

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079033.D
 Acq On : 24 May 2024 22:35
 Operator : RP/MD
 Sample : P2570-04
 Misc : 5.13G/10ml/MSVOA_D/SOIL/VIAL B
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:28:18 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)

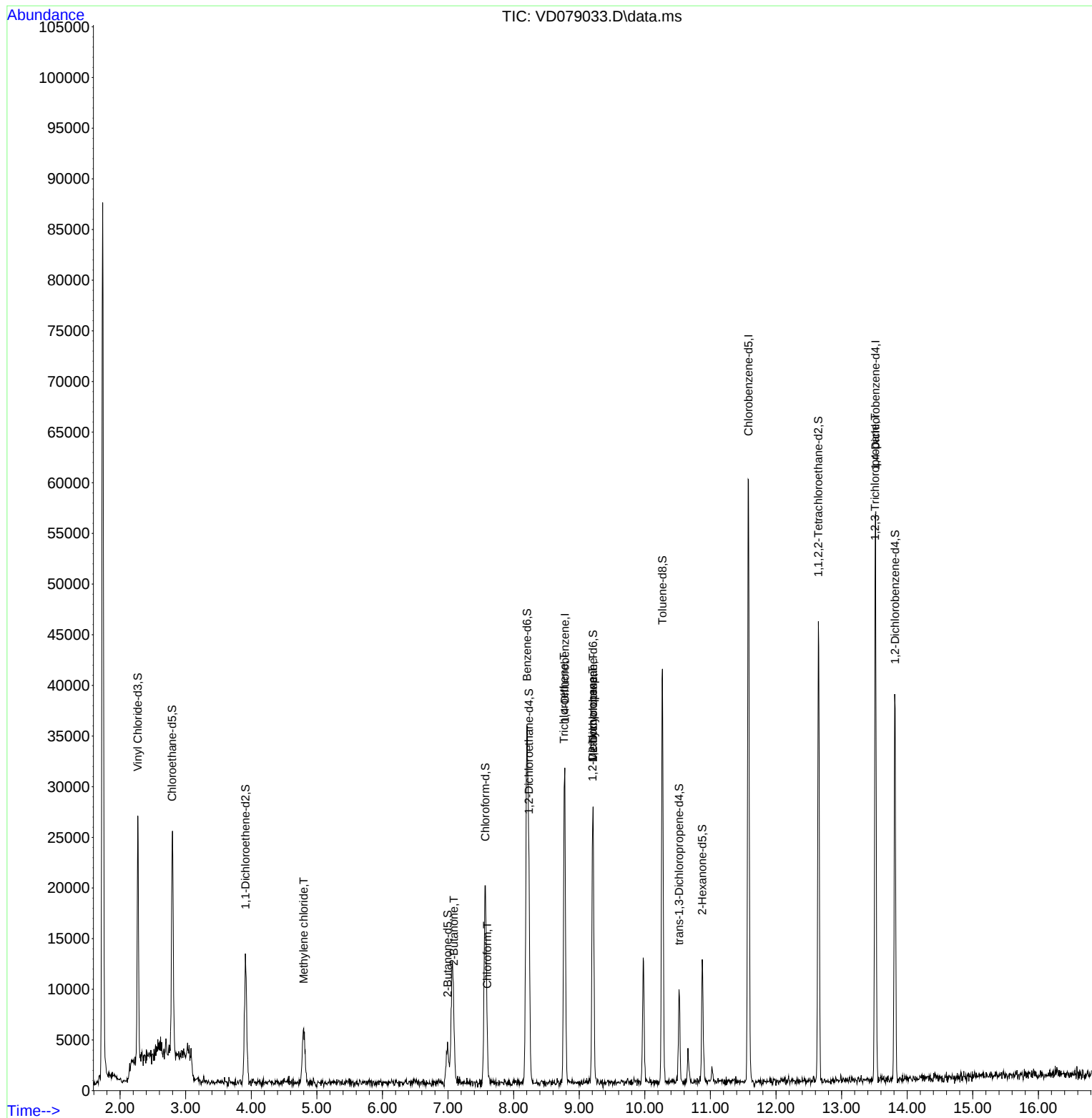
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	30883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	37586	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	15488	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	22132	29.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.920%
7) Chloroethane-d5	2.793	69	23844	29.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.680%
11) 1,1-Dichloroethene-d2	3.911	65	2154	14.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.360%
21) 2-Butanone-d5	6.993	46	4008	37.402	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.800%
24) Chloroform-d	7.569	84	21625	23.521	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.234	65	15760	36.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.400%#
32) Benzene-d6	8.205	84	38117	19.875	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.520%
36) 1,2-Dichloropropane-d6	9.210	67	14409	24.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.640%
41) Toluene-d8	10.269	98	30355	17.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.680%
43) trans-1,3-Dichloroprop...	10.522	79	5948	22.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.400%
47) 2-Hexanone-d5	10.875	63	4351	37.152	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.300%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	23592	35.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	141.960%#
66) 1,2-Dichlorobenzene-d4	13.816	152	11976	22.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	4417	6.038	ug/L	79
22) 2-Butanone	7.087	43	203	1.364	ug/L #	41
25) Chloroform	7.599	83	894	0.814	ug/L	99
34) Trichloroethene	8.769	95	675	1.017	ug/L #	3
35) Methylcyclohexane	9.210	83	3554	3.562	ug/L #	23
37) 1,2-Dichloropropane	9.205	63	1469	2.250	ug/L #	85
61) 1,2,3-Trichloropropane	13.510	75	1708	4.811	ug/L #	59

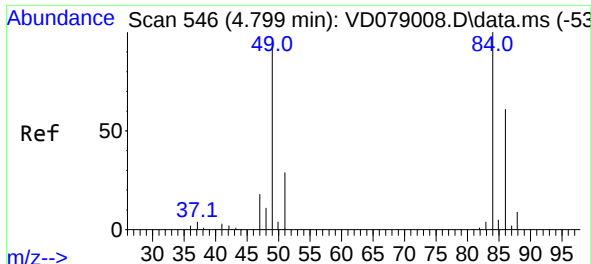
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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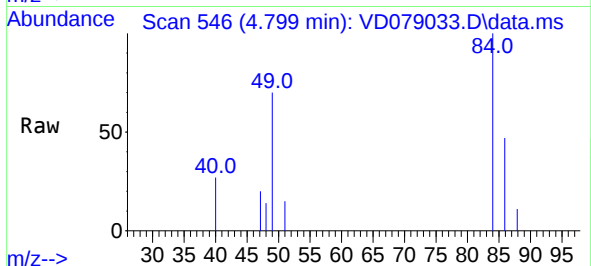
Quant Time: May 24 23:28:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration



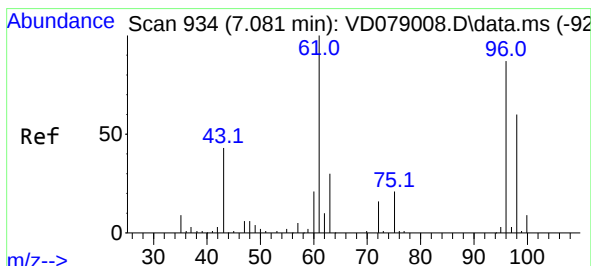
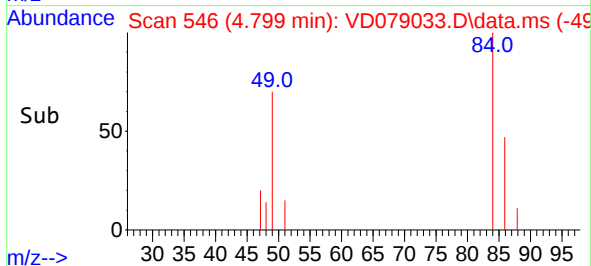
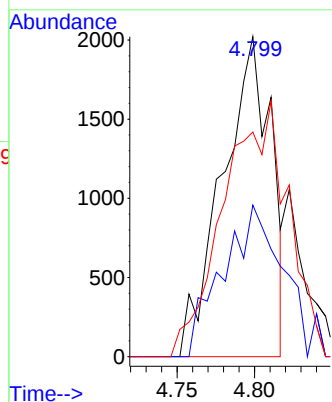


#16
Methylene chloride
Concen: 6.038 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD079033.D
Acq: 24 May 2024 22:35

Instrument :
MSVOA_D
ClientSampleId :

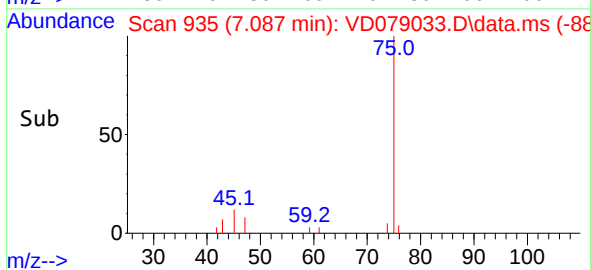
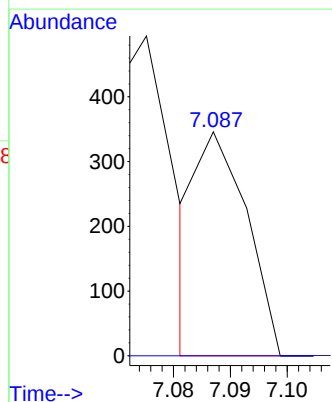
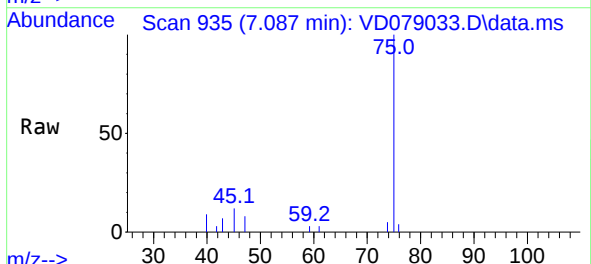


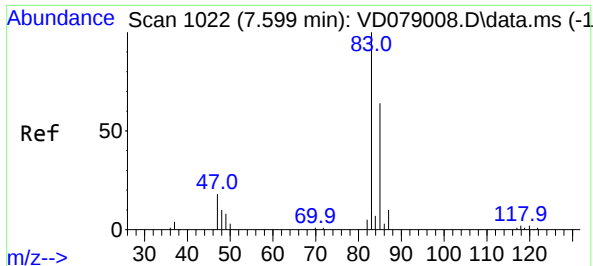
Tgt Ion: 84 Resp: 4417
Ion Ratio Lower Upper
84 100
86 47.4 43.7 81.1
49 70.2 64.0 119.0



#22
2-Butanone
Concen: 1.364 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD079033.D
Acq: 24 May 2024 22:35

Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
72 0.0 17.1 51.2#





#25

Chloroform

Concen: 0.814 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD079033.D

Acq: 24 May 2024 22:35

Instrument :

MSVOA_D

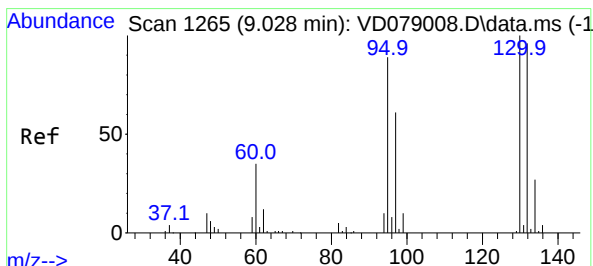
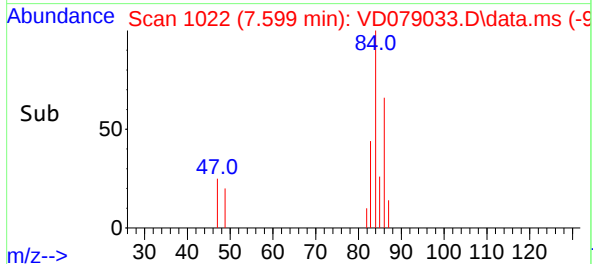
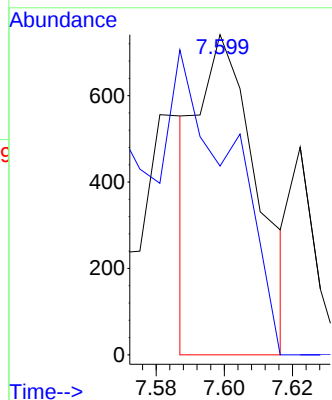
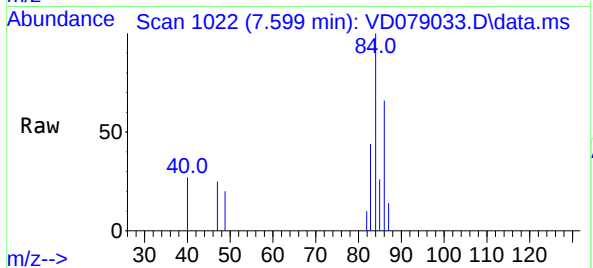
ClientSampleId :

Tgt Ion: 83 Resp: 894

Ion Ratio Lower Upper

83 100

85 59.0 41.8 77.6



#34

Trichloroethene

Concen: 1.017 ug/L

RT: 8.769 min Scan# 1221

Delta R.T. -0.259 min

Lab File: VD079033.D

Acq: 24 May 2024 22:35

Tgt Ion: 95 Resp: 675

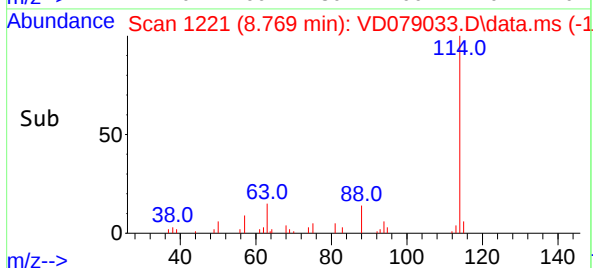
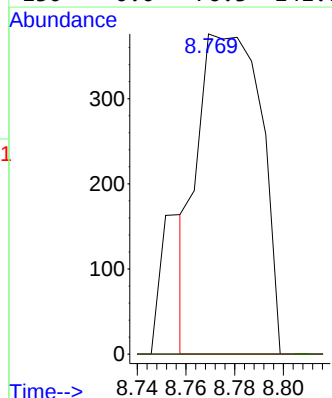
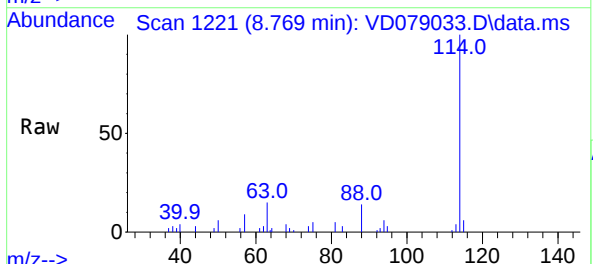
Ion Ratio Lower Upper

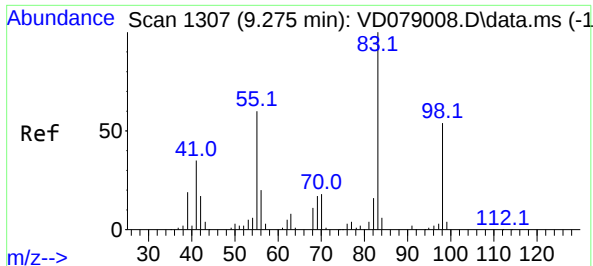
95 100

97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#





#35

Methylcyclohexane

Concen: 3.562 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.059 min

Lab File: VD079033.D

Acq: 24 May 2024 22:35

Instrument :

MSVOA_D

ClientSampleId :

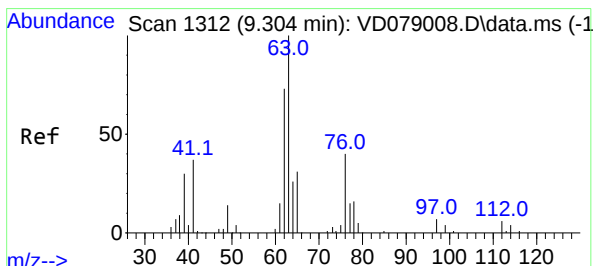
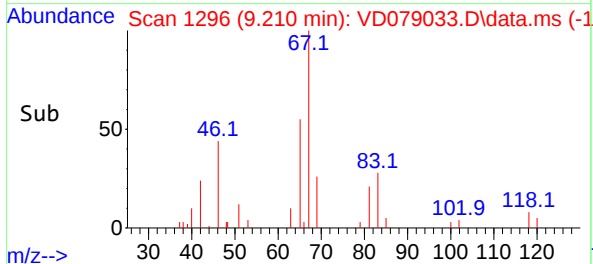
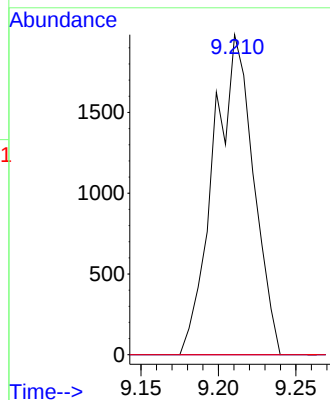
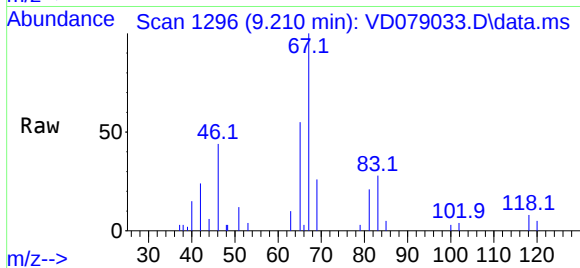
Tgt Ion: 83 Resp: 3554

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: 2.250 ug/L

RT: 9.205 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD079033.D

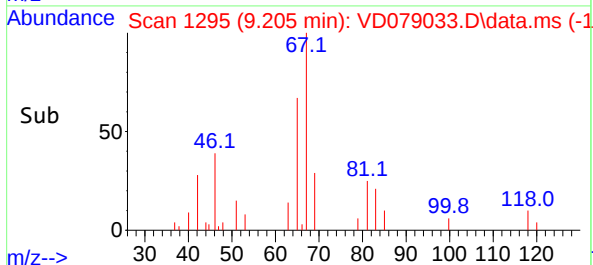
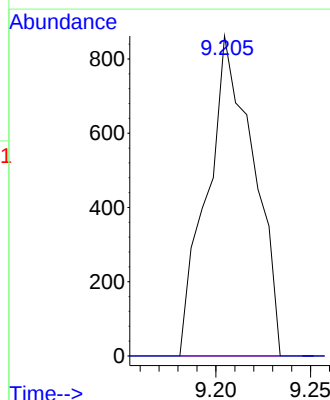
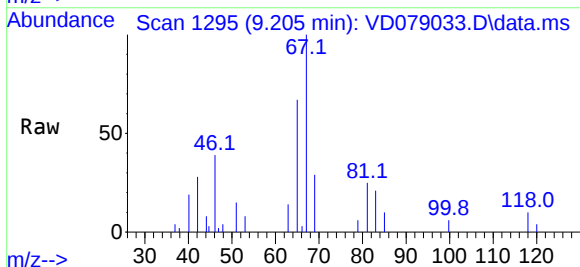
Acq: 24 May 2024 22:35

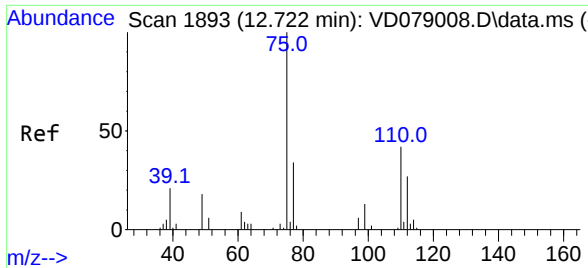
Tgt Ion: 63 Resp: 1469

Ion Ratio Lower Upper

63 100

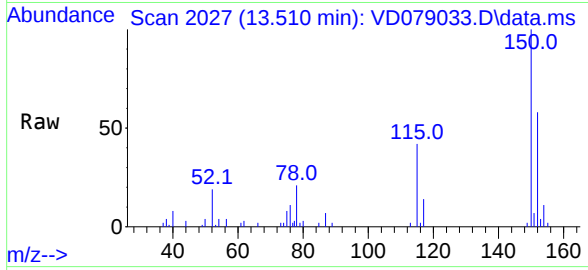
112 0.0 4.1 6.1#





#61
 1,2,3-Trichloropropane
 Concen: 4.811 ug/L
 RT: 13.510 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD079033.D
 Acq: 24 May 2024 22:35

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	1708
Ion	Ratio	Lower Upper
75	100	
77	32.9	26.2 39.2
110	0.0	37.1 55.7#

