

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079027.D
 Acq On : 24 May 2024 19:48
 Operator : RP/MD
 Sample : P2577-18
 Misc : 5.86G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:27:27 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)

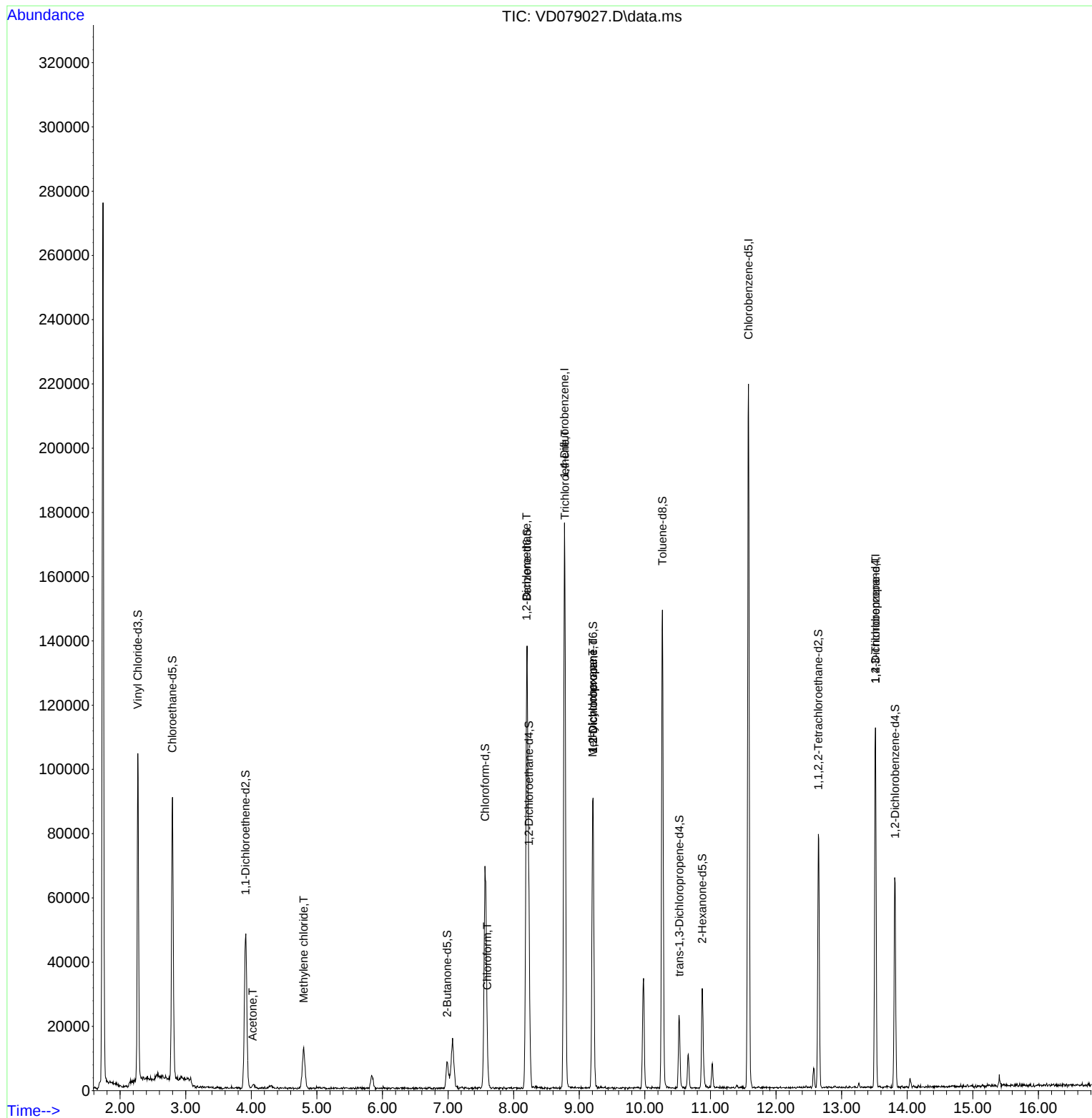
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	165814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	135410	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	33284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	96926	23.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.400%
7) Chloroethane-d5	2.799	69	93288	21.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	3.910	65	13389	16.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.560%
21) 2-Butanone-d5	6.987	46	13729	23.862	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.720%
24) Chloroform-d	7.563	84	75089	15.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.840%
26) 1,2-Dichloroethane-d4	8.234	65	39908	17.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.080%#
32) Benzene-d6	8.204	84	149445	21.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.520%
36) 1,2-Dichloropropane-d6	9.210	67	46313	21.999	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	10.269	98	108972	17.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.440%
43) trans-1,3-Dichloroprop...	10.528	79	13429	13.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.400%
47) 2-Hexanone-d5	10.875	63	10933	25.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.820%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	41015	17.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.520%
66) 1,2-Dichlorobenzene-d4	13.816	152	19396	17.169	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.680%#
Target Compounds	Qvalue					
13) Acetone	4.022	43	1267	1.823	ug/L	72
16) Methylene chloride	4.799	84	10726	2.731	ug/L	89
25) Chloroform	7.599	83	6139	1.042	ug/L	94
27) 1,2-Dichloroethane	8.198	62	814	0.238	ug/L #	68
34) Trichloroethene	8.781	95	4704	1.967	ug/L #	3
35) Methylcyclohexane	9.204	83	11817	3.287	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	3814	1.621	ug/L #	85
61) 1,2,3-Trichloropropane	13.516	75	3755	4.922	ug/L #	59

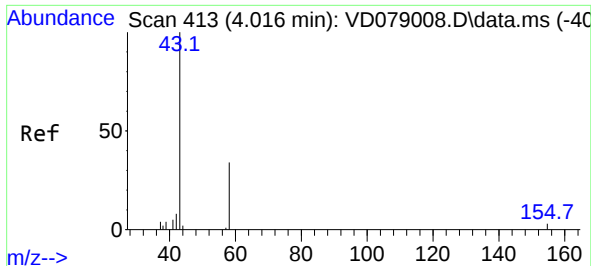
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration

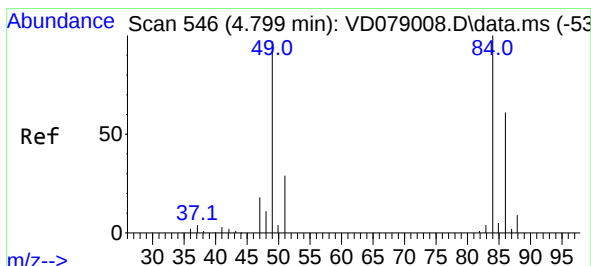
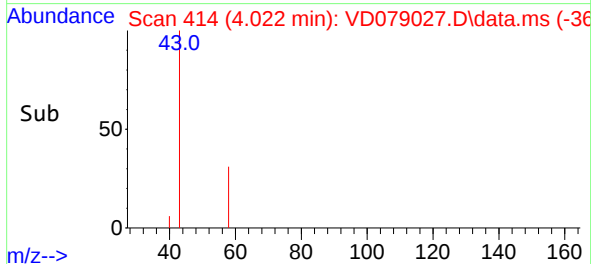
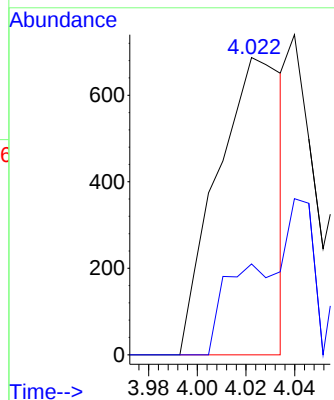
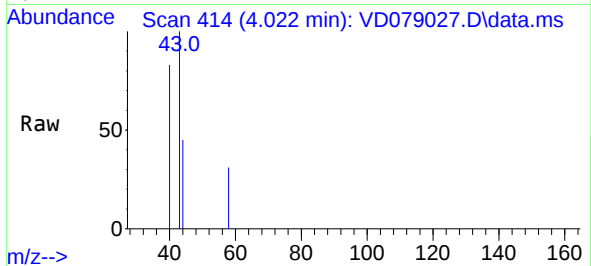




#13
Acetone
Concen: 1.823 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD079027.D
Acq: 24 May 2024 19:48

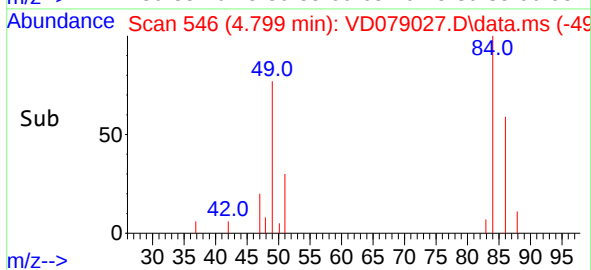
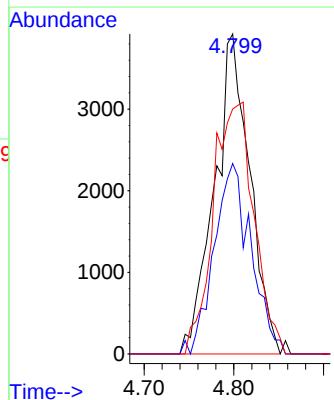
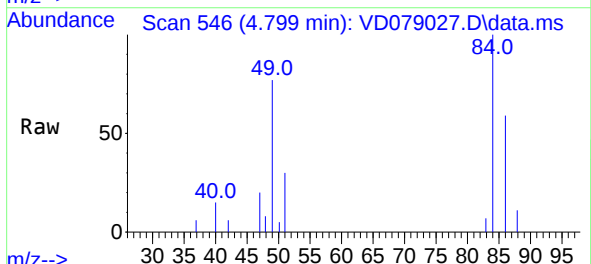
Instrument :
MSVOA_D
ClientSampleId :

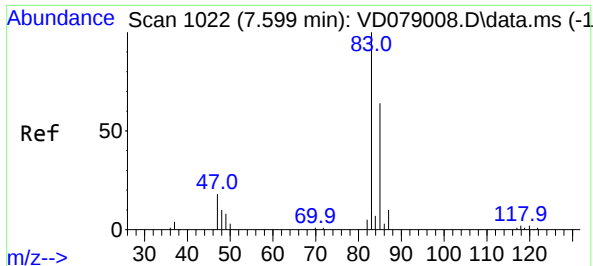
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 20.8 0.0 75.0



#16
Methylene chloride
Concen: 2.731 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079027.D
Acq: 24 May 2024 19:48

Tgt Ion: 84 Resp: 10726
Ion Ratio Lower Upper
84 100
86 59.5 43.7 81.1
49 76.5 64.0 119.0





#25

Chloroform

Concen: 1.042 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD079027.D

Acq: 24 May 2024 19:48

Instrument :

MSVOA_D

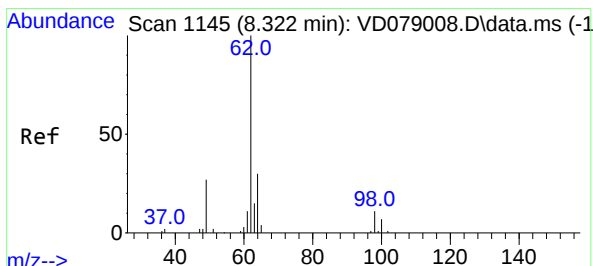
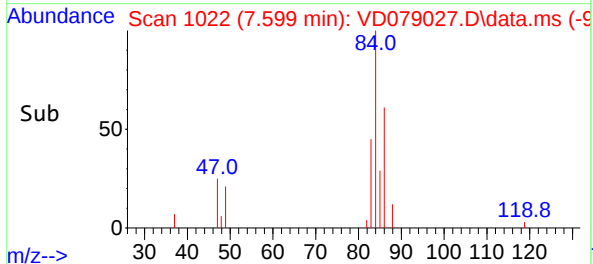
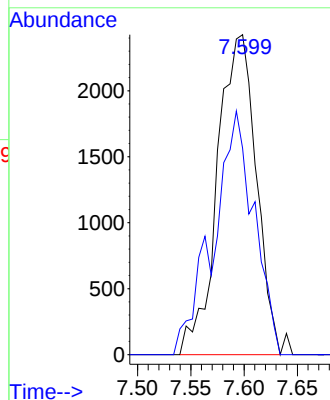
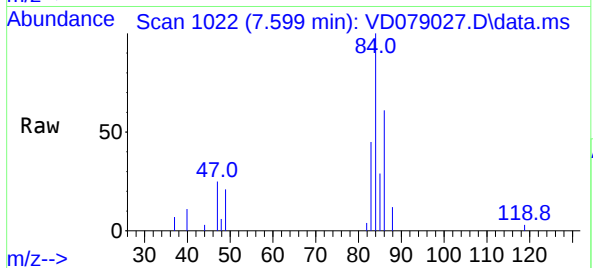
ClientSampleId :

Tgt Ion: 83 Resp: 6139

Ion Ratio Lower Upper

83 100

85 64.5 41.8 77.6



#27

1,2-Dichloroethane

Concen: 0.238 ug/L

RT: 8.198 min Scan# 1124

Delta R.T. -0.130 min

Lab File: VD079027.D

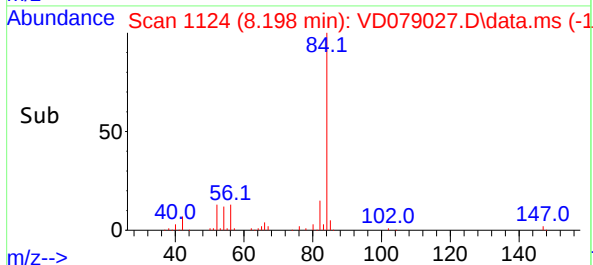
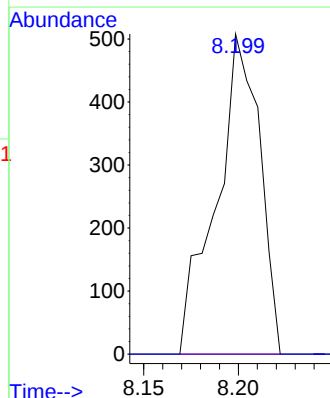
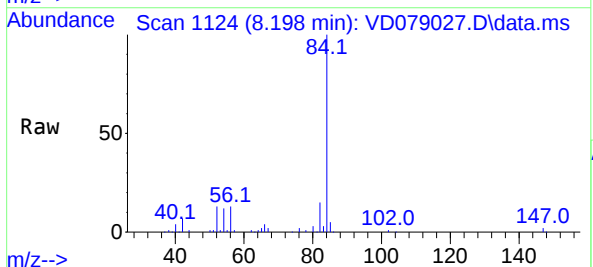
Acq: 24 May 2024 19:48

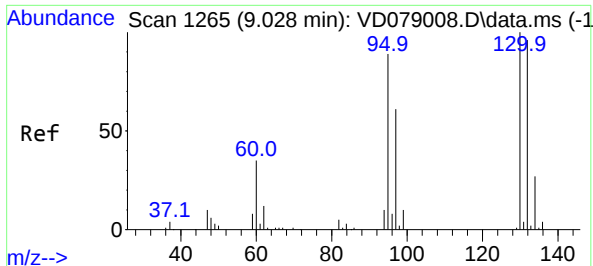
Tgt Ion: 62 Resp: 814

Ion Ratio Lower Upper

62 100

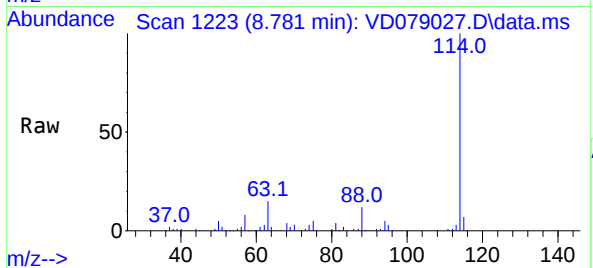
98 0.0 10.2 15.4#





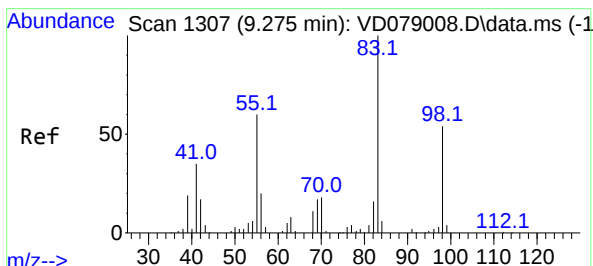
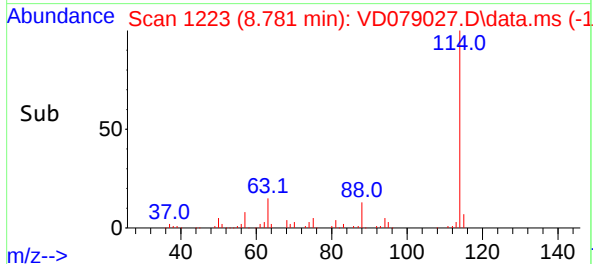
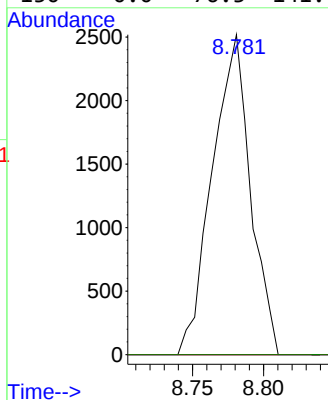
#34
Trichloroethene
Concen: 1.967 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD079027.D
Acq: 24 May 2024 19:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 4704

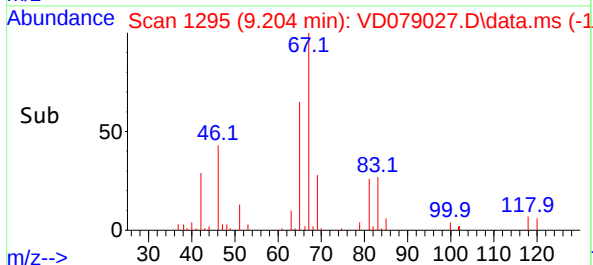
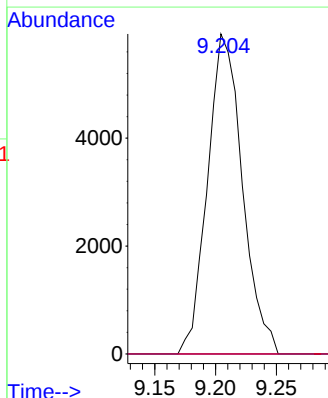
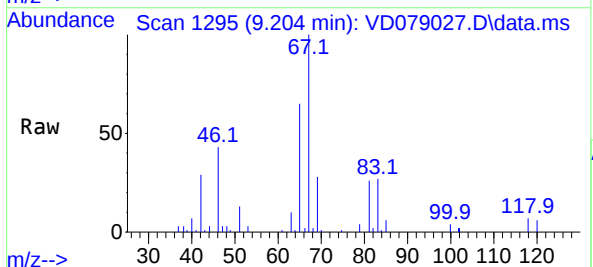
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.6	79.2#
132	0.0	69.5	129.1#
130	0.0	76.3	141.7#

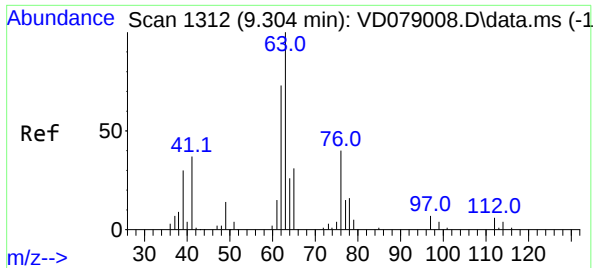


#35
Methylcyclohexane
Concen: 3.287 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD079027.D
Acq: 24 May 2024 19:48

Tgt Ion: 83 Resp: 11817

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

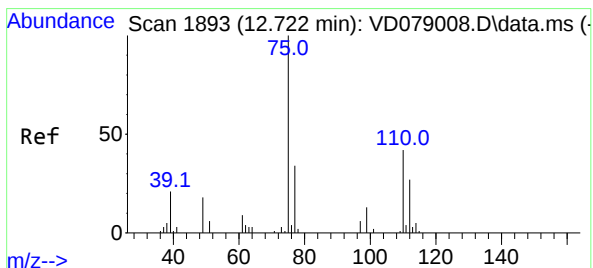
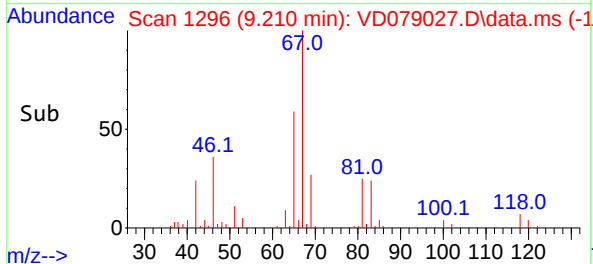
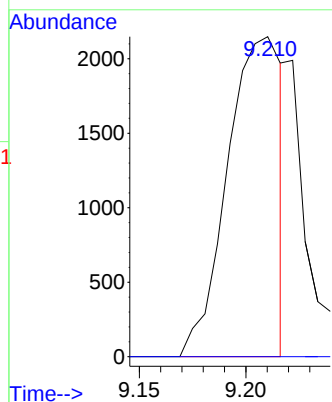
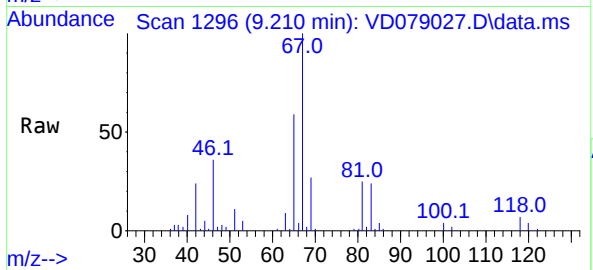




#37
1,2-Dichloropropane
Concen: 1.621 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079027.D
Acq: 24 May 2024 19:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 3814
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#61
1,2,3-Trichloropropane
Concen: 4.922 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079027.D
Acq: 24 May 2024 19:48

Tgt Ion: 75 Resp: 3755
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 0.0 37.1 55.7#

