

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077949.D
 Acq On : 18 Dec 2023 16:05
 Operator : RP/MD
 Sample : 05808-10
 Misc : 5.32G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:18:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

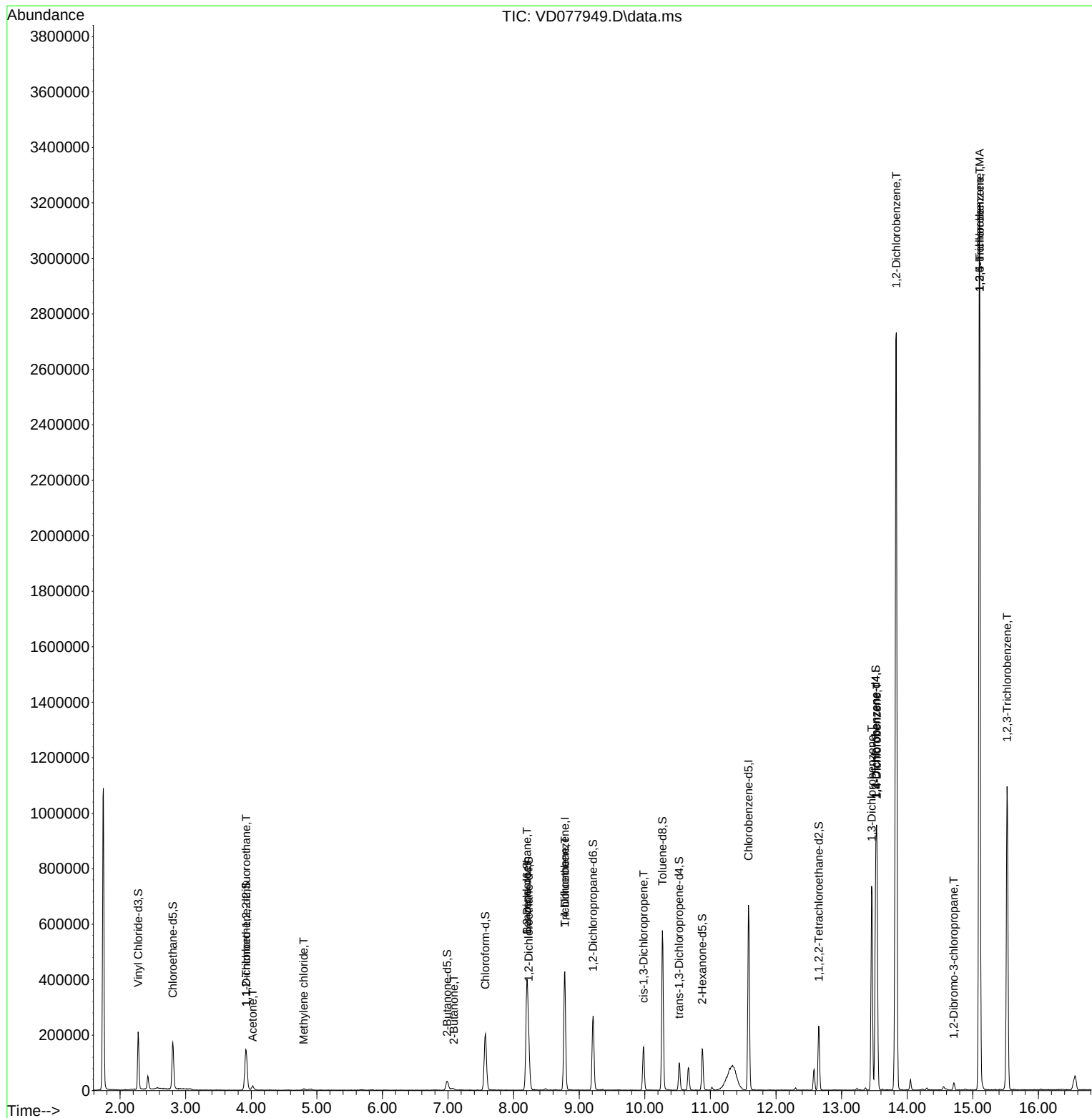
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	392029	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	394647	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	191295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	191854	17.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.800%		
7) Chloroethane-d5	2.805	69	180523	21.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.720%		
11) 1,1-Dichloroethene-d2	3.922	65	43281	15.614	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.440%		
21) 2-Butanone-d5	6.987	46	56780	42.023	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.040%		
24) Chloroform-d	7.569	84	215831	20.427	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.720%		
26) 1,2-Dichloroethane-d4	8.228	65	113178	21.142	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.560%		
32) Benzene-d6	8.205	84	436970	18.385	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.520%		
36) 1,2-Dichloropropane-d6	9.210	67	136033	18.758	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.040%		
41) Toluene-d8	10.269	98	396510	18.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.480%		
43) trans-1,3-Dichloroprop...	10.522	79	58785	18.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.320%		
47) 2-Hexanone-d5	10.875	63	56008	44.819	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.640%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118574	22.626	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.520%		
66) 1,2-Dichlorobenzene-d4	13.522	152	191295	27.953	ug/L	-0.29
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.922	101	1217	0.216	ug/L #	21
13) Acetone	4.022	43	22763	13.149	ug/L	99
16) Methylene chloride	4.799	84	3409	0.490	ug/L	96
22) 2-Butanone	7.087	43	3517	1.805	ug/L	98
27) 1,2-Dichloroethane	8.205	62	2109	0.327	ug/L #	72
34) Trichloroethene	8.781	95	10768	1.689	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	4238	0.405	ug/L #	75
64) 1,3-Dichlorobenzene	13.457	146	312165	25.280	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	323788	25.270	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	1057348	95.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.710	75	4639	5.591	ug/L #	1
69) 1,3,5-Trichlorobenzene	15.104	180	1012253	120.387	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	1012253	141.810	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	376743	60.206	ug/L	98

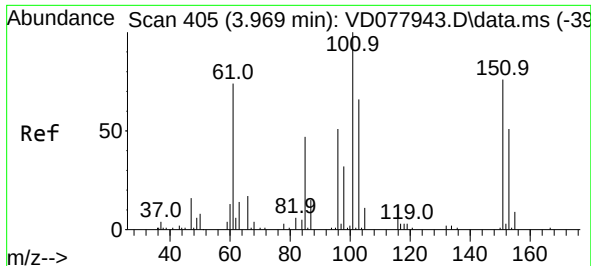
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 23:18:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration

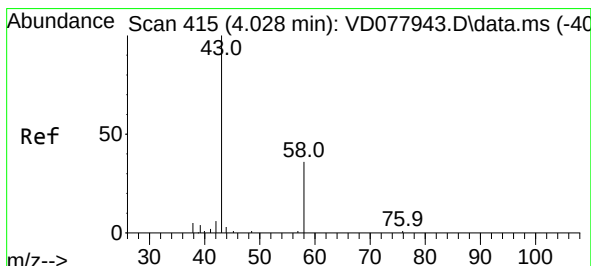
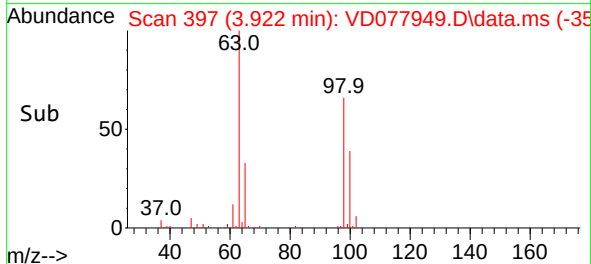
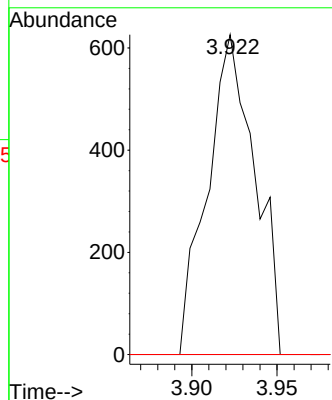
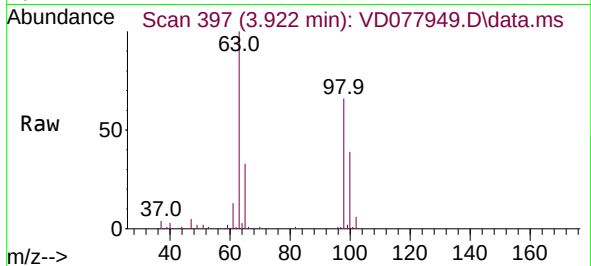




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.216 ug/L
 RT: 3.922 min Scan# 397
 Delta R.T. -0.047 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

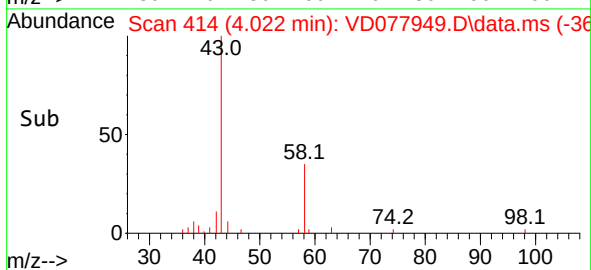
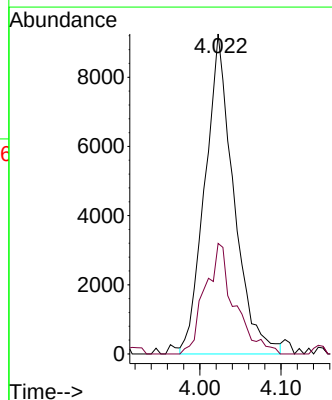
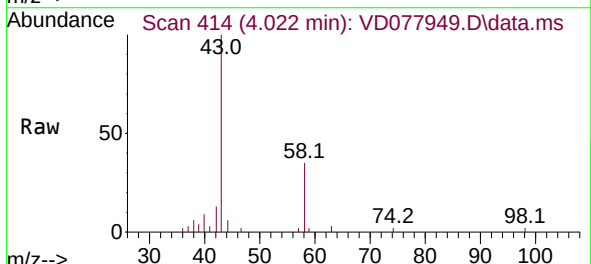
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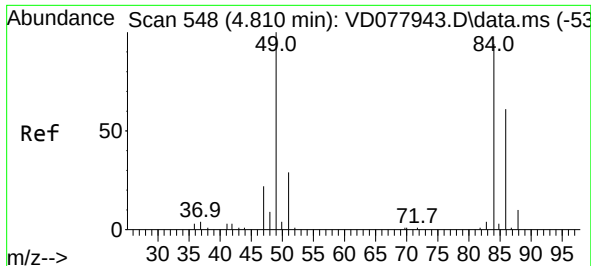
Tgt Ion:101 Resp: 1217
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 57.0 85.6#



#13
 Acetone
 Concen: 13.149 ug/L
 RT: 4.022 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

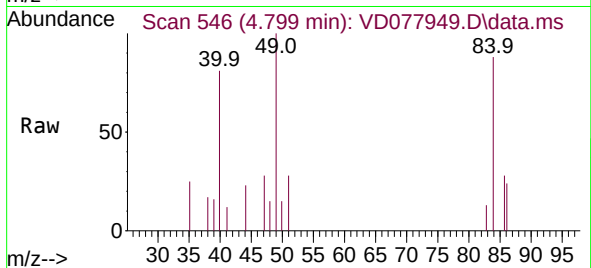
Tgt Ion: 43 Resp: 22763
 Ion Ratio Lower Upper
 43 100
 58 33.9 0.0 67.2



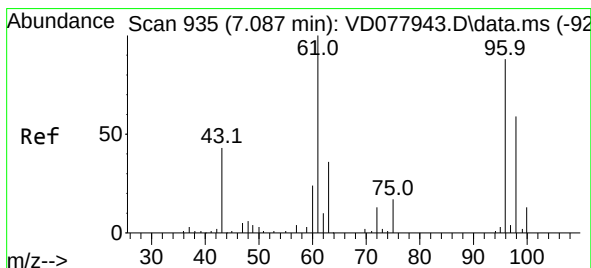
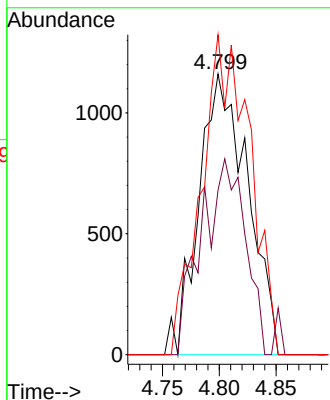
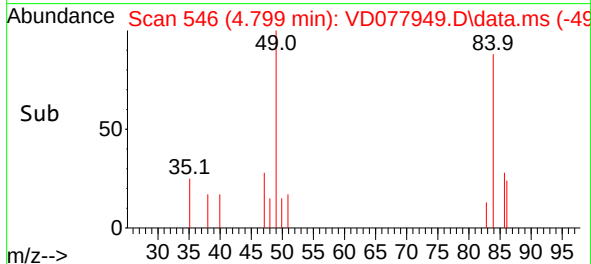


#16
Methylene chloride
Concen: 0.490 ug/L
RT: 4.799 min Scan# 548
Delta R.T. -0.012 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

Instrument :
MSVOA_D
ClientSampleId :

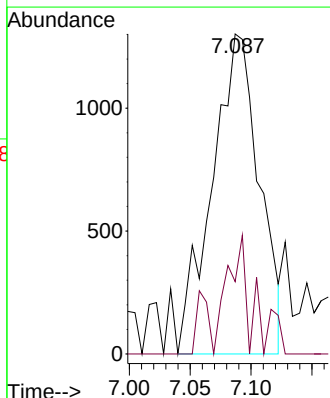
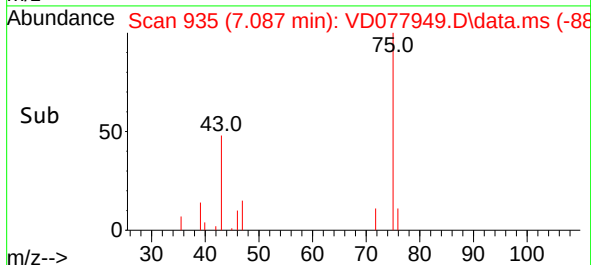
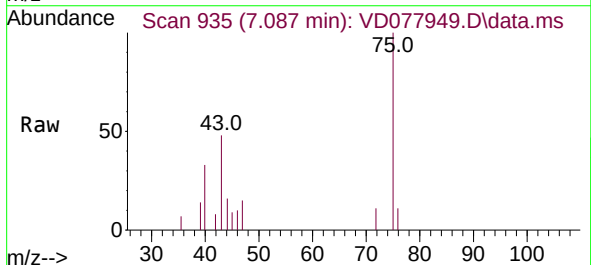


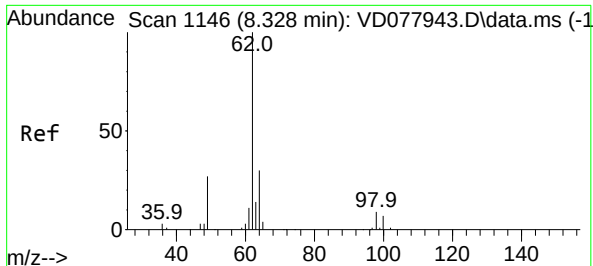
Tgt Ion: 84 Resp: 3409
Ion Ratio Lower Upper
84 100
86 58.7 40.1 74.5
49 114.0 83.2 154.6



#22
2-Butanone
Concen: 1.805 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

Tgt Ion: 43 Resp: 3517
Ion Ratio Lower Upper
43 100
72 13.6 7.2 21.6

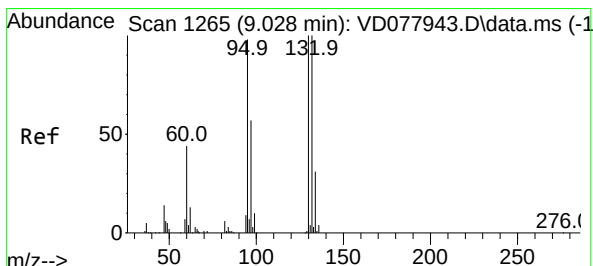
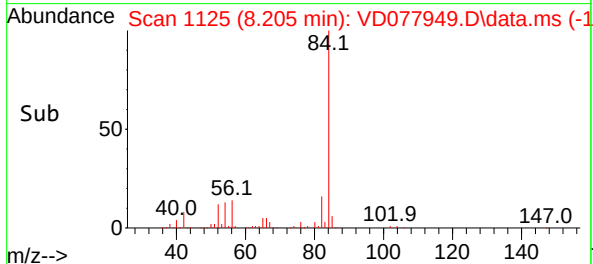
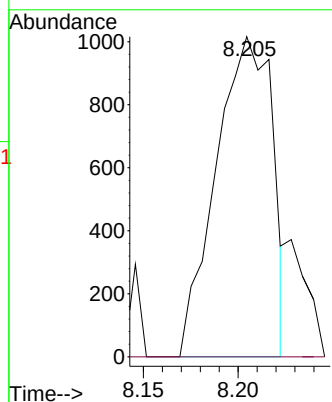
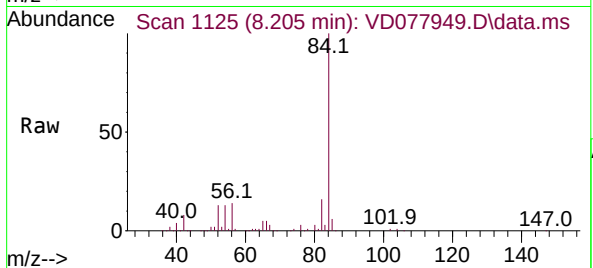




#27
1,2-Dichloroethane
Concen: 0.327 ug/L
RT: 8.205 min Scan# 1146
Delta R.T. -0.123 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

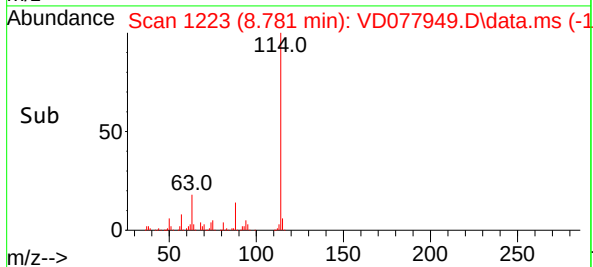
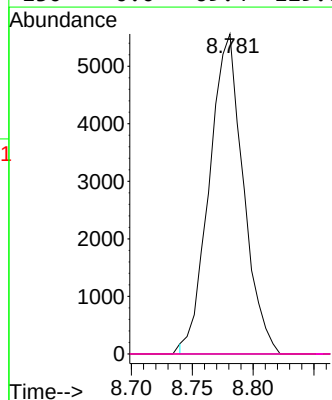
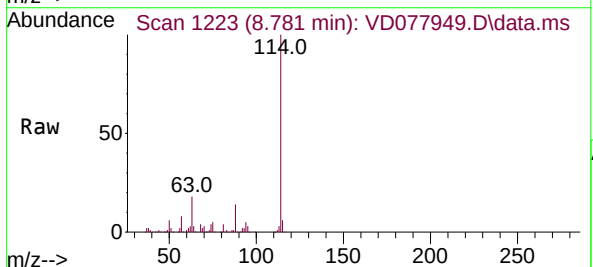
Instrument :
MSVOA_D
ClientSampleId :

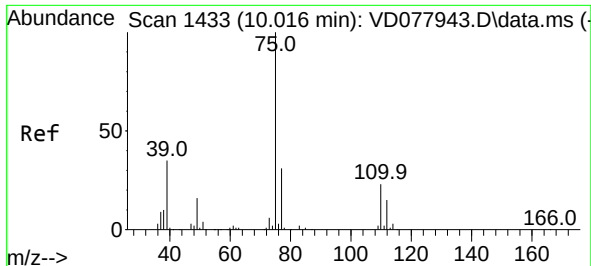
Tgt Ion: 62 Resp: 2109
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#34
Trichloroethene
Concen: 1.689 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

Tgt Ion: 95 Resp: 10768
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#

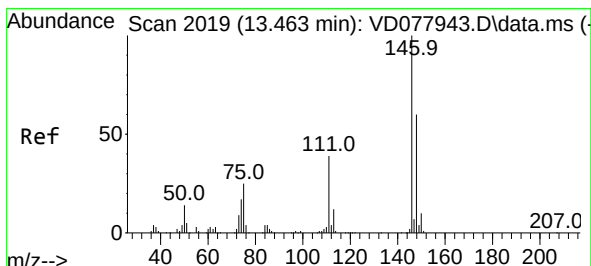
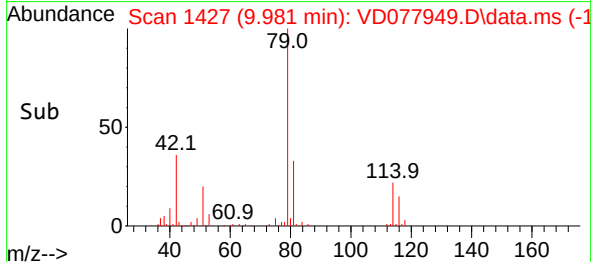
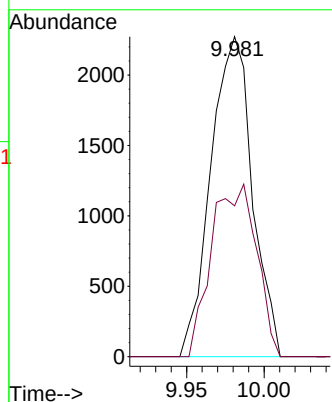
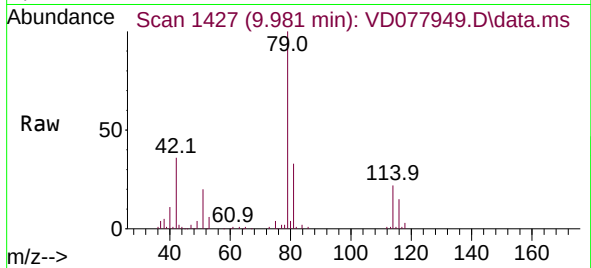




#39
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/L
 RT: 9.981 min Scan# 1433
 Delta R.T. -0.035 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

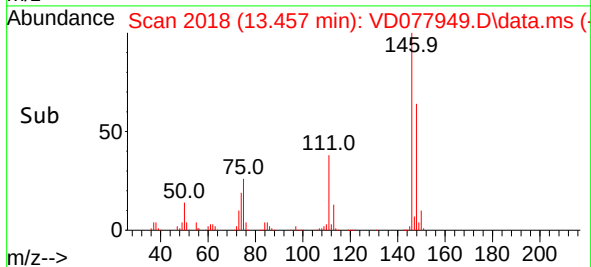
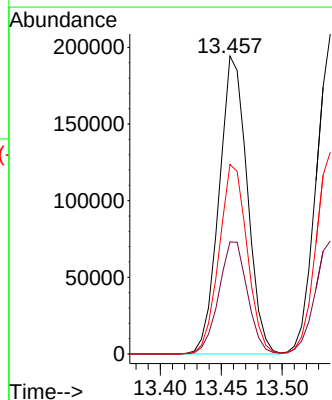
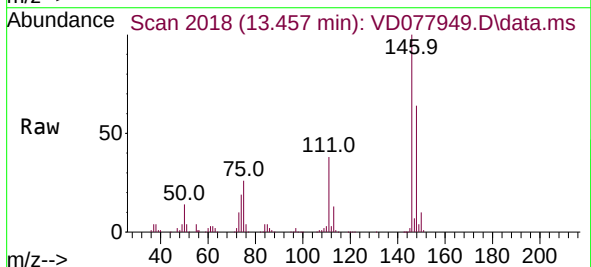
Instrument :
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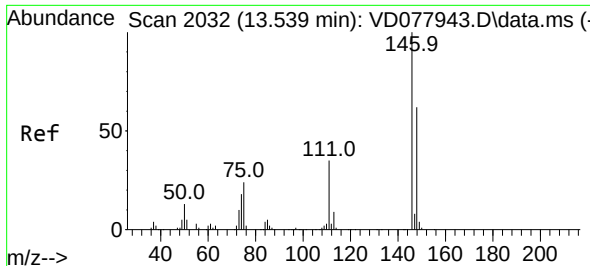
Tgt Ion: 75 Resp: 4238
 Ion Ratio Lower Upper
 75 100
 77 43.8 21.2 39.4#



#64
 1,3-Dichlorobenzene
 Concen: 25.280 ug/L
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

Tgt Ion: 146 Resp: 312165
 Ion Ratio Lower Upper
 146 100
 111 37.6 26.6 49.4
 148 63.6 44.0 81.6

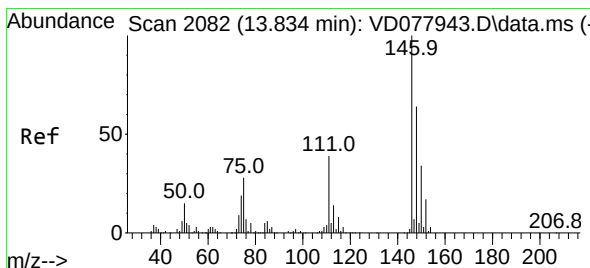
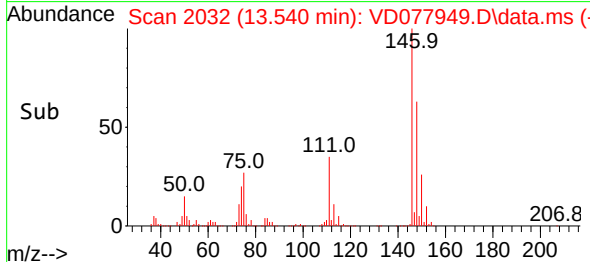
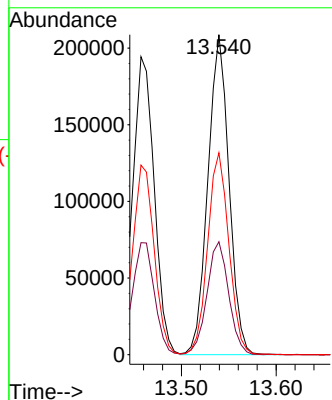
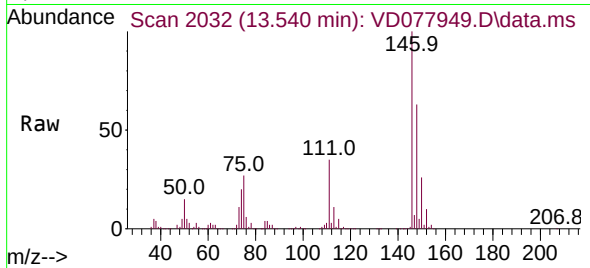




#65
1,4-Dichlorobenzene
Concen: 25.270 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

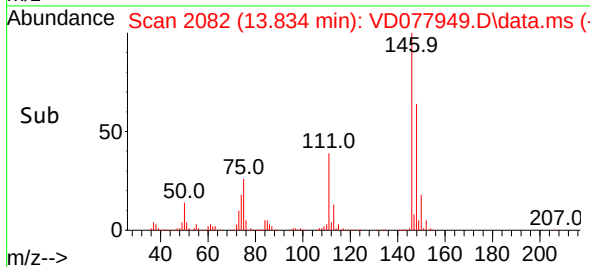
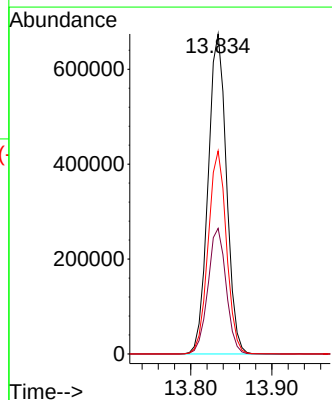
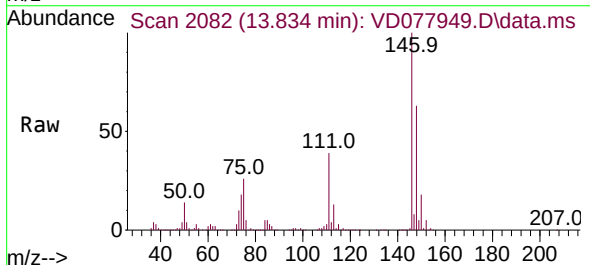
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MSVOA_D
ClientSampleId :

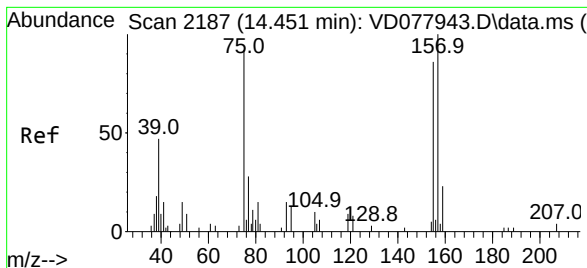
Tgt Ion:146 Resp: 323788
Ion Ratio Lower Upper
146 100
111 35.3 26.4 49.0
148 63.1 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 95.159 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

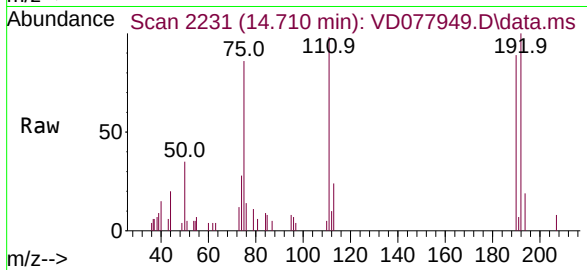
Tgt Ion:146 Resp: 1057348
Ion Ratio Lower Upper
146 100
111 39.3 31.4 47.2
148 63.5 50.2 75.2



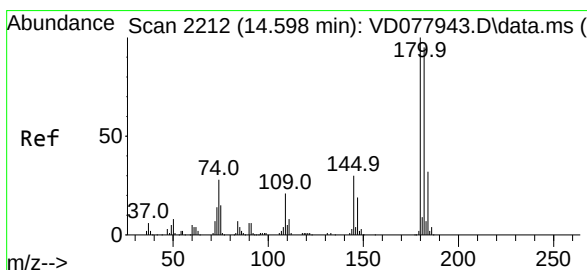
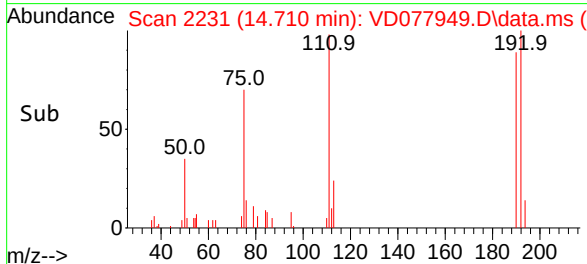
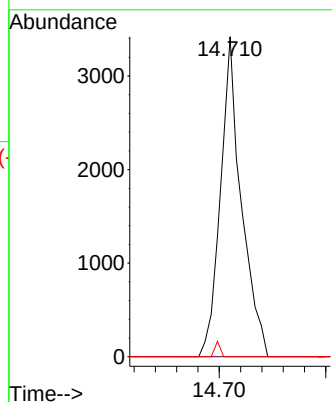


#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.591 ug/L
 RT: 14.710 min Scan# 2187
 Delta R.T. 0.259 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

Instrument :
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 ClientSampleId :

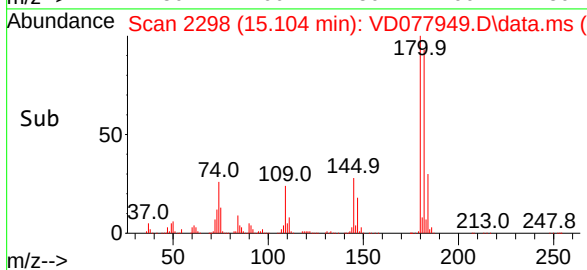
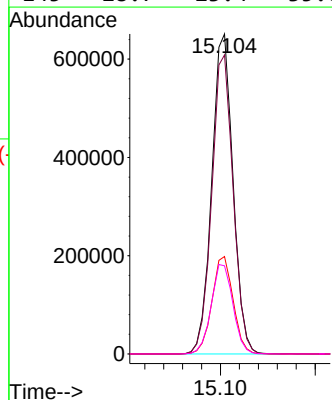
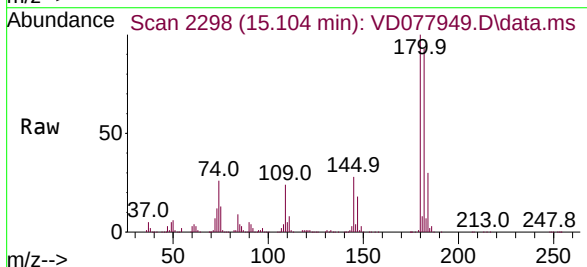


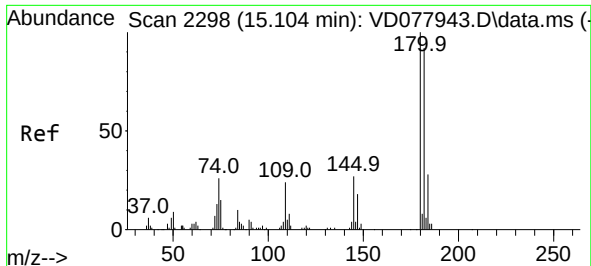
Tgt Ion: 75 Resp: 4639
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.2 103.8#
 157 0.0 86.6 130.0#



#69
 1,3,5-Trichlorobenzene
 Concen: 120.387 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.506 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

Tgt Ion:180 Resp: 1012253
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.0 115.4
 184 30.5 24.3 36.5
 145 28.7 23.4 35.0

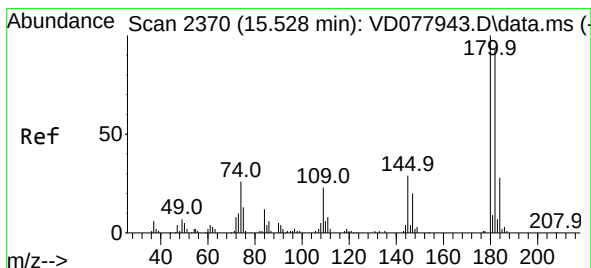
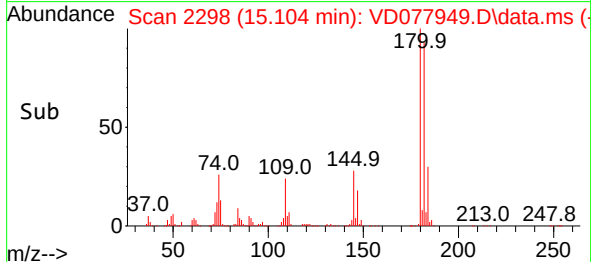
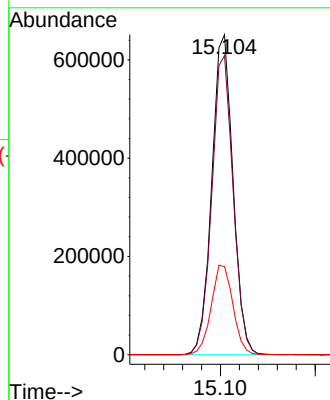
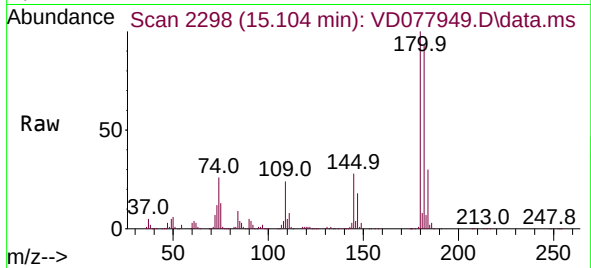




#70
1,2,4-trichlorobenzene
Concen: 141.810 ug/L
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 1012253
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.6
145 28.7 23.9 35.9



#72
1,2,3-Trichlorobenzene
Concen: 60.206 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

Tgt Ion:180 Resp: 376743
Ion Ratio Lower Upper
180 100
182 94.7 77.3 115.9
145 30.1 25.2 37.8

