

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076857.D
 Acq On : 28 Jul 2023 16:22
 Operator : KP/SY
 Sample : 03810-04
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P16B

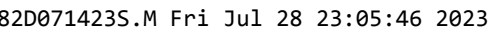
Quant Time: Jul 28 23:05:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

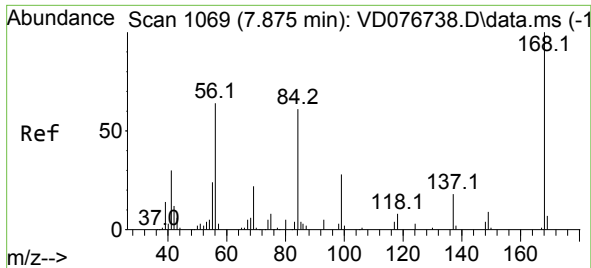
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	179973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98321	54.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.700%	
35) Dibromofluoromethane	7.804	113	108561	51.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.080%	
50) Toluene-d8	10.269	98	418664	55.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.575	95	119765	48.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.320%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.787	84	10896	Below Cal	#	86
31) Cyclohexane	7.875	56	4061	1.539	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	15019	5.404	ug/l #	45
38) Carbon Tetrachloride	7.869	117	17857	6.710	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1524	1.180	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	64608	48.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	64608	102.982	ug/l #	17

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

Quant Time: Jul 28 23:05:35 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

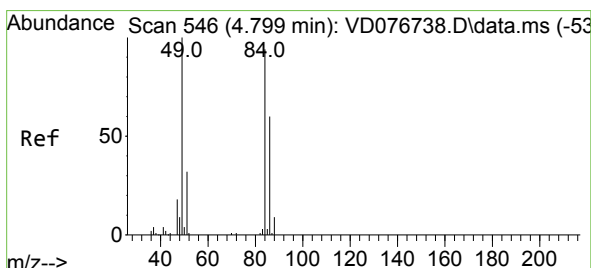
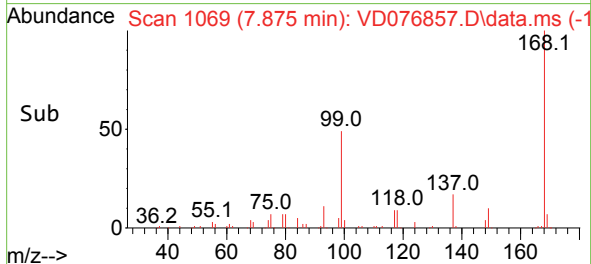
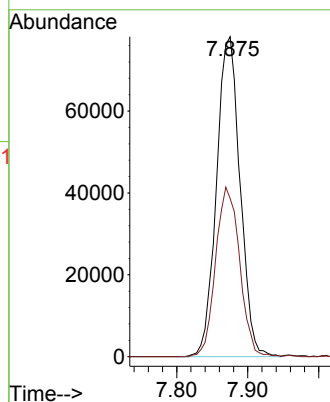
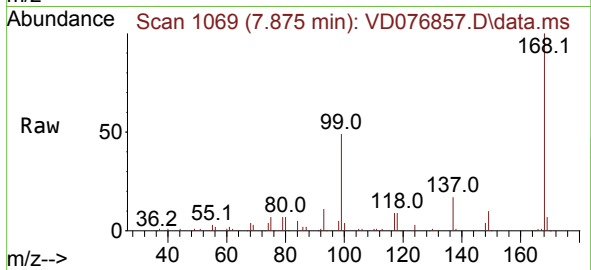




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

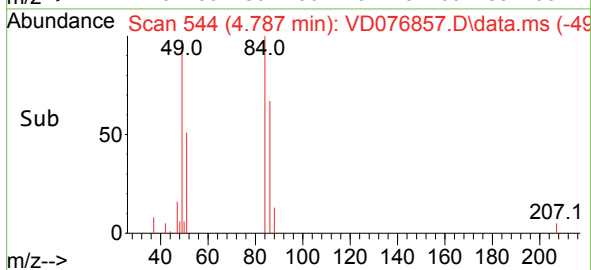
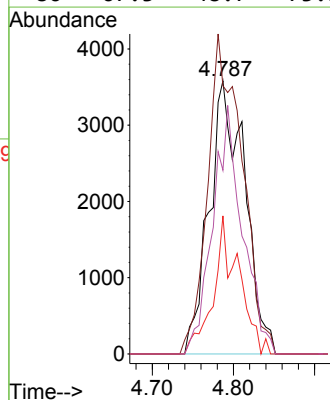
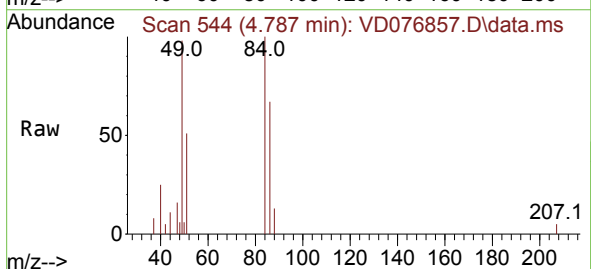
Instrument :
MSVOA_D
ClientSampleId :
B-P16B

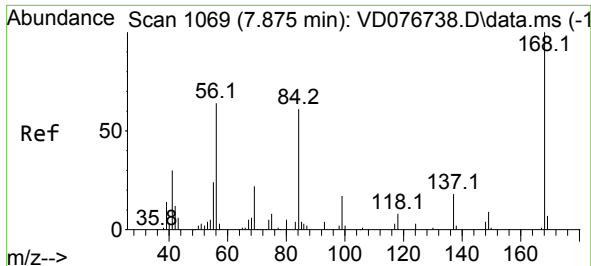
Tgt Ion:168 Resp: 179973
Ion Ratio Lower Upper
168 100
99 49.4 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

Tgt Ion: 84 Resp: 10896
Ion Ratio Lower Upper
84 100
49 98.2 71.4 107.2
51 50.6 24.5 36.7#
86 67.3 48.7 73.1

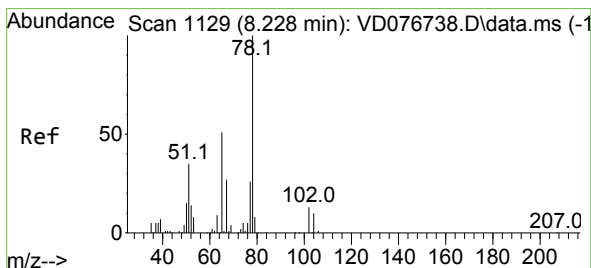
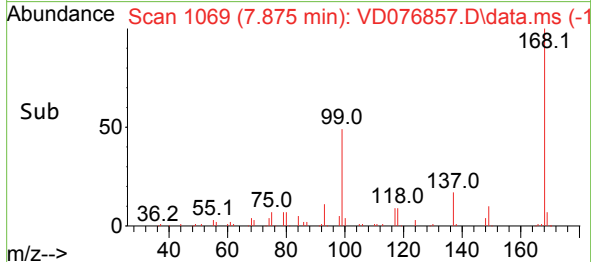
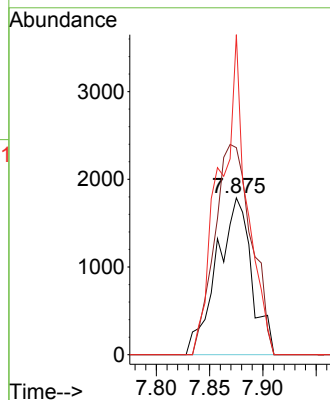
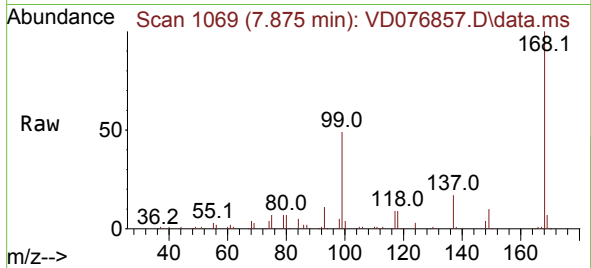




#31
Cyclohexane
Concen: 1.539 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

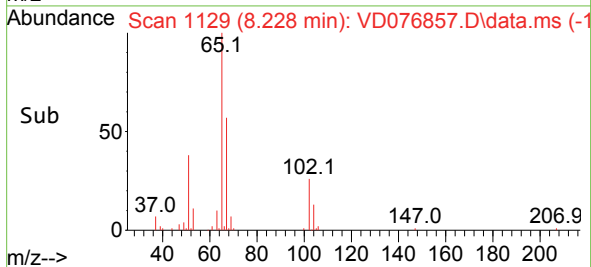
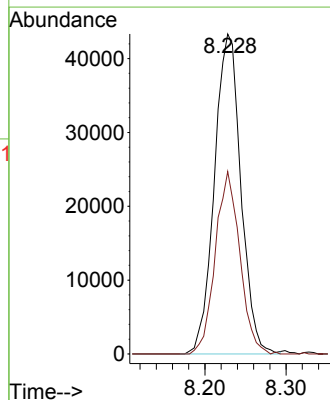
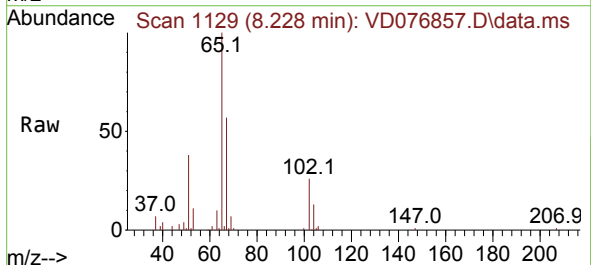
Instrument :
MSVOA_D
ClientSampleId :
B-P16B

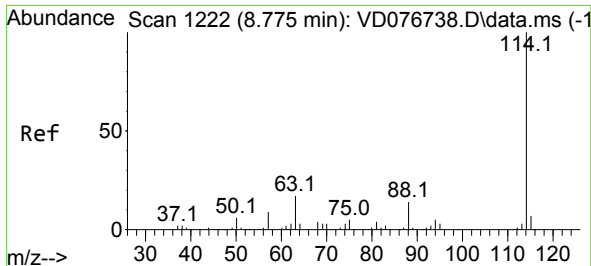
Tgt Ion: 56 Resp: 4061
Ion Ratio Lower Upper
56 100
69 132.0 28.6 43.0#
84 204.1 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 54.849 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

Tgt Ion: 65 Resp: 98321
Ion Ratio Lower Upper
65 100
67 52.8 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: VD076857.D

Acq: 28 Jul 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

B-P16B

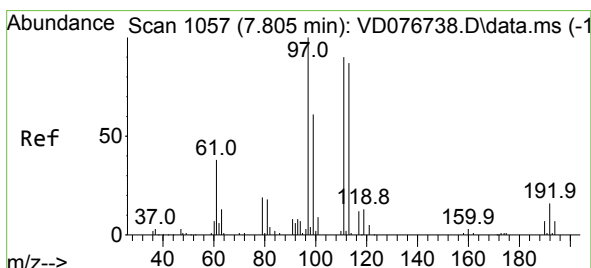
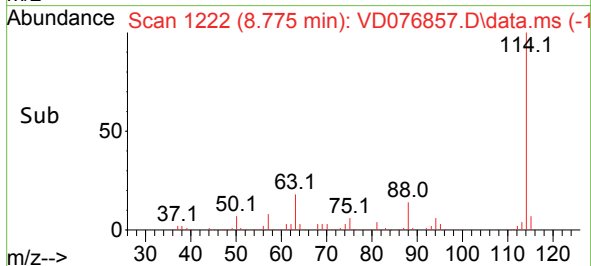
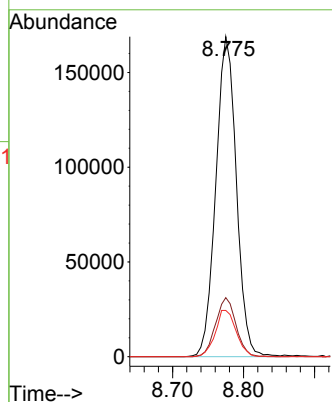
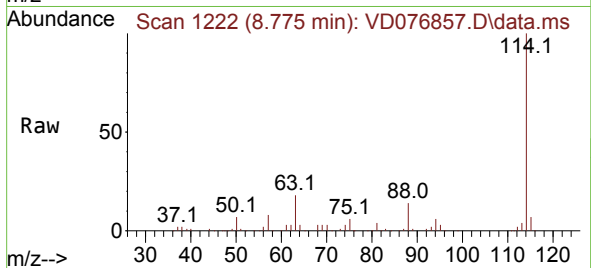
Tgt Ion:114 Resp: 338456

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.042 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076857.D

Acq: 28 Jul 2023 16:22

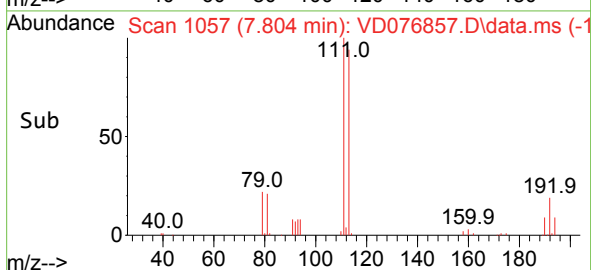
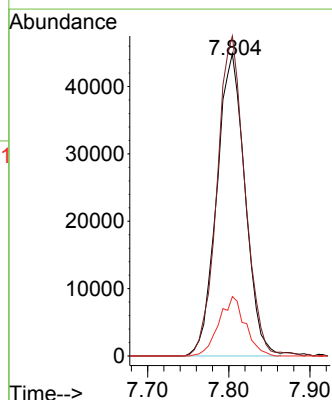
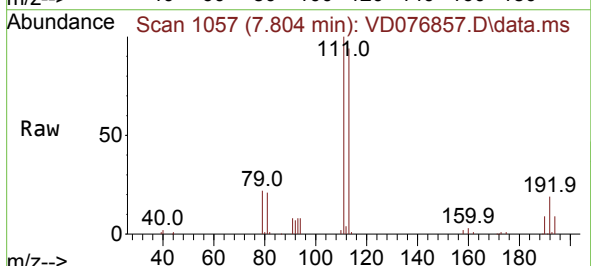
Tgt Ion:113 Resp: 108561

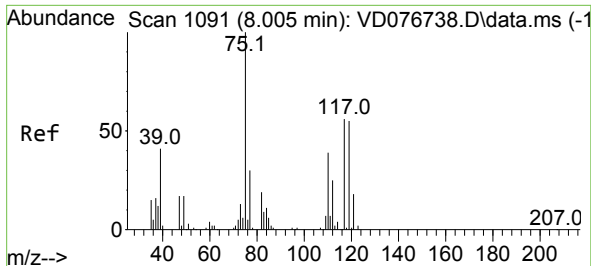
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 18.3 16.8 25.2

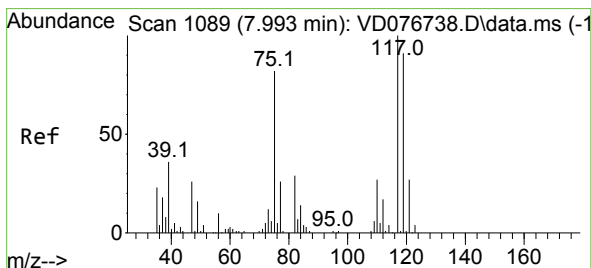
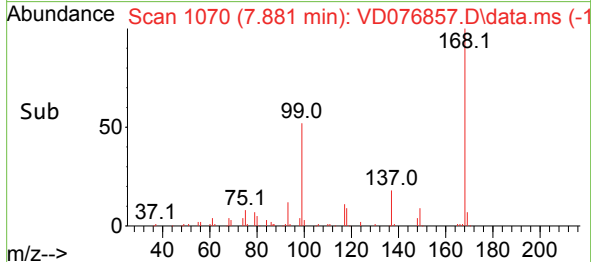
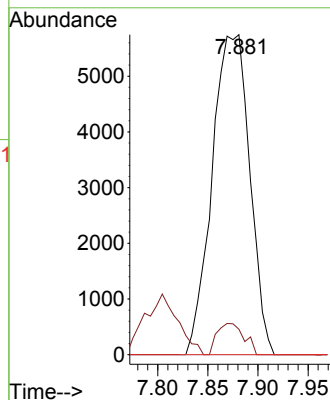
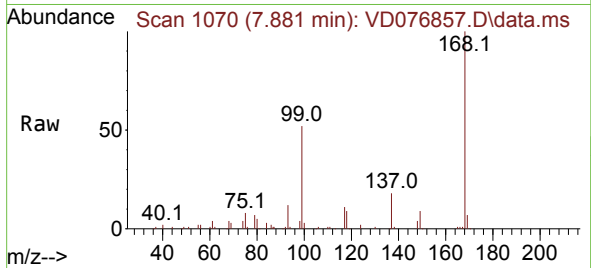




#36
1,1-Dichloropropene
Concen: 5.404 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

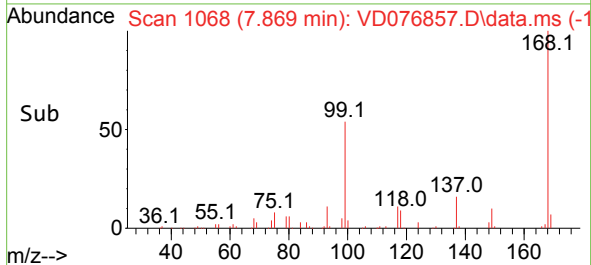
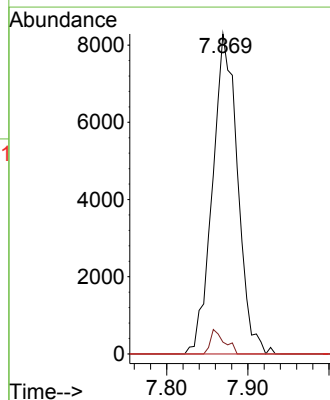
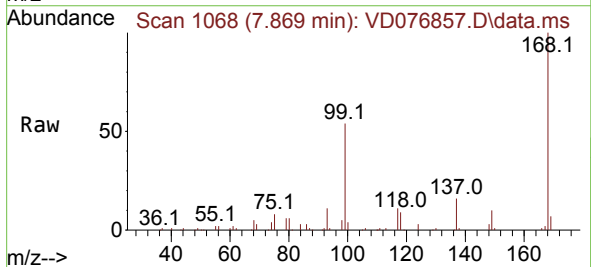
Instrument :
MSVOA_D
ClientSampleId :
B-P16B

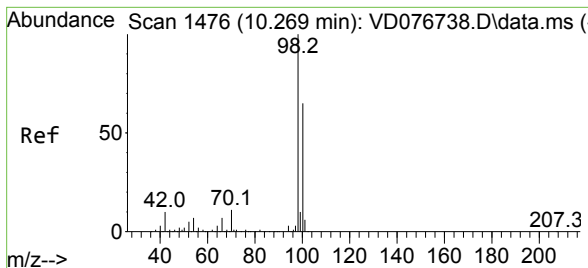
Tgt Ion: 75 Resp: 15019
Ion Ratio Lower Upper
75 100
110 7.0 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

Tgt Ion: 117 Resp: 17857
Ion Ratio Lower Upper
117 100
119 3.7 78.0 117.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 55.025 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076857.D

Acq: 28 Jul 2023 16:22

Instrument :

MSVOA_D

ClientSampleId :

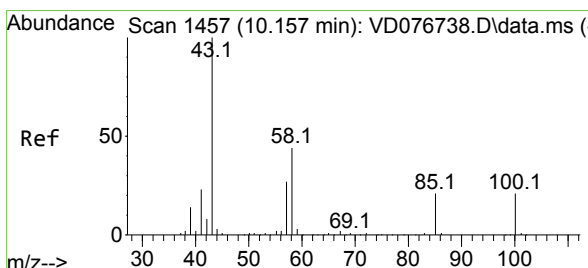
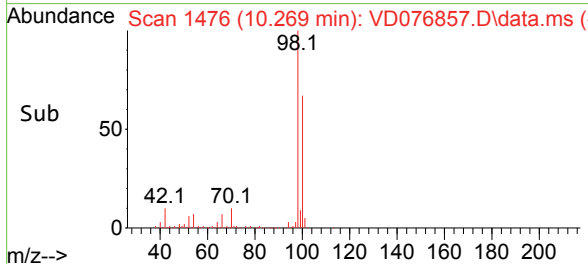
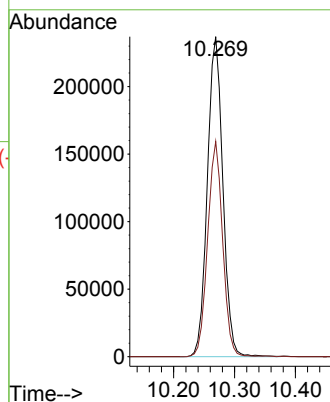
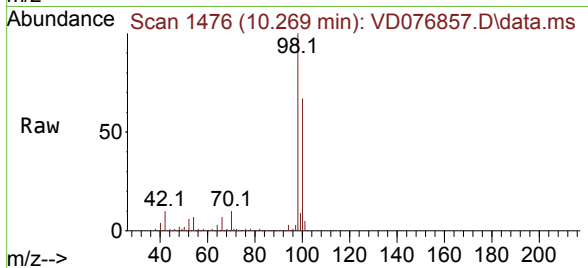
B-P16B

Tgt Ion: 98 Resp: 418664

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5



#51

4-Methyl-2-Pentanone

Concen: 1.180 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.106 min

Lab File: VD076857.D

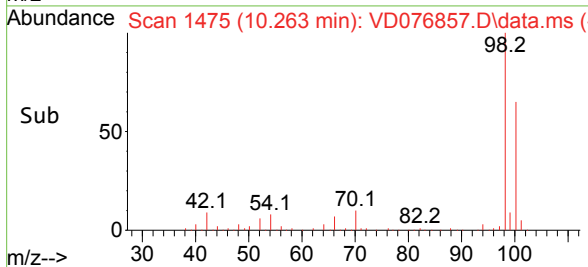
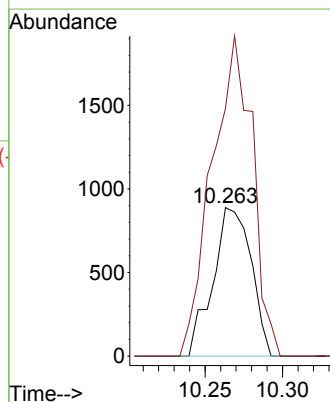
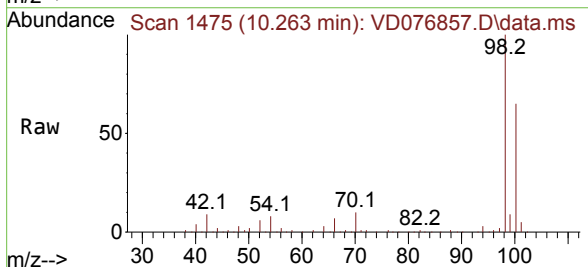
Acq: 28 Jul 2023 16:22

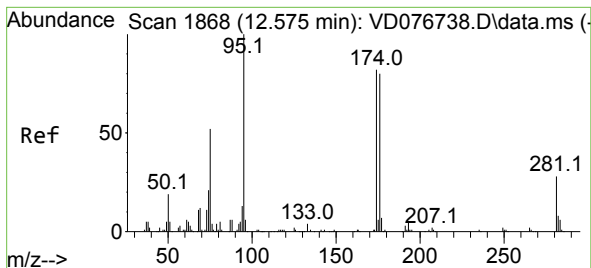
Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

43 100

58 228.5 38.9 58.3#

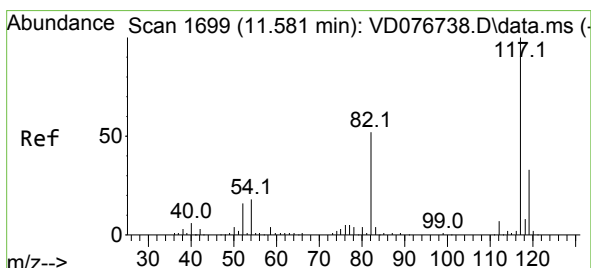
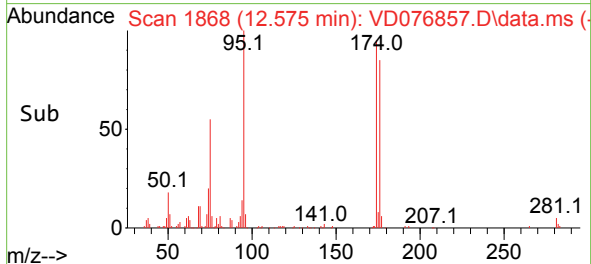
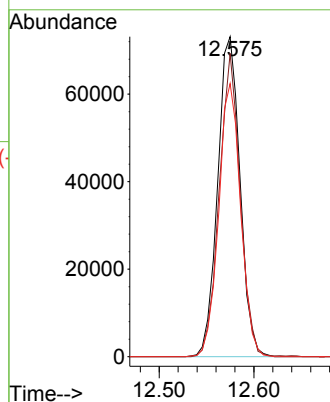
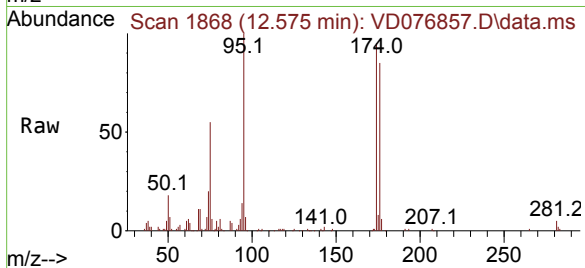




#62
4-Bromofluorobenzene
Concen: 48.657 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

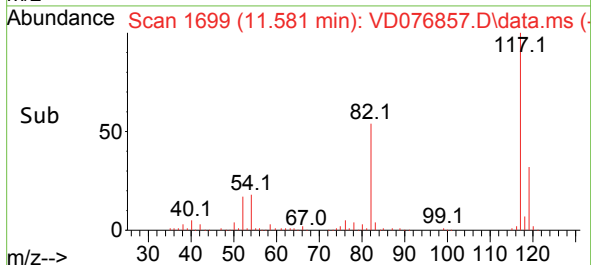
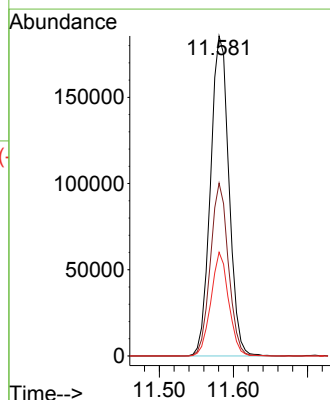
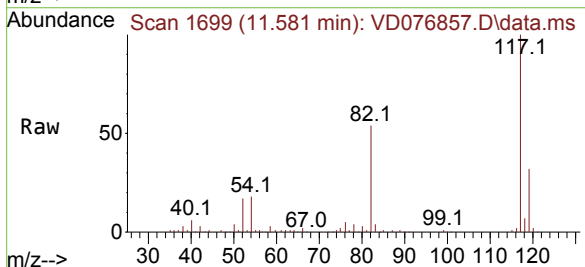
Instrument :
MSVOA_D
ClientSampleId :
B-P16B

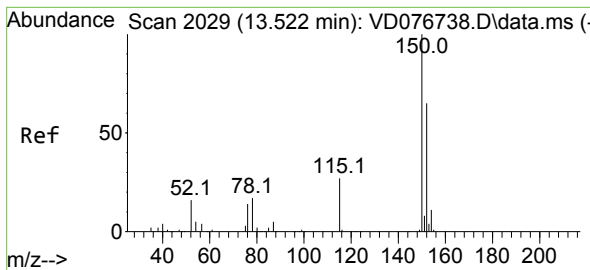
Tgt Ion: 95 Resp: 119765
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 84.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076857.D
Acq: 28 Jul 2023 16:22

Tgt Ion: 117 Resp: 320803
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 32.4 25.0 37.4

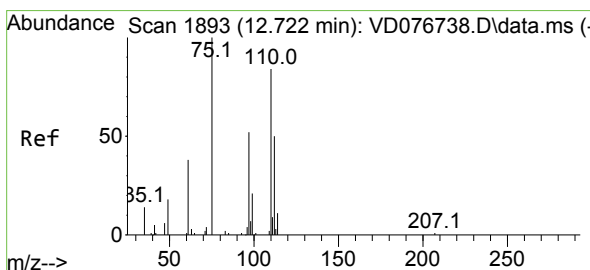
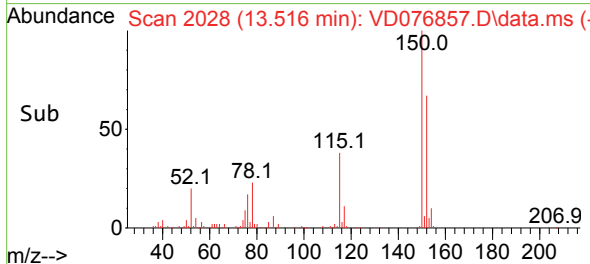
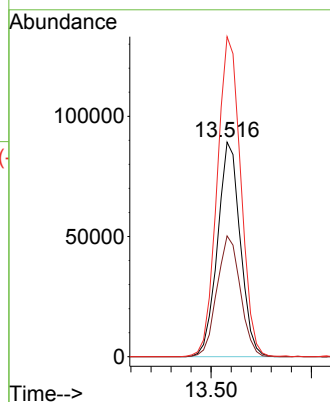
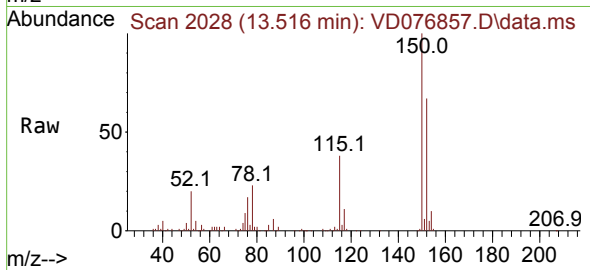




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076857.D
 Acq: 28 Jul 2023 16:22

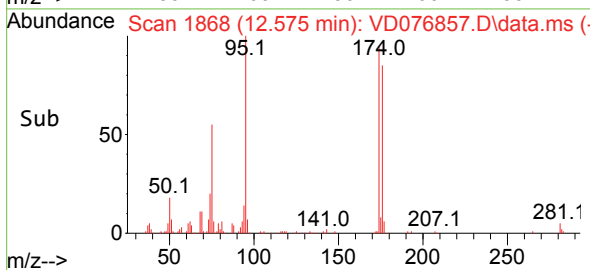
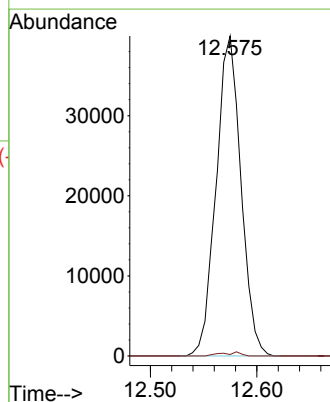
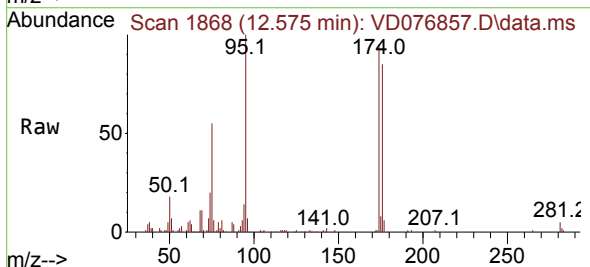
Instrument :
 MSVOA_D
 ClientSampleId :
 B-P16B

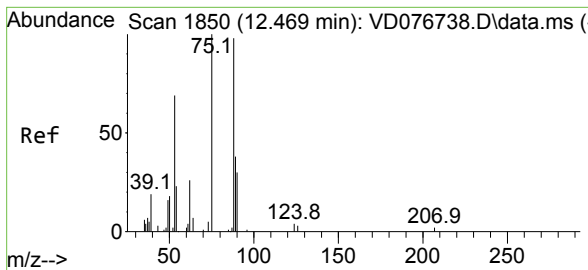
Tgt Ion:152 Resp: 140402
 Ion Ratio Lower Upper
 152 100
 115 57.9 27.1 81.3
 150 155.2 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.388 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076857.D
 Acq: 28 Jul 2023 16:22

Tgt Ion: 75 Resp: 64608
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.982 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076857.D
 Acq: 28 Jul 2023 16:22

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P16B

Tgt Ion: 75	Resp:	64608
Ion Ratio	Lower	Upper
75	100	
53	0.0	63.0 94.4#
89	0.1	37.9 56.9#

