

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020724\
 Data File : VD078359.D
 Acq On : 07 Feb 2024 13:40
 Operator : RP/MD
 Sample : VD0207SBL02
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 08 00:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 08 00:21:59 2024
 Response via : Initial Calibration

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

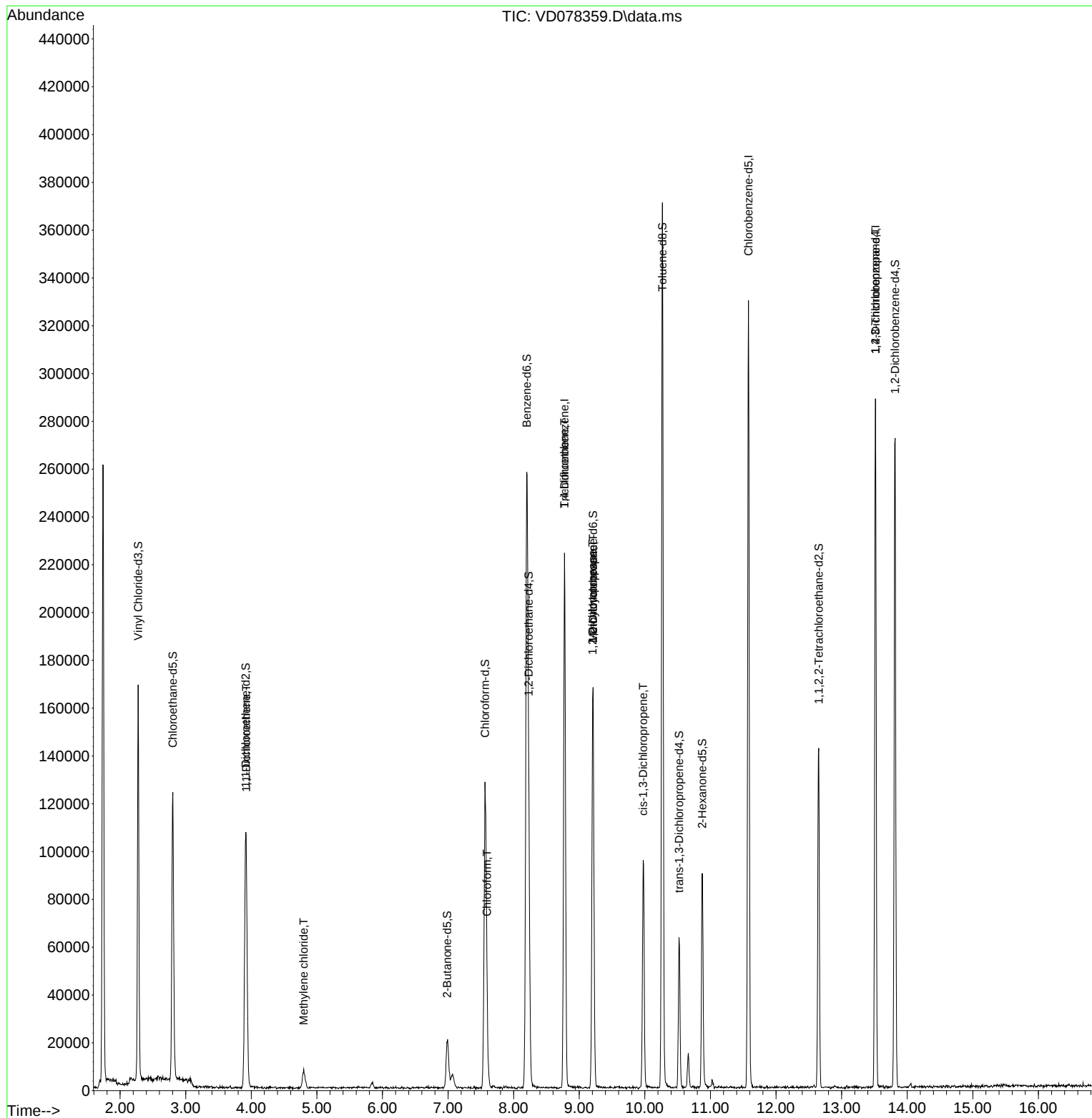
Internal Standards							
1) 1,4-Difluorobenzene		8.775	114	192684	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.581	117	188594	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.516	152	74418	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.275	65	149636	27.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.480%		
7) Chloroethane-d5		2.805	69	124634	27.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.480%		
11) 1,1-Dichloroethene-d2		3.916	65	30910	26.187	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.760%		
21) 2-Butanone-d5		6.987	46	34070	42.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 84.660%		
24) Chloroform-d		7.563	84	126754	23.072	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.280%		
26) 1,2-Dichloroethane-d4		8.228	65	75589	25.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.000%		
32) Benzene-d6		8.199	84	279264	25.324	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.280%		
36) 1,2-Dichloropropane-d6		9.210	67	85612	25.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.880%		
41) Toluene-d8		10.269	98	254754	25.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.880%		
43) trans-1,3-Dichloroprop...		10.522	79	35489	23.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.640%		
47) 2-Hexanone-d5		10.875	63	31488	45.714	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.420%		
56) 1,1,2,2-Tetrachloroeth...		12.651	84	73083	23.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.680%		
66) 1,2-Dichlorobenzene-d4		13.816	152	71675	26.903	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.600%		
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		3.922	96	812	0.290	ug/L #	1
16) Methylene chloride		4.799	84	5884	1.557	ug/L	93
25) Chloroform		7.593	83	13098	2.226	ug/L	89
34) Trichloroethene		8.775	95	6007	1.872	ug/L #	3
35) Methylcyclohexane		9.210	83	19747	3.932	ug/L #	20
37) 1,2-Dichloropropane		9.204	63	8988	2.684	ug/L #	87
39) cis-1,3-Dichloropropene		9.975	75	2505	0.481	ug/L #	73
61) 1,2,3-Trichloropropane		13.516	75	10496	5.529	ug/L #	65

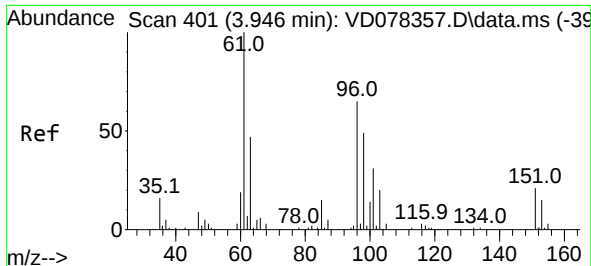
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Feb 08 00:21:59 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.290 ug/L

RT: 3.922 min Scan# 397

Delta R.T. -0.023 min

Lab File: VD078359.D

Acq: 07 Feb 2024 13:40

Instrument :

MSVOA_D

ClientSampleId :

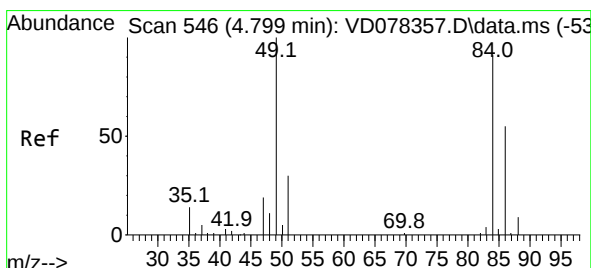
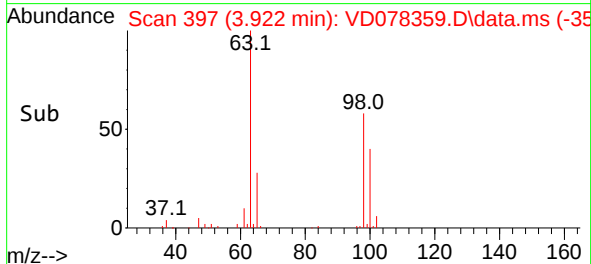
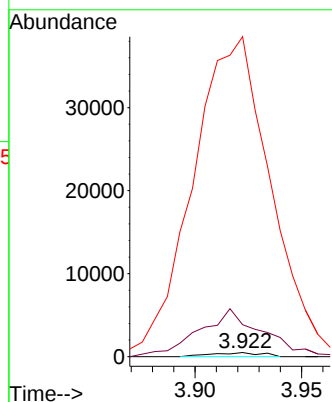
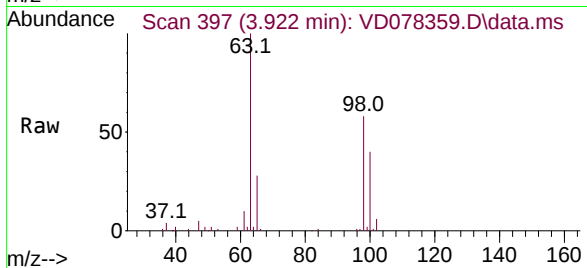
Tgt Ion: 96 Resp: 812

Ion Ratio Lower Upper

96 100

61 772.5 108.8 202.2#

63 7741.4 65.2 121.0#



#16

Methylene chloride

Concen: 1.557 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD078359.D

Acq: 07 Feb 2024 13:40

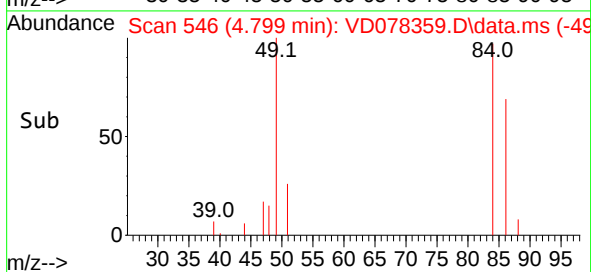
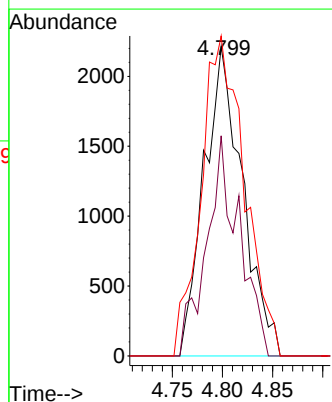
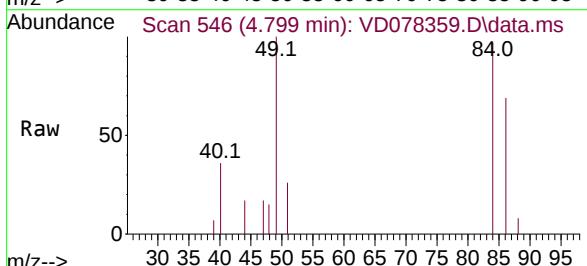
Tgt Ion: 84 Resp: 5884

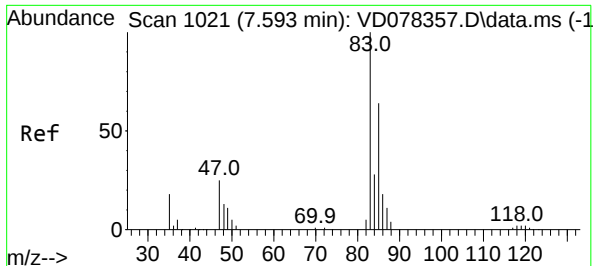
Ion Ratio Lower Upper

84 100

86 71.1 45.4 84.2

49 103.3 77.3 143.7





#25

Chloroform

Concen: 2.226 ug/L

RT: 7.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078359.D

Acq: 07 Feb 2024 13:40

Instrument :

MSVOA_D

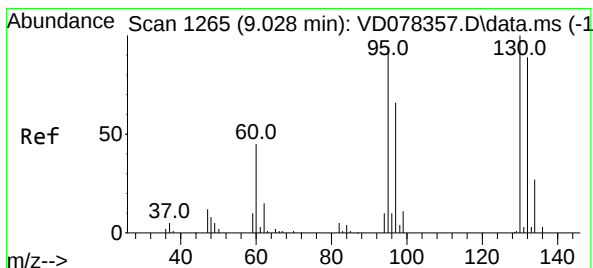
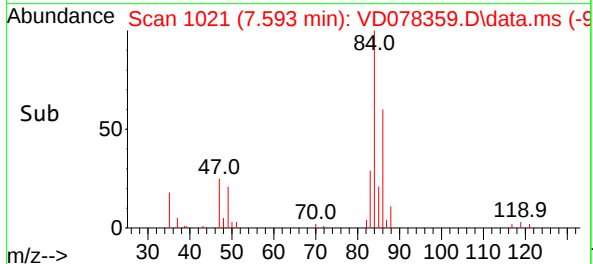
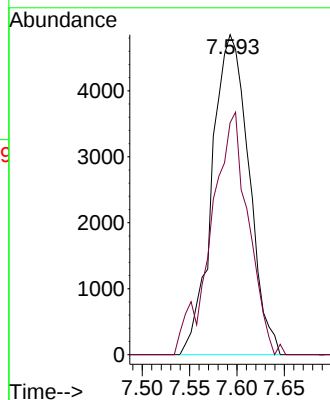
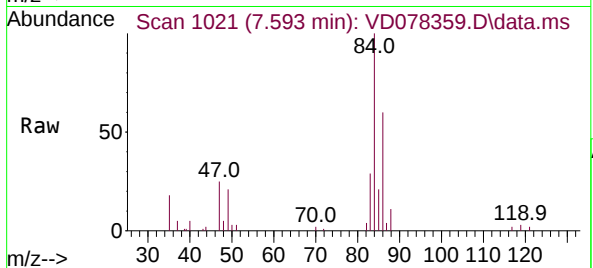
ClientSampleId :

Tgt Ion: 83 Resp: 13098

Ion Ratio Lower Upper

83 100

85 72.5 44.9 83.3



#34

Trichloroethene

Concen: 1.872 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD078359.D

Acq: 07 Feb 2024 13:40

Tgt Ion: 95 Resp: 6007

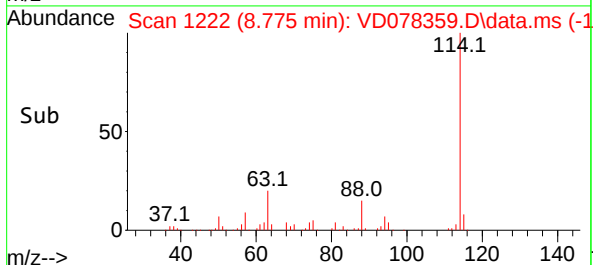
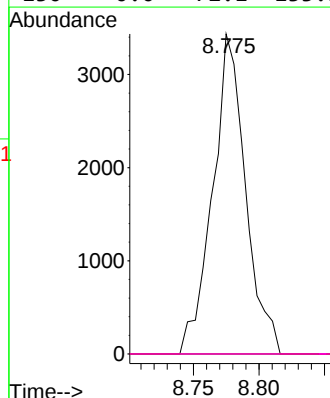
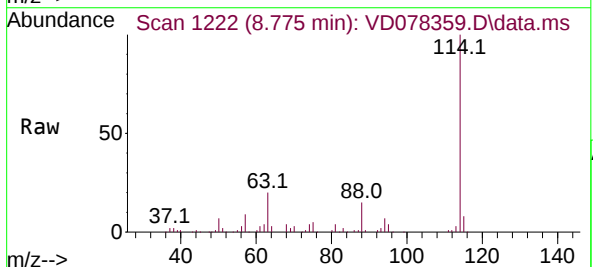
Ion Ratio Lower Upper

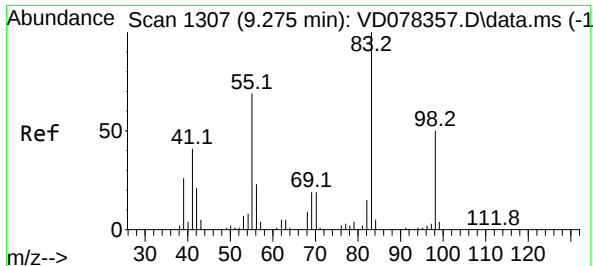
95 100

97 0.0 46.9 87.1#

132 0.0 73.7 136.9#

130 0.0 72.1 133.9#

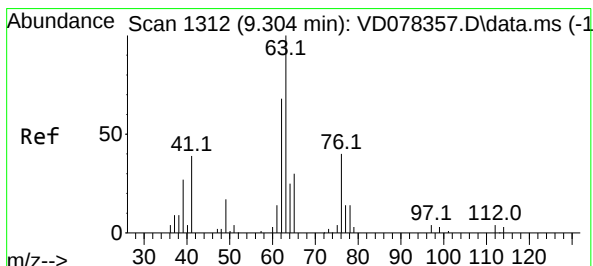
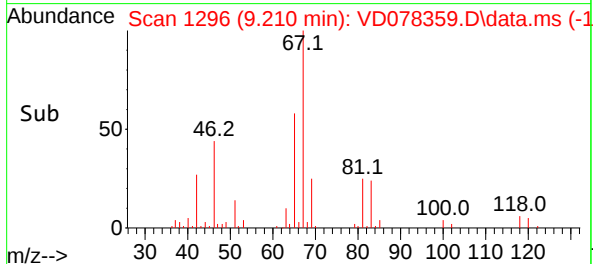
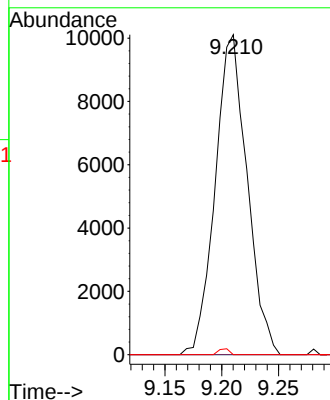
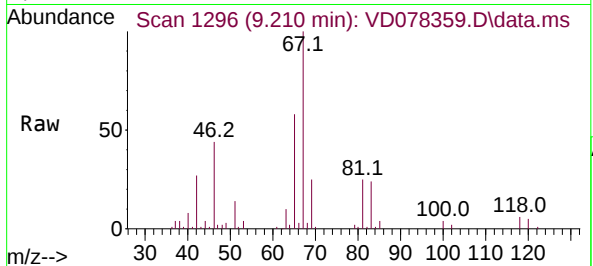




#35
Methylcyclohexane
Concen: 3.932 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078359.D
Acq: 07 Feb 2024 13:40

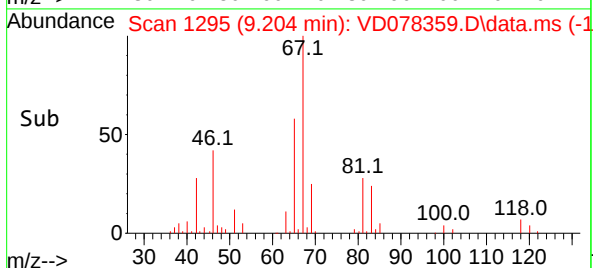
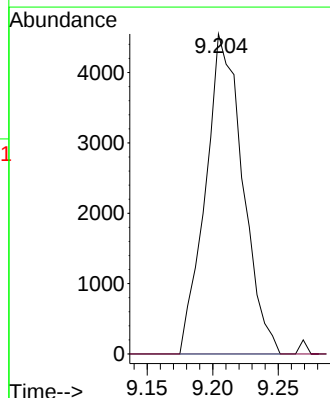
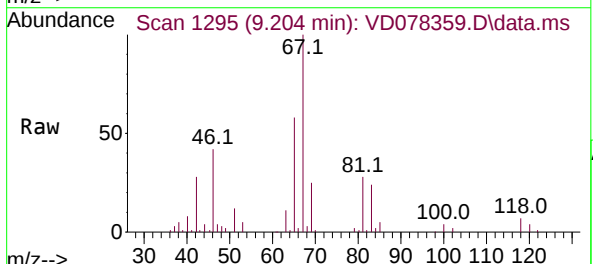
Instrument :
MSVOA_D
ClientSampleId :

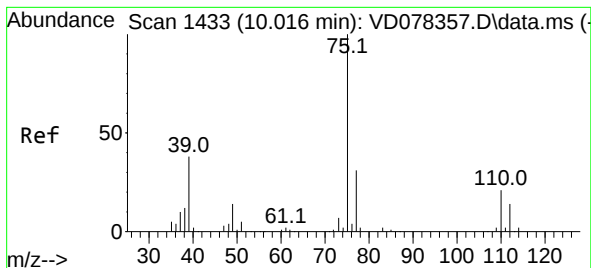
Tgt Ion: 83 Resp: 19747
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 0.6 41.2 61.8#



#37
1,2-Dichloropropane
Concen: 2.684 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD078359.D
Acq: 07 Feb 2024 13:40

Tgt Ion: 63 Resp: 8988
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

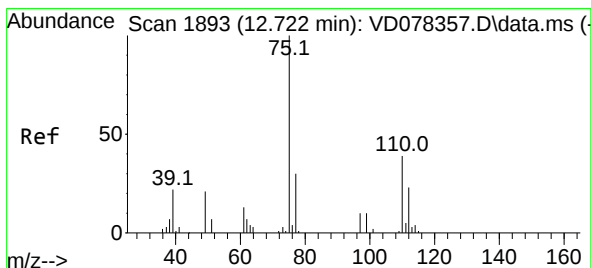
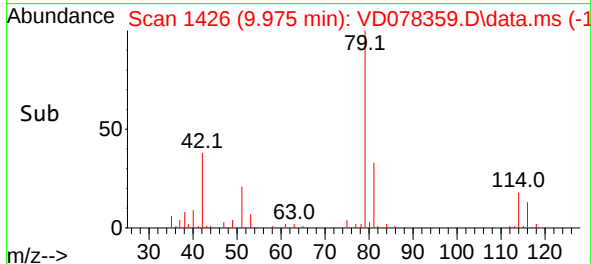
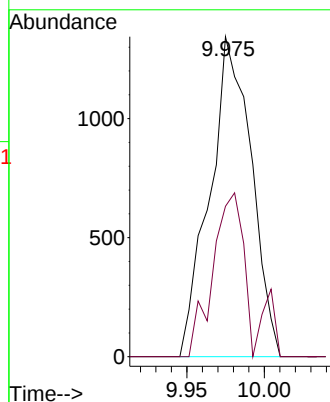
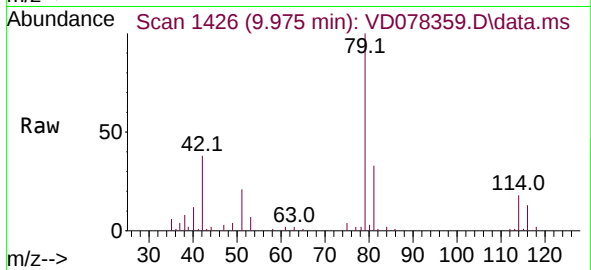




#39
 cis-1,3-Dichloropropene
 Concen: 0.481 ug/L
 RT: 9.975 min Scan# 1433
 Delta R.T. -0.041 min
 Lab File: VD078359.D
 Acq: 07 Feb 2024 13:40

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 2505
 Ion Ratio Lower Upper
 75 100
 77 47.0 22.3 41.5#



#61
 1,2,3-Trichloropropane
 Concen: 5.529 ug/L
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.794 min
 Lab File: VD078359.D
 Acq: 07 Feb 2024 13:40

Tgt Ion: 75 Resp: 10496
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.5 39.7
 110 1.5 31.8 47.8#

