

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079329.D
 Acq On : 03 Jul 2024 11:30
 Operator : RP/MD
 Sample : VD0703SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 04 06:32:13 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)

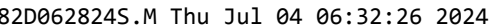
Internal Standards						
1) Pentafluorobenzene	7.875	168	139942	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	280672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	257014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103074	50.000	ug/l	0.00

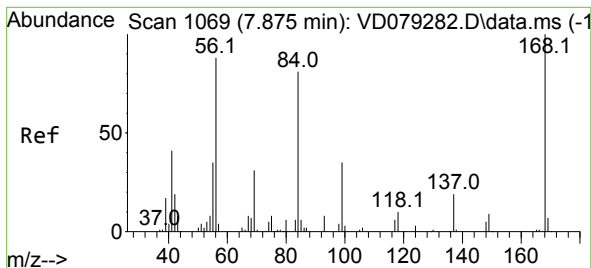
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84930	63.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.260%
35) Dibromofluoromethane	7.805	113	98468	53.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.900%
50) Toluene-d8	10.269	98	292481	44.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.569	95	97349	45.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.600%

Target Compounds					Qvalue
5) Bromomethane	2.675	94	89	Below Cal	# 1
10) Methyl Iodide	4.158	142	204	6.234	ug/l # 71
11) Tert butyl alcohol	5.063	59	126	1.346	ug/l # 1
20) Methylene Chloride	4.799	84	16235	1.753	ug/l 89
31) Cyclohexane	7.869	56	3629	1.220	ug/l # 44
36) 1,1-Dichloropropene	7.875	75	13394	4.679	ug/l # 47
38) Carbon Tetrachloride	7.875	117	15760	5.422	ug/l # 19
58) 2-Chloroethyl Vinyl ether	9.863	63	162	19.622	ug/l # 42
76) 1,2,3-Trichloropropane	12.569	75	51848	50.264	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.569	75	51848	93.270	ug/l # 19

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

Quant Time: Jul 04 06:32:13 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

Instrument :

MSVOA_D

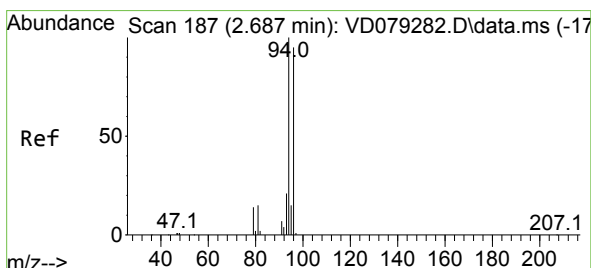
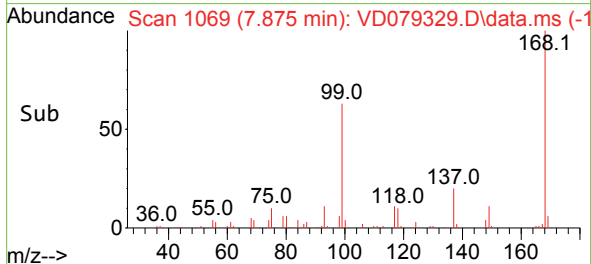
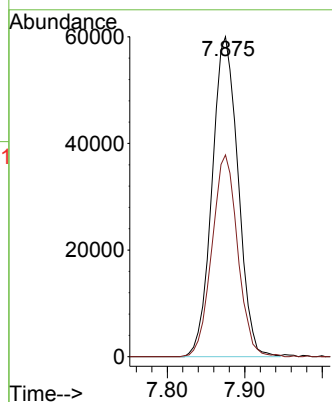
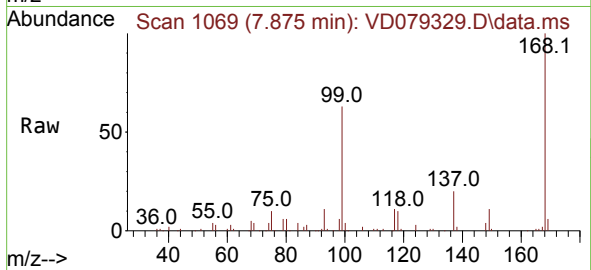
ClientSampleId :

Tgt Ion:168 Resp: 139942

Ion Ratio Lower Upper

168 100

99 63.1 41.1 61.7#



#5

Bromomethane

Concen: Below Cal

RT: 2.675 min Scan# 185

Delta R.T. 0.017 min

Lab File: VD079329.D

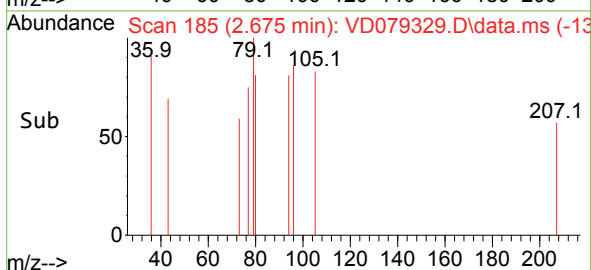
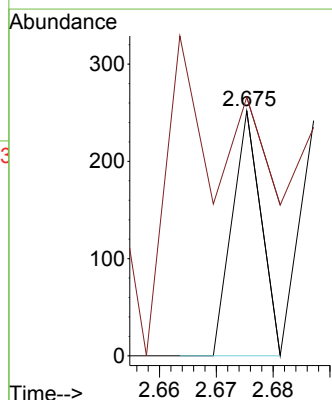
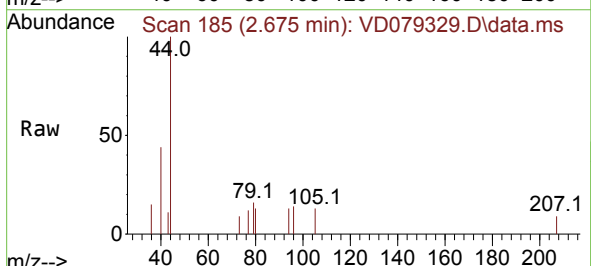
Acq: 03 Jul 2024 11:30

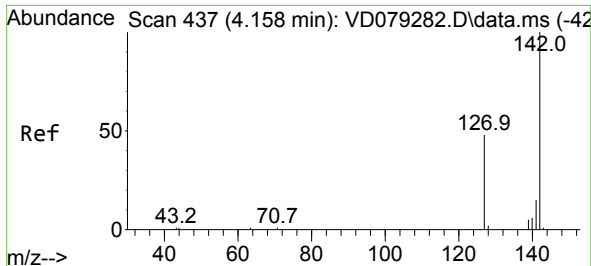
Tgt Ion: 94 Resp: 89

Ion Ratio Lower Upper

94 100

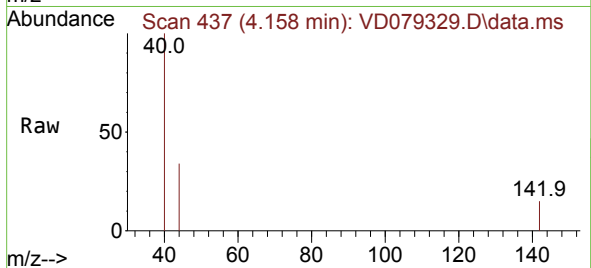
96 359.6 76.9 115.3#



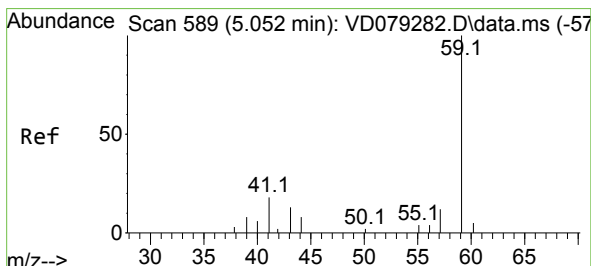
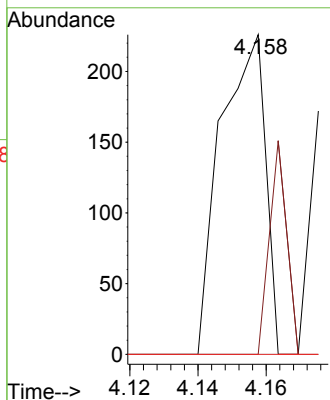
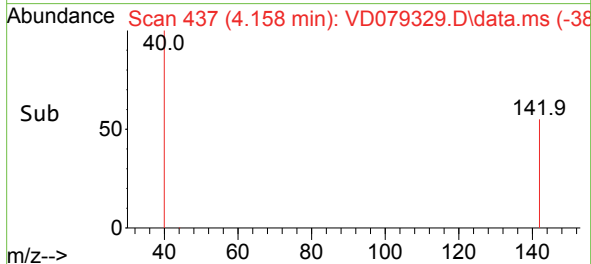


#10
Methyl Iodide
Concen: 6.234 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :

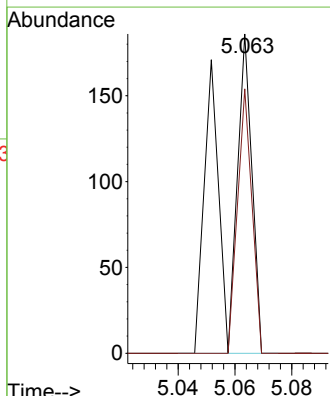
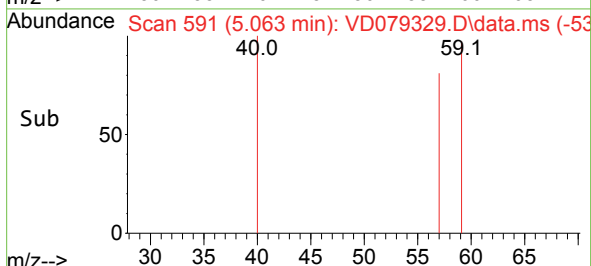
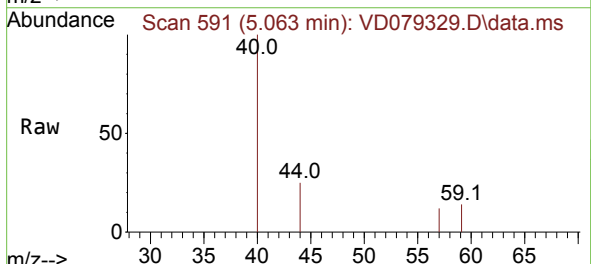


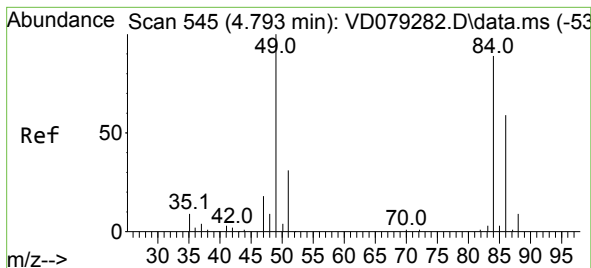
Tgt Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 26.0 34.2 51.4#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.346 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 42.9 3.6 5.4#





#20

Methylene Chloride

Concen: 1.753 ug/l

RT: 4.799 min Scan# 545

Delta R.T. 0.006 min

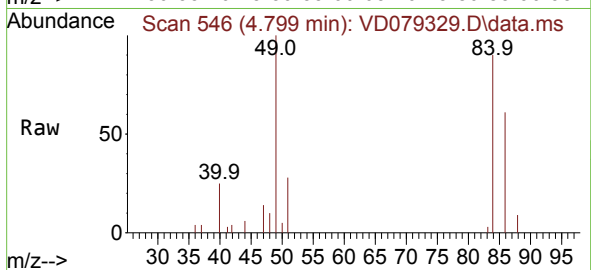
Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 16235

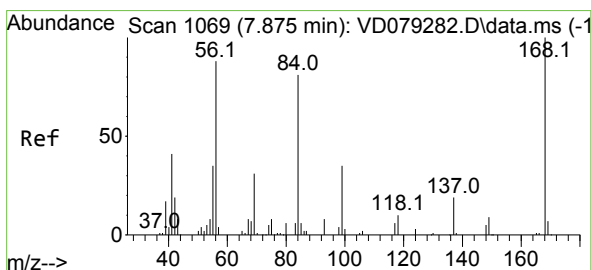
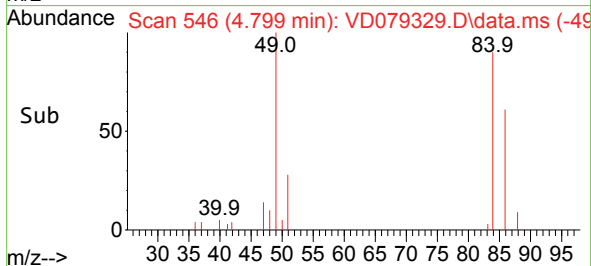
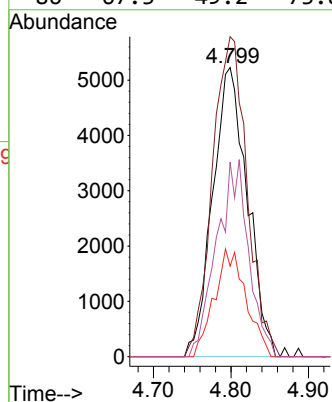
Ion Ratio Lower Upper

84 100

49 110.7 75.6 113.4

51 31.3 24.2 36.2

86 67.3 49.2 73.8



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

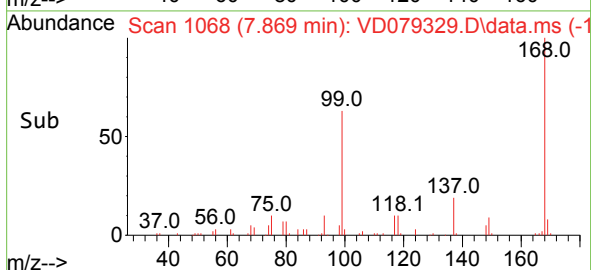
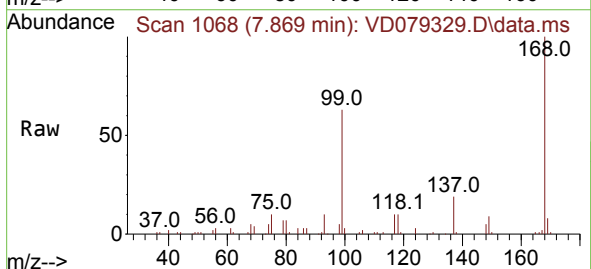
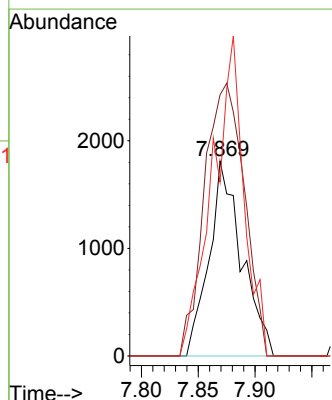
Tgt Ion: 56 Resp: 3629

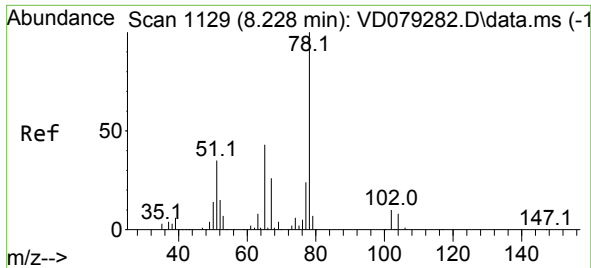
Ion Ratio Lower Upper

56 100

69 134.1 28.0 42.0#

84 89.3 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 63.135 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

Instrument :

MSVOA_D

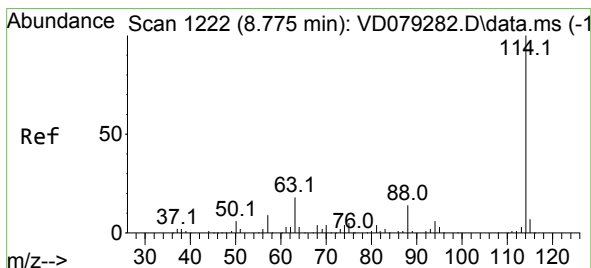
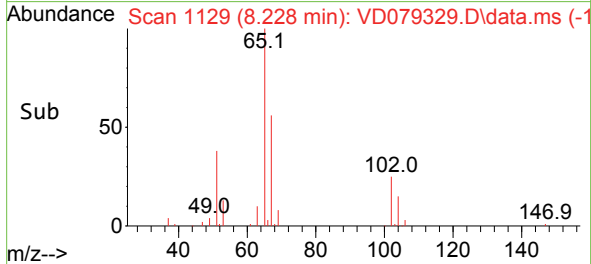
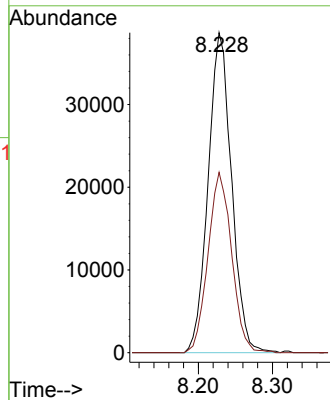
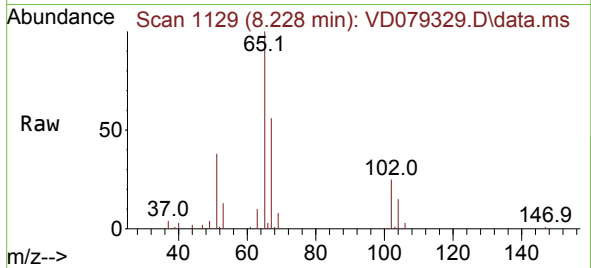
ClientSampleId :

Tgt Ion: 65 Resp: 84930

Ion Ratio Lower Upper

65 100

67 57.0 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

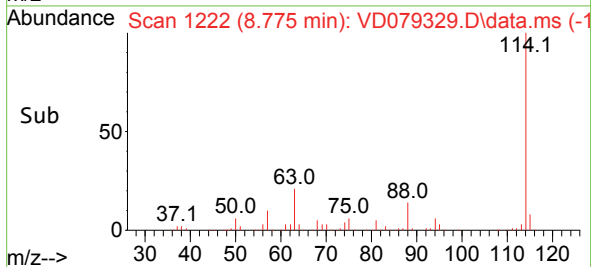
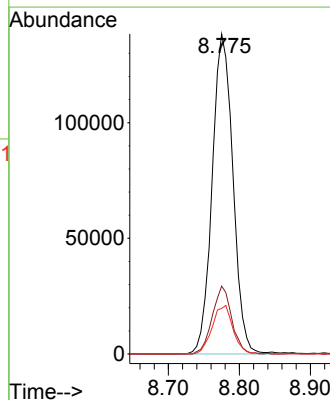
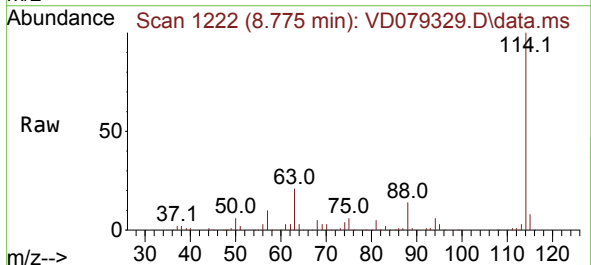
Tgt Ion: 114 Resp: 280672

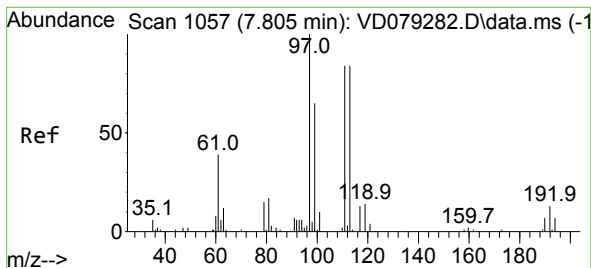
Ion Ratio Lower Upper

114 100

63 21.2 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.448 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :

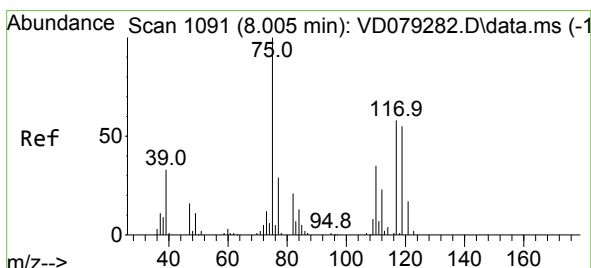
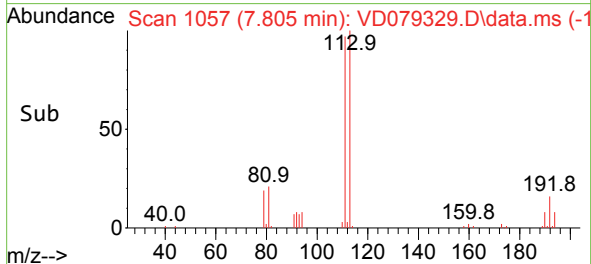
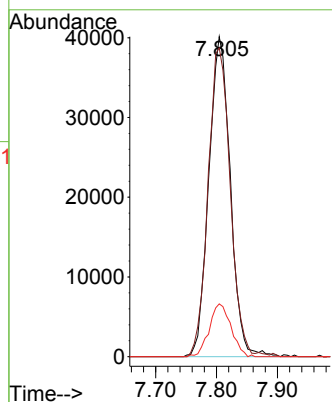
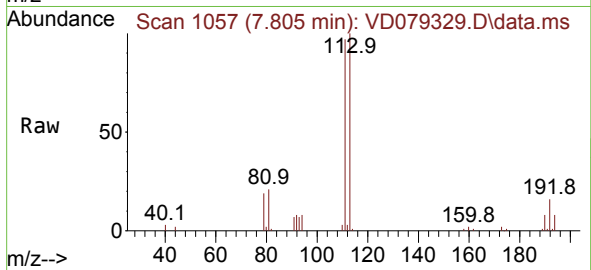
Tgt Ion:113 Resp: 98468

Ion Ratio Lower Upper

113 100

111 99.9 84.0 126.0

192 16.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

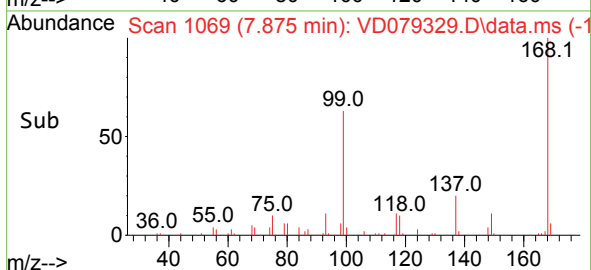
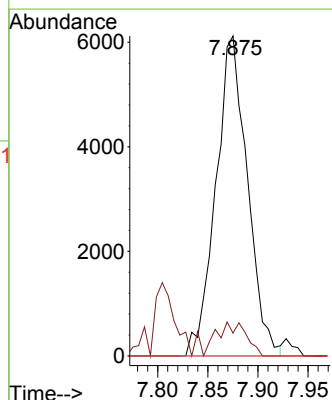
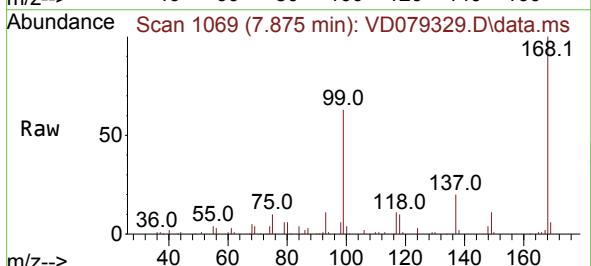
Tgt Ion: 75 Resp: 13394

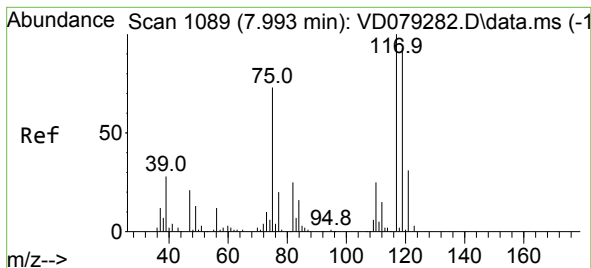
Ion Ratio Lower Upper

75 100

110 9.8 19.6 58.7#

77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.422 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

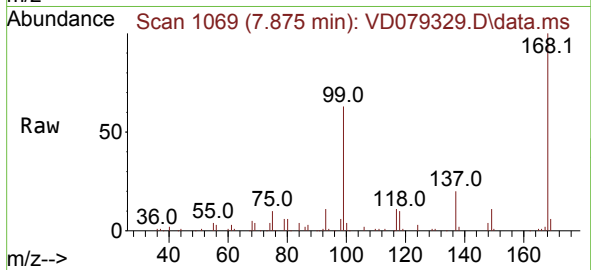
Lab File: VD079329.D

Acq: 03 Jul 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :



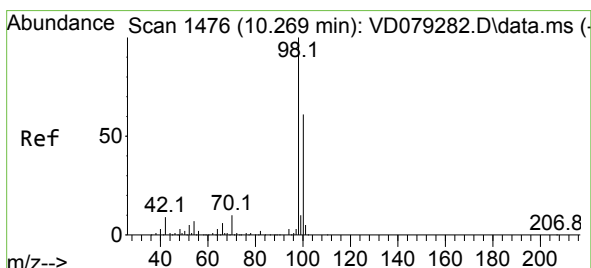
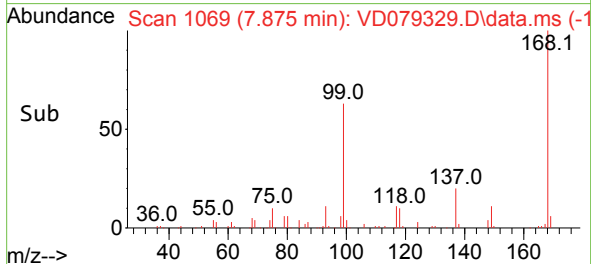
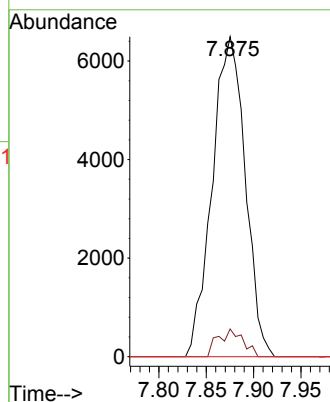
Tgt Ion:117 Resp: 15760

Ion Ratio Lower Upper

117 100

119 8.7 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 44.130 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079329.D

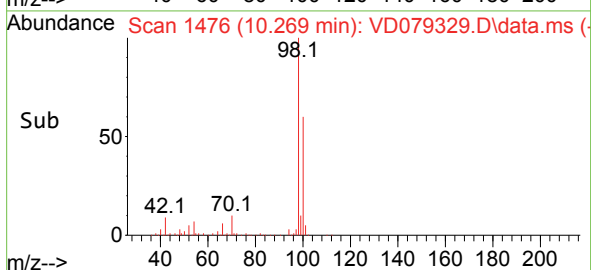
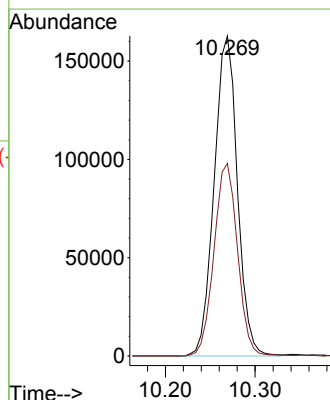
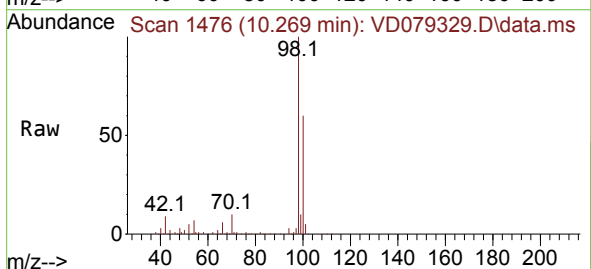
Acq: 03 Jul 2024 11:30

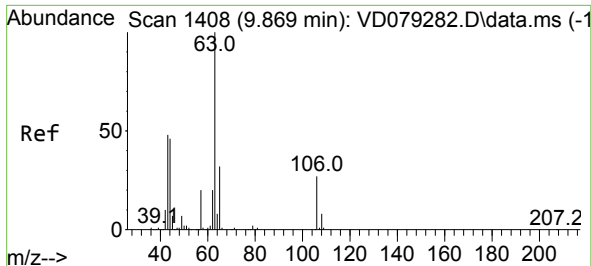
Tgt Ion: 98 Resp: 292481

Ion Ratio Lower Upper

98 100

100 60.9 51.6 77.4

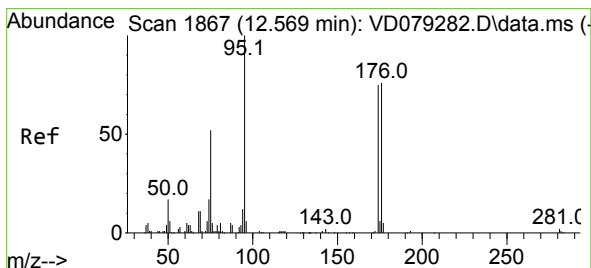
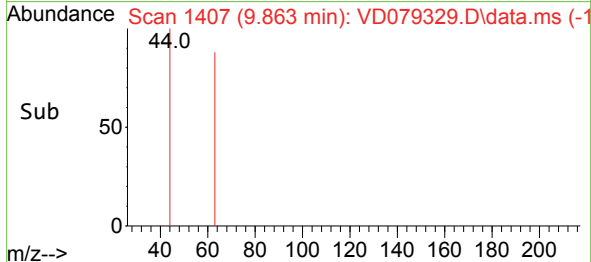
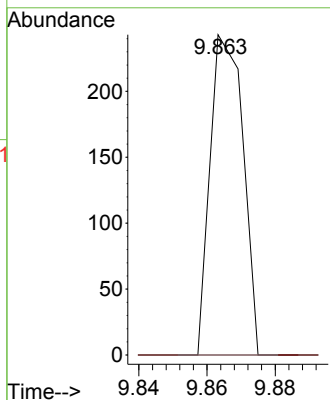
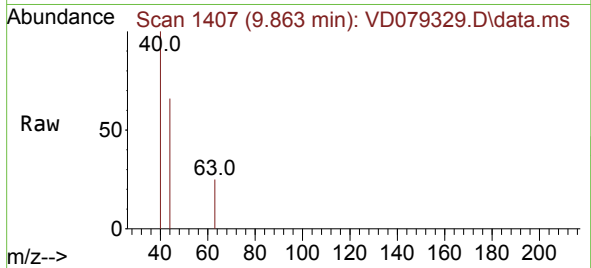




#58
2-Chloroethyl Vinyl ether
Concen: 19.622 ug/l
RT: 9.863 min Scan# 1408
Delta R.T. -0.006 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

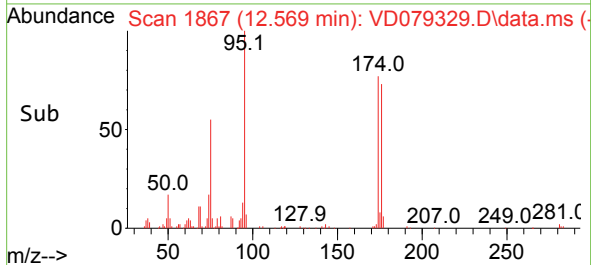
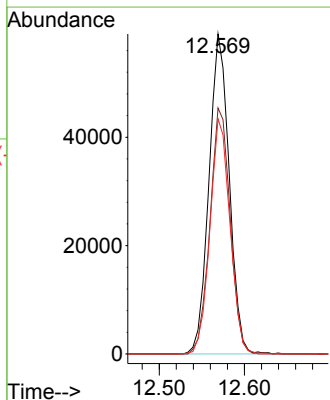
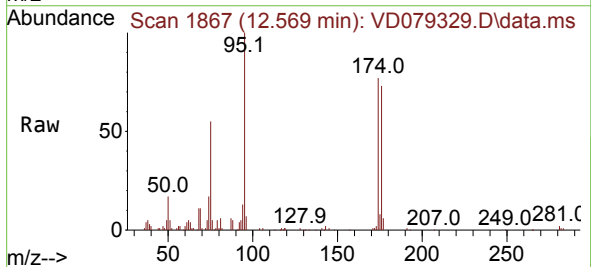
Instrument :
MSVOA_D
ClientSampleId :

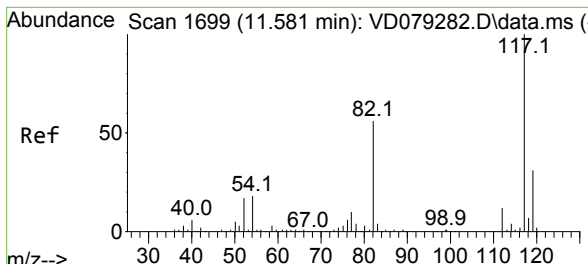
Tgt Ion: 63 Resp: 162
Ion Ratio Lower Upper
63 100
106 0.0 26.4 39.6#



#62
4-Bromofluorobenzene
Concen: 45.805 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

Tgt Ion: 95 Resp: 97349
Ion Ratio Lower Upper
95 100
174 77.0 0.0 195.4
176 72.7 0.0 192.6

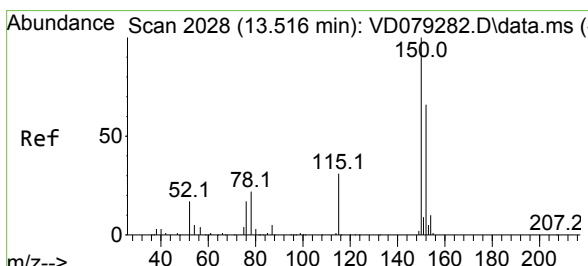
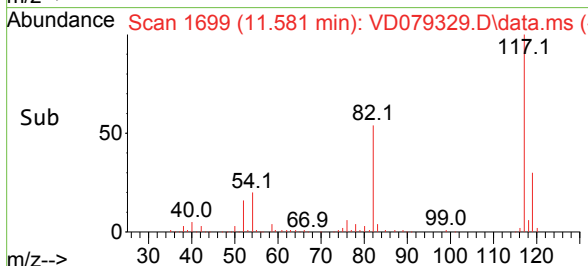
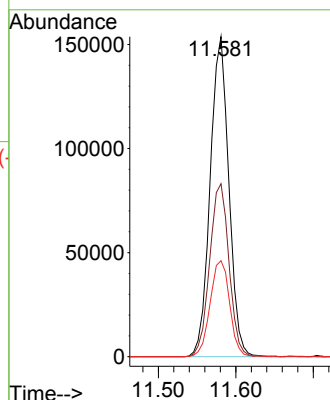
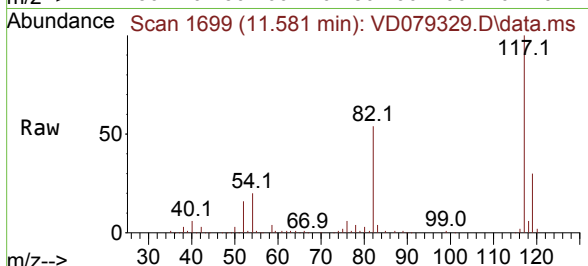




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

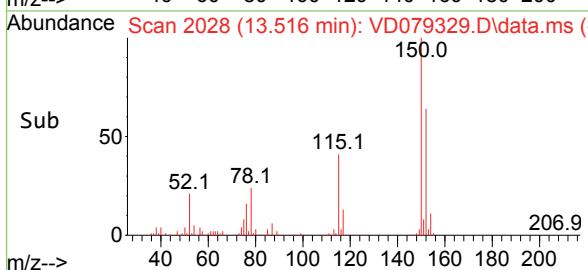
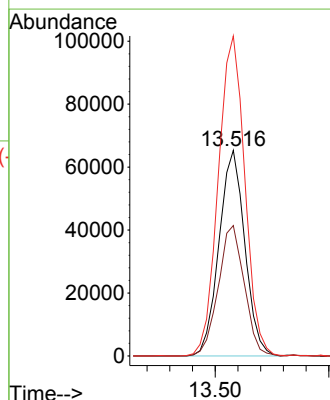
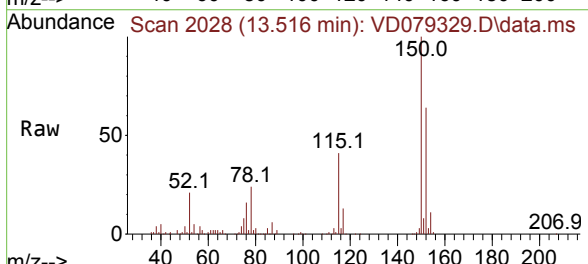
Instrument :
MSVOA_D
ClientSampleId :

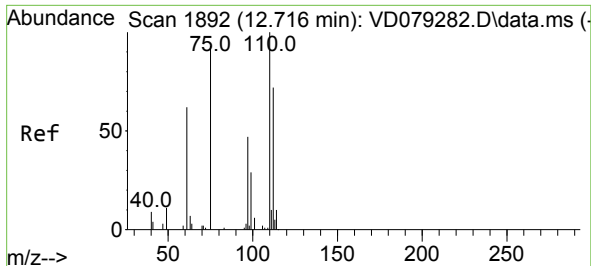
Tgt Ion:117 Resp: 257014
Ion Ratio Lower Upper
117 100
82 54.0 39.8 59.6
119 30.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

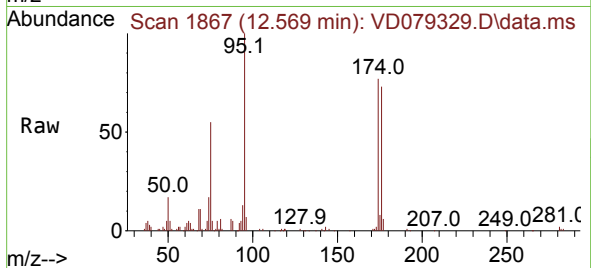
Tgt Ion:152 Resp: 103074
Ion Ratio Lower Upper
152 100
115 63.8 26.5 79.5
150 160.0 0.0 341.6



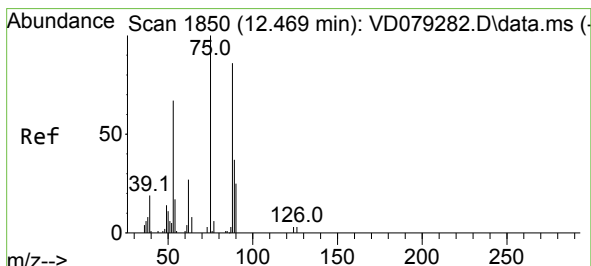
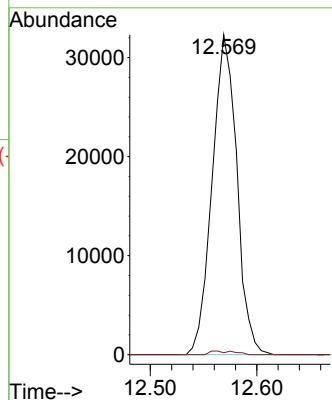
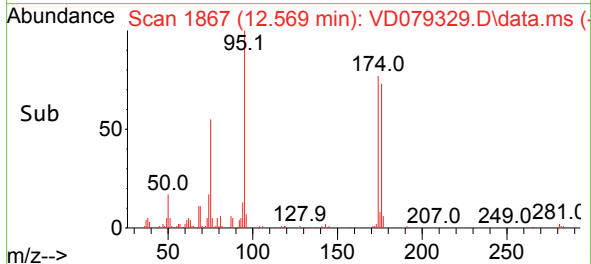


#76
1,2,3-Trichloropropane
Concen: 50.264 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 51848
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.270 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079329.D
Acq: 03 Jul 2024 11:30

Tgt Ion: 75 Resp: 51848
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.1 35.4 53.0#

