

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076860.D
 Acq On : 28 Jul 2023 17:49
 Operator : KP/SY
 Sample : 03810-07
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P15B

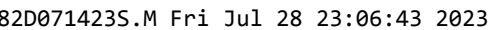
Quant Time: Jul 28 23:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

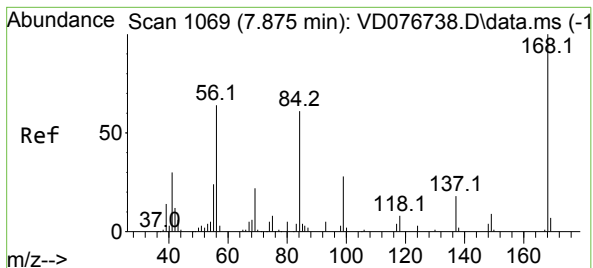
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	122460	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	243100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	71458	58.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.160%	
35) Dibromofluoromethane	7.798	113	79872	52.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.269	98	290248	53.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.575	95	88980	50.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.660%	
Target Compounds						
					Qvalue	
13) Acrolein	3.805	56	139	2.241	ug/l	# 15
16) Acetone	4.016	43	10479	35.973	ug/l	# 71
20) Methylene Chloride	4.787	84	9941	Below Cal	#	89
25) 2-Butanone	7.081	43	2510	6.438	ug/l	# 72
31) Cyclohexane	7.869	56	2630	1.465	ug/l	# 4
36) 1,1-Dichloropropene	7.869	75	10329	5.174	ug/l	# 51
38) Carbon Tetrachloride	7.869	117	13583	7.106	ug/l	# 15
76) 1,2,3-Trichloropropane	12.575	75	46384	48.175	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	46384	102.529	ug/l	# 17

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

Quant Time: Jul 28 23:06:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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: VD076860.D

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Instrument :

MSVOA_D

ClientSampleId :

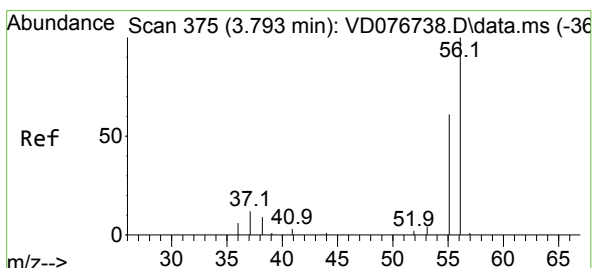
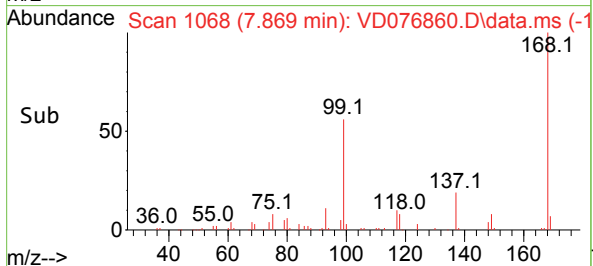
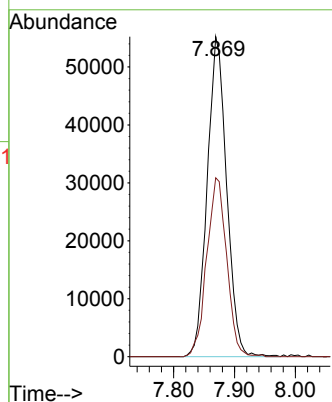
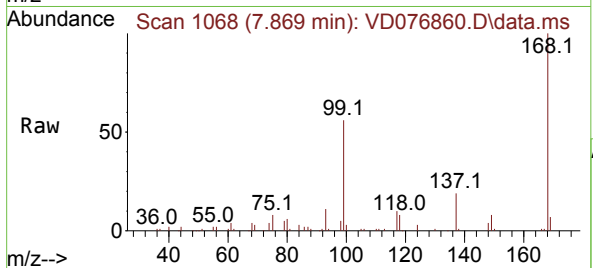
B-P15B

Tgt Ion:168 Resp: 122460

Ion Ratio Lower Upper

168 100

99 55.9 36.7 55.1#



#13

Acrolein

Concen: 2.241 ug/l

RT: 3.805 min Scan# 377

Delta R.T. 0.012 min

Lab File: VD076860.D

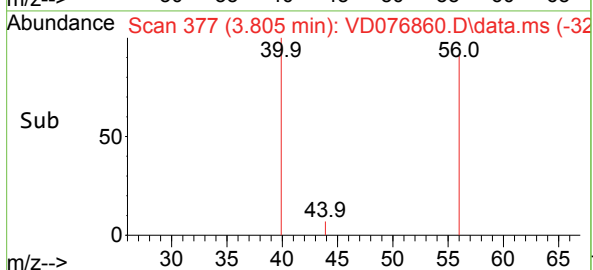
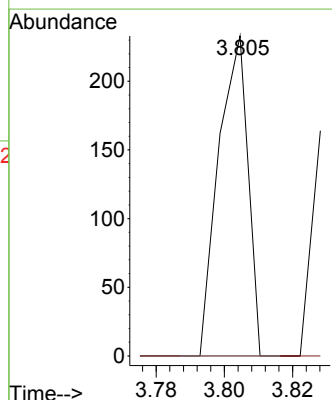
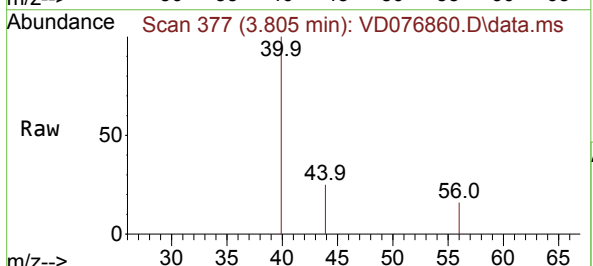
Acq: 28 Jul 2023 17:49

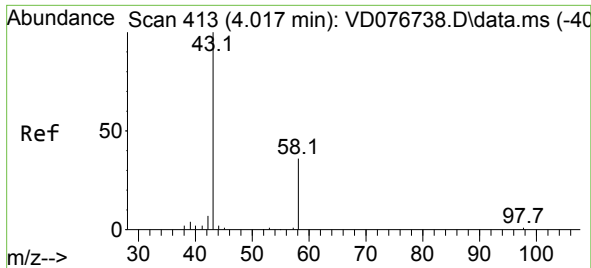
Tgt Ion: 56 Resp: 139

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#

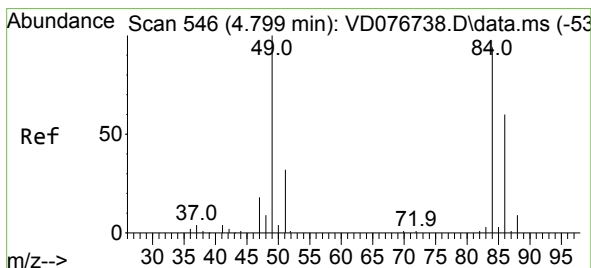
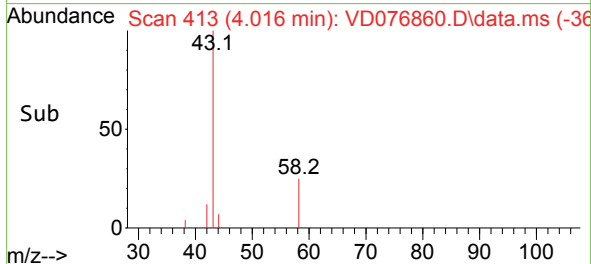
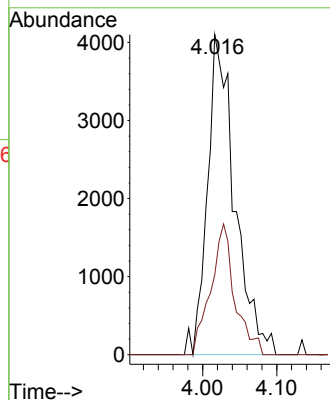
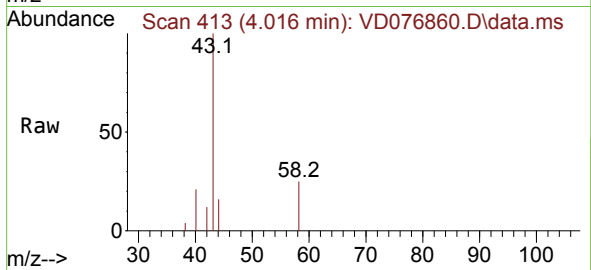




#16
Acetone
Concen: 35.973 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

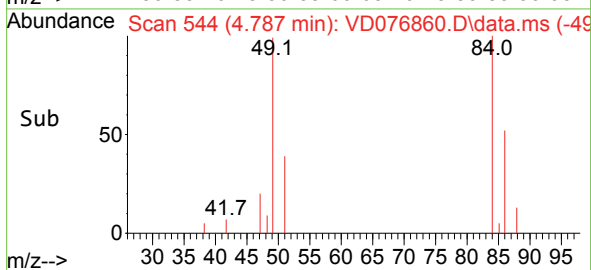
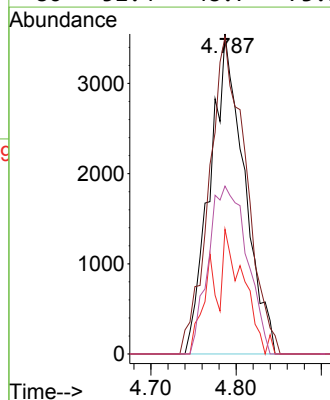
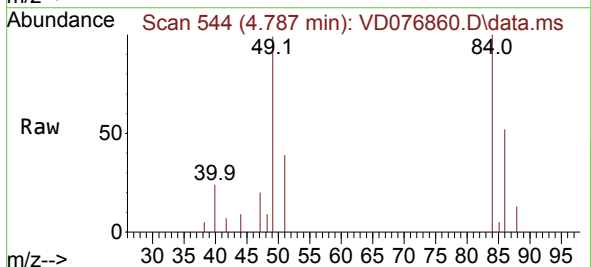
Instrument :
MSVOA_D
ClientSampleId :
B-P15B

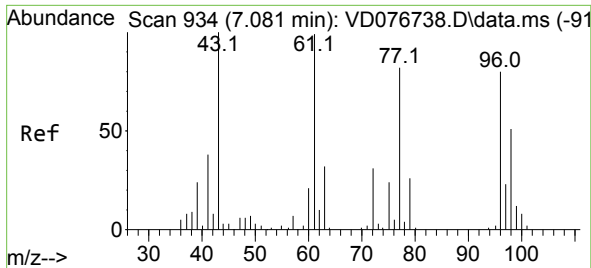
Tgt Ion: 43 Resp: 10479
Ion Ratio Lower Upper
43 100
58 24.9 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

Tgt Ion: 84 Resp: 9941
Ion Ratio Lower Upper
84 100
49 99.0 71.4 107.2
51 39.0 24.5 36.7#
86 52.4 48.7 73.1

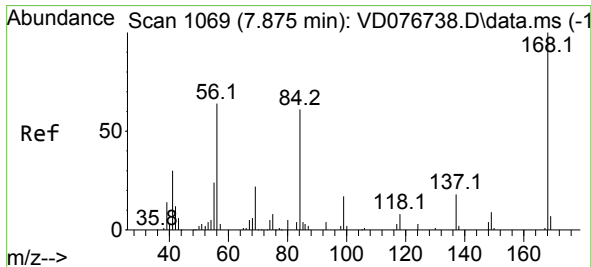
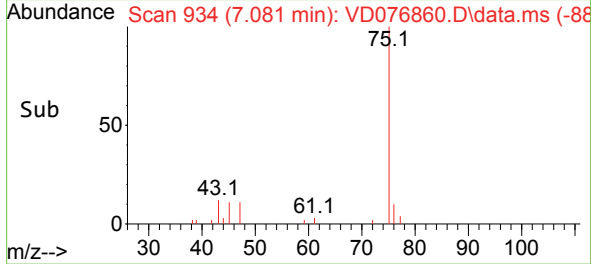
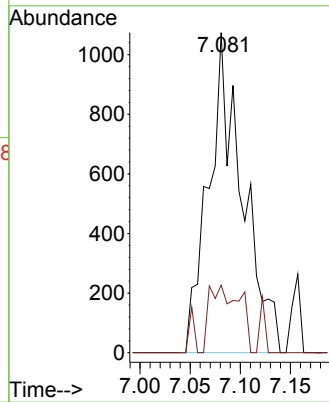
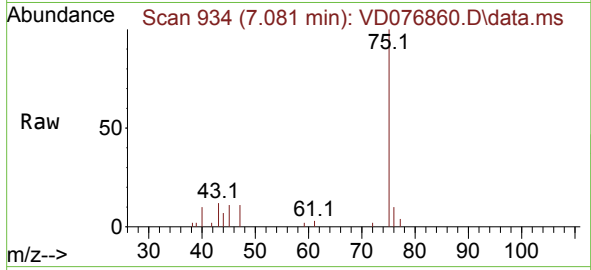




#25
2-Butanone
Concen: 6.438 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

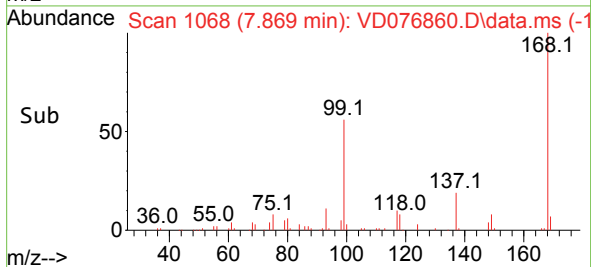
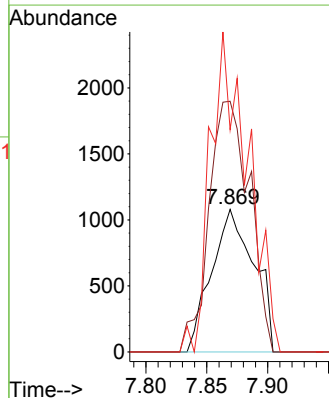
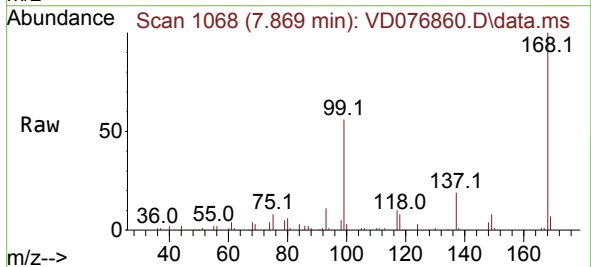
Instrument :
MSVOA_D
ClientSampleId :
B-P15B

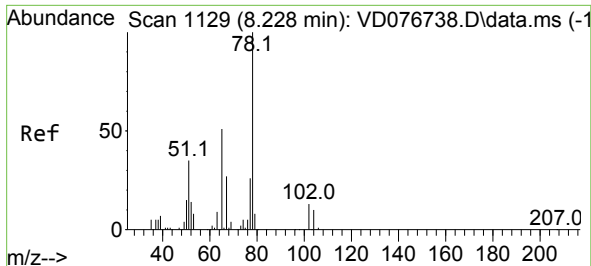
Tgt Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
72 21.1 30.7 46.1#



#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

Tgt Ion: 56 Resp: 2630
Ion Ratio Lower Upper
56 100
69 175.8 28.6 43.0#
84 155.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 58.585 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076860.D

Acq: 28 Jul 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

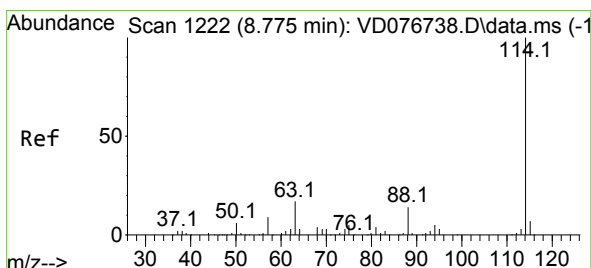
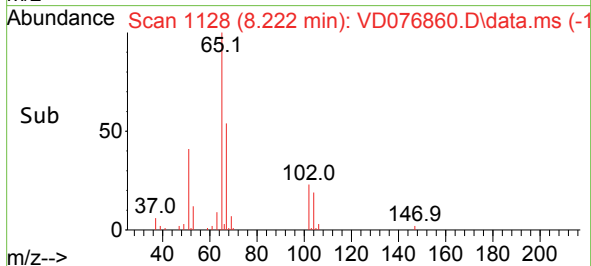
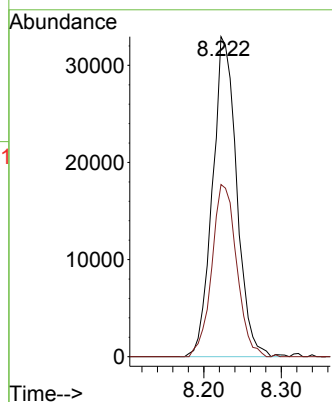
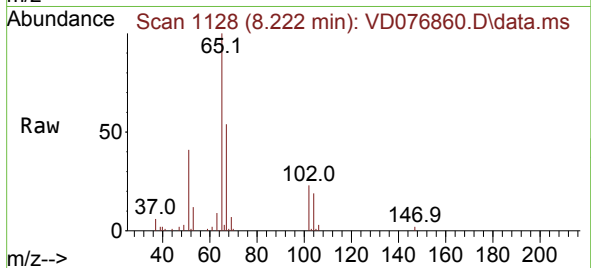
B-P15B

Tgt Ion: 65 Resp: 71458

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076860.D

Acq: 28 Jul 2023 17:49

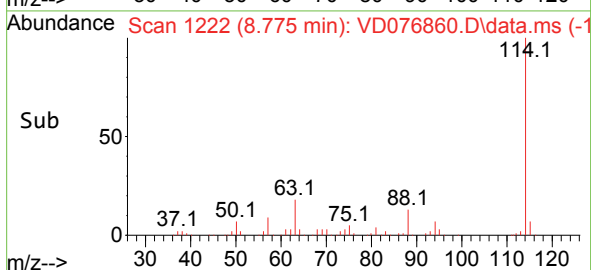
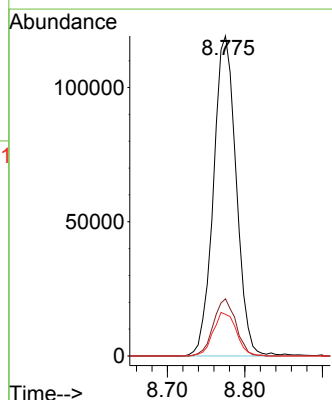
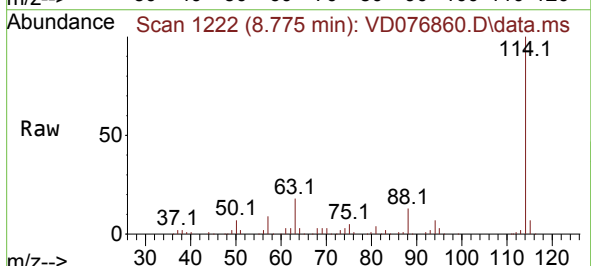
Tgt Ion: 114 Resp: 243100

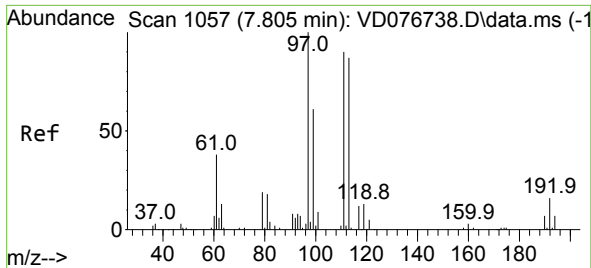
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.0 0.0 26.2

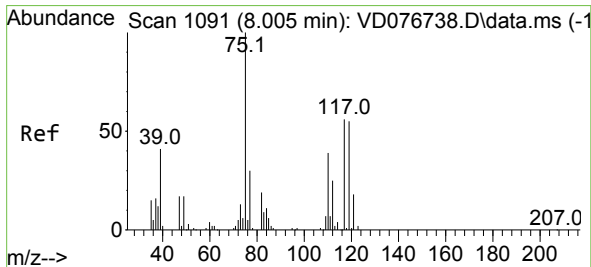
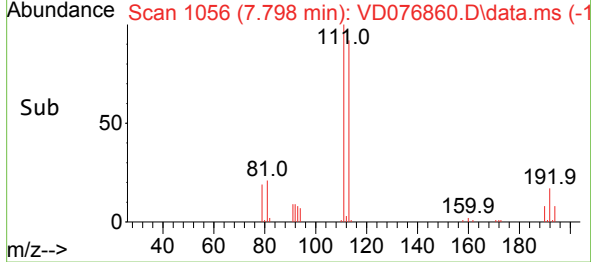
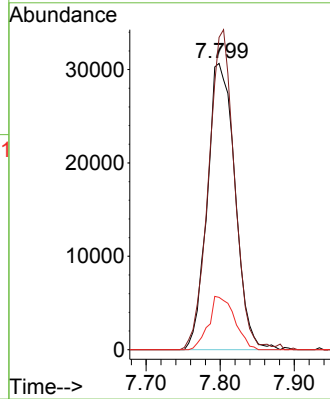
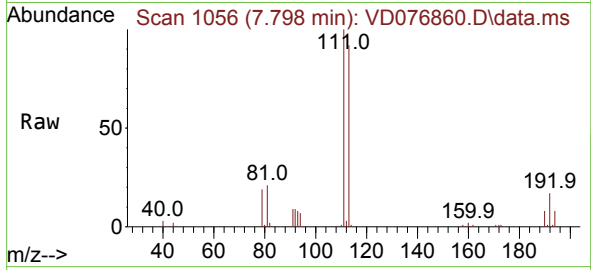




#35
 Dibromofluoromethane
 Concen: 52.284 ug/l
 RT: 7.798 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076860.D
 Acq: 28 Jul 2023 17:49

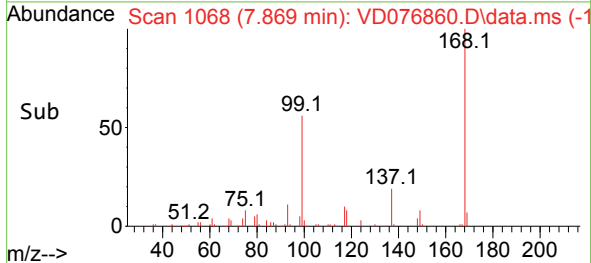
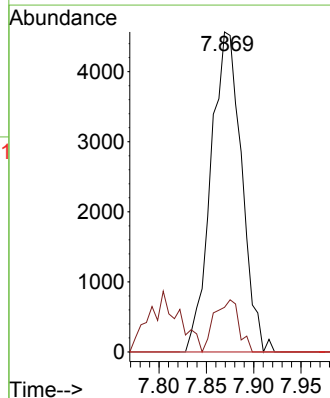
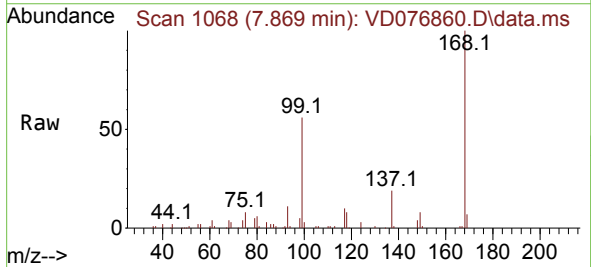
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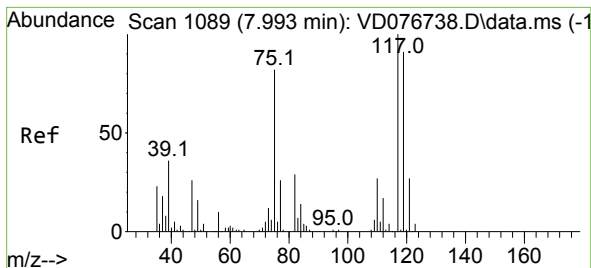
Tgt Ion:113 Resp: 79872
 Ion Ratio Lower Upper
 113 100
 111 104.6 84.7 127.1
 192 17.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 5.174 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.136 min
 Lab File: VD076860.D
 Acq: 28 Jul 2023 17:49

Tgt Ion: 75 Resp: 10329
 Ion Ratio Lower Upper
 75 100
 110 13.0 19.9 59.6#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.106 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076860.D

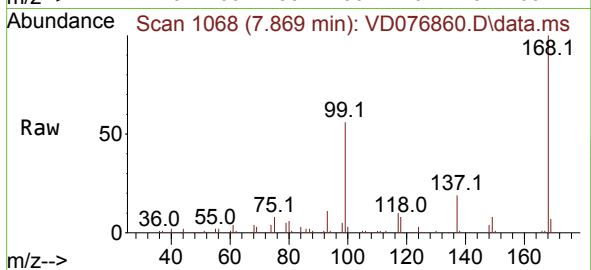
Acq: 28 Jul 2023 17:49

Instrument :

MSVOA_D

ClientSampleId :

B-P15B



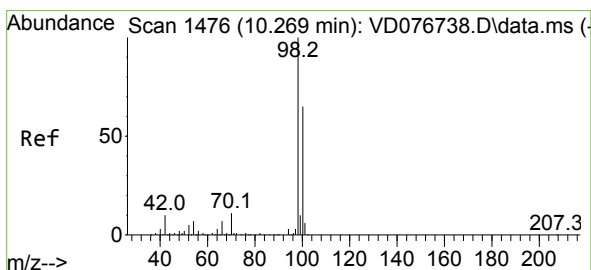
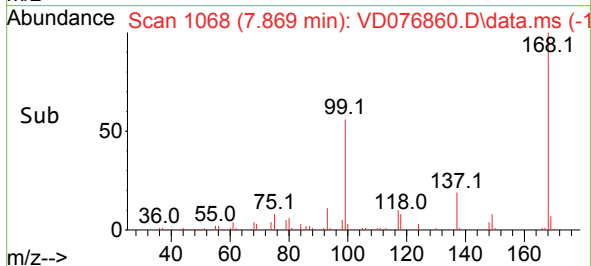
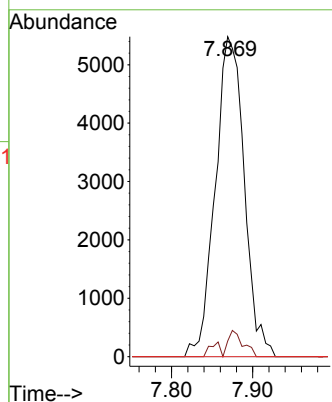
Tgt Ion:117 Resp: 13583

Ion Ratio Lower Upper

117 100

119 4.9 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 53.110 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076860.D

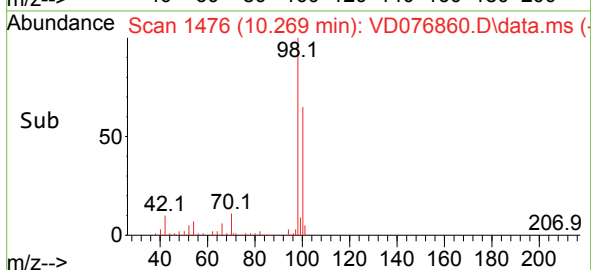
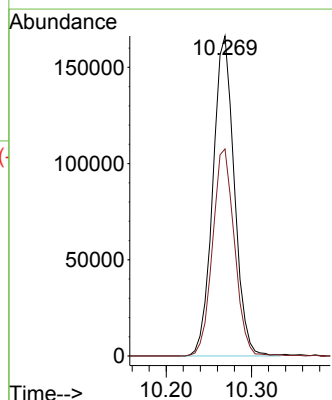
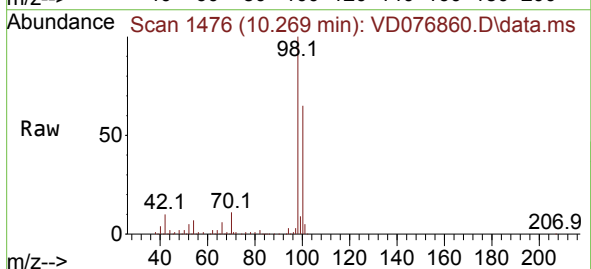
Acq: 28 Jul 2023 17:49

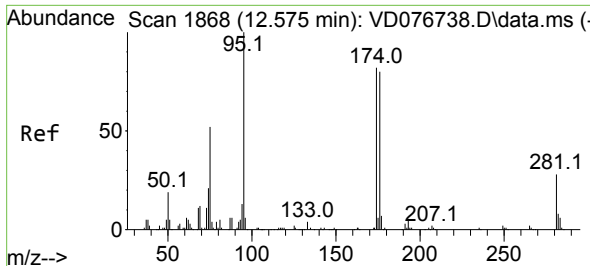
Tgt Ion: 98 Resp: 290248

Ion Ratio Lower Upper

98 100

100 66.2 50.3 75.5

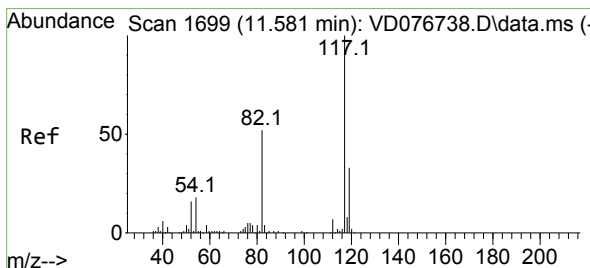
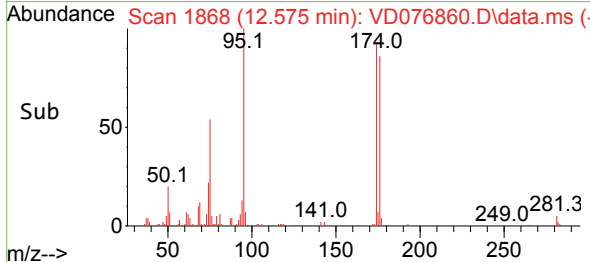
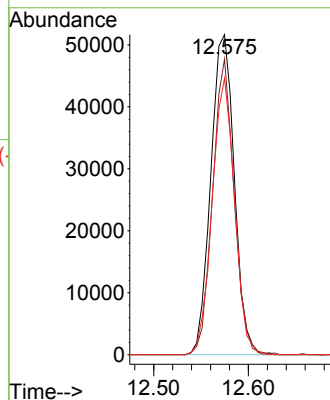
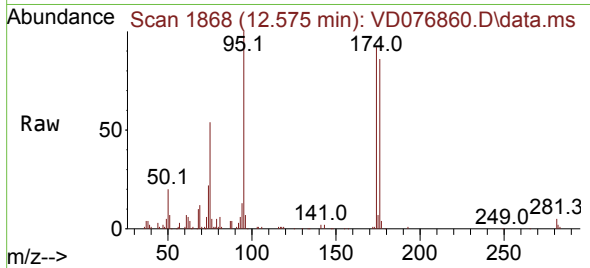




#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

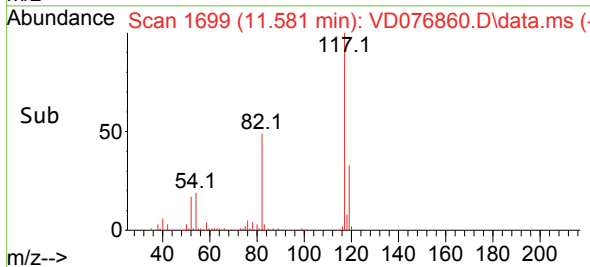
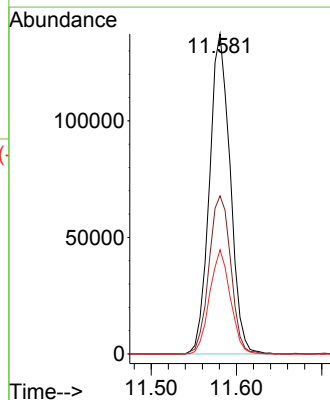
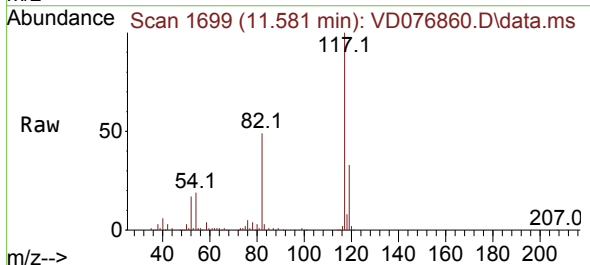
Instrument :
MSVOA_D
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B-P15B

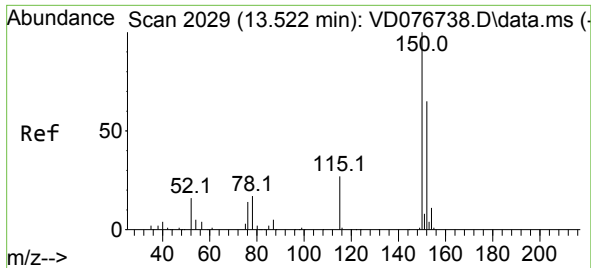
Tgt Ion:	95	Resp:	88980
Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	201.8
176	82.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076860.D
Acq: 28 Jul 2023 17:49

Tgt Ion:	117	Resp:	231978
Ion	Ratio	Lower	Upper
117	100		
82	49.4	38.3	57.5
119	32.6	25.0	37.4

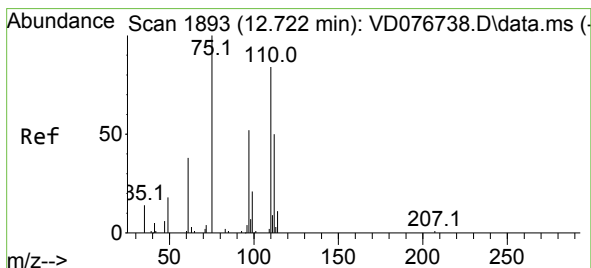
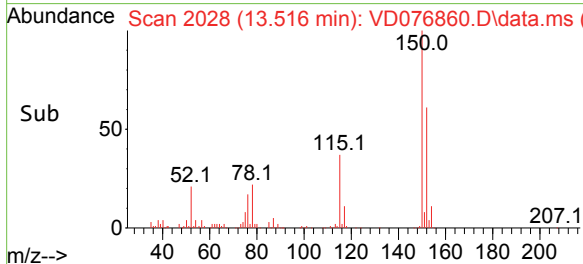
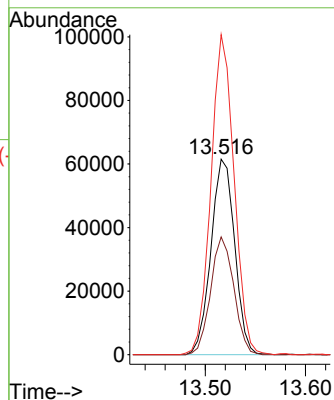
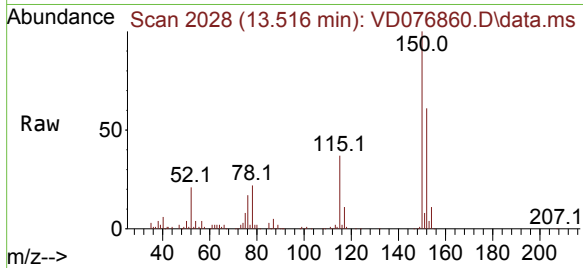




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076860.D
 Acq: 28 Jul 2023 17:49

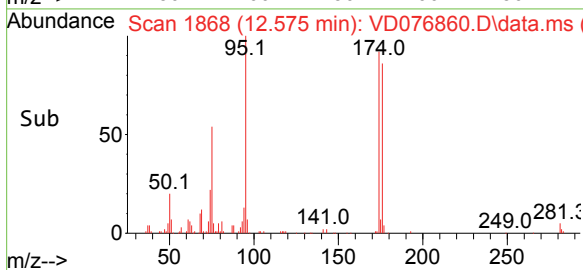
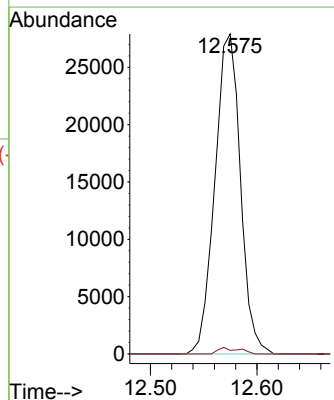
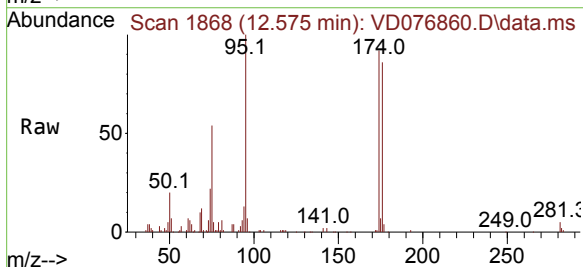
Instrument :
 MSVOA_D
 ClientSampleId :
 B-P15B

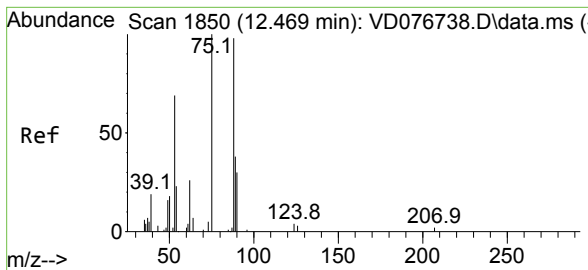
Tgt Ion:152 Resp: 101244
 Ion Ratio Lower Upper
 152 100
 115 58.8 27.1 81.3
 150 159.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.175 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076860.D
 Acq: 28 Jul 2023 17:49

Tgt Ion: 75 Resp: 46384
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.529 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076860.D
 Acq: 28 Jul 2023 17:49

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P15B

Tgt Ion:	75	Resp:	46384
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

