

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD079000.D
 Acq On : 23 May 2024 13:18
 Operator : RP/MD
 Sample : P2570-02
 Misc : 4.59G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:14:50 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)

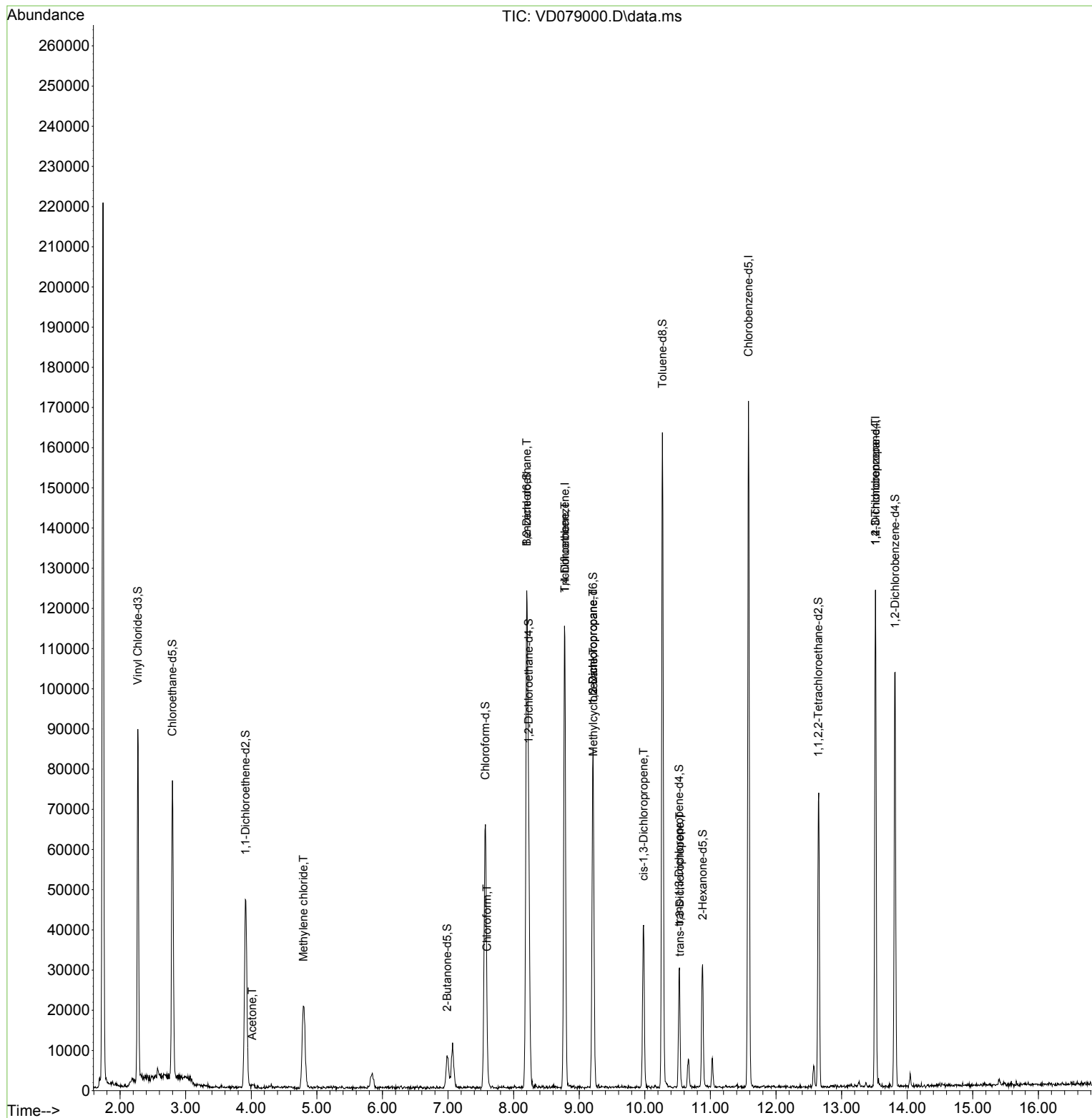
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	107312	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	102665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	35161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	80431	30.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.280%
7) Chloroethane-d5	2.799	69	79565	28.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	3.911	65	12497	24.353	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.400%
21) 2-Butanone-d5	6.987	46	13759	36.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.900%
24) Chloroform-d	7.569	84	72110	22.572	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.228	65	38024	25.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.240%
32) Benzene-d6	8.199	84	140277	26.778	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.120%
36) 1,2-Dichloropropane-d6	9.210	67	42718	26.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.040%
41) Toluene-d8	10.269	98	118299	24.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	10.522	79	17605	23.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.760%
47) 2-Hexanone-d5	10.881	63	11866	37.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.180%
56) 1,1,2,2-Tetrachloroeth...	12.646	84	38842	21.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	30040	25.171	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.680%
Target Compounds	Qvalue					
13) Acetone	4.017	43	617	1.372	ug/L	93
16) Methylene chloride	4.793	84	16714	6.575	ug/L	90
25) Chloroform	7.593	83	2542	0.666	ug/L	98
27) 1,2-Dichloroethane	8.199	62	501	0.227	ug/L #	68
34) Trichloroethene	8.781	95	3097	1.708	ug/L #	3
35) Methylcyclohexane	9.216	83	10060	3.691	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	4477	2.510	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	1143	0.409	ug/L	96
44) trans-1,3-Dichloropropene	10.534	75	937	0.379	ug/L #	44
61) 1,2,3-Trichloropropane	13.516	75	4230	5.248	ug/L #	57

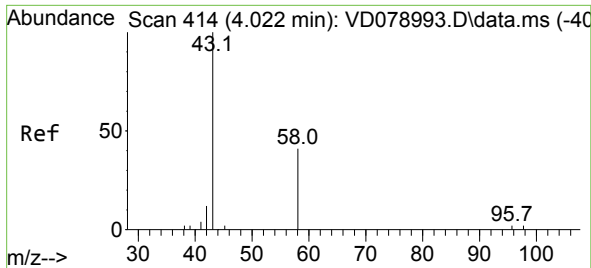
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.372 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

Instrument :

MSVOA_D

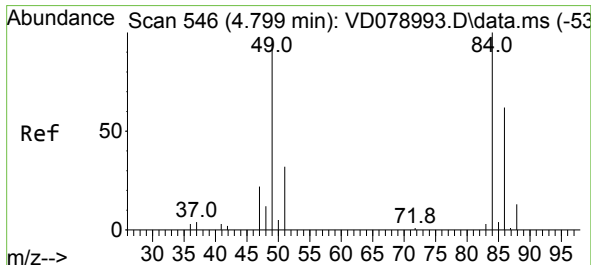
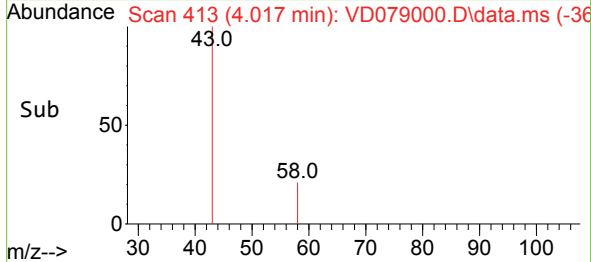
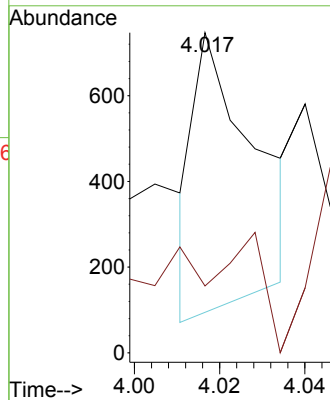
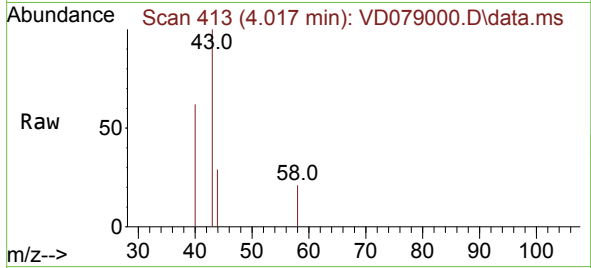
ClientSampleId :

Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

43 100

58 41.8 0.0 75.0



#16

Methylene chloride

Concen: 6.575 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

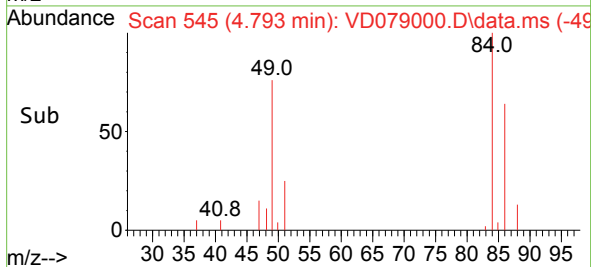
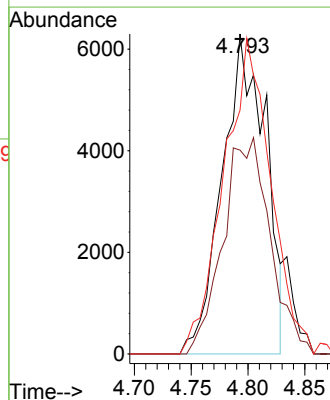
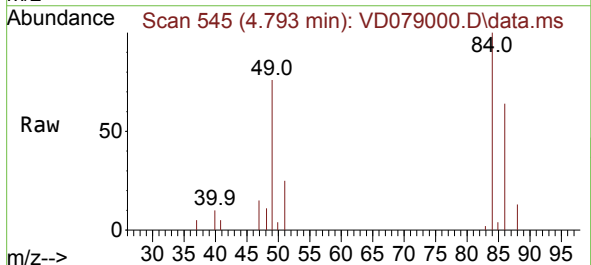
Tgt Ion: 84 Resp: 16714

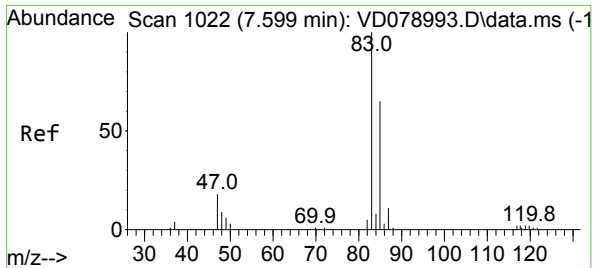
Ion Ratio Lower Upper

84 100

86 63.7 43.7 81.1

49 76.2 64.0 119.0

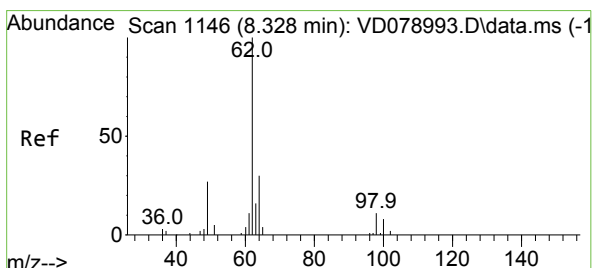
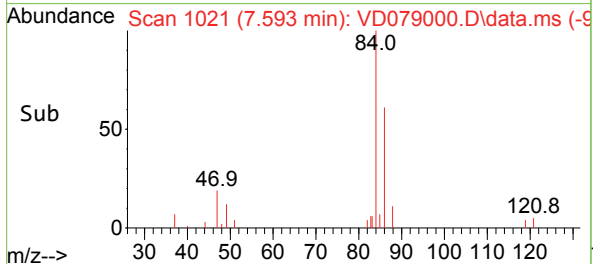
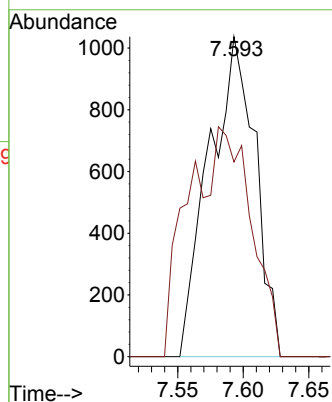
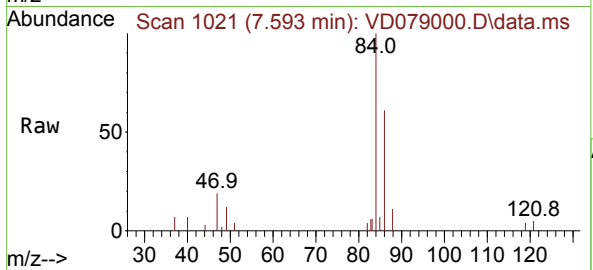




#25
Chloroform
Concen: 0.666 ug/L
RT: 7.593 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD079000.D
Acq: 23 May 2024 13:18

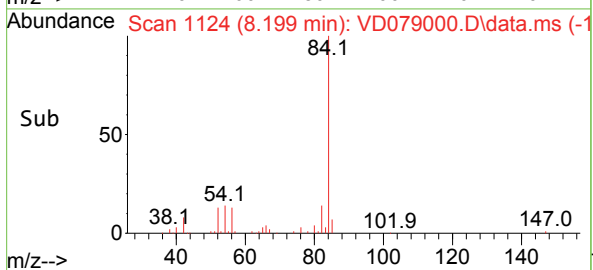
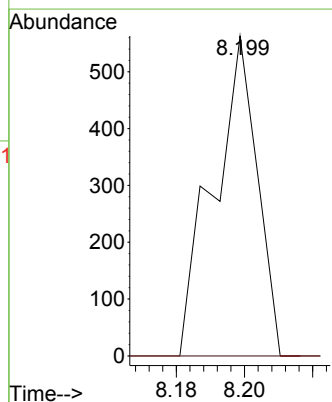
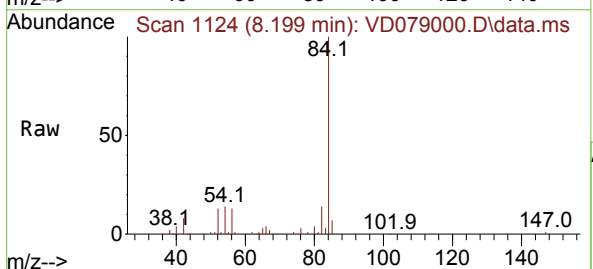
Instrument :
MSVOA_D
ClientSampleId :

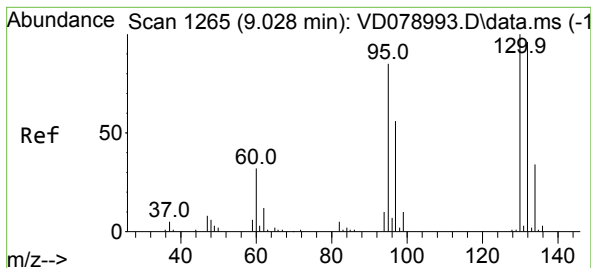
Tgt Ion: 83 Resp: 2542
Ion Ratio Lower Upper
83 100
85 60.8 41.8 77.6



#27
1,2-Dichloroethane
Concen: 0.227 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. -0.129 min
Lab File: VD079000.D
Acq: 23 May 2024 13:18

Tgt Ion: 62 Resp: 501
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.4#





#34

Trichloroethene

Concen: 1.708 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 3097

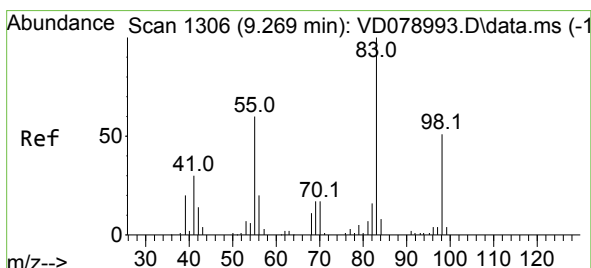
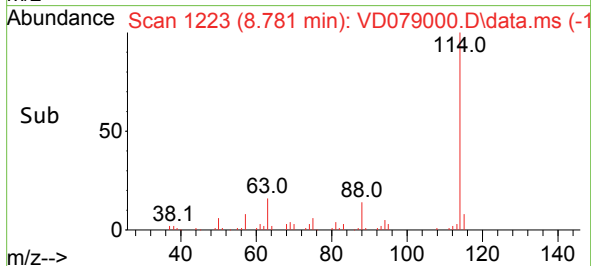
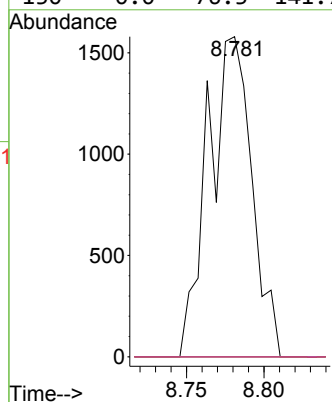
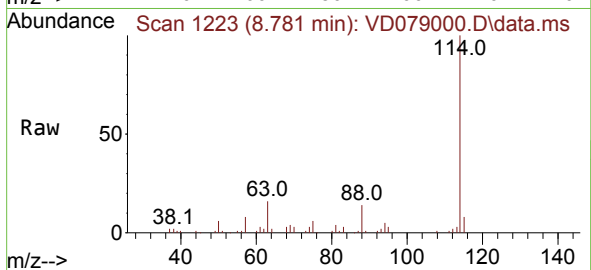
Ion Ratio Lower Upper

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: 3.691 ug/L

RT: 9.216 min Scan# 1297

Delta R.T. -0.053 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

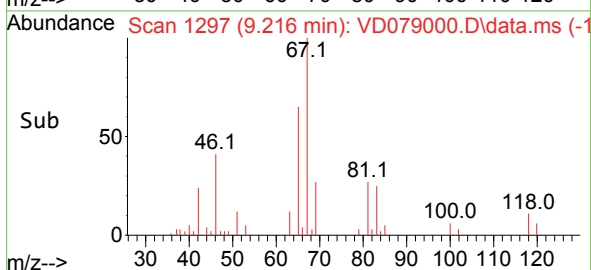
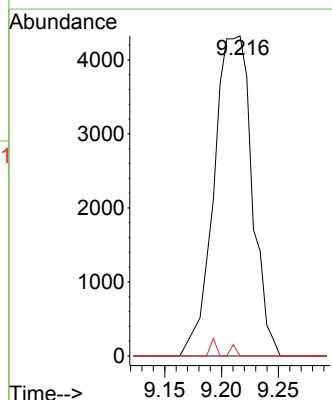
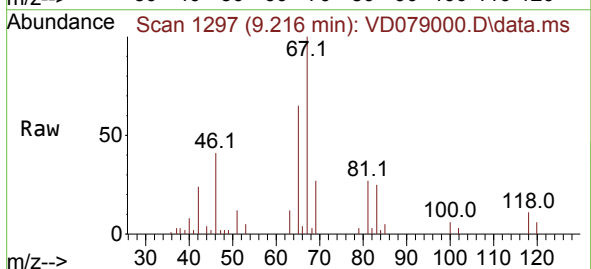
Tgt Ion: 83 Resp: 10060

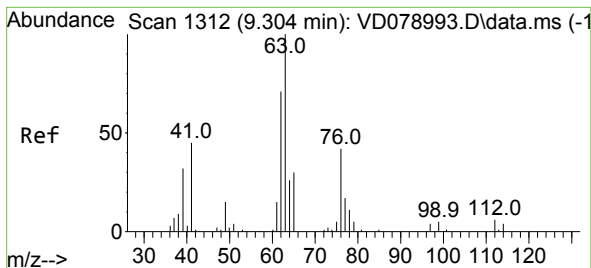
Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.6#

98 0.0 40.1 60.1#





#37

1,2-Dichloropropane

Concen: 2.510 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

Instrument :

MSVOA_D

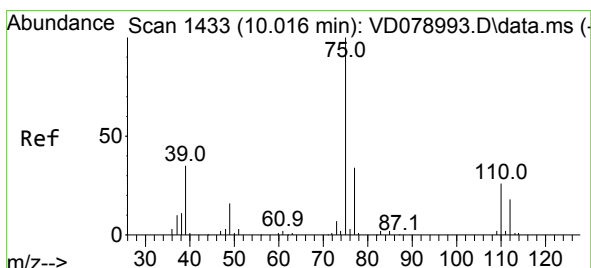
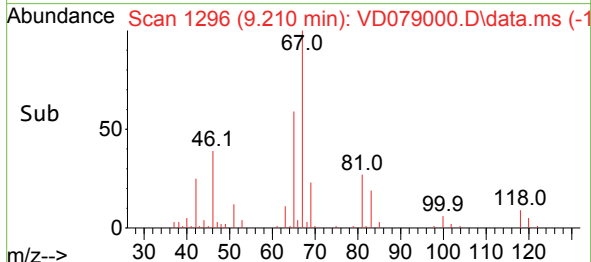
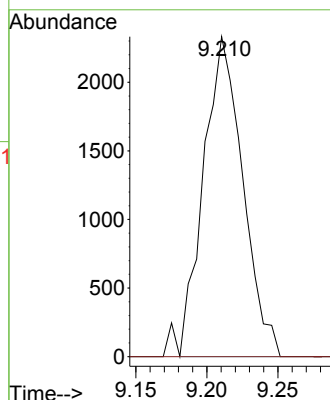
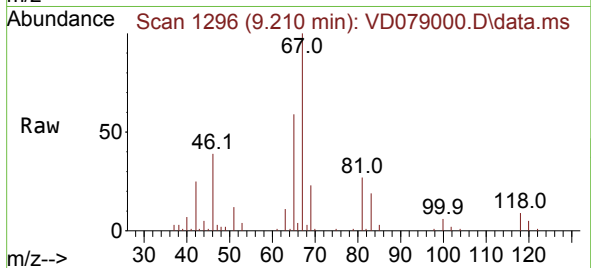
ClientSampleId :

Tgt Ion: 63 Resp: 4477

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.409 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079000.D

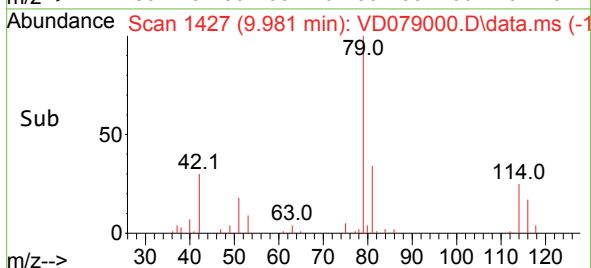
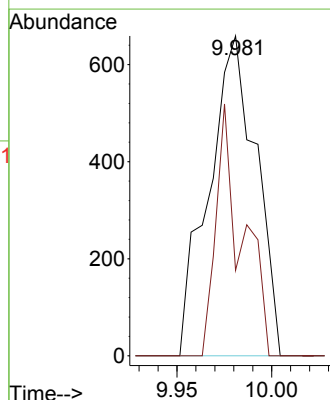
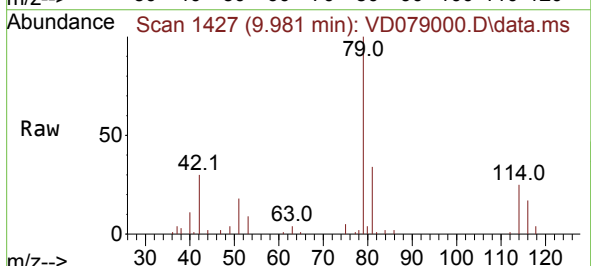
Acq: 23 May 2024 13:18

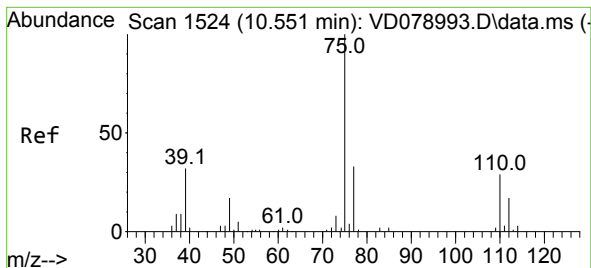
Tgt Ion: 75 Resp: 1143

Ion Ratio Lower Upper

75 100

77 26.7 20.0 37.2





#44

trans-1,3-Dichloropropene

Concen: 0.379 ug/L

RT: 10.534 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

Instrument :

MSVOA_D

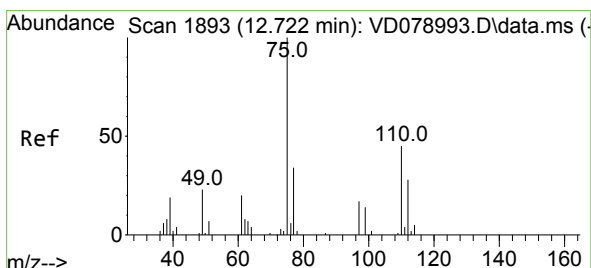
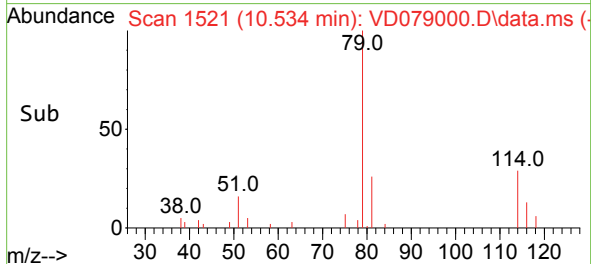
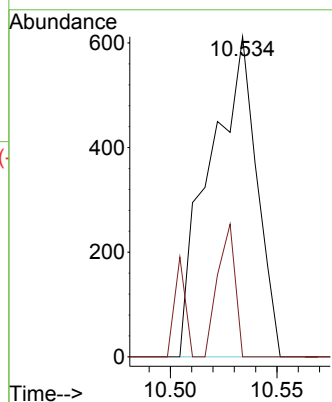
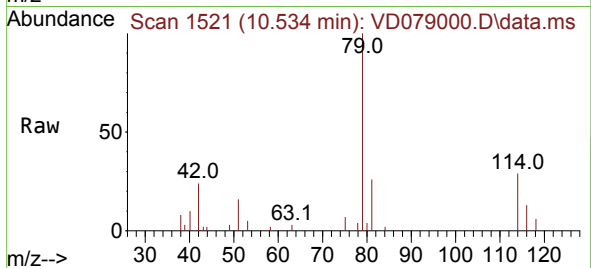
ClientSampleId :

Tgt Ion: 75 Resp: 937

Ion Ratio Lower Upper

75 100

77 0.0 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 5.248 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079000.D

Acq: 23 May 2024 13:18

Tgt Ion: 75 Resp: 4230

Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2

110 0.0 37.1 55.7#

