

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079333.D
 Acq On : 03 Jul 2024 14:10
 Operator : RP/MD
 Sample : P3149-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 04 06:23:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

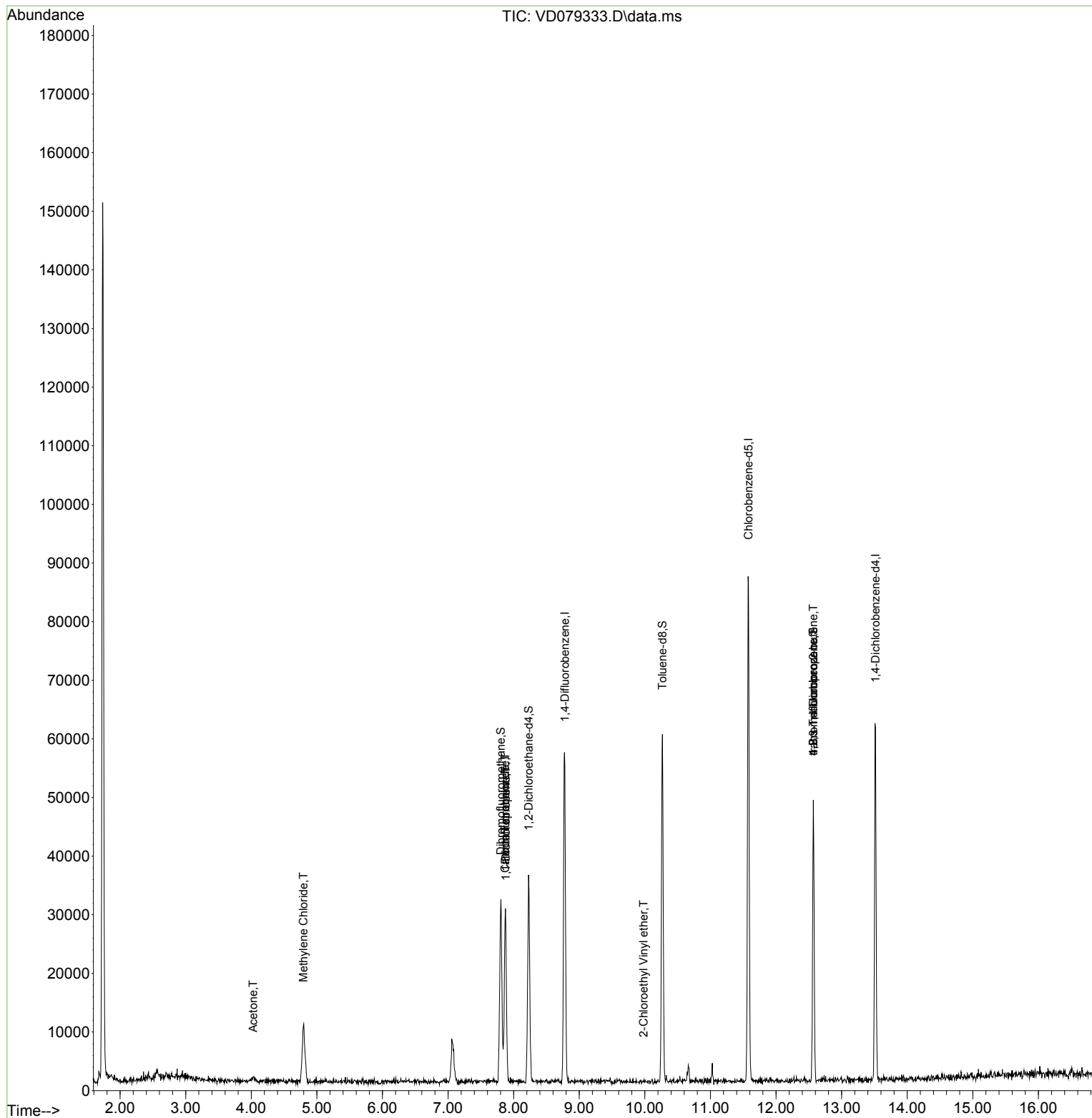
Internal Standards						
1) Pentafluorobenzene	7.875	168	21890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	50036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	51245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25936	127.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 255.000%#	
35) Dibromofluoromethane	7.804	113	23169	70.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.080%	
50) Toluene-d8	10.269	98	43989	37.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.460%	
62) 4-Bromofluorobenzene	12.569	95	16427	43.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	150	Below Cal	#	11
16) Acetone	4.028	43	1384	26.639	ug/l	94
20) Methylene Chloride	4.793	84	8205	19.570	ug/l #	90
36) 1,1-Dichloropropene	7.881	75	2197	4.306	ug/l #	39
38) Carbon Tetrachloride	7.869	117	2115	4.081	ug/l #	13
58) 2-Chloroethyl Vinyl ether	9.981	63	54	19.755	ug/l #	42
76) 1,2,3-Trichloropropane	12.569	75	7810	46.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	7810	85.791	ug/l #	19

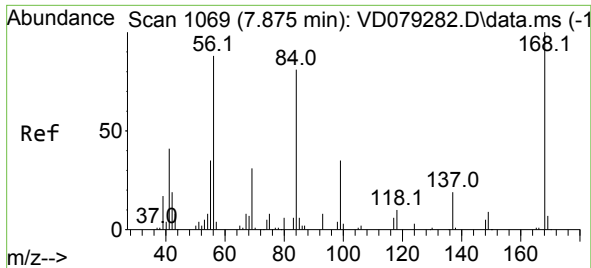
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
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Operator : RP/MD
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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

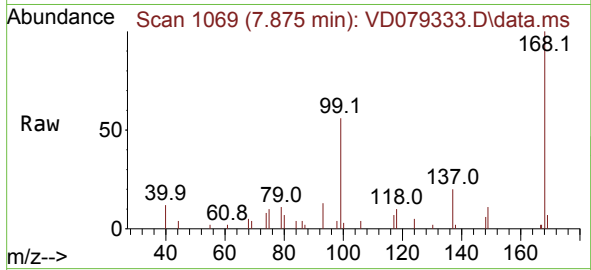
Quant Time: Jul 04 06:23:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
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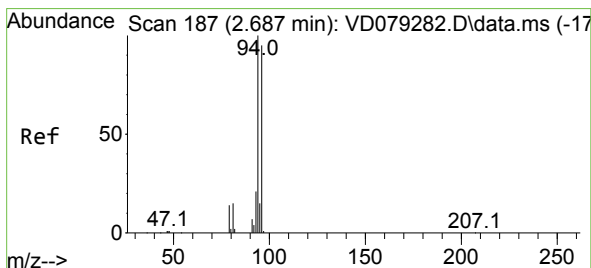
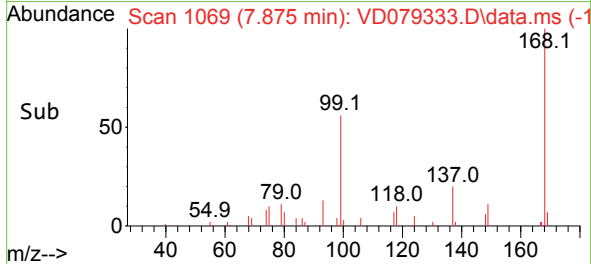
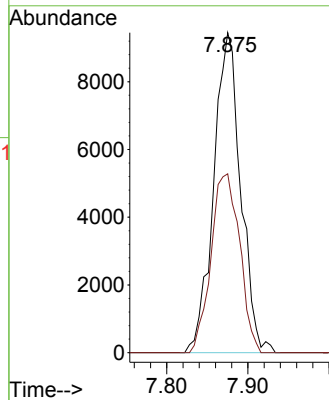


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Instrument :
MSVOA_D
ClientSampleId :

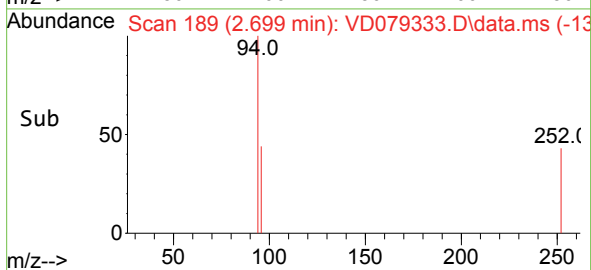
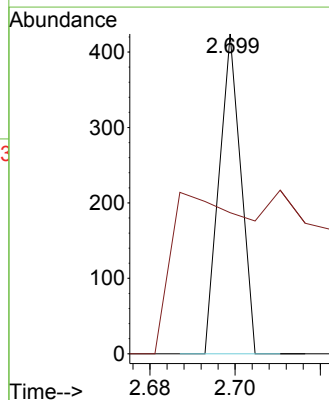
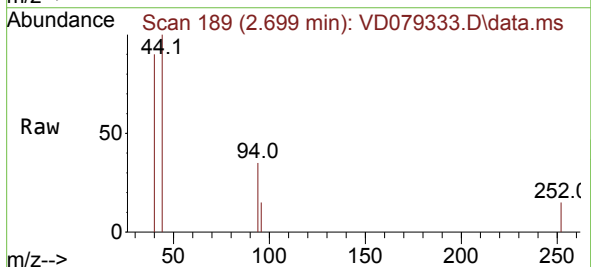


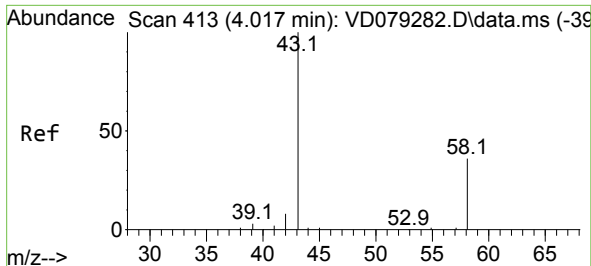
Tgt Ion:168 Resp: 21890
Ion Ratio Lower Upper
168 100
99 55.9 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.041 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 183.3 76.9 115.3#





#16

Acetone

Concen: 26.639 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

Instrument :

MSVOA_D

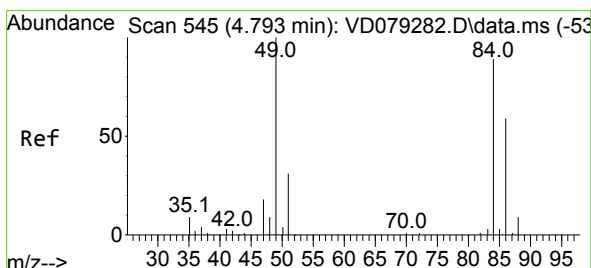
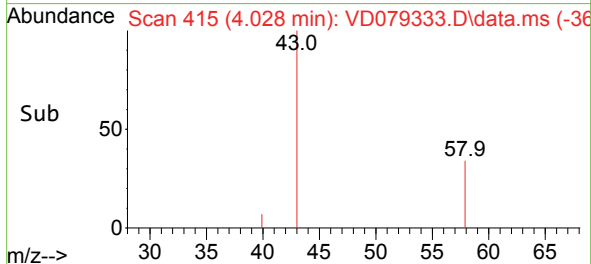
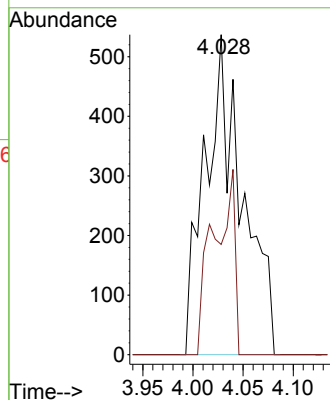
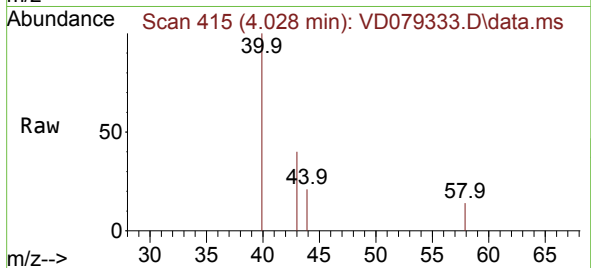
ClientSampleId :

Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 34.5 30.4 45.6



#20

Methylene Chloride

Concen: 19.570 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

Tgt Ion: 84 Resp: 8205

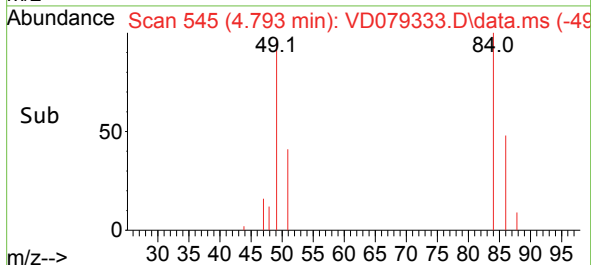
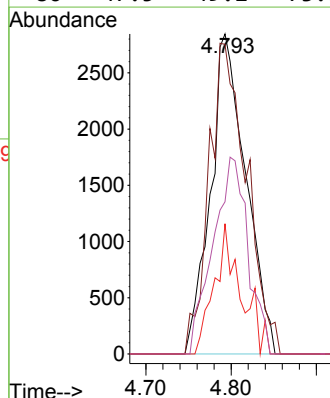
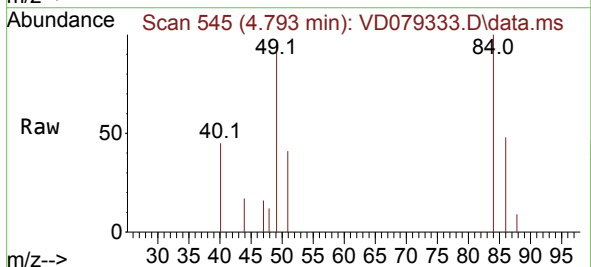
Ion Ratio Lower Upper

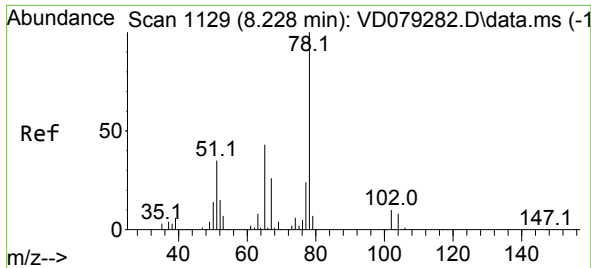
84 100

49 96.7 75.6 113.4

51 40.7 24.2 36.2#

86 47.5 49.2 73.8#

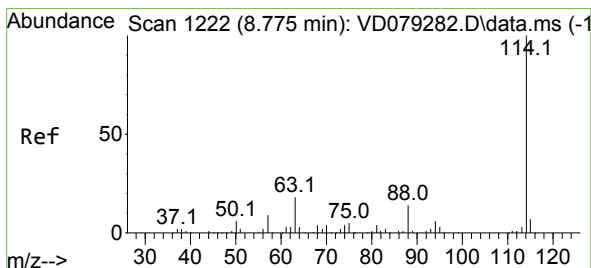
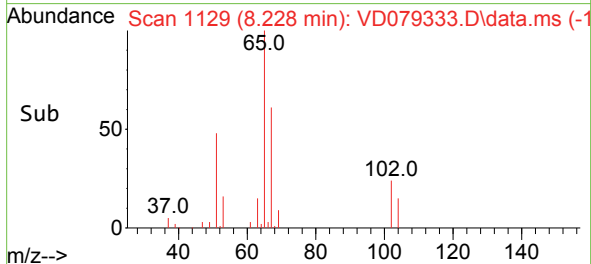
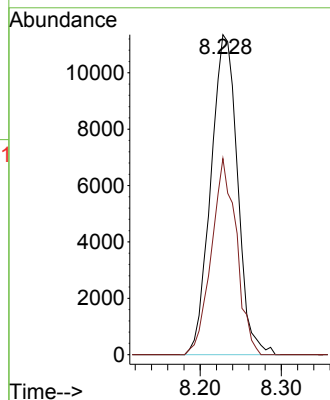
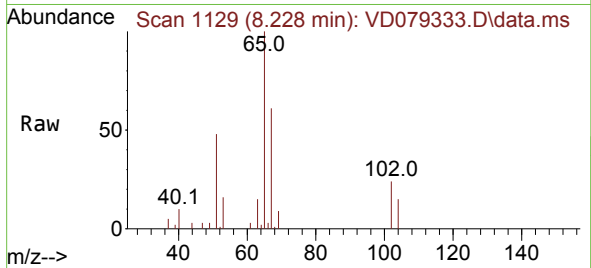




#33
1,2-Dichloroethane-d4
Concen: 127.504 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

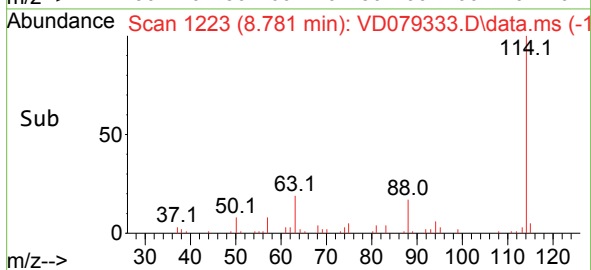
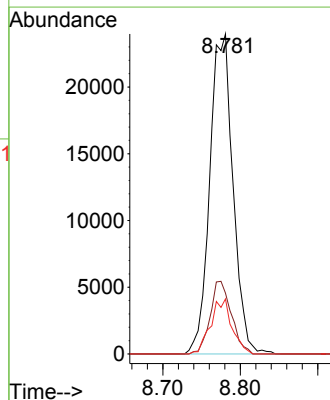
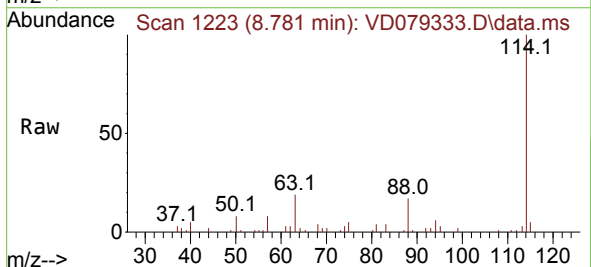
Instrument :
MSVOA_D
ClientSampleId :

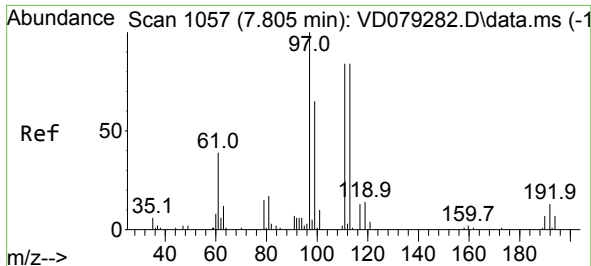
Tgt Ion: 65 Resp: 25936
Ion Ratio Lower Upper
65 100
67 57.3 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Tgt Ion: 114 Resp: 50036
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.0
88 17.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 70.544 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

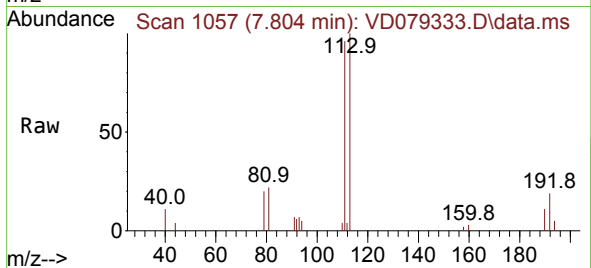
Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :



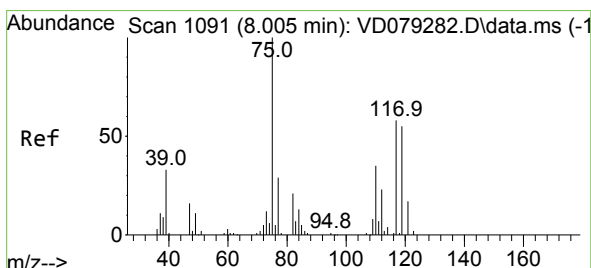
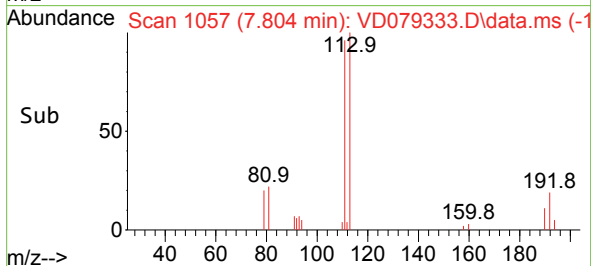
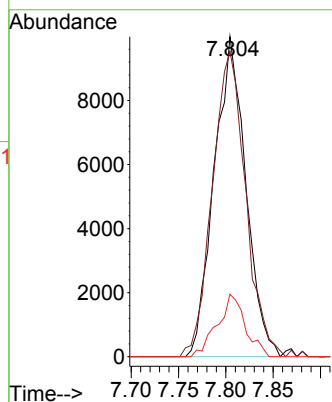
Tgt Ion:113 Resp: 23169

Ion Ratio Lower Upper

113 100

111 100.1 84.0 126.0

192 17.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.306 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

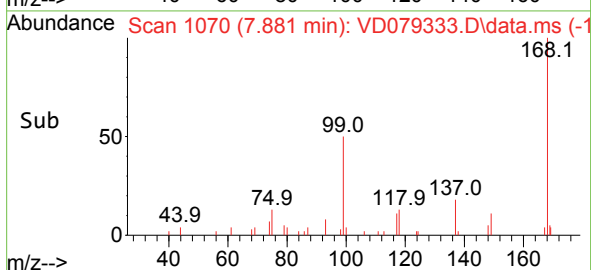
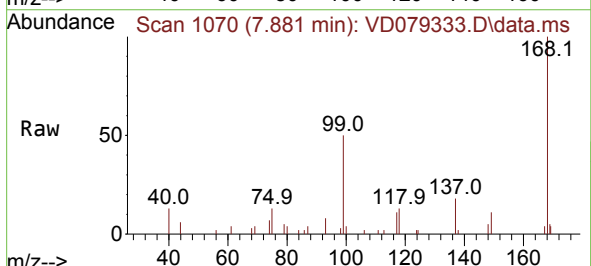
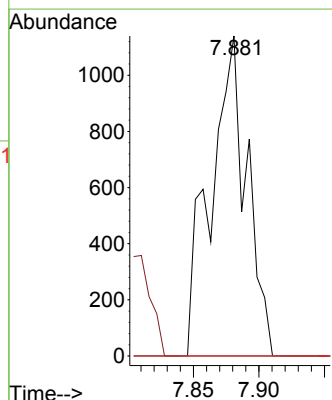
Tgt Ion: 75 Resp: 2197

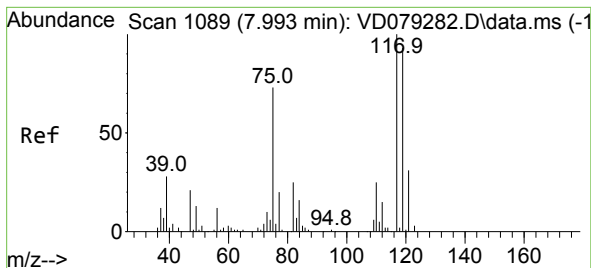
Ion Ratio Lower Upper

75 100

110 0.0 19.6 58.7#

77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 4.081 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

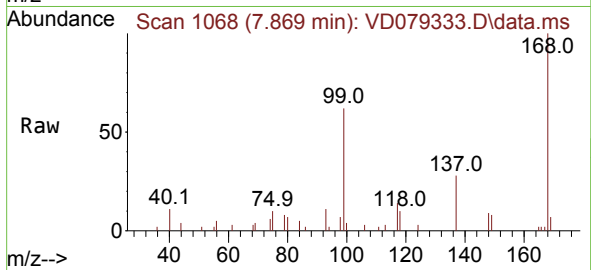
Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :



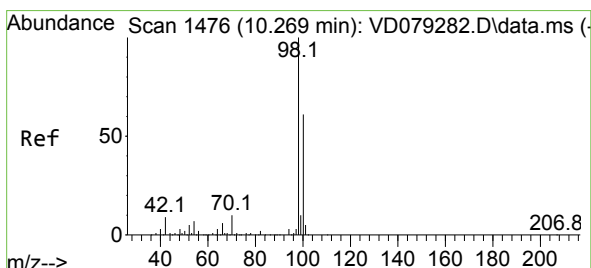
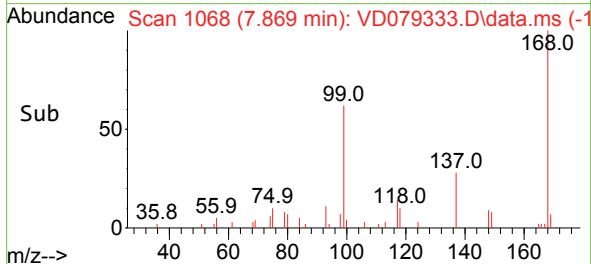
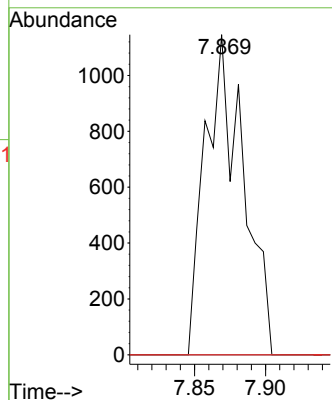
Tgt Ion:117 Resp: 2115

Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 37.230 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079333.D

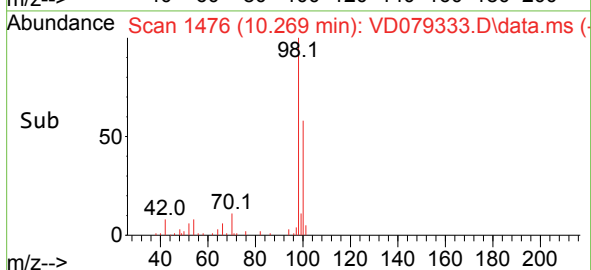
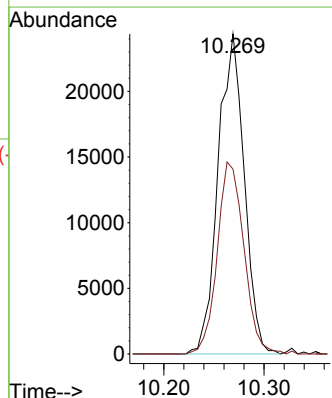
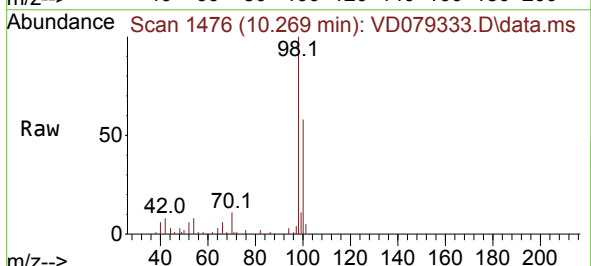
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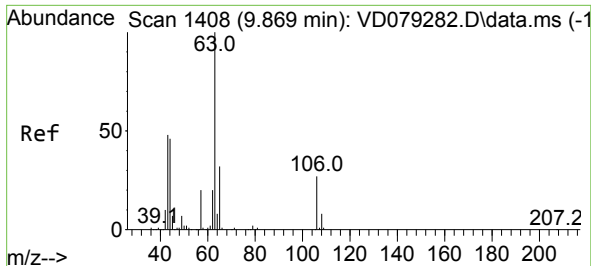
Tgt Ion: 98 Resp: 43989

Ion Ratio Lower Upper

98 100

100 61.5 51.6 77.4

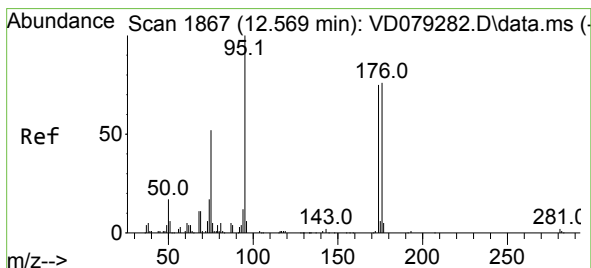
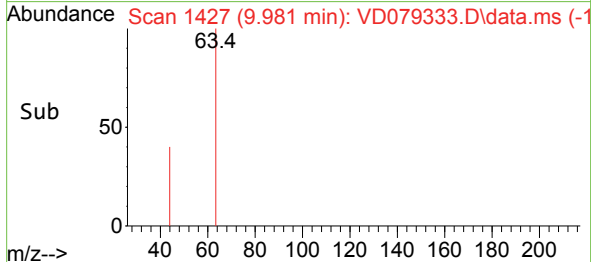
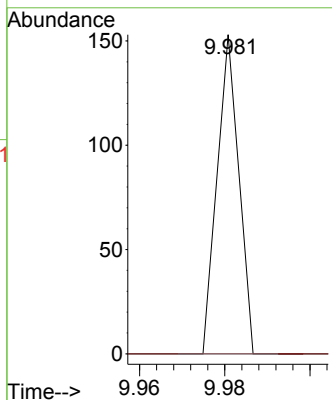
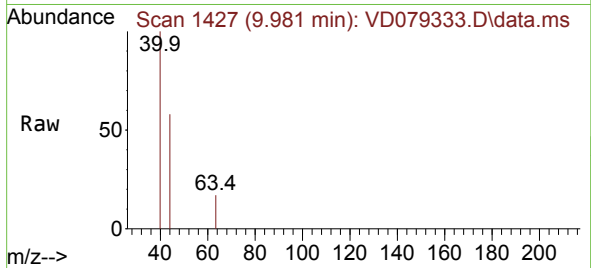




#58
2-Chloroethyl Vinyl ether
Concen: 19.755 ug/l
RT: 9.981 min Scan# 1408
Delta R.T. 0.112 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

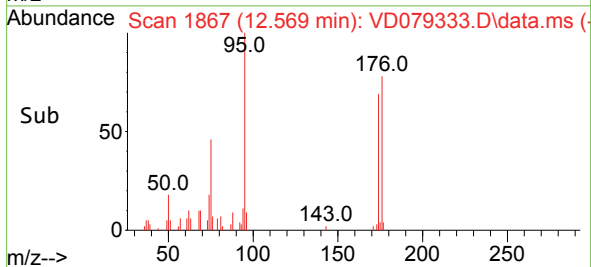
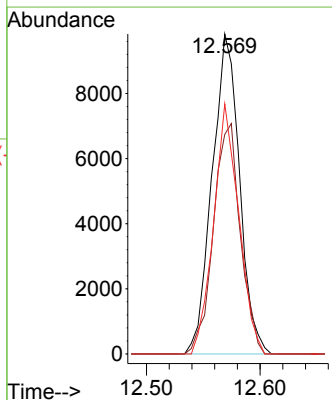
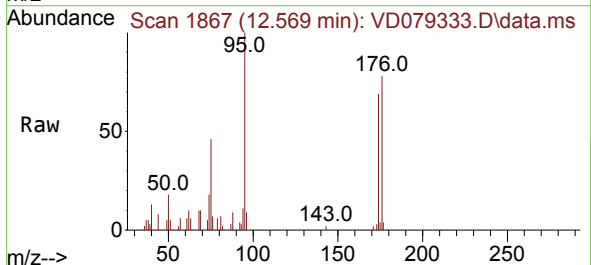
Instrument :
MSVOA_D
ClientSampleId :

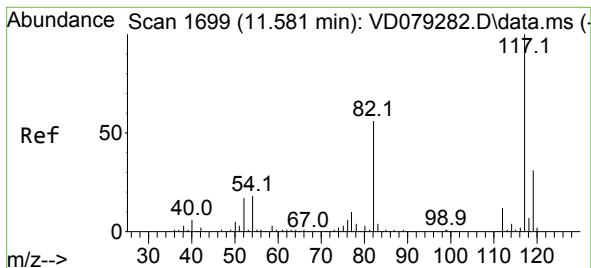
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#62
4-Bromofluorobenzene
Concen: 43.356 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Tgt Ion: 95 Resp: 16427
Ion Ratio Lower Upper
95 100
174 71.1 0.0 195.4
176 72.0 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079333.D

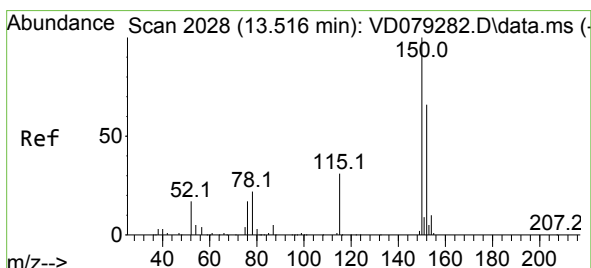
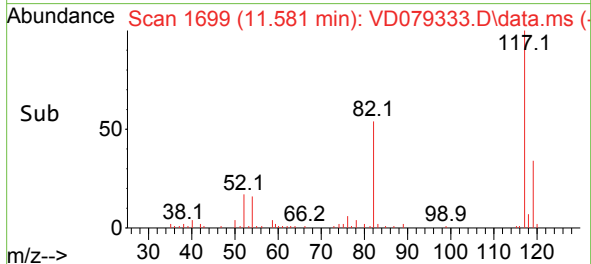
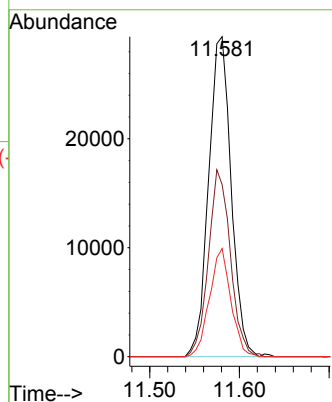
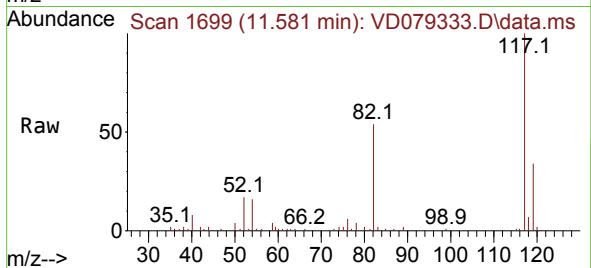
Acq: 03 Jul 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:117	Resp:	51245
Ion	Ratio	Lower Upper
117	100	
82	53.8	39.8 59.6
119	33.8	25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

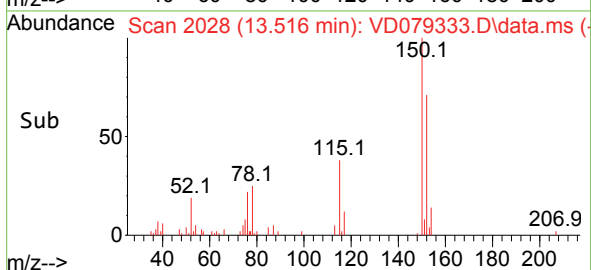
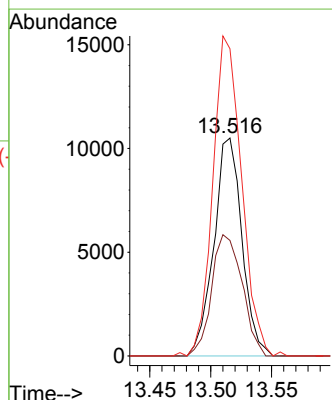
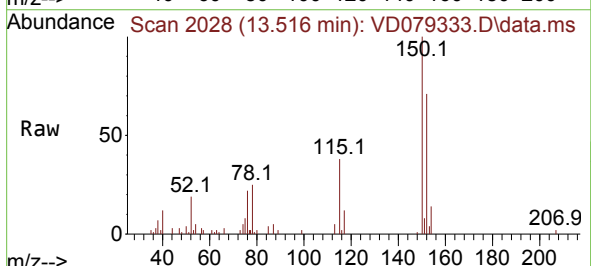
RT: 13.516 min Scan# 2028

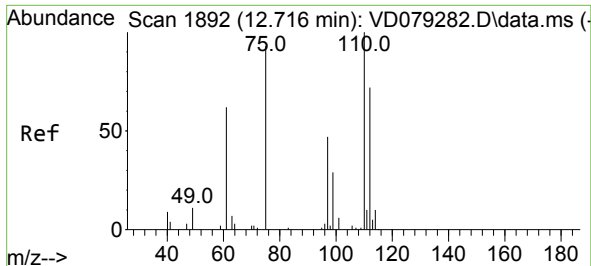
Delta R.T. -0.000 min

Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

Tgt Ion:152	Resp:	16880
Ion	Ratio	Lower Upper
152	100	
115	60.3	26.5 79.5
150	150.3	0.0 341.6

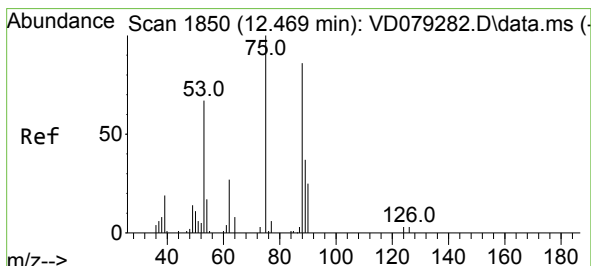
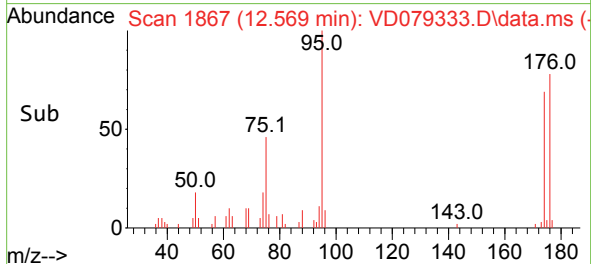
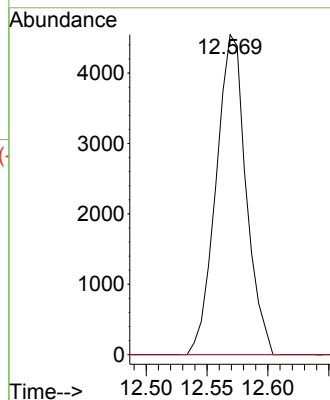
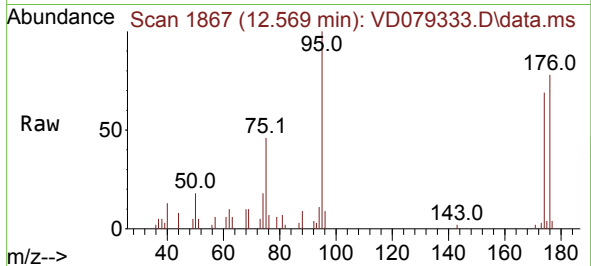




#76
1,2,3-Trichloropropane
Concen: 46.233 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 7810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 85.791 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Tgt Ion: 75 Resp: 7810
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

