

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077670.D
 Acq On : 22 Nov 2023 15:01
 Operator : JC/SY
 Sample : 05459-17
 Misc : 4.50G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:32:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

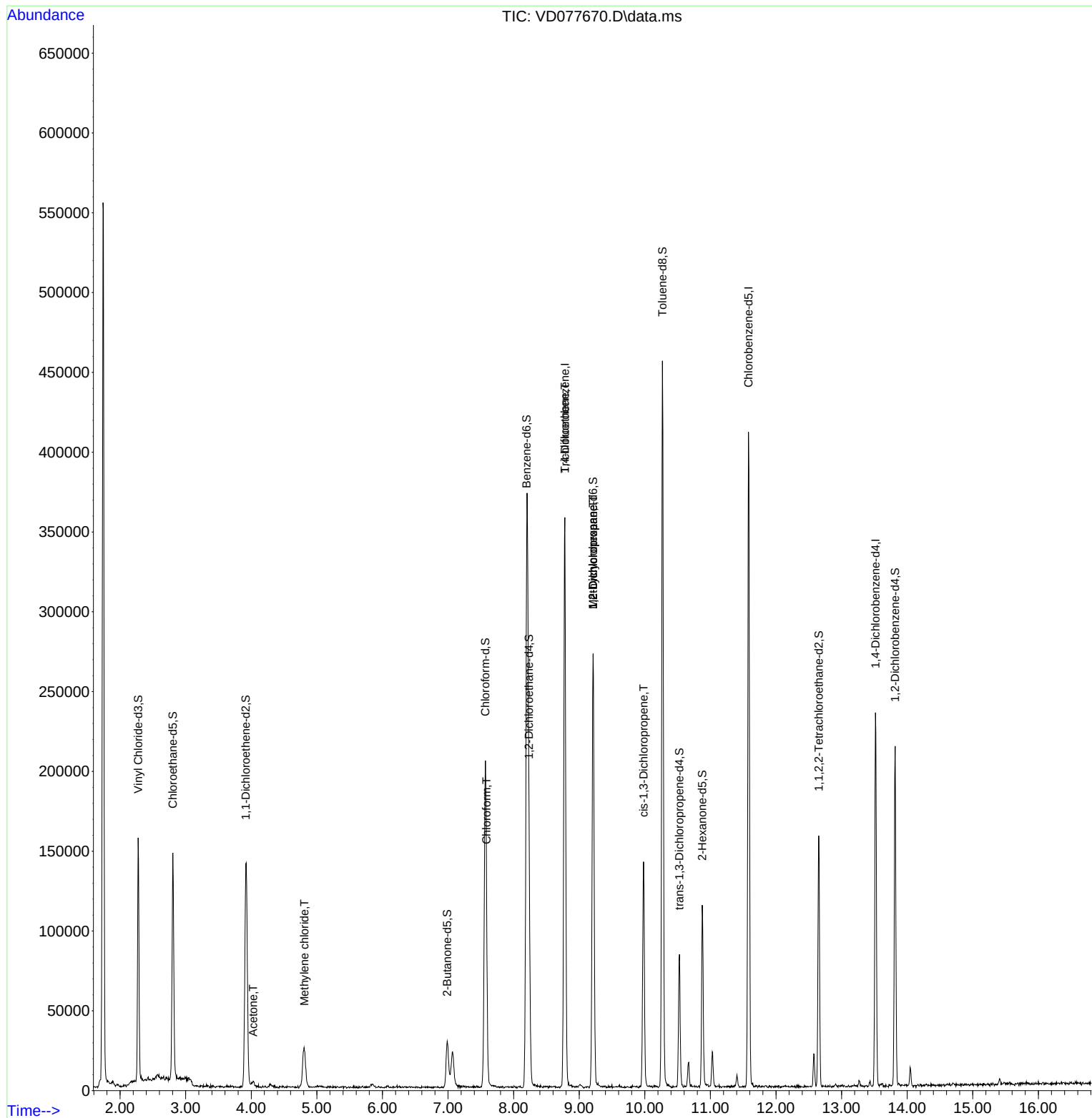
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	299861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	224878	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	60740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	142354	18.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.640%
7) Chloroethane-d5	2.805	69	134671	22.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
11) 1,1-Dichloroethene-d2	3.917	65	43605	18.487	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.960%
21) 2-Butanone-d5	6.987	46	50594	38.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.620%
24) Chloroform-d	7.569	84	210137	24.259	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.234	65	105197	22.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.320%
32) Benzene-d6	8.199	84	370304	25.371	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.480%
36) 1,2-Dichloropropane-d6	9.210	67	135045	28.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.640%
41) Toluene-d8	10.269	98	301034	22.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	10.528	79	46689	22.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.875	63	38229	44.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80609	25.591	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	52713	24.395	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.560%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	5081	3.660	ug/L	61
16) Methylene chloride	4.811	84	11260	2.224	ug/L	95
25) Chloroform	7.587	83	4128	0.499	ug/L	86
34) Trichloroethene	8.781	95	8656	2.240	ug/L #	10
35) Methylcyclohexane	9.210	83	30005	4.303	ug/L #	16
37) 1,2-Dichloropropane	9.210	63	15142	3.493	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	4285	0.643	ug/L #	63

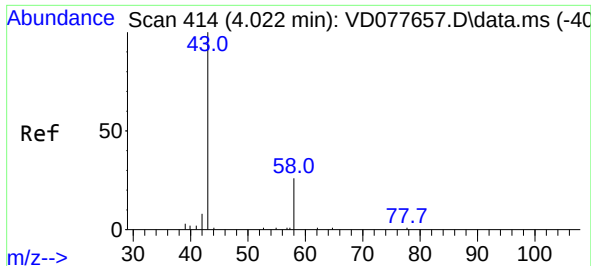
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Nov 22 01:40:25 2023
Response via : Initial Calibration

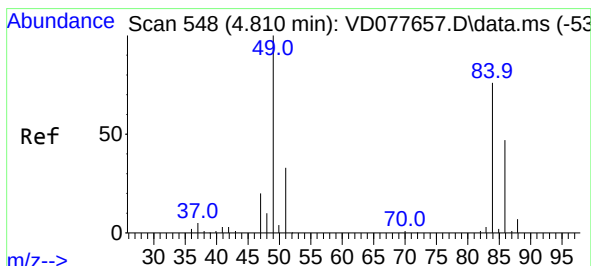
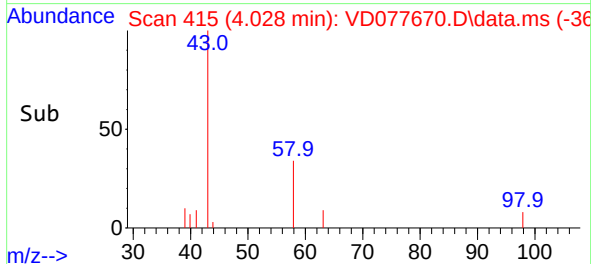
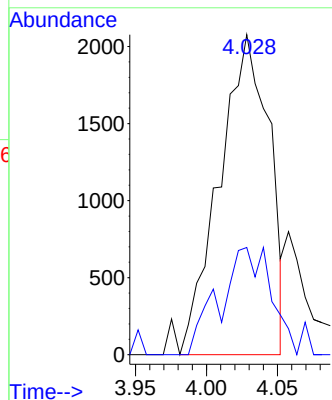
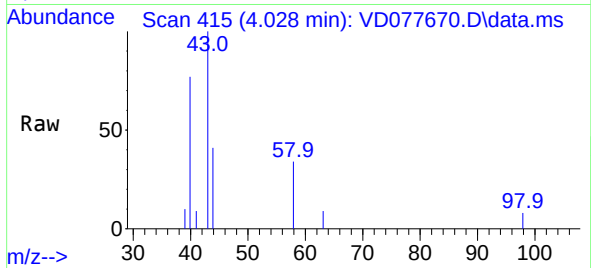




#13
Acetone
Concen: 3.660 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077670.D
Acq: 22 Nov 2023 15:01

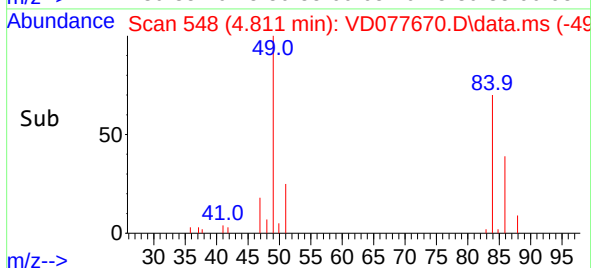
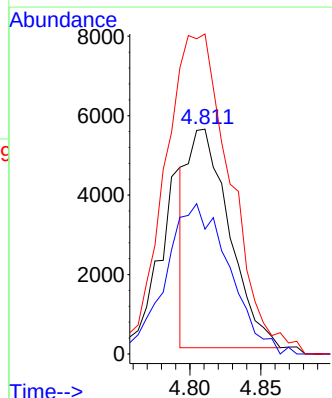
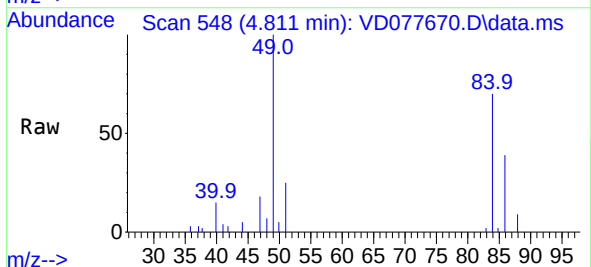
Instrument :
MSVOA_D
ClientSampleId :

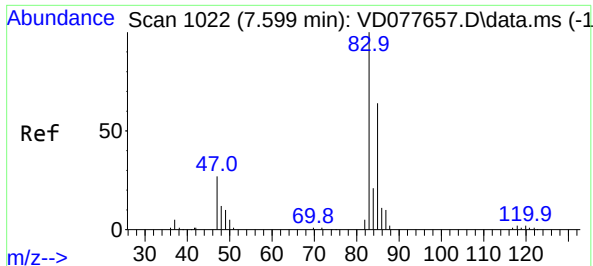
Tgt Ion: 43 Resp: 5081
Ion Ratio Lower Upper
43 100
58 10.4 0.0 64.0



#16
Methylene chloride
Concen: 2.224 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077670.D
Acq: 22 Nov 2023 15:01

Tgt Ion: 84 Resp: 11260
Ion Ratio Lower Upper
84 100
86 55.5 46.5 86.5
49 142.3 98.3 182.7

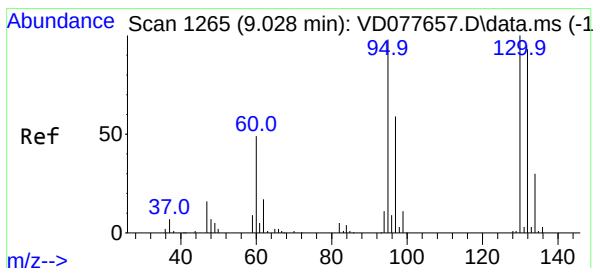
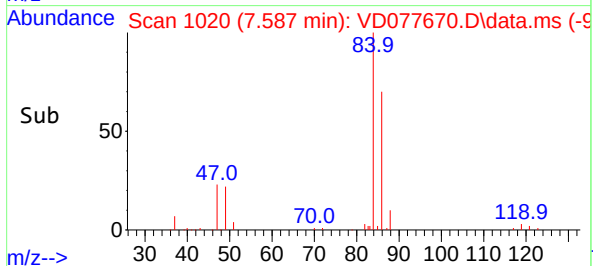
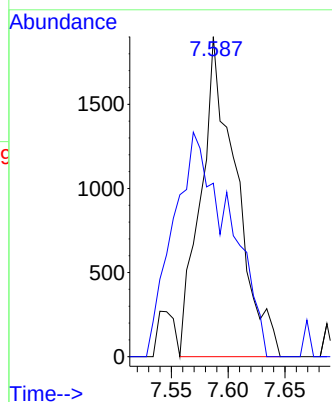
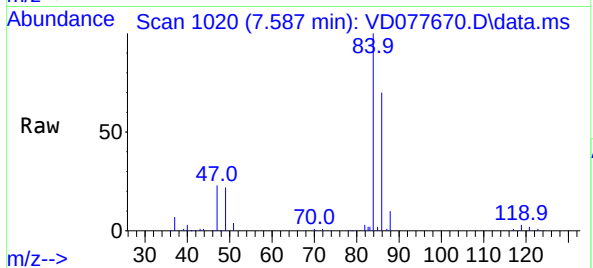




#25
Chloroform
Concen: 0.499 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD077670.D
Acq: 22 Nov 2023 15:01

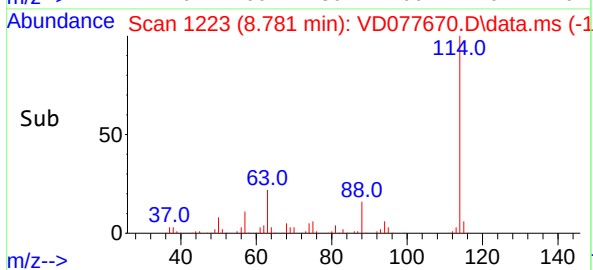
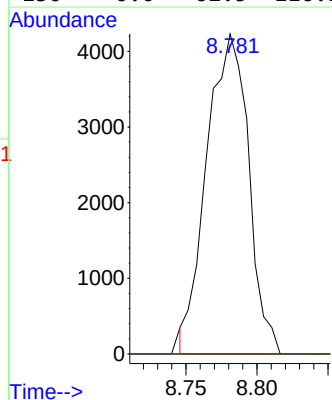
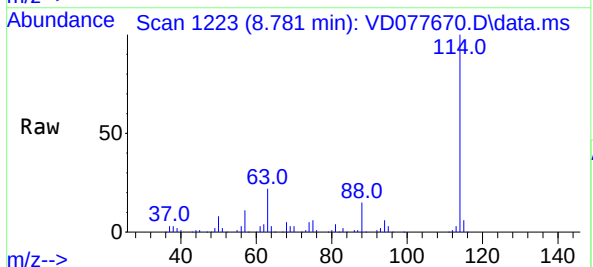
Instrument :
MSVOA_D
ClientSampleId :

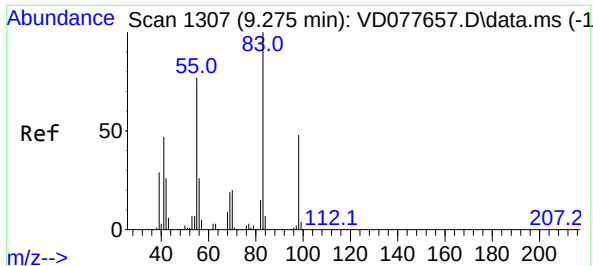
Tgt Ion: 83 Resp: 4128
Ion Ratio Lower Upper
83 100
85 54.2 45.9 85.3



#34
Trichloroethene
Concen: 2.240 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077670.D
Acq: 22 Nov 2023 15:01

Tgt Ion: 95 Resp: 8656
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: 4.303 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min

Lab File: VD077670.D

Acq: 22 Nov 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

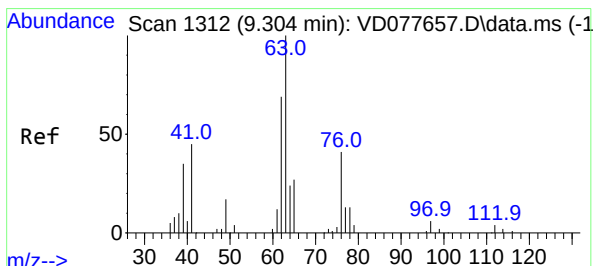
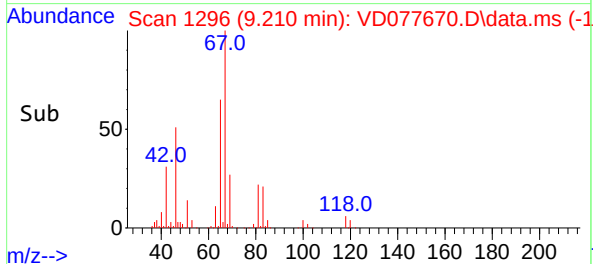
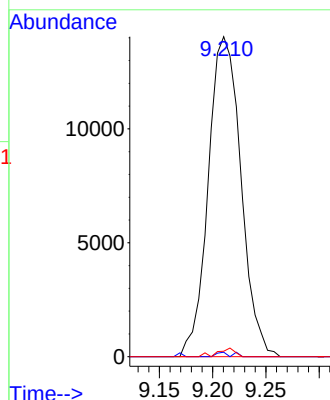
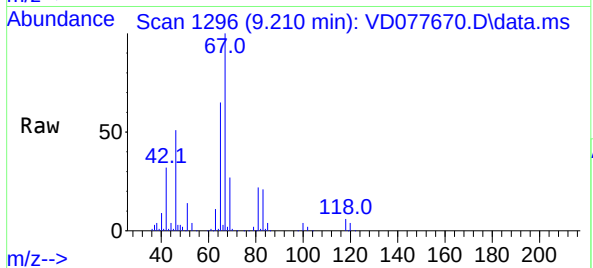
Tgt Ion: 83 Resp: 30005

Ion Ratio Lower Upper

83 100

55 0.4 66.5 99.7#

98 0.2 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 3.493 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.100 min

Lab File: VD077670.D

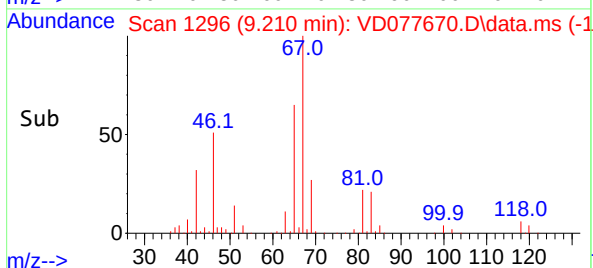
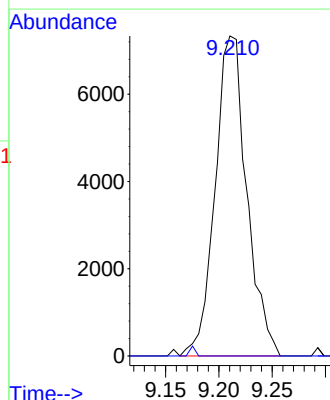
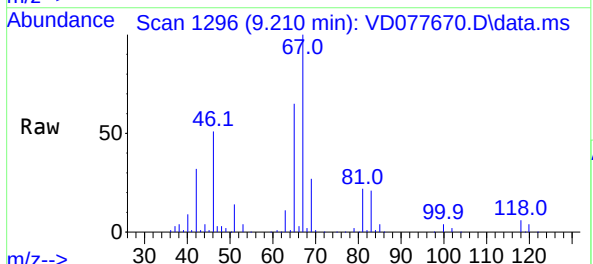
Acq: 22 Nov 2023 15:01

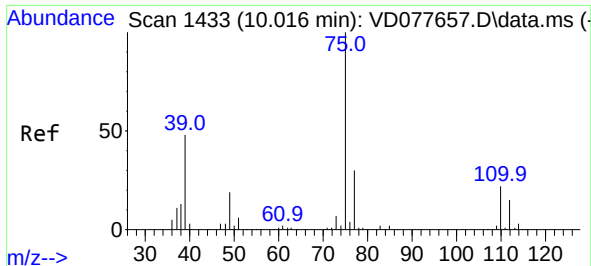
Tgt Ion: 63 Resp: 15142

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39
cis-1,3-Dichloropropene
Concen: 0.643 ug/L
RT: 9.981 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD077670.D
Acq: 22 Nov 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 4285
Ion Ratio Lower Upper
75 100
77 52.9 22.5 41.9#

