

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076521.D
 Acq On : 21 Jun 2023 19:22
 Operator : KP/SY
 Sample : 03355-05
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

Quant Time: Jun 22 02:02:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

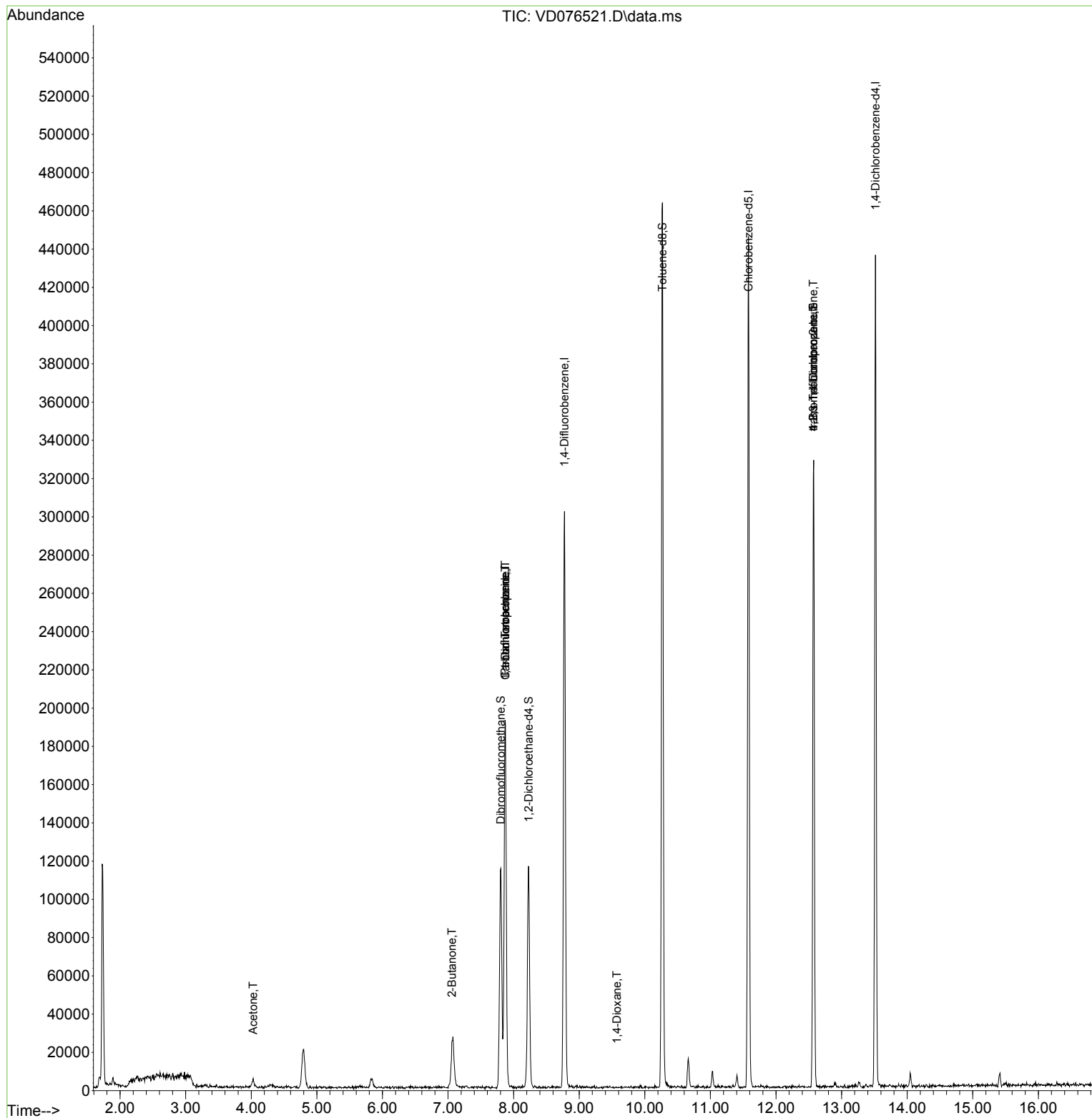
Internal Standards						
1) Pentafluorobenzene	7.869	168	151416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	266088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86134	56.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.805	113	82433	52.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.269	98	319286	53.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.569	95	95568	49.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.240%
Target Compounds						
						Qvalue
16) Acetone	4.028	43	6497	17.997	ug/l #	81
20) Methylene Chloride	4.793	84	15217	Below Cal	#	87
25) 2-Butanone	7.058	43	1482	2.654	ug/l #	37
36) 1,1-Dichloropropene	7.875	75	12118	5.474	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14438	7.297	ug/l #	14
49) 1,4-Dioxane	9.575	88	55	4.682	ug/l #	33
76) 1,2,3-Trichloropropane	12.569	75	50939	47.321	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50939	103.691	ug/l #	17

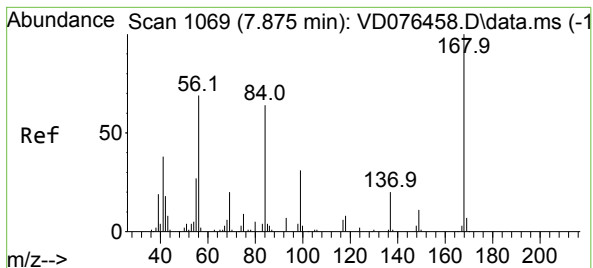
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

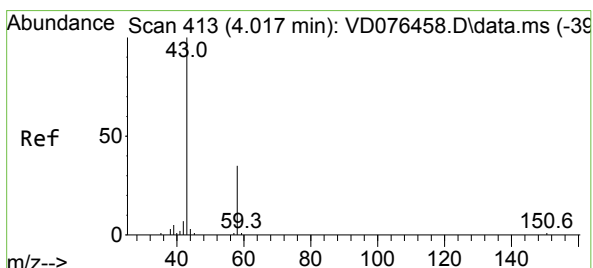
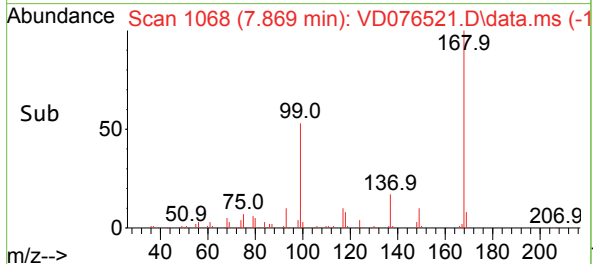
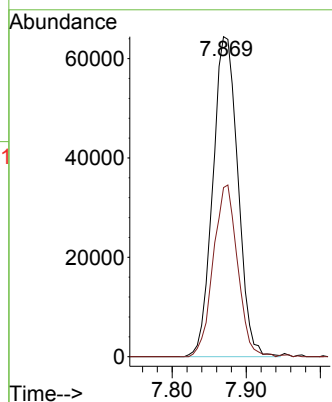
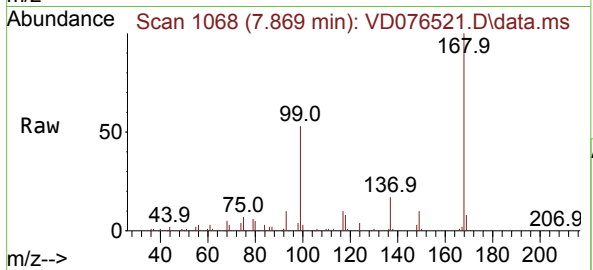
SB-03-6.5-7.0

Tgt Ion:168 Resp: 151416

Ion Ratio Lower Upper

168 100

99 52.9 36.7 55.1



#16

Acetone

Concen: 17.997 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.012 min

Lab File: VD076521.D

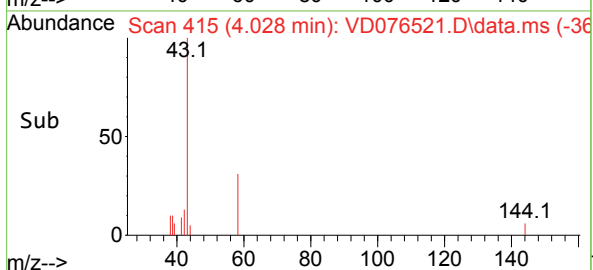
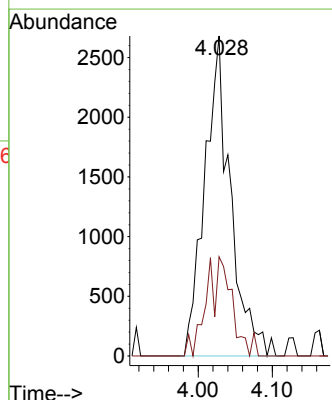
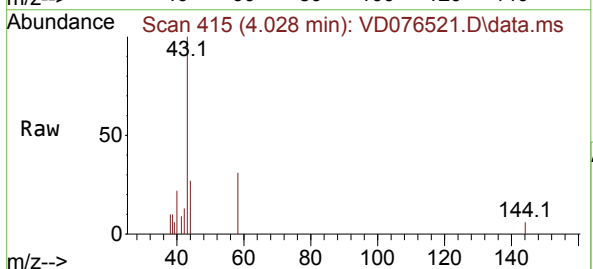
Acq: 21 Jun 2023 19:22

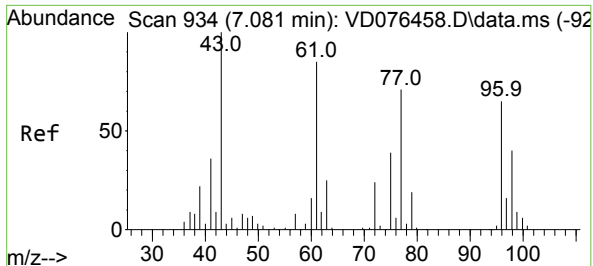
Tgt Ion: 43 Resp: 6497

Ion Ratio Lower Upper

43 100

58 31.0 34.7 52.1#

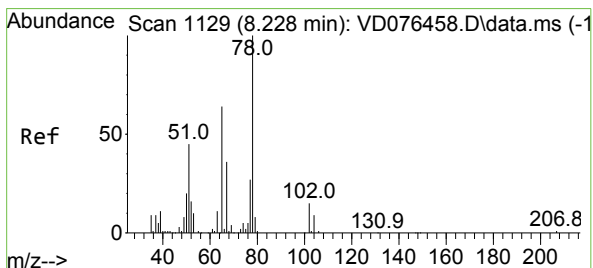
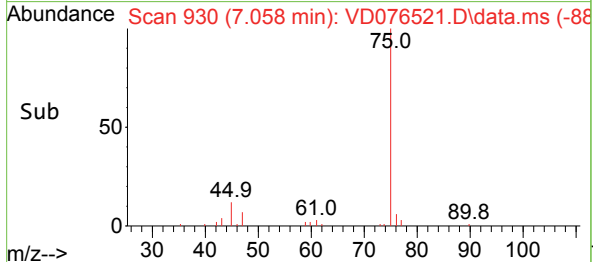
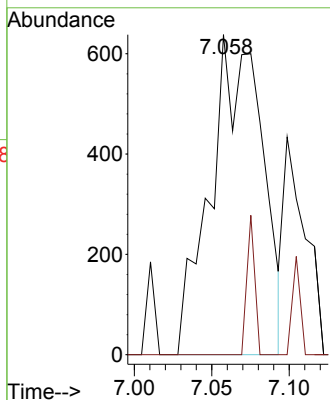
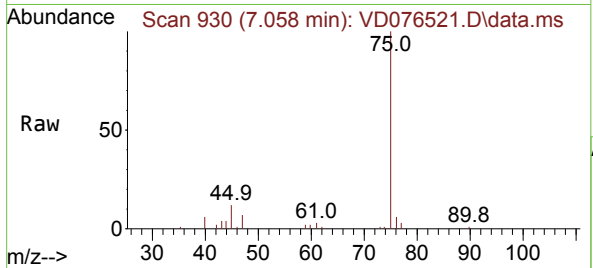




#25
2-Butanone
Concen: 2.654 ug/l
RT: 7.058 min Scan# 91
Delta R.T. -0.024 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

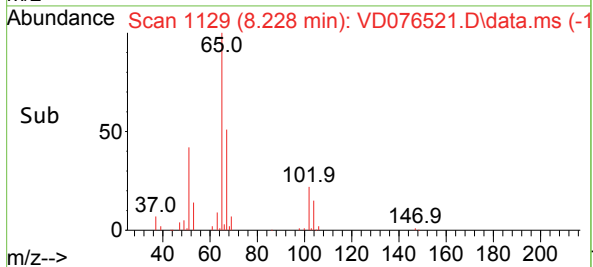
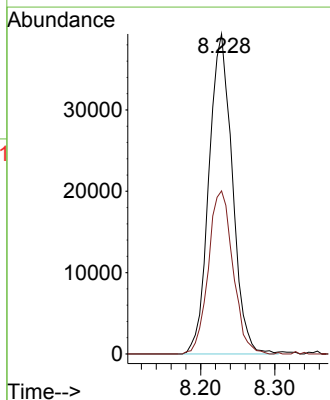
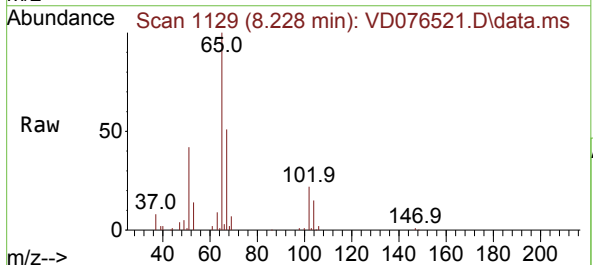
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

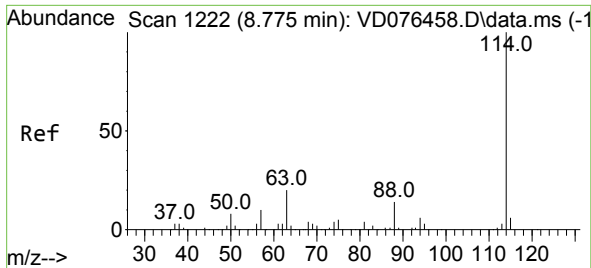
Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 56.777 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

Tgt Ion: 65 Resp: 86134
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

SB-03-6.5-7.0

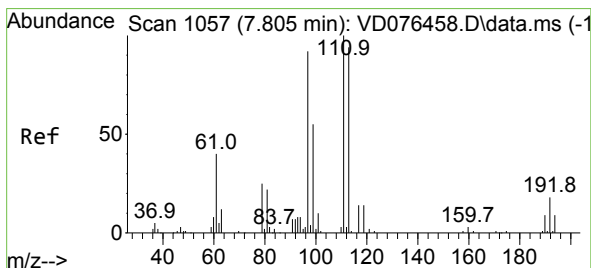
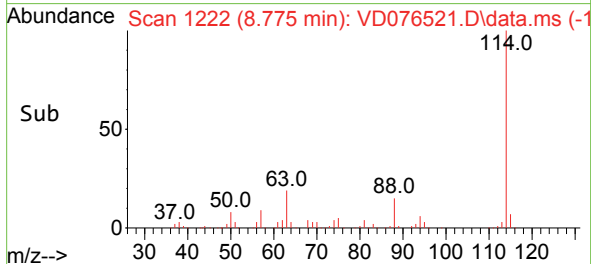
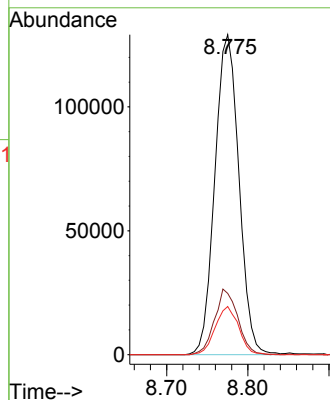
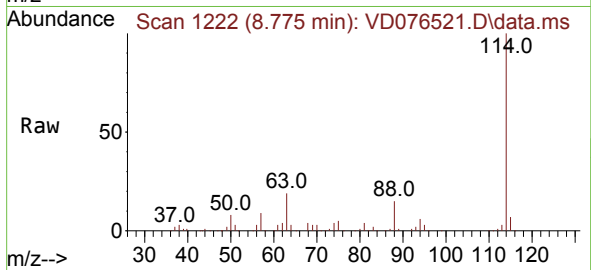
Tgt Ion:114 Resp: 266088

Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 15.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.148 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

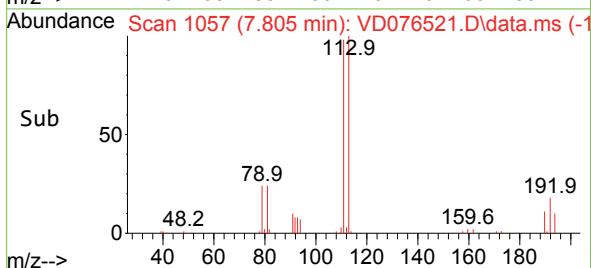
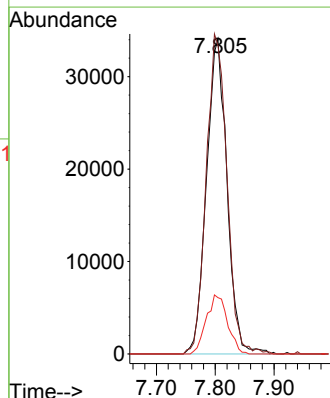
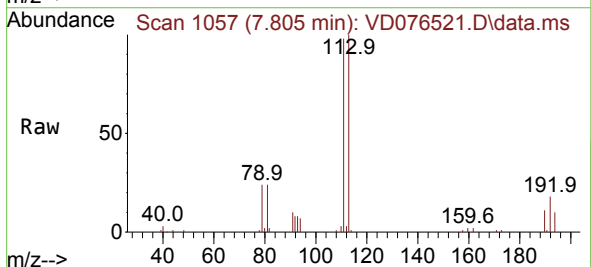
Tgt Ion:113 Resp: 82433

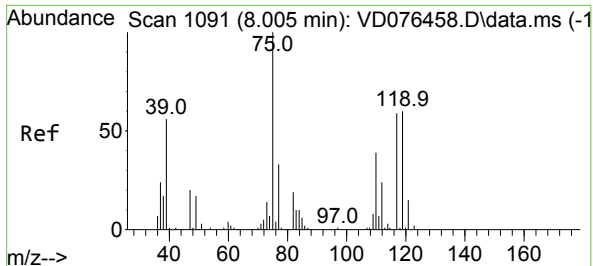
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 19.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.474 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

SB-03-6.5-7.0

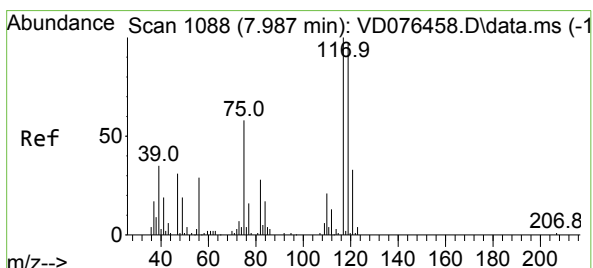
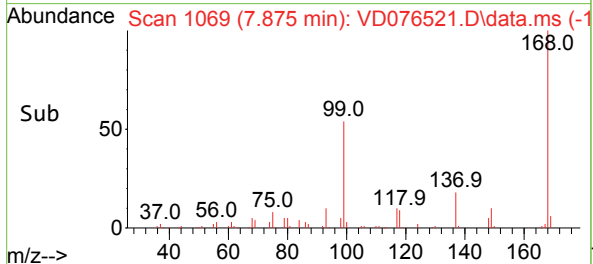
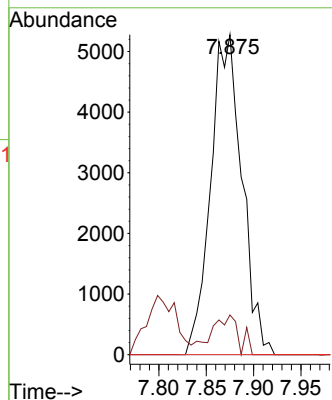
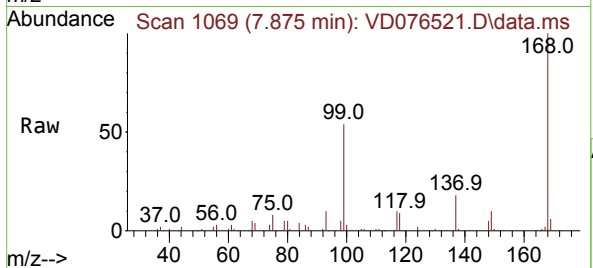
Tgt Ion: 75 Resp: 12118

Ion Ratio Lower Upper

75 100

110 9.9 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.297 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

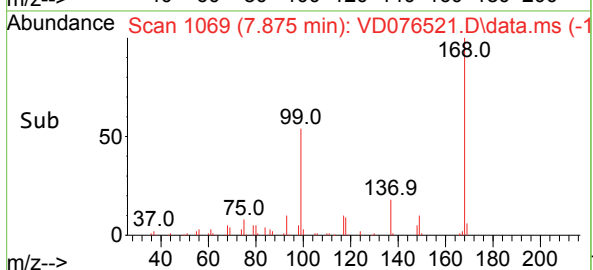
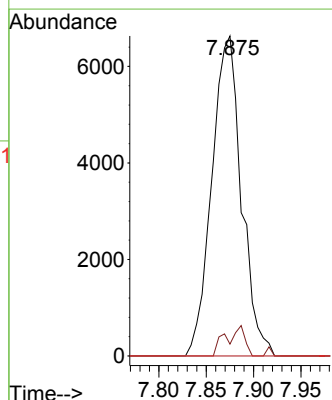
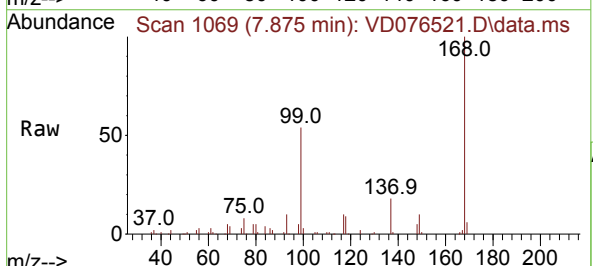
Tgt Ion: 117 Resp: 14438

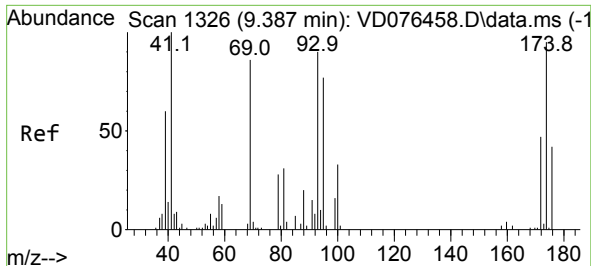
Ion Ratio Lower Upper

117 100

119 3.7 78.0 117.0#

121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 4.682 ug/l

RT: 9.575 min Scan# 11

Delta R.T. 0.188 min

Lab File: VD076521.D

Acq: 21 Jun 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

SB-03-6.5-7.0

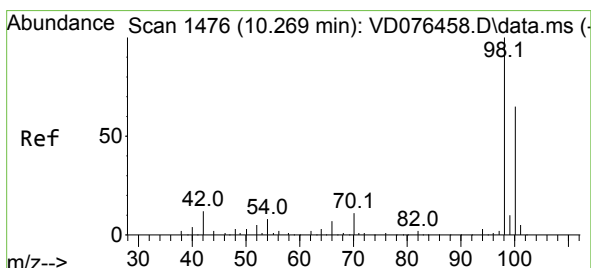
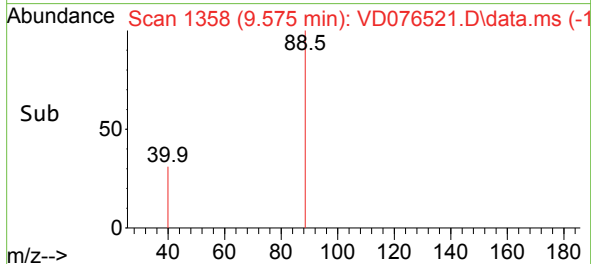
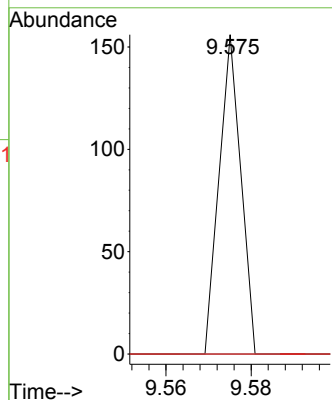
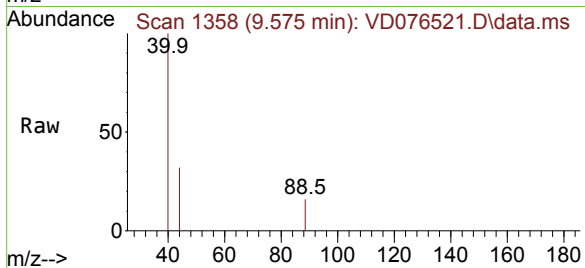
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 0.0 43.5 65.3#



#50

Toluene-d8

Concen: 53.260 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076521.D

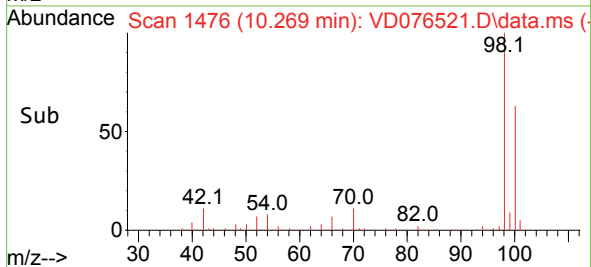
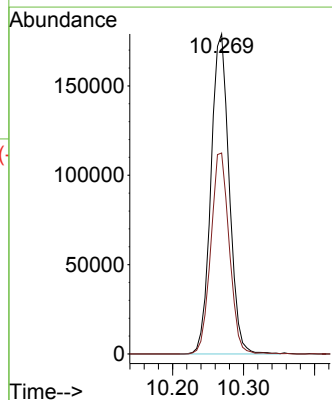
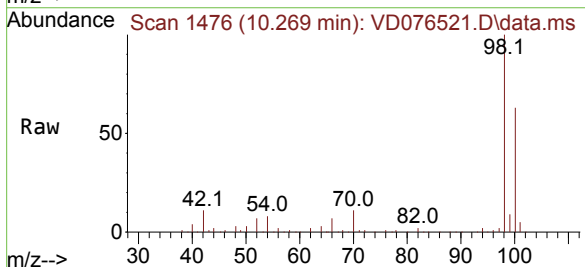
Acq: 21 Jun 2023 19:22

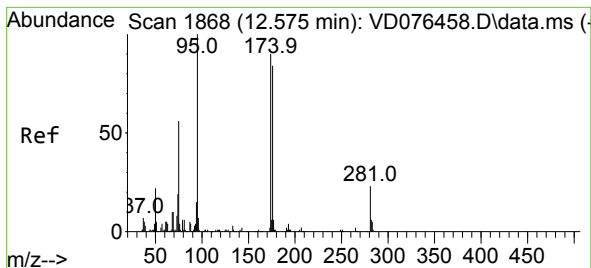
Tgt Ion: 98 Resp: 319286

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

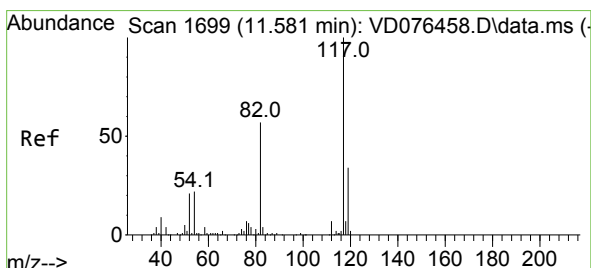
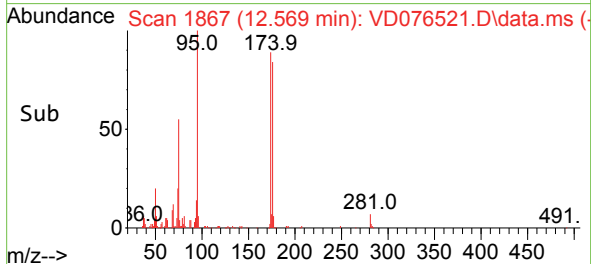
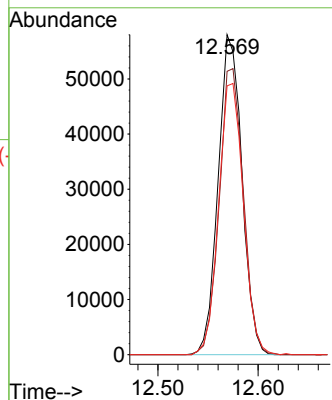
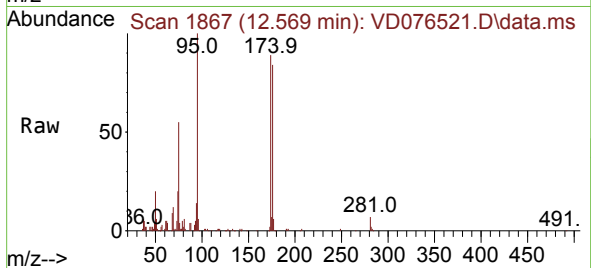




#62
4-Bromofluorobenzene
Concen: 49.120 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

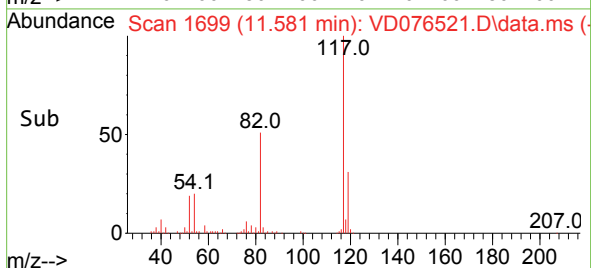
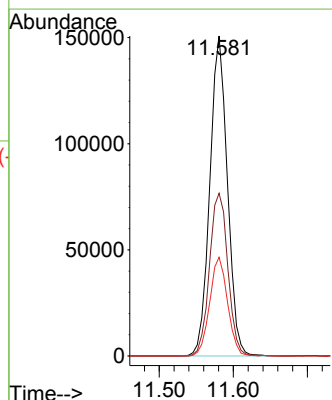
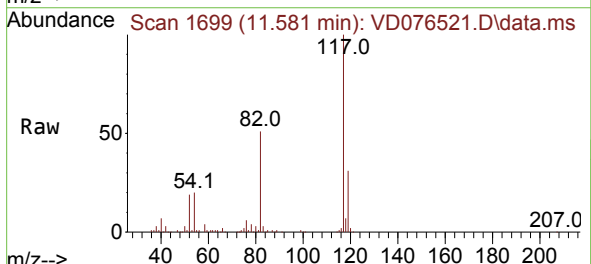
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

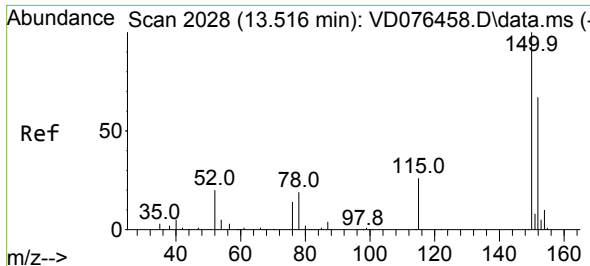
Tgt Ion: 95 Resp: 95568
Ion Ratio Lower Upper
95 100
174 90.7 0.0 201.8
176 88.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076521.D
Acq: 21 Jun 2023 19:22

Tgt Ion: 117 Resp: 248363
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.9 25.0 37.4

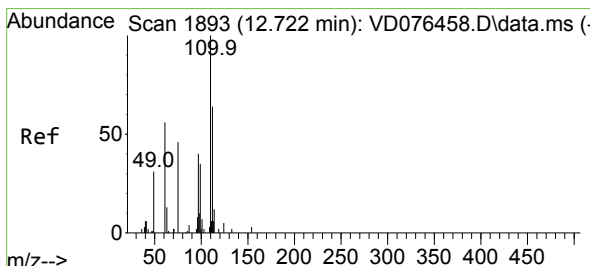
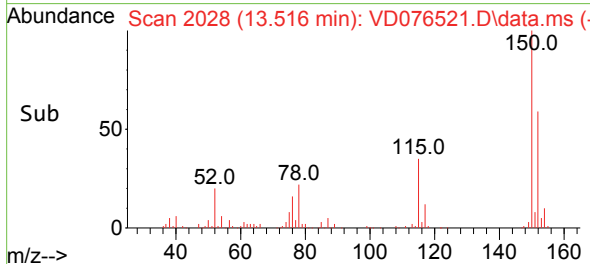
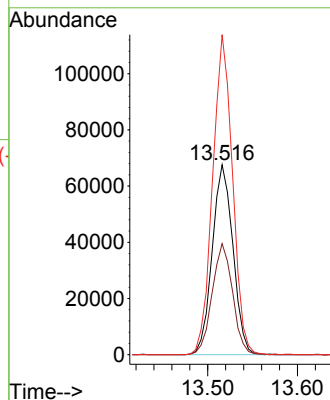
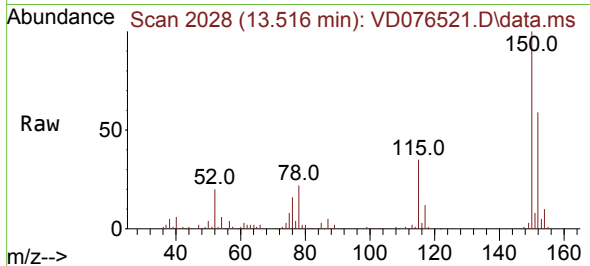




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076521.D
 Acq: 21 Jun 2023 19:22

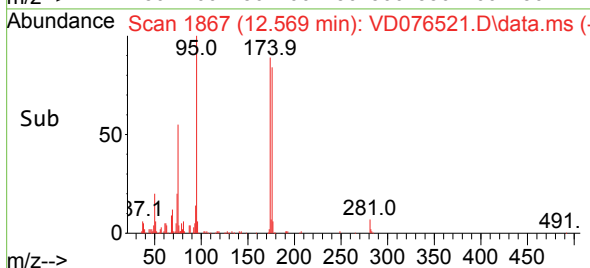
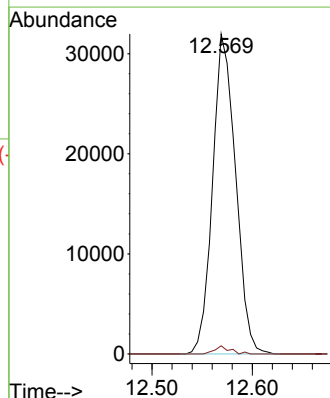
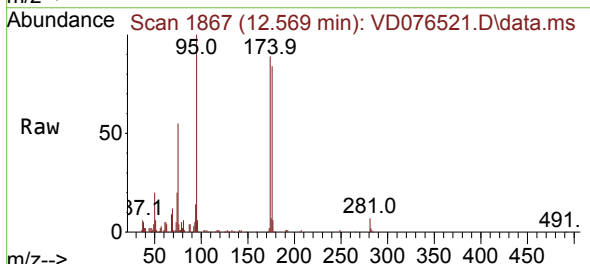
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

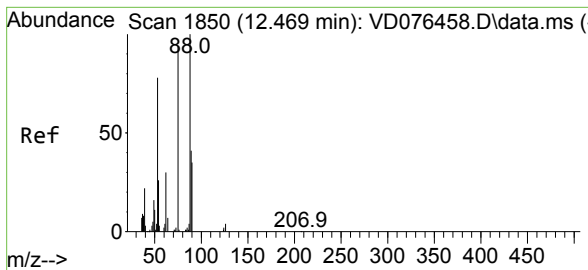
Tgt Ion:152 Resp: 108462
 Ion Ratio Lower Upper
 152 100
 115 57.6 27.1 81.3
 150 161.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 47.321 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076521.D
 Acq: 21 Jun 2023 19:22

Tgt Ion: 75 Resp: 50939
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.691 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076521.D
 Acq: 21 Jun 2023 19:22

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

Tgt Ion:	75	Resp:	50939
Ion	Ratio	Lower	Upper
75	100		
53	0.2	63.0	94.4#
89	0.0	37.9	56.9#

