

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076919.D
 Acq On : 03 Aug 2023 15:18
 Operator : KP/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 04 02:31:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	274259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	273507	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	144074	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	156156	20.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.800%
7) Chloroethane-d5	2.799	69	151066	21.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	3.910	65	37997	21.261	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.040%
21) 2-Butanone-d5	6.987	46	62744	51.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.640%
24) Chloroform-d	7.569	84	205198	22.977	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.228	65	103051	23.147	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	8.198	84	405165	23.561	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	9.210	67	125185	23.677	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	10.269	98	377882	23.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	10.522	79	55329	23.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.600%
47) 2-Hexanone-d5	10.875	63	54667	54.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.260%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126177	24.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	124581	23.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	95593	21.029	ug/L	100
3) Chloromethane	2.146	50	141658	24.020	ug/L	97
5) Vinyl chloride	2.281	62	194819	23.100	ug/L	96
6) Bromomethane	2.687	94	142306	22.605	ug/L	99
8) Chloroethane	2.828	64	136545	24.050	ug/L	97
9) Trichlorofluoromethane	3.169	101	154284	22.095	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	102507	22.529	ug/L	97
12) 1,1-Dichloroethene	3.934	96	93264	23.116	ug/L	88
13) Acetone	4.016	43	82359	66.512	ug/L	97
14) Carbon disulfide	4.263	76	332404	23.737	ug/L	99
16) Methylene chloride	4.793	84	138626	24.096	ug/L	78
17) trans-1,2-Dichloroethene	5.310	96	107950	23.630	ug/L	86
18) Methyl tert-butyl Ether	5.316	73	243964	24.173	ug/L #	92
19) 1,1-Dichloroethane	6.104	63	182393	23.912	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	121468	23.819	ug/L	89
22) 2-Butanone	7.081	43	97067	56.028	ug/L	88
23) Bromochloromethane	7.428	128	59232	23.947	ug/L #	80
25) Chloroform	7.598	83	200315	23.978	ug/L	97
27) 1,2-Dichloroethane	8.322	62	124947	23.864	ug/L	97

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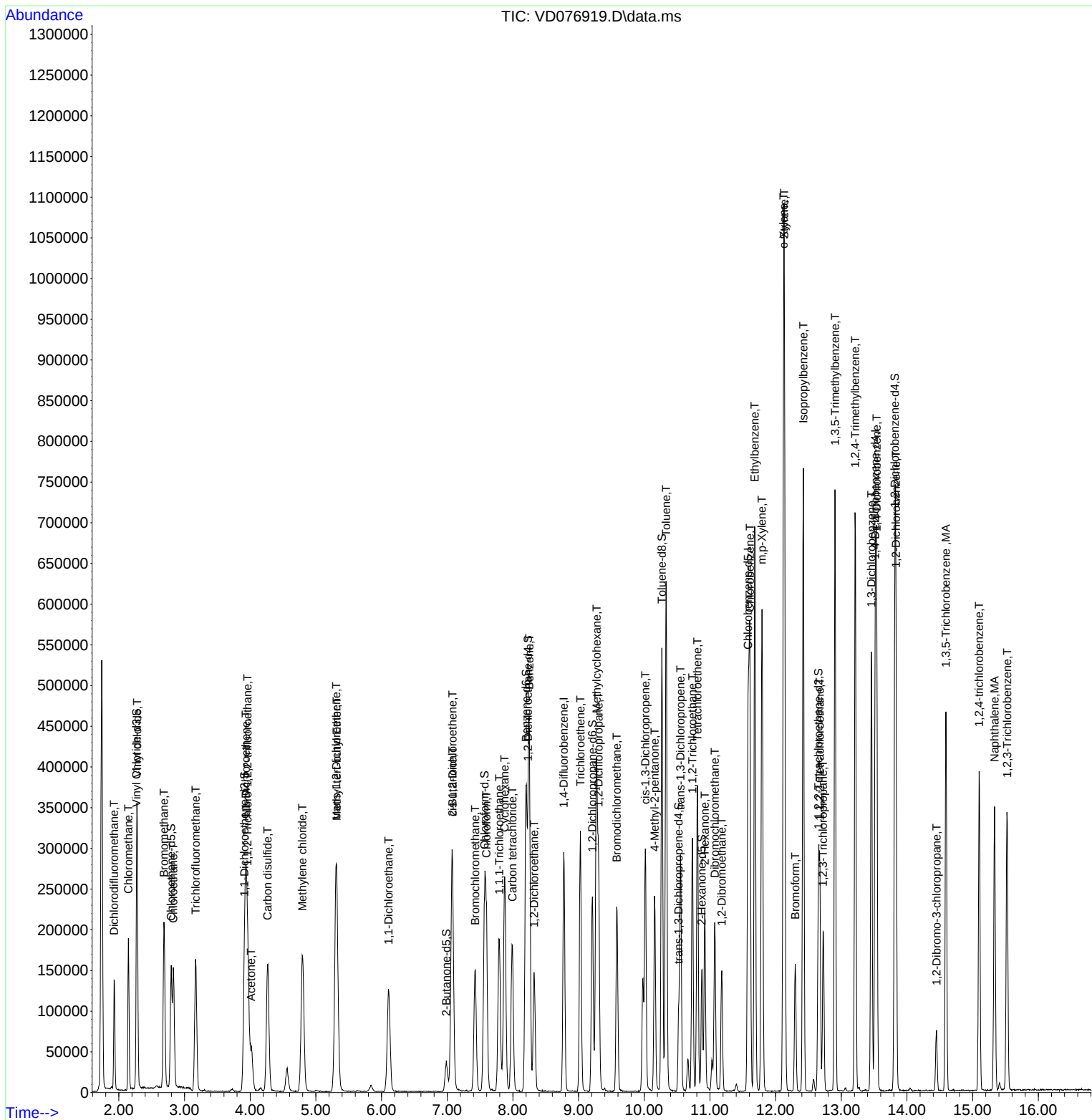
Instrument :
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 ClientSampleId :

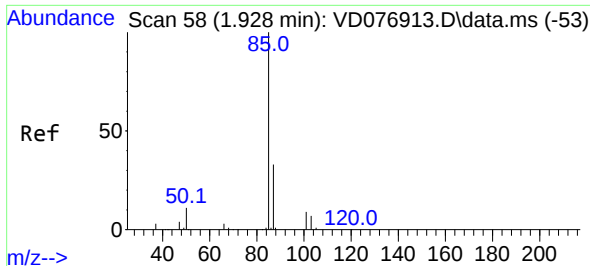
Quant Time: Aug 04 02:31:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 02:21:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.875	56	141311	23.471	ug/L #	81
30) 1,1,1-Trichloroethane	7.792	97	161270	23.797	ug/L	97
31) Carbon tetrachloride	7.992	117	134057	24.170	ug/L	99
33) Benzene	8.251	78	439718	24.527	ug/L	100
34) Trichloroethene	9.028	95	109551	23.465	ug/L	96
35) Methylcyclohexane	9.275	83	181382	23.823	ug/L	91
37) 1,2-Dichloropropane	9.304	63	112253	24.648	ug/L #	96
38) Bromodichloromethane	9.581	83	155696	24.826	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	185690	25.264	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	150718	52.525	ug/L #	90
42) Toluene	10.334	91	488869	25.077	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	161875	25.200	ug/L	98
45) 1,1,2-Trichloroethane	10.733	97	101132	24.986	ug/L	98
46) Tetrachloroethene	10.810	164	83022	23.594	ug/L	97
48) 2-Hexanone	10.922	43	133162	60.345	ug/L #	92
49) Dibromochloromethane	11.075	129	110284	24.492	ug/L	100
50) 1,2-Dibromoethane	11.181	107	100786	25.532	ug/L	86
51) Chlorobenzene	11.610	112	305729	24.071	ug/L	97
52) Ethylbenzene	11.681	91	517658	24.919	ug/L	97
53) m,p-Xylene	11.792	106	197934	24.694	ug/L	99
54) o-Xylene	12.122	106	193387	25.085	ug/L	98
55) Styrene	12.133	104	353518	25.363	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	124652	24.900	ug/L	99
59) Bromoform	12.298	173	69237	24.232	ug/L #	99
60) Isopropylbenzene	12.422	105	501678	24.212	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	81732	24.306	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	389788	24.694	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	391386	24.915	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	224664	23.758	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	231479	23.681	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	210344	23.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	17451	22.650	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	140796	23.792	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	121853	23.408	ug/L	98
71) Naphthalene	15.333	128	298103	24.355	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	114689	24.294	ug/L	99

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

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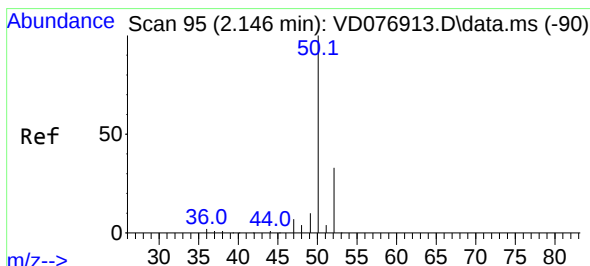
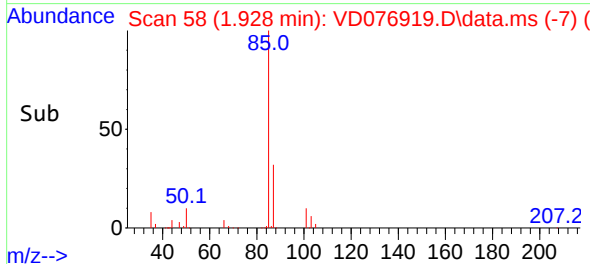
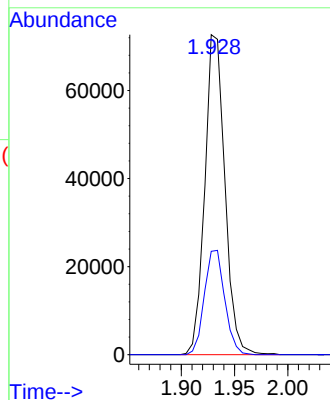
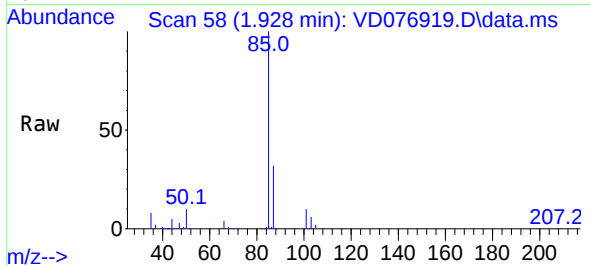




#2
 Dichlorodifluoromethane
 Concen: 21.029 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

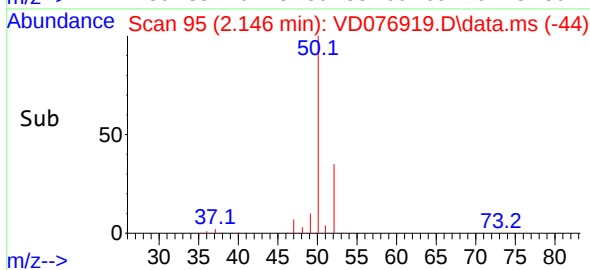
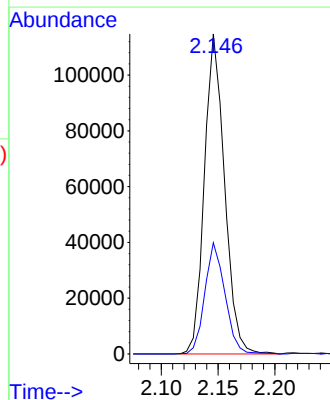
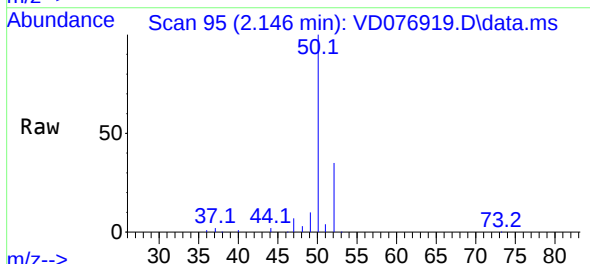
Instrument :
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 ClientSampleId :

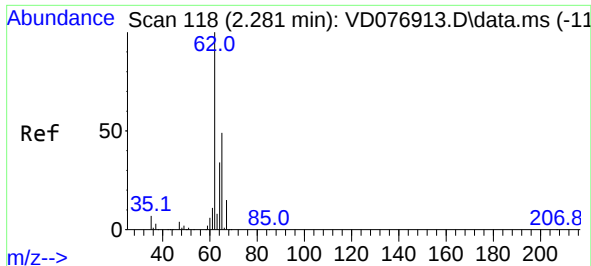
Tgt Ion: 85 Resp: 95593
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.3 39.5



#3
 Chloromethane
 Concen: 24.020 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

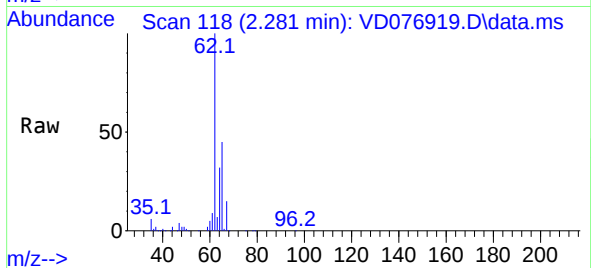
Tgt Ion: 50 Resp: 141658
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.2



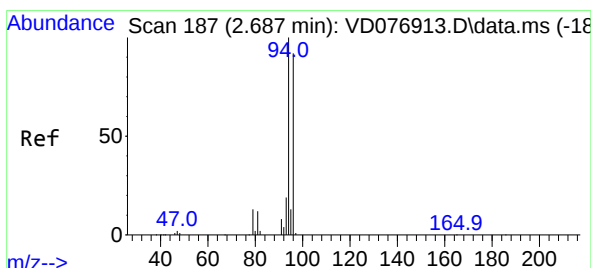
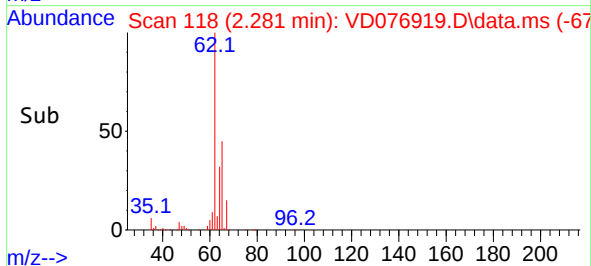
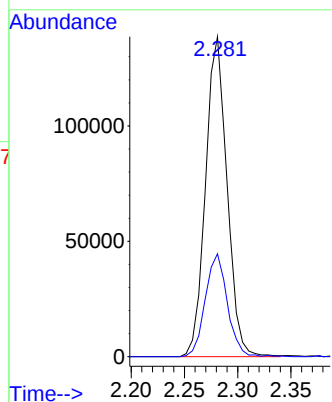


#5
 Vinyl chloride
 Concen: 23.100 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Instrument :
 MSVOA_D
 ClientSampleId :

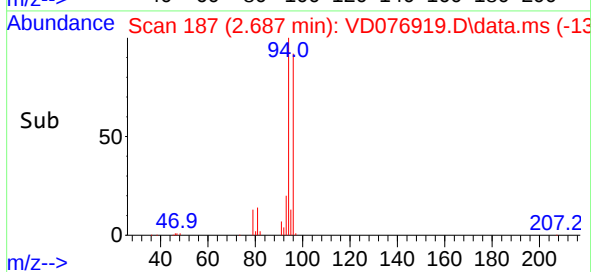
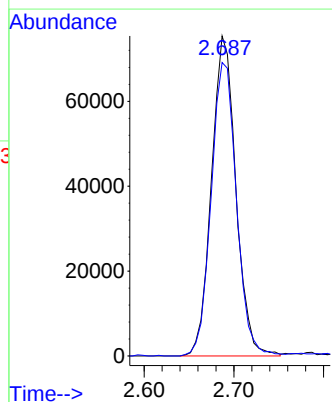
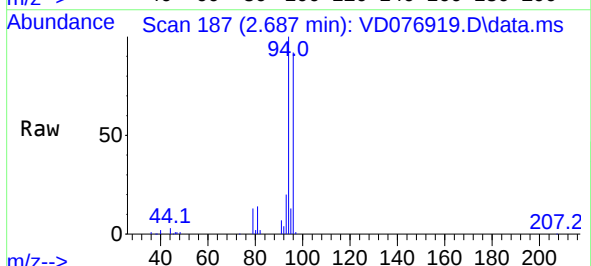


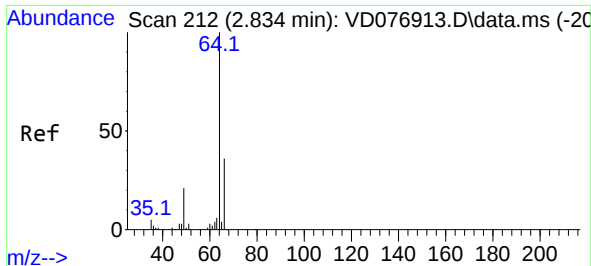
Tgt Ion: 62 Resp: 194819
 Ion Ratio Lower Upper
 62 100
 64 32.1 21.1 39.1



#6
 Bromomethane
 Concen: 22.605 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Tgt Ion: 94 Resp: 142306
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.7 120.1

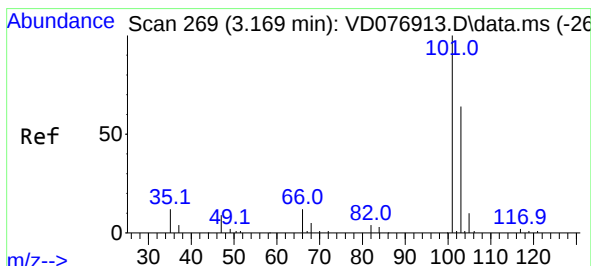
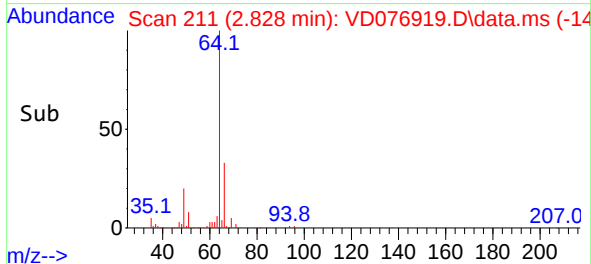
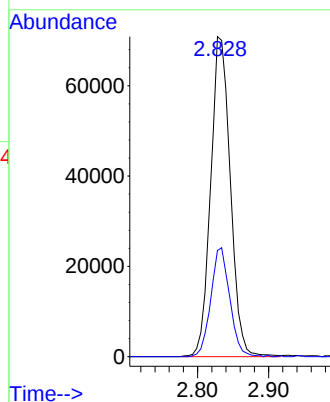
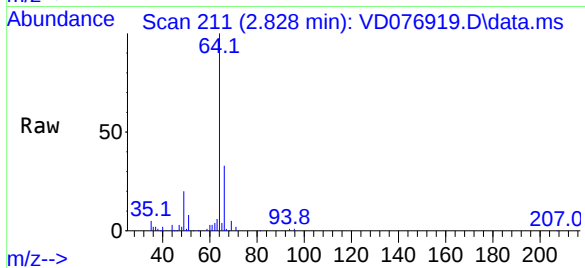




#8
Chloroethane
Concen: 24.050 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

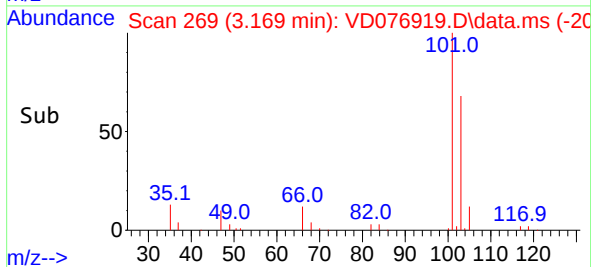
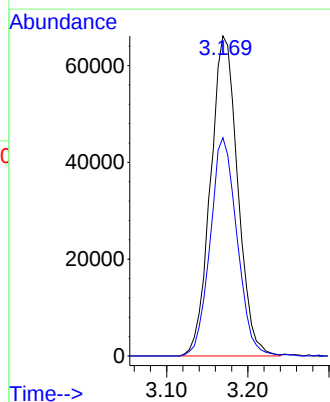
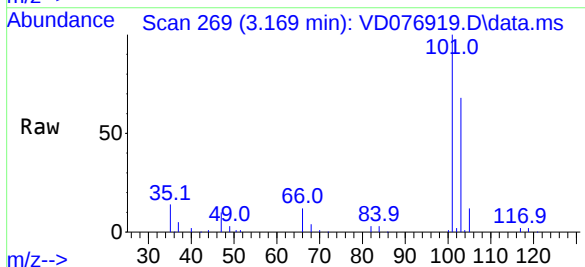
Instrument :
MSVOA_D
ClientSampleId :

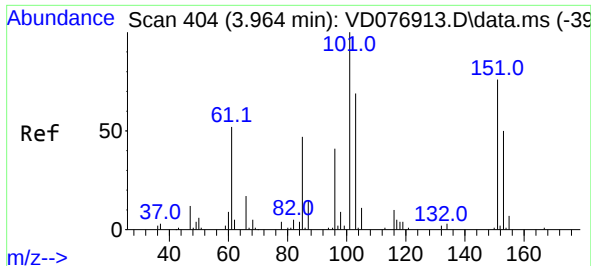
Tgt Ion: 64 Resp: 136545
Ion Ratio Lower Upper
64 100
66 33.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 22.095 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion:101 Resp: 154284
Ion Ratio Lower Upper
101 100
103 67.0 51.8 77.6

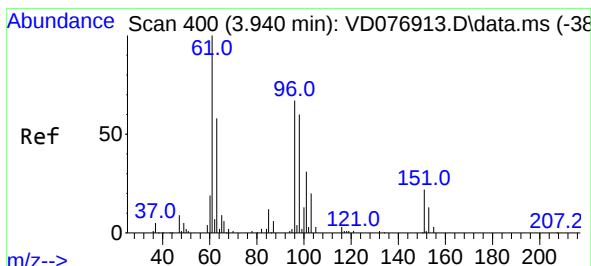
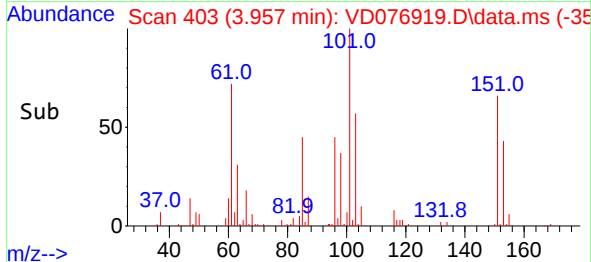
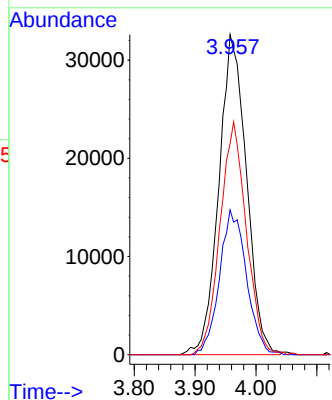
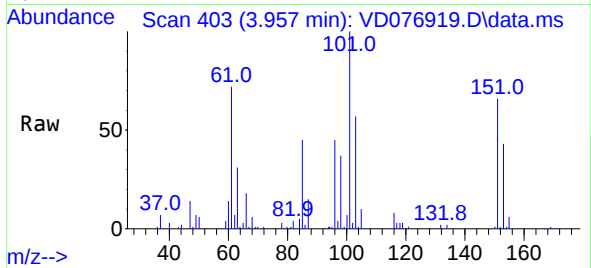




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.529 ug/L
RT: 3.957 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

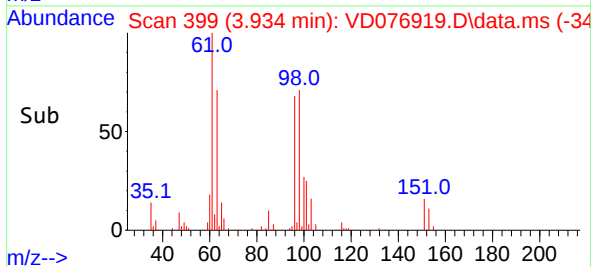
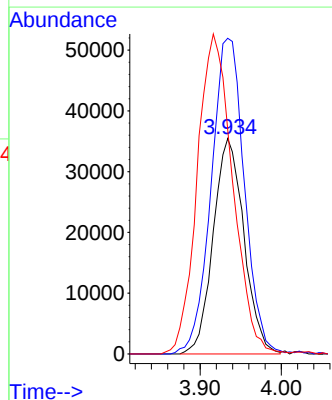
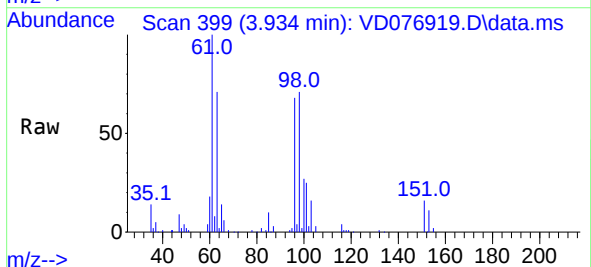
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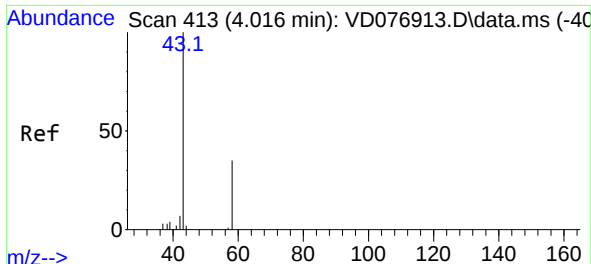
Tgt Ion:101 Resp: 102507
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 69.3 58.6 87.8



#12
1,1-Dichloroethene
Concen: 23.116 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

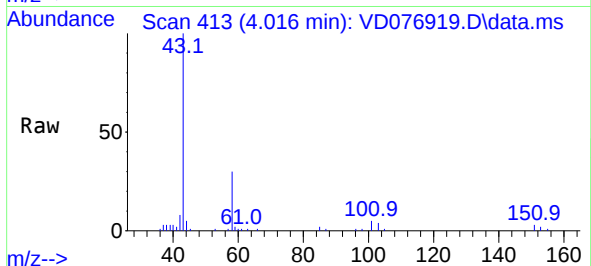
Tgt Ion: 96 Resp: 93264
Ion Ratio Lower Upper
96 100
61 146.5 113.0 209.8
63 104.1 83.6 155.2



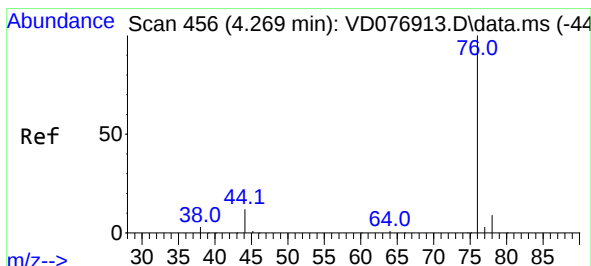
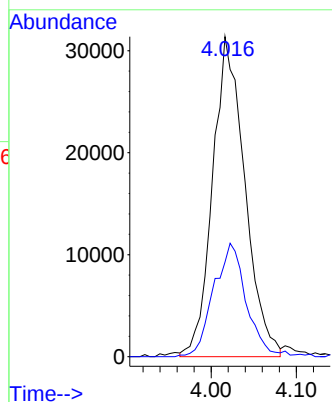
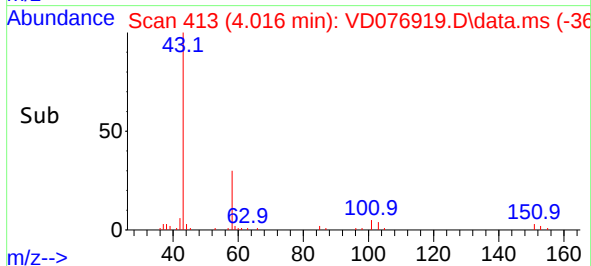


#13
Acetone
Concen: 66.512 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

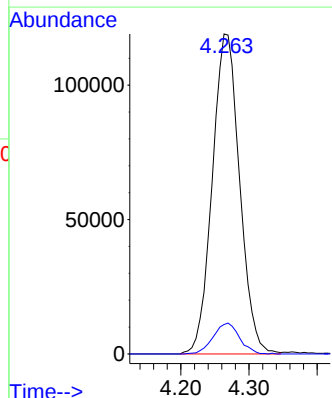
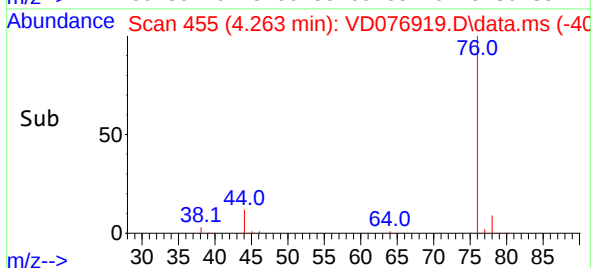
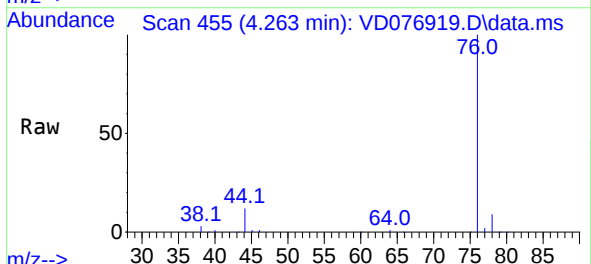


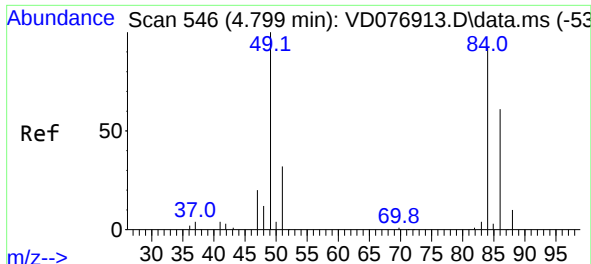
Tgt Ion: 43 Resp: 82359
Ion Ratio Lower Upper
43 100
58 35.6 0.0 67.4



#14
Carbon disulfide
Concen: 23.737 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076919.D
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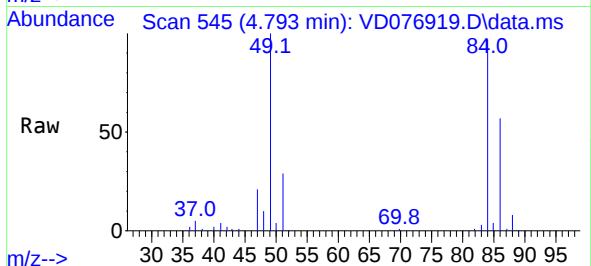
Tgt Ion: 76 Resp: 332404
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



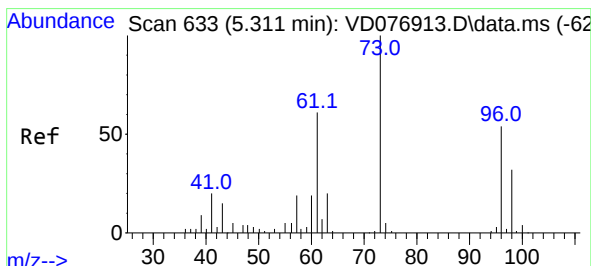
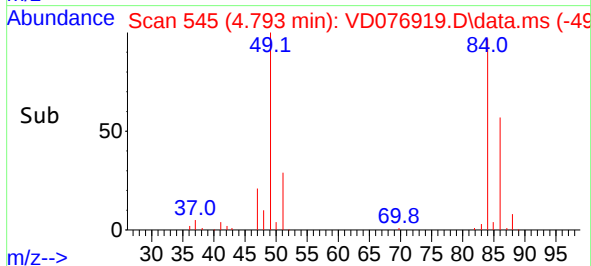
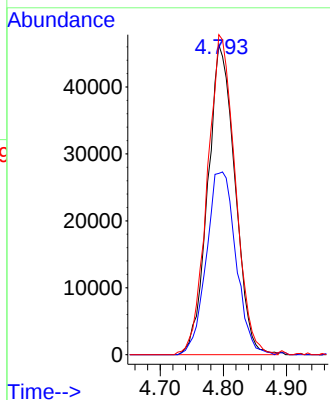


#16
Methylene chloride
Concen: 24.096 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

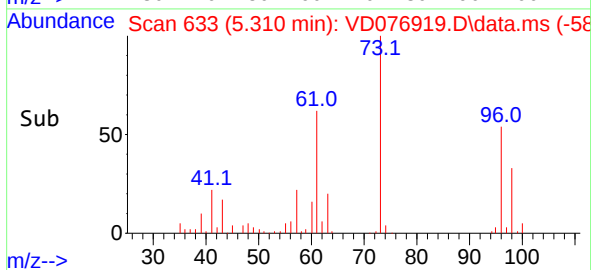
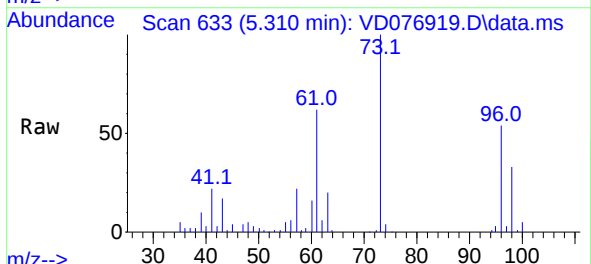
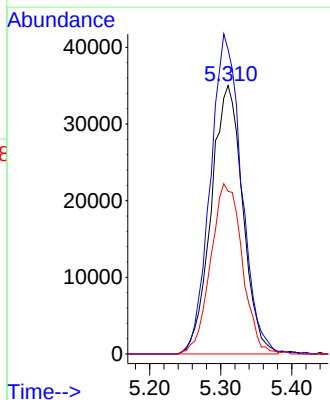


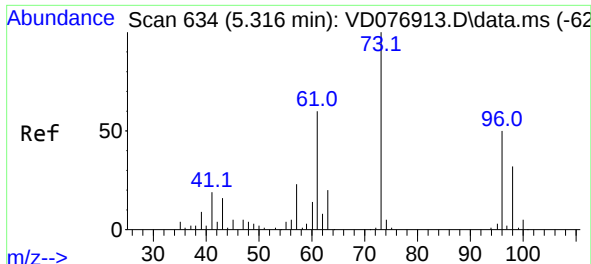
Tgt Ion: 84 Resp: 138626
Ion Ratio Lower Upper
84 100
86 58.5 45.1 83.9
49 103.3 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 23.630 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

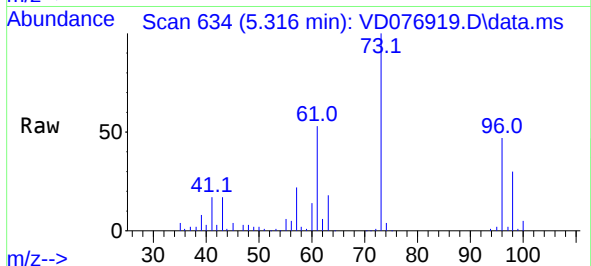
Tgt Ion: 96 Resp: 107950
Ion Ratio Lower Upper
96 100
61 113.3 94.5 175.5
98 60.6 46.0 85.4



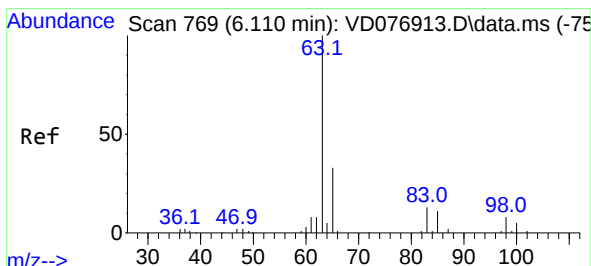
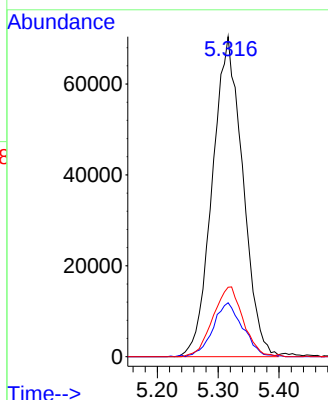
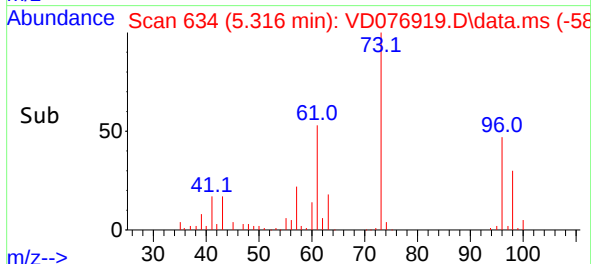


#18
Methyl tert-butyl Ether
Concen: 24.173 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

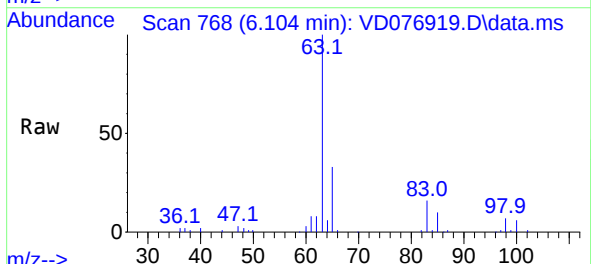
Instrument :
MSVOA_D
ClientSampleId :



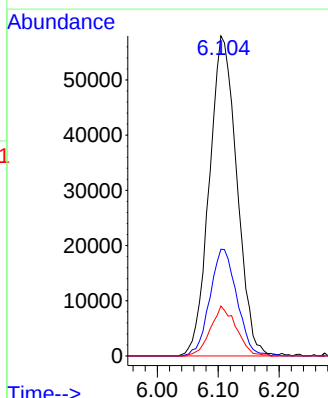
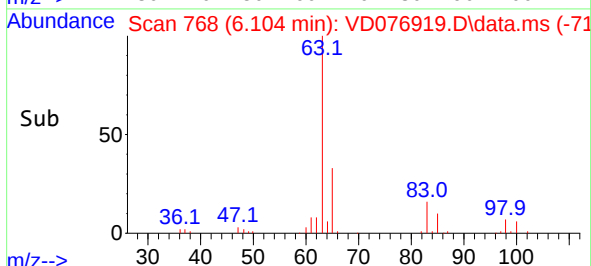
Tgt Ion: 73 Resp: 243964
Ion Ratio Lower Upper
73 100
43 16.5 7.2 10.8#
57 21.7 18.6 28.0

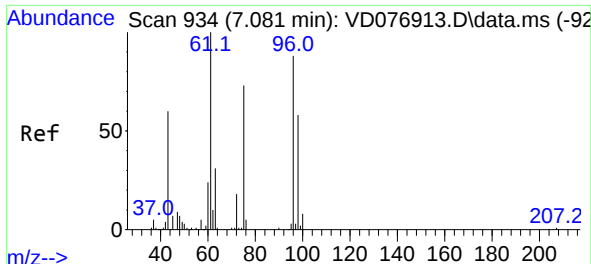


#19
1,1-Dichloroethane
Concen: 23.912 ug/L
RT: 6.104 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18



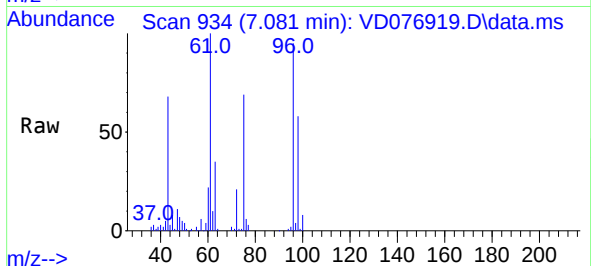
Tgt Ion: 63 Resp: 182393
Ion Ratio Lower Upper
63 100
65 33.4 20.8 38.6
83 15.6 8.9 16.5



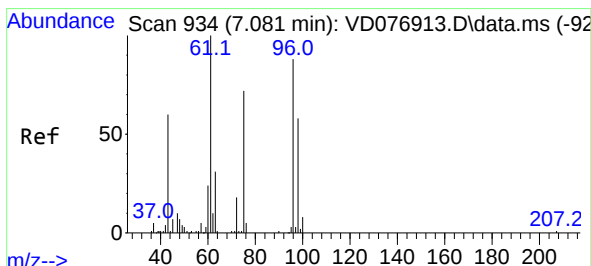
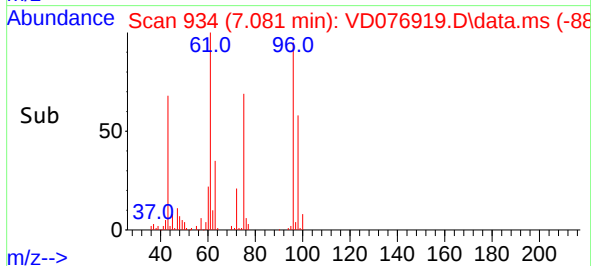
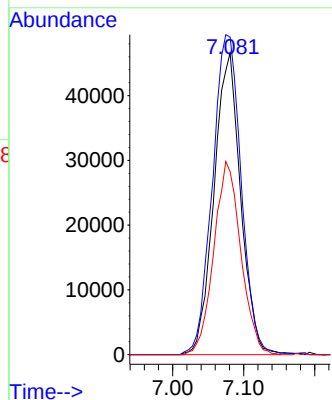


#20
cis-1,2-Dichloroethene
Concen: 23.819 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

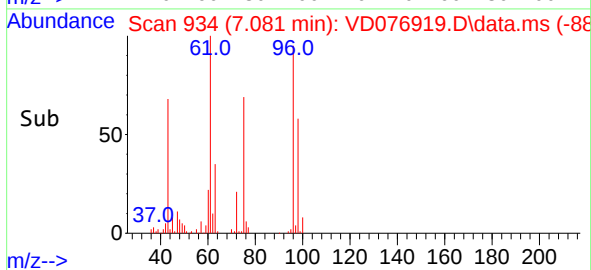
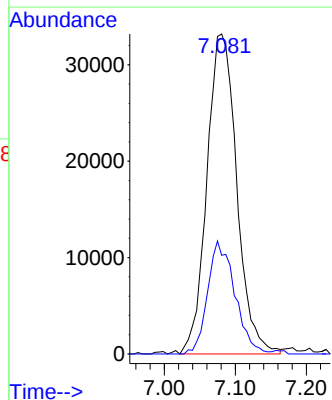
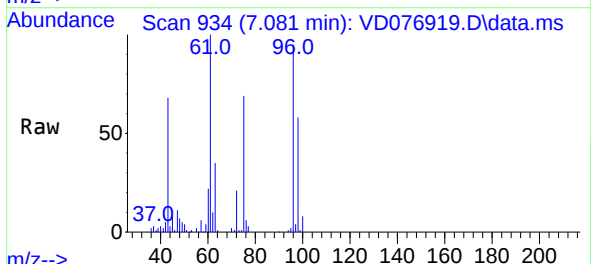


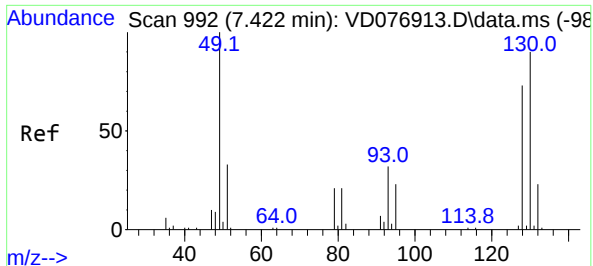
Tgt Ion: 96 Resp: 121468
Ion Ratio Lower Upper
96 100
61 105.2 86.0 159.6
98 60.6 42.2 78.4



#22
2-Butanone
Concen: 56.028 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

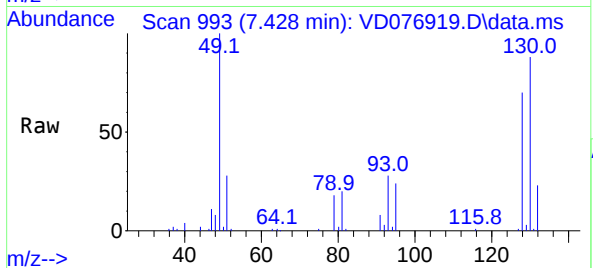
Tgt Ion: 43 Resp: 97067
Ion Ratio Lower Upper
43 100
72 32.1 12.9 38.7



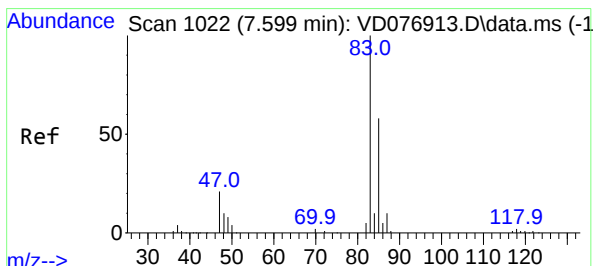
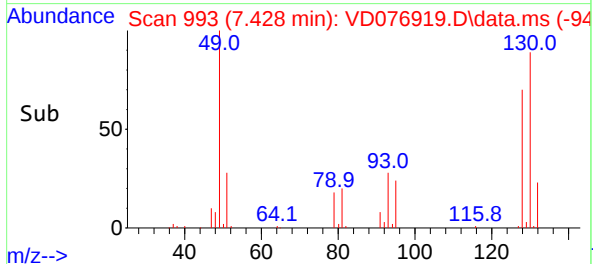
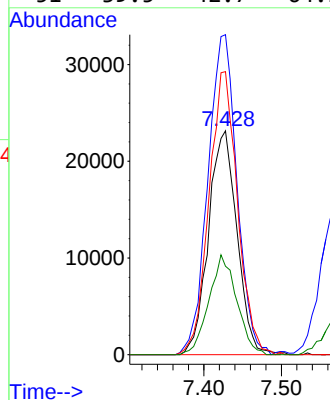


#23
Bromochloromethane
Concen: 23.947 ug/L
RT: 7.428 min Scan# 992
Delta R.T. 0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

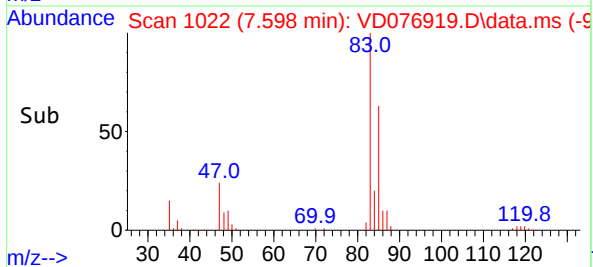
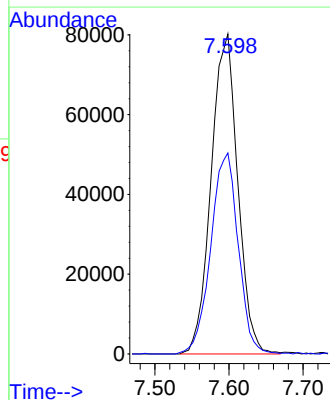
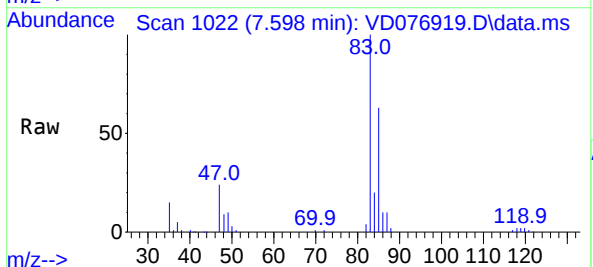


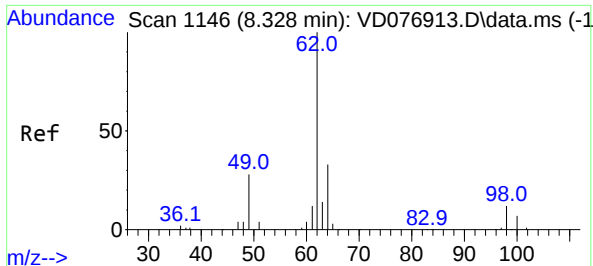
Tgt Ion:128 Resp: 59232
Ion Ratio Lower Upper
128 100
49 143.0 124.7 231.7
130 126.4 80.0 148.6
51 39.5 42.7 64.1#



#25
Chloroform
Concen: 23.978 ug/L
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 83 Resp: 200315
Ion Ratio Lower Upper
83 100
85 62.8 45.4 84.4

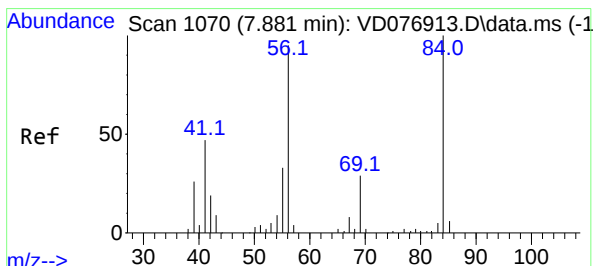
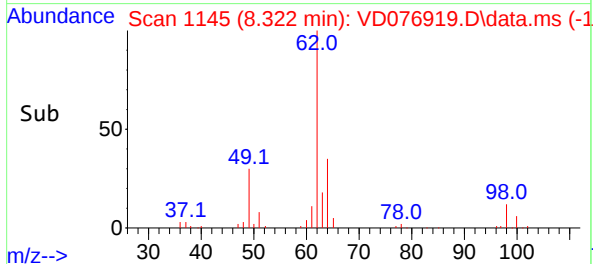
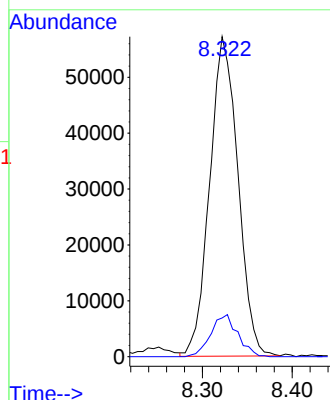
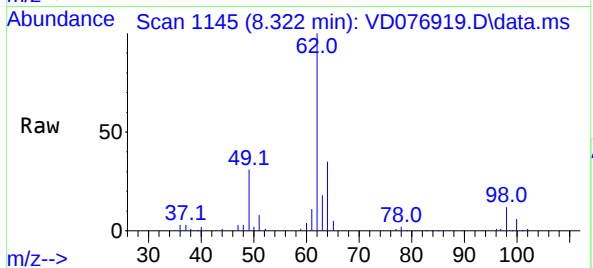




#27
1,2-Dichloroethane
Concen: 23.864 ug/L
RT: 8.322 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

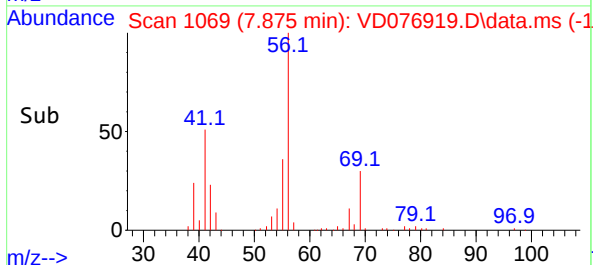
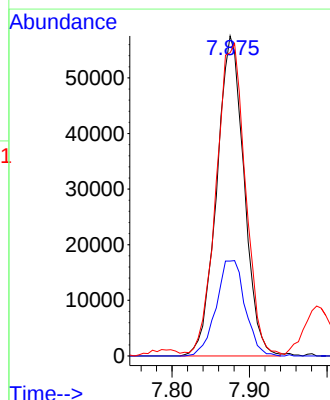
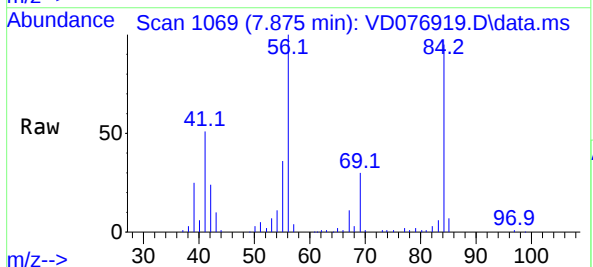
Instrument :
MSVOA_D
ClientSampleId :

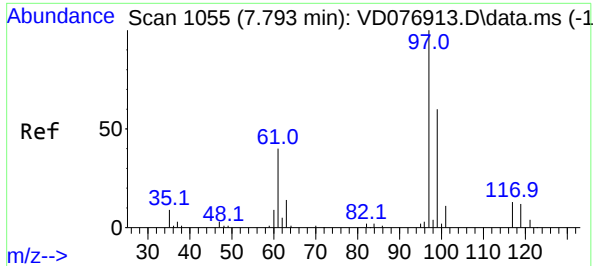
Tgt Ion: 62 Resp: 124947
Ion Ratio Lower Upper
62 100
98 12.1 8.7 13.1



#29
Cyclohexane
Concen: 23.471 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 56 Resp: 141311
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.0
84 104.4 66.3 99.5#



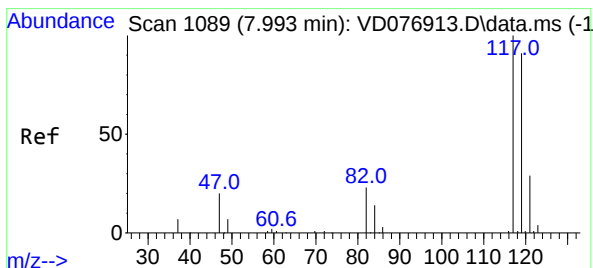
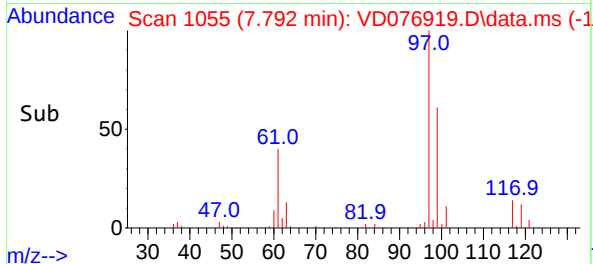
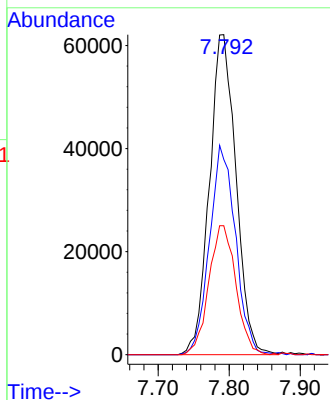
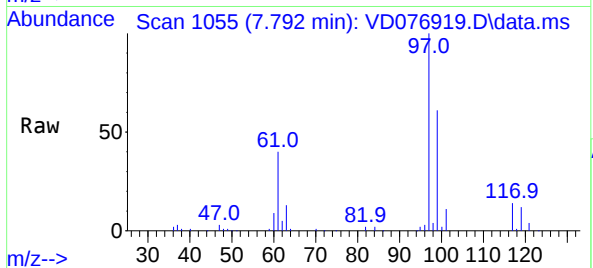


#30
 1,1,1-Trichloroethane
 Concen: 23.797 ug/L
 RT: 7.792 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 97 Resp: 161270

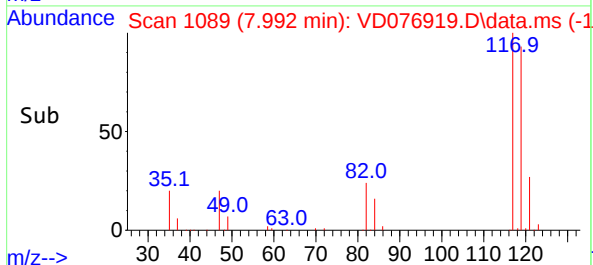
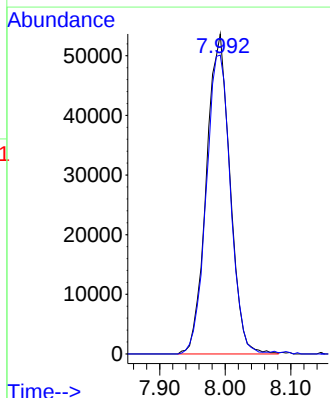
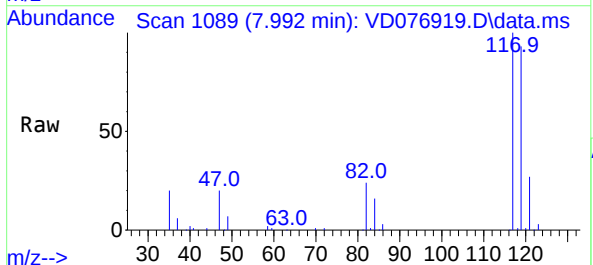
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	41.0	36.4	54.6

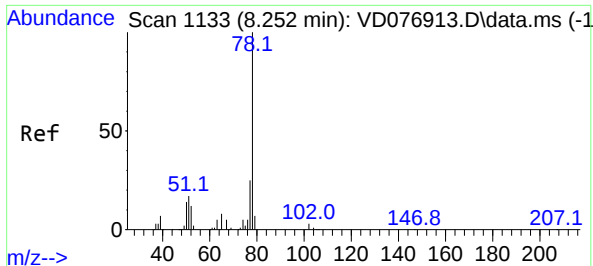


#31
 Carbon tetrachloride
 Concen: 24.170 ug/L
 RT: 7.992 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Tgt Ion: 117 Resp: 134057

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.6

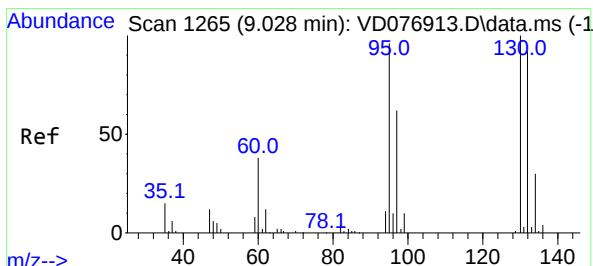
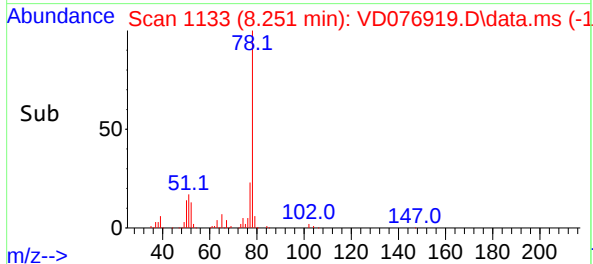
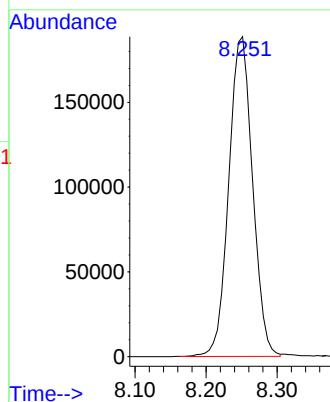
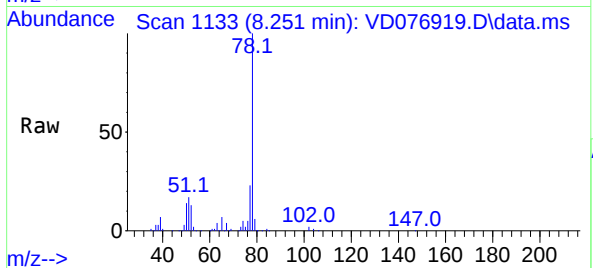




#33
Benzene
Concen: 24.527 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

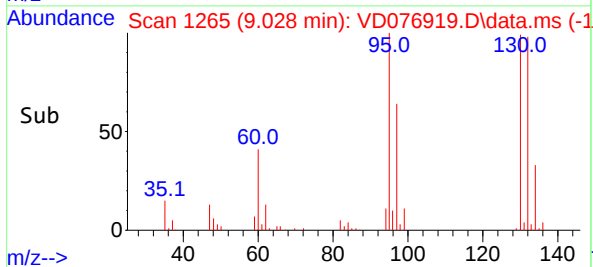
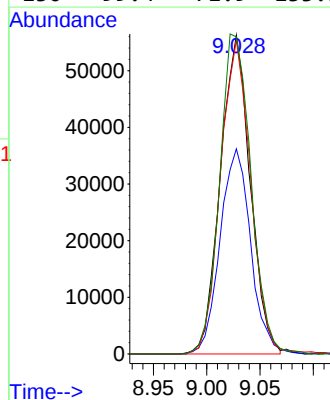
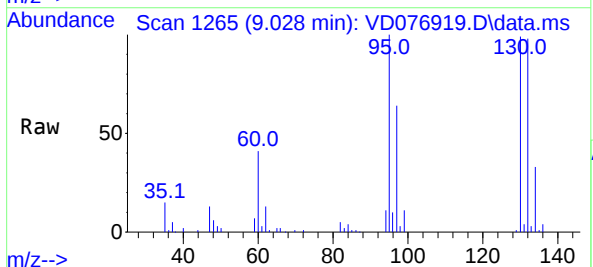
Tgt Ion: 78 Resp: 439718

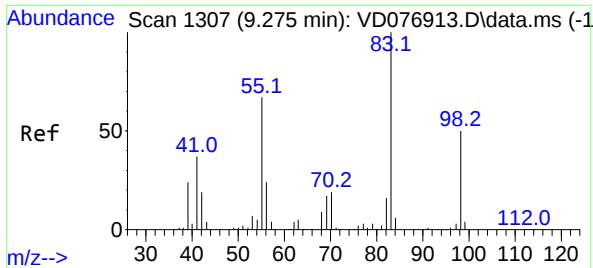


#34
Trichloroethene
Concen: 23.465 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 95 Resp: 109551

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.1	80.1
132	98.4	71.8	133.4
130	99.4	71.9	133.5

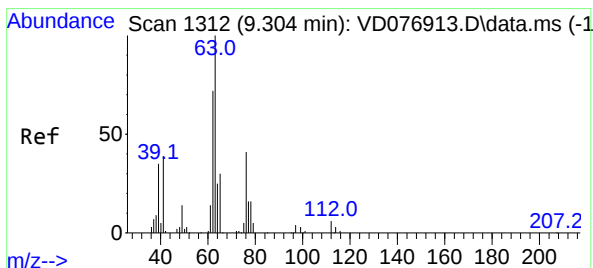
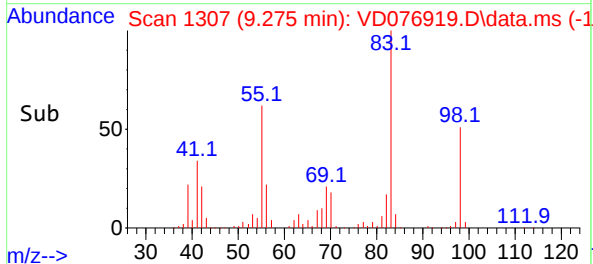
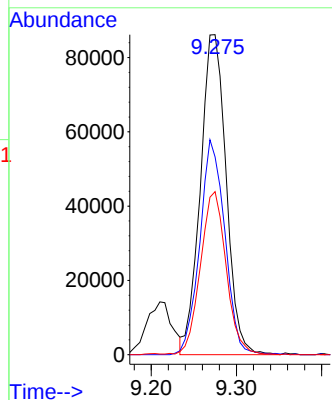
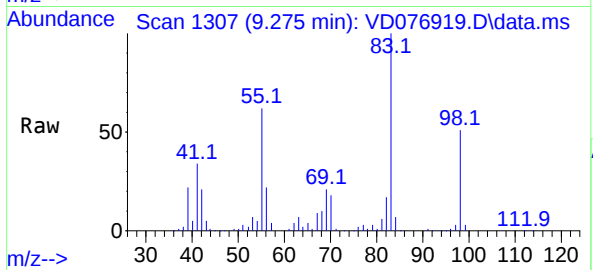




#35
Methylcyclohexane
Concen: 23.823 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

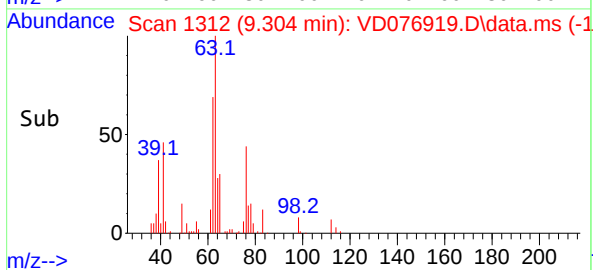
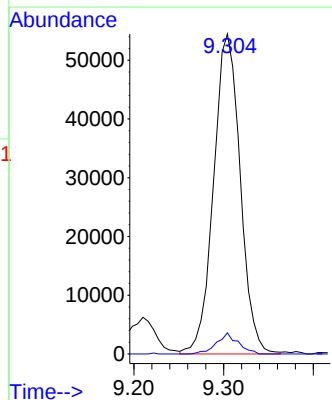
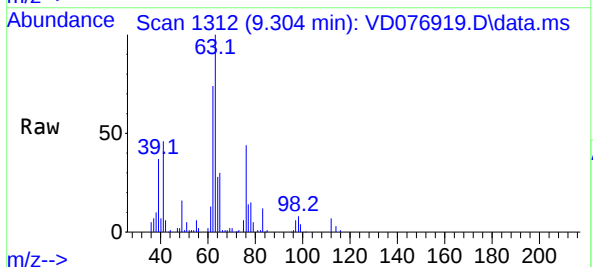
Instrument :
MSVOA_D
ClientSampleId :

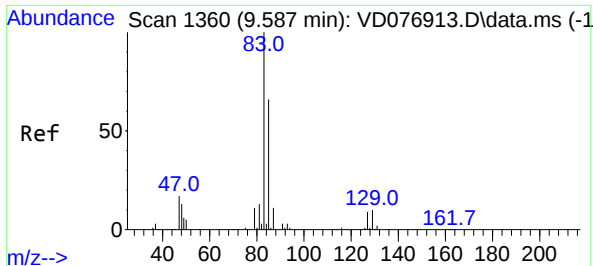
Tgt Ion: 83 Resp: 181382
Ion Ratio Lower Upper
83 100
55 65.3 59.8 89.6
98 50.8 37.8 56.6



#37
1,2-Dichloropropane
Concen: 24.648 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 63 Resp: 112253
Ion Ratio Lower Upper
63 100
112 5.3 3.1 4.7#

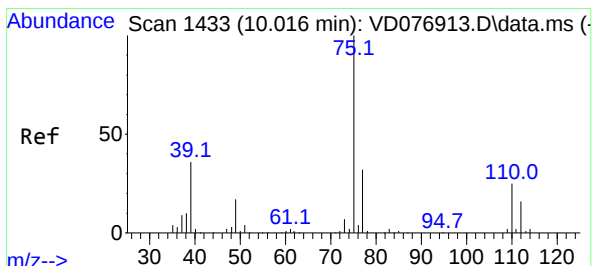
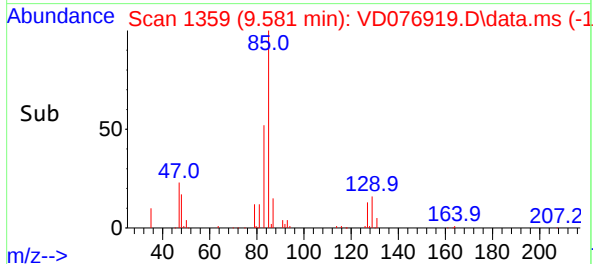
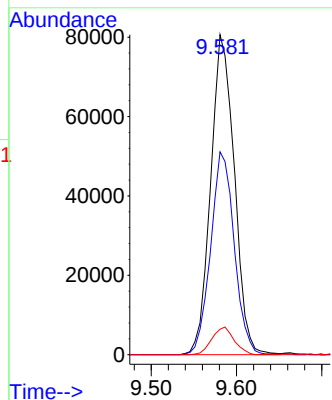
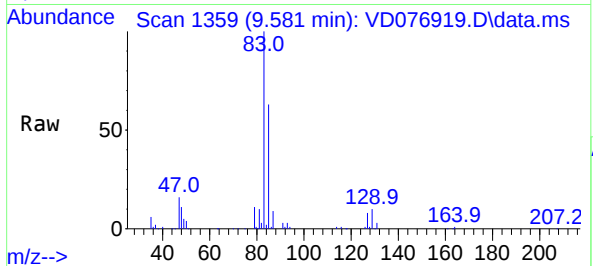




#38
Bromodichloromethane
Concen: 24.826 ug/L
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

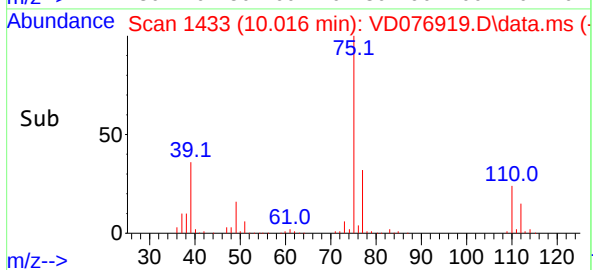
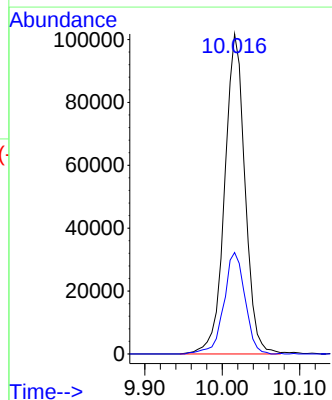
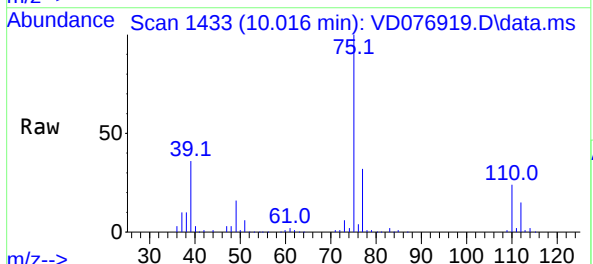
Instrument :
MSVOA_D
ClientSampleId :

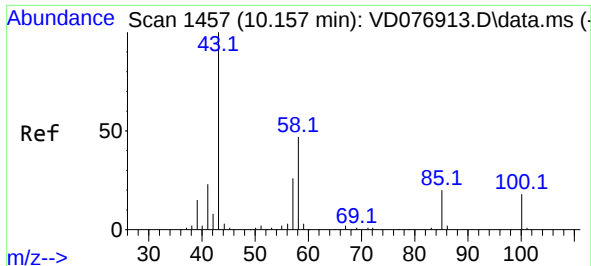
Tgt Ion: 83 Resp: 155696
Ion Ratio Lower Upper
83 100
85 63.4 43.9 81.5
127 7.9 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 25.264 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 75 Resp: 185690
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.3

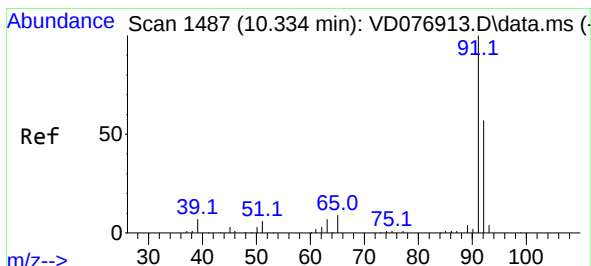
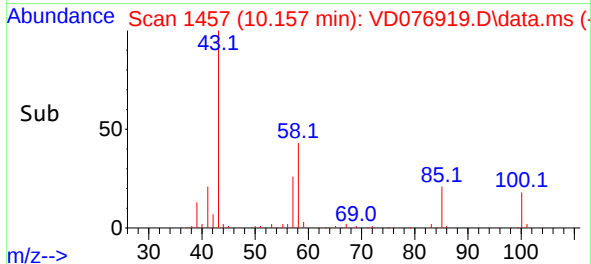
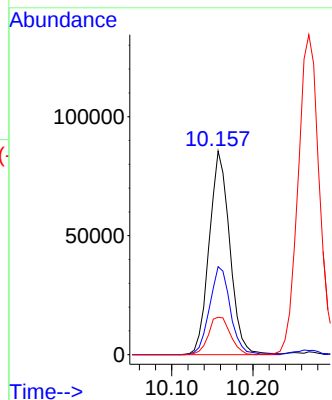
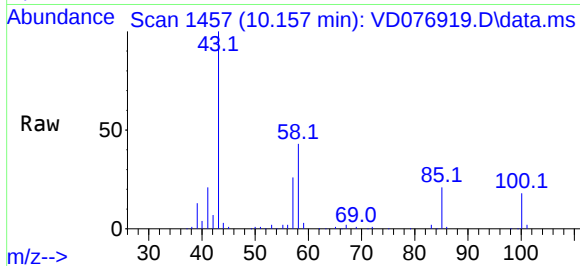




#40
4-Methyl-2-pentanone
Concen: 52.525 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

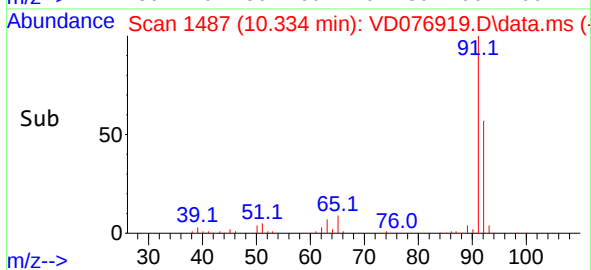
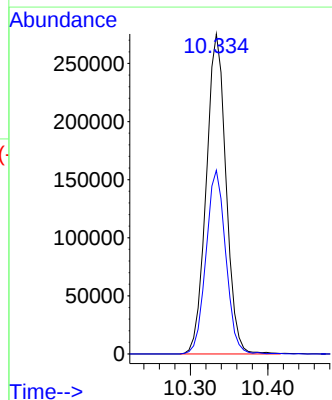
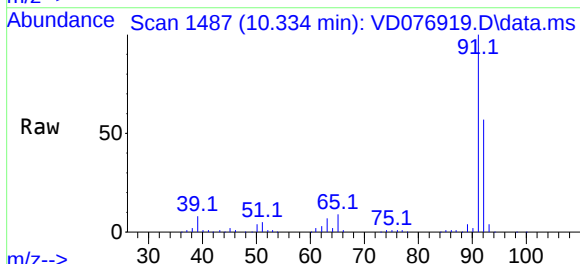
Instrument :
MSVOA_D
ClientSampleId :

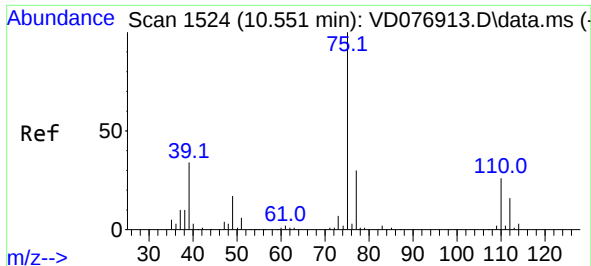
Tgt Ion: 43 Resp: 150718
Ion Ratio Lower Upper
43 100
58 43.4 30.7 46.1
100 19.6 11.0 16.4#



#42
Toluene
Concen: 25.077 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 91 Resp: 488869
Ion Ratio Lower Upper
91 100
92 57.4 39.3 73.1

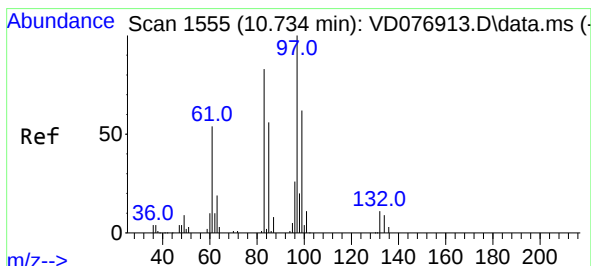
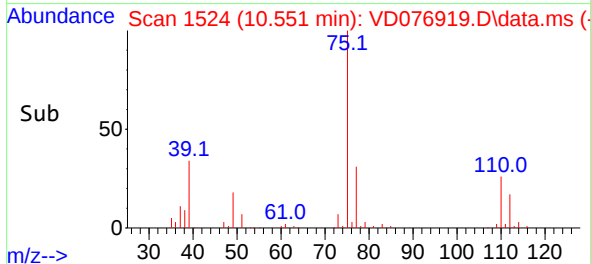
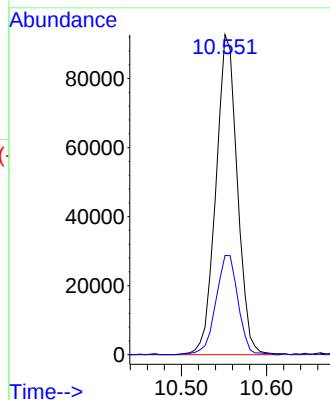
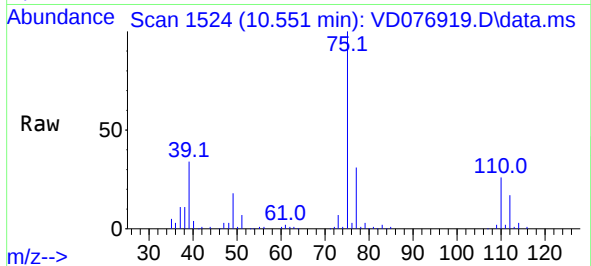




#44
trans-1,3-Dichloropropene
Concen: 25.200 ug/L
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

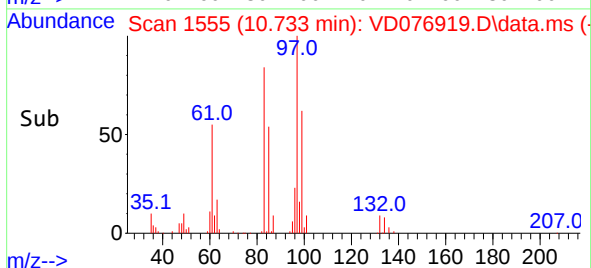
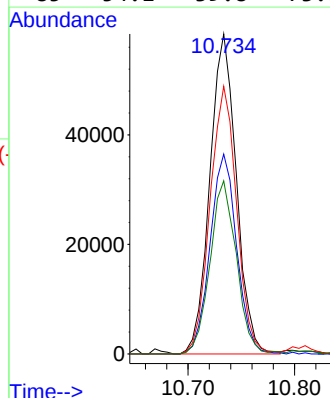
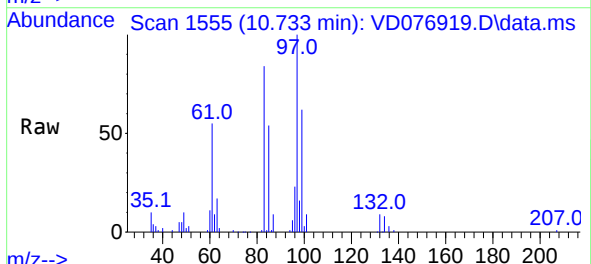
Instrument :
MSVOA_D
ClientSampleId :

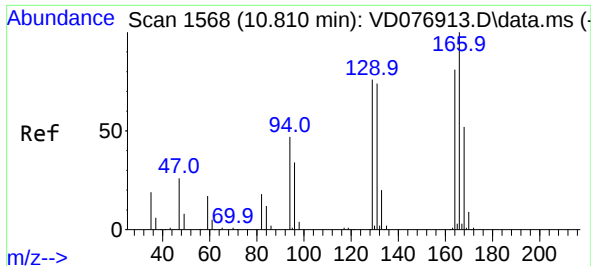
Tgt Ion: 75 Resp: 161875
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 24.986 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

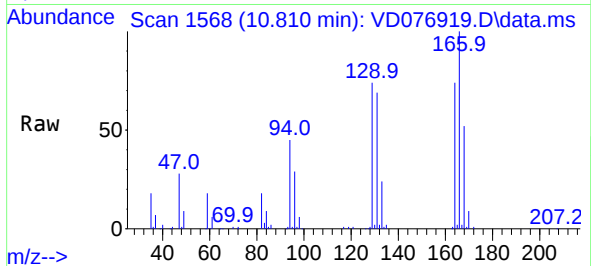
Tgt Ion: 97 Resp: 101132
Ion Ratio Lower Upper
97 100
99 62.4 41.9 77.9
83 83.7 59.2 110.0
85 54.1 39.8 73.8



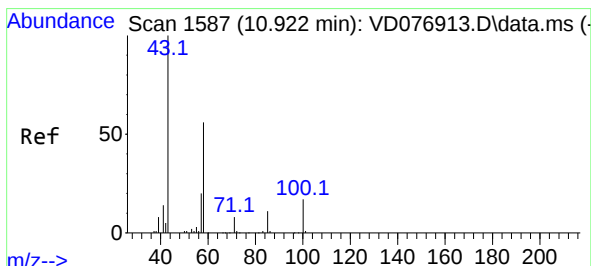
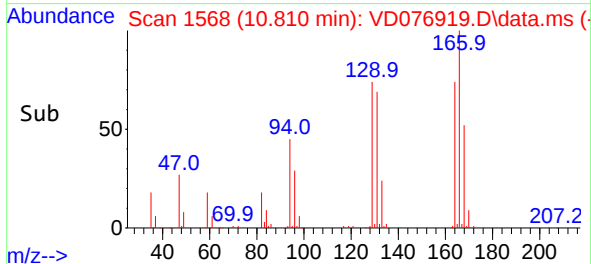
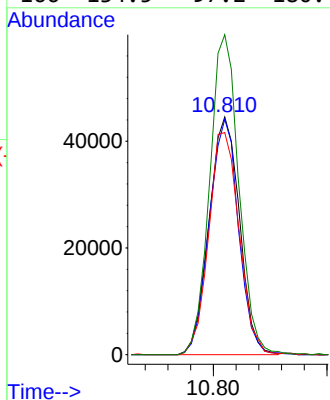


#46
Tetrachloroethene
Concen: 23.594 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

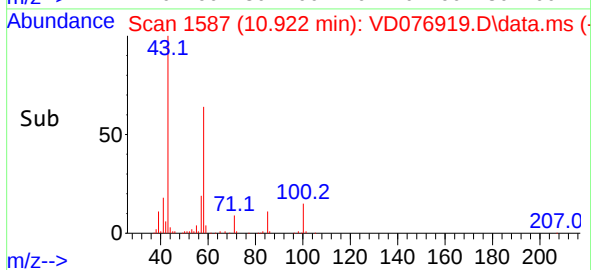
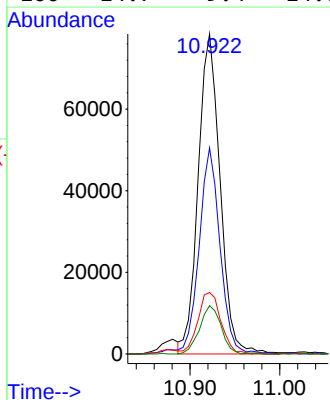
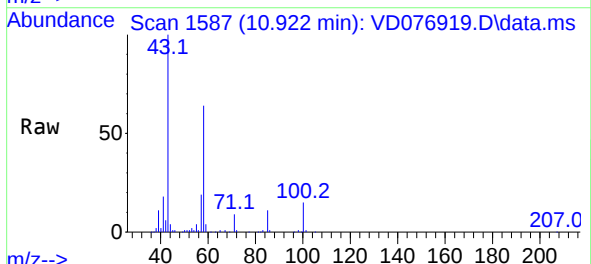


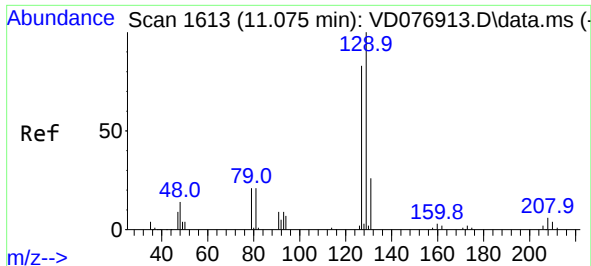
Tgt Ion:164 Resp: 83022
Ion Ratio Lower Upper
164 100
129 99.0 65.5 121.6
131 93.4 64.8 120.3
166 134.5 97.2 180.4



#48
2-Hexanone
Concen: 60.345 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

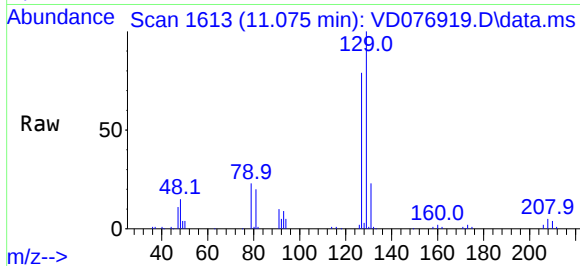
Tgt Ion: 43 Resp: 133162
Ion Ratio Lower Upper
43 100
58 59.7 42.9 64.3
57 20.1 13.7 20.5
100 14.7 9.4 14.0#



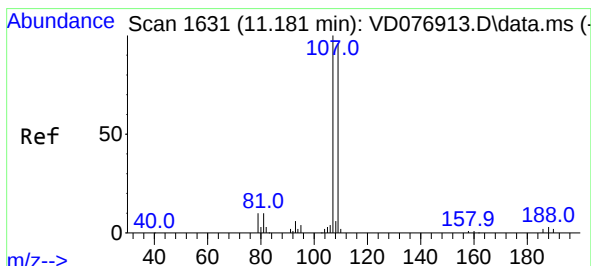
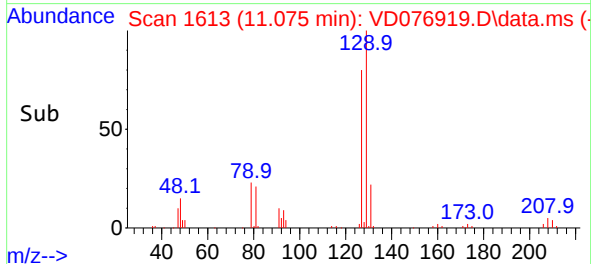
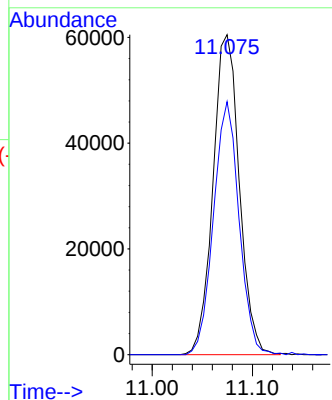


#49
Dibromochloromethane
Concen: 24.492 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

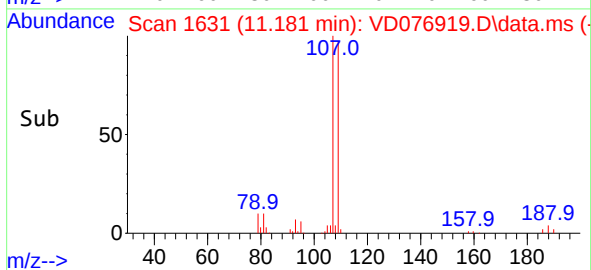
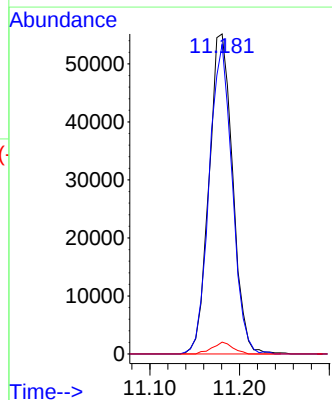
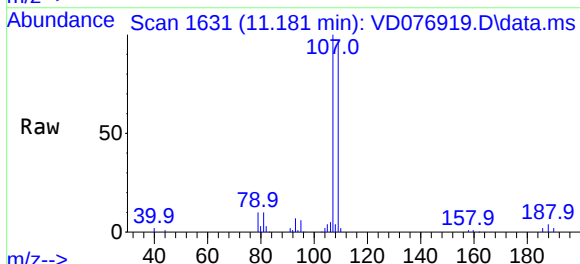


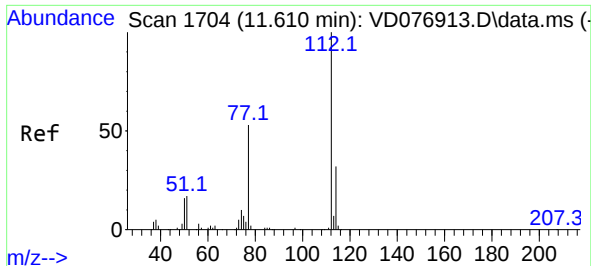
Tgt Ion:129 Resp: 110284
Ion Ratio Lower Upper
129 100
127 79.1 55.2 102.6



#50
1,2-Dibromoethane
Concen: 25.532 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

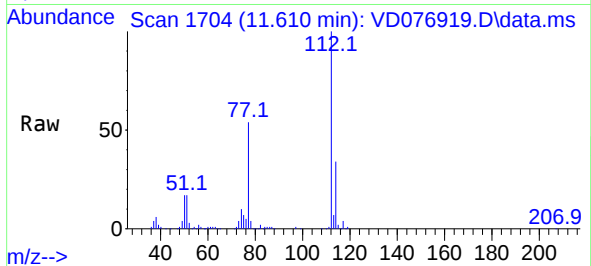
Tgt Ion:107 Resp: 100786
Ion Ratio Lower Upper
107 100
109 96.8 58.8 109.2
188 3.7 2.9 4.3



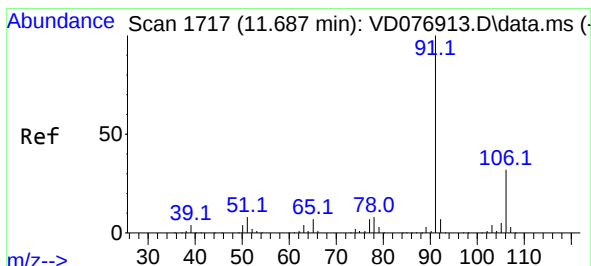
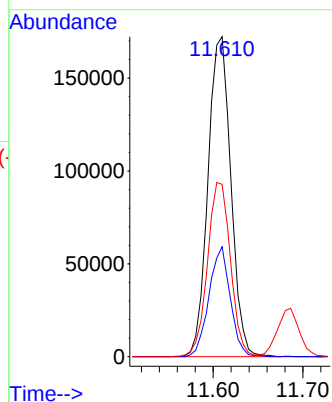
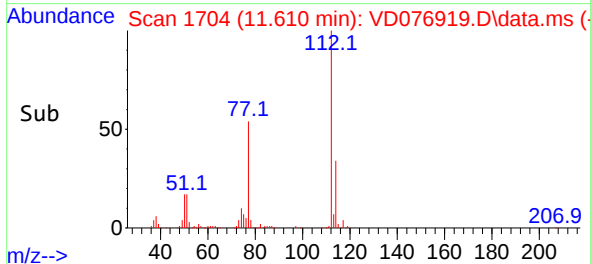


#51
Chlorobenzene
Concen: 24.071 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

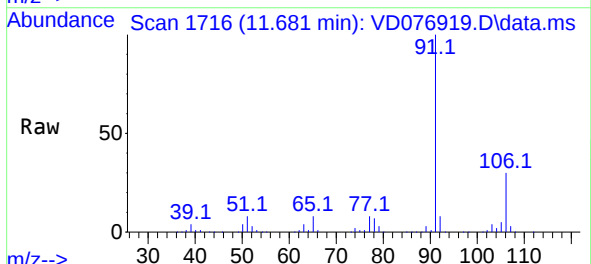
Instrument :
MSVOA_D
ClientSampleId :



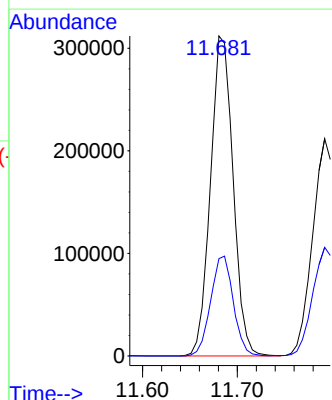
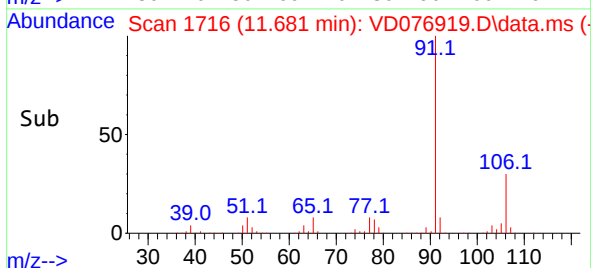
Tgt Ion:112 Resp: 305729
Ion Ratio Lower Upper
112 100
114 34.4 21.5 39.9
77 53.9 43.4 65.2

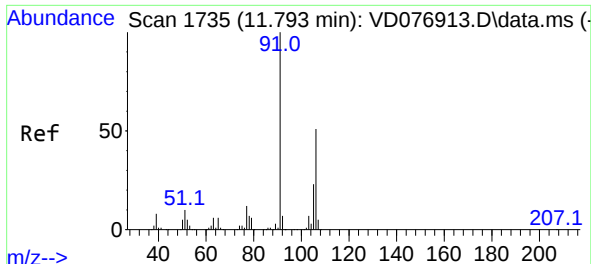


#52
Ethylbenzene
Concen: 24.919 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18



Tgt Ion: 91 Resp: 517658
Ion Ratio Lower Upper
91 100
106 30.4 22.4 41.6

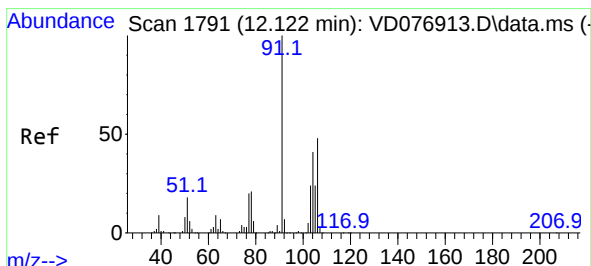
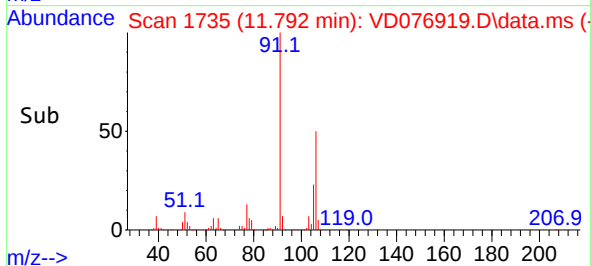
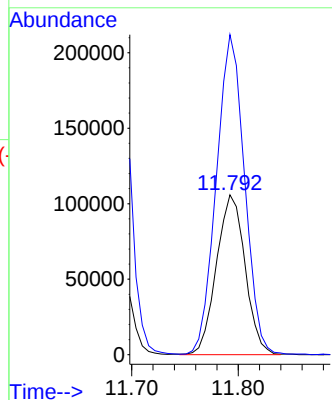
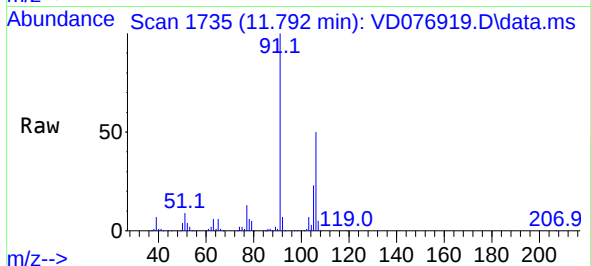




#53
m,p-Xylene
Concen: 24.694 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

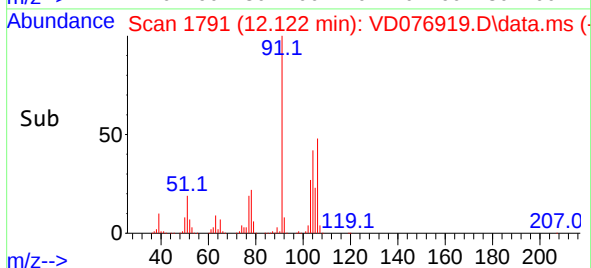
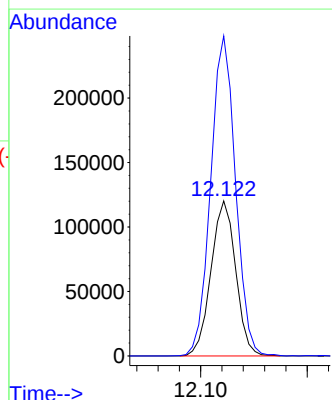
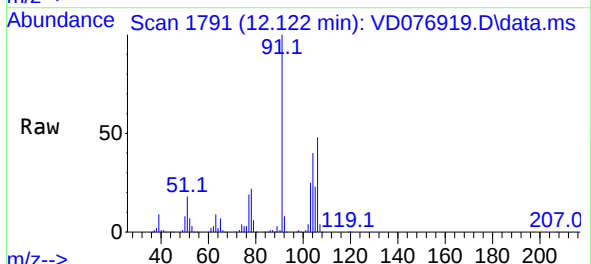
Instrument :
MSVOA_D
ClientSampleId :

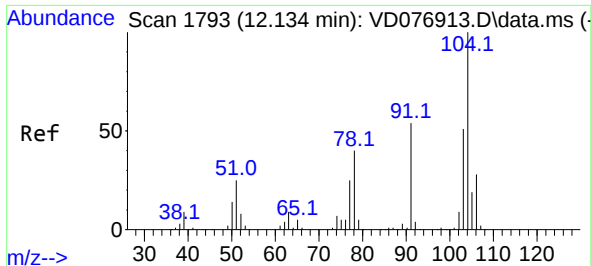
Tgt Ion:106 Resp: 197934
Ion Ratio Lower Upper
106 100
91 200.1 141.5 262.9



#54
o-Xylene
Concen: 25.085 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion:106 Resp: 193387
Ion Ratio Lower Upper
106 100
91 206.3 142.2 264.2

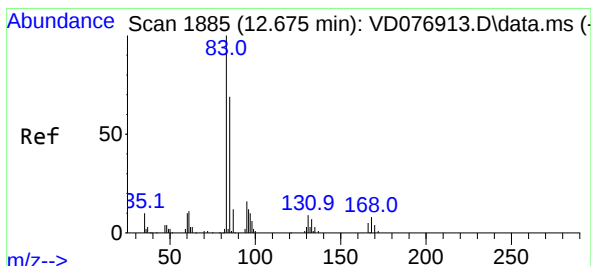
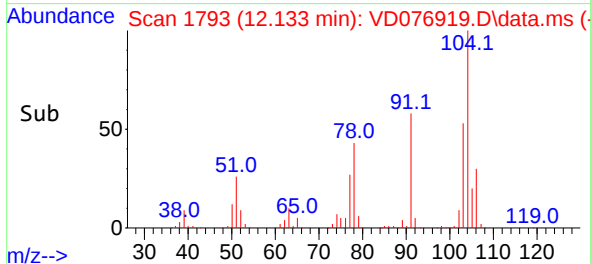
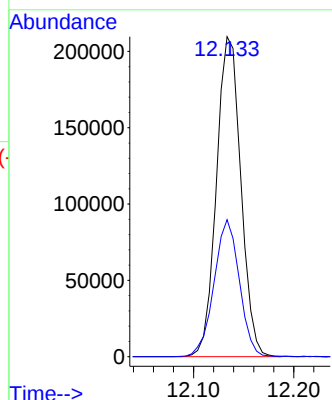
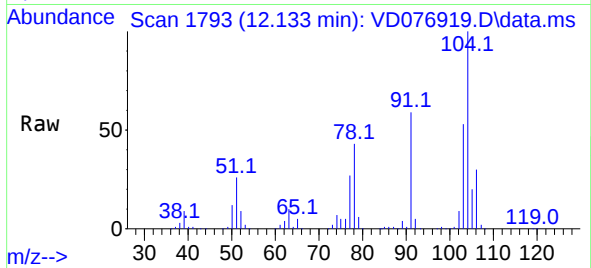




#55
Styrene
Concen: 25.363 ug/L
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

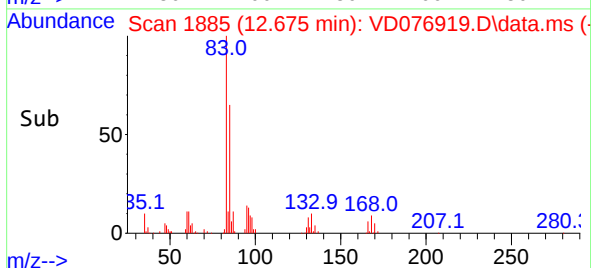
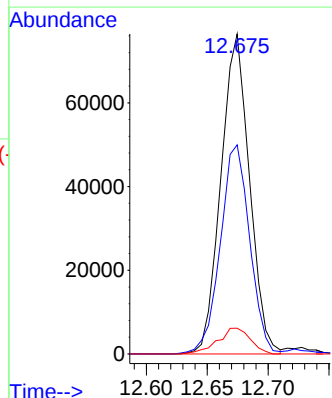
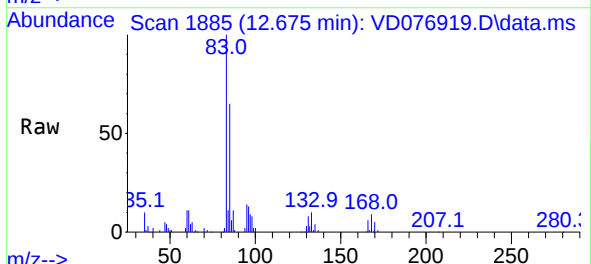
Instrument :
MSVOA_D
ClientSampleId :

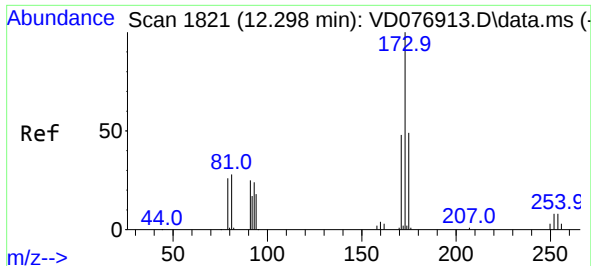
Tgt Ion:104 Resp: 353518
Ion Ratio Lower Upper
104 100
78 42.8 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 24.900 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 83 Resp: 124652
Ion Ratio Lower Upper
83 100
85 65.4 46.3 86.1
131 8.1 7.0 10.4

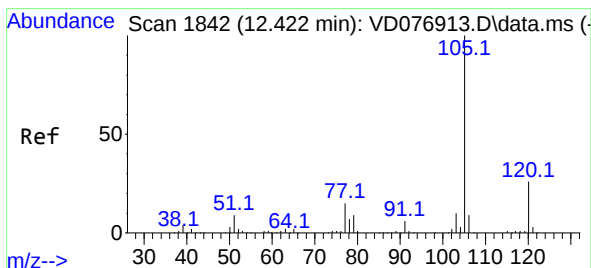
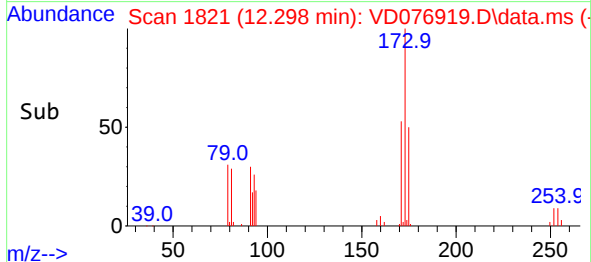
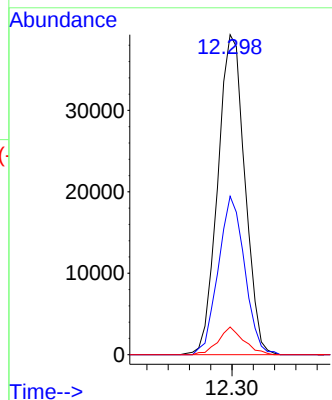
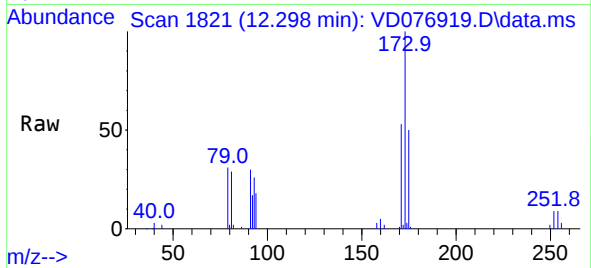




#59
Bromoform
Concen: 24.232 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

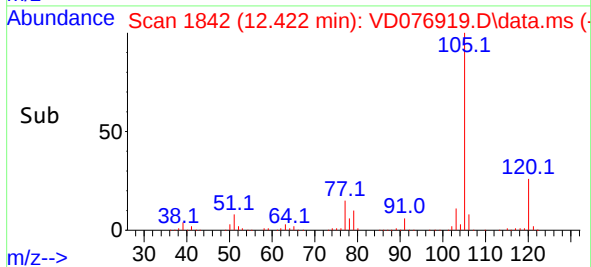
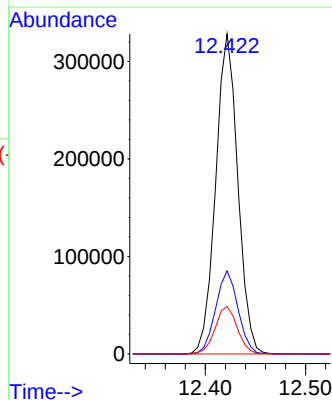
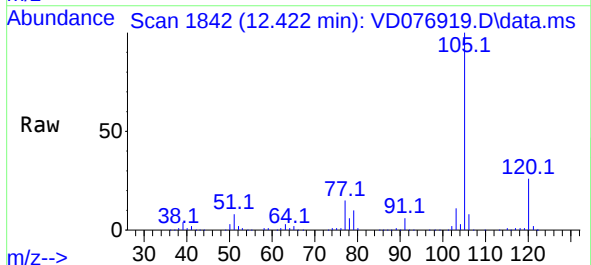
Instrument :
MSVOA_D
ClientSampleId :

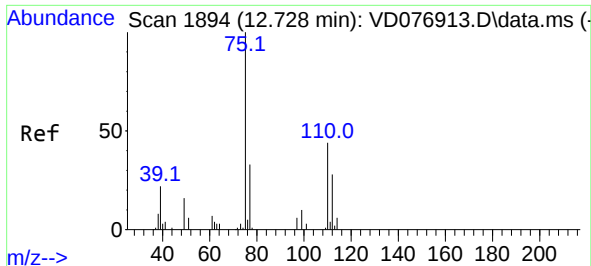
Tgt Ion:173 Resp: 69237
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.1 5.3 7.9#



#60
Isopropylbenzene
Concen: 24.212 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion:105 Resp: 501678
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.0 12.2 18.4

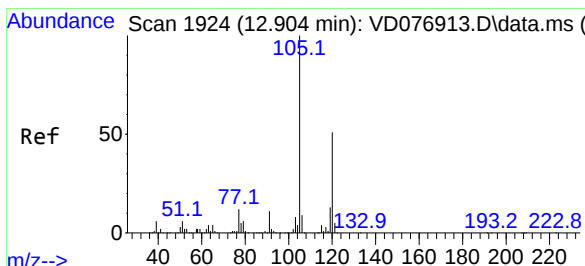
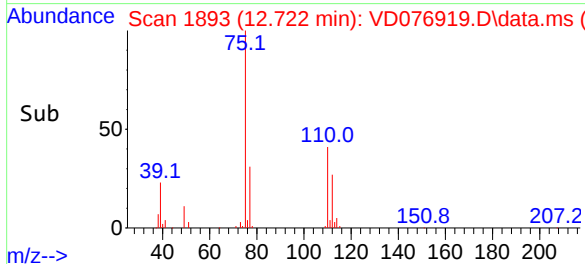
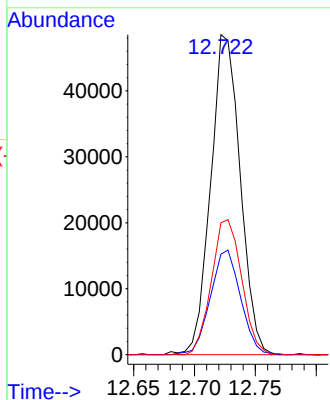
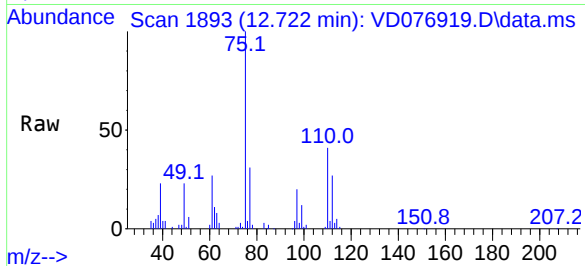




#61
1,2,3-Trichloropropane
Concen: 24.306 ug/L
RT: 12.722 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

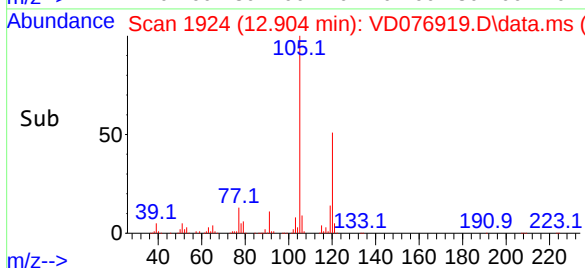
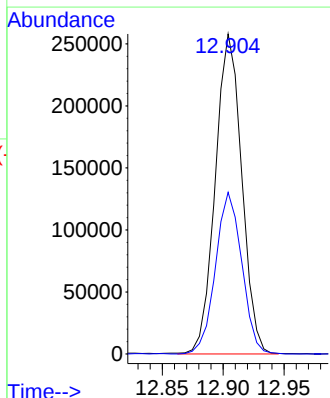
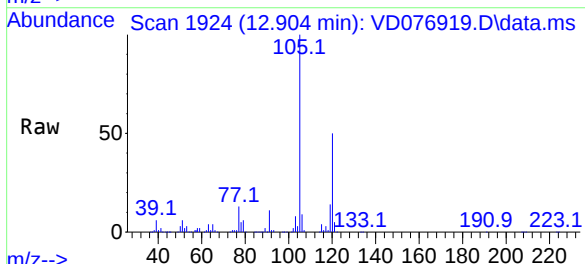
Instrument :
MSVOA_D
ClientSampleId :

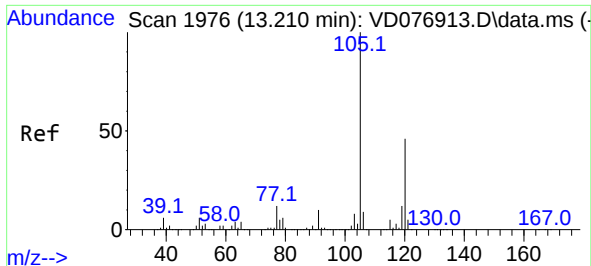
Tgt Ion: 75 Resp: 81732
Ion Ratio Lower Upper
75 100
77 33.5 27.2 40.8
110 43.2 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 24.694 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Tgt Ion: 105 Resp: 389788
Ion Ratio Lower Upper
105 100
120 50.2 39.8 59.6

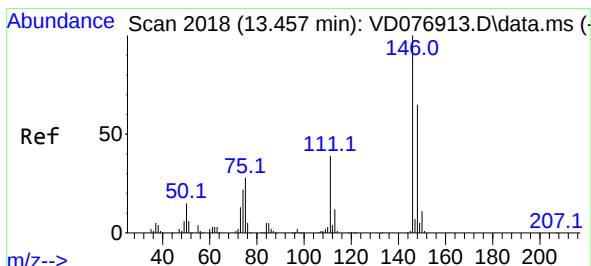
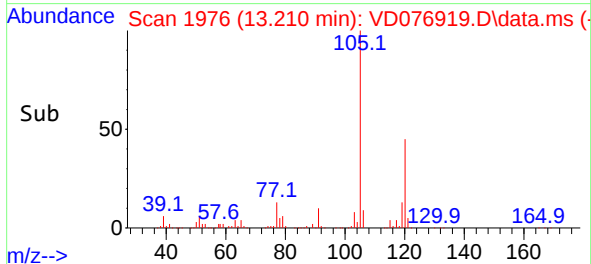
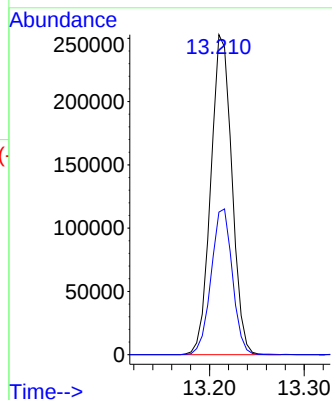
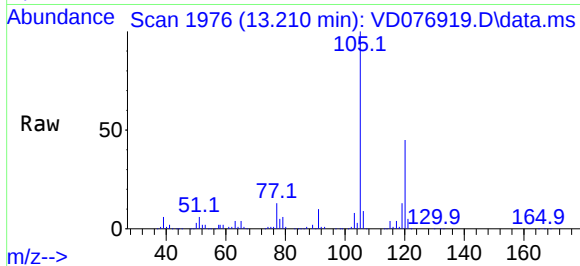




#63
1,2,4-Trimethylbenzene
Concen: 24.915 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

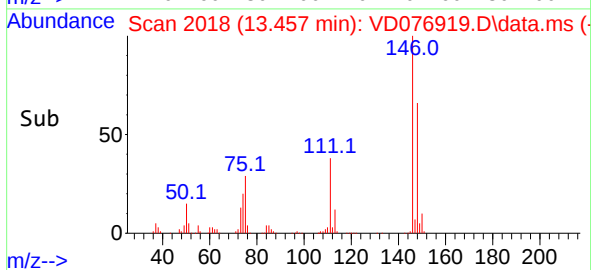
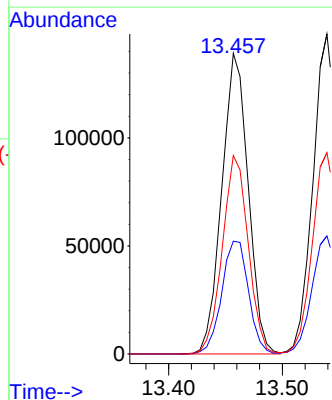
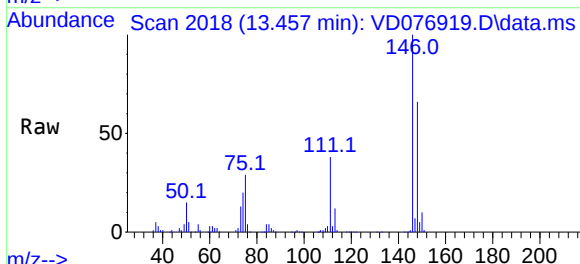
Instrument :
MSVOA_D
ClientSampleId :

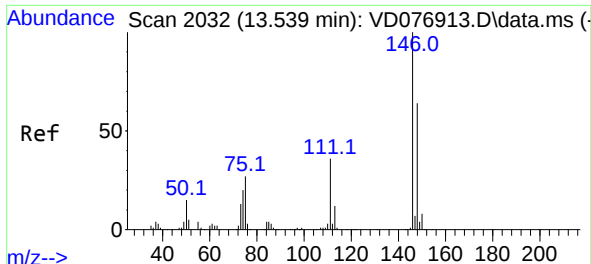
Tgt Ion:105 Resp: 391386
Ion Ratio Lower Upper
105 100
120 45.7 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 23.758 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

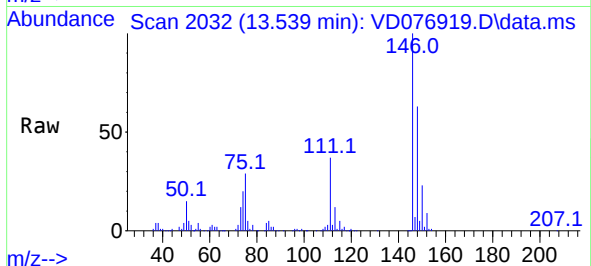
Tgt Ion:146 Resp: 224664
Ion Ratio Lower Upper
146 100
111 37.5 25.6 47.4
148 66.0 44.3 82.3



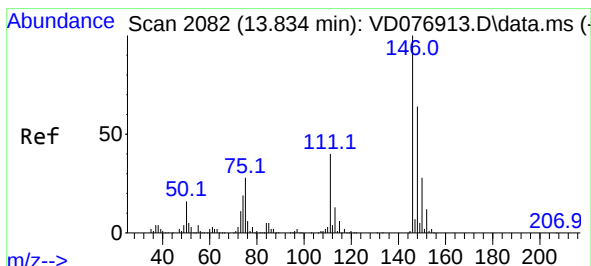
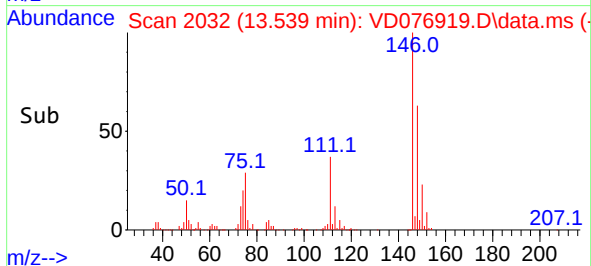
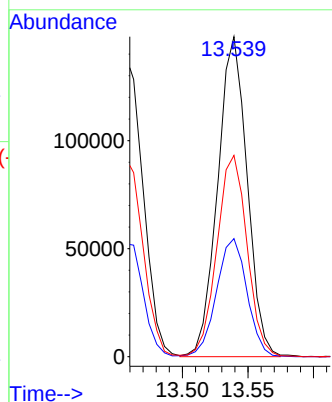


#65
1,4-Dichlorobenzene
Concen: 23.681 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :

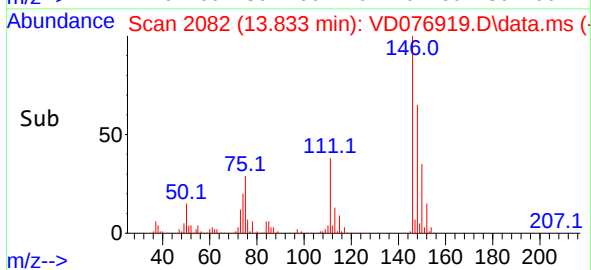
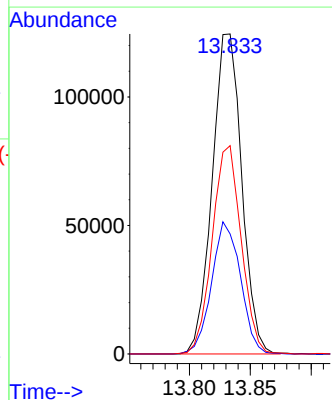
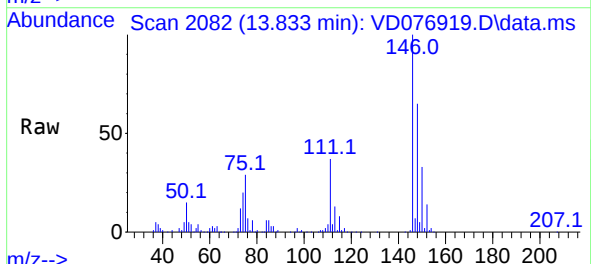


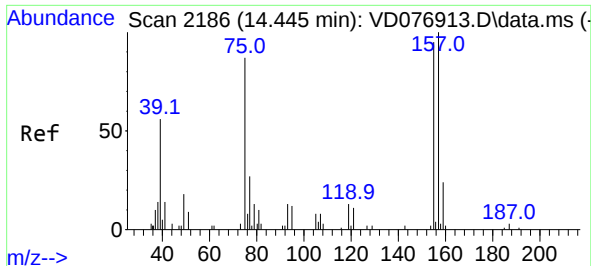
Tgt Ion:146 Resp: 231479
Ion Ratio Lower Upper
146 100
111 36.9 25.7 47.7
148 62.9 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 23.727 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

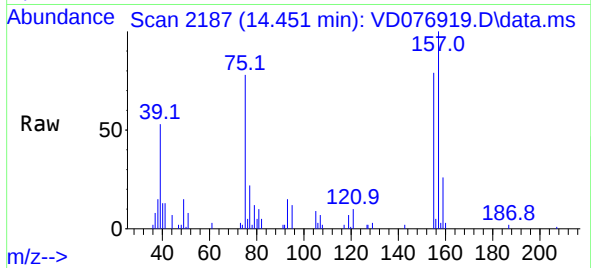
Tgt Ion:146 Resp: 210344
Ion Ratio Lower Upper
146 100
111 37.5 31.3 46.9
148 65.1 51.7 77.5



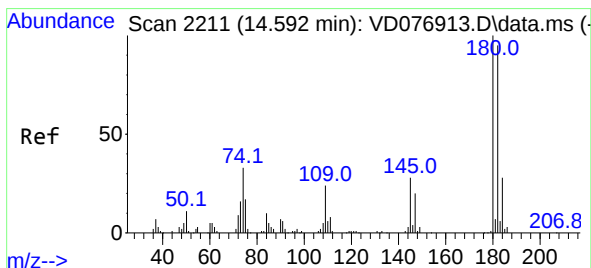
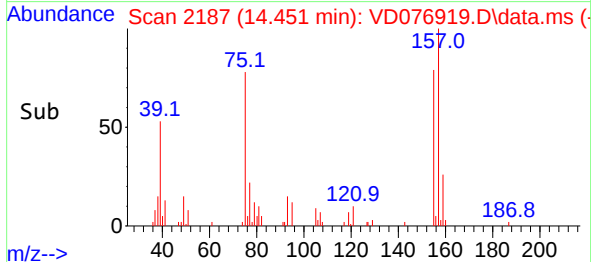
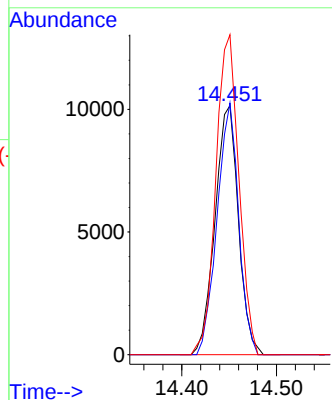


#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.650 ug/L
 RT: 14.451 min Scan# 2186
 Delta R.T. 0.006 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Instrument :
 MSVOA_D
 ClientSampleId :

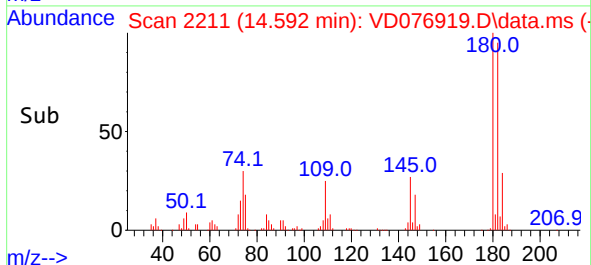
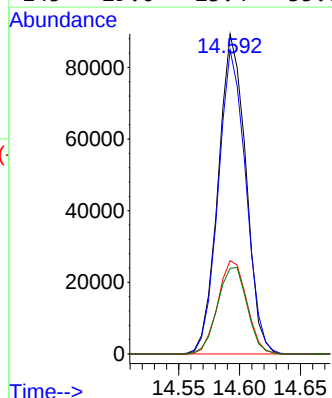
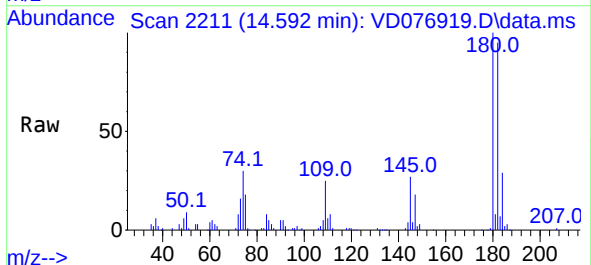


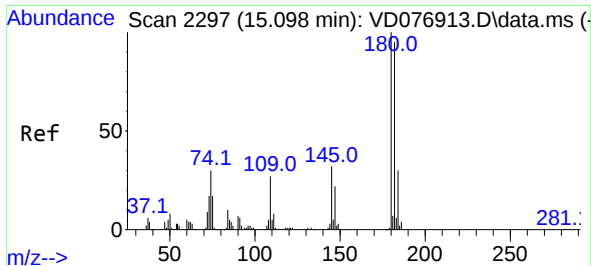
Tgt Ion: 75 Resp: 17451
 Ion Ratio Lower Upper
 75 100
 155 101.0 76.2 114.4
 157 128.4 89.4 134.2



#69
 1,3,5-Trichlorobenzene
 Concen: 23.792 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. -0.000 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Tgt Ion: 180 Resp: 140796
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.1 115.7
 184 30.5 25.0 37.4
 145 29.0 23.4 35.0

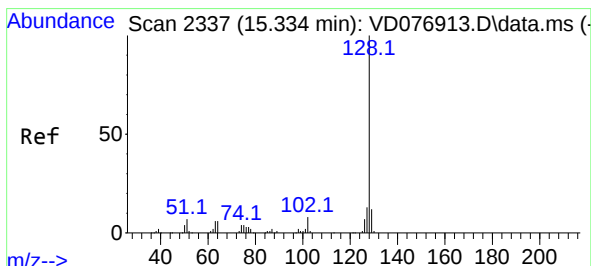
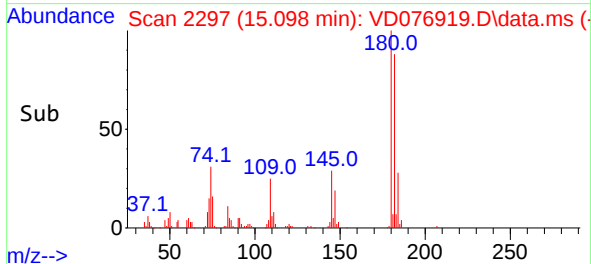
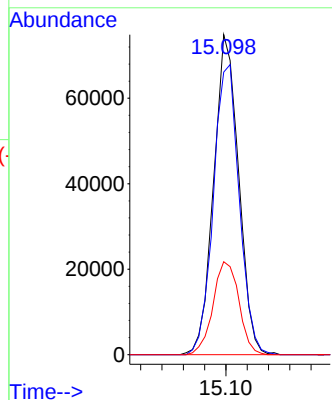
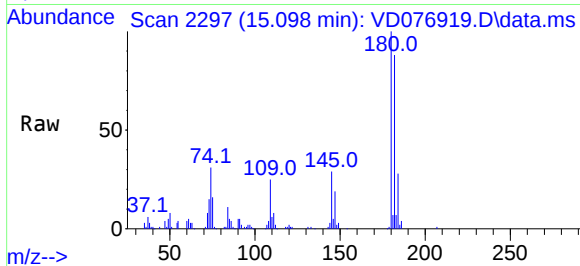




#70
1,2,4-trichlorobenzene
Concen: 23.408 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

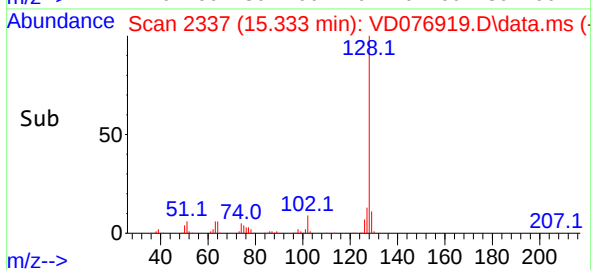
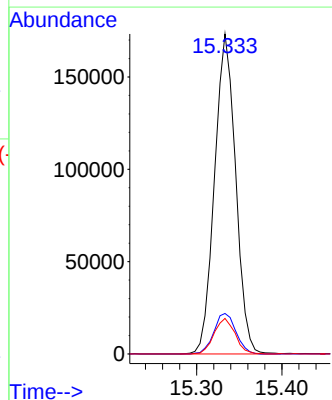
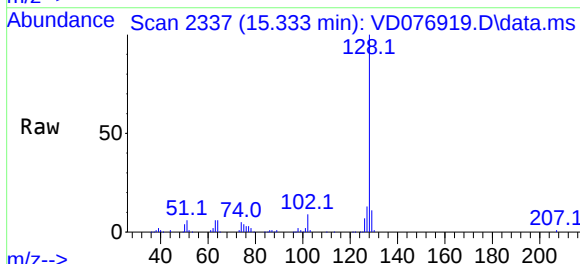
Instrument :
MSVOA_D
ClientSampleId :

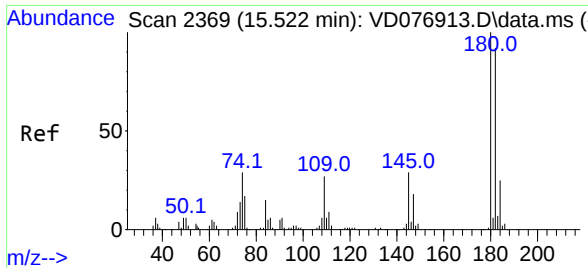
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.9	115.3
145	30.1	23.5	35.3



#71
Naphthalene
Concen: 24.355 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076919.D
Acq: 03 Aug 2023 15:18

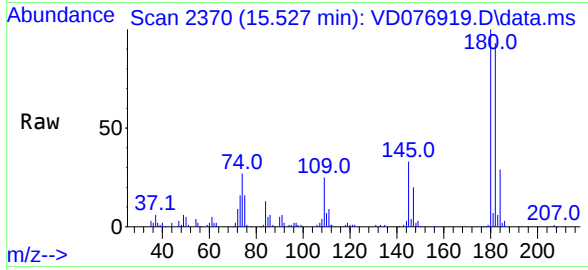
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	11.1	8.6	12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 24.294 ug/L
 RT: 15.527 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD076919.D
 Acq: 03 Aug 2023 15:18

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	114689
Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.3	111.5
145	32.5	25.0	37.6

