

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079157.D
 Acq On : 10 Jun 2024 14:30
 Operator : RP/MD
 Sample : P2775-01
 Misc : 5.51G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 11 02:48:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

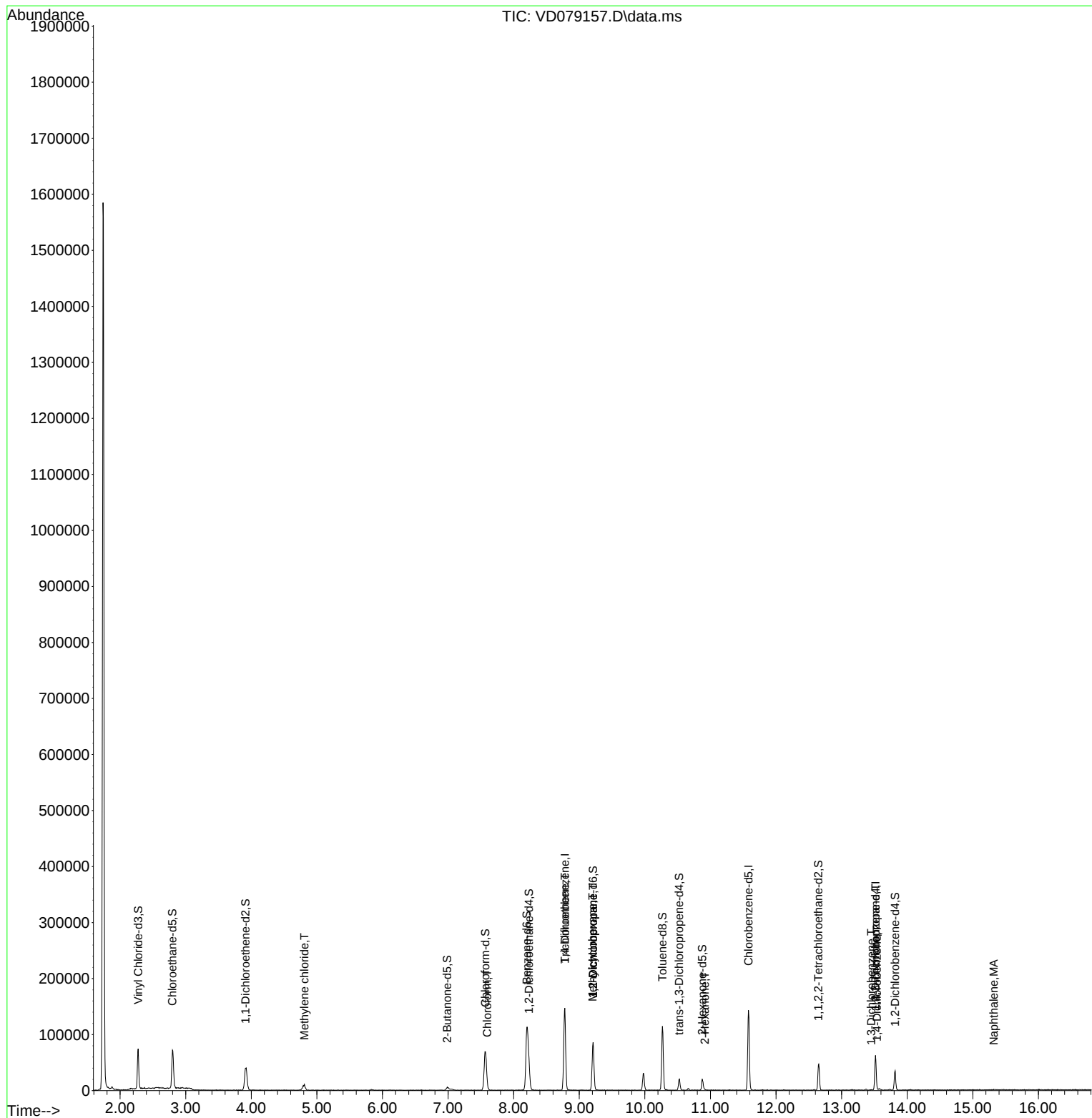
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	138920	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	91151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	17780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	64867	15.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.680%
7) Chloroethane-d5	2.799	69	74166	17.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.760%
11) 1,1-Dichloroethene-d2	3.910	65	11739	15.468	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.880%
21) 2-Butanone-d5	6.987	46	8145	24.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.820%
24) Chloroform-d	7.569	84	76796	19.771	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.080%
26) 1,2-Dichloroethane-d4	8.234	65	36545	20.395	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	8.198	84	129890	25.705	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.840%
36) 1,2-Dichloropropane-d6	9.210	67	42943	29.503	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.000%
41) Toluene-d8	10.269	98	82699	17.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.920%
43) trans-1,3-Dichloroprop...	10.522	79	12643	20.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.680%
47) 2-Hexanone-d5	10.875	63	6627	35.218	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.440%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	25104	19.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	10441	17.015	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.080%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.810	84	8474	3.423	ug/L	92
25) Chloroform	7.598	83	2340	0.616	ug/L	81
34) Trichloroethene	8.781	95	3883	2.777	ug/L #	1
35) Methylcyclohexane	9.204	83	10227	4.414	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	4462	3.355	ug/L #	85
48) 2-Hexanone	10.916	43	437	0.910	ug/L #	34
61) 1,2,3-Trichloropropane	13.516	75	2126	6.773	ug/L #	57
64) 1,3-Dichlorobenzene	13.451	146	387	0.343	ug/L #	63
65) 1,4-Dichlorobenzene	13.539	146	586	0.490	ug/L #	63
71) Naphthalene	15.321	128	1293	1.169	ug/L #	69

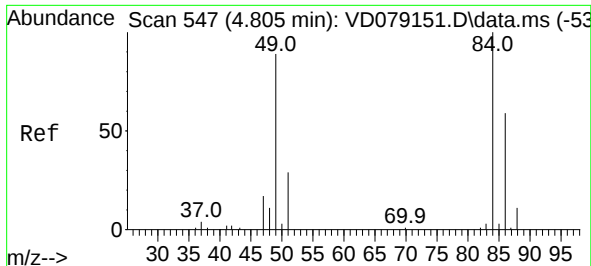
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
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Sample : P2775-01
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Quant Title : SFAM01.0
QLast Update : Tue Jun 11 02:46:15 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.423 ug/L

RT: 4.810 min Scan# 547

Delta R.T. 0.006 min

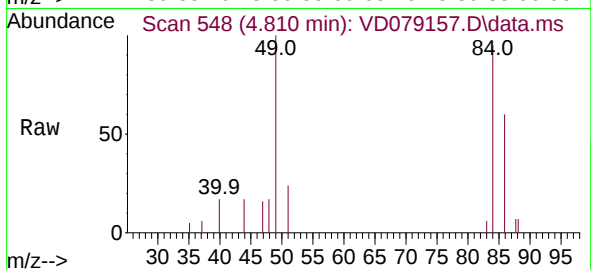
Lab File: VD079157.D

Acq: 10 Jun 2024 14:30

Instrument :

MSVOA_D

ClientSampleId :



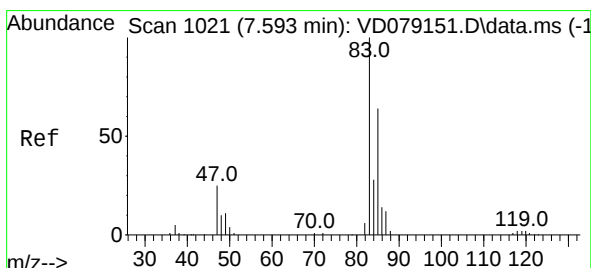
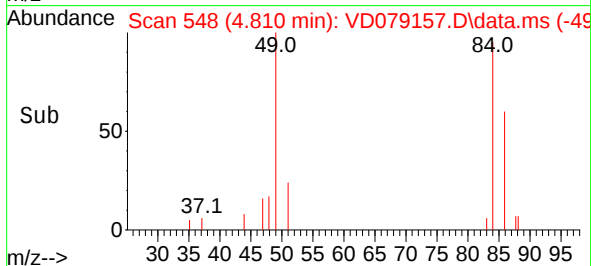
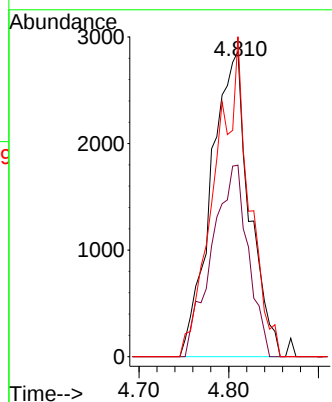
Tgt Ion: 84 Resp: 8474

Ion Ratio Lower Upper

84 100

86 62.7 40.9 76.0

49 104.9 67.5 125.3



#25

Chloroform

Concen: 0.616 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079157.D

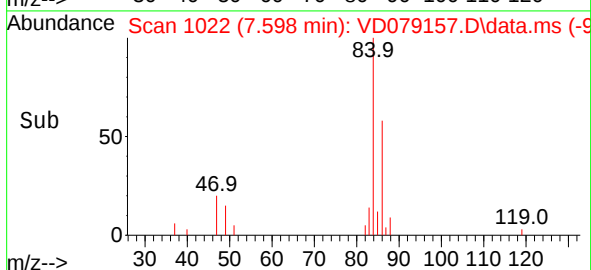
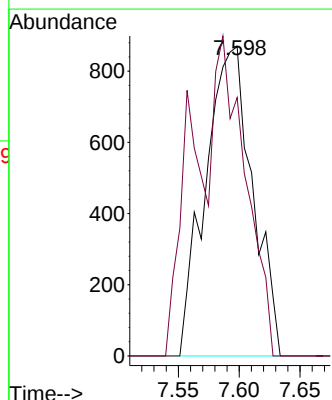
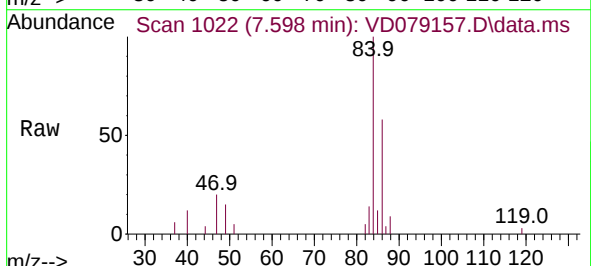
Acq: 10 Jun 2024 14:30

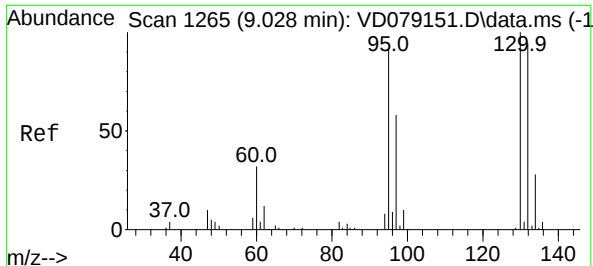
Tgt Ion: 83 Resp: 2340

Ion Ratio Lower Upper

83 100

85 83.5 47.9 89.1





#34

Trichloroethene

Concen: 2.777 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD079157.D

Acq: 10 Jun 2024 14:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 3883

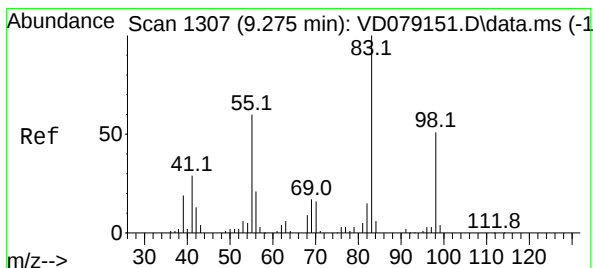
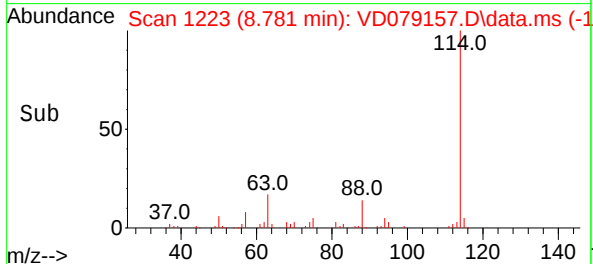
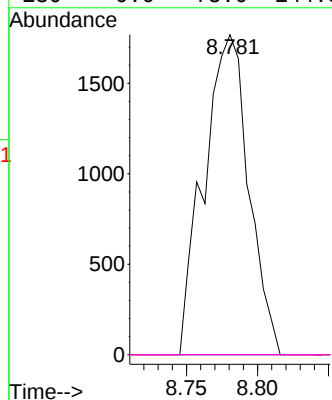
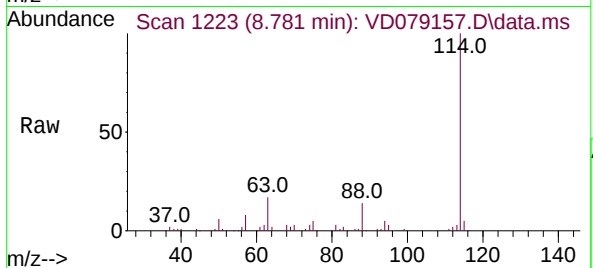
Ion Ratio Lower Upper

95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#



#35

Methylcyclohexane

Concen: 4.414 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

Lab File: VD079157.D

Acq: 10 Jun 2024 14:30

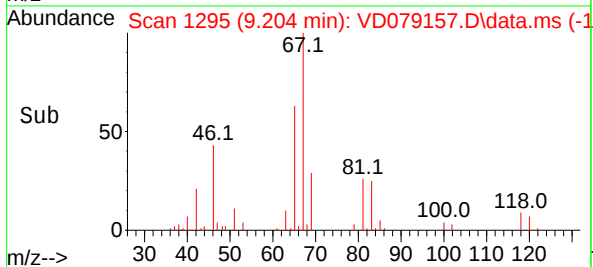
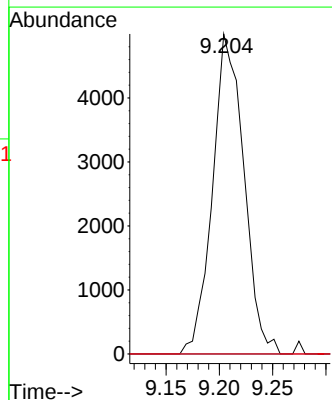
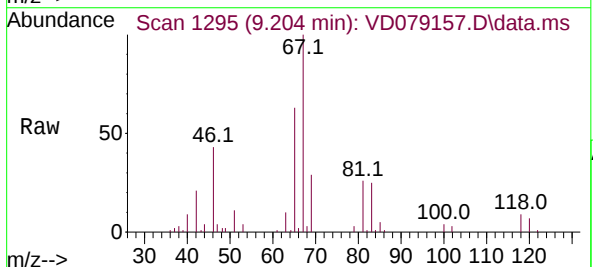
Tgt Ion: 83 Resp: 10227

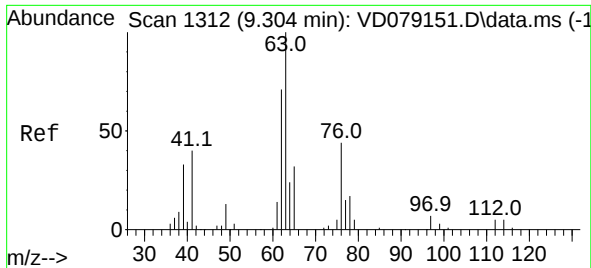
Ion Ratio Lower Upper

83 100

55 0.0 48.6 72.8#

98 0.0 40.2 60.2#

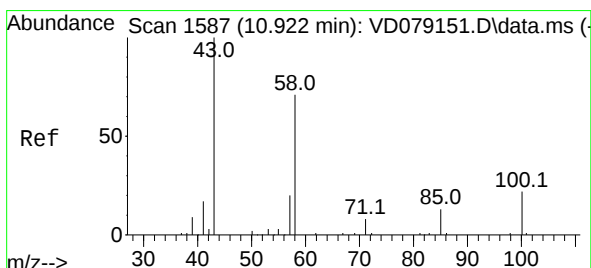
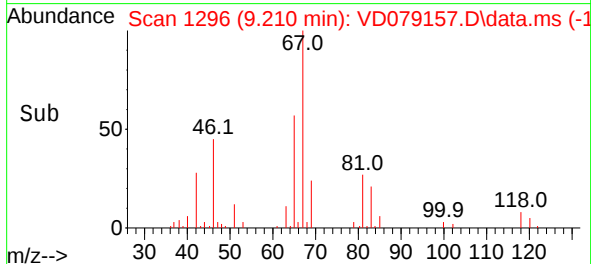
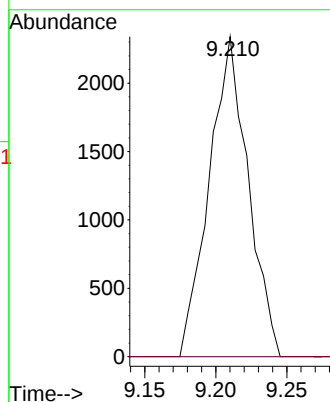
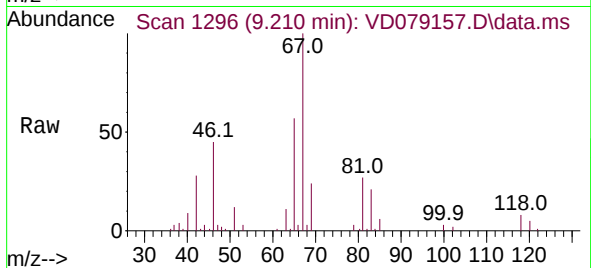




#37
1,2-Dichloropropane
Concen: 3.355 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD079157.D
Acq: 10 Jun 2024 14:30

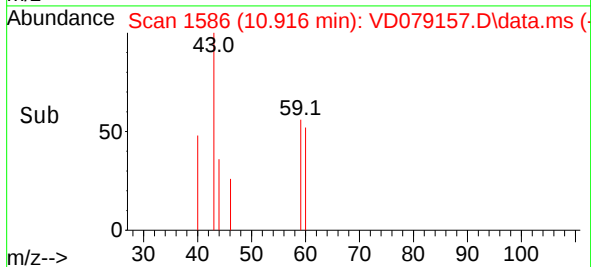
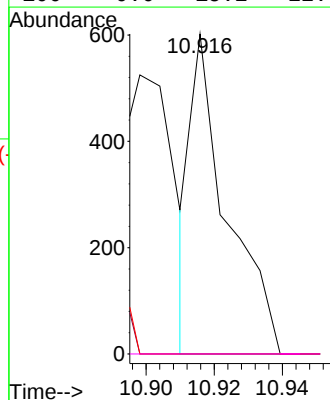
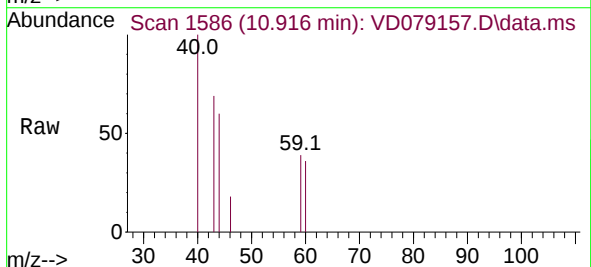
Instrument :
MSVOA_D
ClientSampleId :

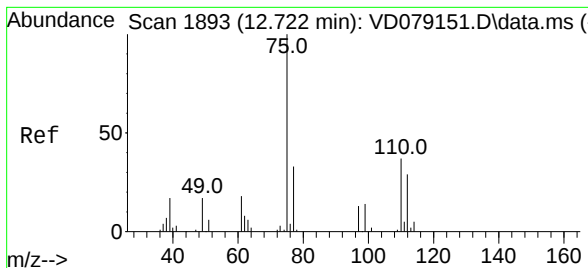
Tgt Ion: 63 Resp: 4462
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#48
2-Hexanone
Concen: 0.910 ug/L
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079157.D
Acq: 10 Jun 2024 14:30

Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 50.1 75.1#
57 0.0 16.5 24.7#
100 0.0 15.2 22.8#





#61

1,2,3-Trichloropropane

Concen: 6.773 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.794 min

Lab File: VD079157.D

Acq: 10 Jun 2024 14:30

Instrument :

MSVOA_D

ClientSampleId :

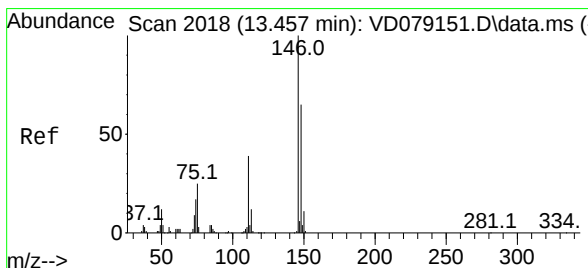
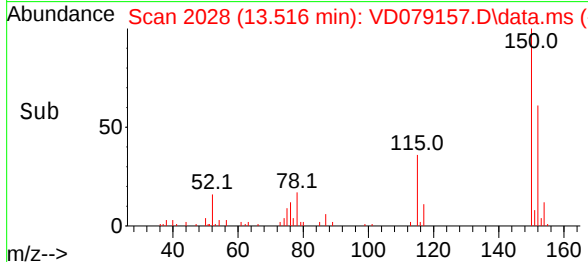
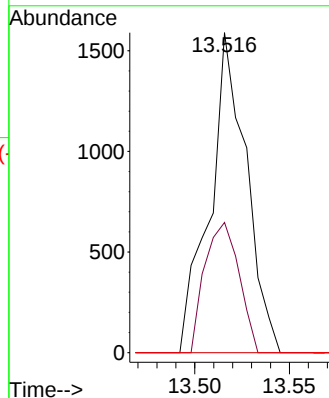
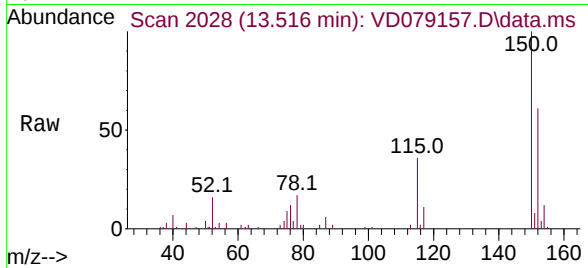
Tgt Ion: 75 Resp: 2126

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9

110 0.0 34.2 51.4#



#64

1,3-Dichlorobenzene

Concen: 0.343 ug/L

RT: 13.451 min Scan# 2017

Delta R.T. -0.006 min

Lab File: VD079157.D

Acq: 10 Jun 2024 14:30

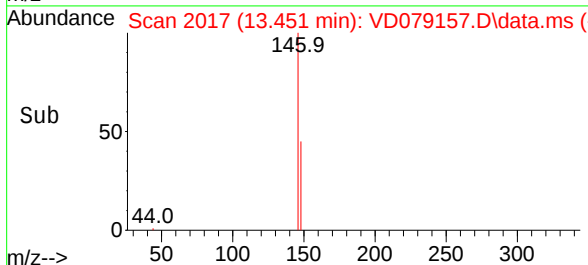
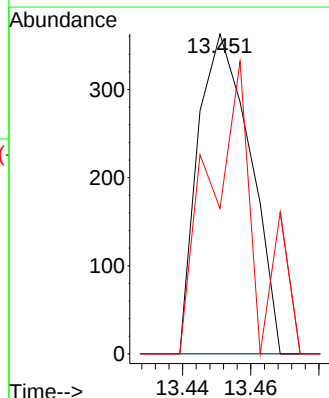
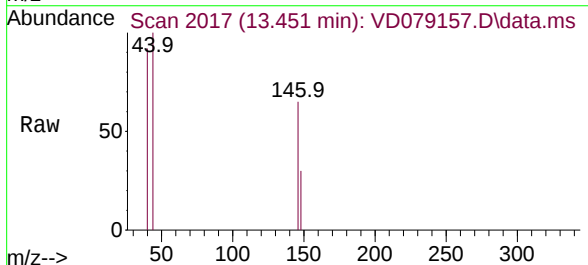
Tgt Ion: 146 Resp: 387

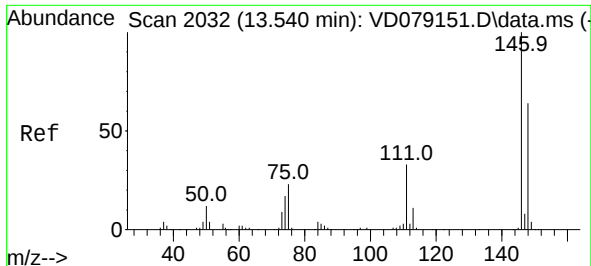
Ion Ratio Lower Upper

146 100

111 0.0 24.4 45.4#

148 45.5 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 0.490 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

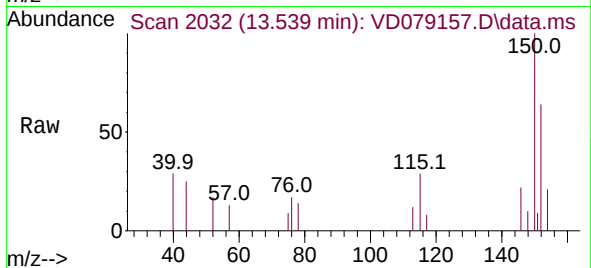
Lab File: VD079157.D

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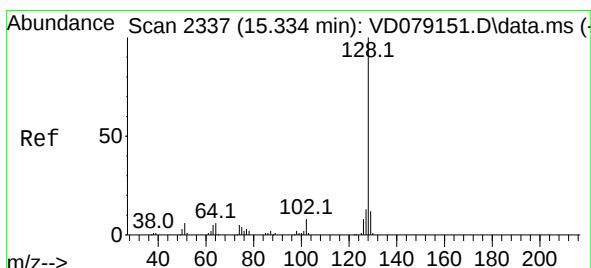
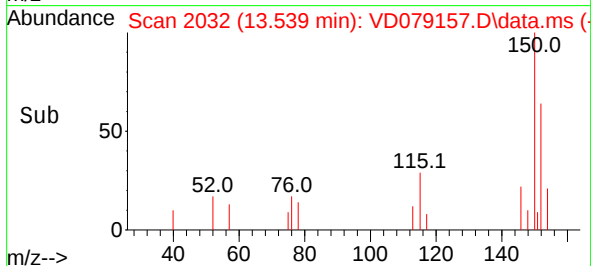
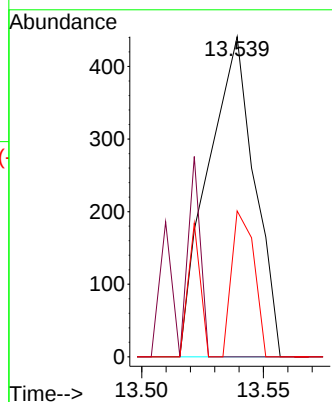
Tgt Ion:146 Resp: 586

Ion Ratio Lower Upper

146 100

111 0.0 26.3 48.9#

148 45.6 43.1 80.1



#71

Naphthalene

Concen: 1.169 ug/L

RT: 15.321 min Scan# 2335

Delta R.T. -0.012 min

Lab File: VD079157.D

Acq: 10 Jun 2024 14:30

Tgt Ion:128 Resp: 1293

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.5 12.7#

