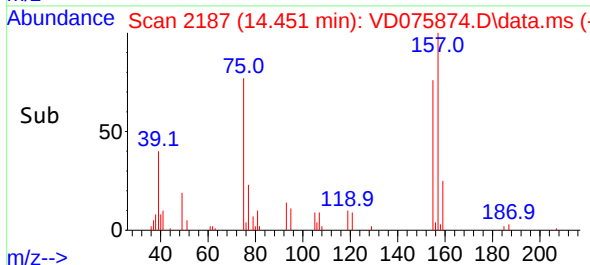
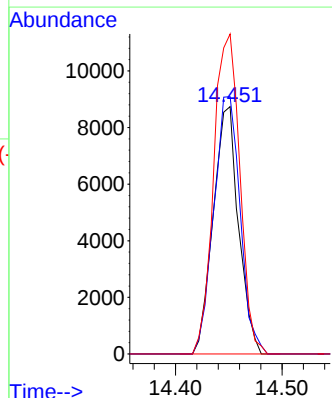
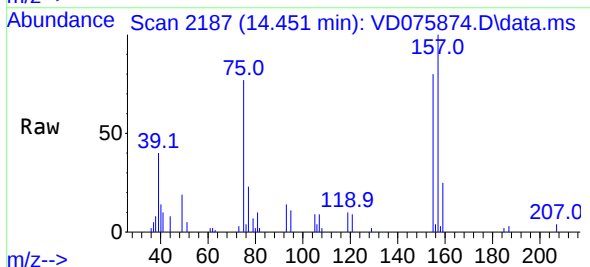
Tgt Ion: 75 Resp: 14409

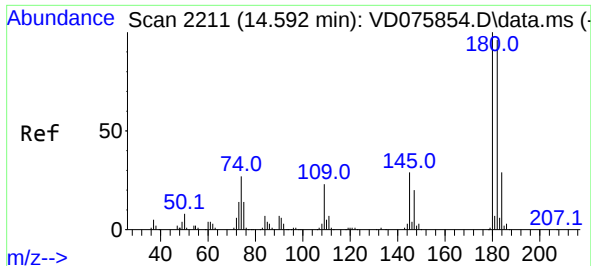
Ion Ratio Lower Upper

75 100

155 104.0 74.6 111.8

157 129.3 109.4 164.2



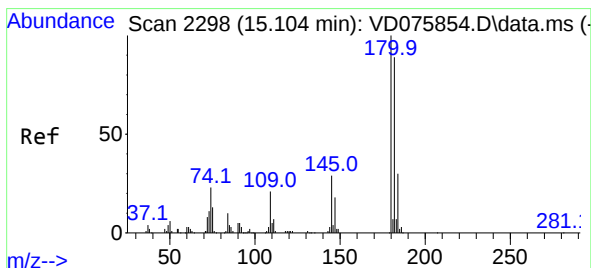
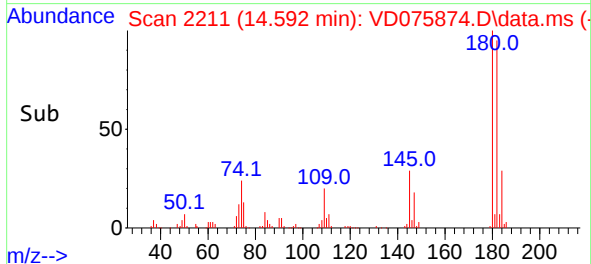
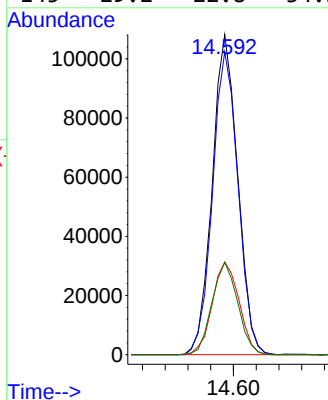
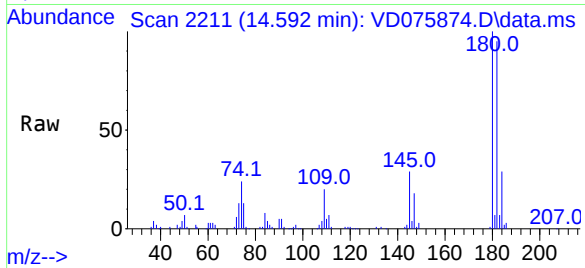


#69
1,3,5-Trichlorobenzene
Concen: 22.922 ug/L
RT: 14.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

Tgt Ion:180 Resp: 168467

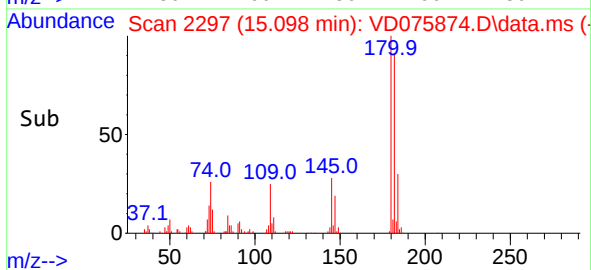
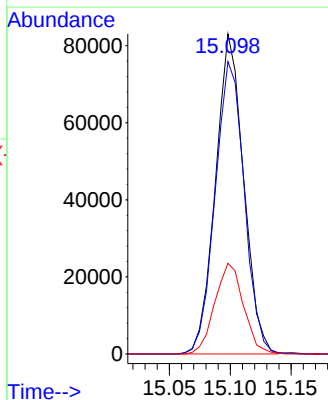
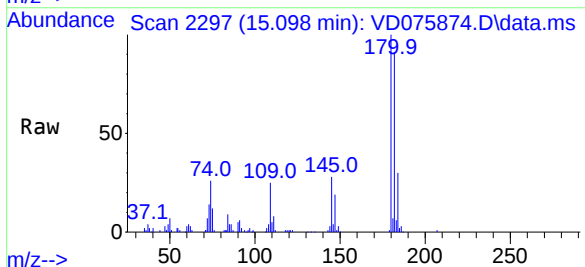
Ion	Ratio	Lower	Upper
180	100		
182	95.0	74.9	112.3
184	30.5	25.0	37.4
145	29.2	22.8	34.2

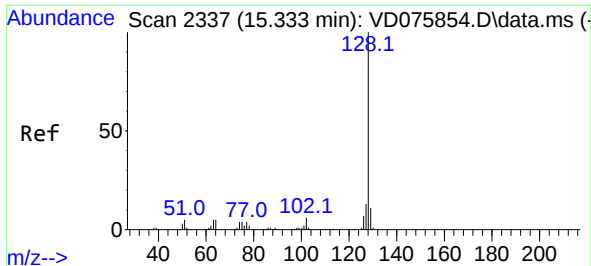


#70
1,2,4-trichlorobenzene
Concen: 21.906 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion:180 Resp: 133421

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.2
145	28.9	23.6	35.4

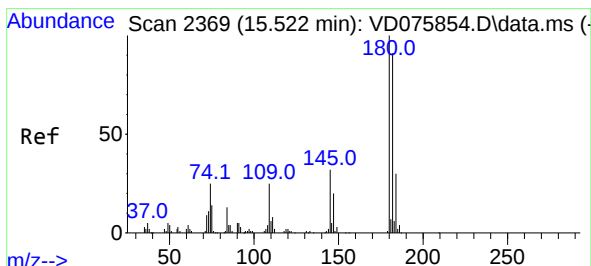
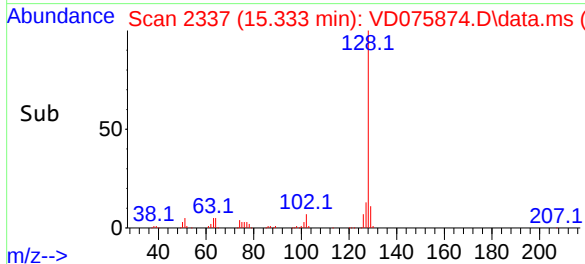
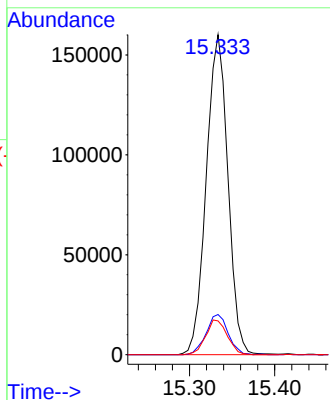
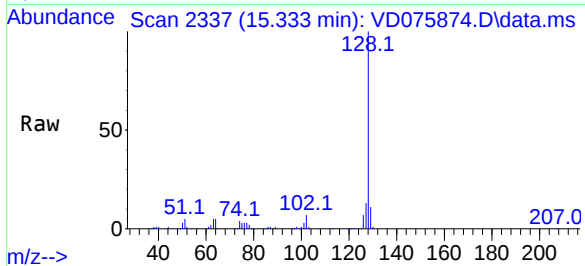




#71
Naphthalene
Concen: 25.324 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Instrument :
MSVOA_D
ClientSampleId :
VSTD025136

Tgt Ion:128 Resp: 282252
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 23.847 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075874.D
Acq: 27 Apr 2023 21:34

Tgt Ion:180 Resp: 129650
Ion Ratio Lower Upper
180 100
182 98.0 76.3 114.5
145 31.5 25.0 37.6

