

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079012.D
 Acq On : 24 May 2024 12:15
 Operator : RP/MD
 Sample : P2570-11
 Misc : 5.32G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:25:18 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)

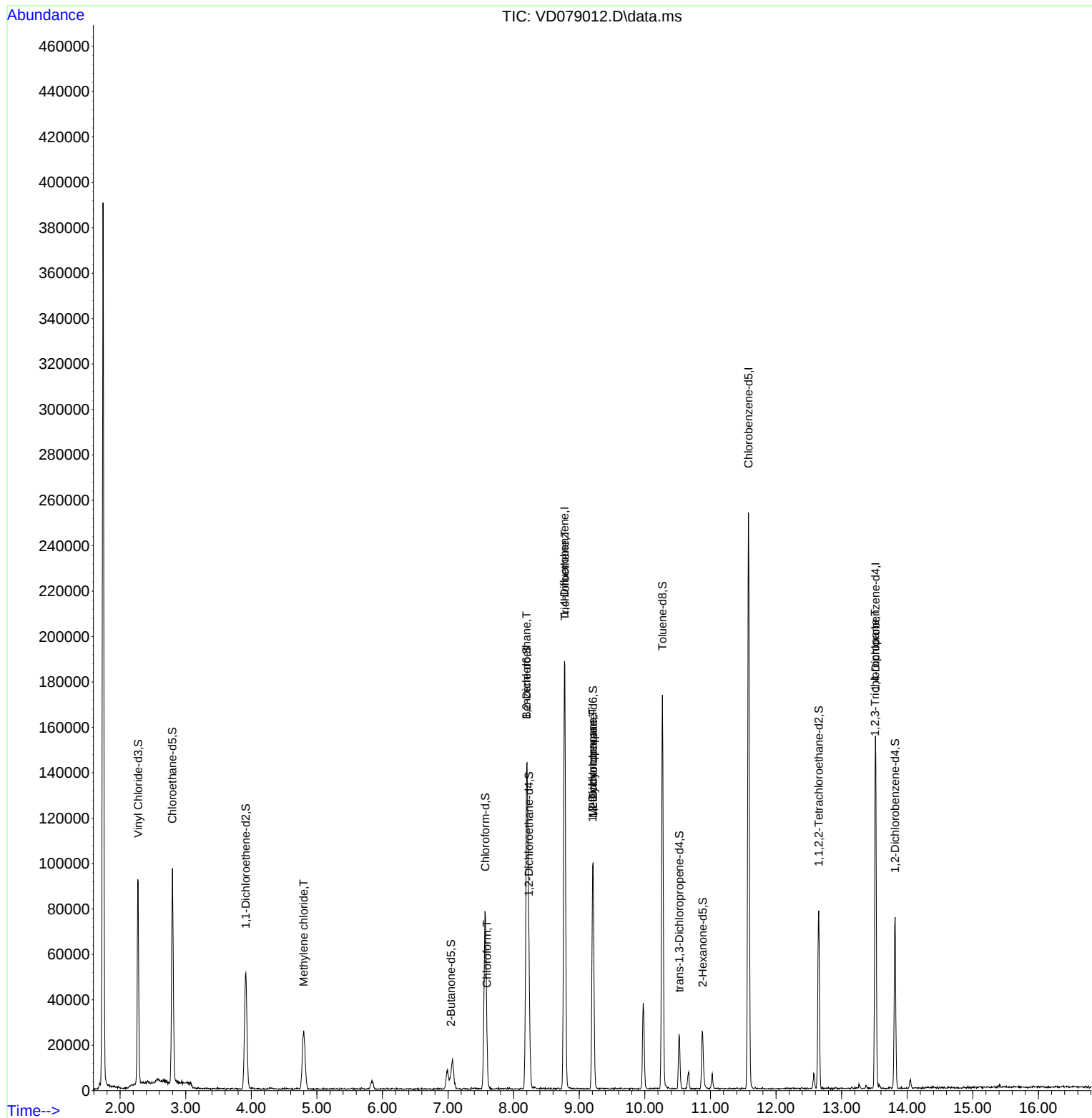
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	179097	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	155642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	46301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	86904	19.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.160%
7) Chloroethane-d5	2.799	69	97965	20.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.360%
11) 1,1-Dichloroethene-d2	3.916	65	14892	17.389	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.045	46	315	0.507	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.020%#
24) Chloroform-d	7.569	84	86456	16.215	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.880%
26) 1,2-Dichloroethane-d4	8.234	65	43219	17.069	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.280%#
32) Benzene-d6	8.198	84	163590	20.599	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	9.210	67	51938	21.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.840%
41) Toluene-d8	10.269	98	125765	17.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.720%
43) trans-1,3-Dichloroprop...	10.528	79	14399	12.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.680%
47) 2-Hexanone-d5	10.881	63	8959	18.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	44215	16.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	21654	13.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	55.120%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	22712	5.354	ug/L	87
25) Chloroform	7.593	83	1415	0.222	ug/L	95
27) 1,2-Dichloroethane	8.198	62	762	0.207	ug/L #	68
34) Trichloroethene	8.781	95	5130	1.866	ug/L #	3
35) Methylcyclohexane	9.210	83	12851	3.110	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	5485	2.029	ug/L #	85
61) 1,2,3-Trichloropropane	13.510	75	5633	5.308	ug/L #	58

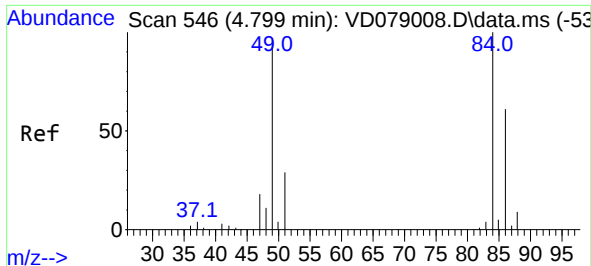
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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Quant Time: May 24 23:25:18 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

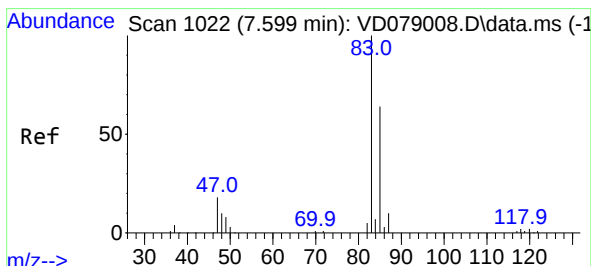
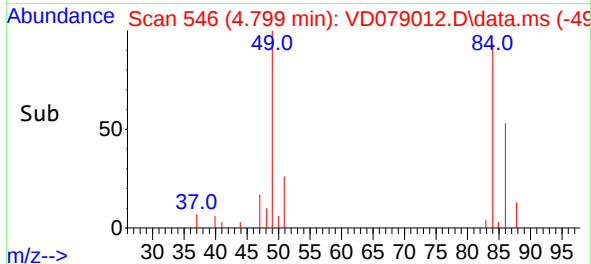
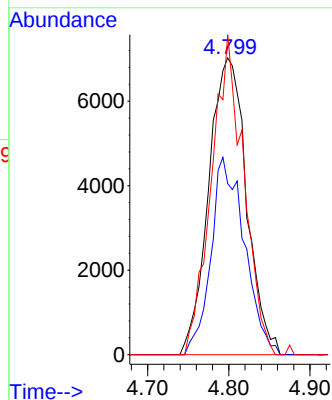
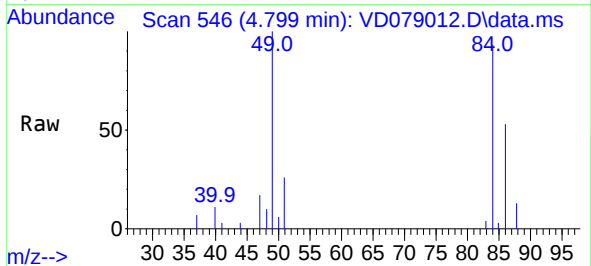




#16
Methylene chloride
Concen: 5.354 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079012.D
Acq: 24 May 2024 12:15

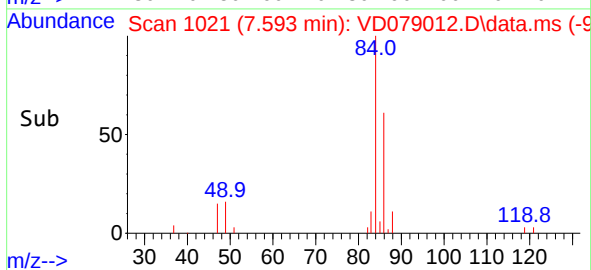
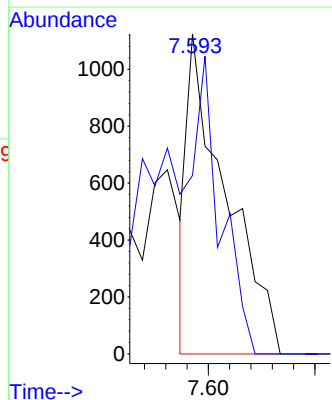
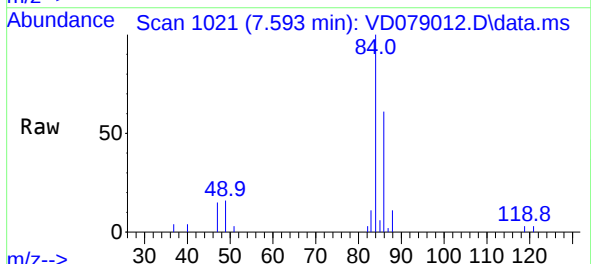
Instrument :
MSVOA_D
ClientSampleId :

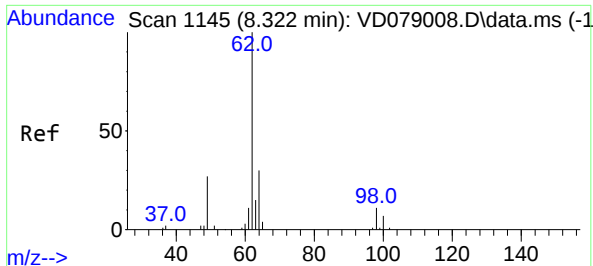
Tgt Ion: 84 Resp: 22712
Ion Ratio Lower Upper
84 100
86 57.6 43.7 81.1
49 107.8 64.0 119.0



#25
Chloroform
Concen: 0.222 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD079012.D
Acq: 24 May 2024 12:15

Tgt Ion: 83 Resp: 1415
Ion Ratio Lower Upper
83 100
85 55.8 41.8 77.6

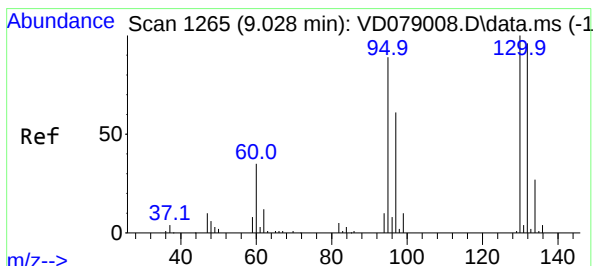
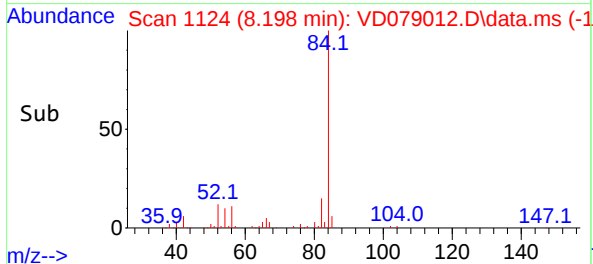
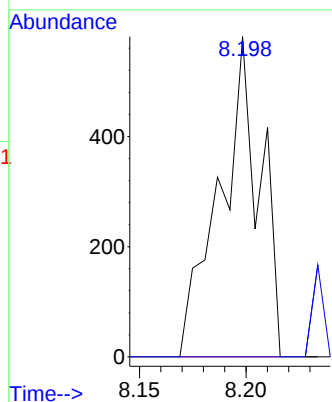
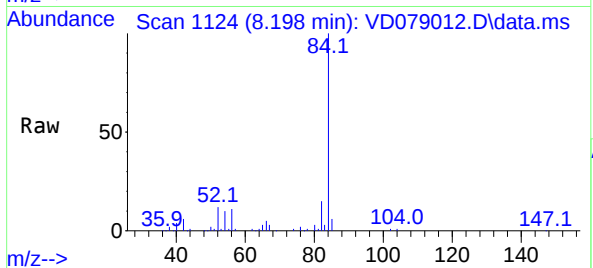




#27
1,2-Dichloroethane
Concen: 0.207 ug/L
RT: 8.198 min Scan# 1145
Delta R.T. -0.130 min
Lab File: VD079012.D
Acq: 24 May 2024 12:15

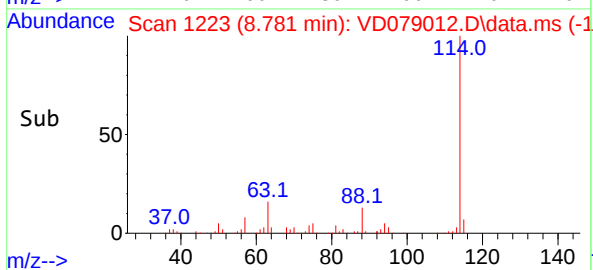
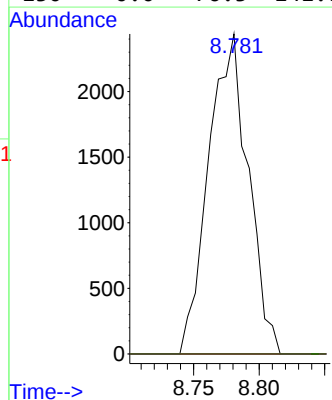
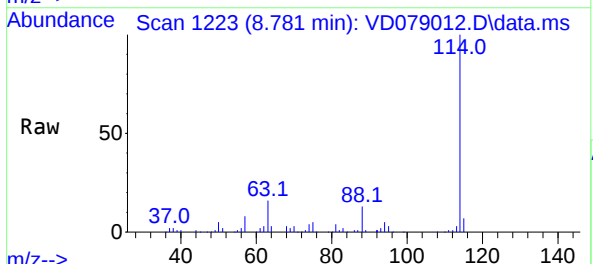
Instrument :
MSVOA_D
ClientSampleId :

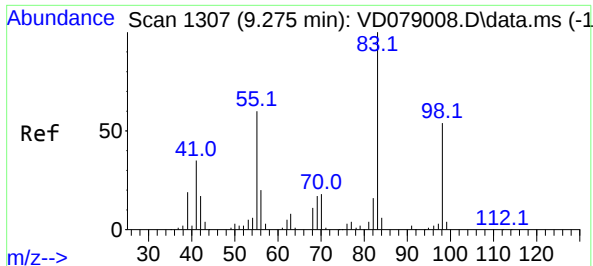
Tgt Ion: 62 Resp: 762
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.4#



#34
Trichloroethene
Concen: 1.866 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD079012.D
Acq: 24 May 2024 12:15

Tgt Ion: 95 Resp: 5130
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: 3.110 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD079012.D

Acq: 24 May 2024 12:15

Instrument :

MSVOA_D

ClientSampleId :

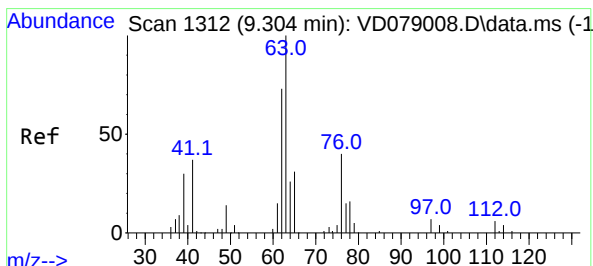
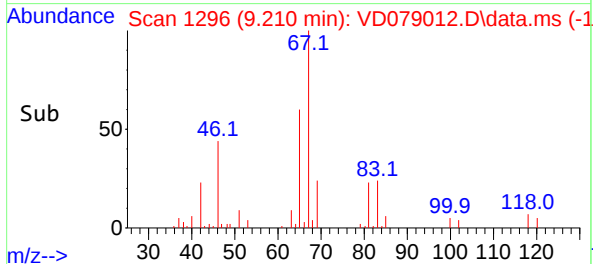
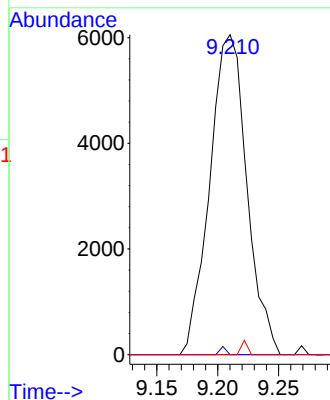
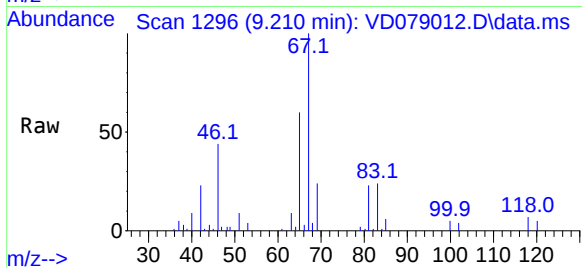
Tgt Ion: 83 Resp: 12851

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: 2.029 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD079012.D

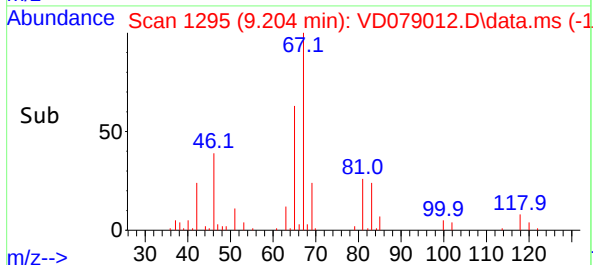
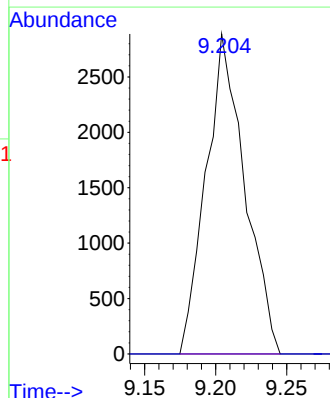
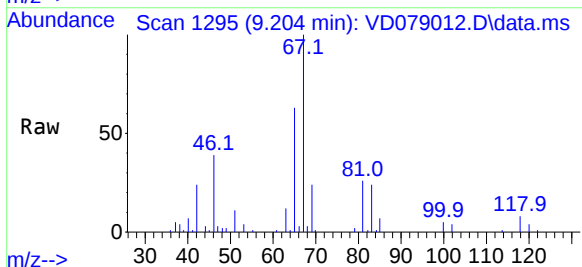
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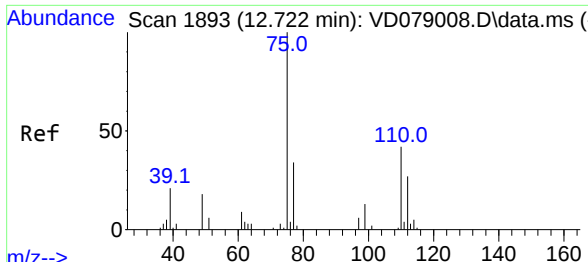
Tgt Ion: 63 Resp: 5485

Ion Ratio Lower Upper

63 100

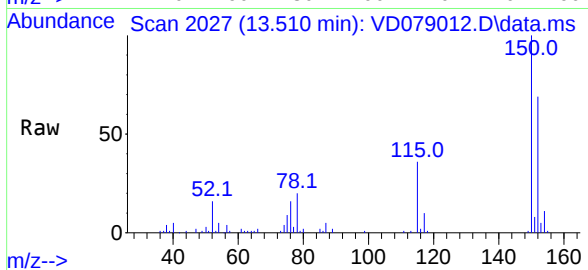
112 0.0 4.1 6.1#





#61
 1,2,3-Trichloropropane
 Concen: 5.308 ug/L
 RT: 13.510 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD079012.D
 Acq: 24 May 2024 12:15

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	5633
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2
110	0.0	37.1	55.7#

