

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079015.D
 Acq On : 24 May 2024 13:37
 Operator : RP/MD
 Sample : P2570-14
 Misc : 6.46G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:25:48 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)

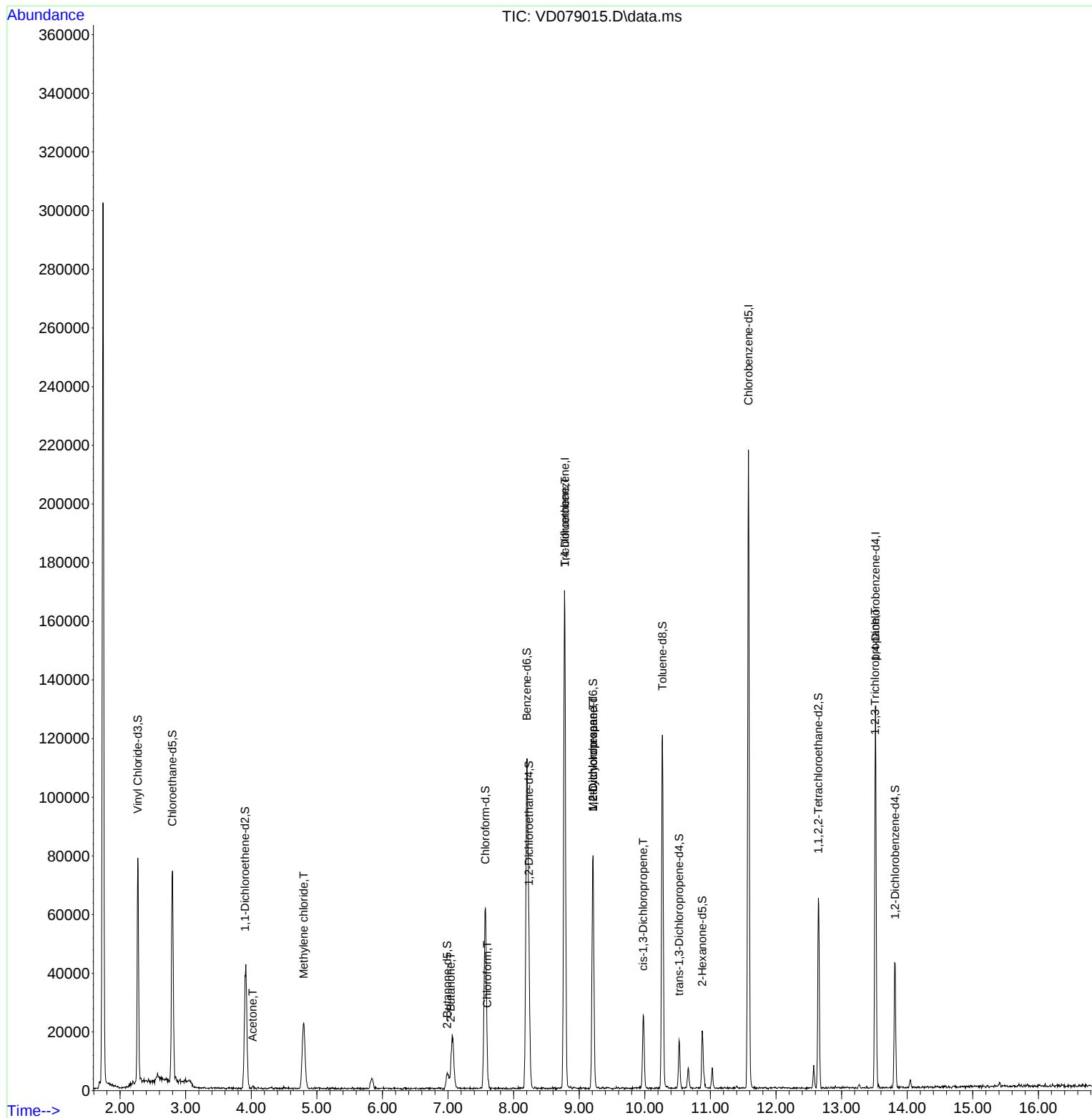
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	159353	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	131280	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	36682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	74323	19.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.120%
7) Chloroethane-d5	2.799	69	78995	18.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
11) 1,1-Dichloroethene-d2	3.905	65	6084	7.984	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.920%#
21) 2-Butanone-d5	6.987	46	8079	14.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	29.220%
24) Chloroform-d	7.569	84	67316	14.190	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	56.760%
26) 1,2-Dichloroethane-d4	8.234	65	35673	15.834	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.320%#
32) Benzene-d6	8.199	84	126273	18.851	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	9.210	67	40264	19.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.920%
41) Toluene-d8	10.269	98	89503	14.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.000%
43) trans-1,3-Dichloroprop...	10.522	79	9972	10.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	42.440%
47) 2-Hexanone-d5	10.875	63	6737	16.470	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.940%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	33169	14.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	12496	10.037	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	40.160%#
Target Compounds					Qvalue	
13) Acetone	4.022	43	827	1.238	ug/L	58
16) Methylene chloride	4.799	84	19934	5.281	ug/L	97
22) 2-Butanone	7.040	43	1605	2.090	ug/L #	41
25) Chloroform	7.599	83	1622	0.286	ug/L	80
34) Trichloroethene	8.781	95	4324	1.865	ug/L #	3
35) Methylcyclohexane	9.210	83	10218	2.932	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	4100	1.798	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1016	0.284	ug/L #	46
61) 1,2,3-Trichloropropane	13.510	75	4388	5.219	ug/L #	55

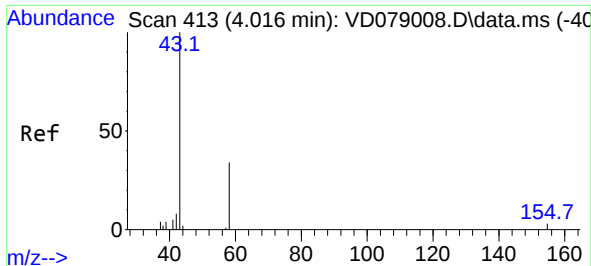
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

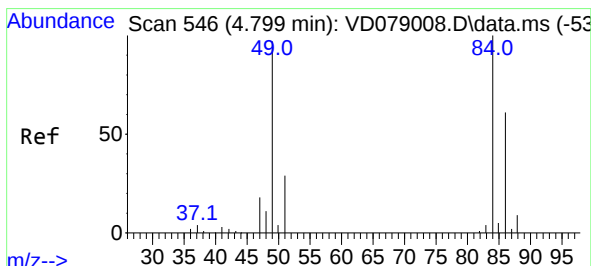
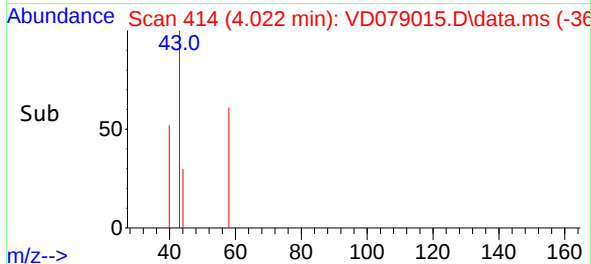
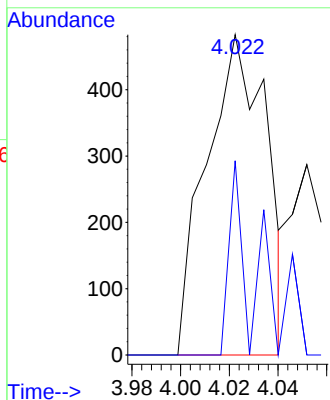
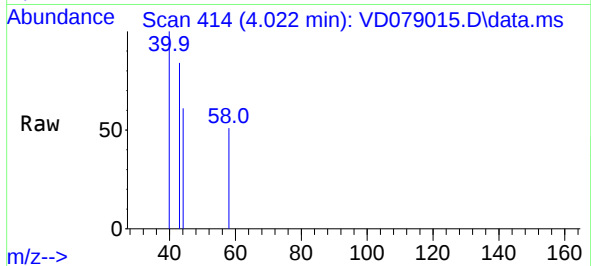




#13
Acetone
Concen: 1.238 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

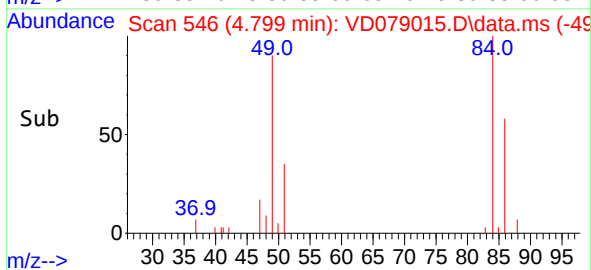
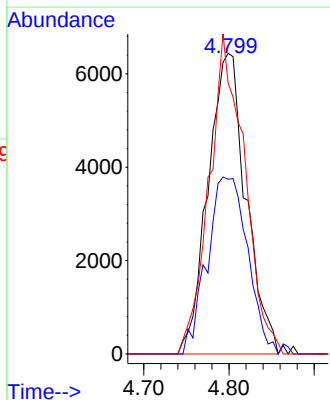
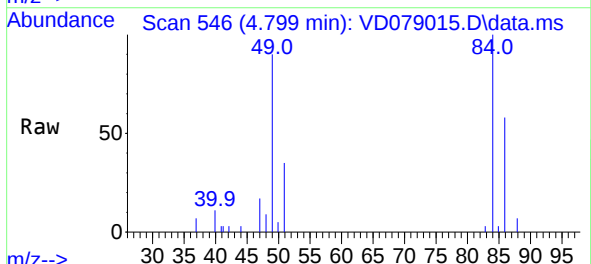
Instrument :
MSVOA_D
ClientSampleId :

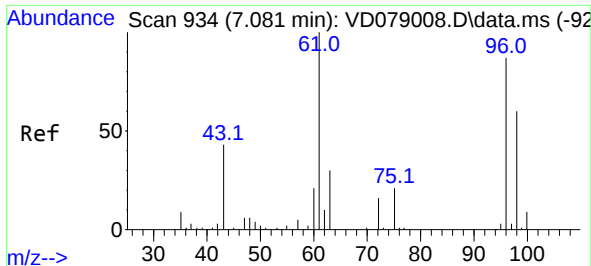
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 12.5 0.0 75.0



#16
Methylene chloride
Concen: 5.281 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

Tgt Ion: 84 Resp: 19934
Ion Ratio Lower Upper
84 100
86 58.1 43.7 81.1
49 90.2 64.0 119.0

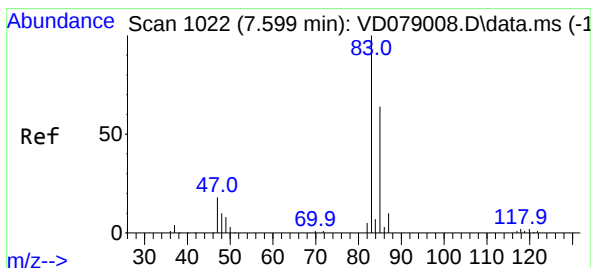
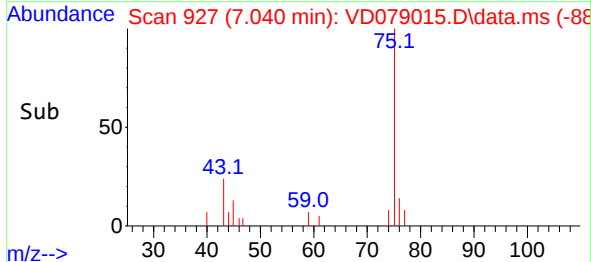
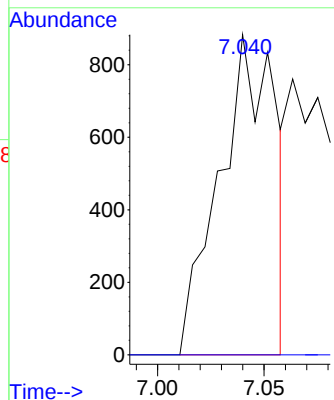
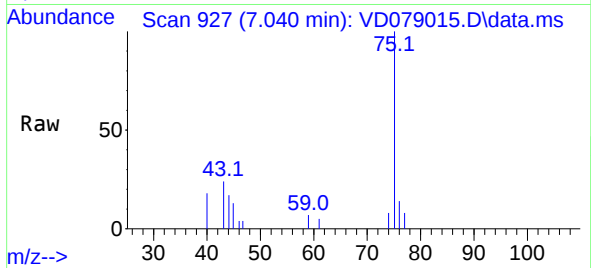




#22
2-Butanone
Concen: 2.090 ug/L
RT: 7.040 min Scan# 91
Delta R.T. -0.047 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

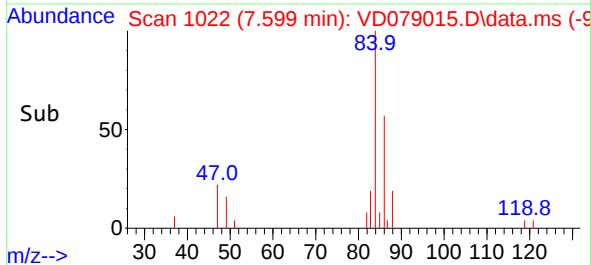
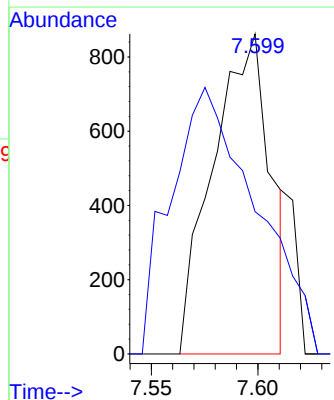
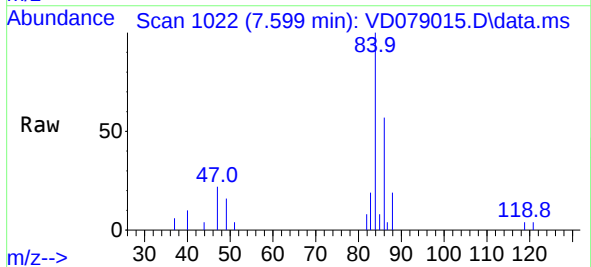
Instrument :
MSVOA_D
ClientSampleId :

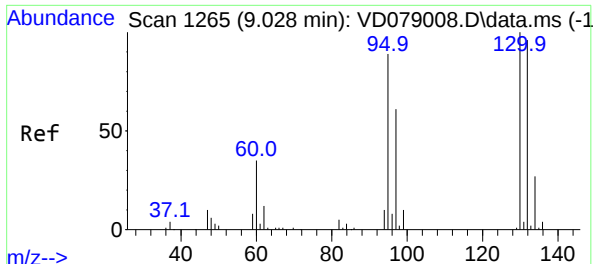
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
72 0.0 17.1 51.2#



#25
Chloroform
Concen: 0.286 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

Tgt Ion: 83 Resp: 1622
Ion Ratio Lower Upper
83 100
85 44.4 41.8 77.6



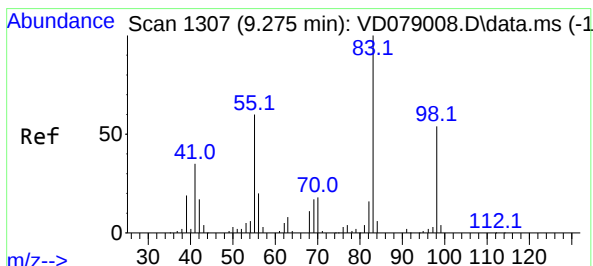
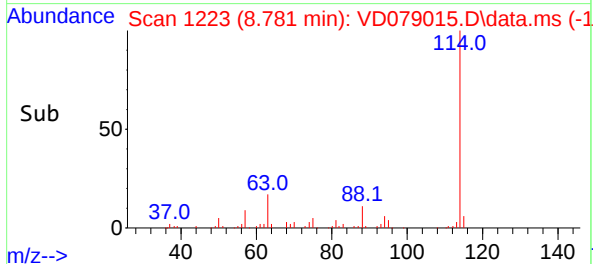
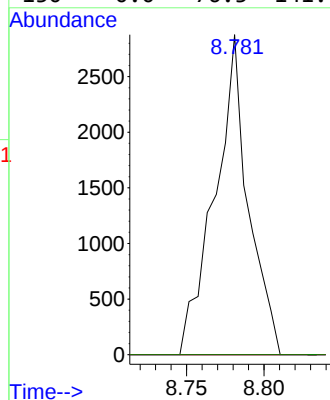
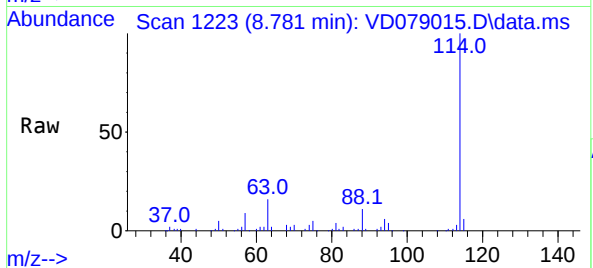


#34
Trichloroethene
Concen: 1.865 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 4324

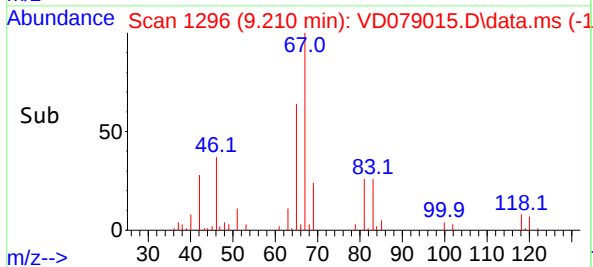
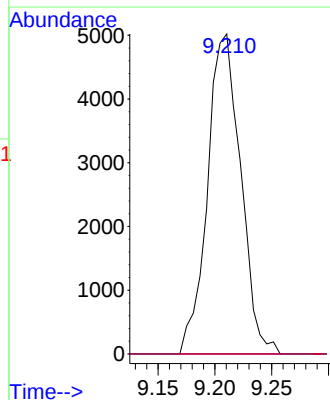
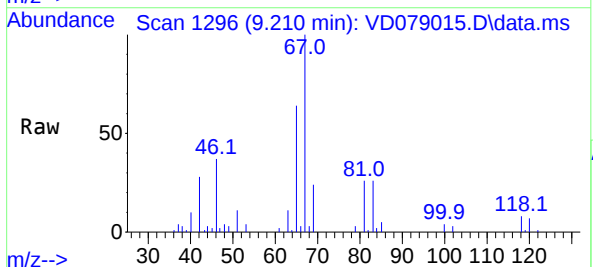
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.6	79.2#
132	0.0	69.5	129.1#
130	0.0	76.3	141.7#

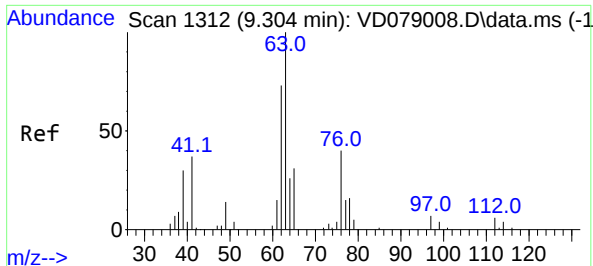


#35
Methylcyclohexane
Concen: 2.932 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

Tgt Ion: 83 Resp: 10218

Ion	Ratio	Lower	Upper
83	100		
55	0.0	49.0	73.6#
98	0.0	40.1	60.1#

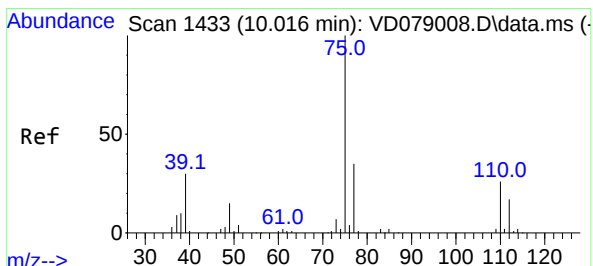
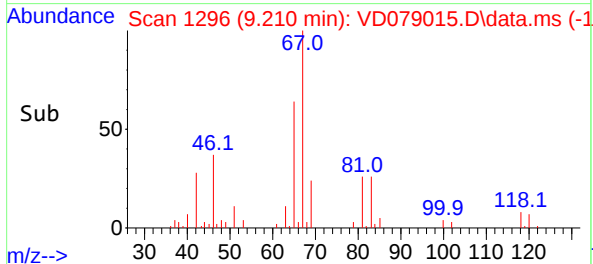
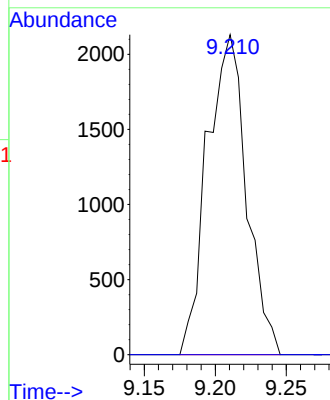
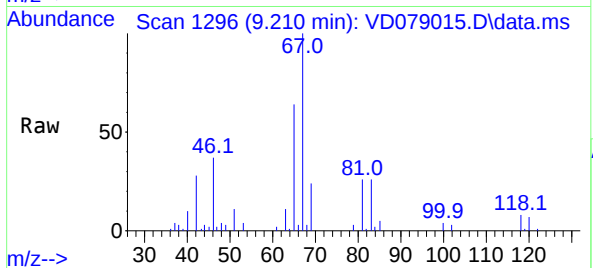




#37
1,2-Dichloropropane
Concen: 1.798 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

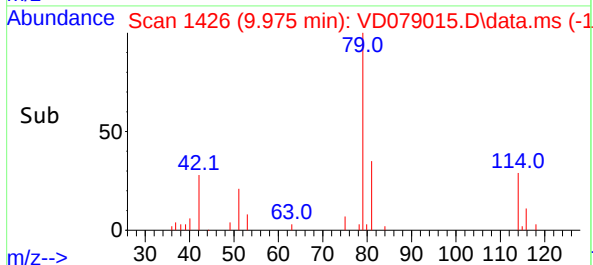
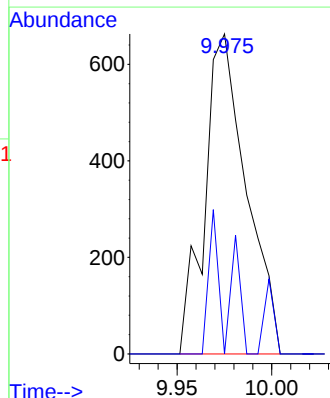
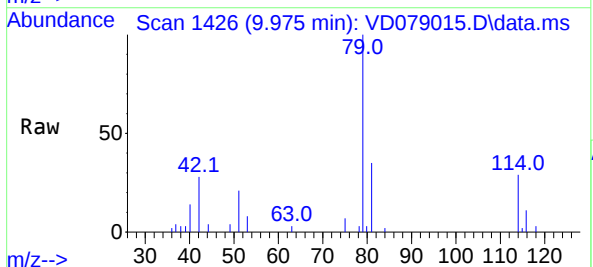
Instrument :
MSVOA_D
ClientSampleId :

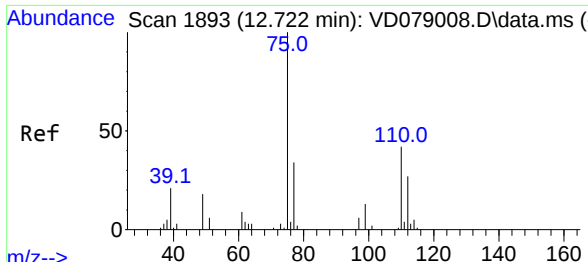
Tgt Ion: 63 Resp: 4100
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.284 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079015.D
Acq: 24 May 2024 13:37

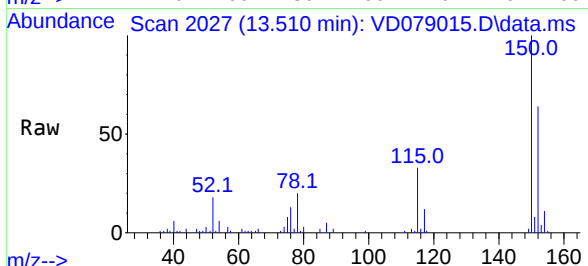
Tgt Ion: 75 Resp: 1016
Ion Ratio Lower Upper
75 100
77 0.0 20.0 37.2#





#61
 1,2,3-Trichloropropane
 Concen: 5.219 ug/L
 RT: 13.510 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD079015.D
 Acq: 24 May 2024 13:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 4388

Ion	Ratio	Lower	Upper
75	100		
77	26.9	26.2	39.2
110	0.0	37.1	55.7#

