

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091624\
 Data File : VD079847.D
 Acq On : 16 Sep 2024 17:20
 Operator : RP/MD
 Sample : P3993-09
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 17 05:05:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:25:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

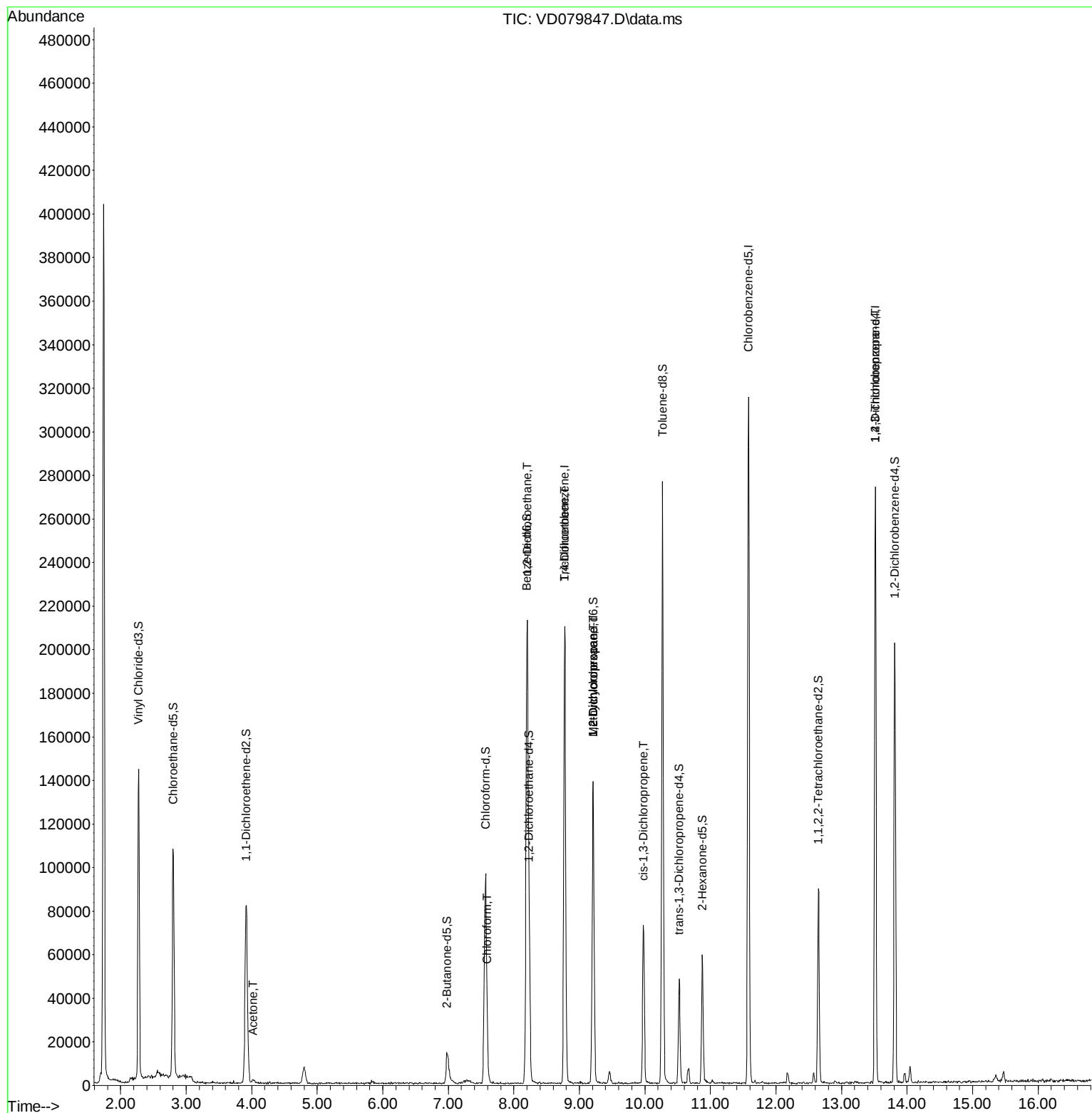
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	181087	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	176574	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	67423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	133247	16.922	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	67.680%	
7) Chloroethane-d5	2.799	69	112417	18.032	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	72.120%	
11) 1,1-Dichloroethene-d2	3.917	65	24641	17.235	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	68.960%	
21) 2-Butanone-d5	6.975	46	13937	19.050	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	38.100%	
24) Chloroform-d	7.569	84	100610	16.902	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	67.600%	
26) 1,2-Dichloroethane-d4	8.234	65	55361	17.785	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	71.160%	
32) Benzene-d6	8.199	84	218473	17.525	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	70.120%	
36) 1,2-Dichloropropane-d6	9.210	67	68971	18.065	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	72.240%	
41) Toluene-d8	10.269	98	193604	17.649	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	10.522	79	28987	17.659	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	70.640%	
47) 2-Hexanone-d5	10.875	63	21873	35.144	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	70.280%	
56) 1,1,2,2-Tetrachloroeth...	12.646	84	49139	17.515	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	70.040%	
66) 1,2-Dichlorobenzene-d4	13.810	152	52206	20.532	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	82.120%	
Target Compounds						
					Qvalue	
13) Acetone	4.023	43	1491	1.672	ug/L	94
25) Chloroform	7.593	83	4387	0.724	ug/L	77
27) 1,2-Dichloroethane	8.205	62	867	0.234	ug/L #	74
34) Trichloroethene	8.775	95	5228	1.721	ug/L #	8
35) Methylcyclohexane	9.210	83	15593	3.180	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	7573	2.112	ug/L #	100
39) cis-1,3-Dichloropropene	9.975	75	2228	0.442	ug/L	95
61) 1,2,3-Trichloropropane	13.516	75	10367	6.255	ug/L #	63

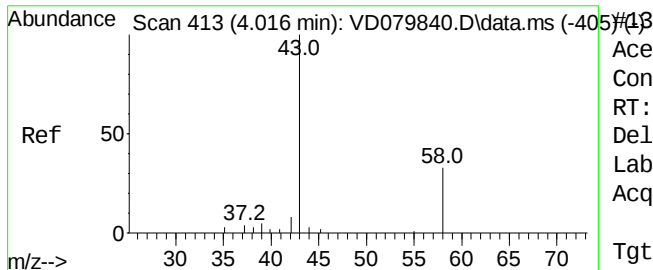
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Sep 17 04:25:03 2024
Response via : Initial Calibration

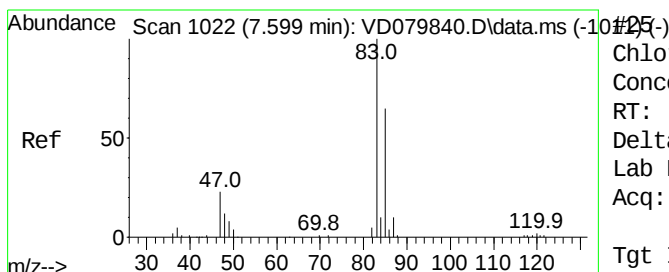
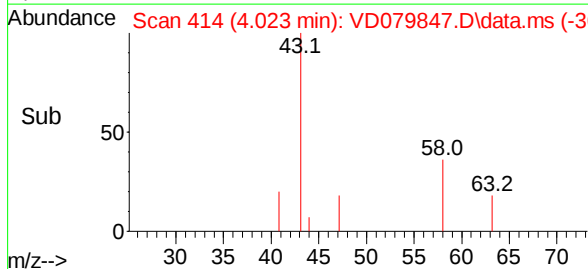
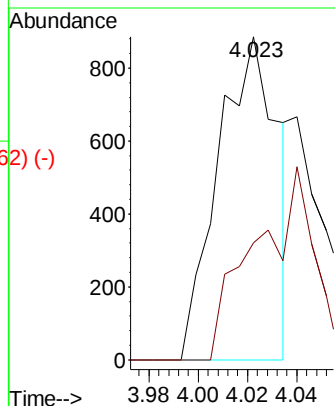
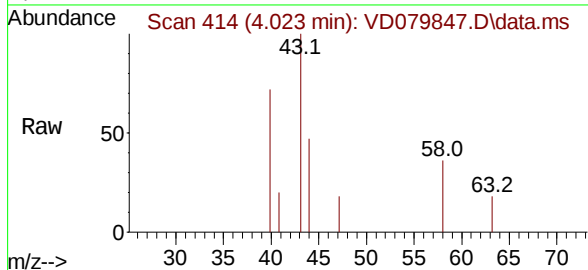




Acetone
 Concen: 1.672 ug/L
 RT: 4.023 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VD079847.D
 Acq: 16 Sep 2024 17:20

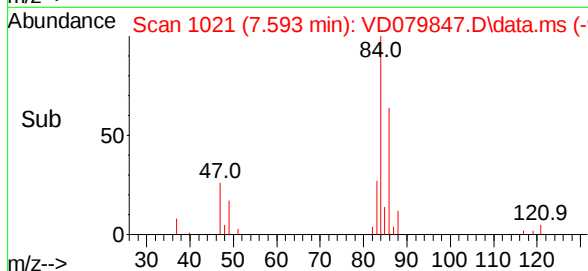
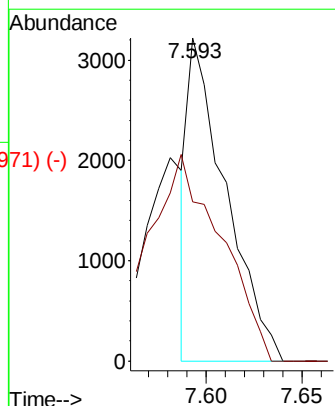
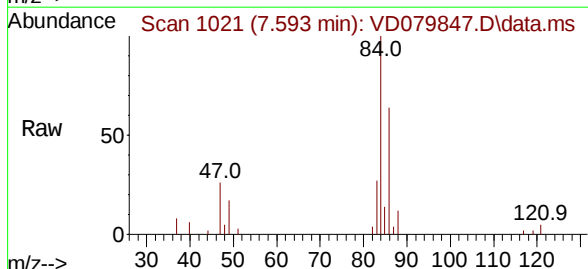
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 1491
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 75.8

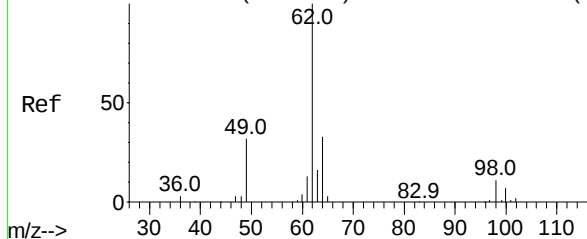


Chloroform
 Concen: 0.724 ug/L
 RT: 7.593 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: VD079847.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 83 Resp: 4387
 Ion Ratio Lower Upper
 83 100
 85 49.2 47.3 87.9



Abundance Scan 1145 (8.322 min): VD079840.D\data.ms (-1137-)



1,2-Dichloroethane

Concen: 0.234 ug/L

RT: 8.205 min Scan#

Delta R.T. -0.117 min

Lab File: VD079847.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_D

ClientSampleId :

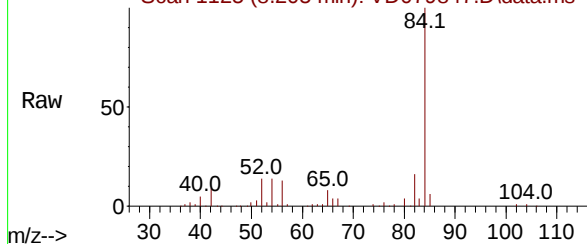
Tgt Ion: 62 Resp: 867

Ion Ratio Lower Upper

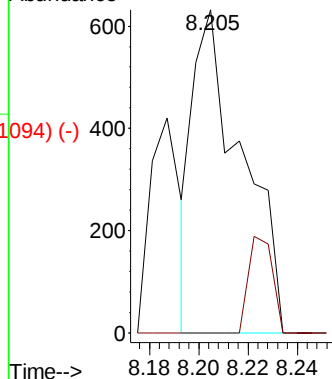
62 100

98 0.0 7.5 11.3#

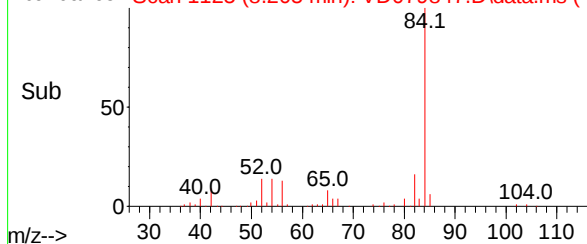
Abundance Scan 1125 (8.205 min): VD079847.D\data.ms



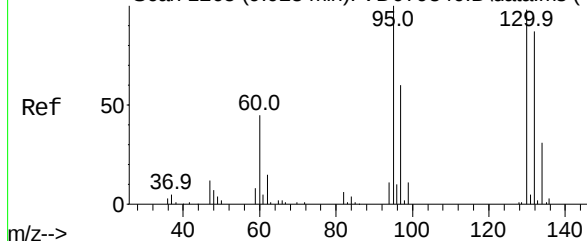
Abundance



Abundance Scan 1125 (8.205 min): VD079847.D\data.ms (-1094-)



Abundance Scan 1265 (9.028 min): VD079840.D\data.ms (-1258-)



Trichloroethene

Concen: 1.721 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079847.D

Acq: 16 Sep 2024 17:20

Tgt Ion: 95 Resp: 5228

Ion Ratio Lower Upper

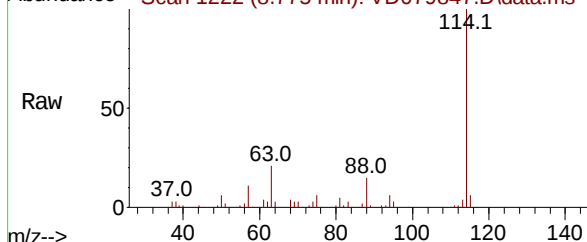
95 100

97 0.0 43.5 80.7#

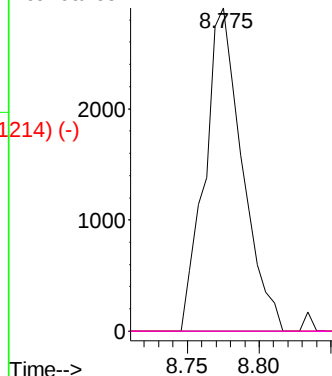
132 0.0 64.5 119.7#

130 0.0 64.1 119.1#

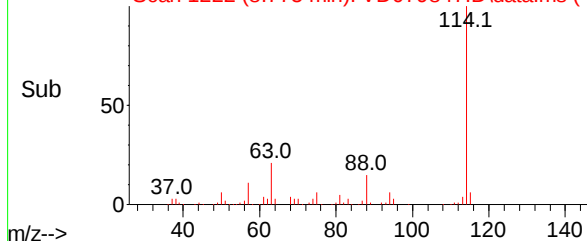
Abundance Scan 1222 (8.775 min): VD079847.D\data.ms

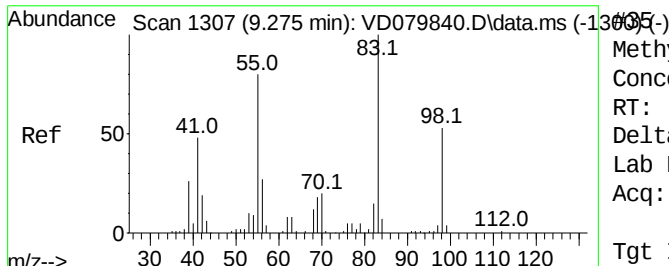


Abundance



Abundance Scan 1222 (8.775 min): VD079847.D\data.ms (-1214-)





Methylcyclohexane

Concen: 3.180 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD079847.D

Acq: 16 Sep 2024 17:20

Instrument :

MSVOA_D

ClientSampleId :

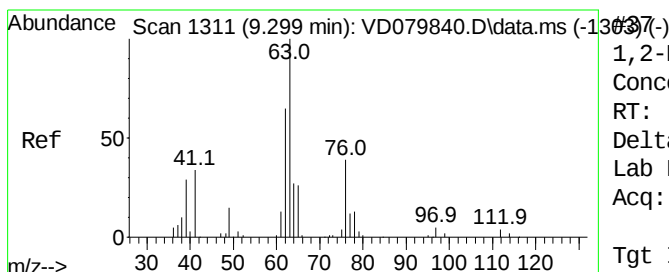
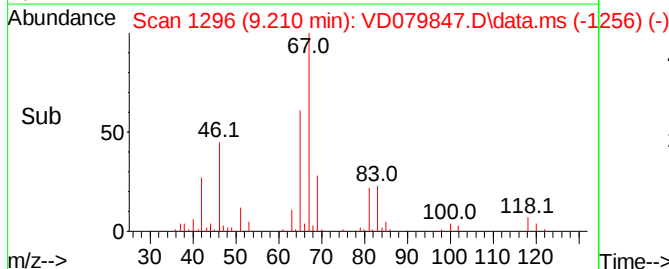
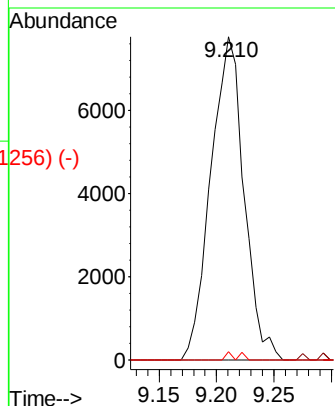
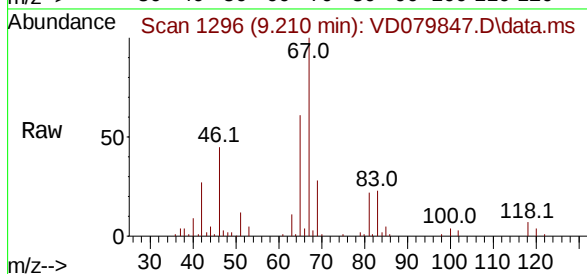
Tgt Ion: 83 Resp: 15593

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 0.4 38.6 58.0#



1,2-Dichloropropane

Concen: 2.112 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.088 min

Lab File: VD079847.D

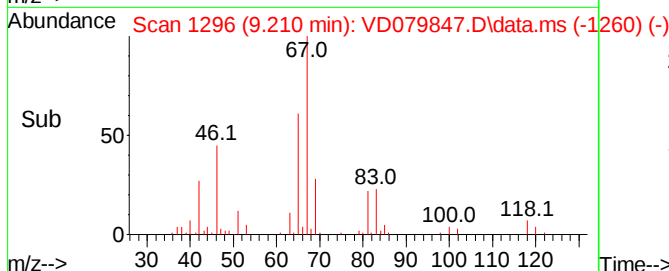
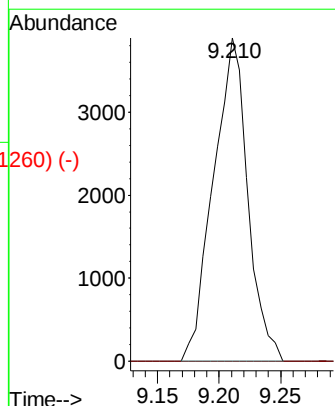
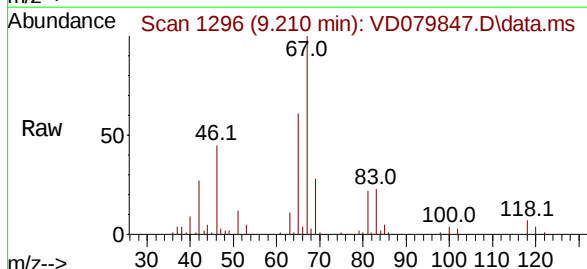
Acq: 16 Sep 2024 17:20

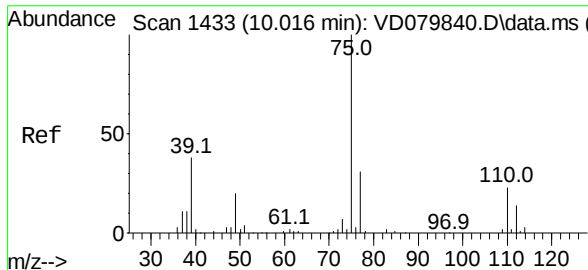
Tgt Ion: 63 Resp: 7573

Ion Ratio Lower Upper

63 100

112 0.0 0.0 0.0

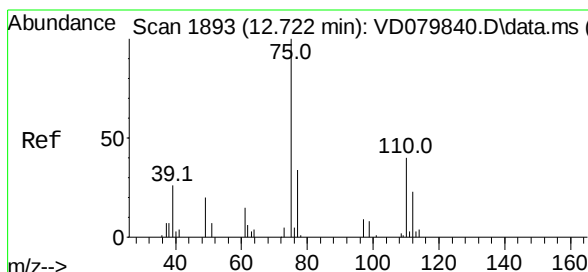
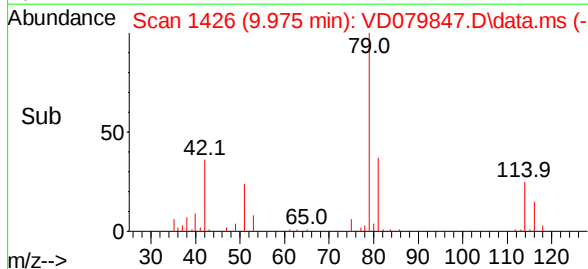
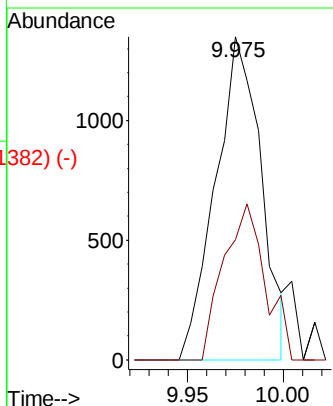
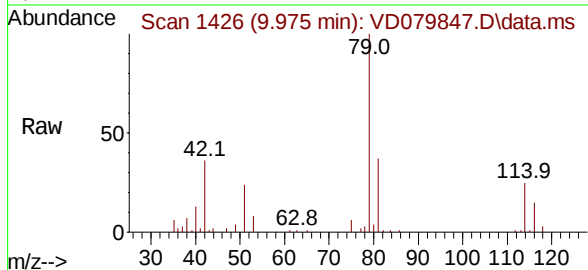




cis-1,3-Dichloropropene
 Concen: 0.442 ug/L
 RT: 9.975 min Scan# 1426
 Delta R.T. -0.041 min
 Lab File: VD079847.D
 Acq: 16 Sep 2024 17:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 2228
 Ion Ratio Lower Upper
 75 100
 77 37.1 24.1 44.8



1,2,3-Trichloropropane
 Concen: 6.255 ug/L
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.794 min
 Lab File: VD079847.D
 Acq: 16 Sep 2024 17:20

Tgt Ion: 75 Resp: 10367
 Ion Ratio Lower Upper
 75 100
 77 27.4 25.1 37.7
 110 0.7 30.1 45.1#

