

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078218.D
 Acq On : 24 Jan 2024 12:34
 Operator : RP/MD
 Sample : VD0124SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBL01

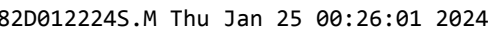
Quant Time: Jan 25 00:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

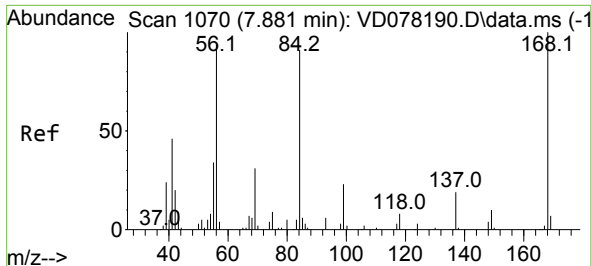
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	131714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	282197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	287462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70040	46.580	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.160%		
35) Dibromofluoromethane	7.810	113	86902	46.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.580%		
50) Toluene-d8	10.269	98	370143	50.332	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.575	95	108708	50.973	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.940%		
Target Compounds						
3) Chloromethane	2.152	50	70	Below Cal	#	41
16) Acetone	4.016	43	59	Below Cal	#	32
20) Methylene Chloride	4.810	84	4670	Below Cal		90
25) 2-Butanone	7.092	43	152	Below Cal	#	37
31) Cyclohexane	7.875	56	3406	1.225	ug/l	# 19
36) 1,1-Dichloropropene	7.881	75	11812	3.868	ug/l	# 50
38) Carbon Tetrachloride	7.875	117	14189	4.704	ug/l	# 15
49) 1,4-Dioxane	9.110	88	66	5.775	ug/l	# 33
51) 4-Methyl-2-Pentanone	10.269	43	1383	1.263	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	59512	51.957	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	59512	111.917	ug/l	# 17

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

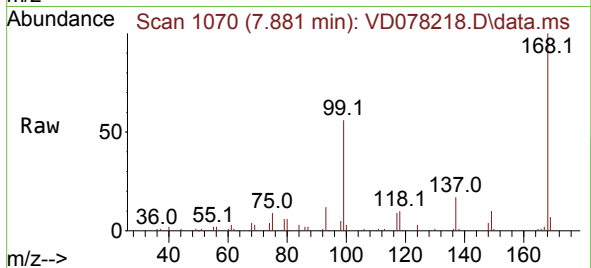
Quant Time: Jan 25 00:25:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration



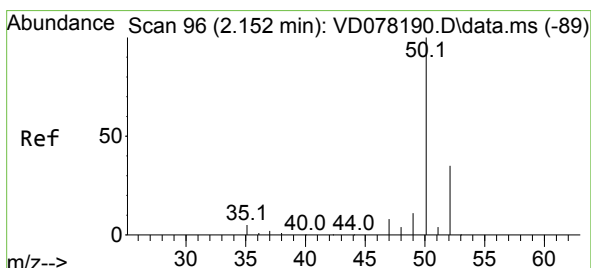
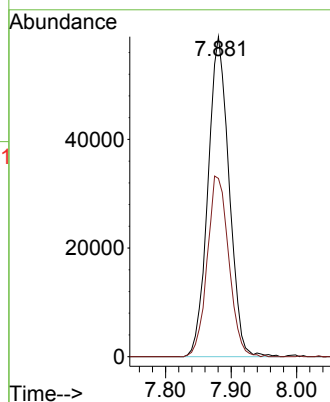
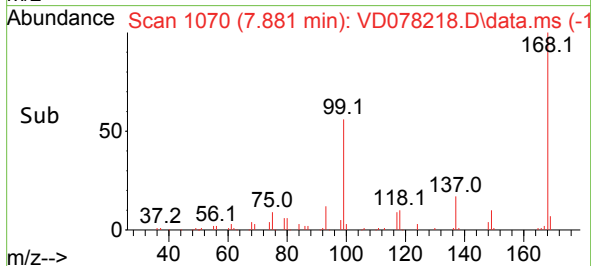


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

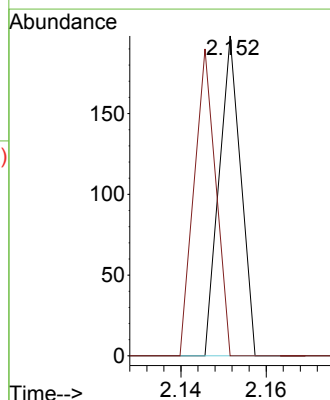
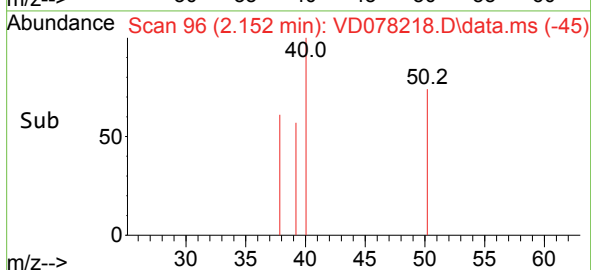
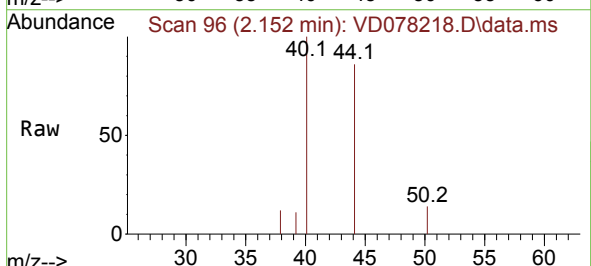


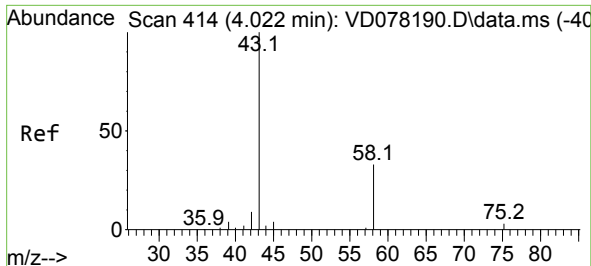
Tgt Ion:168 Resp: 131714
Ion Ratio Lower Upper
168 100
99 55.7 36.7 55.1#



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 50 Resp: 70
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

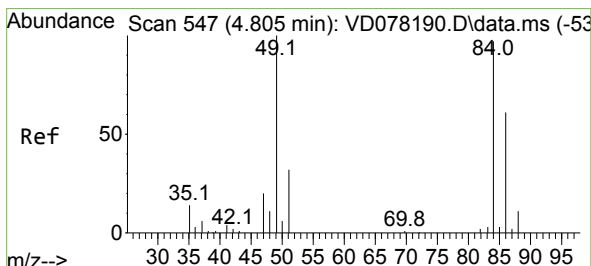
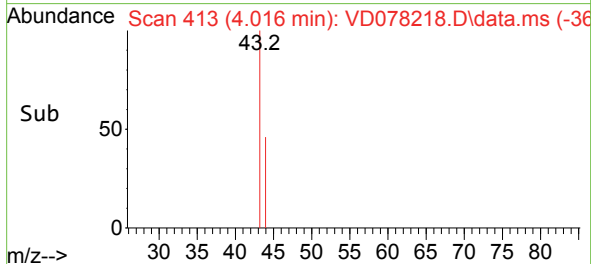
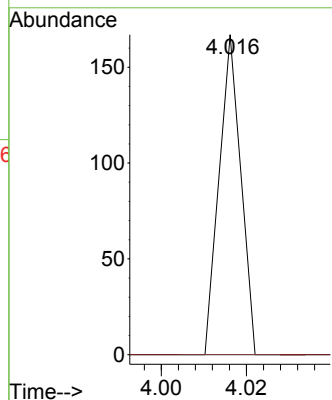
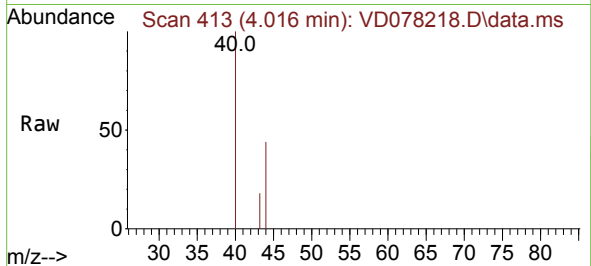




#16
Acetone
Concen: Below Cal
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

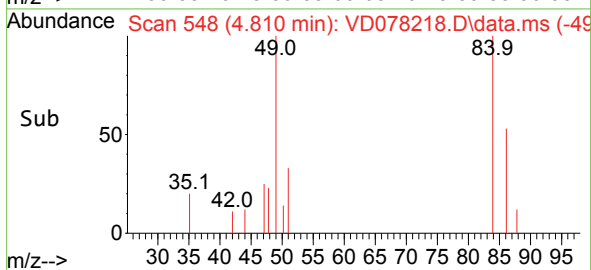
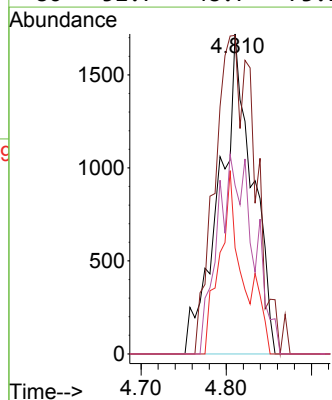
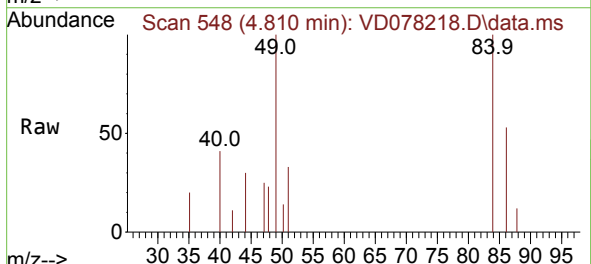
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

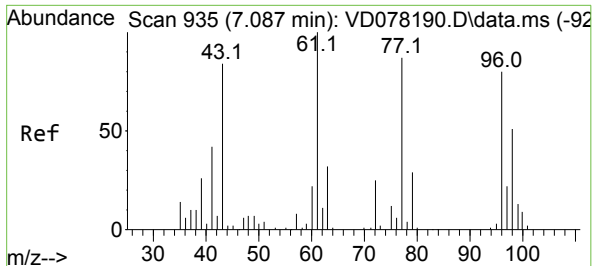
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 84 Resp: 4670
Ion Ratio Lower Upper
84 100
49 99.5 71.4 107.2
51 33.1 24.5 36.7
86 52.7 48.7 73.1

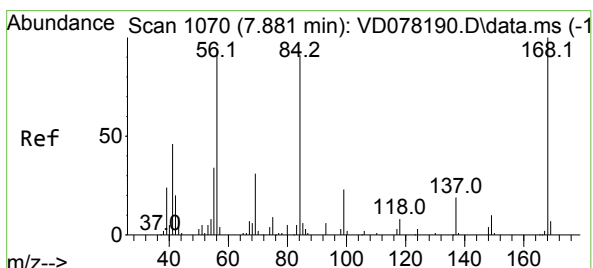
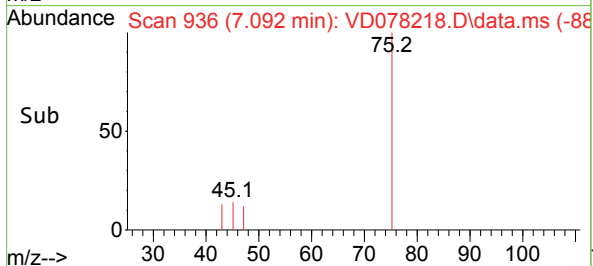
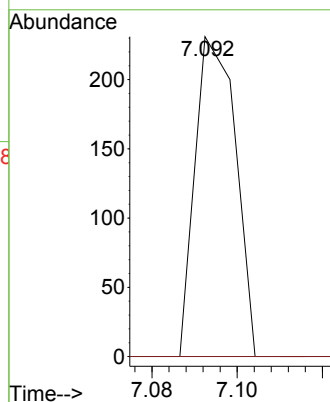
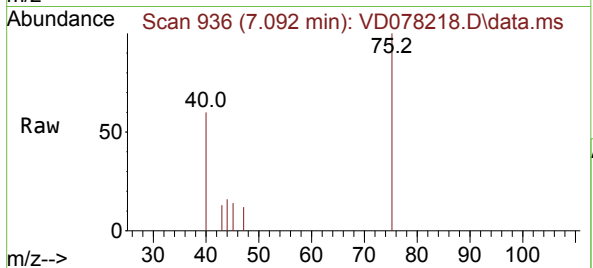




#25
2-Butanone
Concen: Below Cal
RT: 7.092 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

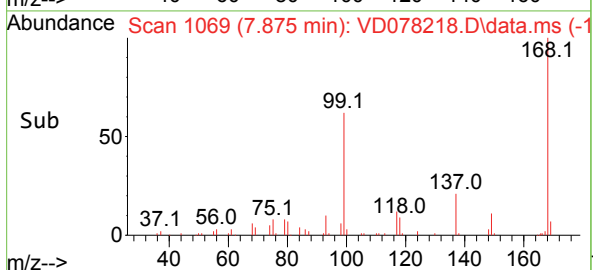
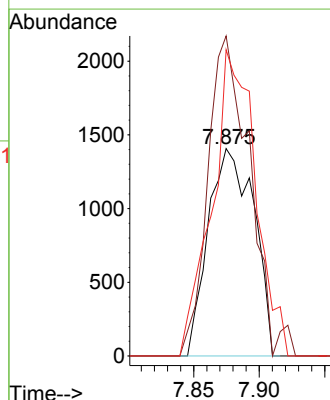
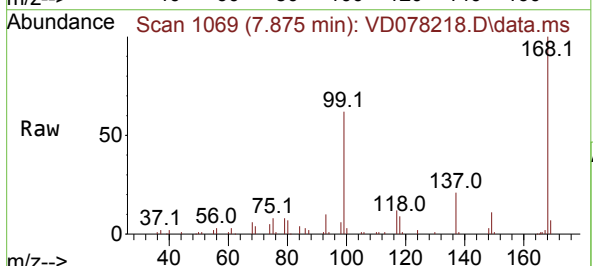
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

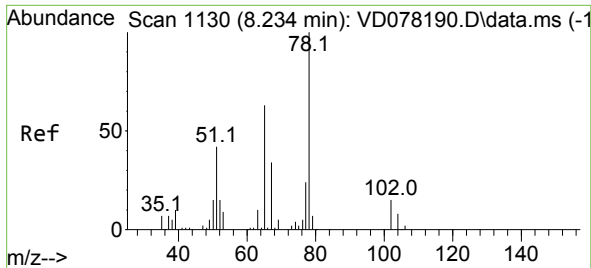
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 56 Resp: 3406
Ion Ratio Lower Upper
56 100
69 154.3 28.6 43.0#
84 147.7 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 46.580 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078218.D

Acq: 24 Jan 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

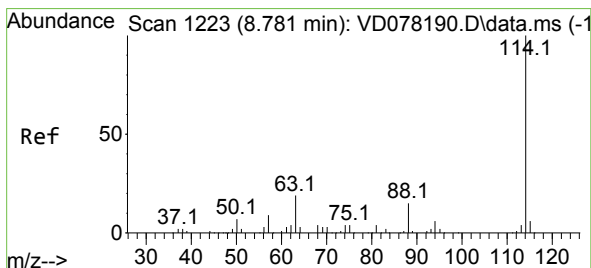
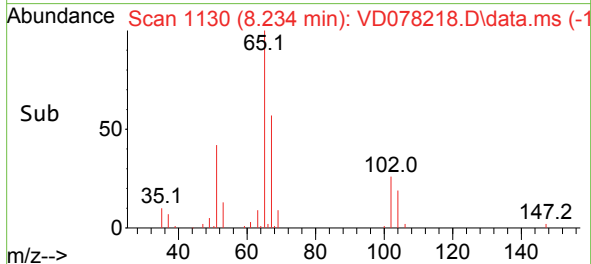
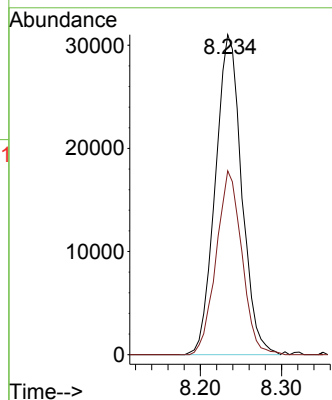
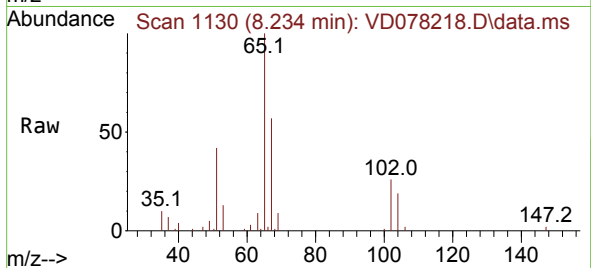
VD0124SBL01

Tgt Ion: 65 Resp: 70040

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078218.D

Acq: 24 Jan 2024 12:34

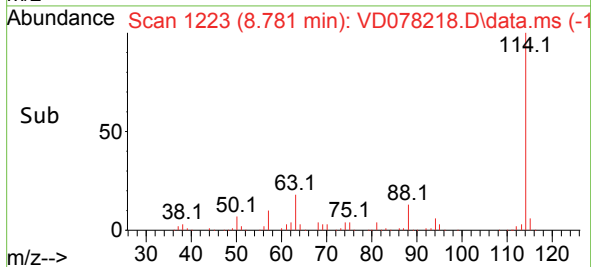
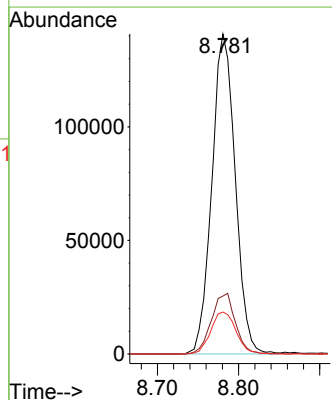
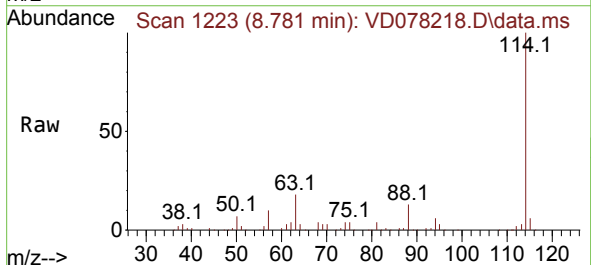
Tgt Ion: 114 Resp: 282197

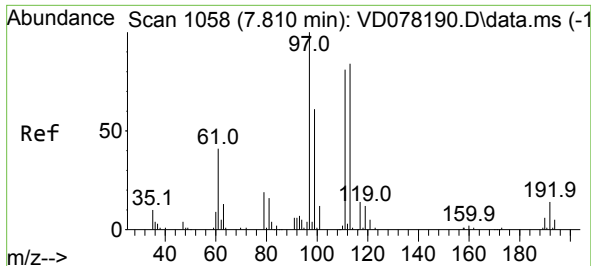
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.1 0.0 26.2

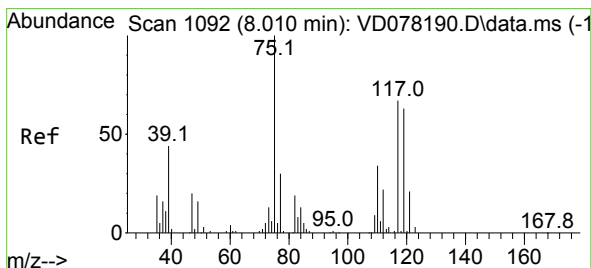
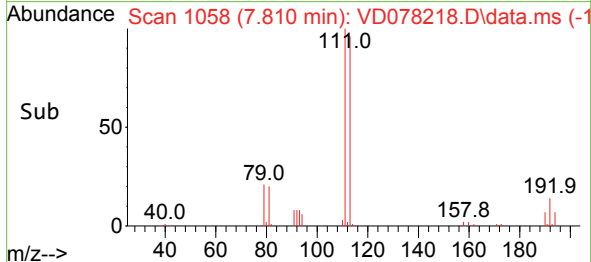
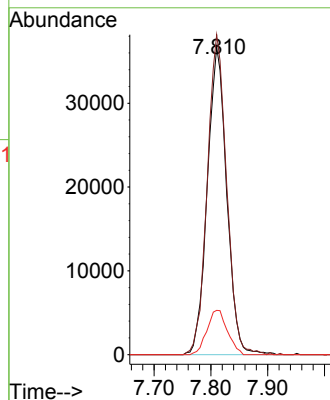
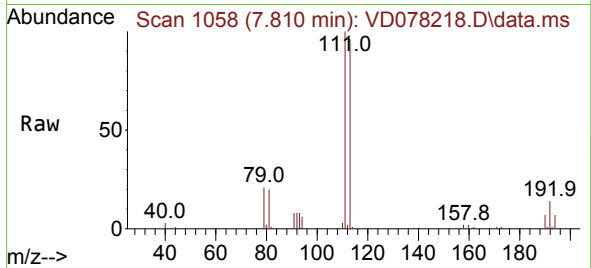




#35
Dibromofluoromethane
Concen: 46.791 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

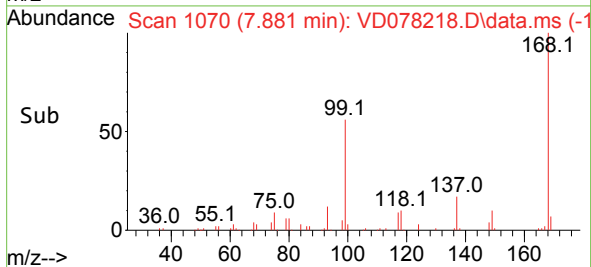
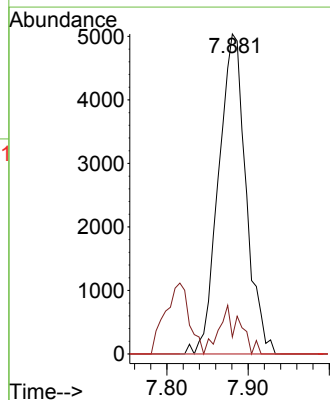
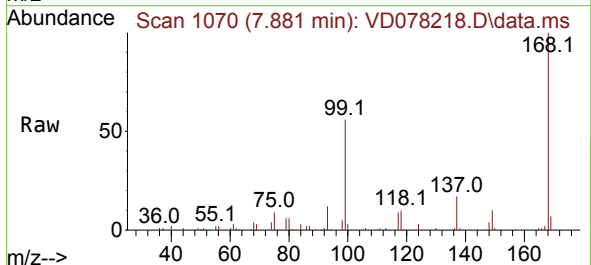
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

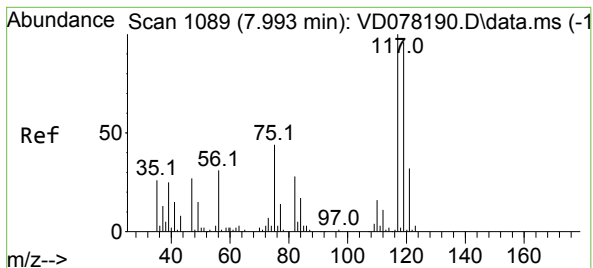
Tgt Ion:113 Resp: 86902
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 15.2 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 3.868 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 75 Resp: 11812
Ion Ratio Lower Upper
75 100
110 11.6 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.704 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078218.D

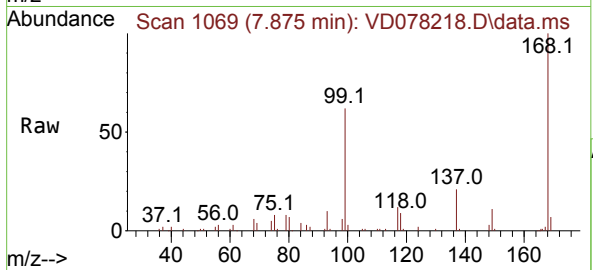
Acq: 24 Jan 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01



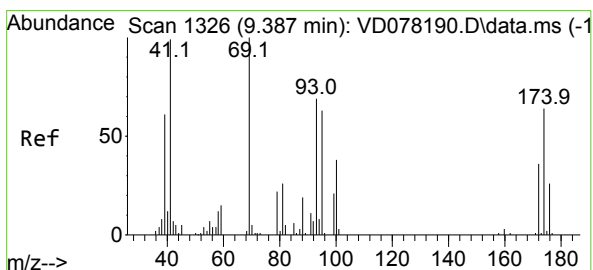
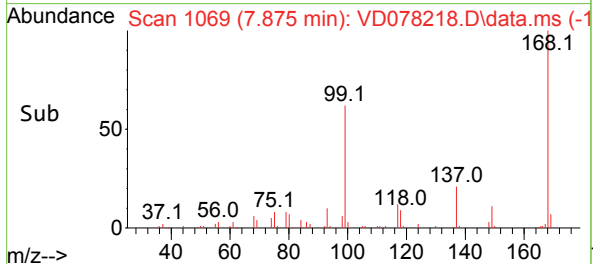
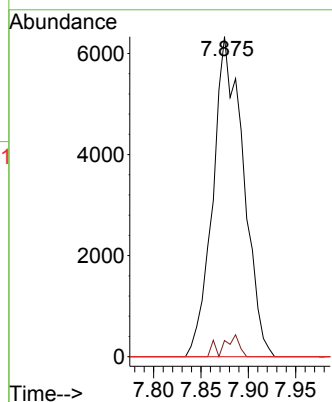
Tgt Ion:117 Resp: 14189

Ion Ratio Lower Upper

117 100

119 5.1 78.0 117.0#

121 0.0 24.2 36.2#



#49

1,4-Dioxane

Concen: 5.775 ug/l

RT: 9.110 min Scan# 1279

Delta R.T. -0.277 min

Lab File: VD078218.D

Acq: 24 Jan 2024 12:34

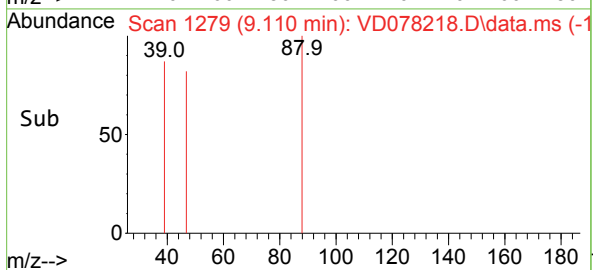
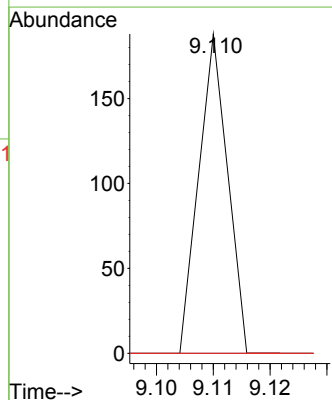
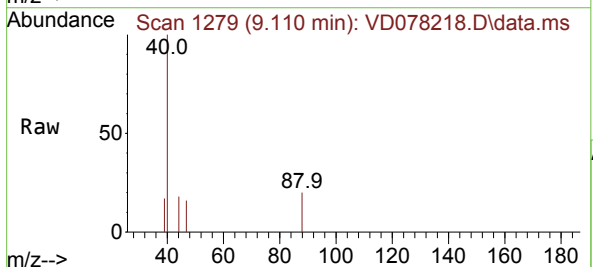
Tgt Ion: 88 Resp: 66

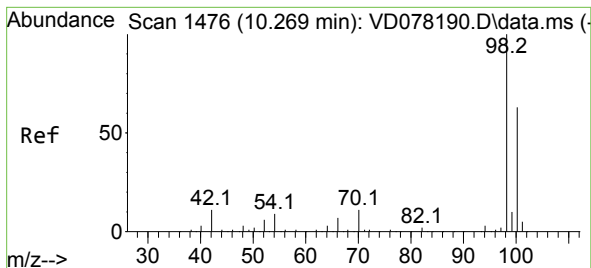
Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 0.0 43.5 65.3#





#50

Toluene-d8

Concen: 50.332 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078218.D

Acq: 24 Jan 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

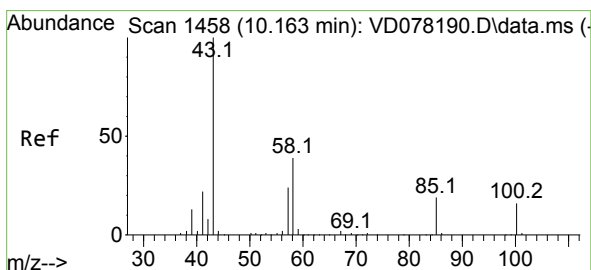
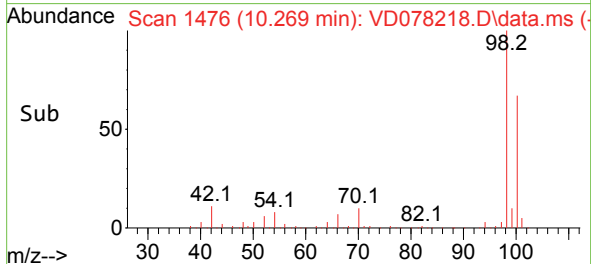
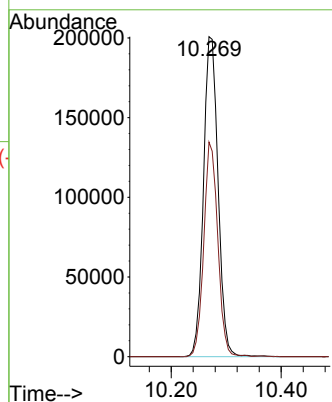
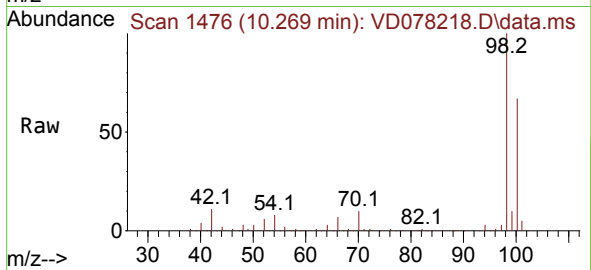
VD0124SBL01

Tgt Ion: 98 Resp: 370143

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5



#51

4-Methyl-2-Pentanone

Concen: 1.263 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.106 min

Lab File: VD078218.D

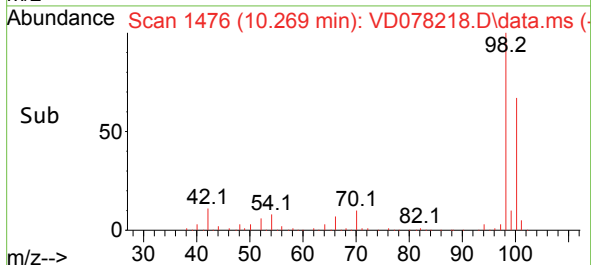
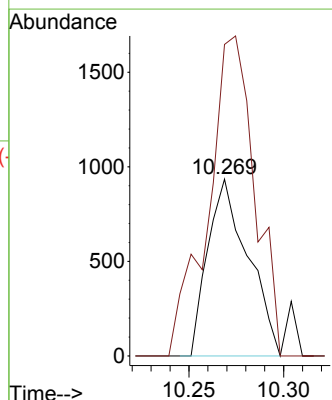
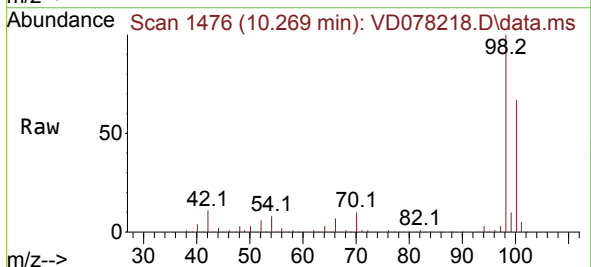
Acq: 24 Jan 2024 12:34

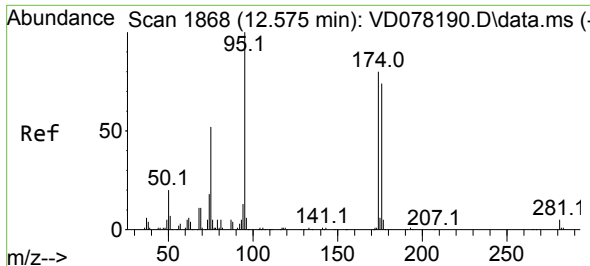
Tgt Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

58 209.4 38.9 58.3#

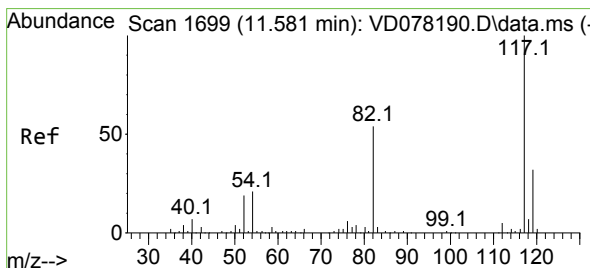
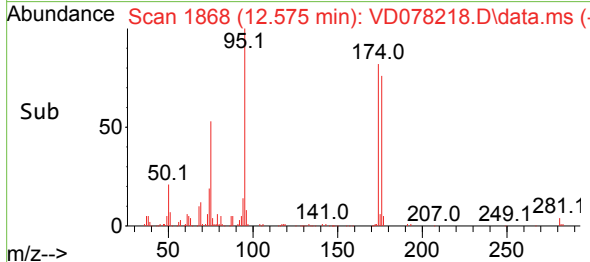
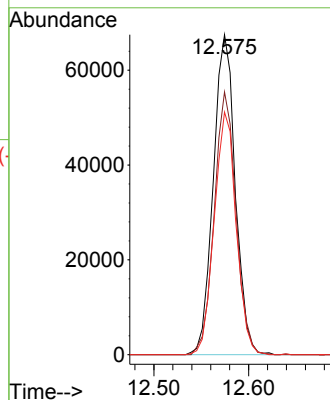
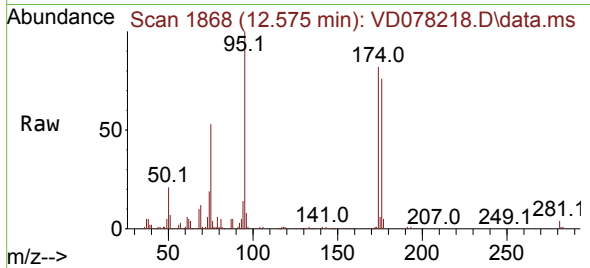




#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

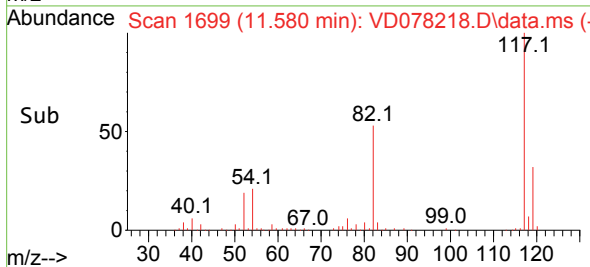
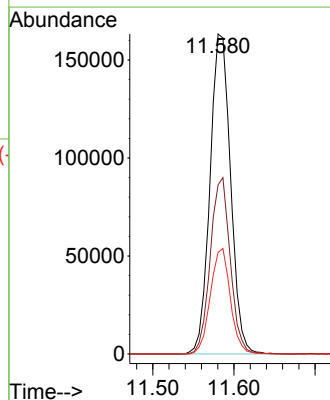
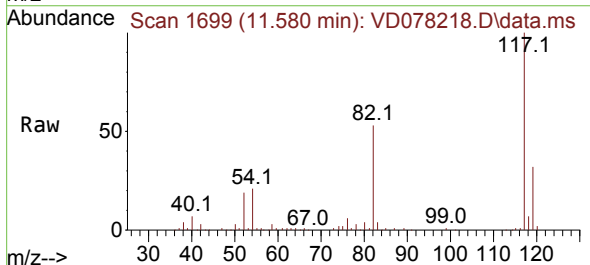
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

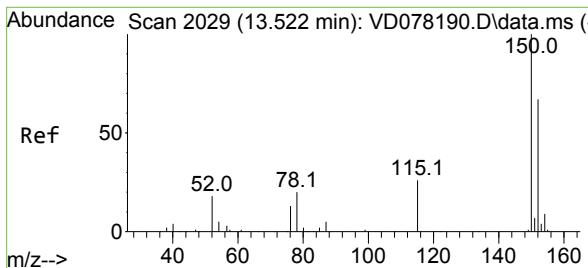
Tgt Ion: 95 Resp: 108708
Ion Ratio Lower Upper
95 100
174 81.2 0.0 201.8
176 75.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 117 Resp: 287462
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 31.8 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD078218.D

Acq: 24 Jan 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01

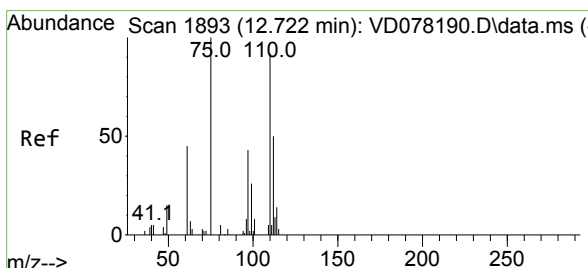
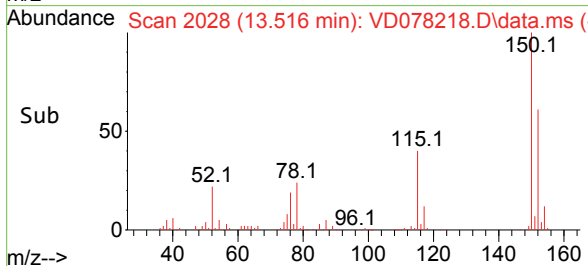
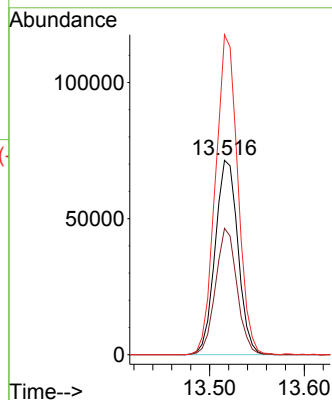
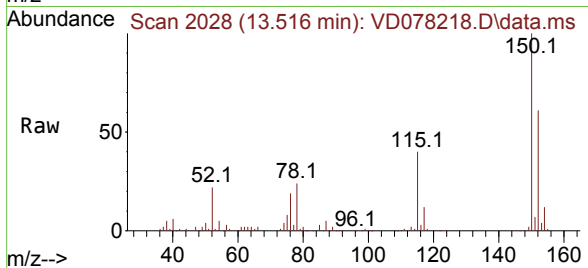
Tgt Ion:152 Resp: 119422

Ion Ratio Lower Upper

152 100

115 61.5 27.1 81.3

150 161.1 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 51.957 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078218.D

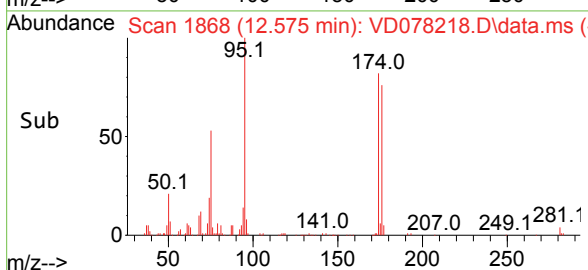
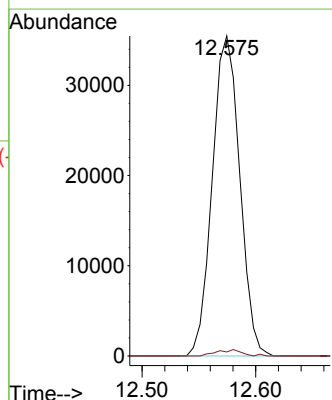
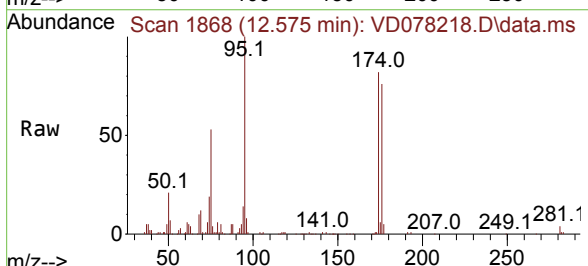
Acq: 24 Jan 2024 12:34

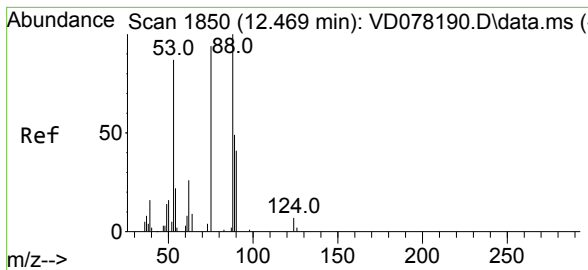
Tgt Ion: 75 Resp: 59512

Ion Ratio Lower Upper

75 100

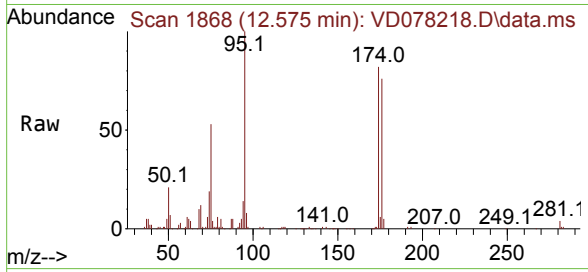
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.917 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078218.D
 Acq: 24 Jan 2024 12:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBL01



Tgt Ion: 75 Resp: 59512
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.1 37.9 56.9#

