

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079025.D
 Acq On : 24 May 2024 18:52
 Operator : RP/MD
 Sample : P2577-16
 Misc : 4.71G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:27:09 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)

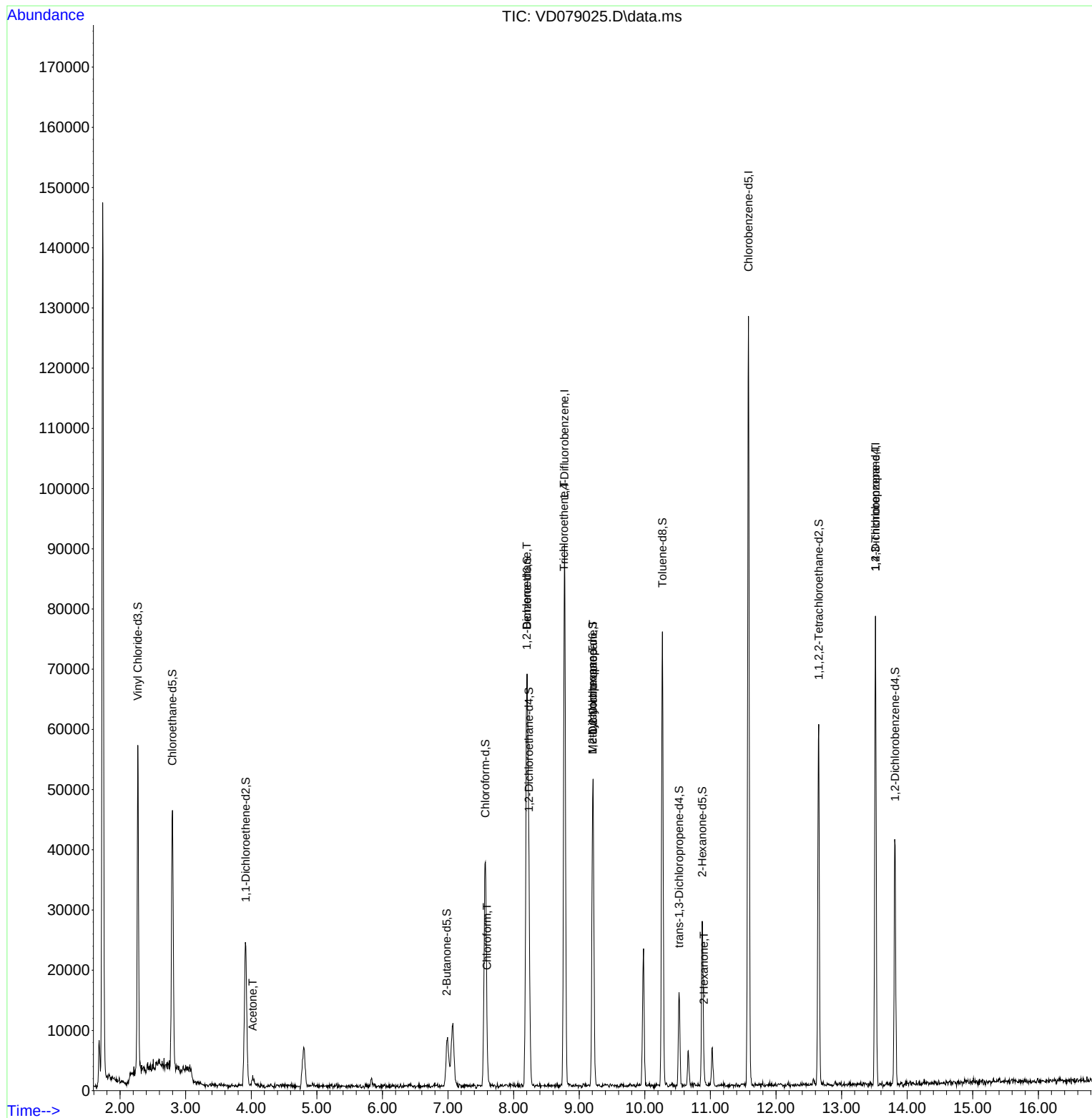
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	86571	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	78593	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	22415	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	48262	22.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.960%
7) Chloroethane-d5	2.799	69	47284	20.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	3.917	65	6261	15.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.480%
21) 2-Butanone-d5	6.981	46	14226	47.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.720%
24) Chloroform-d	7.569	84	41394	16.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.240%
26) 1,2-Dichloroethane-d4	8.234	65	26927	22.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	8.205	84	76434	19.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.240%
36) 1,2-Dichloropropane-d6	9.205	67	26576	21.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.269	98	55431	14.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.000%
43) trans-1,3-Dichloroprop...	10.522	79	9950	17.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.720%
47) 2-Hexanone-d5	10.875	63	9549	38.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	30620	22.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	12960	17.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.120%#
Target Compounds						Qvalue
13) Acetone	4.022	43	1598	4.404	ug/L	90
25) Chloroform	7.593	83	1853	0.602	ug/L	87
27) 1,2-Dichloroethane	8.199	62	383	0.215	ug/L #	68
34) Trichloroethene	8.769	95	1322	0.953	ug/L #	3
35) Methylcyclohexane	9.205	83	6458	3.095	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	2696	1.975	ug/L #	85
48) 2-Hexanone	10.899	43	645	1.207	ug/L #	42
61) 1,2,3-Trichloropropane	13.516	75	2683	5.222	ug/L #	57

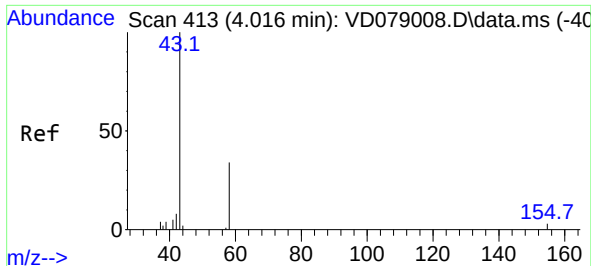
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

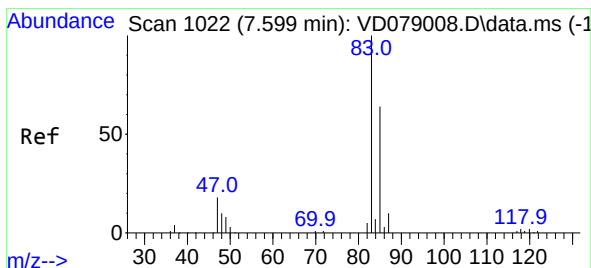
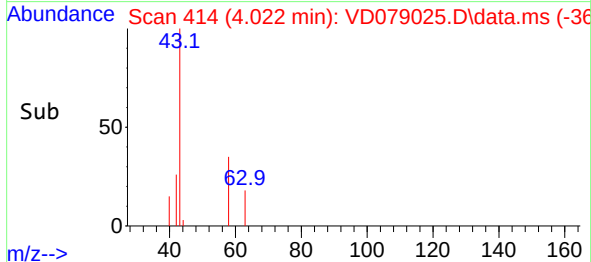
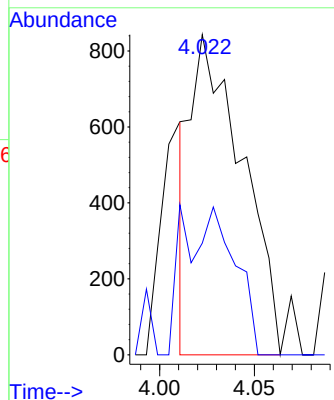
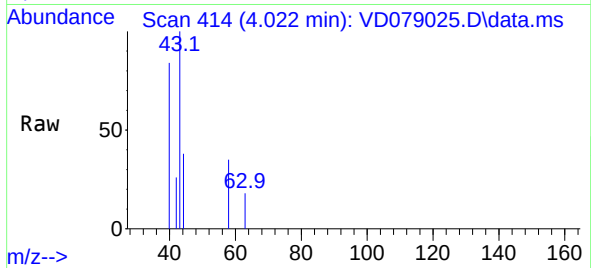




#13
Acetone
Concen: 4.404 ug/L
RT: 4.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

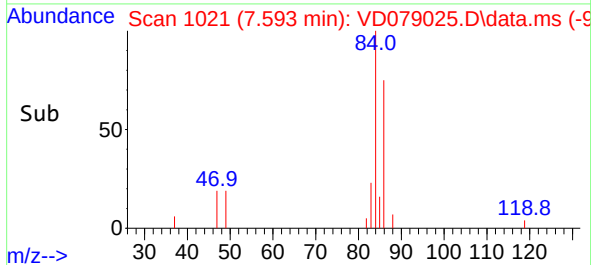
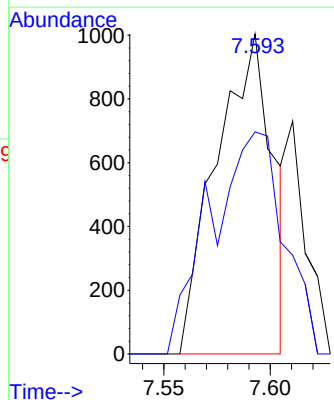
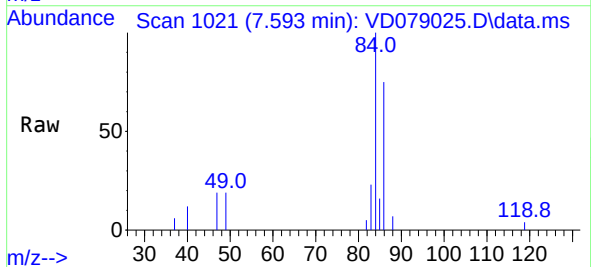
Instrument :
MSVOA_D
ClientSampleId :

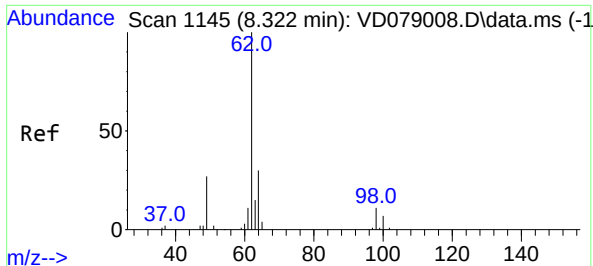
Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
58 31.6 0.0 75.0



#25
Chloroform
Concen: 0.602 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

Tgt Ion: 83 Resp: 1853
Ion Ratio Lower Upper
83 100
85 69.4 41.8 77.6

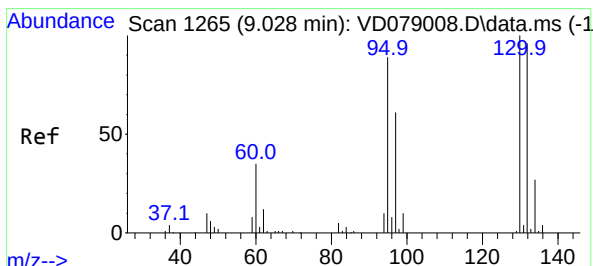
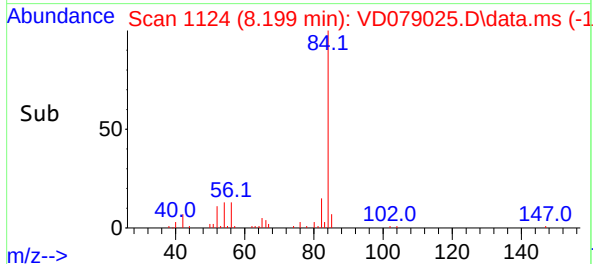
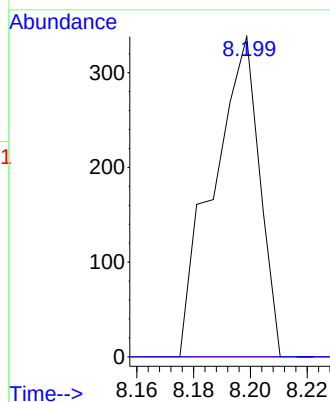
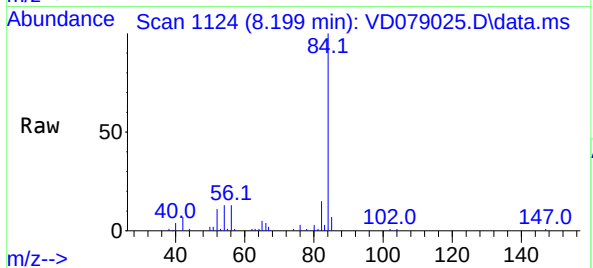




#27
1,2-Dichloroethane
Concen: 0.215 ug/L
RT: 8.199 min Scan# 1145
Delta R.T. -0.129 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

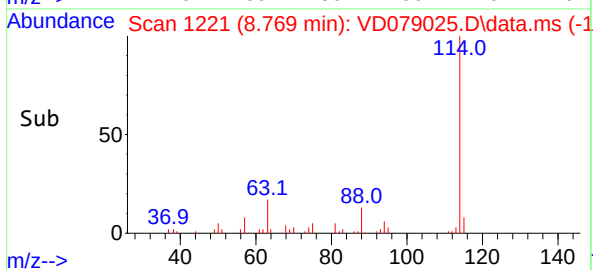
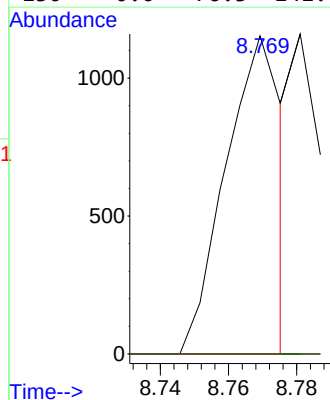
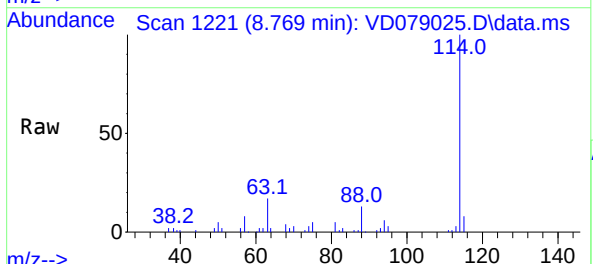
Instrument :
MSVOA_D
ClientSampleId :

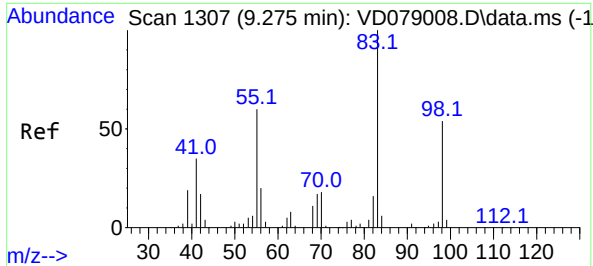
Tgt Ion: 62 Resp: 383
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.4#



#34
Trichloroethene
Concen: 0.953 ug/L
RT: 8.769 min Scan# 1221
Delta R.T. -0.259 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

Tgt Ion: 95 Resp: 1322
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#

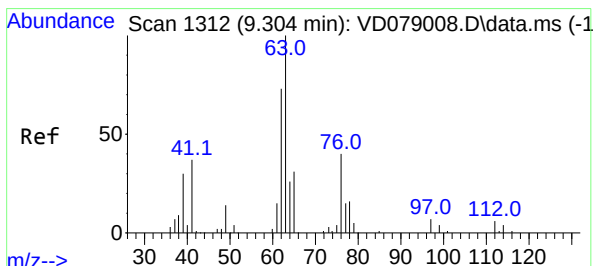
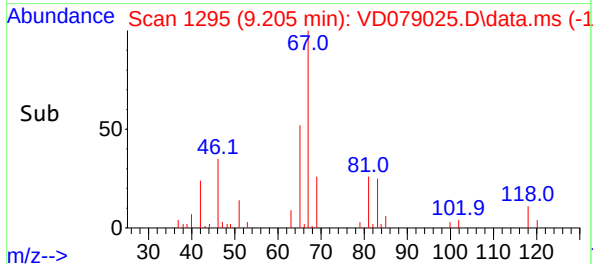
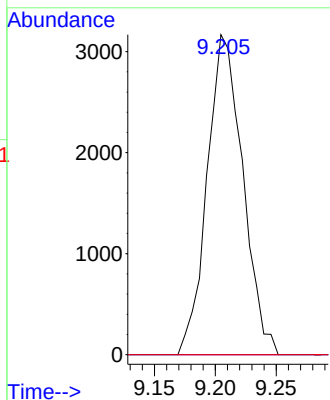
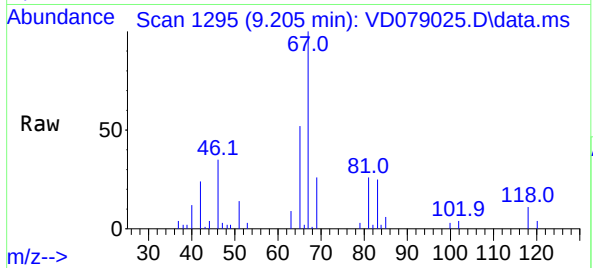




#35
Methylcyclohexane
Concen: 3.095 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.065 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

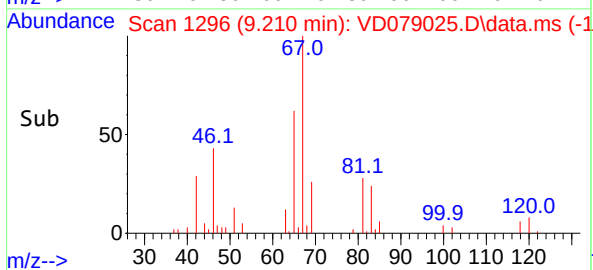
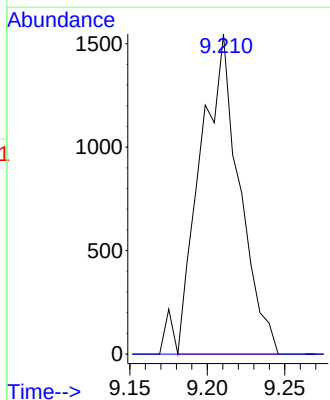
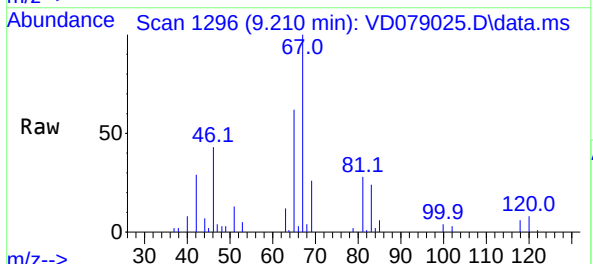
Instrument :
MSVOA_D
ClientSampleId :

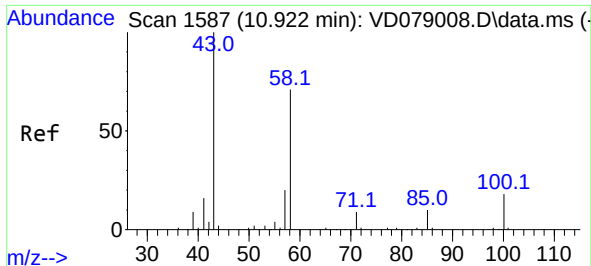
Tgt Ion: 83 Resp: 6458
Ion Ratio Lower Upper
83 100
55 0.0 49.0 73.6#
98 0.0 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 1.975 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

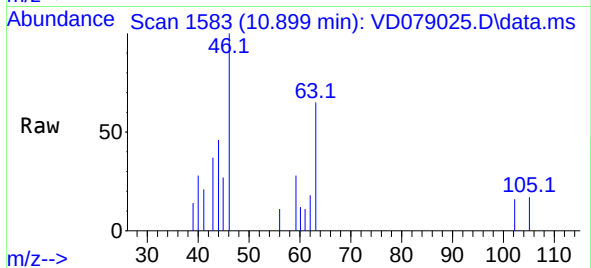
Tgt Ion: 63 Resp: 2696
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





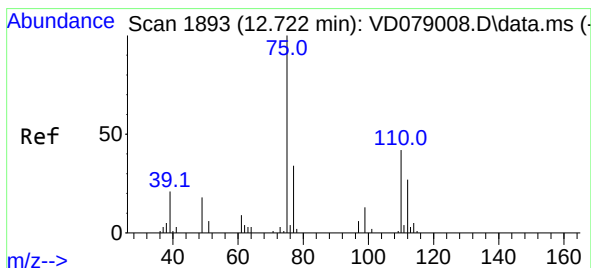
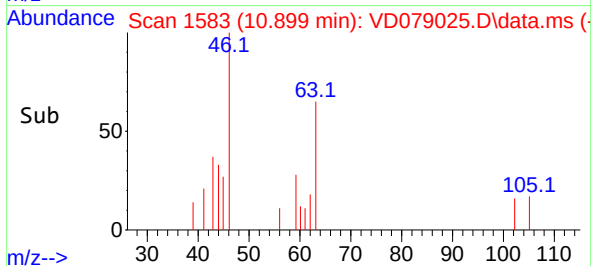
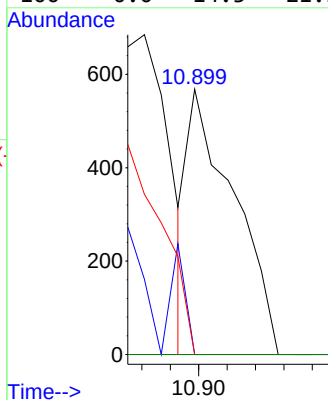
#48
2-Hexanone
Concen: 1.207 ug/L
RT: 10.899 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 645

Ion	Ratio	Lower	Upper
43	100		
58	13.0	53.4	80.2#
57	0.0	17.0	25.4#
100	0.0	14.3	21.5#



#61
1,2,3-Trichloropropane
Concen: 5.222 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079025.D
Acq: 24 May 2024 18:52

Tgt Ion: 75 Resp: 2683

Ion	Ratio	Lower	Upper
75	100		
77	29.4	26.2	39.2
110	0.0	37.1	55.7#

