

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077613.D
 Acq On : 17 Nov 2023 15:14
 Operator : JC/SY
 Sample : 05456-02
 Misc : 5.03G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:38:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

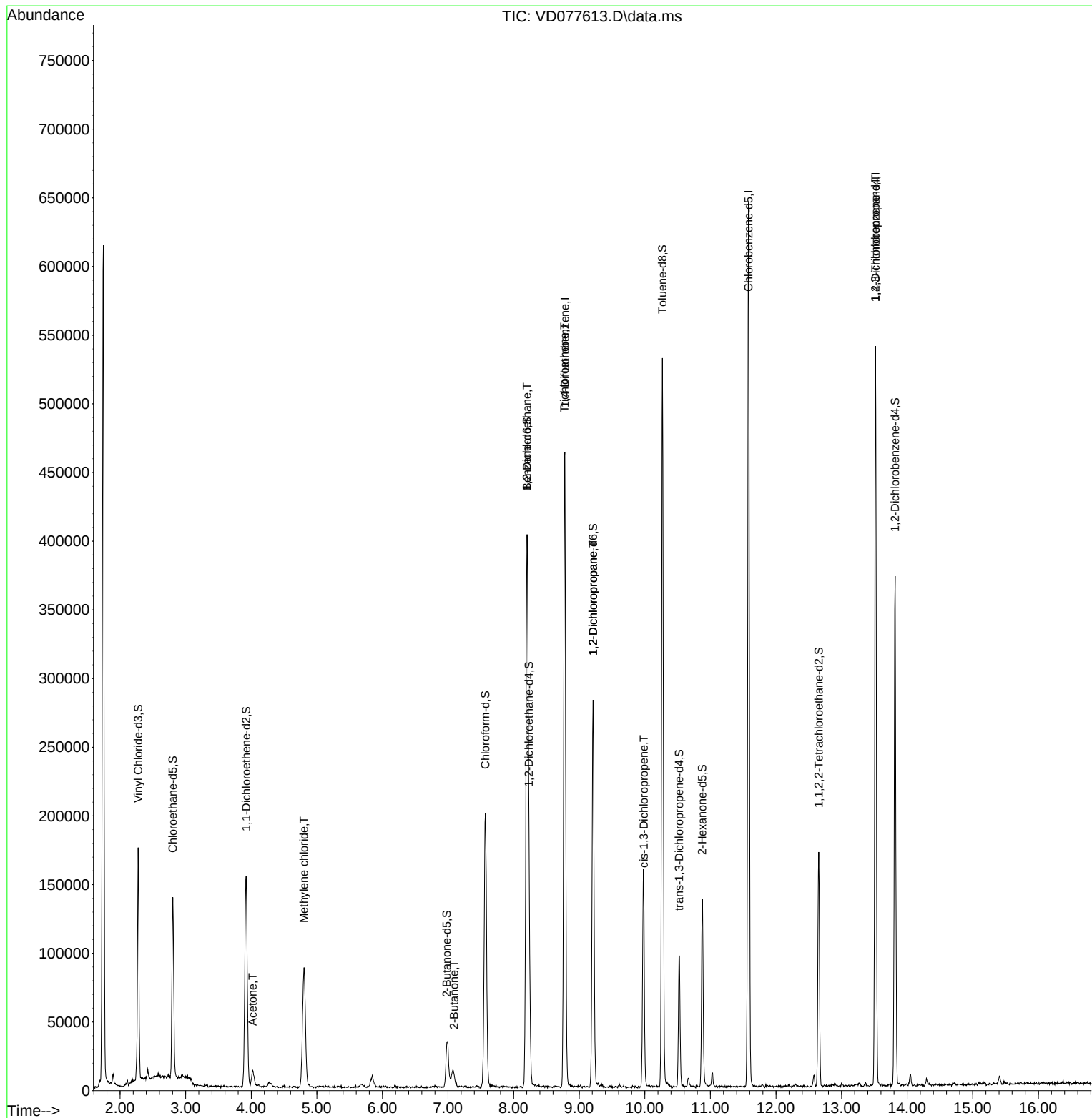
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	392971	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	342582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	136330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	150888	15.094	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.360%		
7) Chloroethane-d5	2.805	69	134560	17.135	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.520%		
11) 1,1-Dichloroethene-d2	3.922	65	47008	15.207	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.840%		
21) 2-Butanone-d5	6.981	46	60910	35.193	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.380%		
24) Chloroform-d	7.569	84	207892	18.313	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.240%		
26) 1,2-Dichloroethane-d4	8.234	65	111805	18.516	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.080%		
32) Benzene-d6	8.205	84	408059	18.352	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.400%		
36) 1,2-Dichloropropane-d6	9.210	67	138741	19.156	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.640%		
41) Toluene-d8	10.269	98	355415	17.689	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.760%		
43) trans-1,3-Dichloroprop...	10.522	79	54556	17.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.880%		
47) 2-Hexanone-d5	10.875	63	48755	37.631	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.260%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89595	18.671	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.680%		
66) 1,2-Dichlorobenzene-d4	13.816	152	94066	19.395	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	77.600%		
Target Compounds					Qvalue	
13) Acetone	4.022	43	20381	11.203	ug/L	71
16) Methylene chloride	4.805	84	62555	9.428	ug/L	98
22) 2-Butanone	7.093	43	9855	4.502	ug/L	91
27) 1,2-Dichloroethane	8.205	62	2566	0.357	ug/L #	73
34) Trichloroethene	8.775	95	11623	1.974	ug/L #	10
37) 1,2-Dichloropropane	9.210	63	15172	2.297	ug/L #	88
39) cis-1,3-Dichloropropene	9.987	75	4453	0.439	ug/L #	77
61) 1,2,3-Trichloropropane	13.516	75	18820	6.481	ug/L #	68

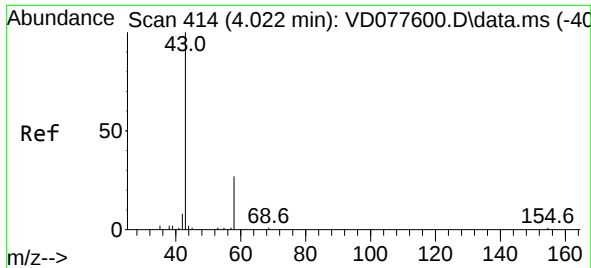
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
Response via : Initial Calibration





#13

Acetone

Concen: 11.203 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077613.D

Acq: 17 Nov 2023 15:14

Instrument :

MSVOA_D

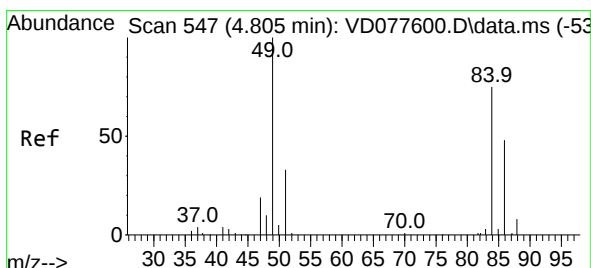
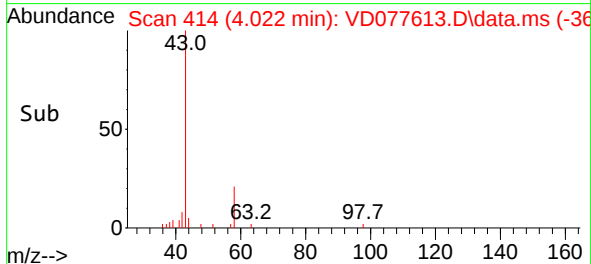
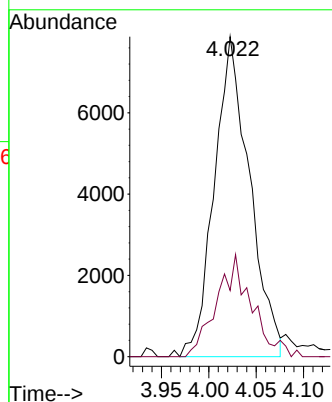
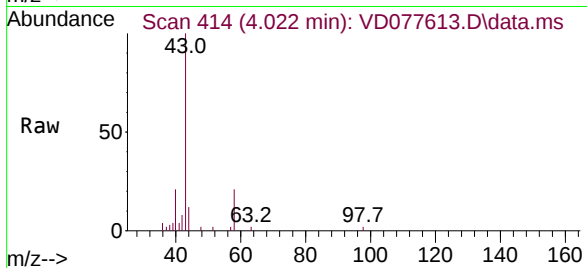
ClientSampleId :

Tgt Ion: 43 Resp: 20381

Ion Ratio Lower Upper

43 100

58 16.0 0.0 64.0



#16

Methylene chloride

Concen: 9.428 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD077613.D

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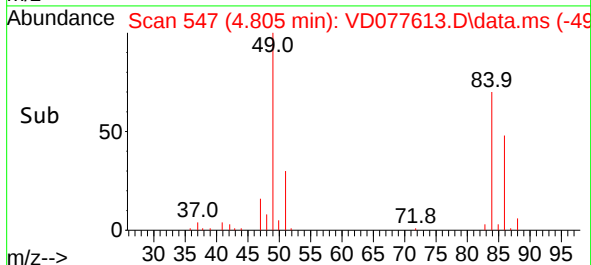
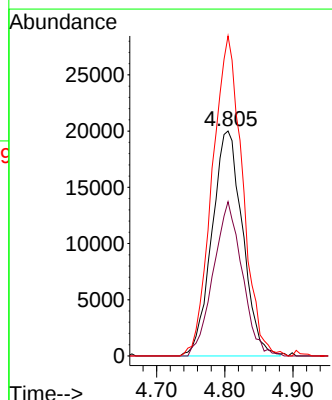
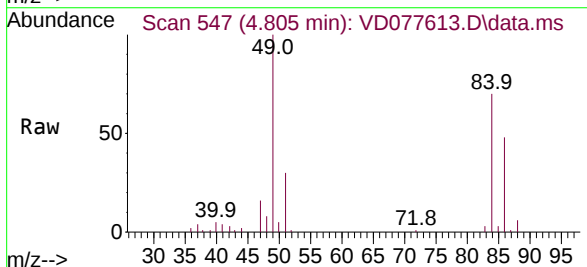
Tgt Ion: 84 Resp: 62555

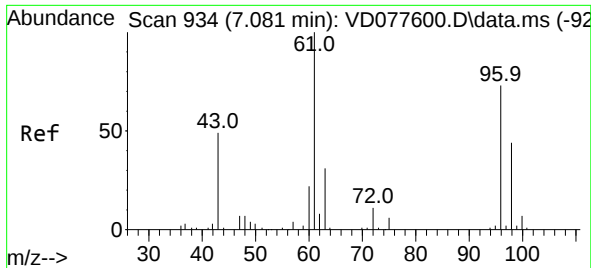
Ion Ratio Lower Upper

84 100

86 68.6 46.5 86.5

49 142.3 98.3 182.7

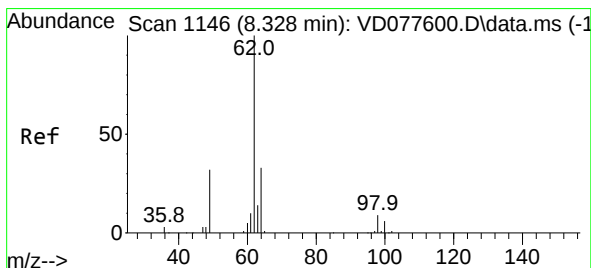
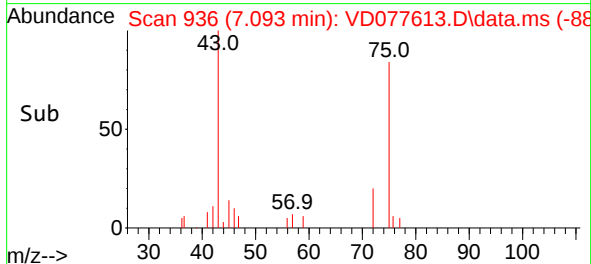
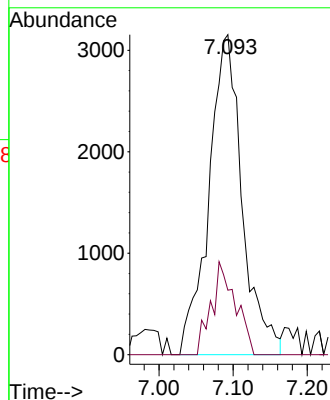
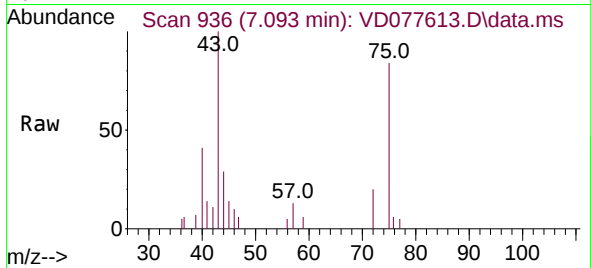




#22
2-Butanone
Concen: 4.502 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD077613.D
Acq: 17 Nov 2023 15:14

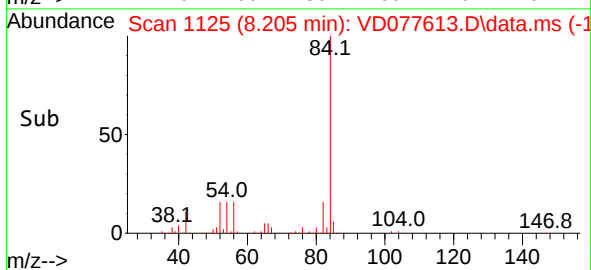
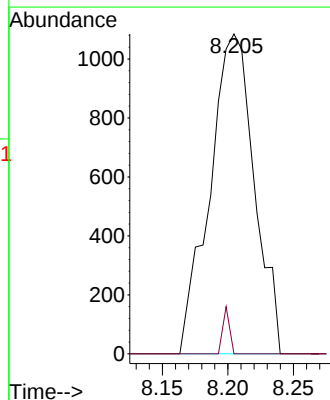
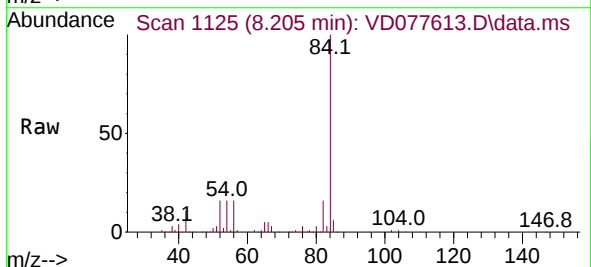
Instrument :
MSVOA_D
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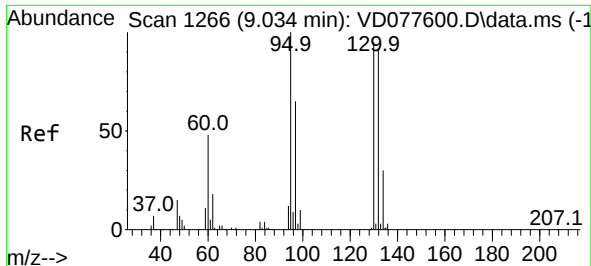
Tgt Ion: 43 Resp: 9855
Ion Ratio Lower Upper
43 100
72 21.0 12.8 38.4



#27
1,2-Dichloroethane
Concen: 0.357 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD077613.D
Acq: 17 Nov 2023 15:14

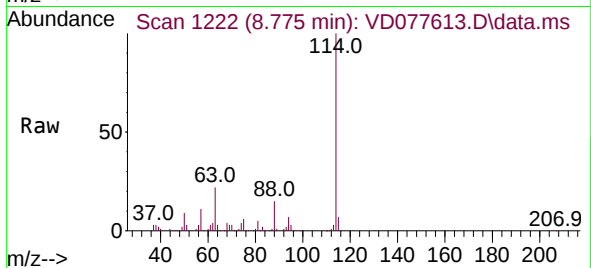
Tgt Ion: 62 Resp: 2566
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



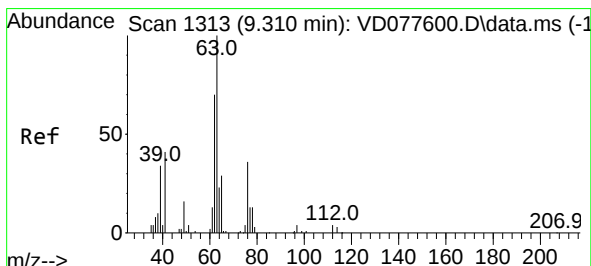
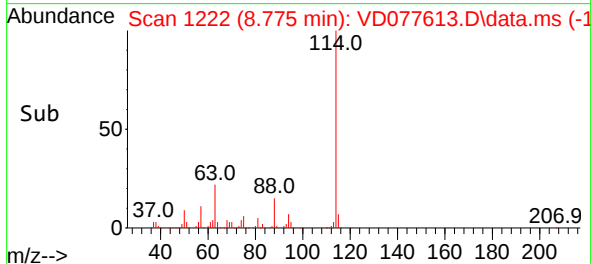
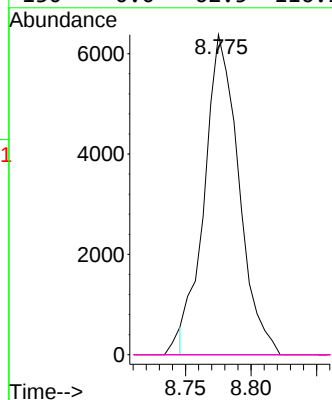


#34
 Trichloroethene
 Concen: 1.974 ug/L
 RT: 8.775 min Scan# 11623
 Delta R.T. -0.259 min
 Lab File: VD077613.D
 Acq: 17 Nov 2023 15:14

Instrument :
 MSVOA_D
 ClientSampleId :

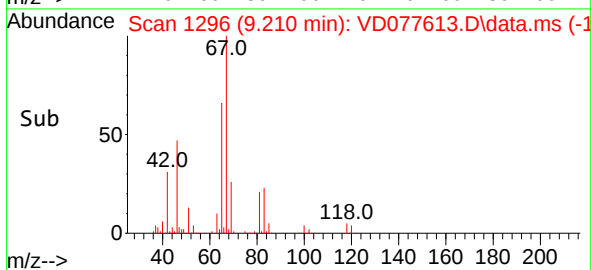
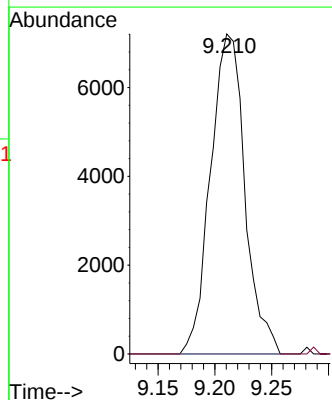
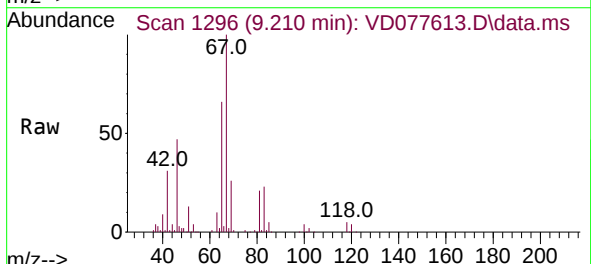


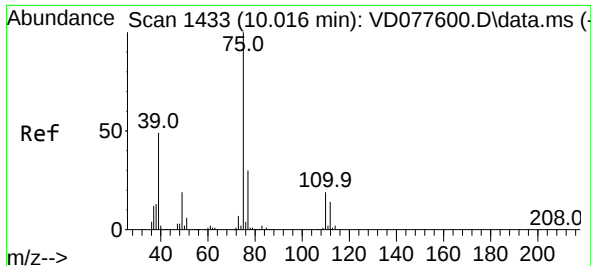
Tgt Ion:	95	Resp:	11623
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.4	78.6#
132	0.0	59.4	110.2#
130	0.0	62.5	116.1#



#37
 1,2-Dichloropropane
 Concen: 2.297 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.100 min
 Lab File: VD077613.D
 Acq: 17 Nov 2023 15:14

Tgt Ion:	63	Resp:	15172
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

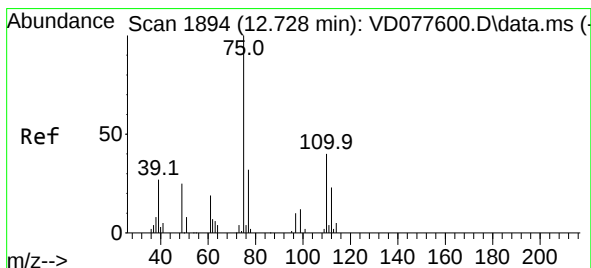
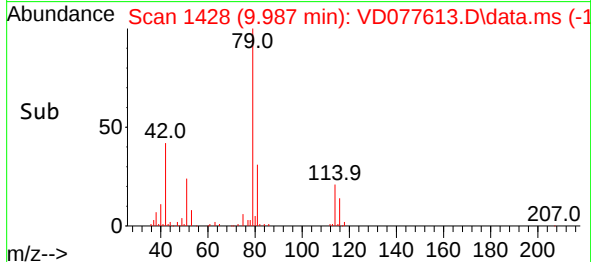
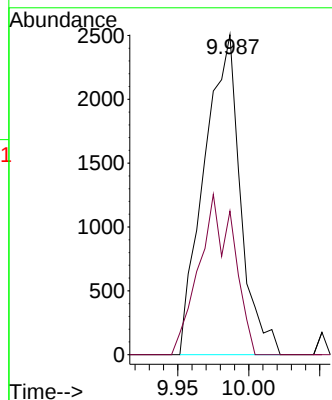
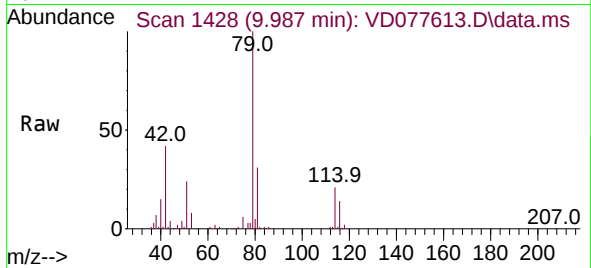




#39
 cis-1,3-Dichloropropene
 Concen: 0.439 ug/L
 RT: 9.987 min Scan# 1433
 Delta R.T. -0.029 min
 Lab File: VD077613.D
 Acq: 17 Nov 2023 15:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 4453
 Ion Ratio Lower Upper
 75 100
 77 44.9 22.5 41.9#



#61
 1,2,3-Trichloropropane
 Concen: 6.481 ug/L
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.788 min
 Lab File: VD077613.D
 Acq: 17 Nov 2023 15:14

Tgt Ion: 75 Resp: 18820
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4
 110 2.6 29.6 44.4#

