

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077555.D
 Acq On : 14 Nov 2023 10:43
 Operator : JC/SY
 Sample : VD1114SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:27:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

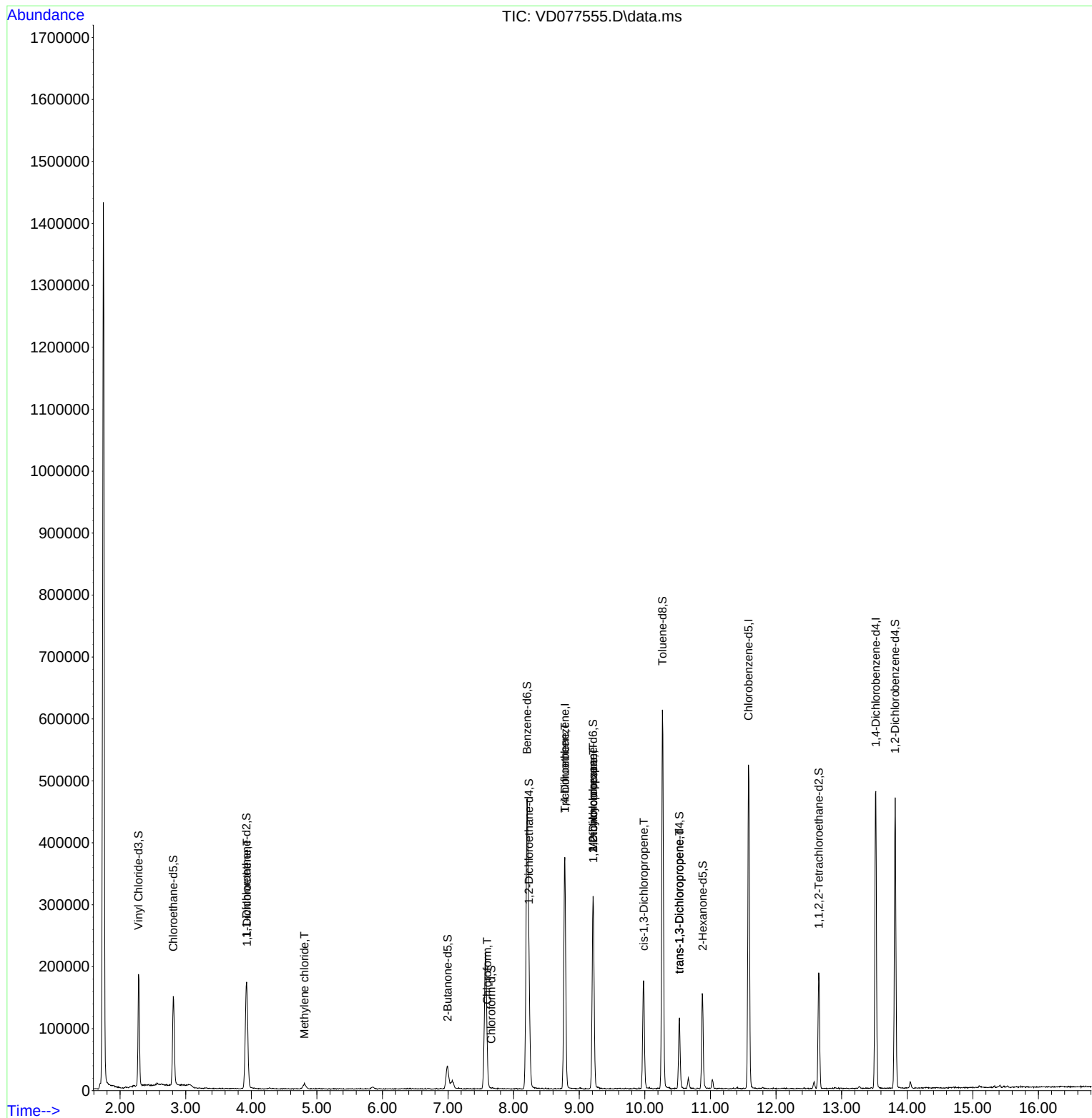
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	307369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	282106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124948	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	171039	21.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
7) Chloroethane-d5	2.811	69	148094	24.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	3.928	65	53145	21.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.920%
21) 2-Butanone-d5	6.993	46	67133	49.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
24) Chloroform-d	7.657	84	581	0.065	ug/L	0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.280%#
26) 1,2-Dichloroethane-d4	8.234	65	124214	26.300	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	8.204	84	462213	25.244	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.210	67	155939	26.147	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.600%
41) Toluene-d8	10.269	98	410427	24.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	10.528	79	63532	24.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.840%
47) 2-Hexanone-d5	10.881	63	54476	51.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96408	24.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	117168	26.359	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.440%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.934	96	1155	0.264	ug/L #	1
16) Methylene chloride	4.811	84	5211	1.004	ug/L	73
25) Chloroform	7.599	83	7231	0.853	ug/L	83
34) Trichloroethene	8.781	95	9036	1.864	ug/L #	10
35) Methylcyclohexane	9.210	83	31782	3.633	ug/L #	17
37) 1,2-Dichloropropane	9.216	63	16945	3.116	ug/L #	88
39) cis-1,3-Dichloropropene	9.987	75	4710	0.564	ug/L #	71
44) trans-1,3-Dichloropropene	10.528	75	3139	0.455	ug/L	96

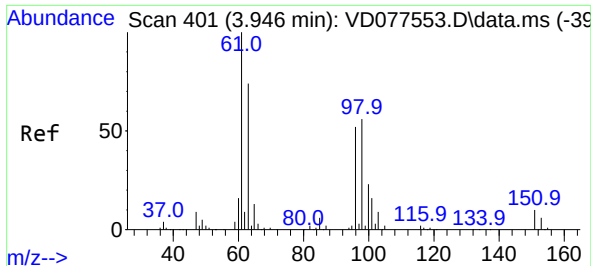
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.264 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.012 min

Lab File: VD077555.D

Acq: 14 Nov 2023 10:43

Instrument :

MSVOA_D

ClientSampleId :

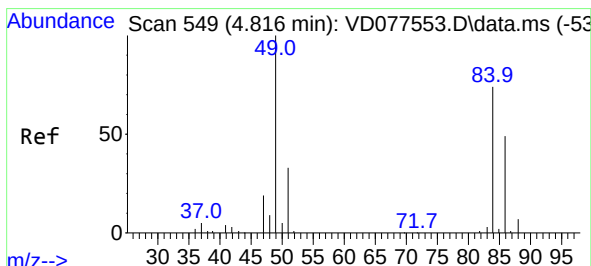
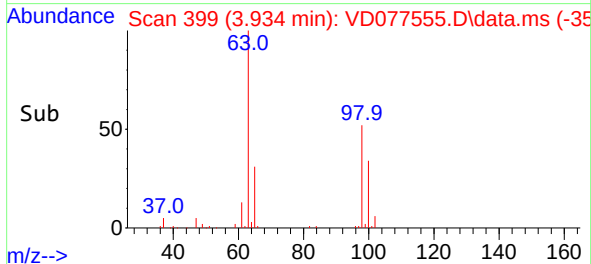
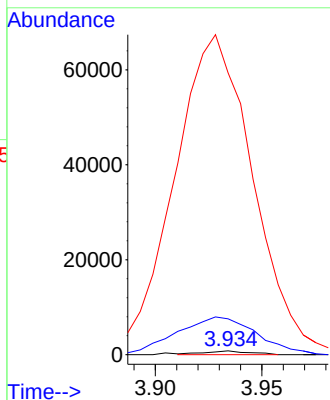
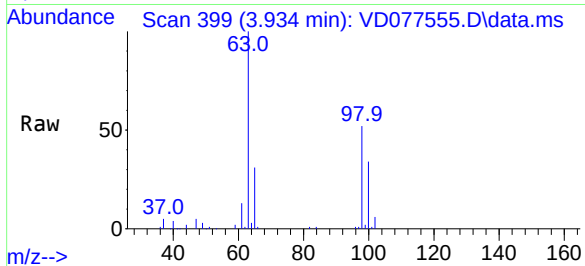
Tgt Ion: 96 Resp: 1155

Ion Ratio Lower Upper

96 100

61 925.5 127.5 236.9#

63 7271.6 86.4 160.4#



#16

Methylene chloride

Concen: 1.004 ug/L

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077555.D

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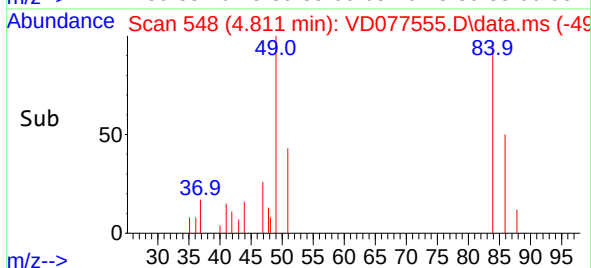
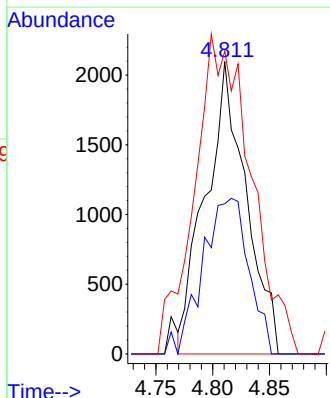
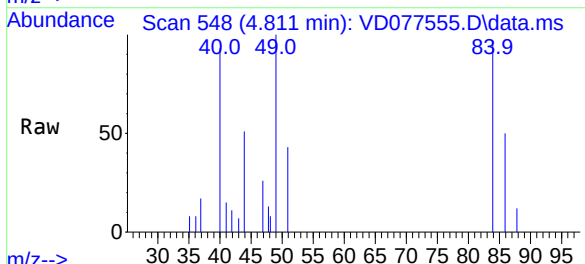
Tgt Ion: 84 Resp: 5211

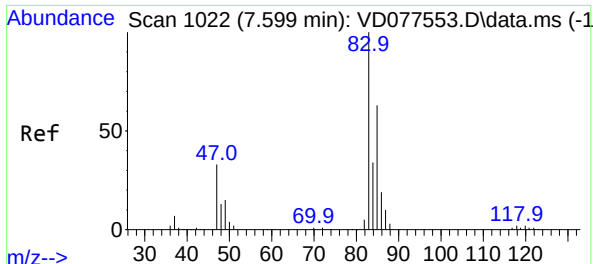
Ion Ratio Lower Upper

84 100

86 51.4 46.5 86.5

49 103.5 98.3 182.7

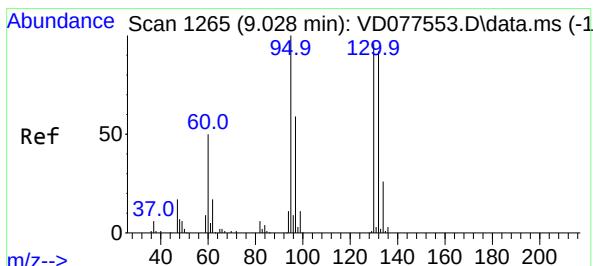
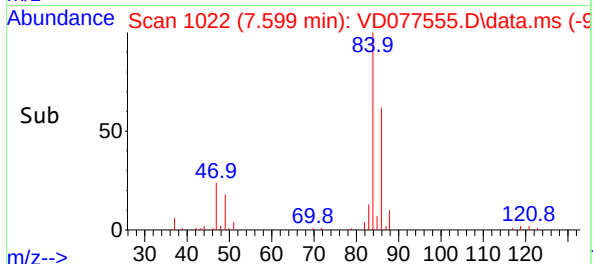
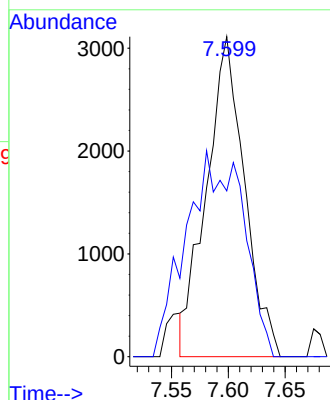
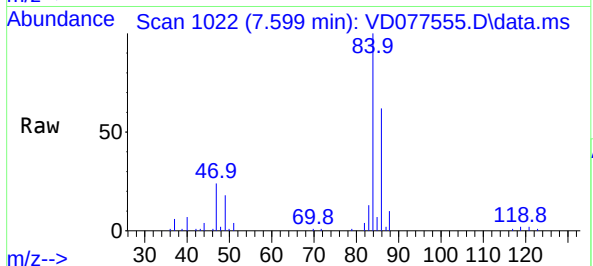




#25
Chloroform
Concen: 0.853 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077555.D
Acq: 14 Nov 2023 10:43

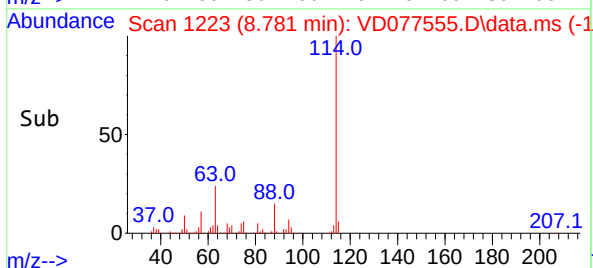
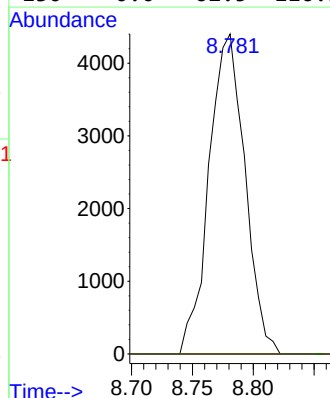
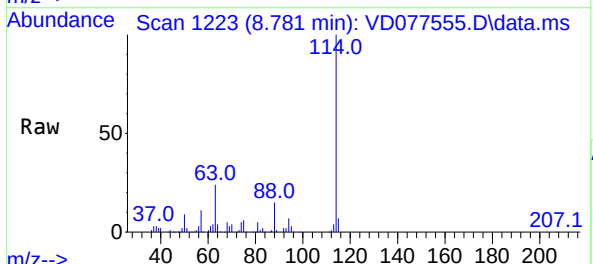
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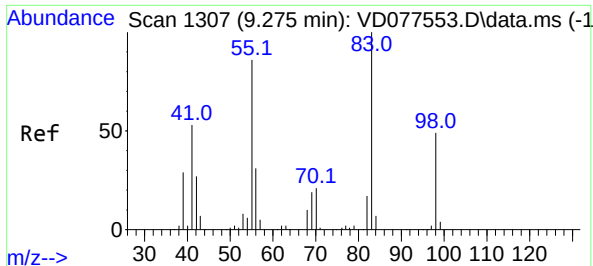
Tgt Ion: 83 Resp: 7231
Ion Ratio Lower Upper
83 100
85 51.8 45.9 85.3



#34
Trichloroethene
Concen: 1.864 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077555.D
Acq: 14 Nov 2023 10:43

Tgt Ion: 95 Resp: 9036
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#

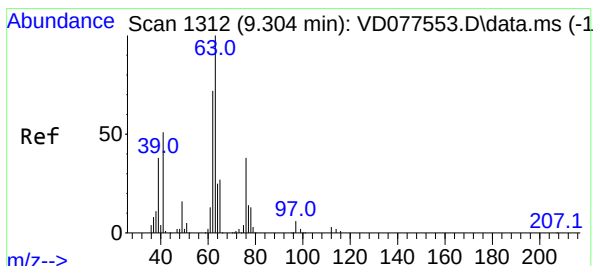
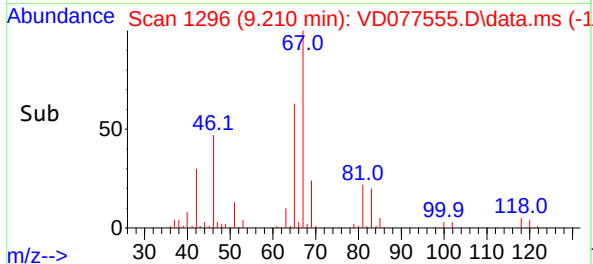
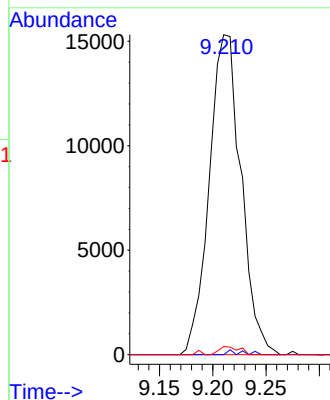
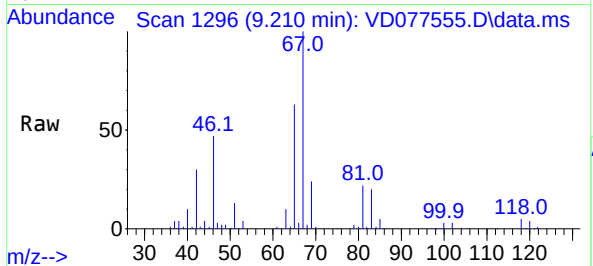




#35
Methylcyclohexane
Concen: 3.633 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077555.D
Acq: 14 Nov 2023 10:43

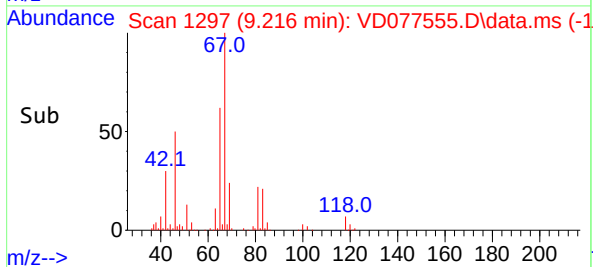
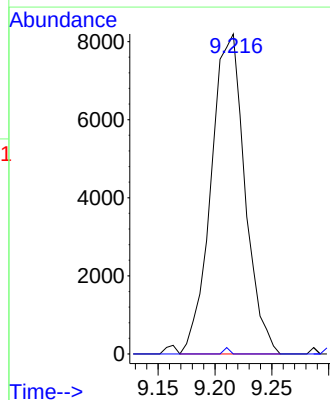
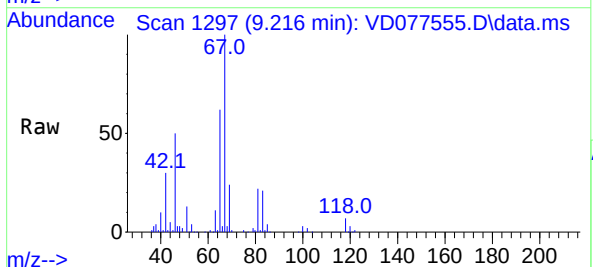
Instrument :
MSVOA_D
ClientSampleId :

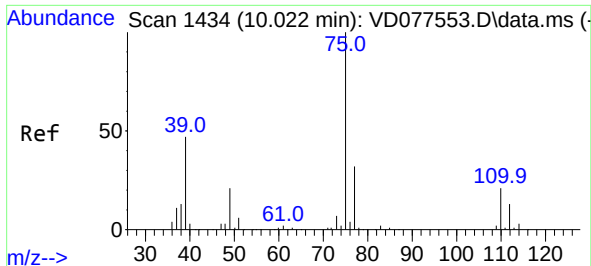
Tgt Ion: 83 Resp: 31782
Ion Ratio Lower Upper
83 100
55 0.3 66.5 99.7#
98 1.3 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 3.116 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD077555.D
Acq: 14 Nov 2023 10:43

Tgt Ion: 63 Resp: 16945
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.564 ug/L

RT: 9.987 min Scan# 1434

Delta R.T. -0.029 min

Lab File: VD077555.D

Acq: 14 Nov 2023 10:43

Instrument :

MSVOA_D

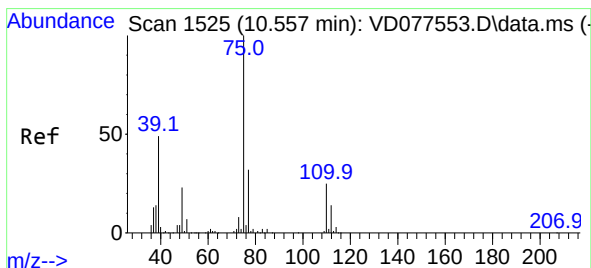
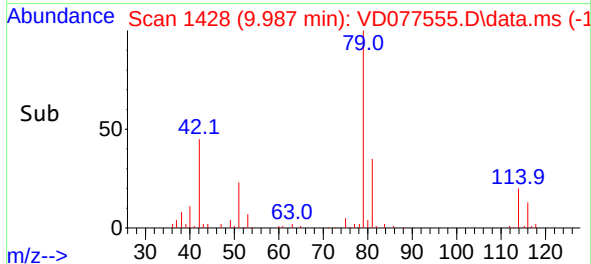
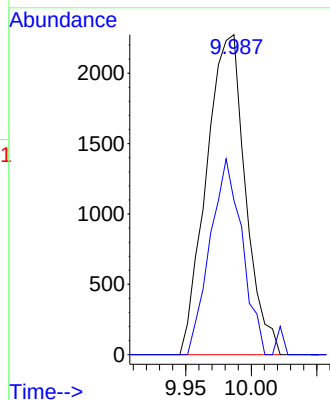
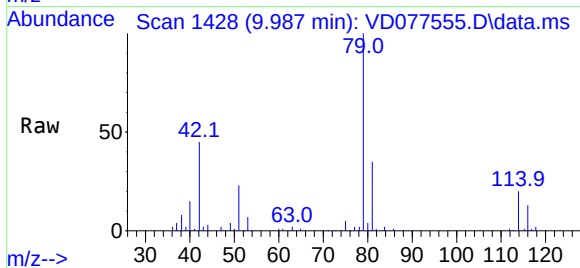
ClientSampleId :

Tgt Ion: 75 Resp: 4710

Ion Ratio Lower Upper

75 100

77 48.2 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD077555.D

Acq: 14 Nov 2023 10:43

Tgt Ion: 75 Resp: 3139

Ion Ratio Lower Upper

75 100

77 29.7 22.3 41.5

