

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077695.D
 Acq On : 24 Nov 2023 16:42
 Operator : JC/SY
 Sample : 05456-06
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 00:03:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 27 00:00:09 2023
 Response via : Initial Calibration

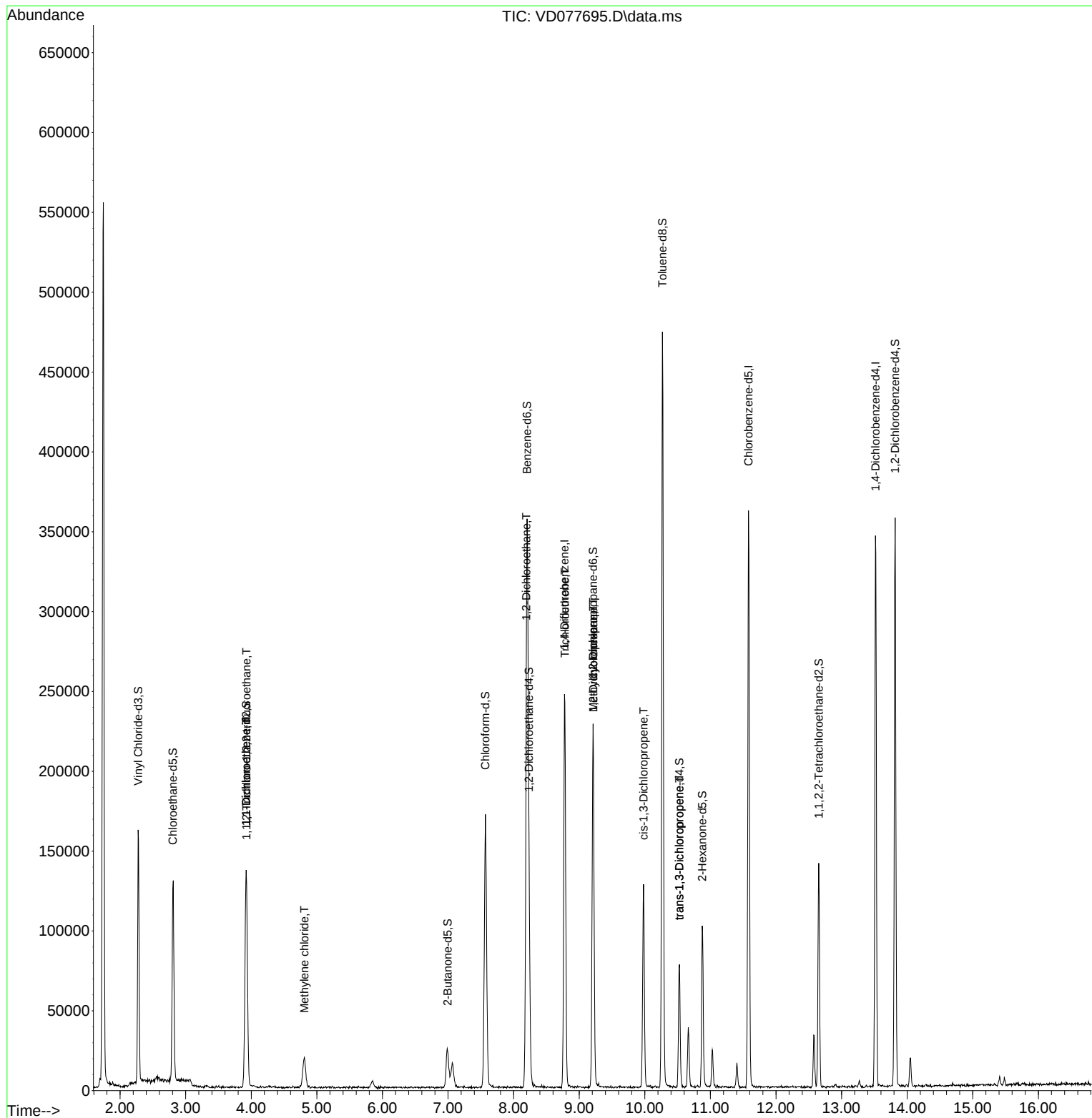
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	209003	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	192699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	88821	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	148021	27.841	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 111.360%		
7) Chloroethane-d5	2.805	69	128118	30.674	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 122.680%		
11) 1,1-Dichloroethene-d2	3.922	65	42177	25.655	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 102.600%		
21) 2-Butanone-d5	6.993	46	43923	47.716	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 95.440%		
24) Chloroform-d	7.569	84	166187	27.525	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 110.120%		
26) 1,2-Dichloroethane-d4	8.234	65	89868	27.983	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 111.920%		
32) Benzene-d6	8.205	84	345715	27.642	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 110.560%		
36) 1,2-Dichloropropane-d6	9.210	67	108974	26.750	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 107.000%		
41) Toluene-d8	10.269	98	314969	27.870	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 111.480%		
43) trans-1,3-Dichloroprop...	10.528	79	43506	24.768	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 99.080%		
47) 2-Hexanone-d5	10.875	63	34901	47.890	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 95.780%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70352	26.065	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 104.240%		
66) 1,2-Dichlorobenzene-d4	13.816	152	89464	28.313	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 113.240%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	699	0.228	ug/L #	21
12) 1,1-Dichloroethene	3.922	96	978	0.329	ug/L #	1
16) Methylene chloride	4.811	84	13026	3.691	ug/L	91
27) 1,2-Dichloroethane	8.193	62	1063	0.278	ug/L #	73
34) Trichloroethene	8.781	95	5883	1.777	ug/L #	10
35) Methylcyclohexane	9.216	83	24496	4.100	ug/L #	17
37) 1,2-Dichloropropane	9.216	63	12249	3.297	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	3276	0.574	ug/L #	75
44) trans-1,3-Dichloropropene	10.528	75	1981	0.420	ug/L #	81

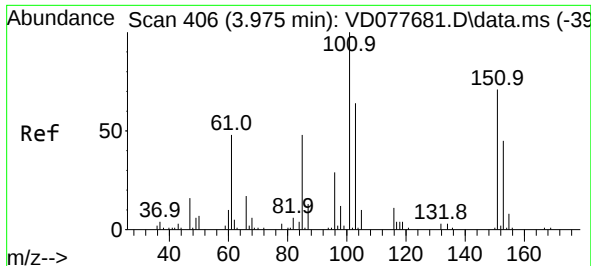
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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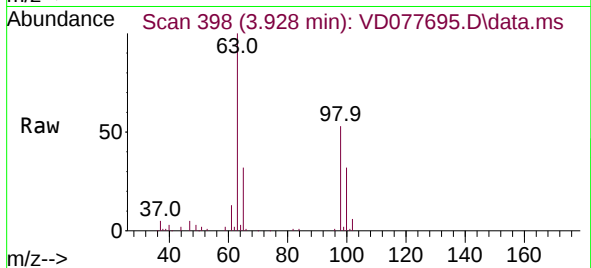
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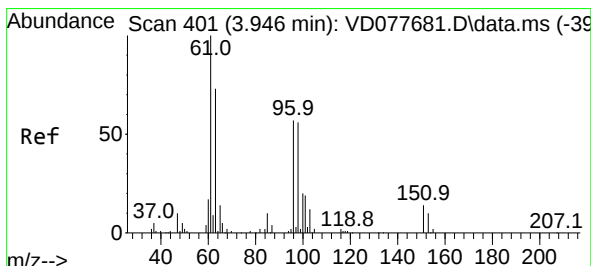
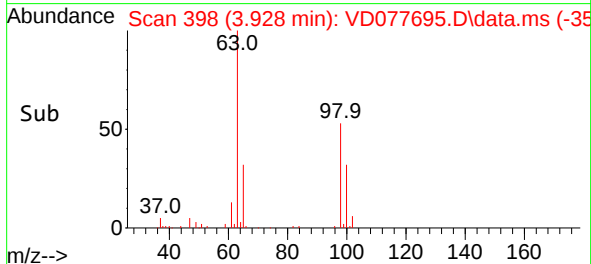
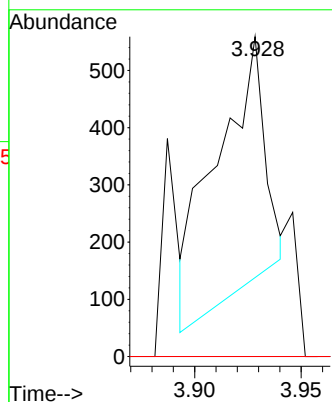


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.228 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.047 min
 Lab File: VD077695.D
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Instrument :
 MSVOA_D
 ClientSampleId :

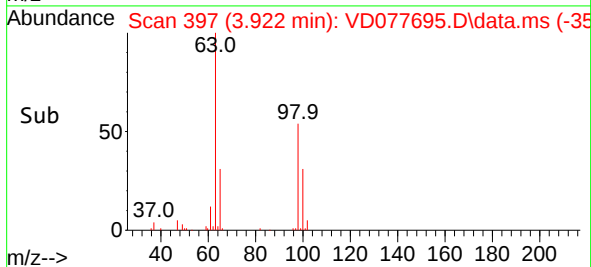
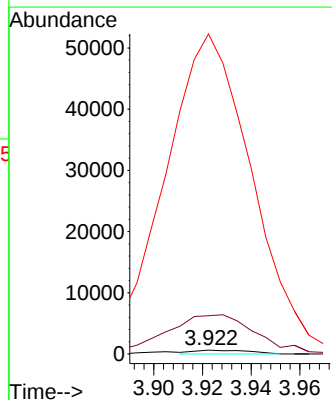
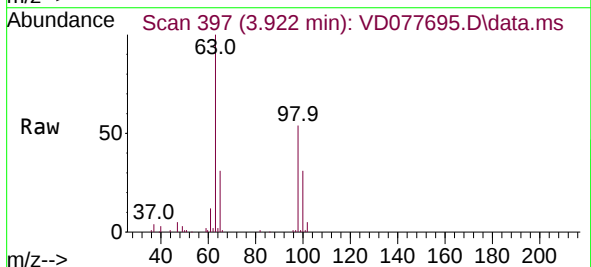


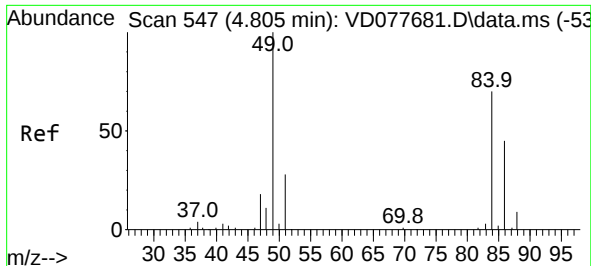
Tgt Ion: 101 Resp: 699
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.8 55.2#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.329 ug/L
 RT: 3.922 min Scan# 397
 Delta R.T. -0.023 min
 Lab File: VD077695.D
 Acq: 24 Nov 2023 16:42

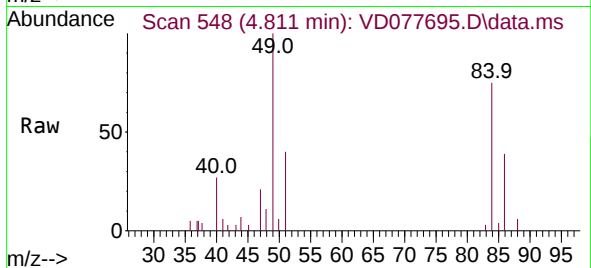
Tgt Ion: 96 Resp: 978
 Ion Ratio Lower Upper
 96 100
 61 998.9 127.5 236.9#
 63 8340.7 86.4 160.4#



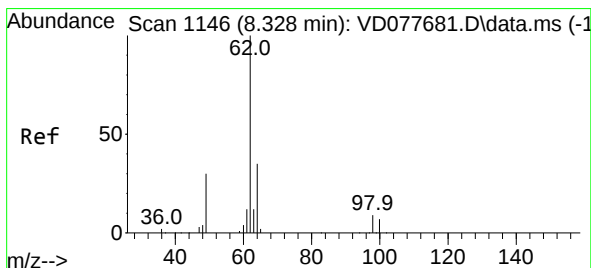
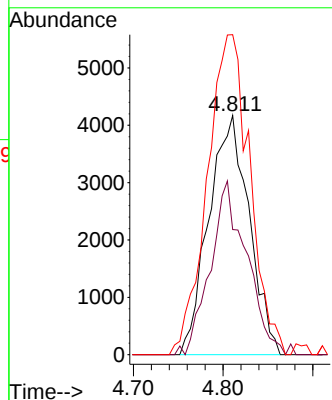
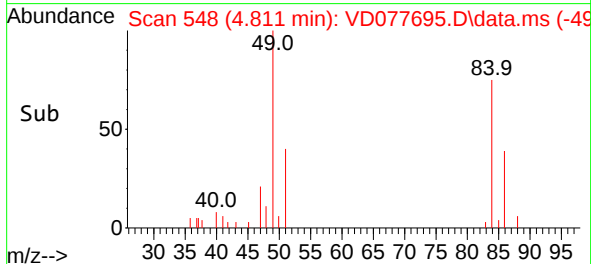


#16
Methylene chloride
Concen: 3.691 ug/L
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD077695.D
Acq: 24 Nov 2023 16:42

Instrument :
MSVOA_D
ClientSampleId :

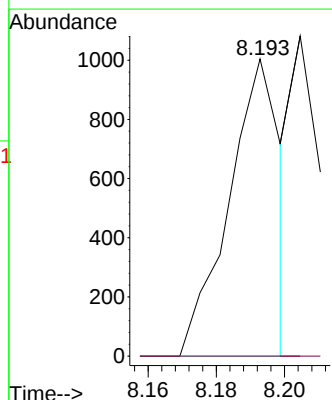
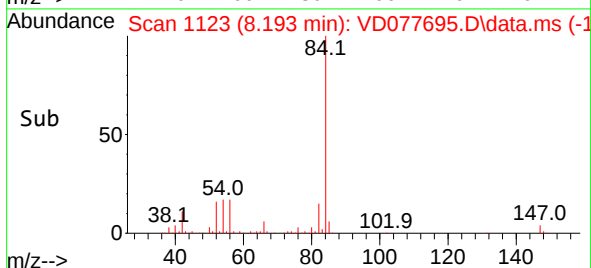
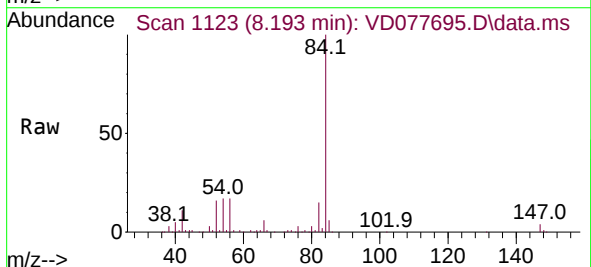


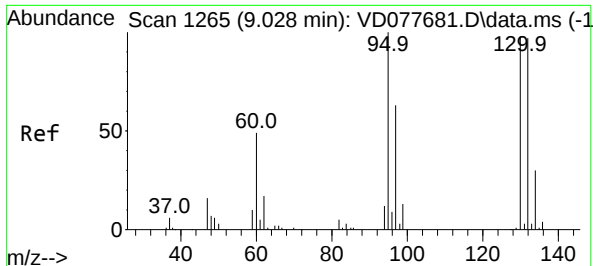
Tgt Ion: 84 Resp: 13026
Ion Ratio Lower Upper
84 100
86 52.3 46.5 86.5
49 133.8 98.3 182.7



#27
1,2-Dichloroethane
Concen: 0.278 ug/L
RT: 8.193 min Scan# 1123
Delta R.T. -0.135 min
Lab File: VD077695.D
Acq: 24 Nov 2023 16:42

Tgt Ion: 62 Resp: 1063
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#

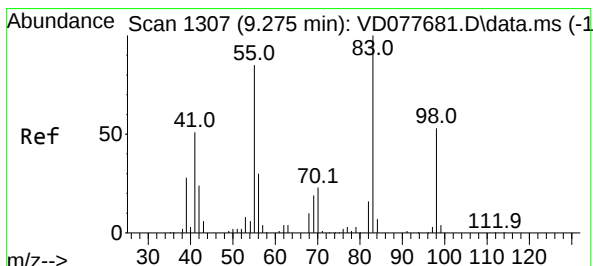
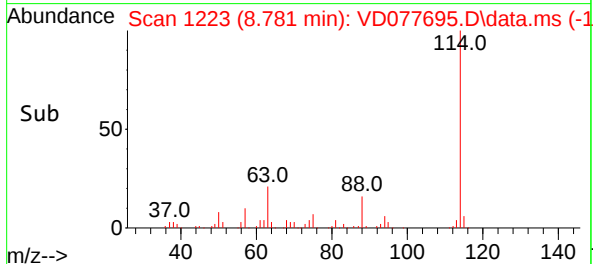
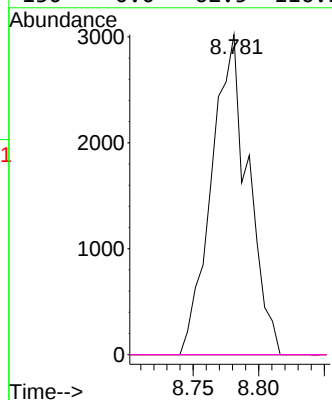
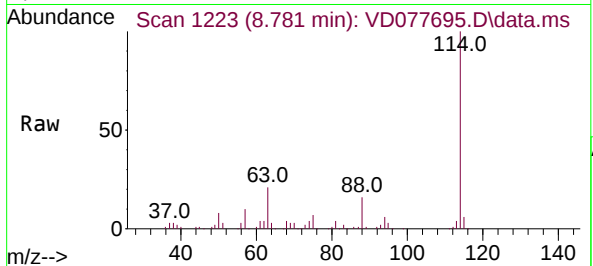




#34
Trichloroethene
Concen: 1.777 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077695.D
Acq: 24 Nov 2023 16:42

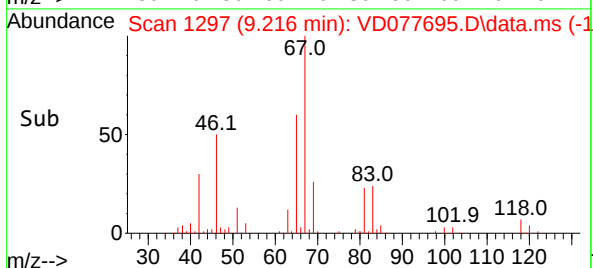
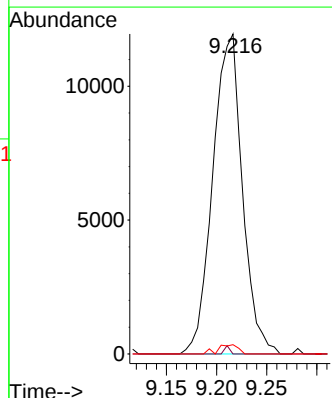
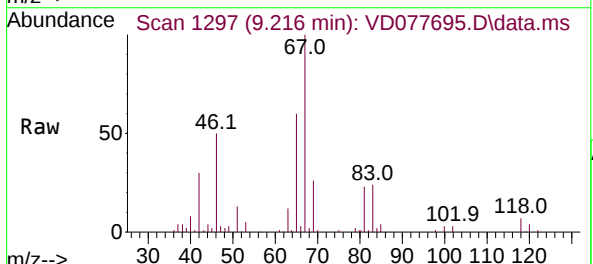
Instrument :
MSVOA_D
ClientSampleId :

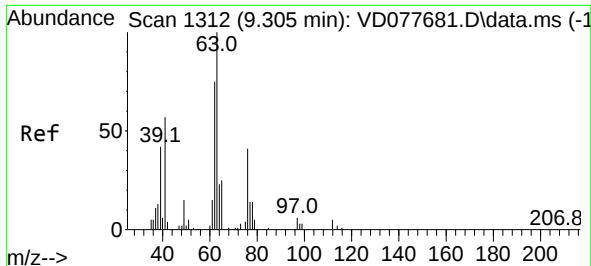
Tgt Ion: 95 Resp: 5883
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#



#35
Methylcyclohexane
Concen: 4.100 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD077695.D
Acq: 24 Nov 2023 16:42

Tgt Ion: 83 Resp: 24496
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 1.7 37.4 56.2#

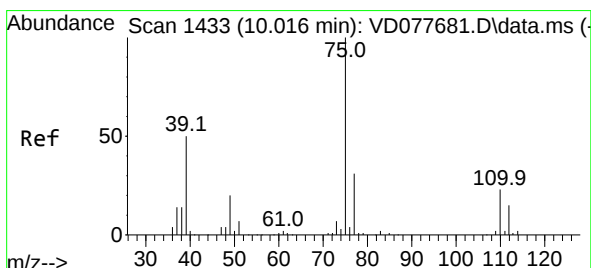
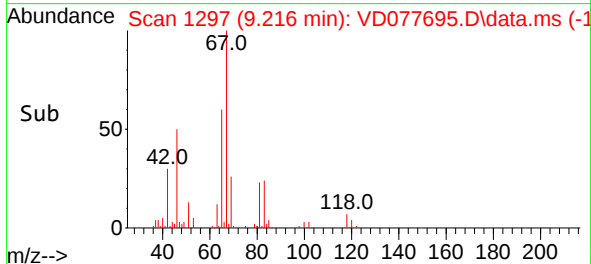
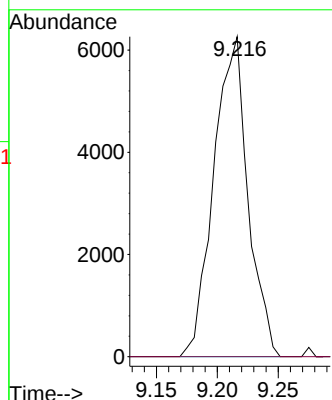
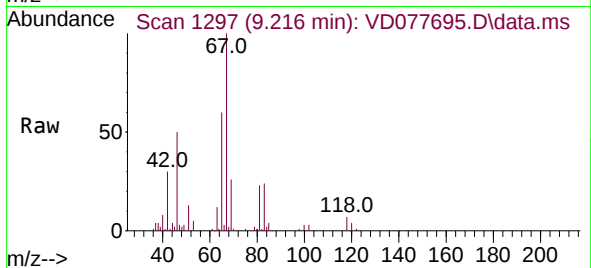




#37
1,2-Dichloropropane
Concen: 3.297 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD077695.D
Acq: 24 Nov 2023 16:42

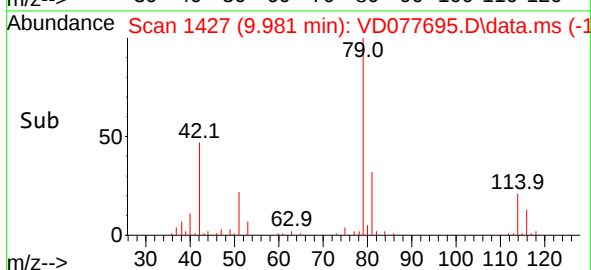
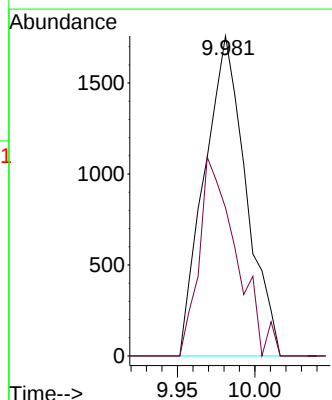
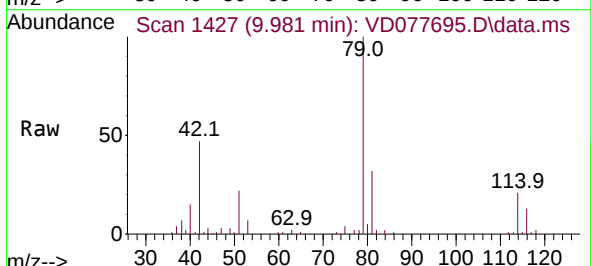
Instrument :
MSVOA_D
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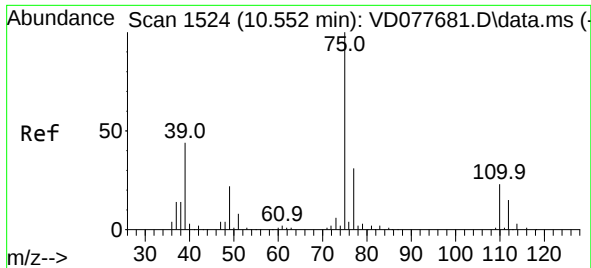
Tgt Ion: 63 Resp: 12249
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.574 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077695.D
Acq: 24 Nov 2023 16:42

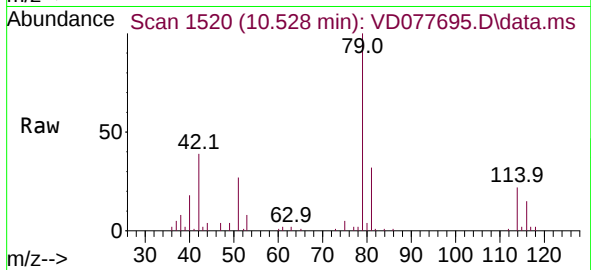
Tgt Ion: 75 Resp: 3276
Ion Ratio Lower Upper
75 100
77 46.3 22.5 41.9#





#44
 trans-1,3-Dichloropropene
 Concen: 0.420 ug/L
 RT: 10.528 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VD077695.D
 Acq: 24 Nov 2023 16:42

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 1981
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.3 41.5#

