

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079032.D
 Acq On : 24 May 2024 22:07
 Operator : RP/MD
 Sample : P2570-03
 Misc : 4.58G/10ml/MSVOA_D/SOIL/VIAL B
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:28:10 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)

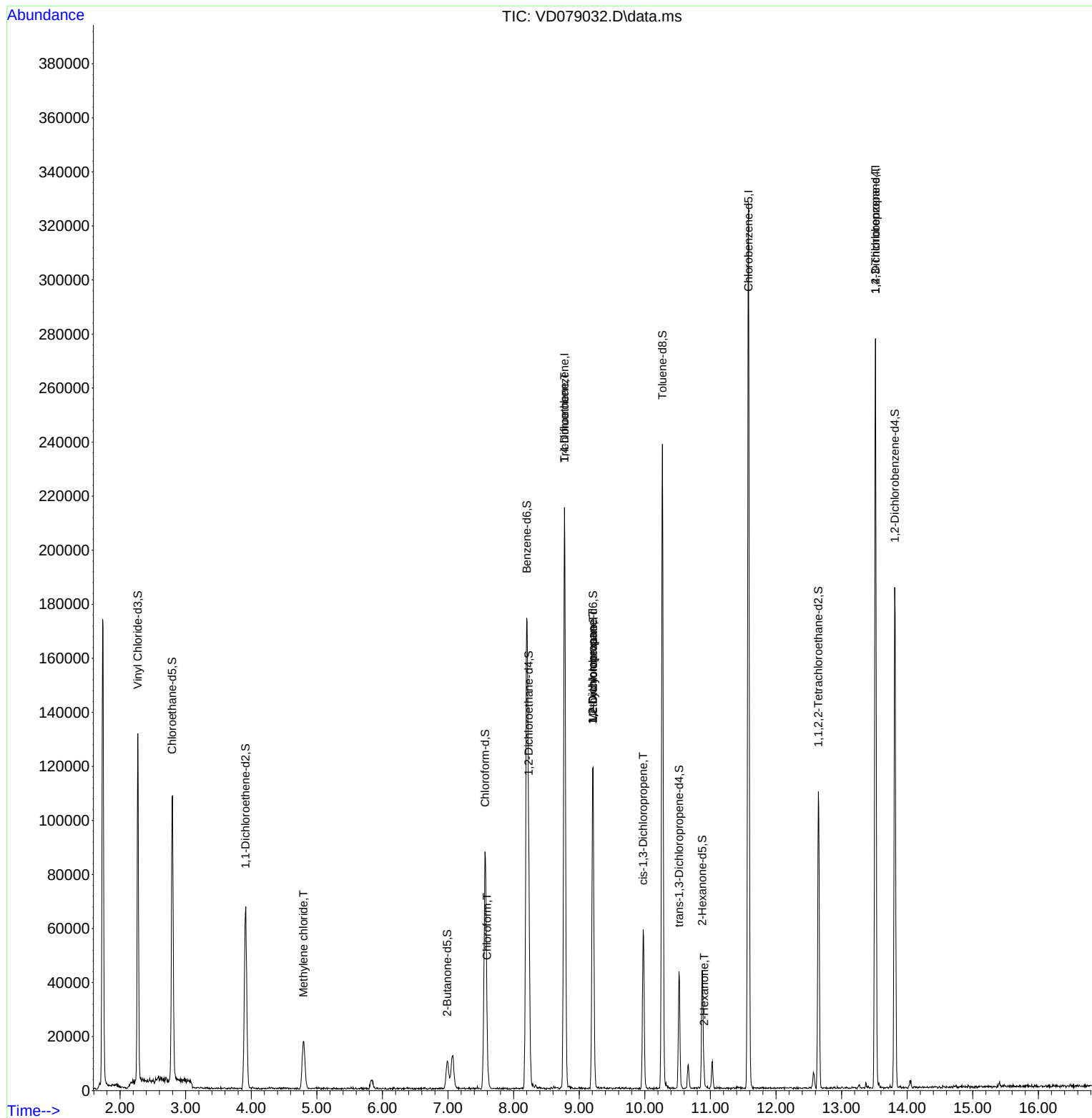
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	200770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	200079	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	79814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	118236	24.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
7) Chloroethane-d5	2.793	69	117604	22.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	3.911	65	18684	19.461	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.840%
21) 2-Butanone-d5	6.987	46	17874	25.657	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.320%
24) Chloroform-d	7.563	84	95583	15.992	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.960%
26) 1,2-Dichloroethane-d4	8.228	65	54472	19.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.760%
32) Benzene-d6	8.199	84	198614	19.455	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	9.210	67	60056	19.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.240%
41) Toluene-d8	10.269	98	167821	17.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.320%
43) trans-1,3-Dichloroprop...	10.522	79	24532	17.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.480%
47) 2-Hexanone-d5	10.875	63	15232	24.433	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.860%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	57970	16.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.520%
66) 1,2-Dichlorobenzene-d4	13.810	152	53919	19.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.600%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	15467	3.252	ug/L	99
25) Chloroform	7.593	83	7030	0.985	ug/L	88
34) Trichloroethene	8.775	95	5621	1.591	ug/L #	3
35) Methylcyclohexane	9.210	83	14578	2.744	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	6662	1.917	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1635	0.300	ug/L	93
48) 2-Hexanone	10.904	43	1101	0.809	ug/L #	36
61) 1,2,3-Trichloropropane	13.516	75	9078	4.962	ug/L #	60

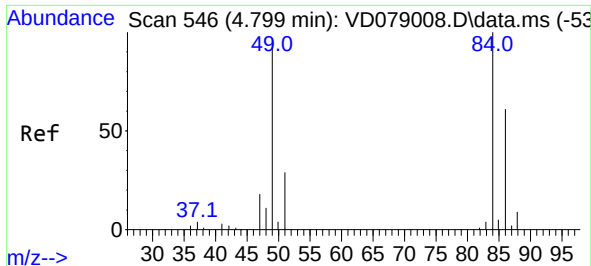
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

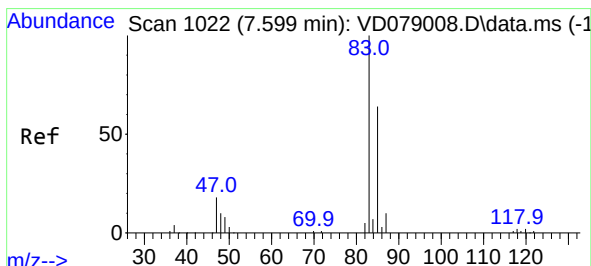
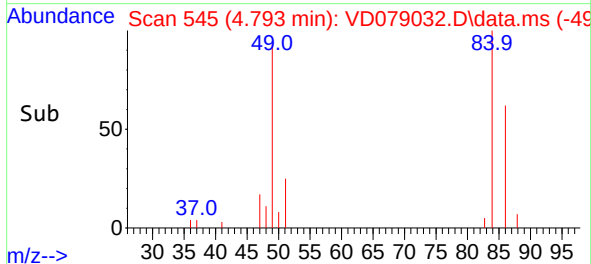
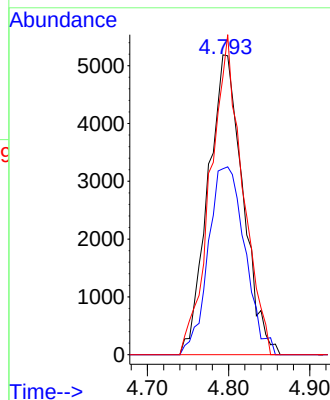
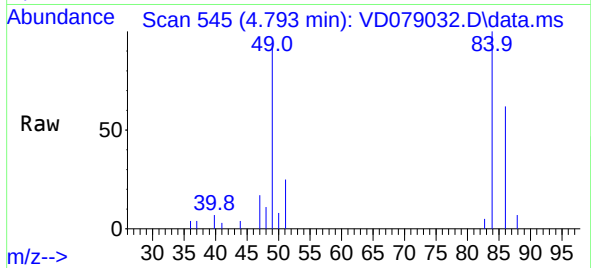




#16
Methylene chloride
Concen: 3.252 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD079032.D
Acq: 24 May 2024 22:07

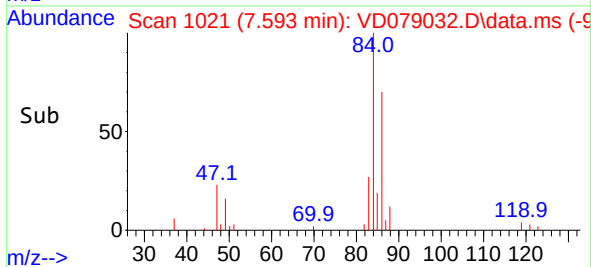
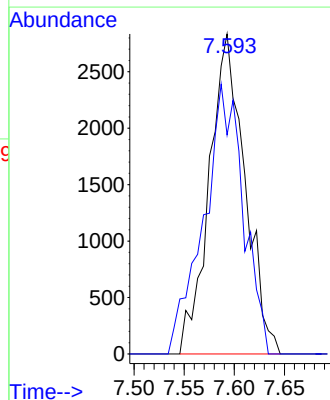
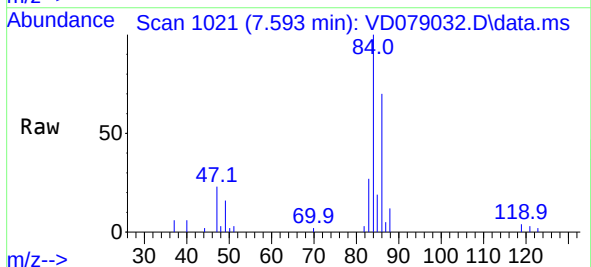
Instrument :
MSVOA_D
ClientSampleId :

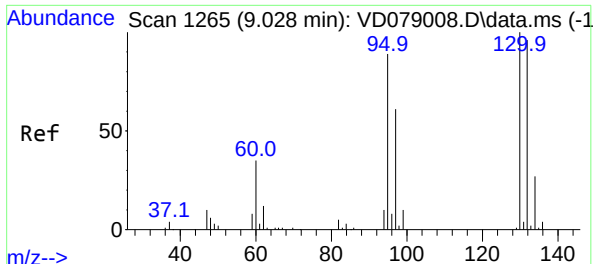
Tgt Ion: 84 Resp: 15467
Ion Ratio Lower Upper
84 100
86 62.0 43.7 81.1
49 92.7 64.0 119.0



#25
Chloroform
Concen: 0.985 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079032.D
Acq: 24 May 2024 22:07

Tgt Ion: 83 Resp: 7030
Ion Ratio Lower Upper
83 100
85 68.5 41.8 77.6





#34

Trichloroethene

Concen: 1.591 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD079032.D

Acq: 24 May 2024 22:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 5621

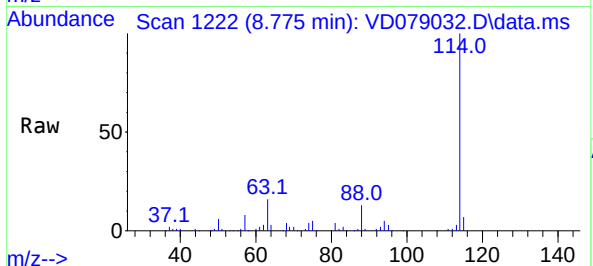
Ion Ratio Lower Upper

95 100

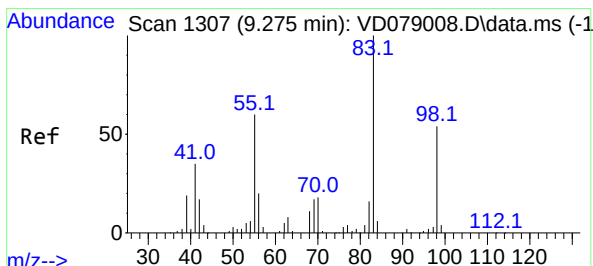
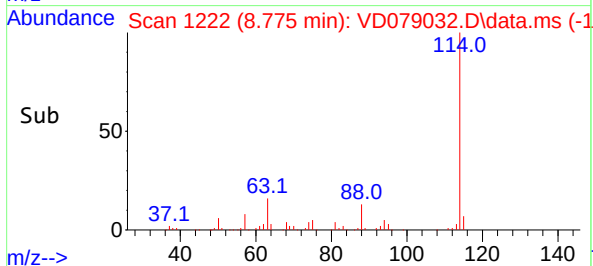
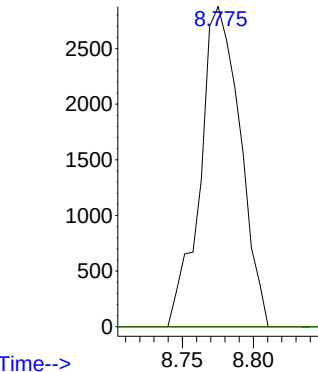
97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#



Abundance



#35

Methylcyclohexane

Concen: 2.744 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD079032.D

Acq: 24 May 2024 22:07

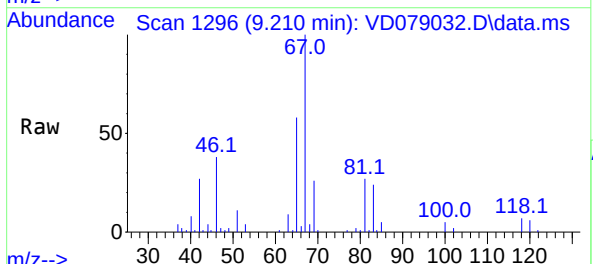
Tgt Ion: 83 Resp: 14578

Ion Ratio Lower Upper

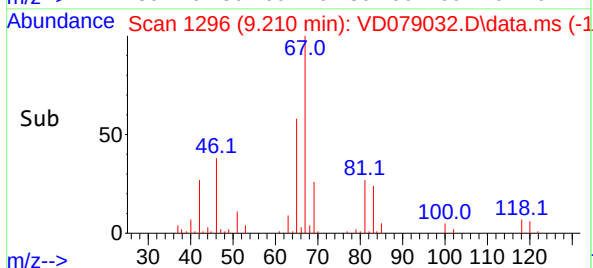
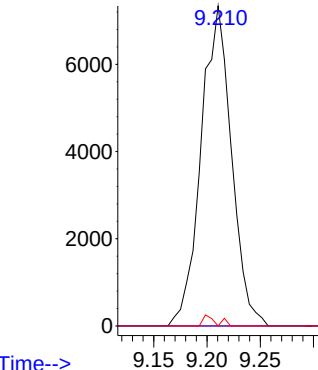
83 100

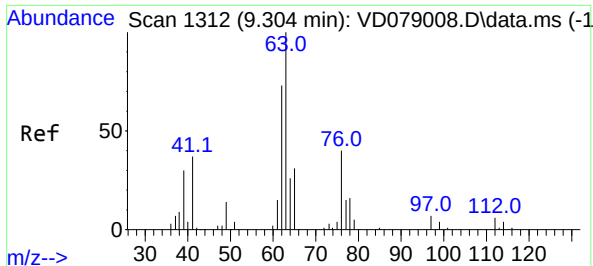
55 0.0 49.0 73.6#

98 0.4 40.1 60.1#



Abundance

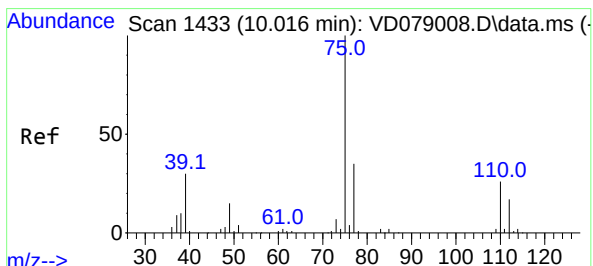
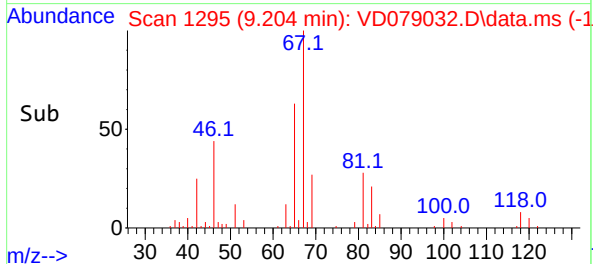
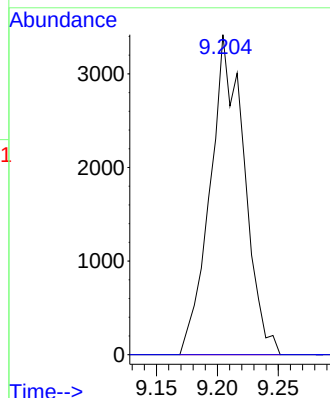
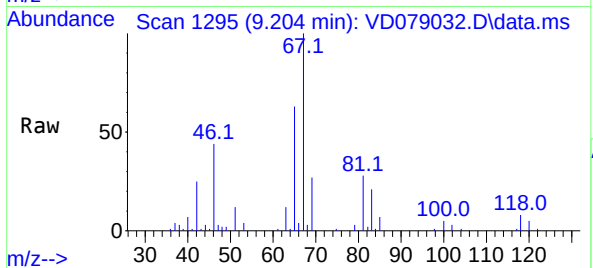




#37
1,2-Dichloropropane
Concen: 1.917 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD079032.D
Acq: 24 May 2024 22:07

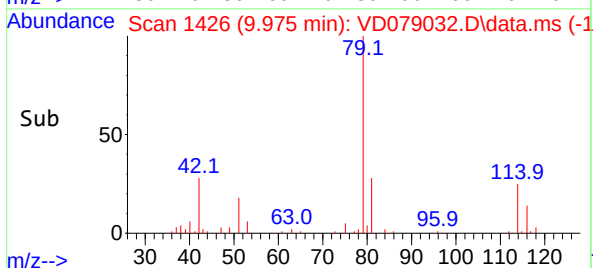
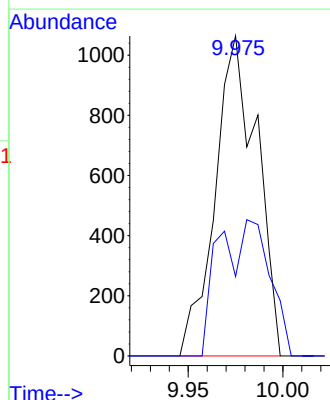
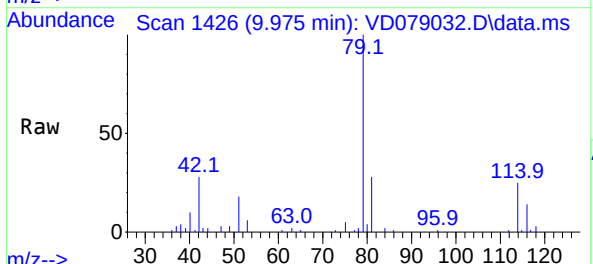
Instrument :
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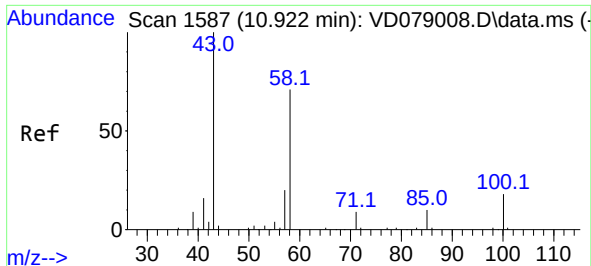
Tgt Ion: 63 Resp: 6662
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.300 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD079032.D
Acq: 24 May 2024 22:07

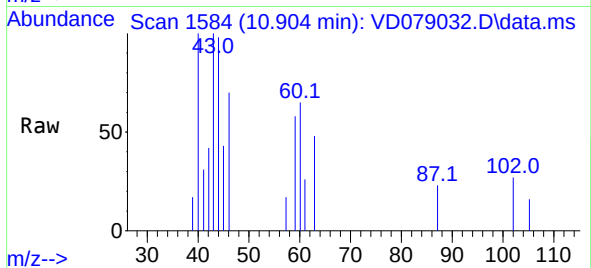
Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
77 24.8 20.0 37.2



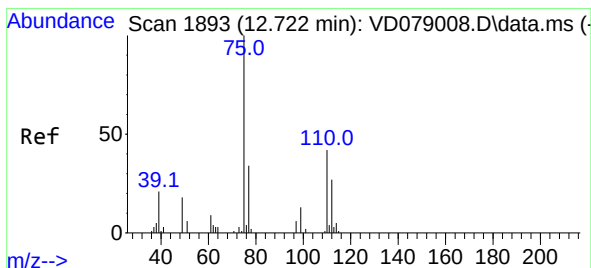
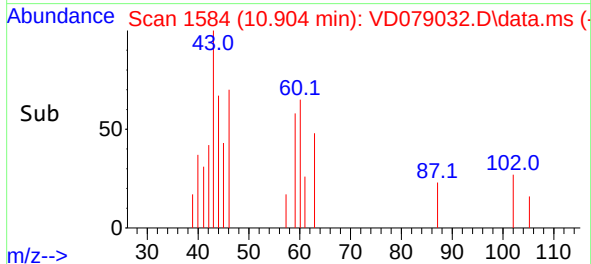
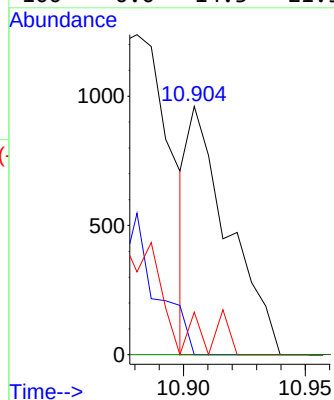


#48
2-Hexanone
Concen: 0.809 ug/L
RT: 10.904 min Scan# 1101
Delta R.T. -0.018 min
Lab File: VD079032.D
Acq: 24 May 2024 22:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	43	Resp:	1101
Ion	Ratio	Lower	Upper
43	100		
58	0.0	53.4	80.2#
57	10.9	17.0	25.4#
100	0.0	14.3	21.5#



#61
1,2,3-Trichloropropane
Concen: 4.962 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.794 min
Lab File: VD079032.D
Acq: 24 May 2024 22:07

Tgt Ion:	75	Resp:	9078
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.2	39.2
110	1.9	37.1	55.7#

