

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062024\
 Data File : VD079214.D
 Acq On : 20 Jun 2024 11:24
 Operator : RP/MD
 Sample : VD0620SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 21 04:14:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 04:13:10 2024
 Response via : Initial Calibration

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

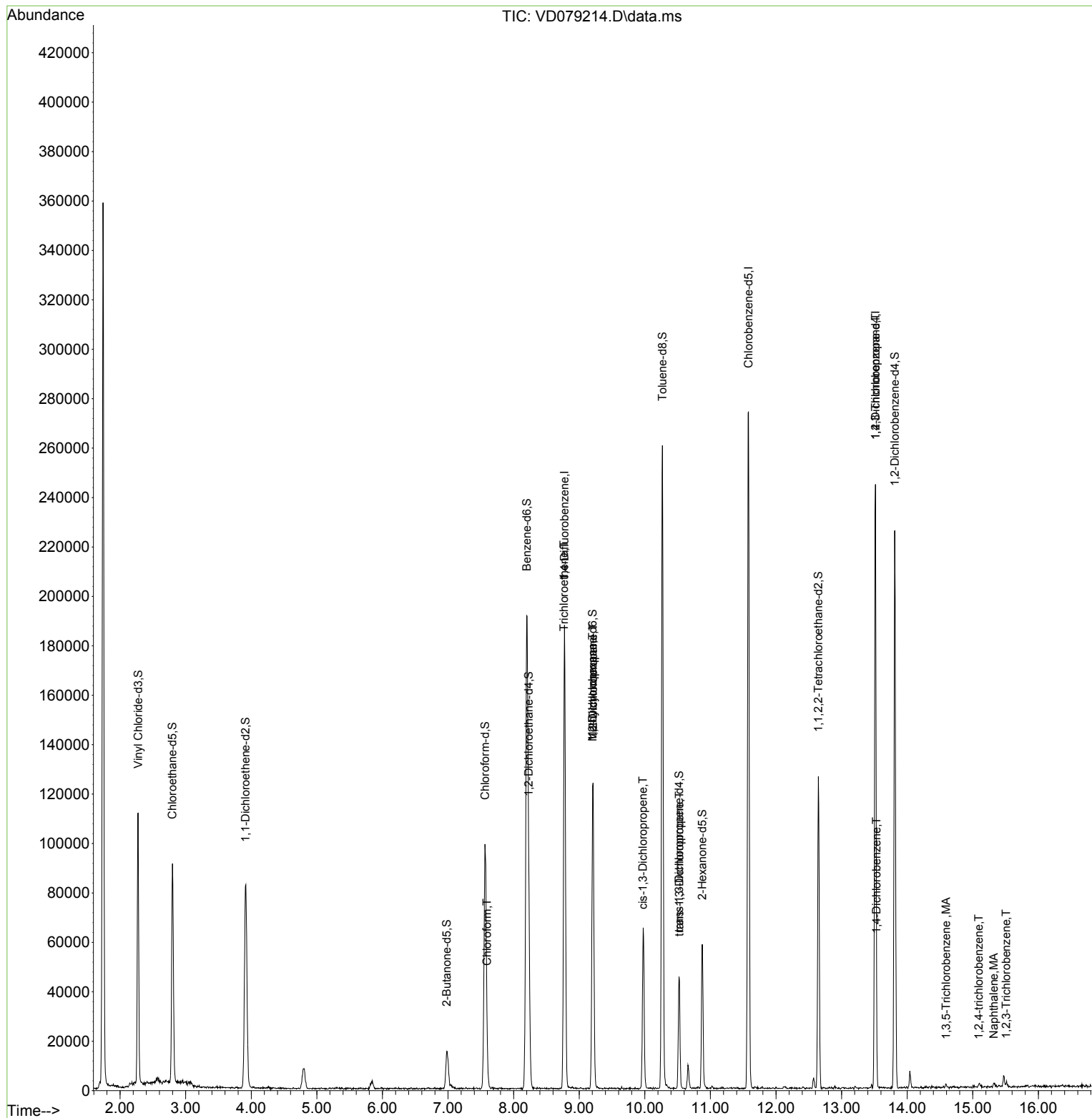
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	176626	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	178183	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	71675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	105652	19.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.760%
7) Chloroethane-d5	2.799	69	95627	18.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	3.911	65	22731	23.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.240%
21) 2-Butanone-d5	6.981	46	24753	59.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.080%
24) Chloroform-d	7.563	84	106109	21.486	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.960%
26) 1,2-Dichloroethane-d4	8.228	65	55646	24.425	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.720%
32) Benzene-d6	8.199	84	218373	22.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	9.204	67	65936	23.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	10.269	98	190310	20.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.320%
43) trans-1,3-Dichloroprop...	10.522	79	27296	22.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.875	63	21175	57.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.140%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	64816	25.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.810	152	64405	26.036	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.160%
Target Compounds						
					Qvalue	
25) Chloroform	7.593	83	5566	1.152	ug/L	85
34) Trichloroethene	8.769	95	4739	1.734	ug/L #	1
35) Methylcyclohexane	9.204	83	15563	3.436	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	6494	2.498	ug/L #	85
39) cis-1,3-Dichloropropene	9.969	75	1176	0.290	ug/L #	52
44) trans-1,3-Dichloropropene	10.528	75	1458	0.425	ug/L	83
61) 1,2,3-Trichloropropane	13.516	75	8505	6.721	ug/L #	59
65) 1,4-Dichlorobenzene	13.534	146	933	0.193	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.592	180	387	0.135	ug/L #	18
70) 1,2,4-trichlorobenzene	15.092	180	916	0.384	ug/L #	76
71) Naphthalene	15.322	128	2495	0.559	ug/L #	75
72) 1,2,3-Trichlorobenzene	15.510	180	923	0.448	ug/L #	65

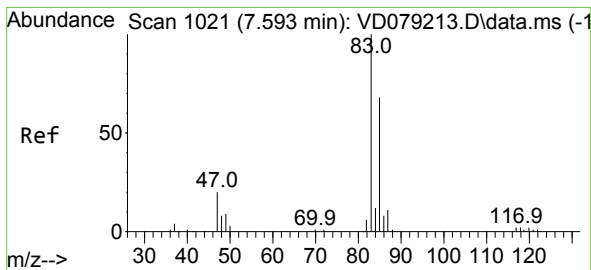
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 21 04:14:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 21 04:13:10 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 1.152 ug/L

RT: 7.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079214.D

Acq: 20 Jun 2024 11:24

Instrument :

MSVOA_D

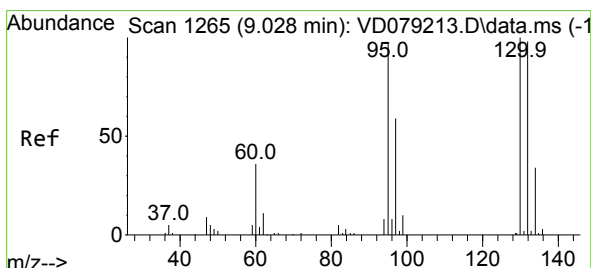
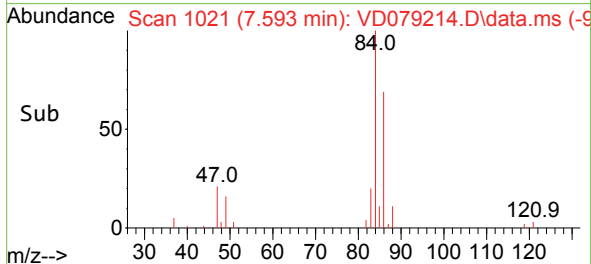
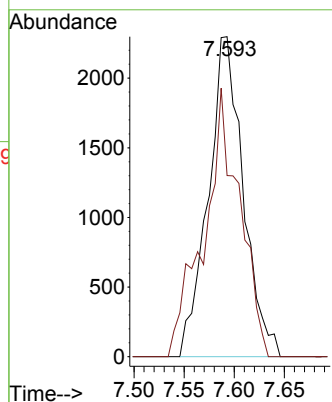
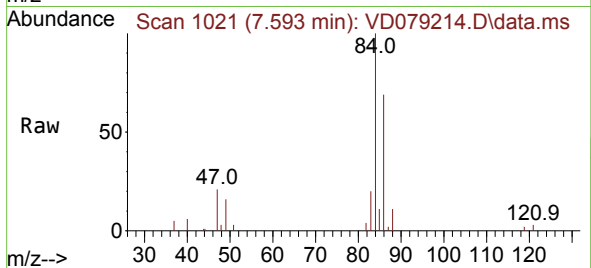
ClientSampleId :

Tgt Ion: 83 Resp: 5566

Ion Ratio Lower Upper

83 100

85 56.6 47.9 89.1



#34

Trichloroethene

Concen: 1.734 ug/L

RT: 8.769 min Scan# 1221

Delta R.T. -0.259 min

Lab File: VD079214.D

Acq: 20 Jun 2024 11:24

Tgt Ion: 95 Resp: 4739

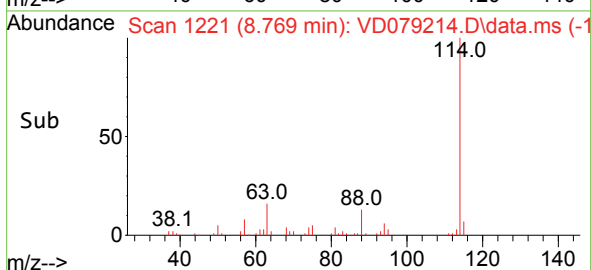
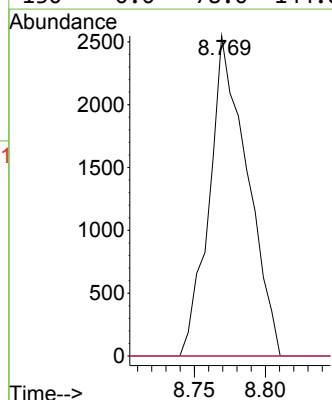
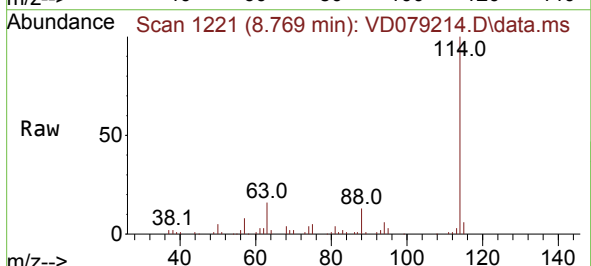
Ion Ratio Lower Upper

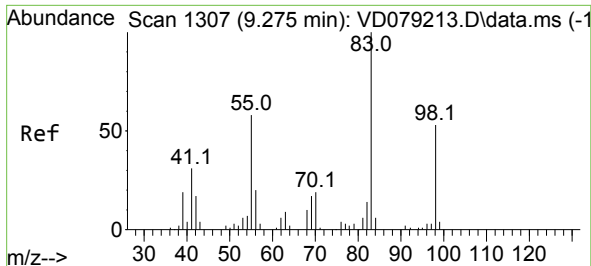
95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#

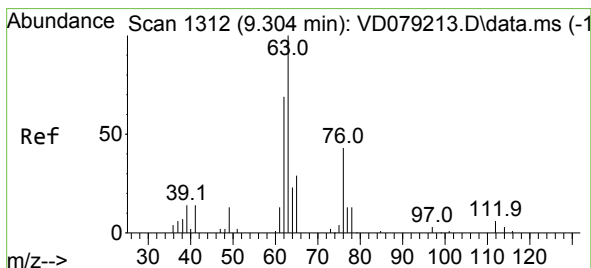
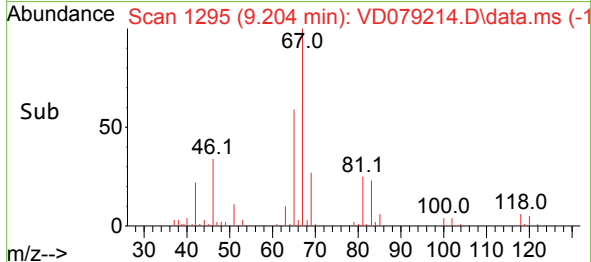
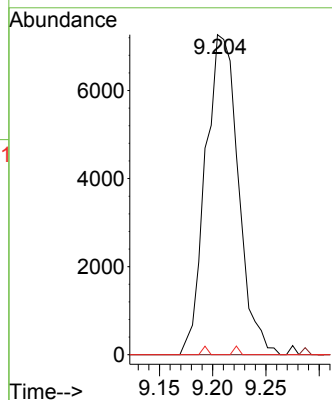
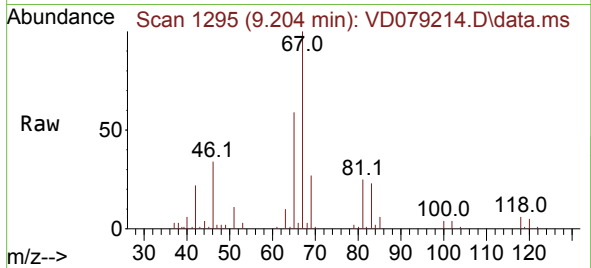




#35
Methylcyclohexane
Concen: 3.436 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.070 min
Lab File: VD079214.D
Acq: 20 Jun 2024 11:24

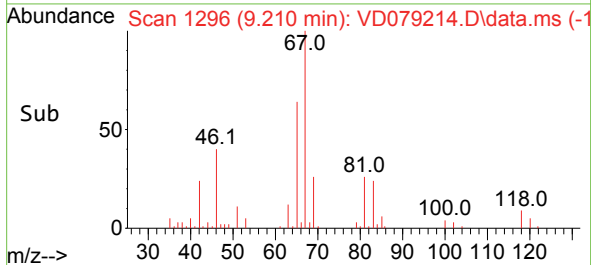
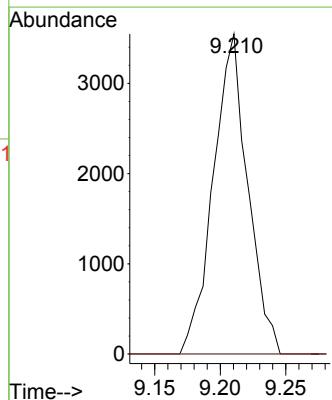
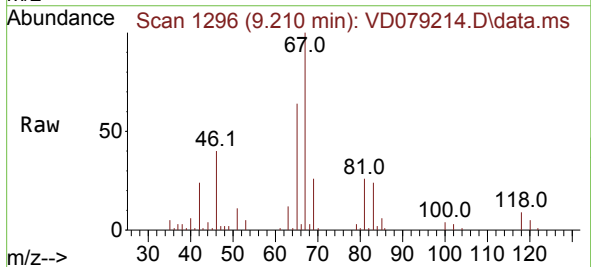
Instrument :
MSVOA_D
ClientSampleId :

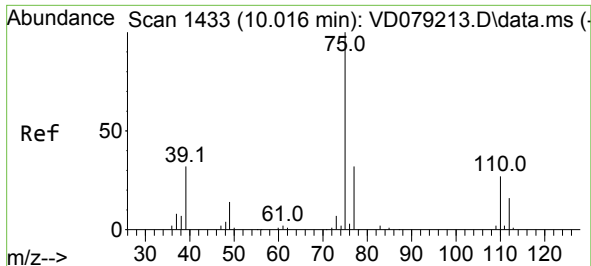
Tgt Ion: 83 Resp: 15563
Ion Ratio Lower Upper
83 100
55 0.0 48.6 72.8#
98 0.0 40.2 60.2#



#37
1,2-Dichloropropane
Concen: 2.498 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD079214.D
Acq: 20 Jun 2024 11:24

Tgt Ion: 63 Resp: 6494
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.290 ug/L

RT: 9.969 min Scan# 1433

Delta R.T. -0.047 min

Lab File: VD079214.D

Acq: 20 Jun 2024 11:24

Instrument :

MSVOA_D

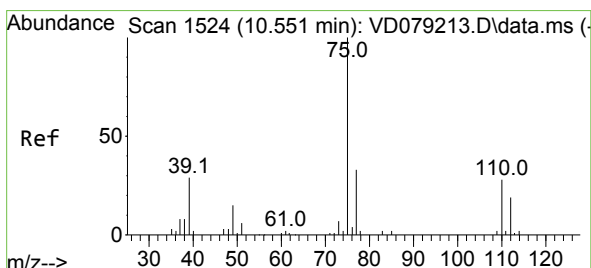
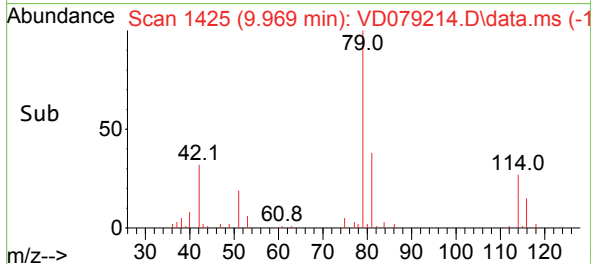
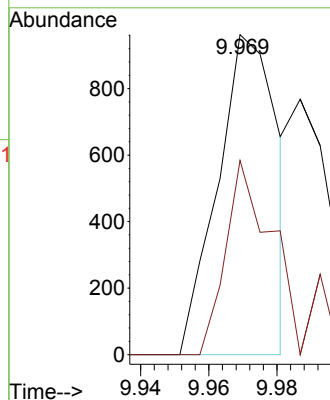
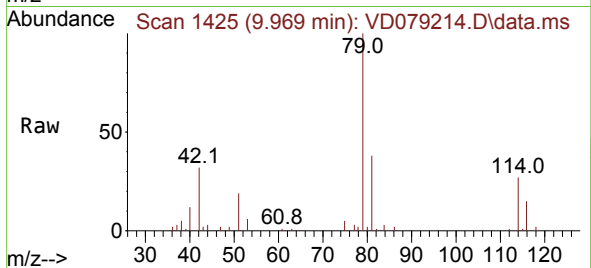
ClientSampleId :

Tgt Ion: 75 Resp: 1176

Ion Ratio Lower Upper

75 100

77 60.7 23.4 43.4#



#44

trans-1,3-Dichloropropene

Concen: 0.425 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.023 min

Lab File: VD079214.D

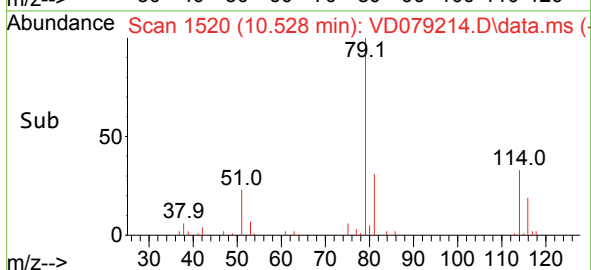
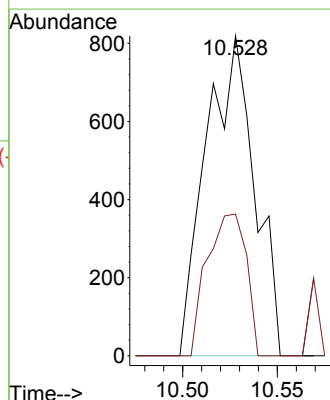
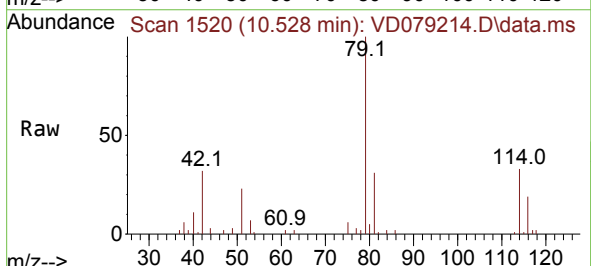
Acq: 20 Jun 2024 11:24

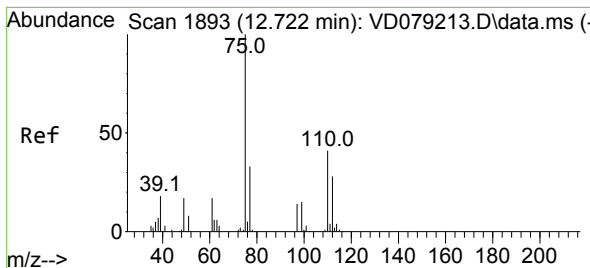
Tgt Ion: 75 Resp: 1458

Ion Ratio Lower Upper

75 100

77 44.3 24.3 45.1





#61

1,2,3-Trichloropropane

Concen: 6.721 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD079214.D

Acq: 20 Jun 2024 11:24

Instrument :

MSVOA_D

ClientSampleId :

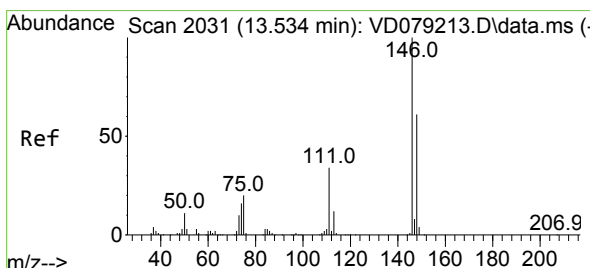
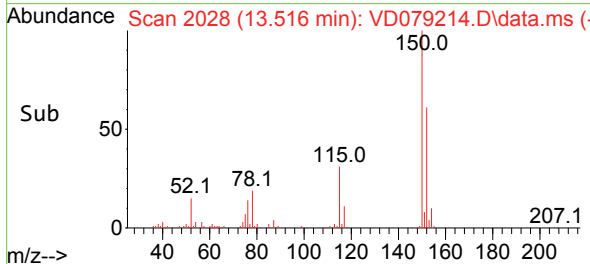
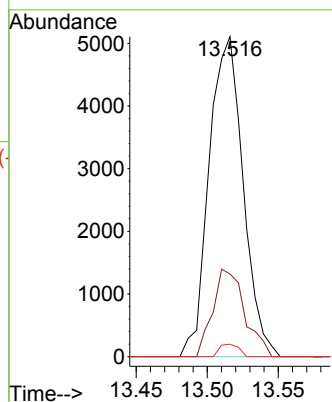
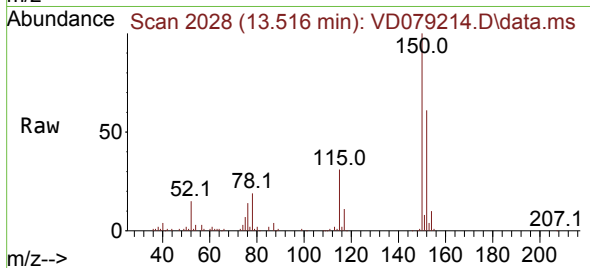
Tgt Ion: 75 Resp: 8505

Ion Ratio Lower Upper

75 100

77 25.6 25.9 38.9#

110 2.2 34.2 51.4#



#65

1,4-Dichlorobenzene

Concen: 0.193 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079214.D

Acq: 20 Jun 2024 11:24

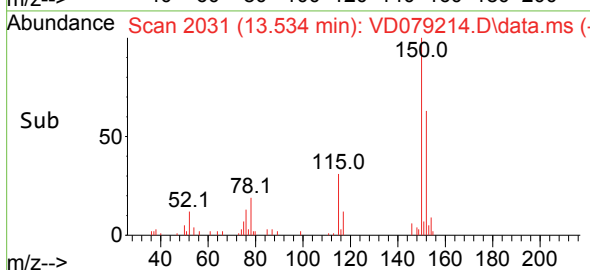
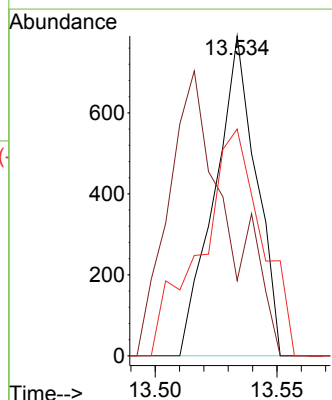
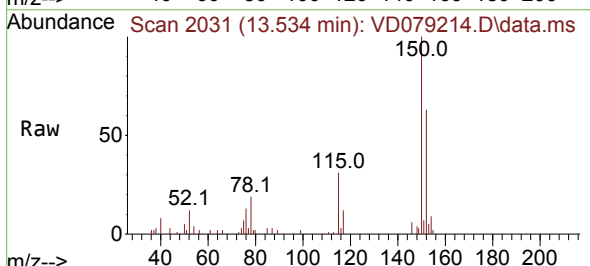
Tgt Ion:146 Resp: 933

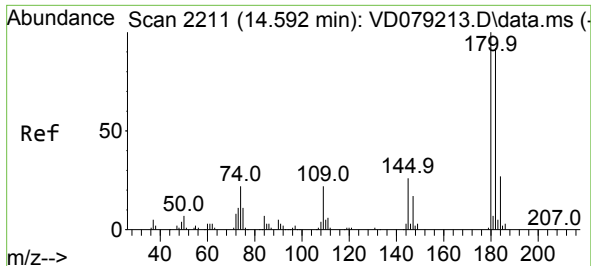
Ion Ratio Lower Upper

146 100

111 23.5 26.3 48.9#

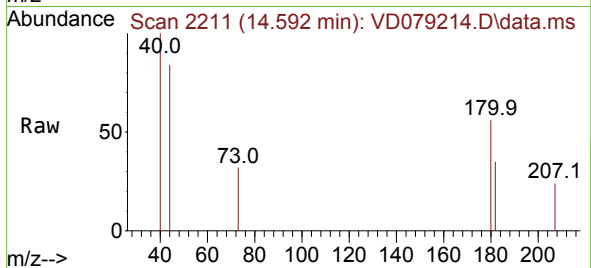
148 70.9 43.1 80.1



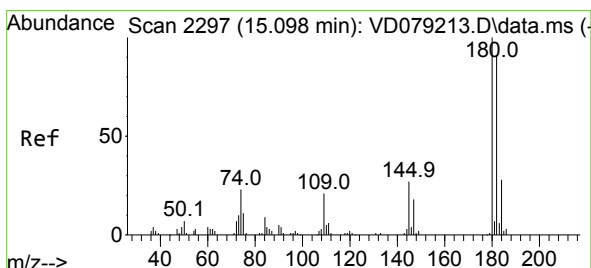
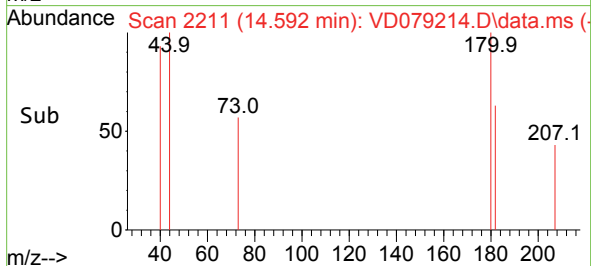
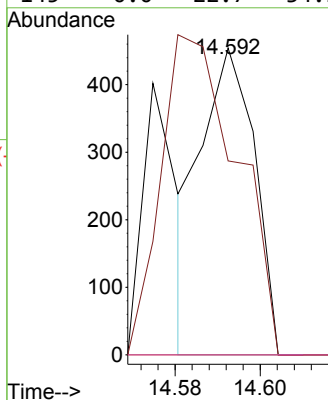


#69
 1,3,5-Trichlorobenzene
 Concen: 0.135 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD079214.D
 Acq: 20 Jun 2024 11:24

Instrument :
 MSVOA_D
 ClientSampleId :

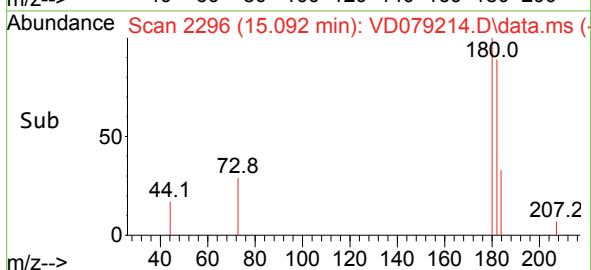
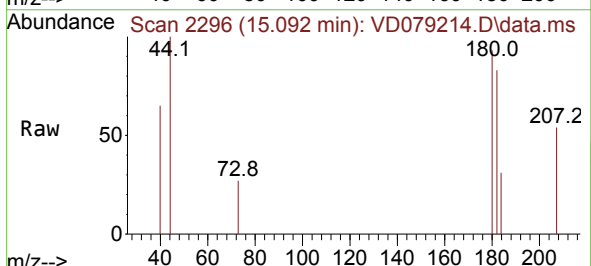
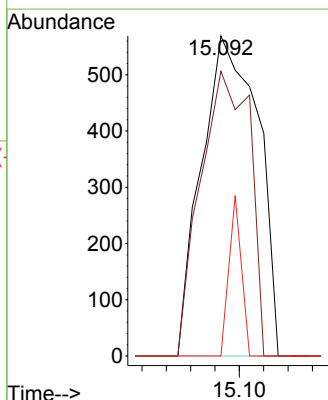


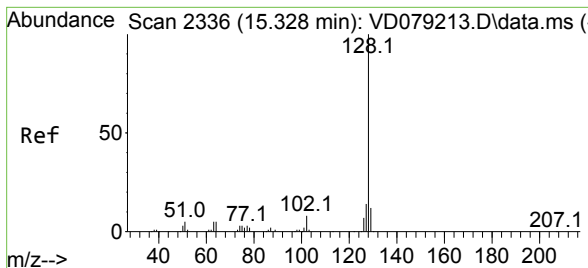
Tgt Ion:180 Resp: 387
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.9 115.3#
 184 0.0 23.3 34.9#
 145 0.0 22.7 34.1#



#70
 1,2,4-trichlorobenzene
 Concen: 0.384 ug/L
 RT: 15.092 min Scan# 2296
 Delta R.T. -0.006 min
 Lab File: VD079214.D
 Acq: 20 Jun 2024 11:24

Tgt Ion:180 Resp: 916
 Ion Ratio Lower Upper
 180 100
 182 77.6 73.8 110.6
 145 0.0 22.3 33.5#





#71

Naphthalene

Concen: 0.559 ug/L

RT: 15.322 min Scan# 21

Delta R.T. -0.006 min

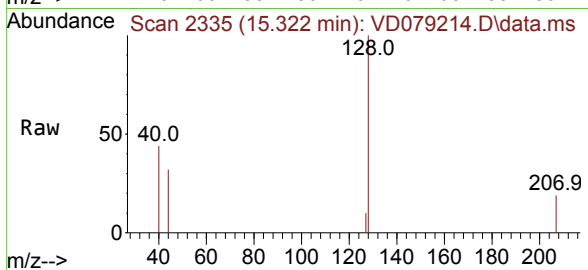
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Acq: 20 Jun 2024 11:24

Instrument :

MSVOA_D

ClientSampleId :



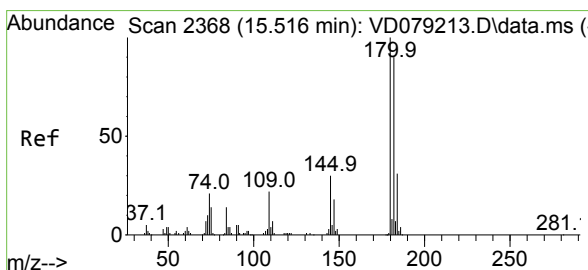
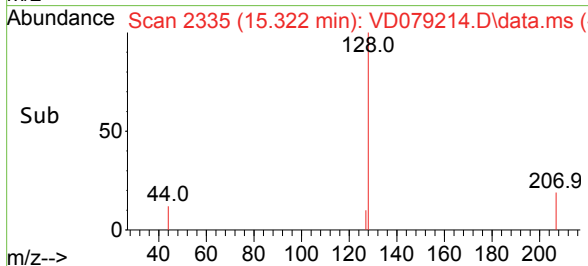
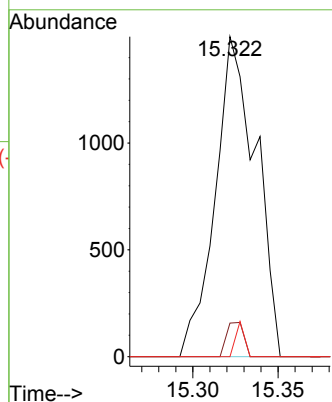
Tgt Ion:128 Resp: 2495

Ion Ratio Lower Upper

128 100

127 4.5 10.8 16.2#

129 0.0 8.5 12.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.448 ug/L

RT: 15.510 min Scan# 2367

Delta R.T. -0.006 min

Lab File: VD079214.D

Acq: 20 Jun 2024 11:24

Tgt Ion:180 Resp: 923

Ion Ratio Lower Upper

180 100

182 127.6 79.4 119.2#

145 0.0 24.7 37.1#

