

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080323\
 Data File : VD076913.D
 Acq On : 03 Aug 2023 11:01
 Operator : KP/SY
 Sample : VSTD02560
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 04 01:42:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 04 01:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	279945	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	282042	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	145309	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	148712	22.274	ug/L	0.00
7) Chloroethane-d5	2.799	69	142521	25.436	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	37950	21.810	ug/L	0.00
21) 2-Butanone-d5	6.987	46	56525	53.618	ug/L	0.00
24) Chloroform-d	7.569	84	195345	26.112	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	97798	26.472	ug/L	0.00
32) Benzene-d6	8.204	84	386118	22.877	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	119884	22.350	ug/L	0.00
41) Toluene-d8	10.269	98	361499	23.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	52851	23.481	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	49209	55.695	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118252	28.982	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	118057	22.564	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	102304	23.663	ug/L	99
3) Chloromethane	2.146	50	146659	20.999	ug/L	100
5) Vinyl chloride	2.281	62	205493	26.081	ug/L	94
6) Bromomethane	2.687	94	153836	32.916	ug/L	100
8) Chloroethane	2.834	64	139868	28.334	ug/L	92
9) Trichlorofluoromethane	3.169	101	173744	29.283	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	113272	29.375	ug/L	98
12) 1,1-Dichloroethene	3.940	96	100941	27.241	ug/L	86
13) Acetone	4.016	43	63952	67.866	ug/L	94
14) Carbon disulfide	4.269	76	357992	26.744	ug/L	99
16) Methylene chloride	4.799	84	125702	25.194	ug/L	82
17) trans-1,2-Dichloroethene	5.311	96	114666	27.493	ug/L	85
18) Methyl tert-butyl Ether	5.316	73	260524	27.551	ug/L #	92
19) 1,1-Dichloroethane	6.110	63	190296	25.535	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	128811	27.749	ug/L	92
22) 2-Butanone	7.081	43	84776	59.227	ug/L	90
23) Bromochloromethane	7.422	128	60720	30.132	ug/L	81
25) Chloroform	7.599	83	209397	28.053	ug/L	92
27) 1,2-Dichloroethane	8.328	62	130611	28.414	ug/L	98
29) Cyclohexane	7.881	56	160494	22.026	ug/L #	83
30) 1,1,1-Trichloroethane	7.793	97	174466	26.363	ug/L	97
31) Carbon tetrachloride	7.993	117	146113	27.300	ug/L	99
33) Benzene	8.252	78	472824	25.403	ug/L	100
34) Trichloroethene	9.028	95	117628	24.651	ug/L	96
35) Methylcyclohexane	9.275	83	203047	26.070	ug/L	92
37) 1,2-Dichloropropane	9.304	63	119107	23.604	ug/L #	96
38) Bromodichloromethane	9.587	83	162438	27.579	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	194956	25.138	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	146675	46.971	ug/L #	89
42) Toluene	10.334	91	516691	25.804	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	168277	26.430	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	106075	29.217	ug/L	98

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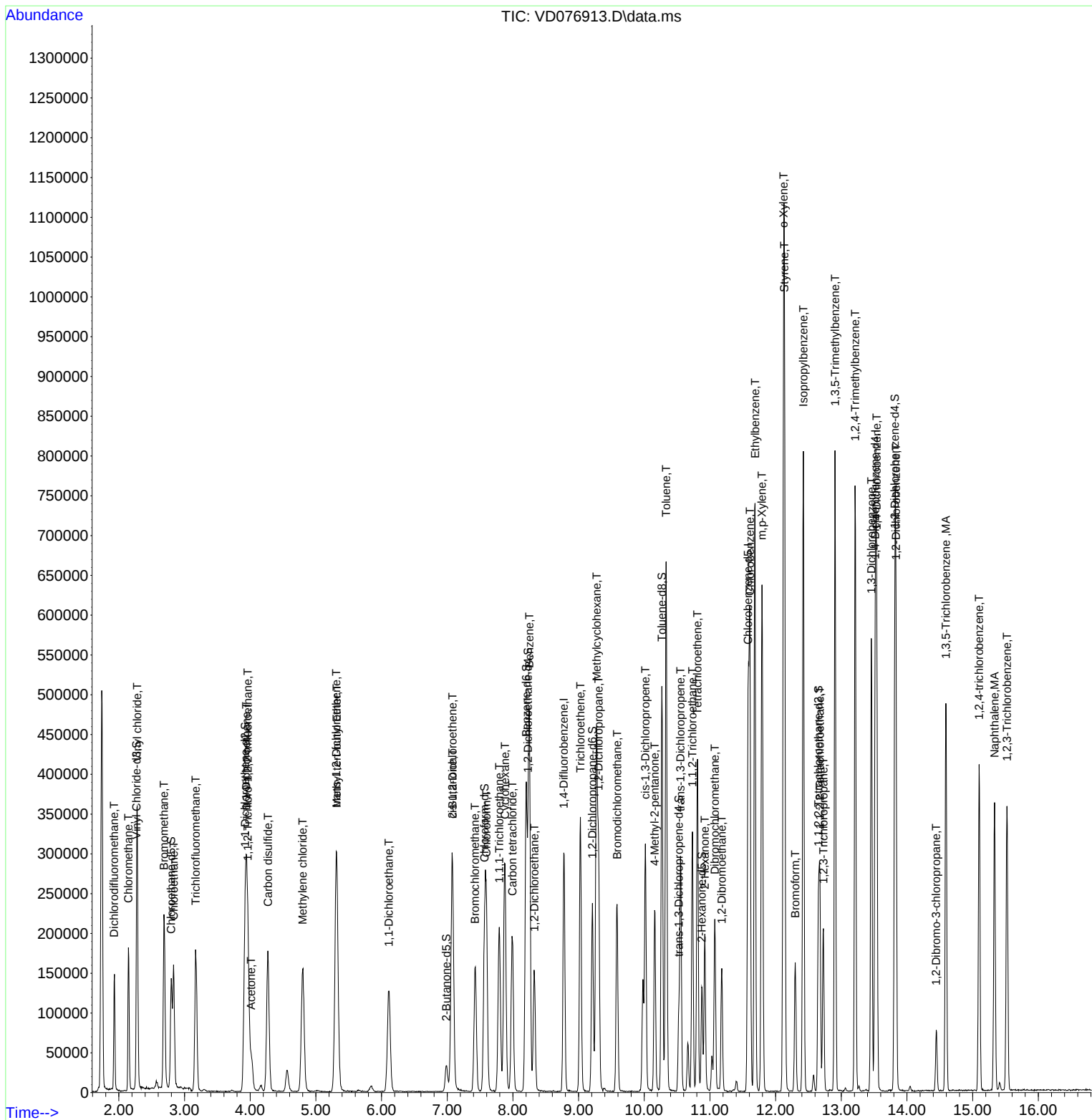
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 ClientSampleId :

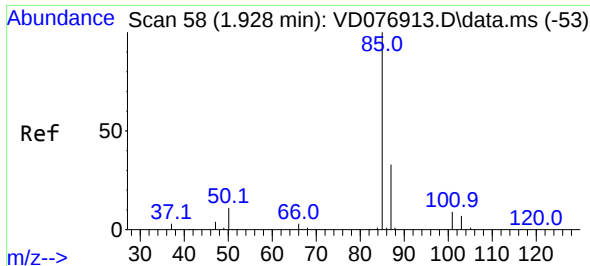
Quant Time: Aug 04 01:42:04 2023
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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.810	164	92167	24.404	ug/L	94
48) 2-Hexanone	10.922	43	116243	52.815	ug/L #	89
49) Dibromochloromethane	11.075	129	113374	27.846	ug/L	95
50) 1,2-Dibromoethane	11.181	107	102762	29.185	ug/L #	87
51) Chlorobenzene	11.610	112	324075	25.906	ug/L	99
52) Ethylbenzene	11.687	91	553778	25.668	ug/L	99
53) m,p-Xylene	11.793	106	212332	25.096	ug/L	95
54) o-Xylene	12.122	106	203868	25.315	ug/L	97
55) Styrene	12.134	104	376003	26.696	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	130445	30.846	ug/L	96
59) Bromoform	12.298	173	71597	27.023	ug/L #	98
60) Isopropylbenzene	12.422	105	539794	24.457	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	84817	28.972	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	413296	23.645	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	416496	23.979	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	237865	24.309	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	246392	24.751	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	221550	25.110	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	18065	27.999	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	149628	23.111	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	130329	22.655	ug/L	96
71) Naphthalene	15.334	128	309146	26.939	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	121137	23.958	ug/L	98

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

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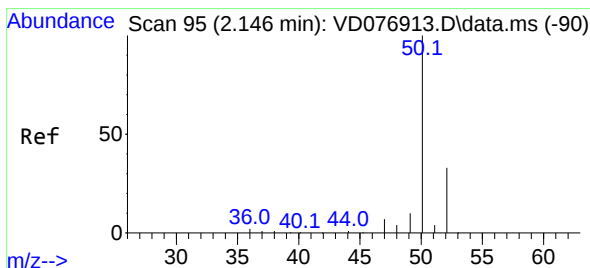
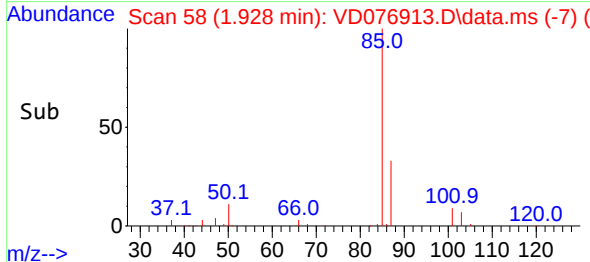
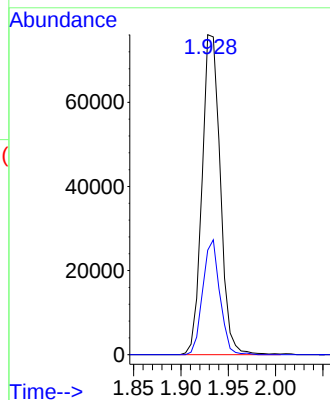
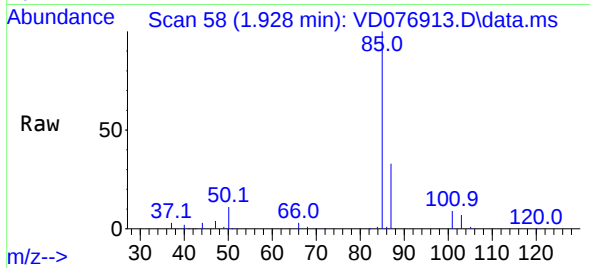




#2
 Dichlorodifluoromethane
 Concen: 23.663 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

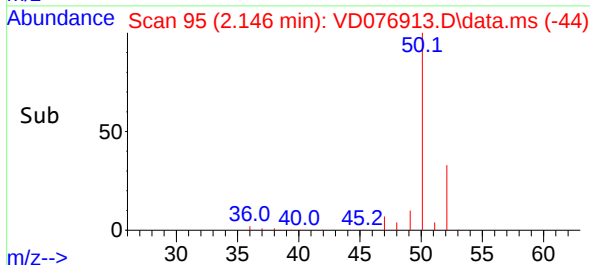
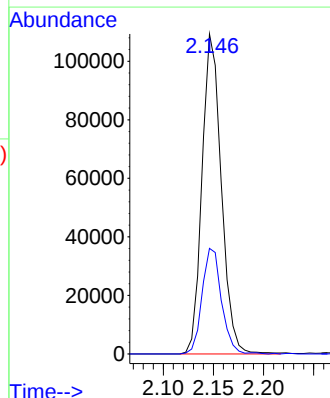
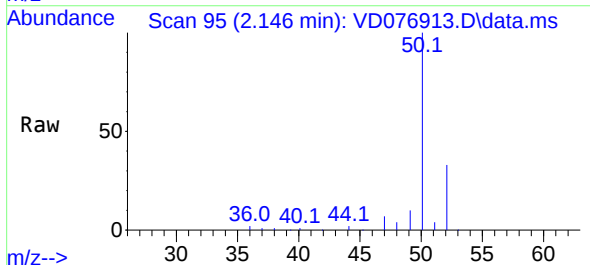
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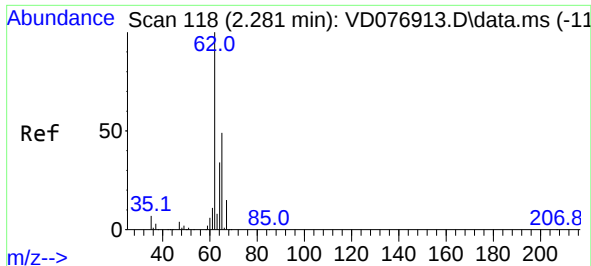
Tgt Ion: 85 Resp: 102304
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.3 39.5



#3
 Chloromethane
 Concen: 20.999 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

Tgt Ion: 50 Resp: 146659
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

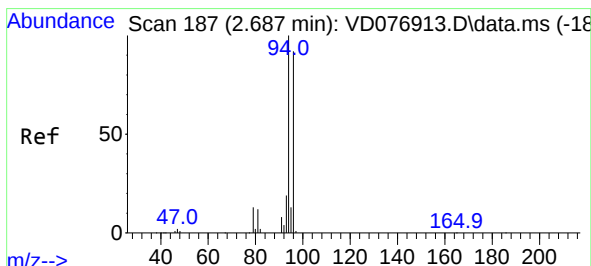
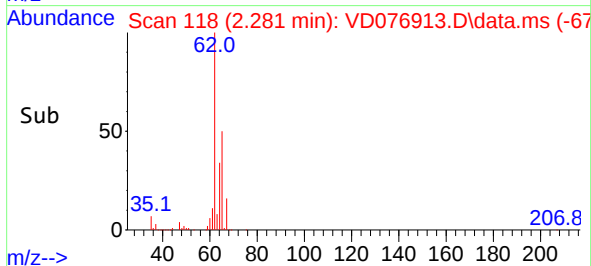
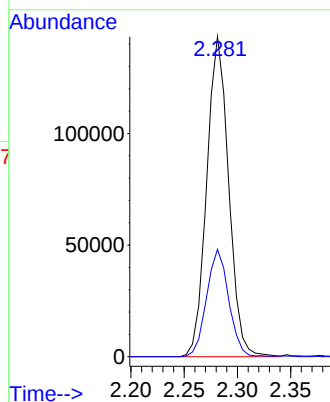
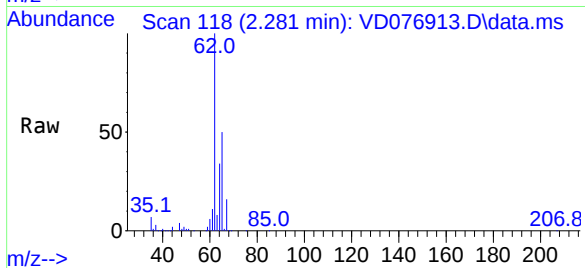




#5
 Vinyl chloride
 Concen: 26.081 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

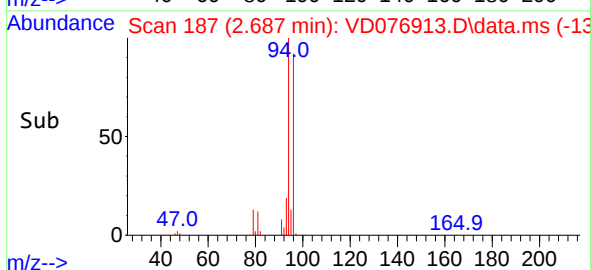
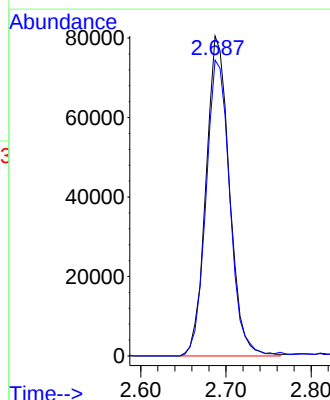
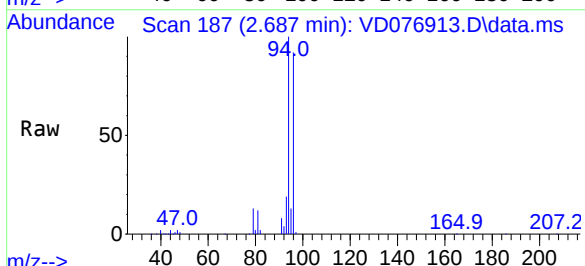
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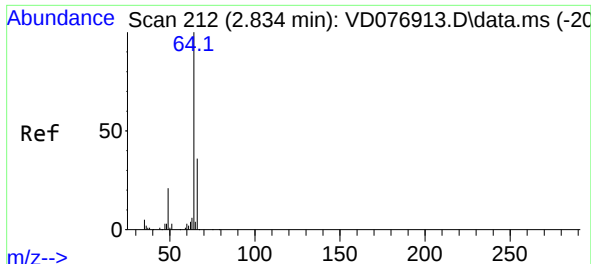
Tgt Ion: 62 Resp: 205493
 Ion Ratio Lower Upper
 62 100
 64 33.6 21.1 39.1



#6
 Bromomethane
 Concen: 32.916 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

Tgt Ion: 94 Resp: 153836
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.7 120.1

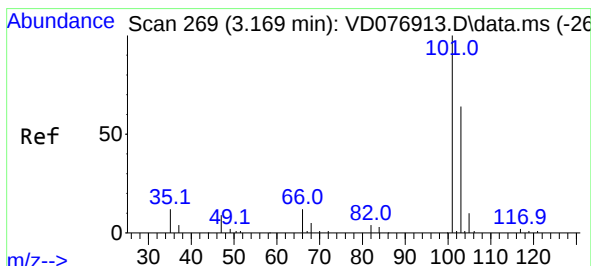
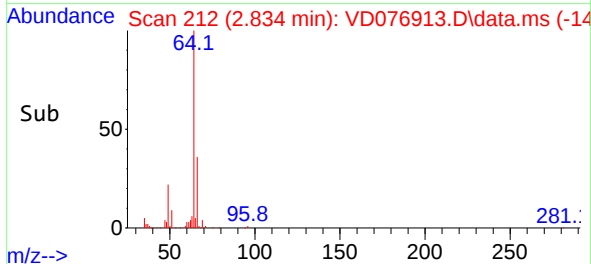
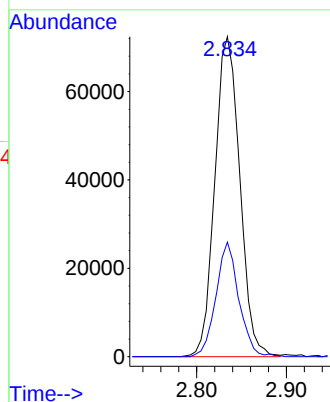
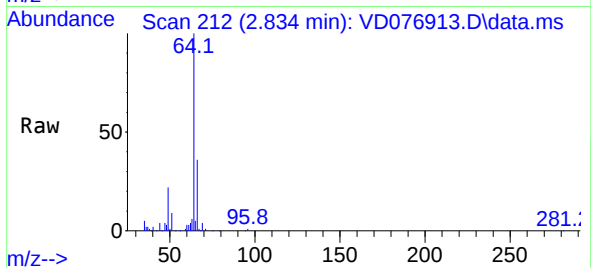




#8
Chloroethane
Concen: 28.334 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

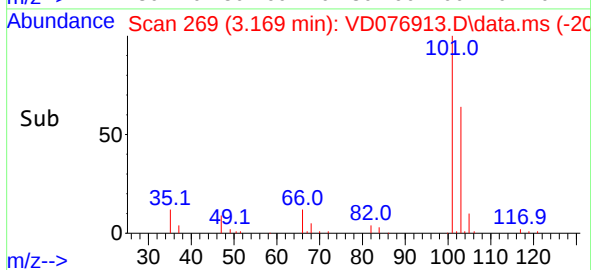
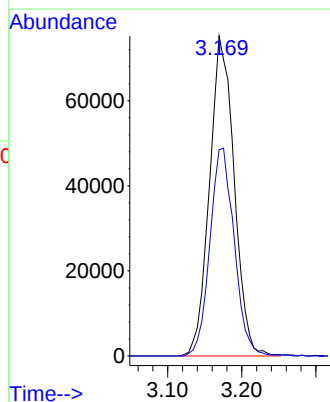
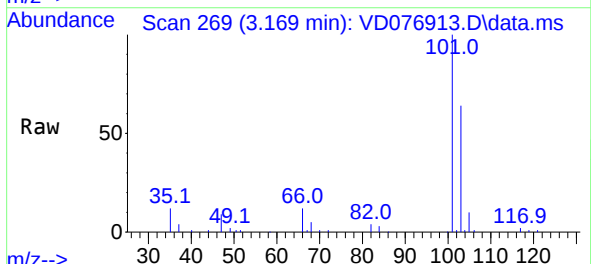
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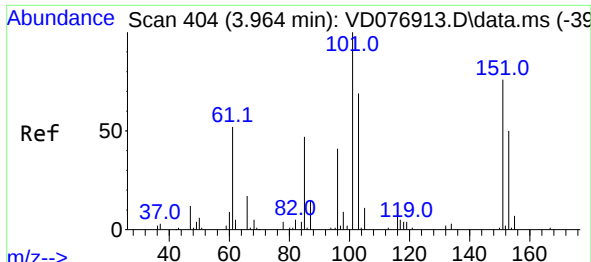
Tgt Ion: 64 Resp: 139868
Ion Ratio Lower Upper
64 100
66 35.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 29.283 ug/L
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion:101 Resp: 173744
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

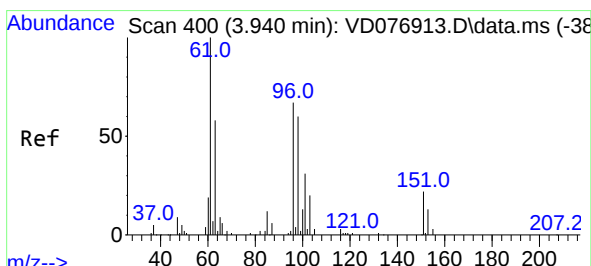
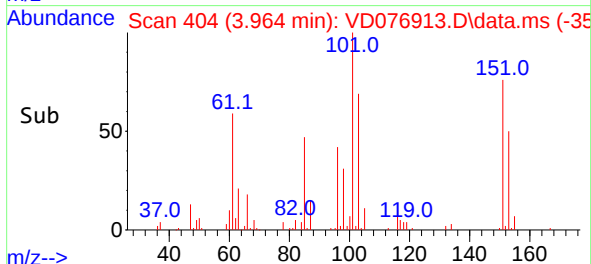
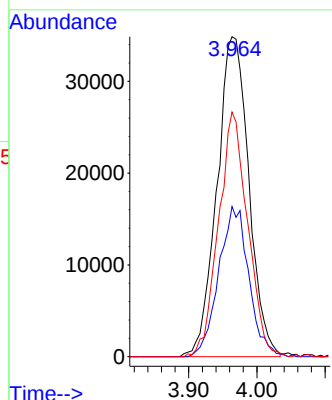
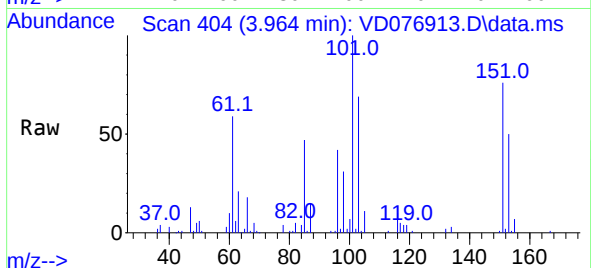




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.375 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

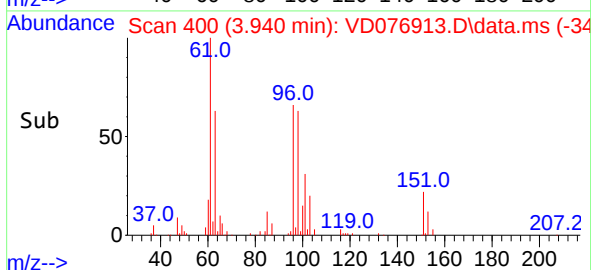
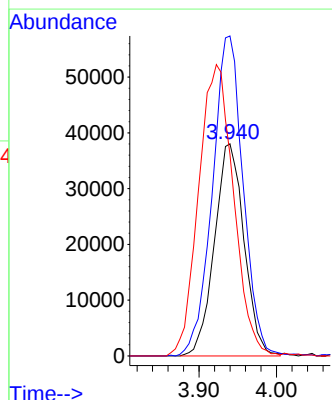
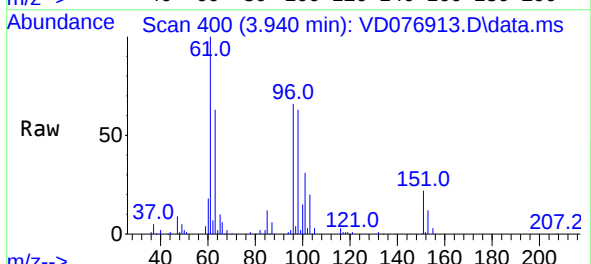
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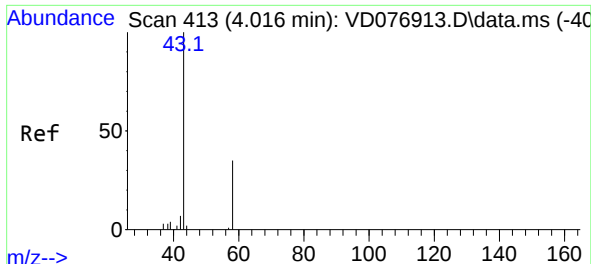
Tgt Ion:101 Resp: 113272
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.5 53.3
 151 70.0 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 27.241 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

Tgt Ion: 96 Resp: 100941
 Ion Ratio Lower Upper
 96 100
 61 150.9 113.0 209.8
 63 95.0 83.6 155.2

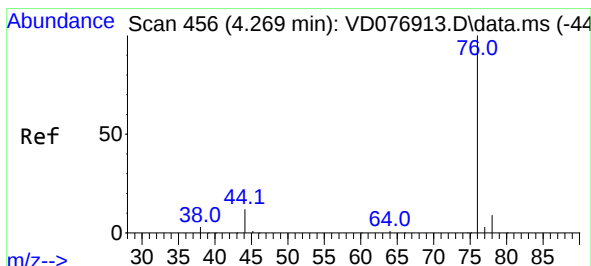
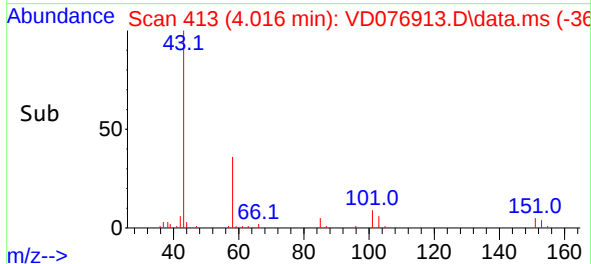
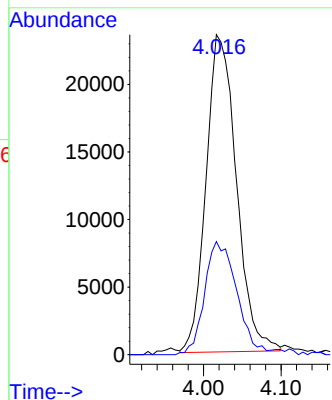
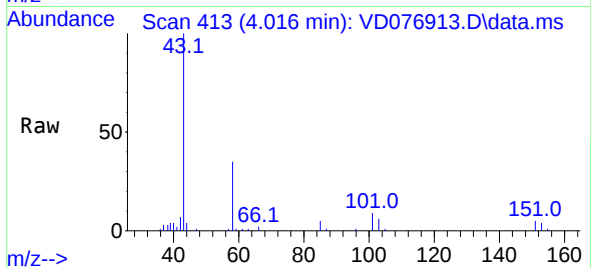




#13
Acetone
Concen: 67.866 ug/L
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

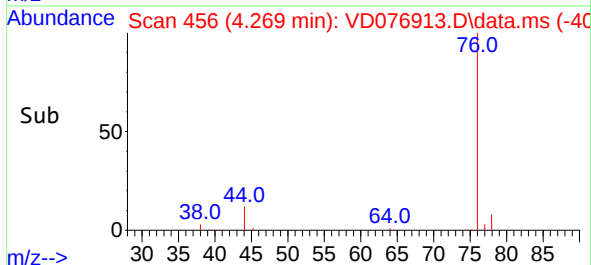
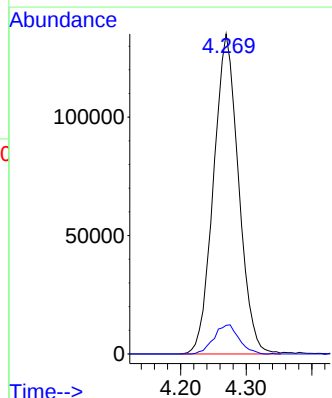
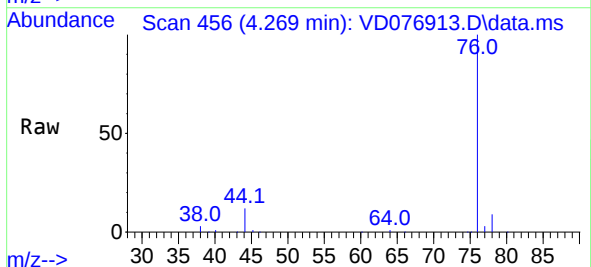
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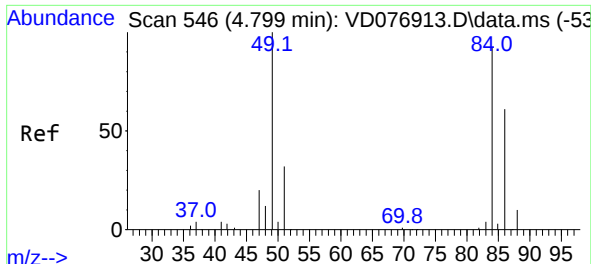
Tgt Ion: 43 Resp: 63952
Ion Ratio Lower Upper
43 100
58 37.0 0.0 67.4



#14
Carbon disulfide
Concen: 26.744 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

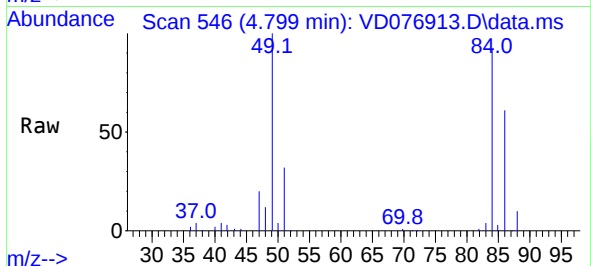
Tgt Ion: 76 Resp: 357992
Ion Ratio Lower Upper
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78 9.0 7.0 10.4



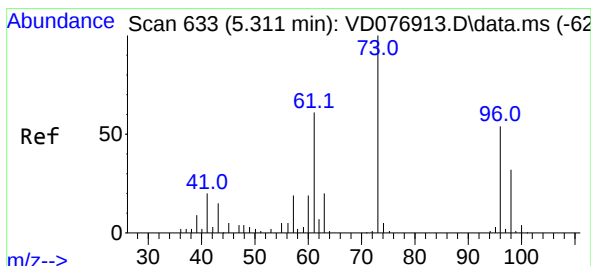
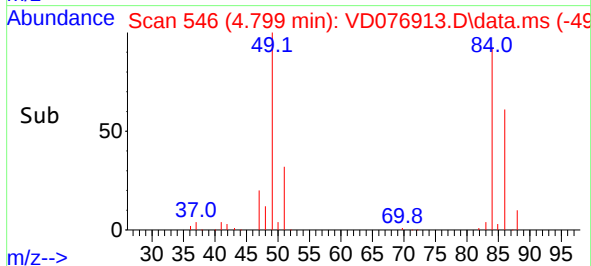
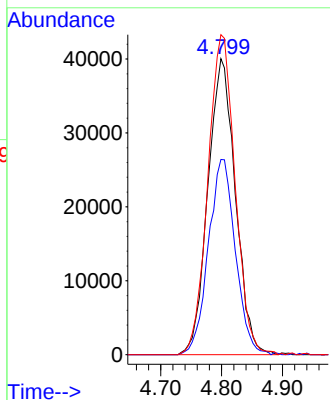


#16
Methylene chloride
Concen: 25.194 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD076913.D
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Instrument :
MSVOA_D
ClientSampleId :

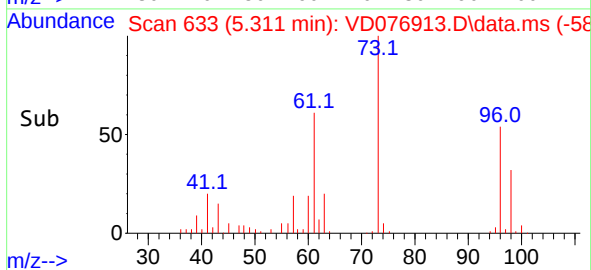
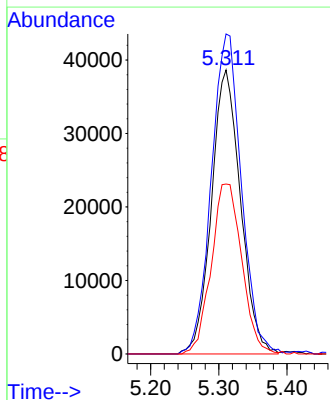
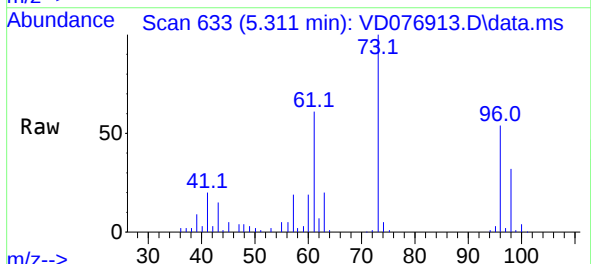


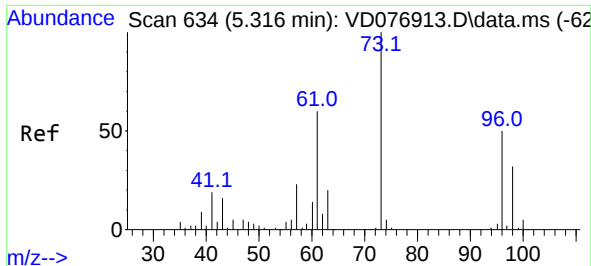
Tgt Ion: 84 Resp: 125702
Ion Ratio Lower Upper
84 100
86 66.0 45.1 83.9
49 108.1 97.2 180.6



#17
trans-1,2-Dichloroethene
Concen: 27.493 ug/L
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

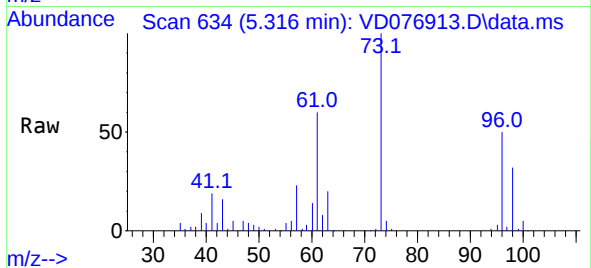
Tgt Ion: 96 Resp: 114666
Ion Ratio Lower Upper
96 100
61 112.6 94.5 175.5
98 59.8 46.0 85.4



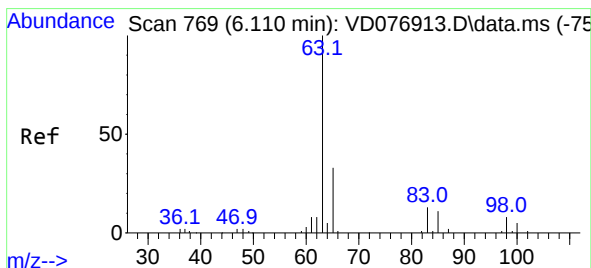
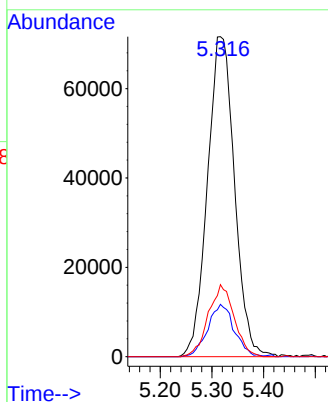
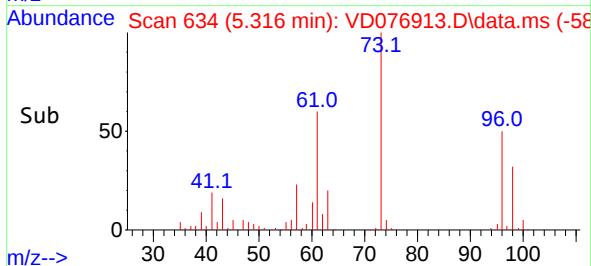


#18
Methyl tert-butyl Ether
Concen: 27.551 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

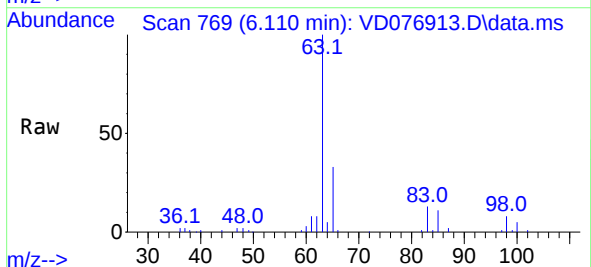
Instrument :
MSVOA_D
ClientSampleId :



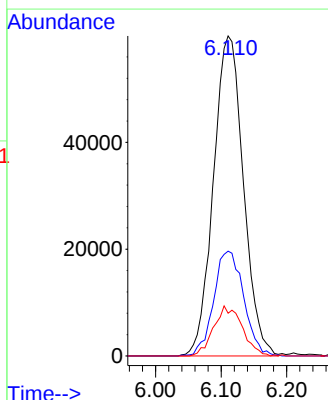
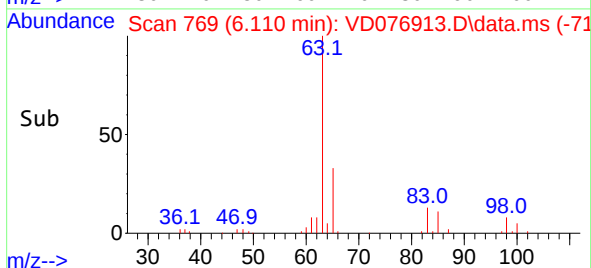
Tgt Ion: 73 Resp: 260524
Ion Ratio Lower Upper
73 100
43 15.9 7.2 10.8#
57 21.5 18.6 28.0

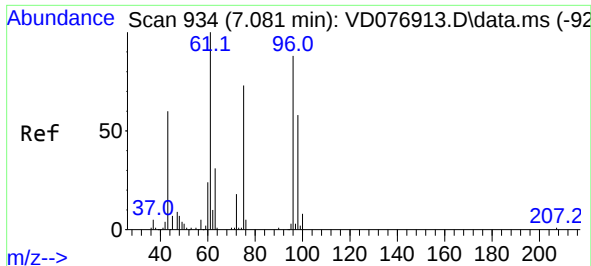


#19
1,1-Dichloroethane
Concen: 25.535 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01



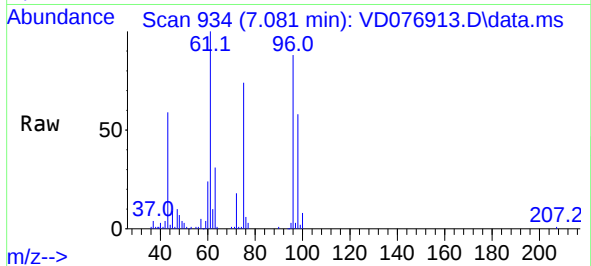
Tgt Ion: 63 Resp: 190296
Ion Ratio Lower Upper
63 100
65 32.7 20.8 38.6
83 13.4 8.9 16.5



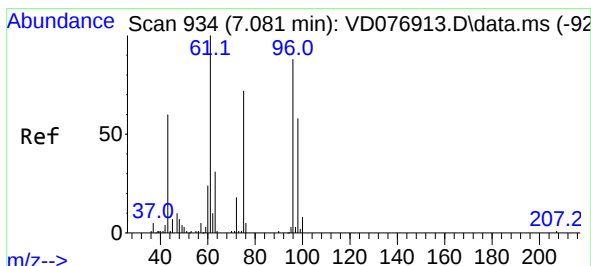
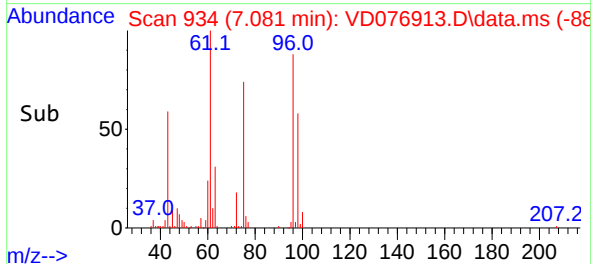
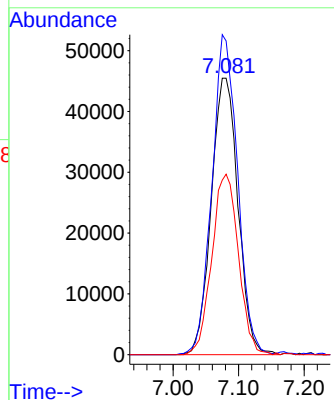


#20
cis-1,2-Dichloroethene
Concen: 27.749 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :

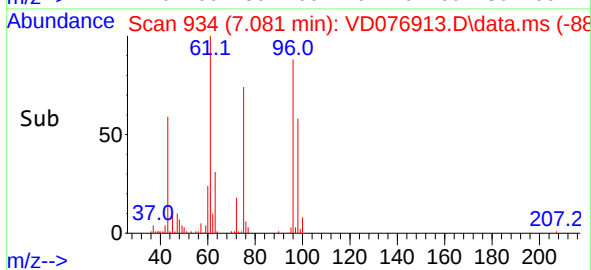
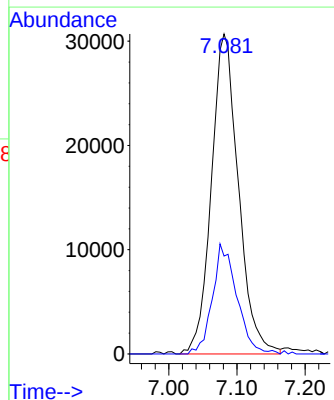
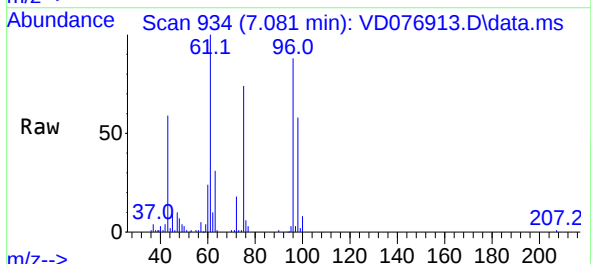


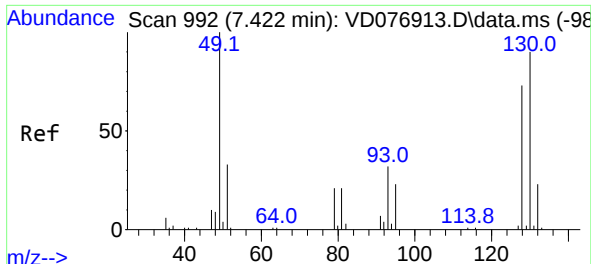
Tgt Ion: 96 Resp: 128811
Ion Ratio Lower Upper
96 100
61 113.5 86.0 159.6
98 65.3 42.2 78.4



#22
2-Butanone
Concen: 59.227 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

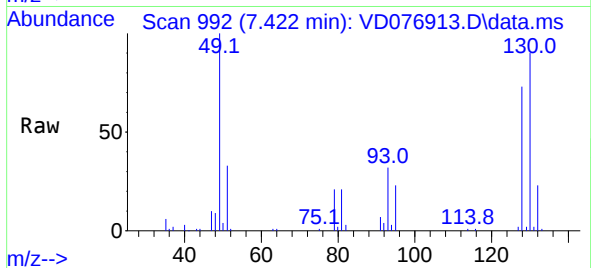
Tgt Ion: 43 Resp: 84776
Ion Ratio Lower Upper
43 100
72 30.8 12.9 38.7





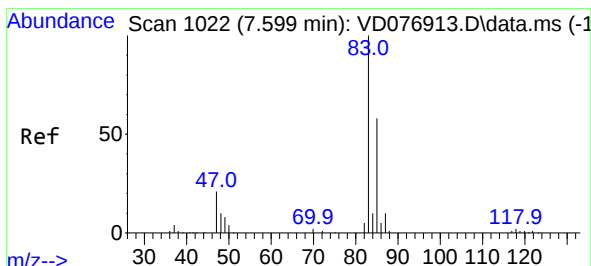
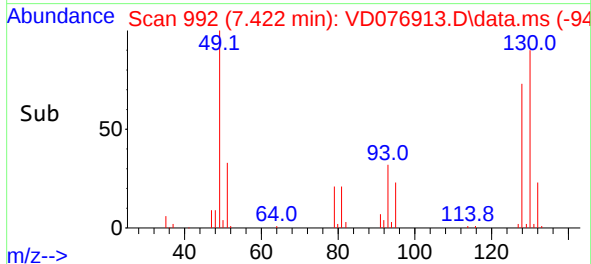
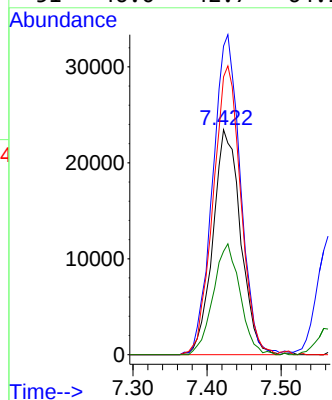
#23
Bromochloromethane
Concen: 30.132 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 60720

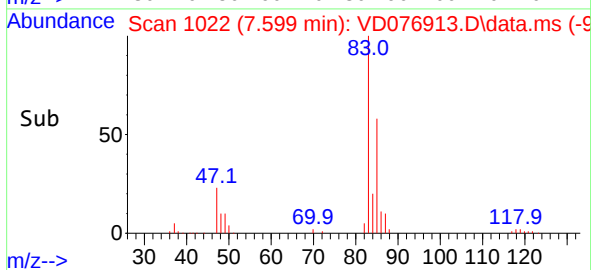
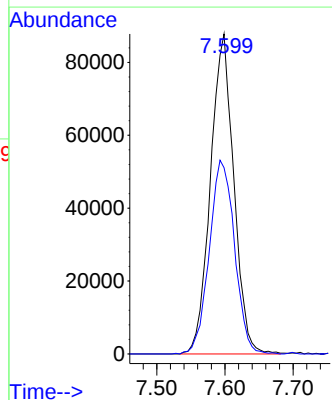
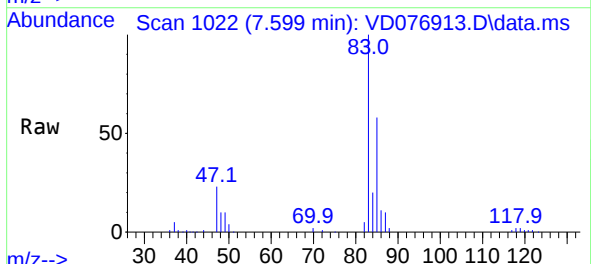
Ion	Ratio	Lower	Upper
128	100		
49	137.2	124.7	231.7
130	123.6	80.0	148.6
51	46.0	42.7	64.1

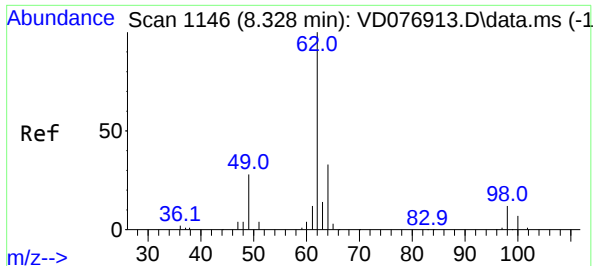


#25
Chloroform
Concen: 28.053 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 83 Resp: 209397

Ion	Ratio	Lower	Upper
83	100		
85	58.2	45.4	84.4

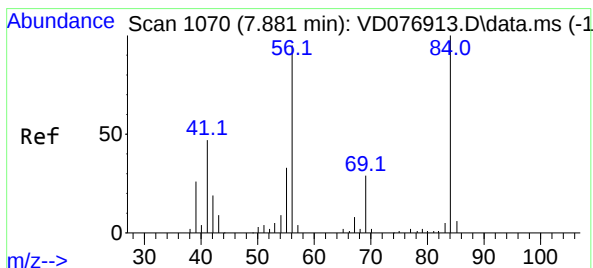
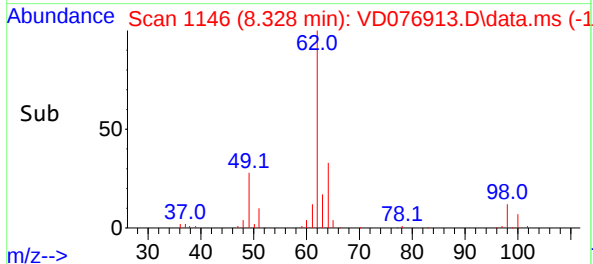
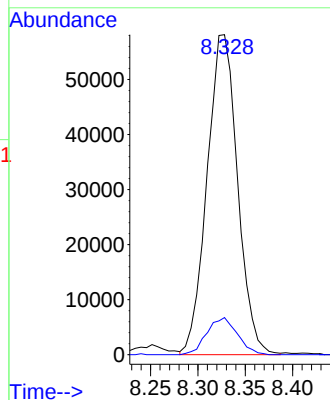
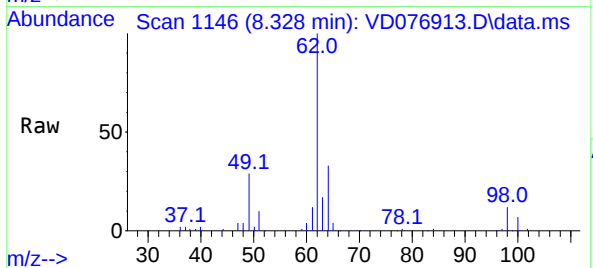




#27
1,2-Dichloroethane
Concen: 28.414 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

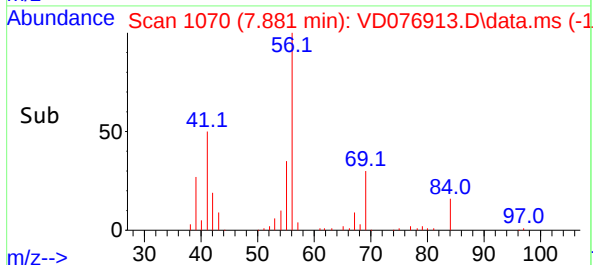
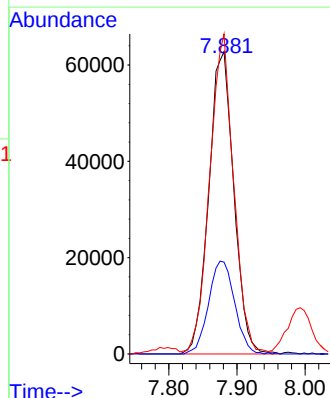
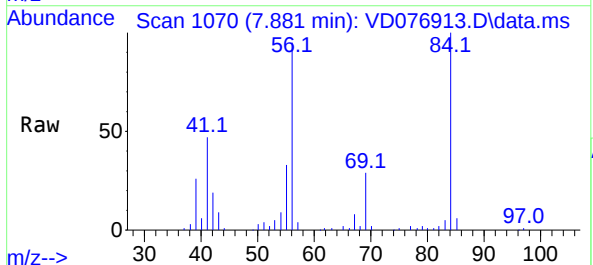
Instrument :
MSVOA_D
ClientSampleId :

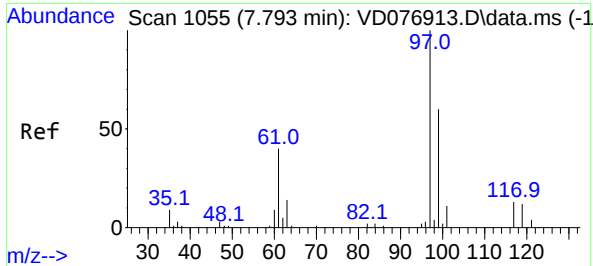
Tgt Ion: 62 Resp: 130611
Ion Ratio Lower Upper
62 100
98 11.6 8.7 13.1



#29
Cyclohexane
Concen: 22.026 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 56 Resp: 160494
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.0
84 101.4 66.3 99.5#



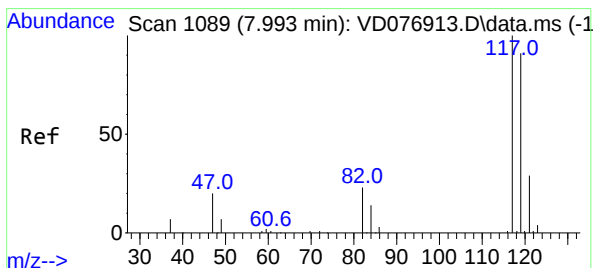
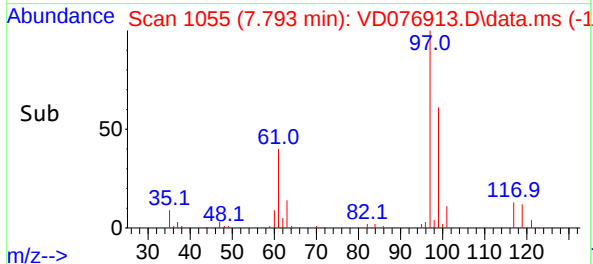
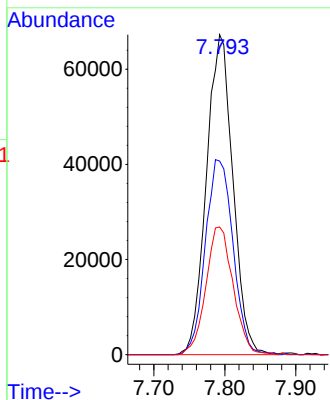
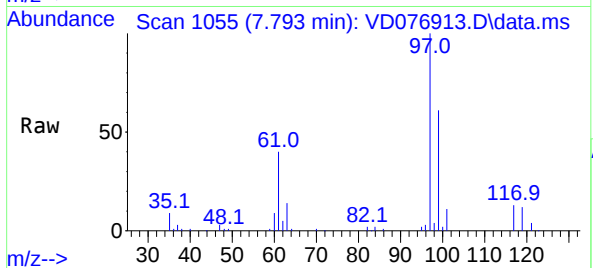


#30
 1,1,1-Trichloroethane
 Concen: 26.363 ug/L
 RT: 7.793 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 97 Resp: 174466

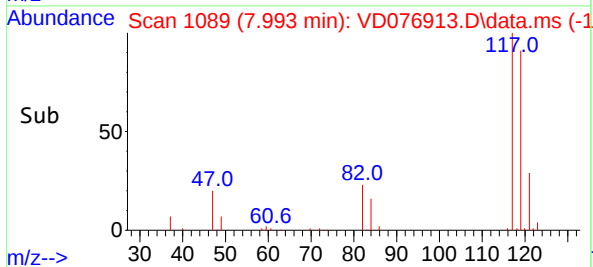
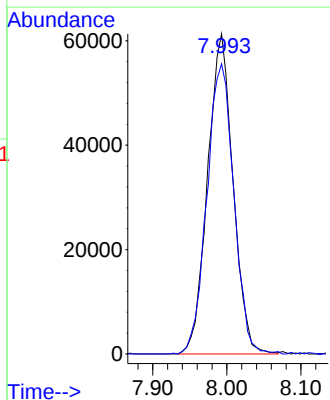
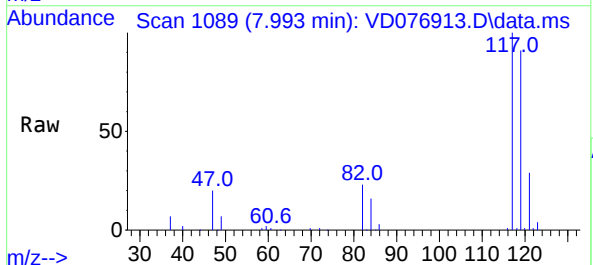
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	41.1	36.4	54.6

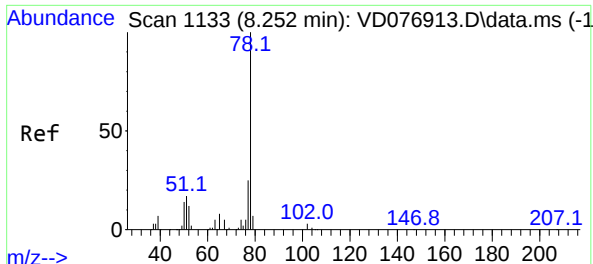


#31
 Carbon tetrachloride
 Concen: 27.300 ug/L
 RT: 7.993 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD076913.D
 Acq: 03 Aug 2023 11:01

Tgt Ion: 117 Resp: 146113

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.6

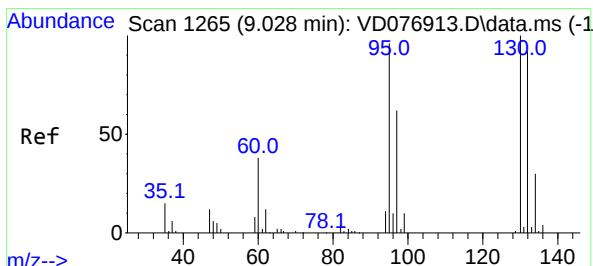
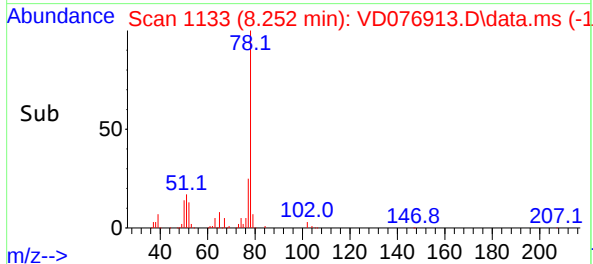
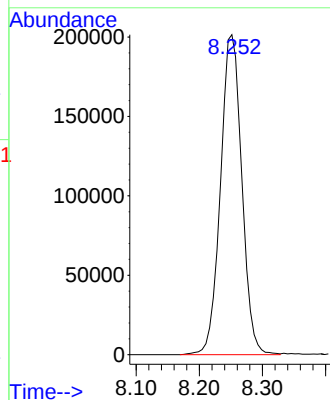
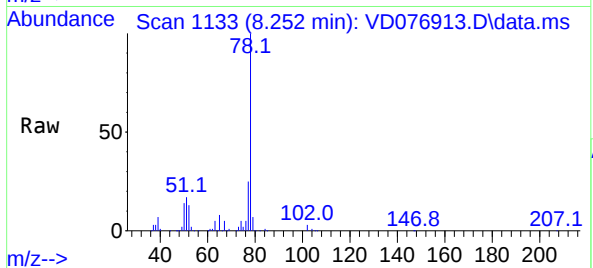




#33
Benzene
Concen: 25.403 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :

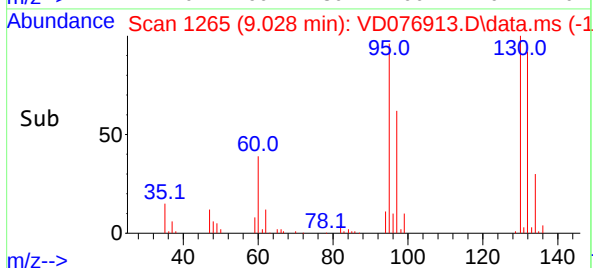
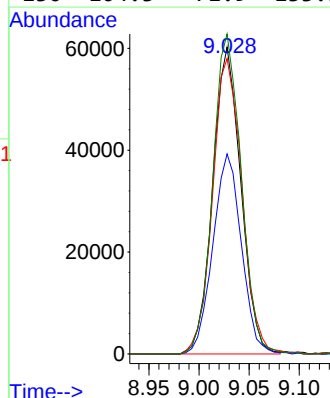
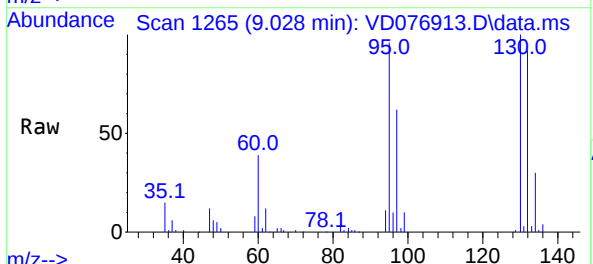
Tgt Ion: 78 Resp: 472824

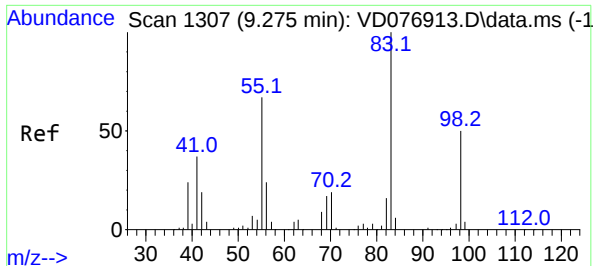


#34
Trichloroethene
Concen: 24.651 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 95 Resp: 117628

Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.1	80.1
132	96.2	71.8	133.4
130	104.3	71.9	133.5

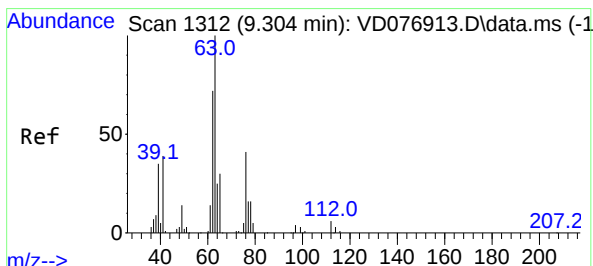
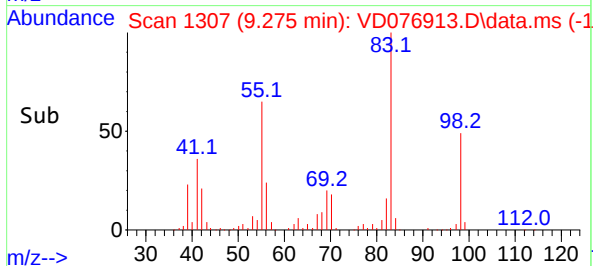
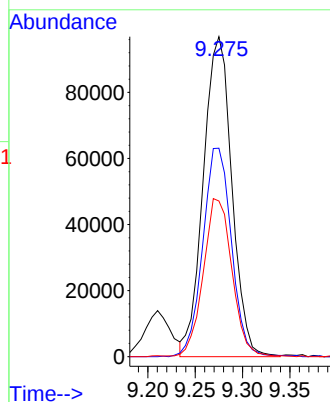
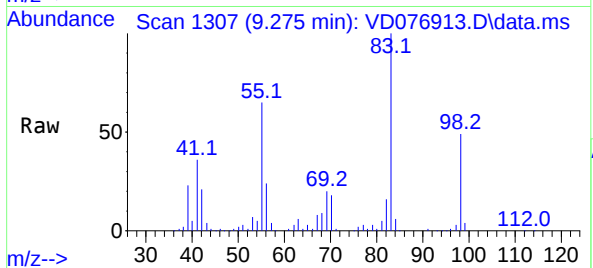




#35
Methylcyclohexane
Concen: 26.070 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

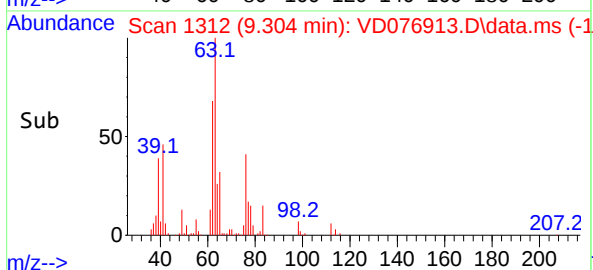
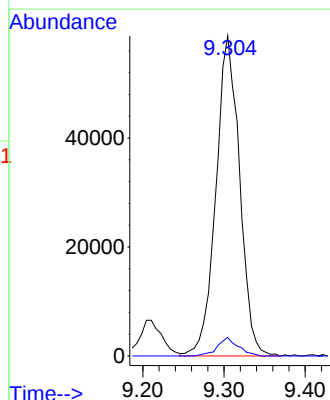
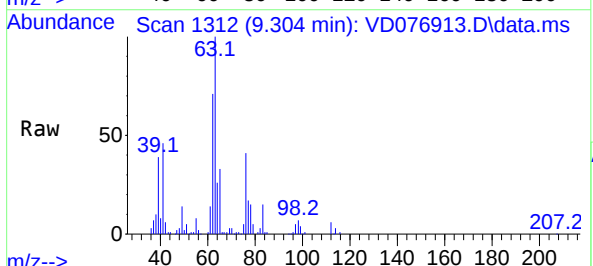
Instrument :
MSVOA_D
ClientSampleId :

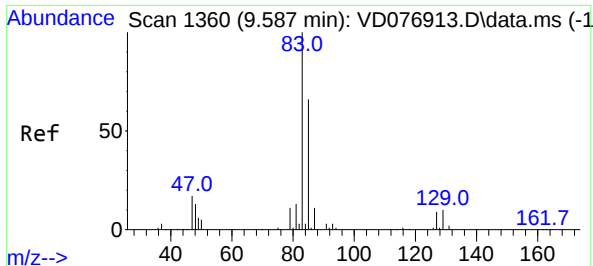
Tgt Ion: 83 Resp: 203047
Ion Ratio Lower Upper
83 100
55 65.4 59.8 89.6
98 49.5 37.8 56.6



#37
1,2-Dichloropropane
Concen: 23.604 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 63 Resp: 119107
Ion Ratio Lower Upper
63 100
112 5.1 3.1 4.7#

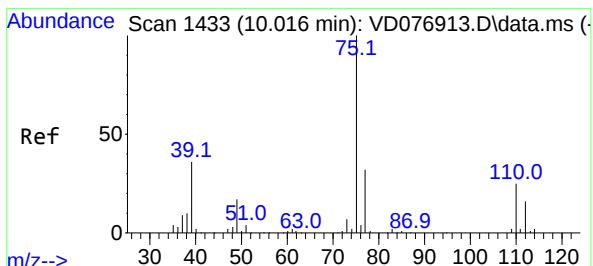
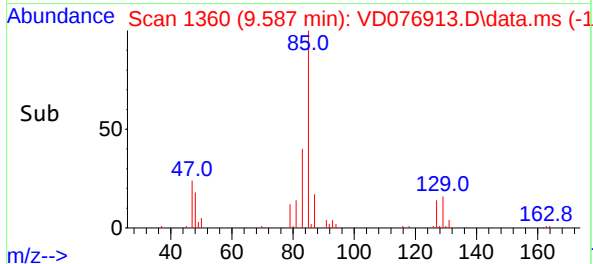
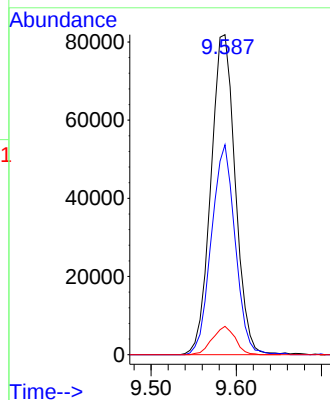
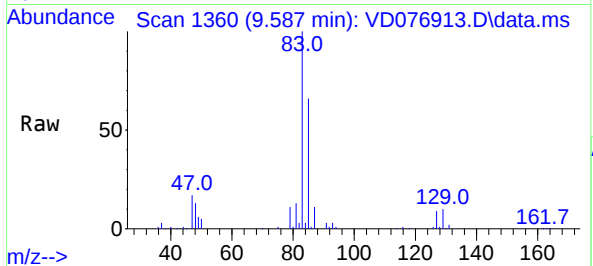




#38
Bromodichloromethane
Concen: 27.579 ug/L
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

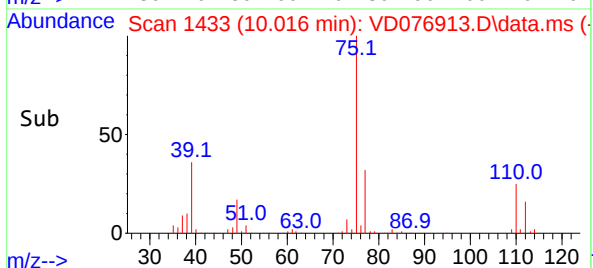
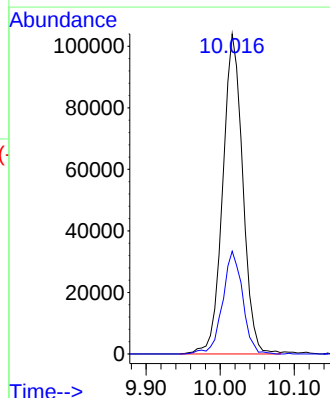
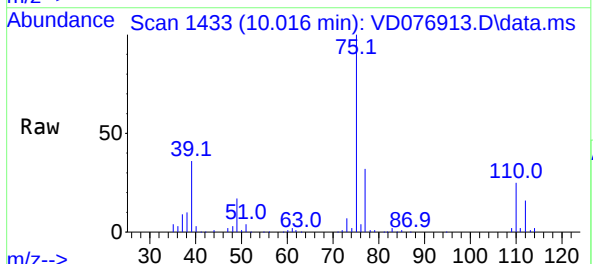
Instrument :
MSVOA_D
ClientSampleId :

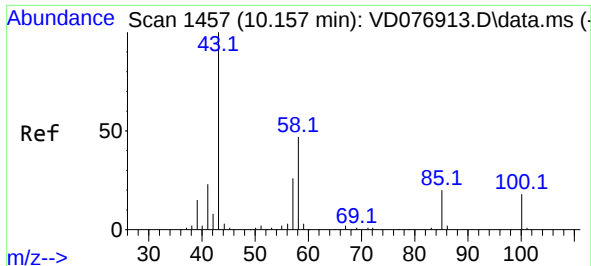
Tgt Ion: 83 Resp: 162438
Ion Ratio Lower Upper
83 100
85 65.6 43.9 81.5
127 8.8 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 25.138 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 75 Resp: 194956
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.3

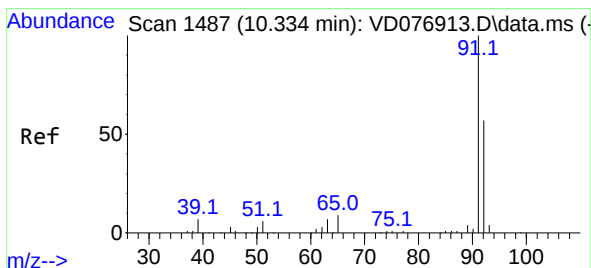
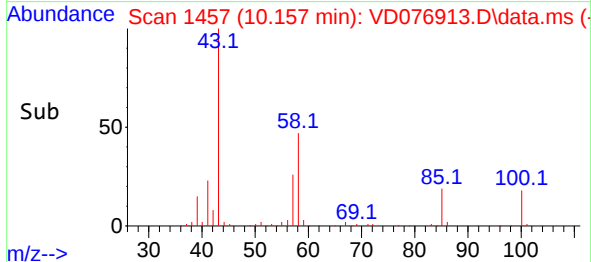
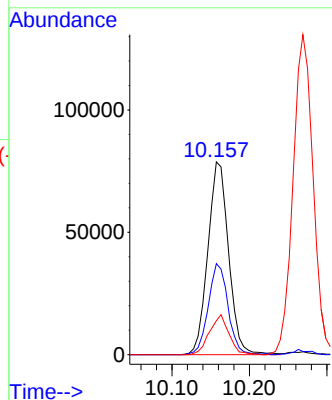
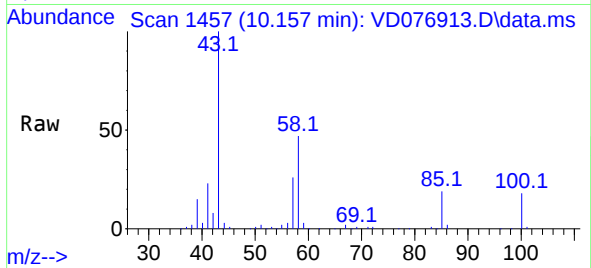




#40
4-Methyl-2-pentanone
Concen: 46.971 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

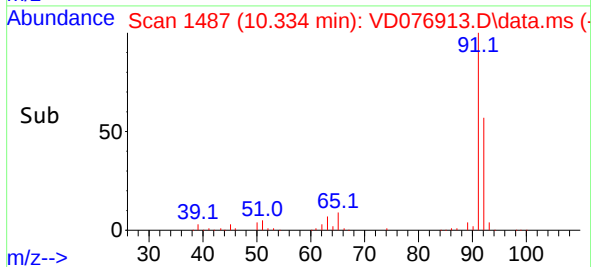
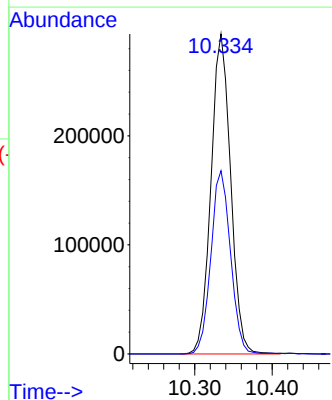
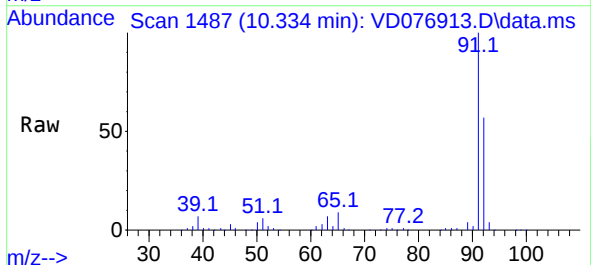
Instrument :
MSVOA_D
ClientSampleId :

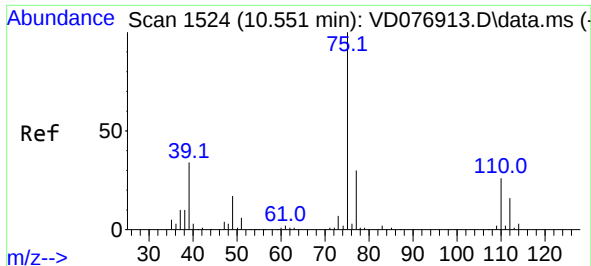
Tgt Ion: 43 Resp: 146675
Ion Ratio Lower Upper
43 100
58 44.8 30.7 46.1
100 19.4 11.0 16.4#



#42
Toluene
Concen: 25.804 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 91 Resp: 516691
Ion Ratio Lower Upper
91 100
92 57.3 39.3 73.1

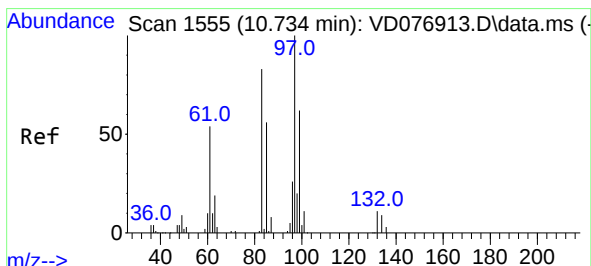
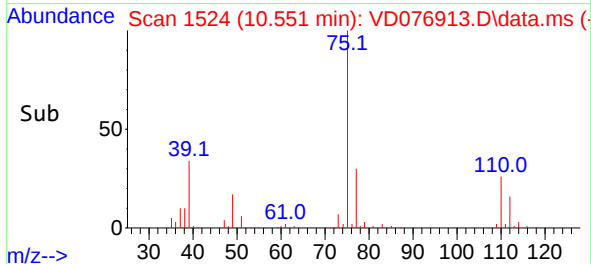
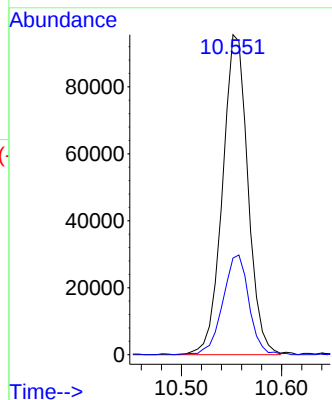
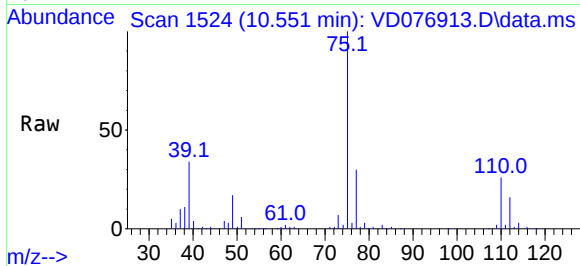




#44
trans-1,3-Dichloropropene
Concen: 26.430 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

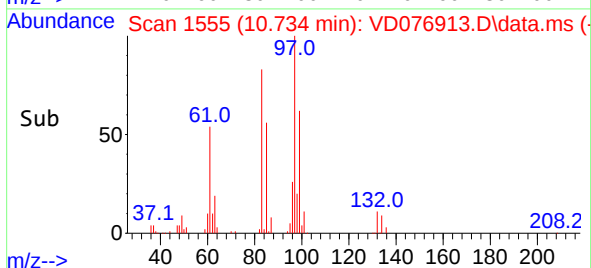
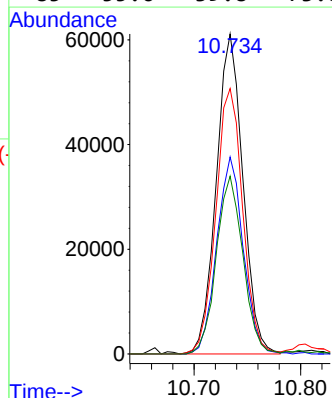
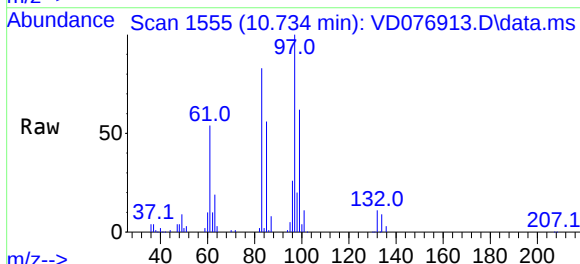
Instrument :
MSVOA_D
ClientSampleId :

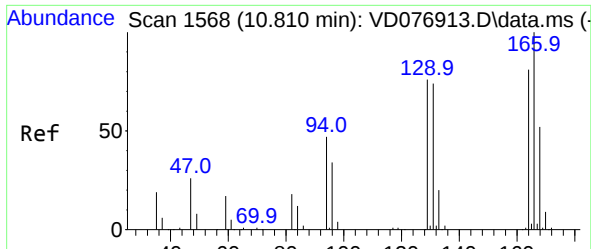
Tgt Ion: 75 Resp: 168277
Ion Ratio Lower Upper
75 100
77 30.2 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 29.217 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

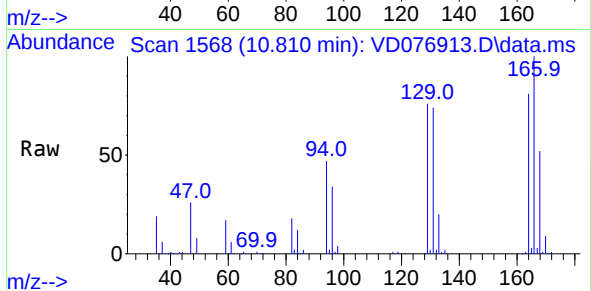
Tgt Ion: 97 Resp: 106075
Ion Ratio Lower Upper
97 100
99 61.6 41.9 77.9
83 82.9 59.2 110.0
85 55.6 39.8 73.8





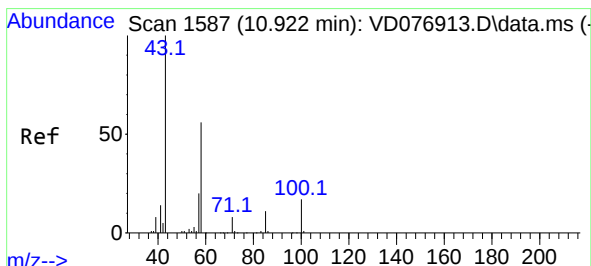
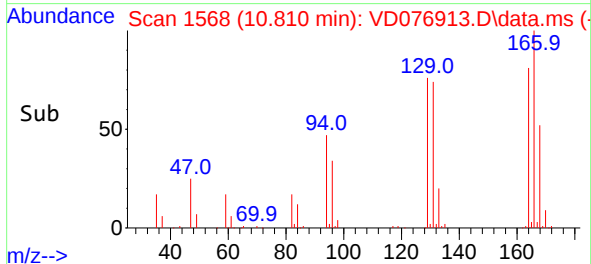
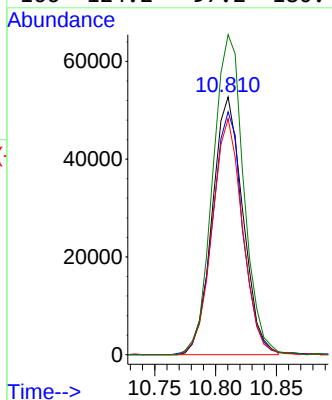
#46
Tetrachloroethene
Concen: 24.404 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:164 Resp: 92167

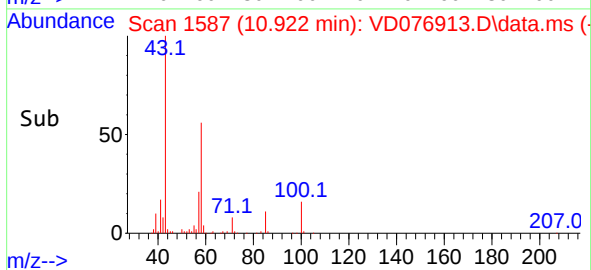
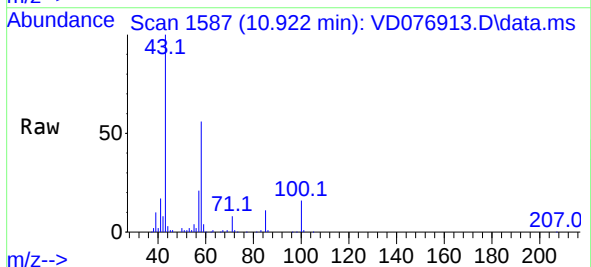
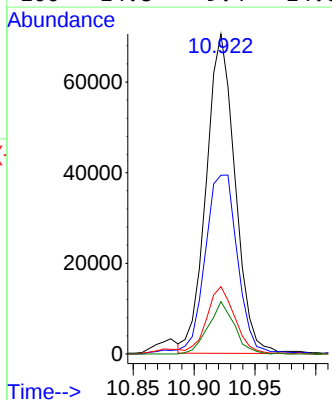
Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.5	121.6
131	91.6	64.8	120.3
166	124.2	97.2	180.4

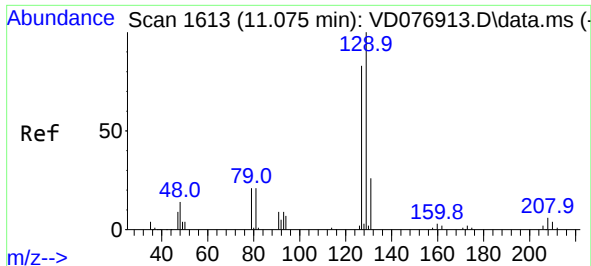


#48
2-Hexanone
Concen: 52.815 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 43 Resp: 116243

Ion	Ratio	Lower	Upper
43	100		
58	62.7	42.9	64.3
57	20.5	13.7	20.5
100	14.8	9.4	14.0





#49

Dibromochloromethane

Concen: 27.846 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD076913.D

Acq: 03 Aug 2023 11:01

Instrument :

MSVOA_D

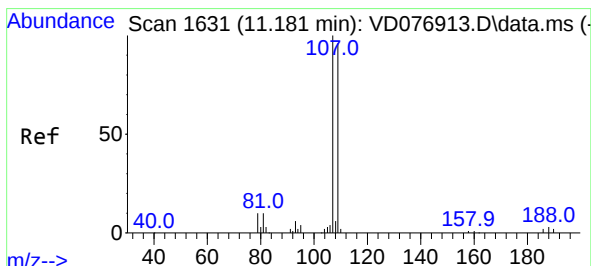
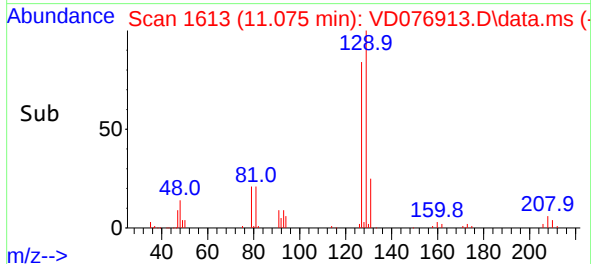
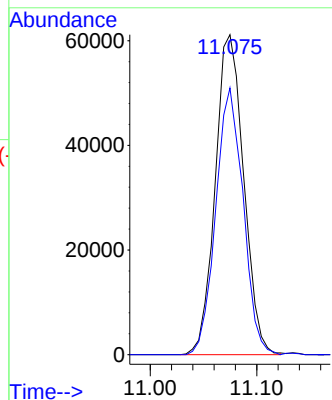
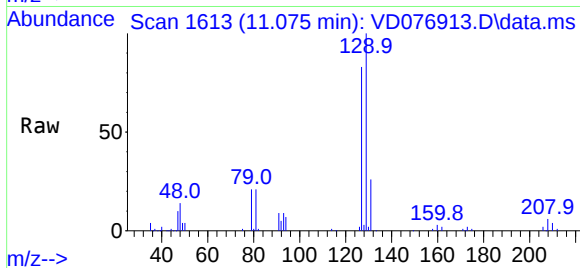
ClientSampleId :

Tgt Ion:129 Resp: 113374

Ion Ratio Lower Upper

129 100

127 83.4 55.2 102.6



#50

1,2-Dibromoethane

Concen: 29.185 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD076913.D

Acq: 03 Aug 2023 11:01

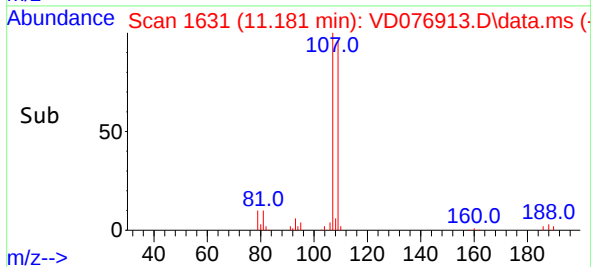
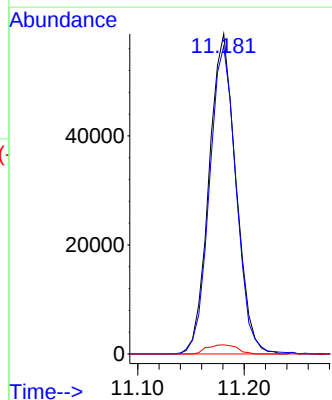
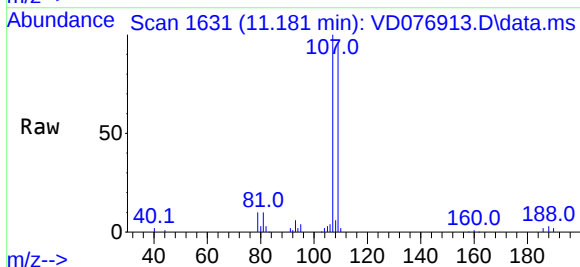
Tgt Ion:107 Resp: 102762

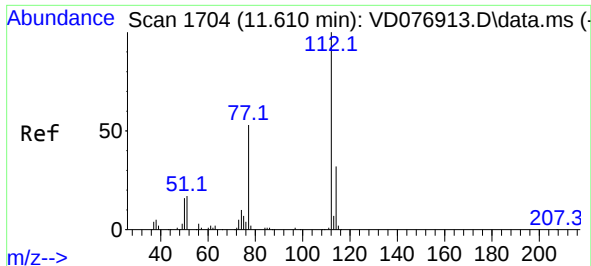
Ion Ratio Lower Upper

107 100

109 96.2 58.8 109.2

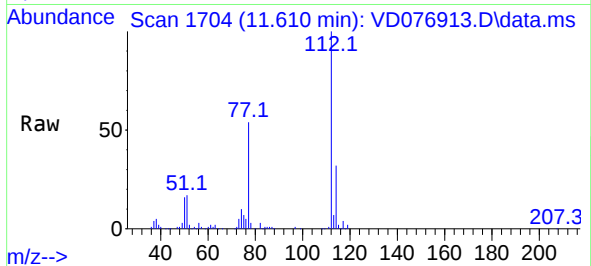
188 2.8 2.9 4.3#



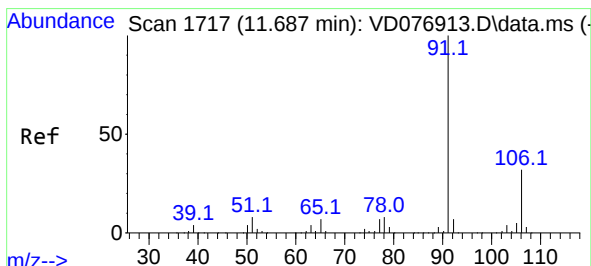
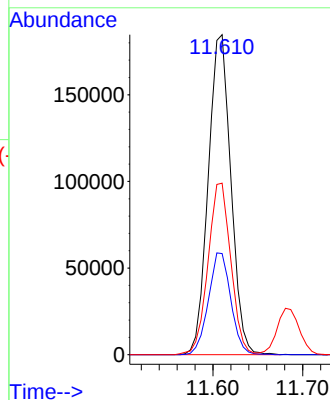
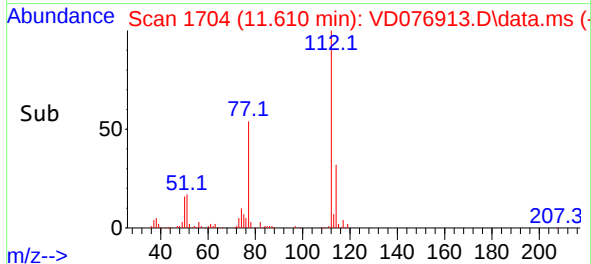


#51
Chlorobenzene
Concen: 25.906 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :

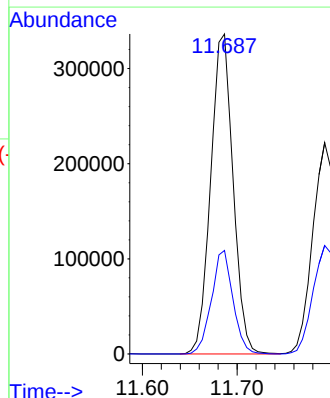
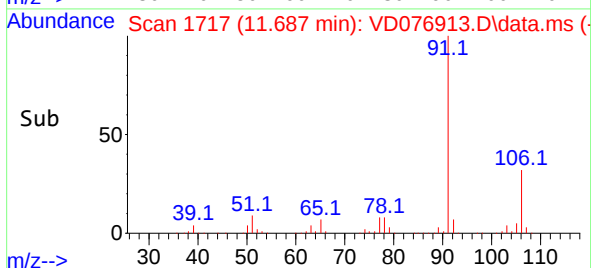
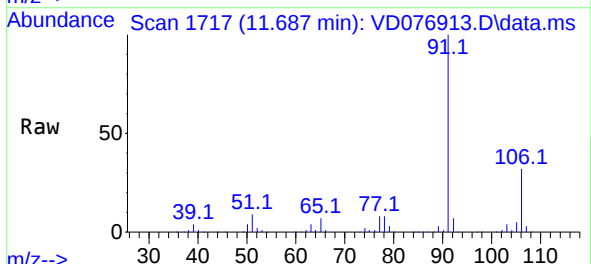


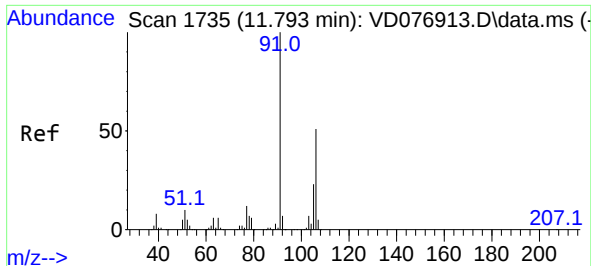
Tgt Ion:112 Resp: 324075
Ion Ratio Lower Upper
112 100
114 31.6 21.5 39.9
77 53.6 43.4 65.2



#52
Ethylbenzene
Concen: 25.668 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 91 Resp: 553778
Ion Ratio Lower Upper
91 100
106 32.3 22.4 41.6

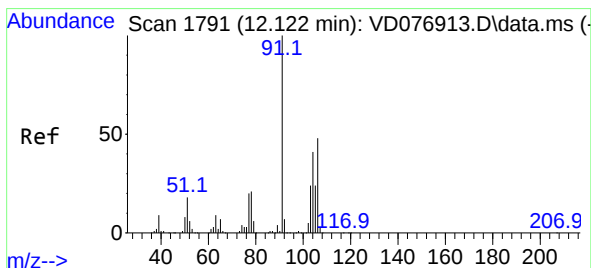
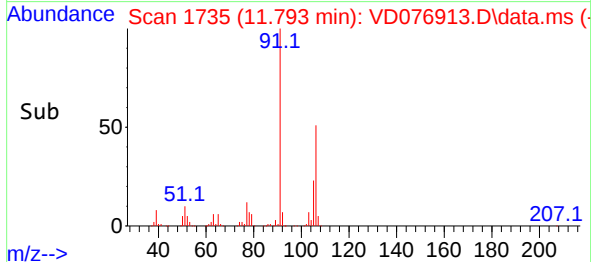
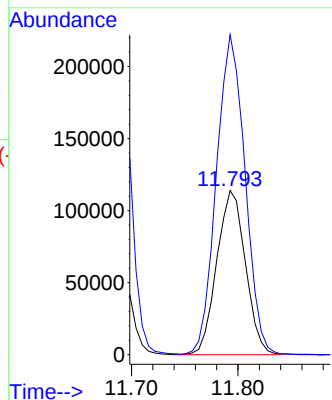
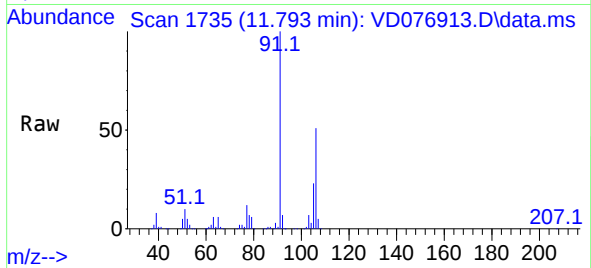




#53
m,p-Xylene
Concen: 25.096 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

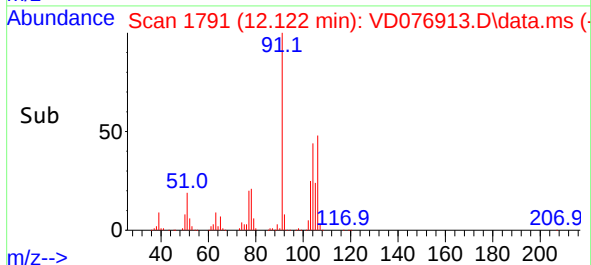
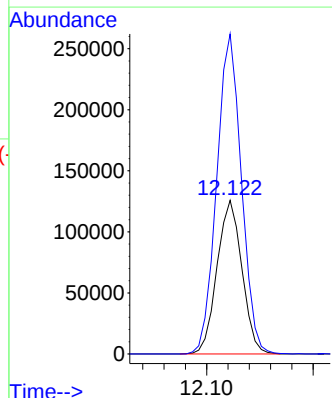
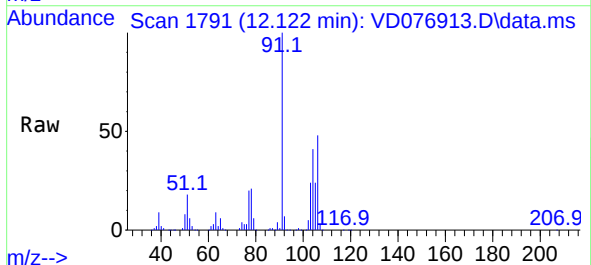
Instrument :
MSVOA_D
ClientSampleId :

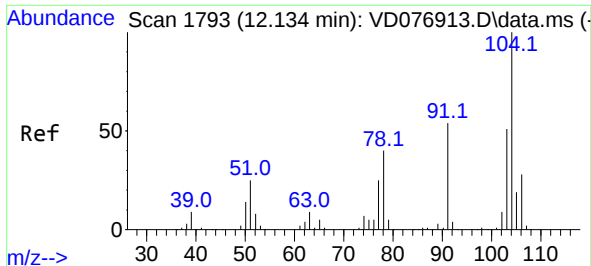
Tgt Ion:106 Resp: 212332
Ion Ratio Lower Upper
106 100
91 194.9 141.5 262.9



#54
o-Xylene
Concen: 25.315 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion:106 Resp: 203868
Ion Ratio Lower Upper
106 100
91 208.3 142.2 264.2

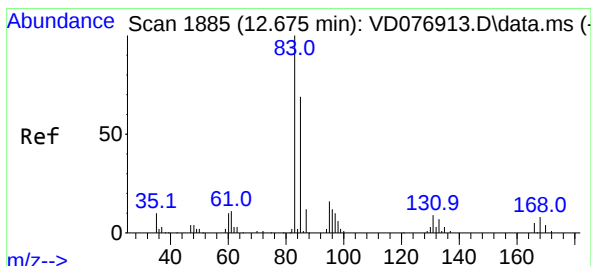
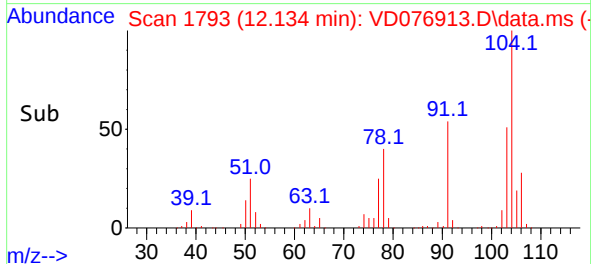
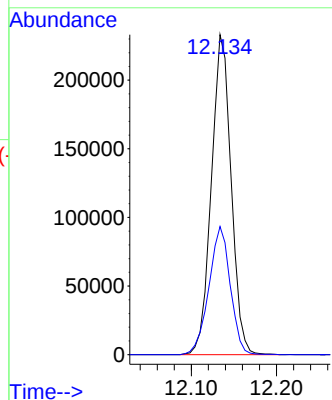
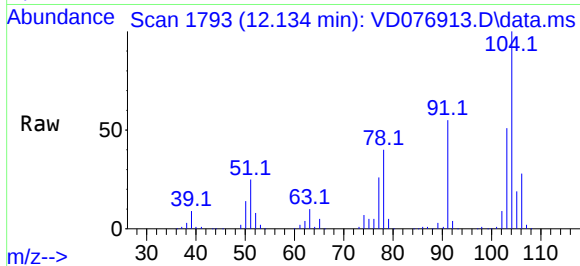




#55
Styrene
Concen: 26.696 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

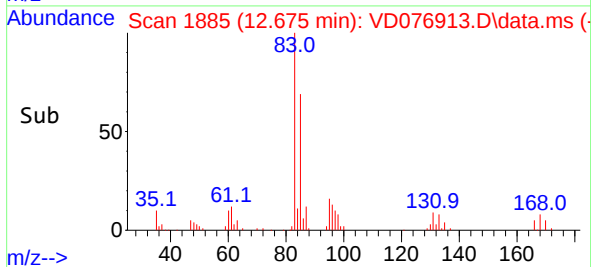
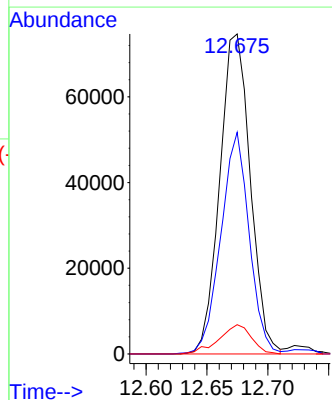
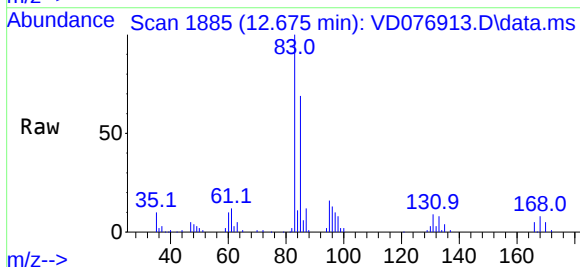
Instrument :
MSVOA_D
ClientSampleId :

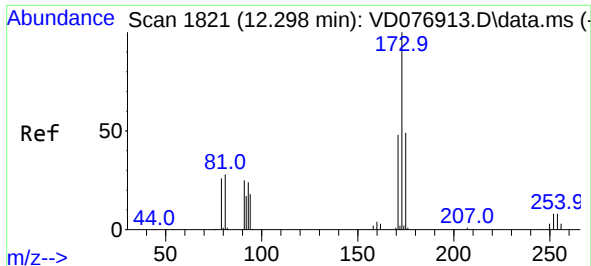
Tgt Ion:104 Resp: 376003
Ion Ratio Lower Upper
104 100
78 40.0 31.3 58.1



#57
1,1,2,2-Tetrachloroethane
Concen: 30.846 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

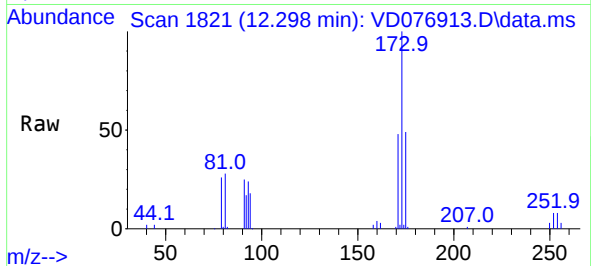
Tgt Ion: 83 Resp: 130445
Ion Ratio Lower Upper
83 100
85 69.2 46.3 86.1
131 9.1 7.0 10.4



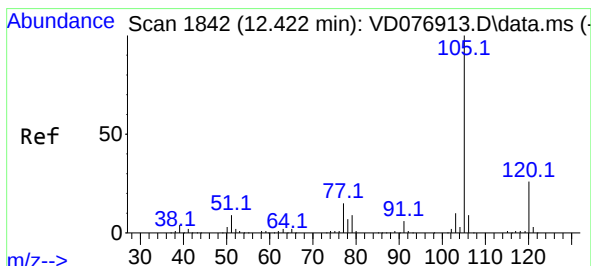
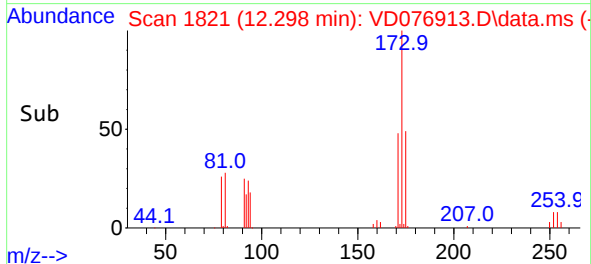
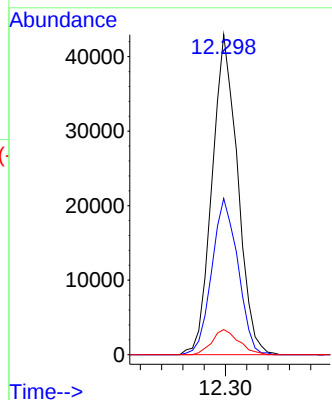


#59
Bromoform
Concen: 27.023 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :

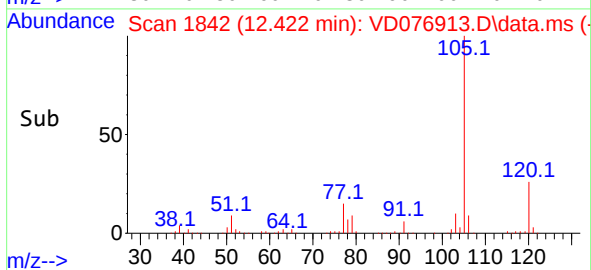
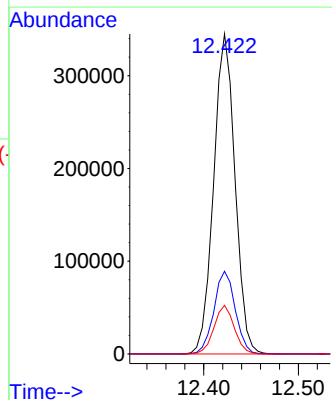
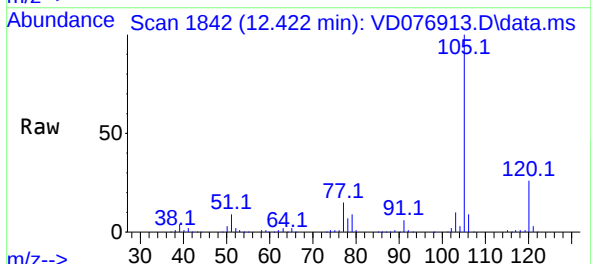


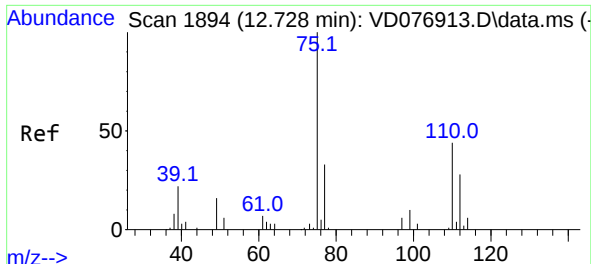
Tgt Ion:173 Resp: 71597
Ion Ratio Lower Upper
173 100
175 49.8 39.0 58.4
254 8.2 5.3 7.9#



#60
Isopropylbenzene
Concen: 24.457 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion:105 Resp: 539794
Ion Ratio Lower Upper
105 100
120 25.9 21.3 31.9
77 14.5 12.2 18.4

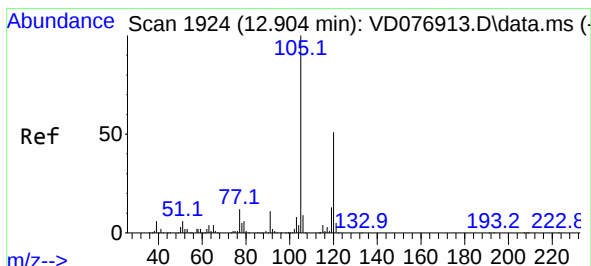
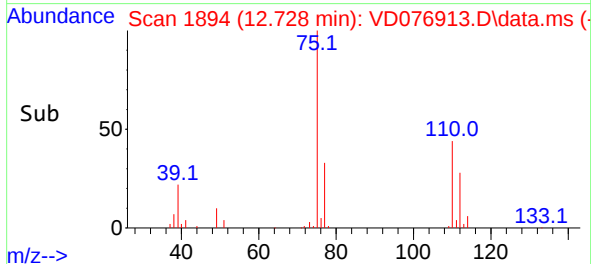
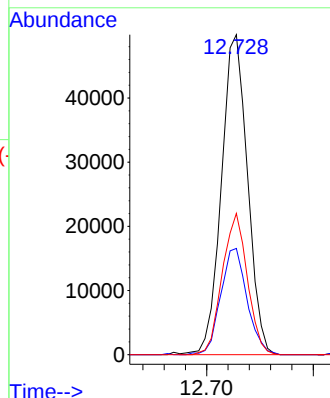
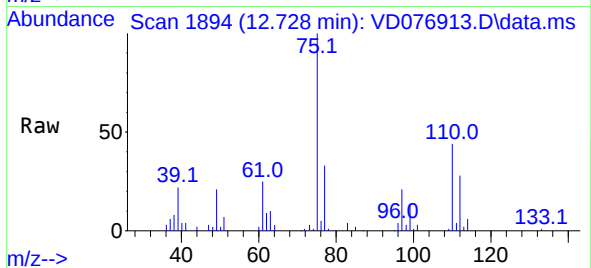




#61
1,2,3-Trichloropropane
Concen: 28.972 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

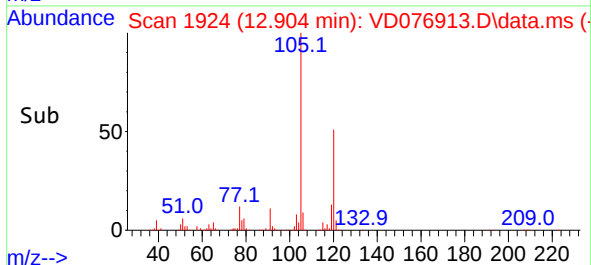
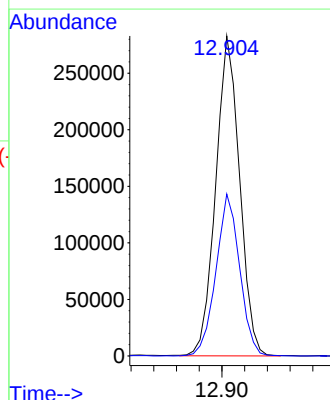
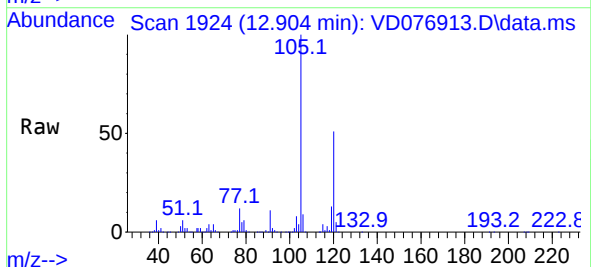
Instrument :
MSVOA_D
ClientSampleId :

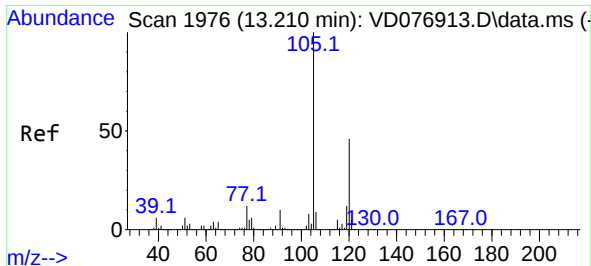
Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	27.2	40.8
110	42.4	31.8	47.6



#62
1,3,5-Trimethylbenzene
Concen: 23.645 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.2	39.8	59.6

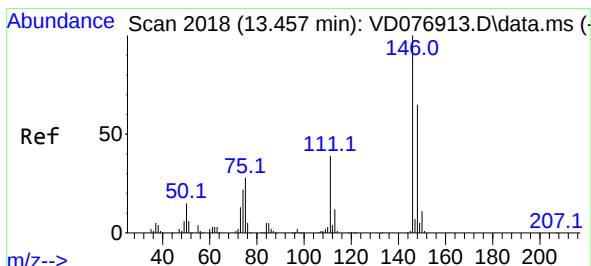
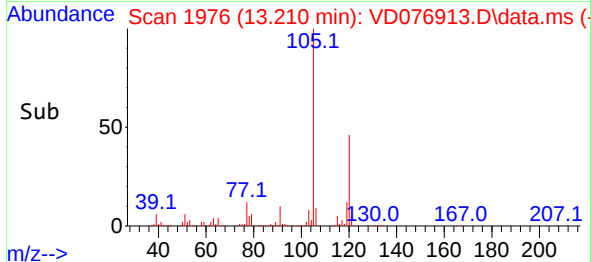
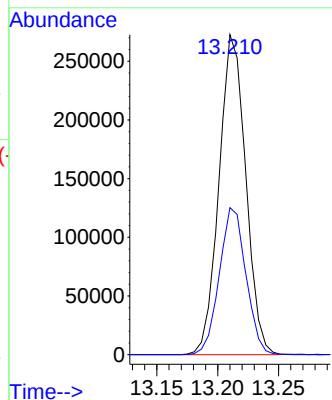
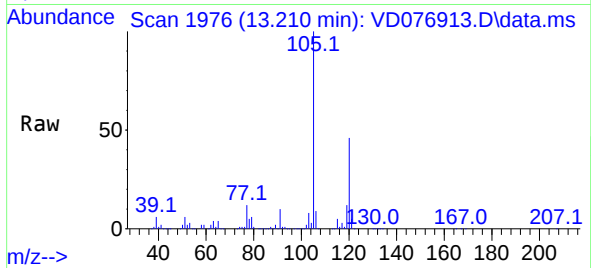




#63
1,2,4-Trimethylbenzene
Concen: 23.979 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

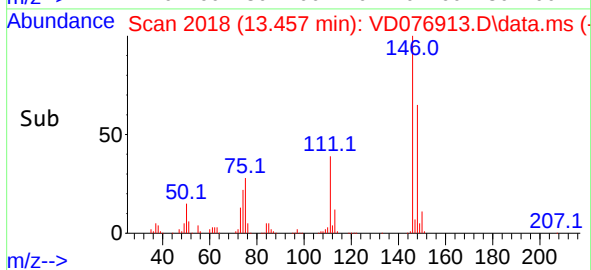
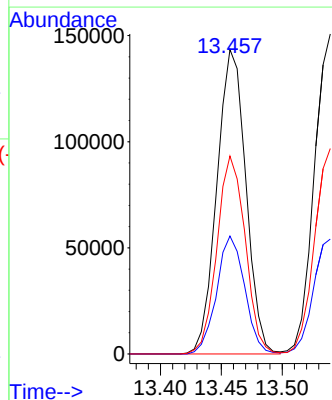
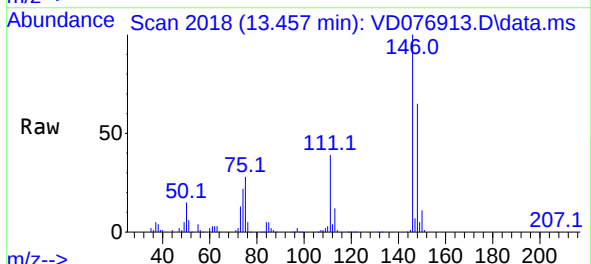
Instrument :
MSVOA_D
ClientSampleId :

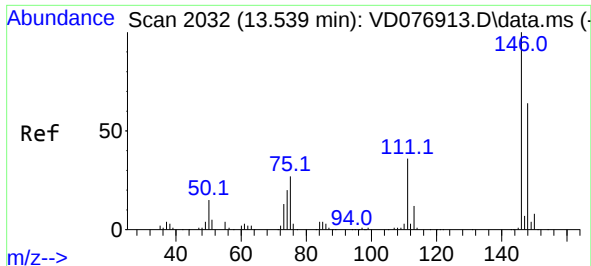
Tgt Ion:105 Resp: 416496
Ion Ratio Lower Upper
105 100
120 45.7 37.5 56.3



#64
1,3-Dichlorobenzene
Concen: 24.309 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion:146 Resp: 237865
Ion Ratio Lower Upper
146 100
111 38.7 25.6 47.4
148 65.0 44.3 82.3

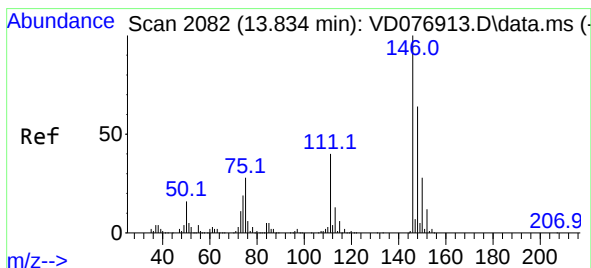
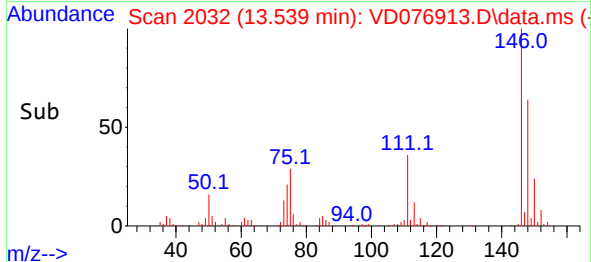
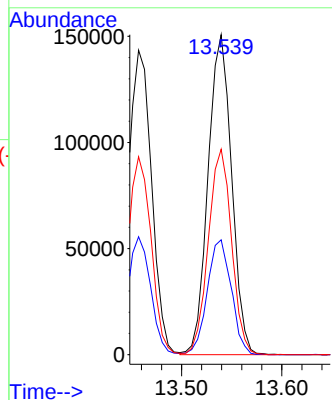
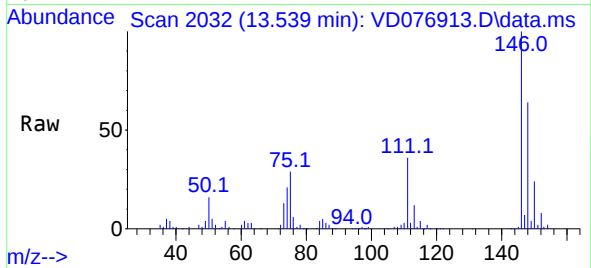




#65
1,4-Dichlorobenzene
Concen: 24.751 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

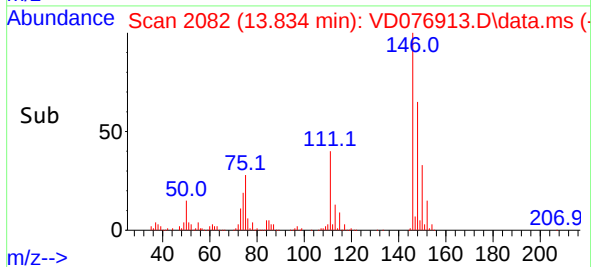
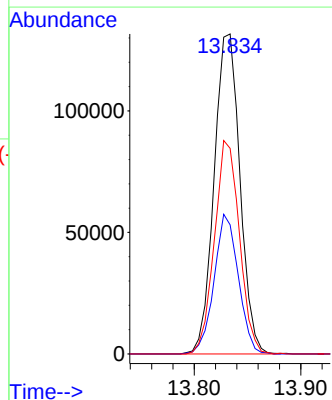
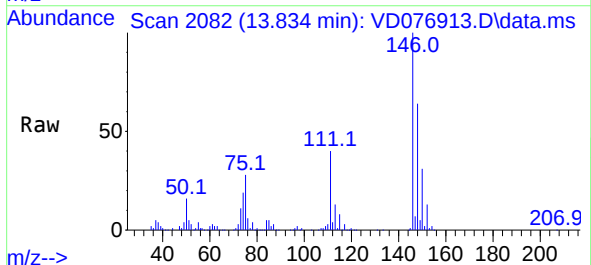
Instrument :
MSVOA_D
ClientSampleId :

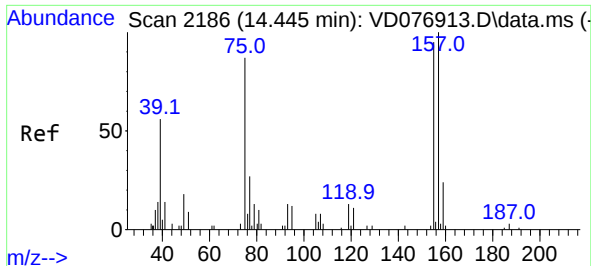
Tgt Ion:146 Resp: 246392
Ion Ratio Lower Upper
146 100
111 35.9 25.7 47.7
148 64.2 45.4 84.2



#67
1,2-Dichlorobenzene
Concen: 25.110 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion:146 Resp: 221550
Ion Ratio Lower Upper
146 100
111 40.4 31.3 46.9
148 64.3 51.7 77.5

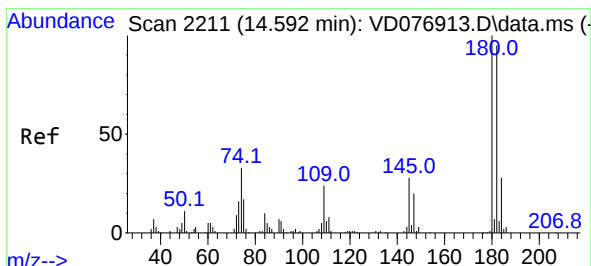
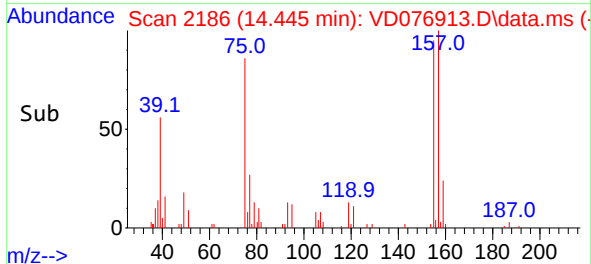
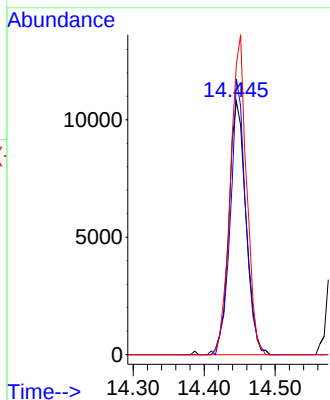
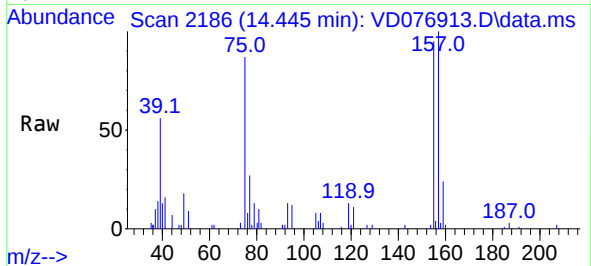




#68
1,2-Dibromo-3-chloropropane
Concen: 27.999 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

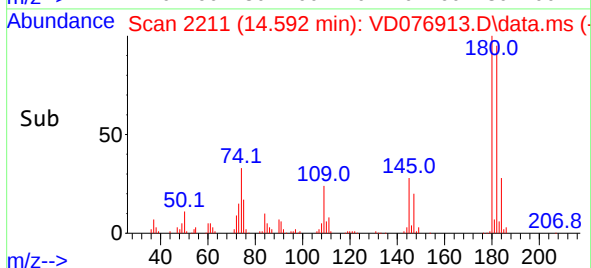
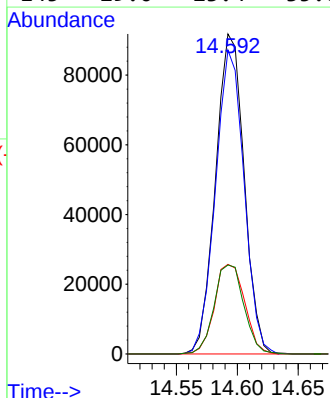
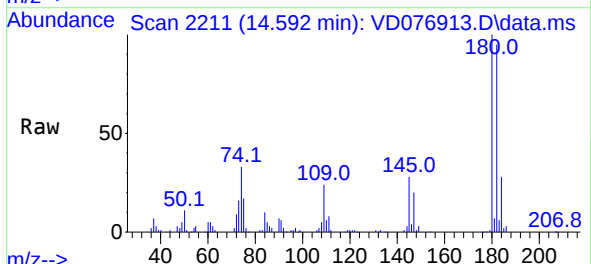
Instrument :
MSVOA_D
ClientSampleId :

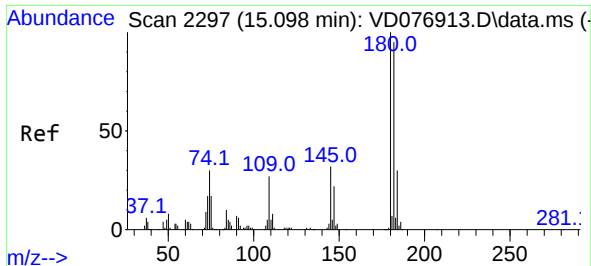
Tgt Ion: 75	Resp: 18065
Ion Ratio	Lower Upper
75	100
155	108.9 76.2 114.4
157	114.9 89.4 134.2



#69
1,3,5-Trichlorobenzene
Concen: 23.111 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion: 180	Resp: 149628
Ion Ratio	Lower Upper
180	100
182	94.8 77.1 115.7
184	29.7 25.0 37.4
145	29.0 23.4 35.0

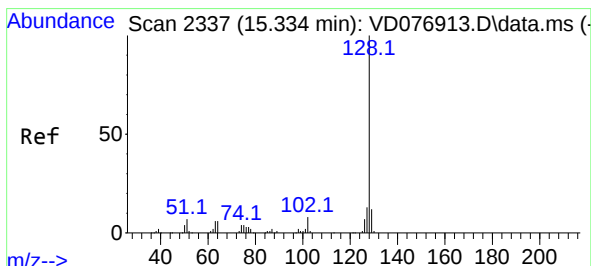
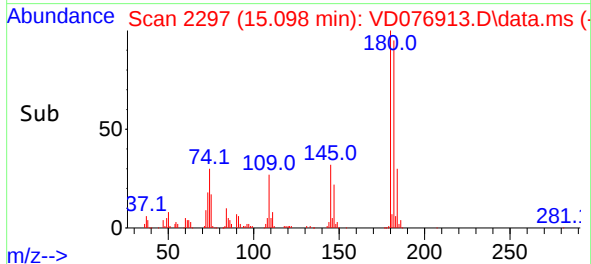
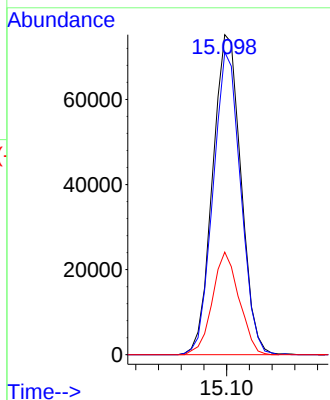
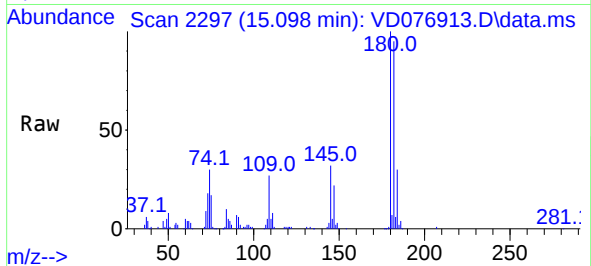




#70
1,2,4-trichlorobenzene
Concen: 22.655 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

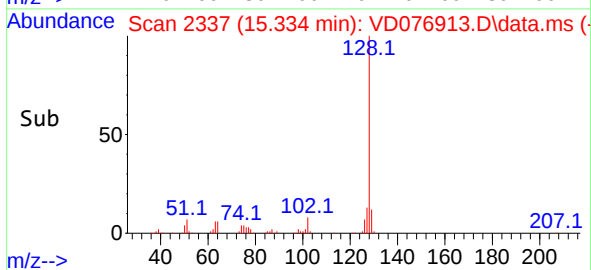
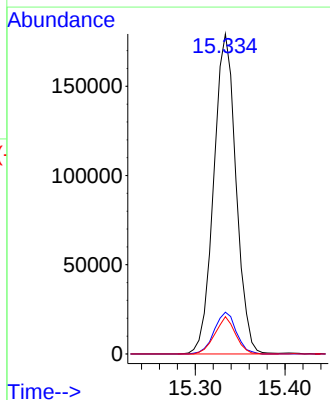
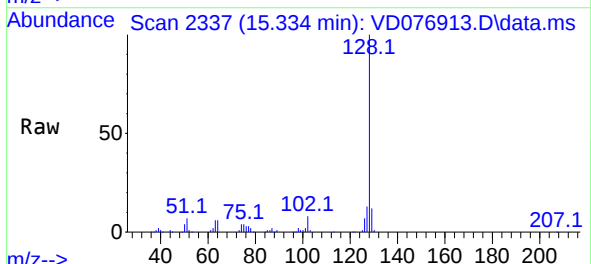
Instrument :
MSVOA_D
ClientSampleId :

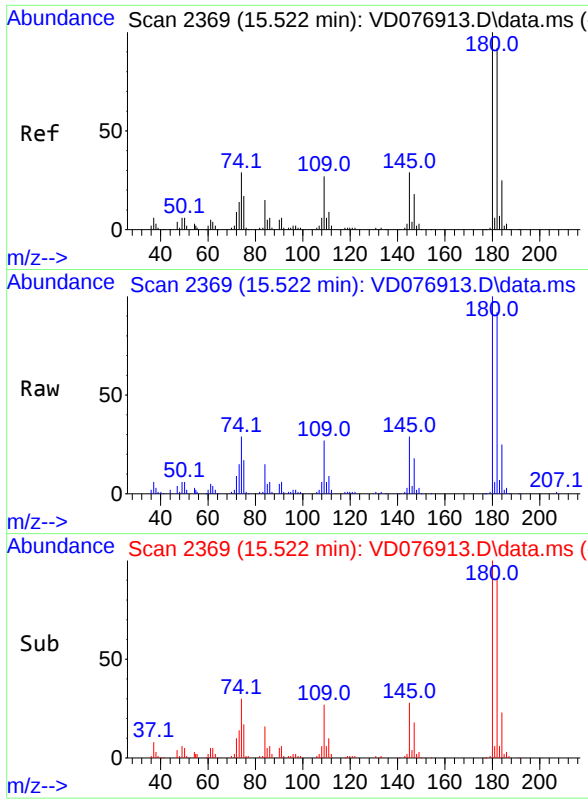
Tgt Ion:180 Resp: 130329
Ion Ratio Lower Upper
180 100
182 91.9 76.9 115.3
145 30.2 23.5 35.3



#71
Naphthalene
Concen: 26.939 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Tgt Ion:128 Resp: 309146
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.7 8.6 12.8





#72
1,2,3-Trichlorobenzene
Concen: 23.958 ug/L
RT: 15.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076913.D
Acq: 03 Aug 2023 11:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 121137
Ion Ratio Lower Upper
180 100
182 94.7 74.3 111.5
145 31.1 25.0 37.6

