

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079011.D
 Acq On : 24 May 2024 11:47
 Operator : RP/MD
 Sample : P2570-19
 Misc : 6.40G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:25:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

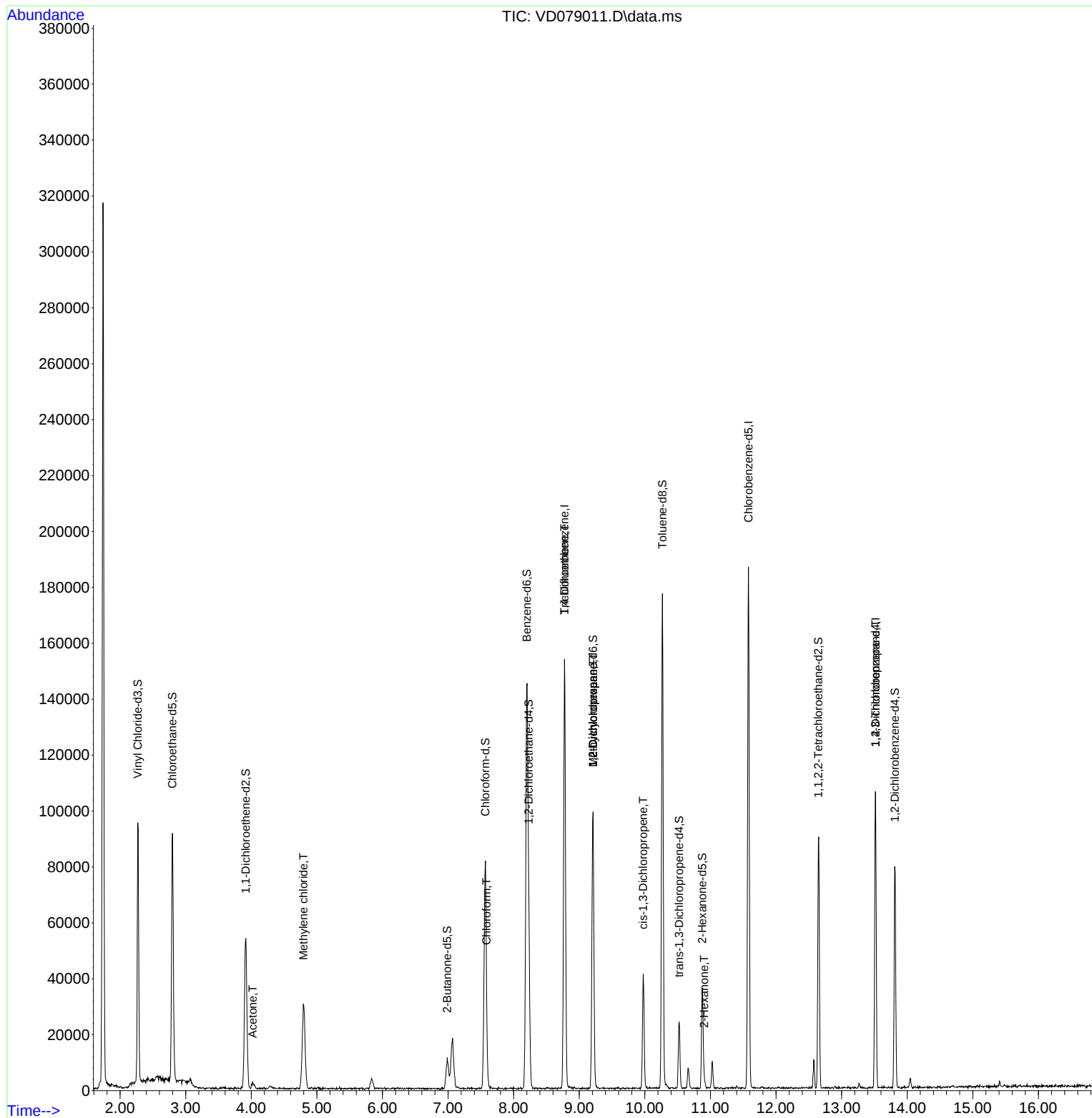
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	145885	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	117841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	30248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	87655	24.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.040%
7) Chloroethane-d5	2.799	69	97512	25.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.880%
11) 1,1-Dichloroethene-d2	3.916	65	15482	22.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.760%
21) 2-Butanone-d5	6.987	46	16906	33.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.800%
24) Chloroform-d	7.569	84	86873	20.003	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	8.228	65	42604	20.657	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.640%
32) Benzene-d6	8.199	84	164282	27.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.280%
36) 1,2-Dichloropropane-d6	9.210	67	51399	28.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.200%
41) Toluene-d8	10.269	98	125830	22.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.522	79	15010	17.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.160%
47) 2-Hexanone-d5	10.875	63	12599	34.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.620%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	47350	22.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	23760	23.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%
Target Compounds						Qvalue
13) Acetone	4.022	43	2943	4.813	ug/L	51
16) Methylene chloride	4.793	84	25789	7.463	ug/L	92
25) Chloroform	7.587	83	1386	0.267	ug/L	88
34) Trichloroethene	8.775	95	3696	1.776	ug/L #	3
35) Methylcyclohexane	9.210	83	12501	3.996	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	5214	2.547	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1177	0.367	ug/L #	57
48) 2-Hexanone	10.904	43	1070	1.335	ug/L #	41
61) 1,2,3-Trichloropropane	13.516	75	3869	5.580	ug/L #	58

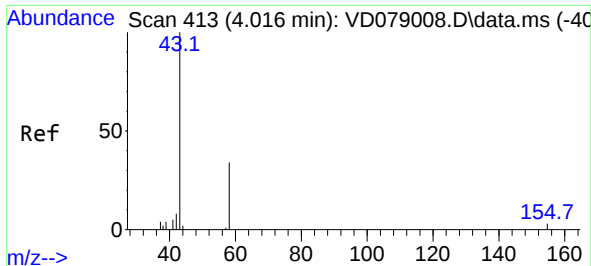
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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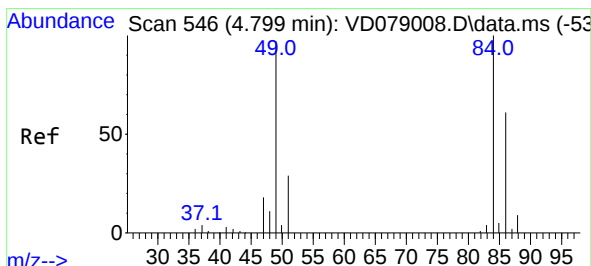
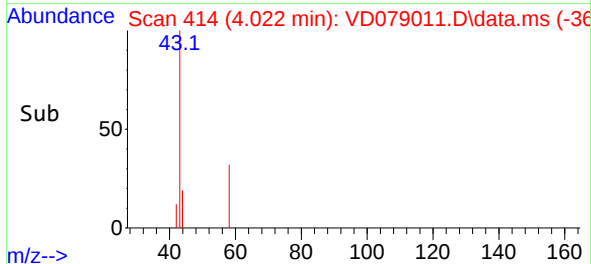
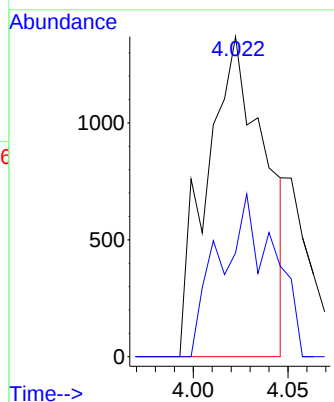
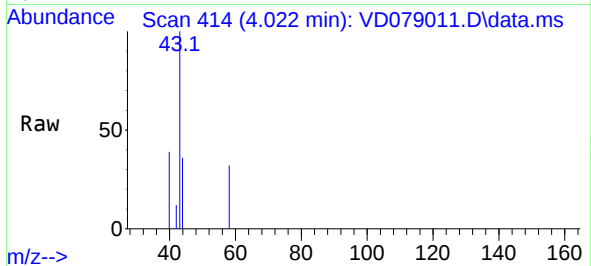




#13
Acetone
Concen: 4.813 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

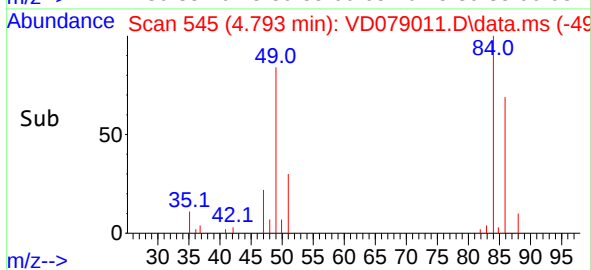
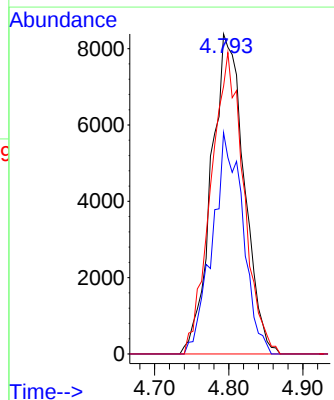
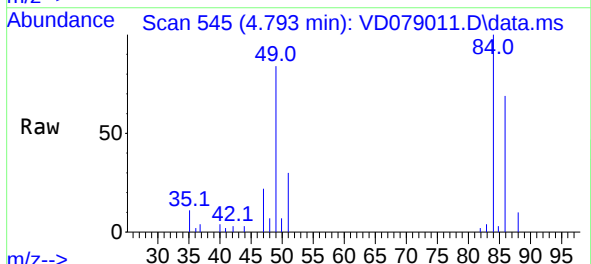
Instrument :
MSVOA_D
ClientSampleId :

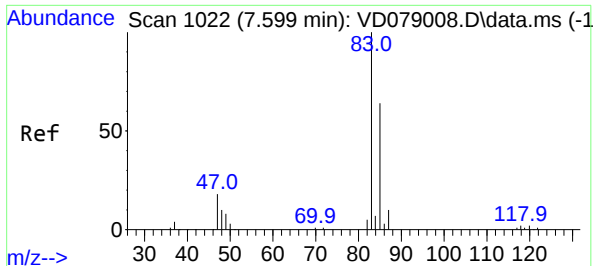
Tgt Ion: 43 Resp: 2943
Ion Ratio Lower Upper
43 100
58 8.4 0.0 75.0



#16
Methylene chloride
Concen: 7.463 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

Tgt Ion: 84 Resp: 25789
Ion Ratio Lower Upper
84 100
86 69.2 43.7 81.1
49 83.6 64.0 119.0

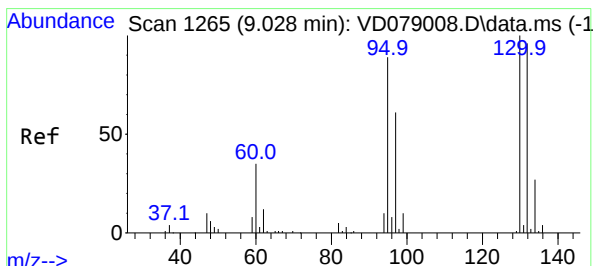
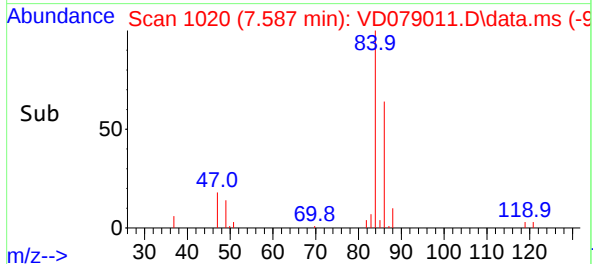
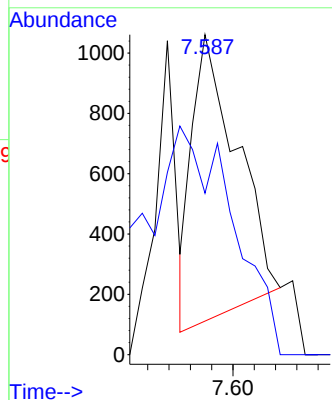
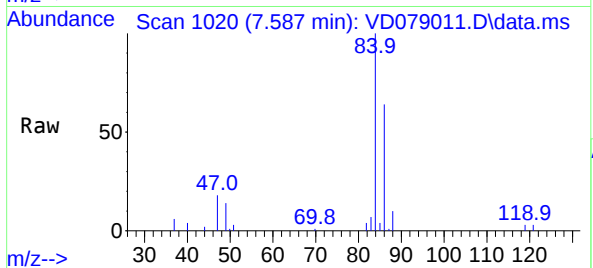




#25
Chloroform
Concen: 0.267 ug/L
RT: 7.587 min Scan# 10
Delta R.T. -0.012 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

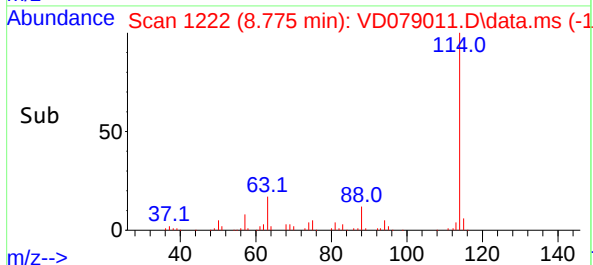
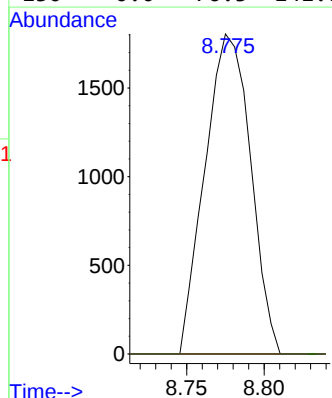
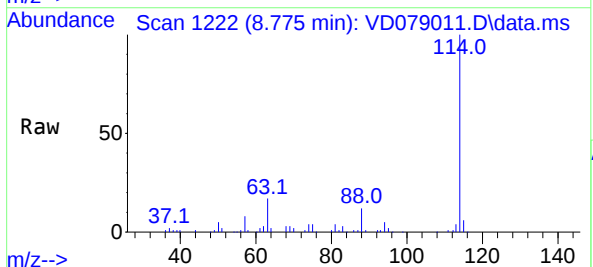
Instrument :
MSVOA_D
ClientSampleId :

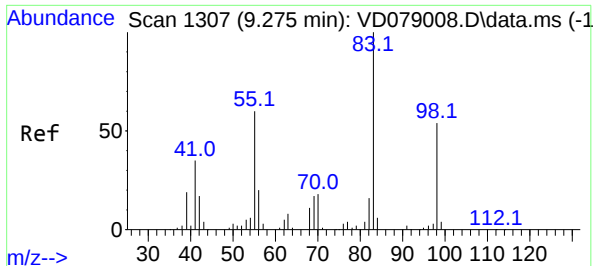
Tgt Ion: 83 Resp: 1386
Ion Ratio Lower Upper
83 100
85 50.4 41.8 77.6



#34
Trichloroethene
Concen: 1.776 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

Tgt Ion: 95 Resp: 3696
Ion Ratio Lower Upper
95 100
97 0.0 42.6 79.2#
132 0.0 69.5 129.1#
130 0.0 76.3 141.7#





#35

Methylcyclohexane

Concen: 3.996 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD079011.D

Acq: 24 May 2024 11:47

Instrument :

MSVOA_D

ClientSampleId :

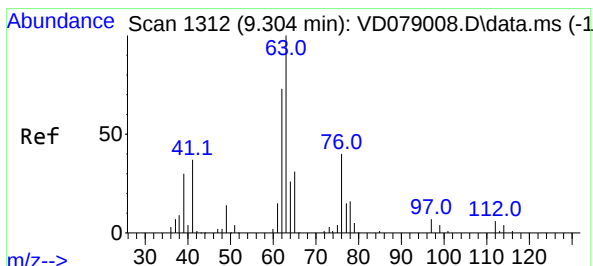
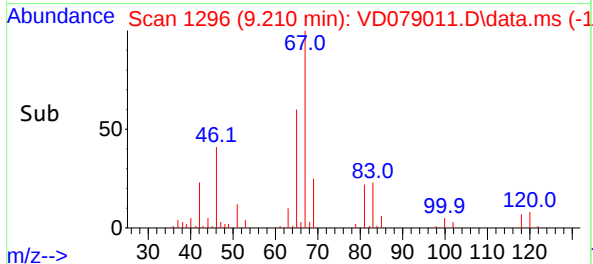
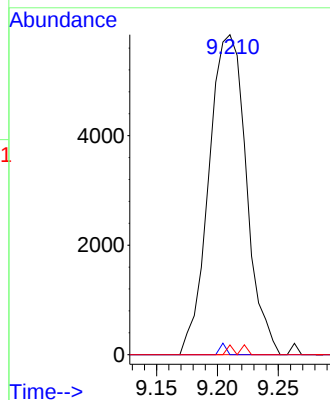
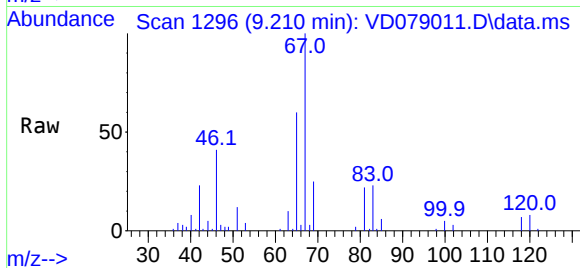
Tgt Ion: 83 Resp: 12501

Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.6#

98 0.5 40.1 60.1#



#37

1,2-Dichloropropane

Concen: 2.547 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD079011.D

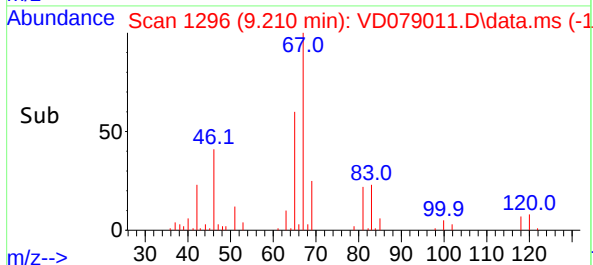
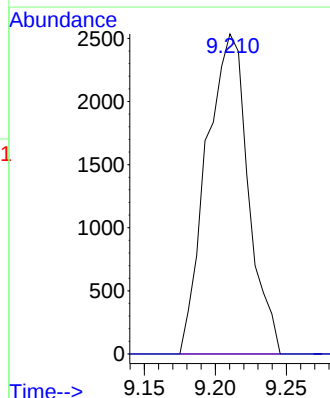
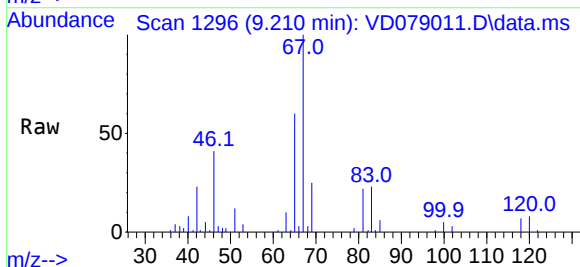
Acq: 24 May 2024 11:47

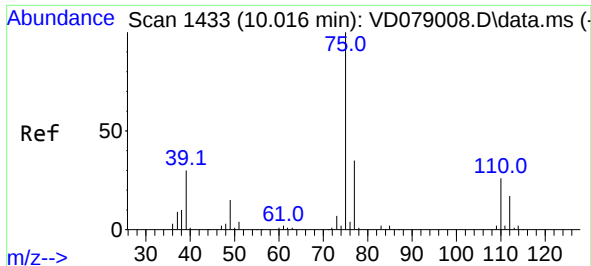
Tgt Ion: 63 Resp: 5214

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

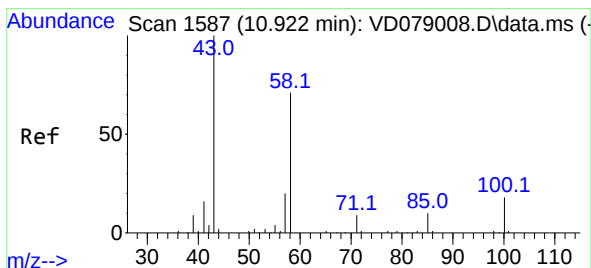
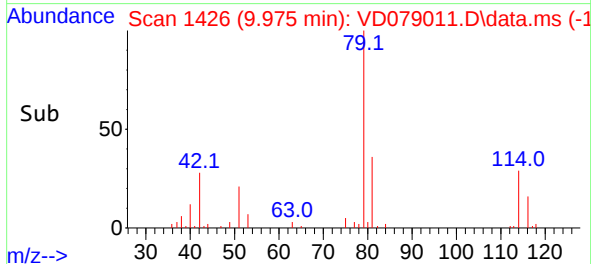
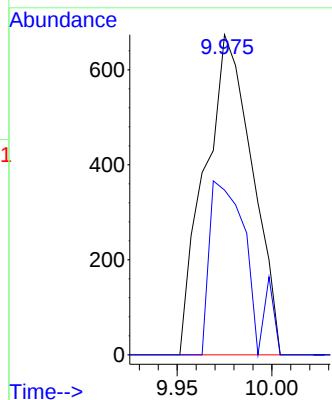
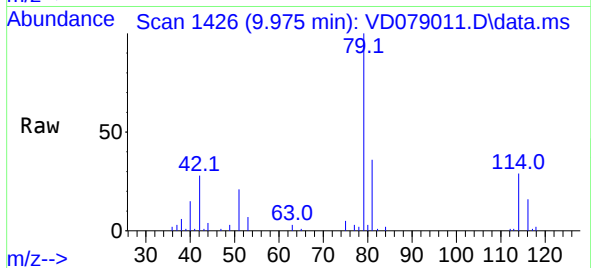




#39
cis-1,3-Dichloropropene
Concen: 0.367 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

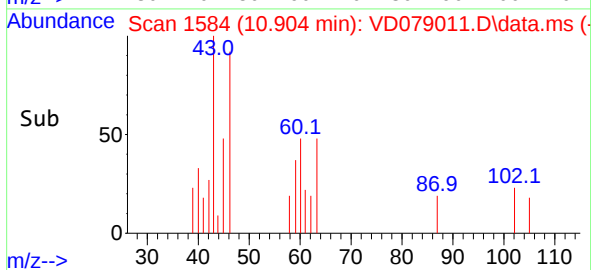
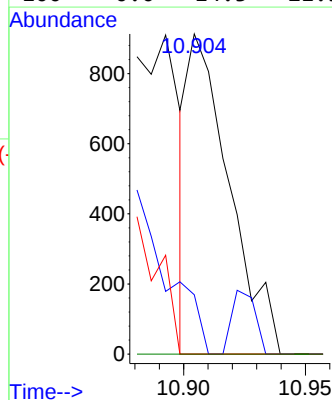
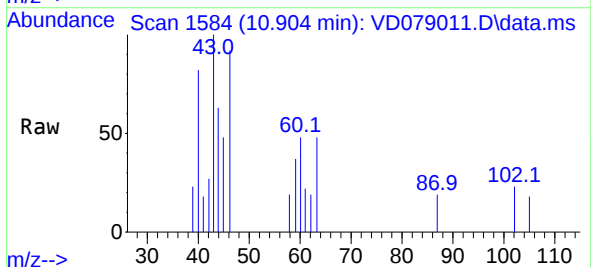
Instrument :
MSVOA_D
ClientSampleId :

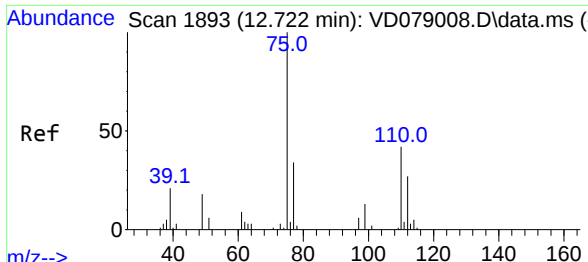
Tgt Ion: 75 Resp: 1177
Ion Ratio Lower Upper
75 100
77 51.5 20.0 37.2#



#48
2-Hexanone
Concen: 1.335 ug/L
RT: 10.904 min Scan# 1584
Delta R.T. -0.018 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 12.3 53.4 80.2#
57 0.0 17.0 25.4#
100 0.0 14.3 21.5#





#61
1,2,3-Trichloropropane
Concen: 5.580 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD079011.D
Acq: 24 May 2024 11:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75	Resp:	3869
Ion	Ratio	Lower Upper
75	100	
77	31.4	26.2 39.2
110	0.0	37.1 55.7#

