

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076808.D
 Acq On : 26 Jul 2023 16:18
 Operator : KP/SY
 Sample : 03769-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

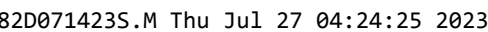
Quant Time: Jul 27 04:24:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

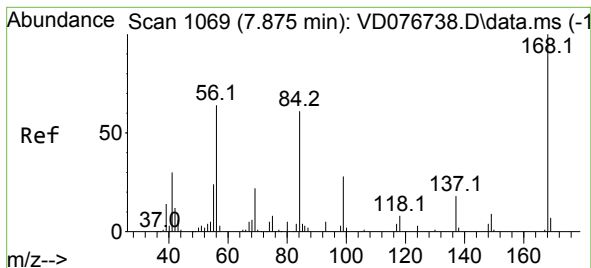
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	203594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	402497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	367151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104675	51.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.240%	
35) Dibromofluoromethane	7.805	113	129783	51.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.269	98	476724	52.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.575	95	134992	46.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.240%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.258	76	4704	1.001	ug/l #	76
20) Methylene Chloride	4.799	84	8269	Below Cal	#	93
25) 2-Butanone	7.069	43	1238	1.910	ug/l #	37
31) Cyclohexane	7.875	56	4046	1.356	ug/l #	24
36) 1,1-Dichloropropene	7.875	75	15526	4.698	ug/l #	47
38) Carbon Tetrachloride	7.875	117	20194	6.381	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	71042	47.948	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	71042	102.046	ug/l #	17

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

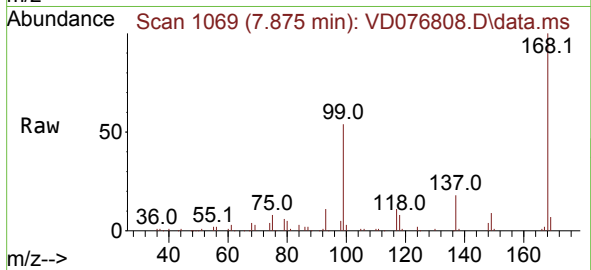
Quant Time: Jul 27 04:24:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



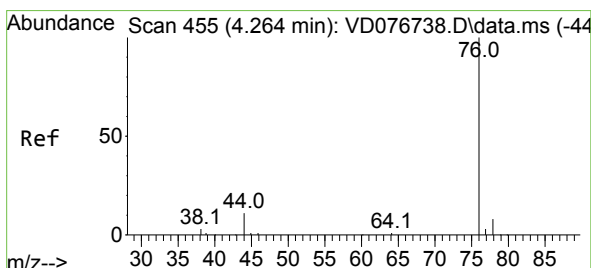
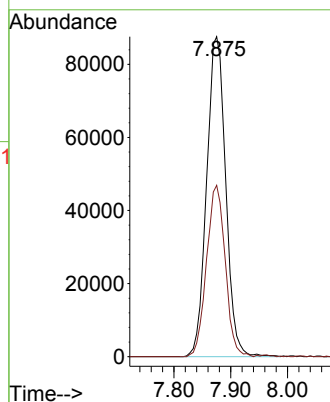
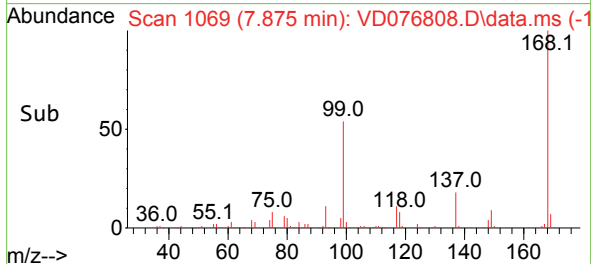


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

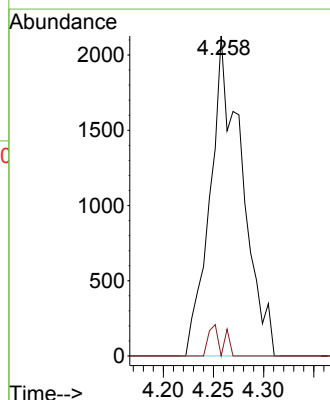
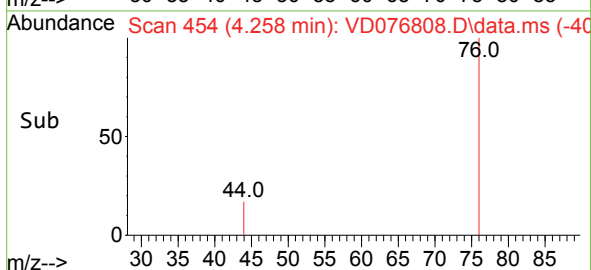
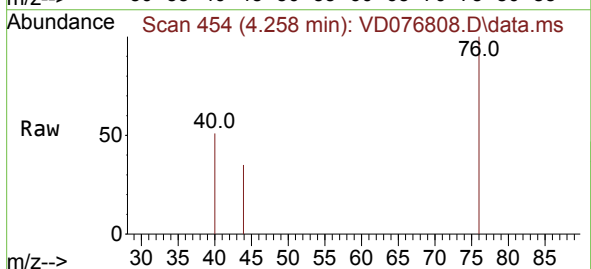


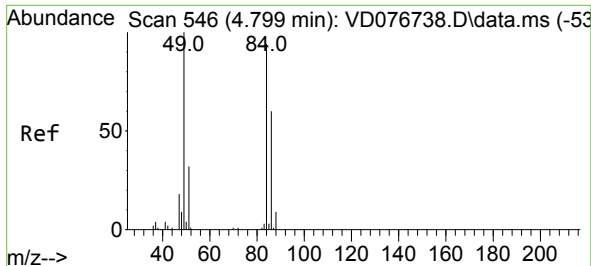
Tgt Ion:168 Resp: 203594
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#17
Carbon Disulfide
Concen: 1.001 ug/l
RT: 4.258 min Scan# 454
Delta R.T. -0.006 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

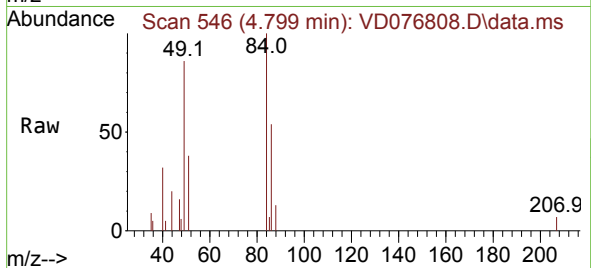
Tgt Ion: 76 Resp: 4704
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



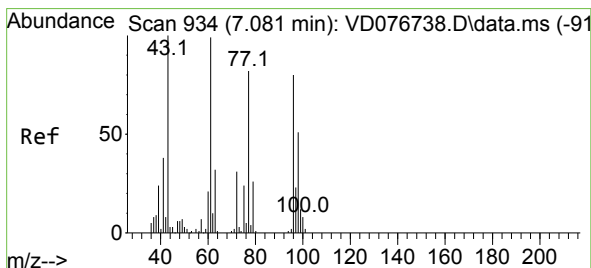
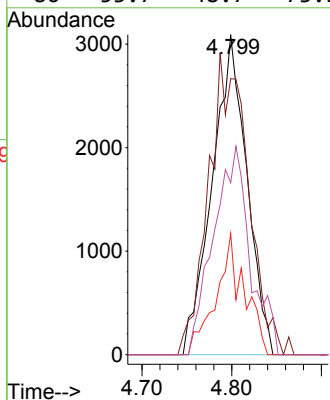
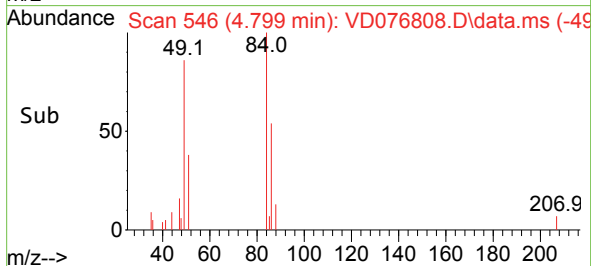


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

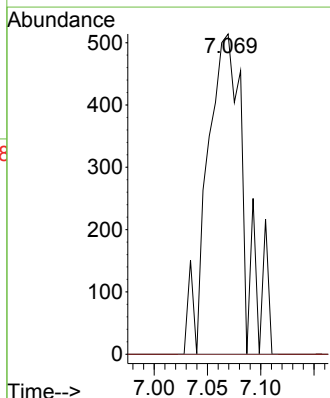
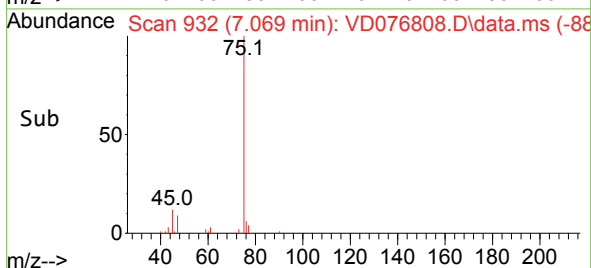
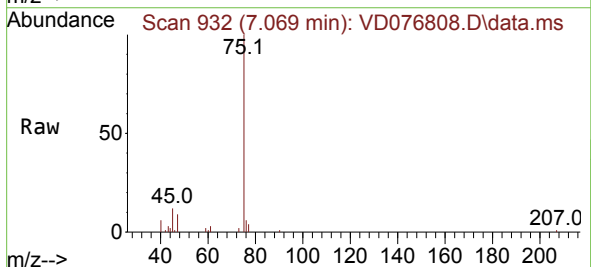


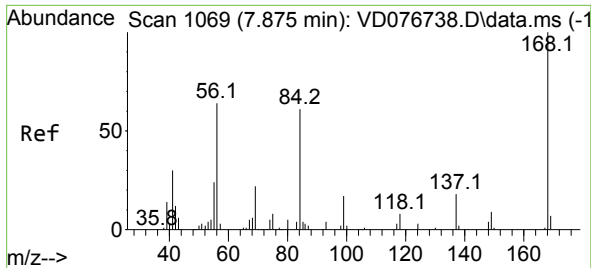
Tgt Ion: 84 Resp: 8269
Ion Ratio Lower Upper
84 100
49 86.3 71.4 107.2
51 37.9 24.5 36.7#
86 53.7 48.7 73.1



#25
2-Butanone
Concen: 1.910 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

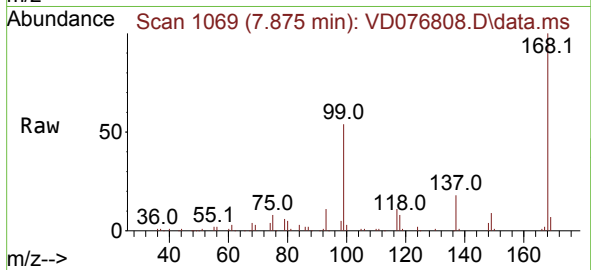
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



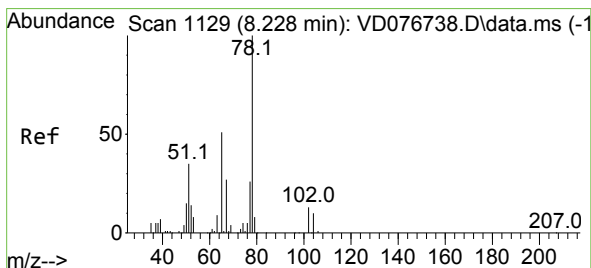
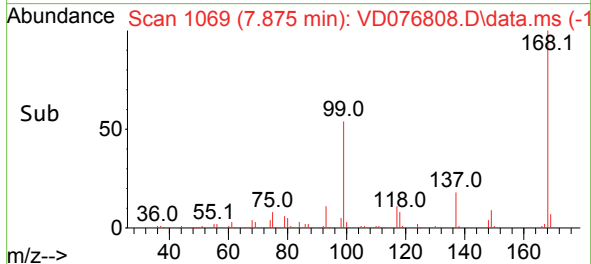
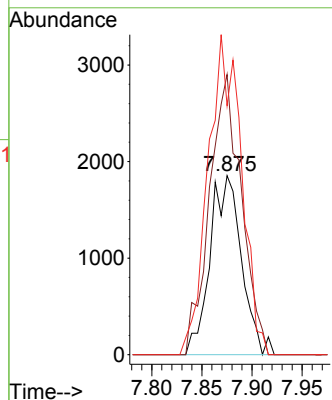


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

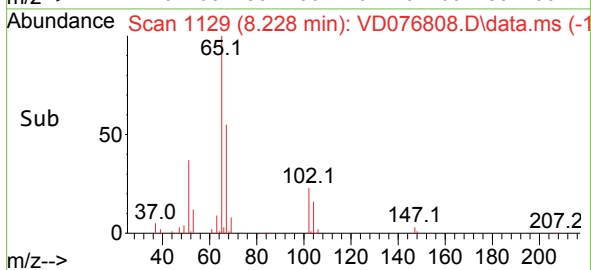
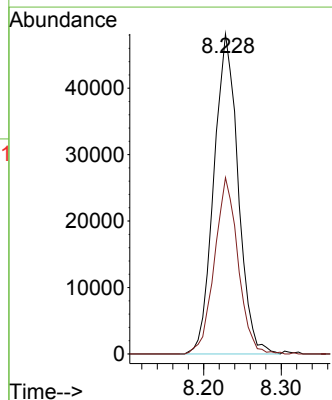
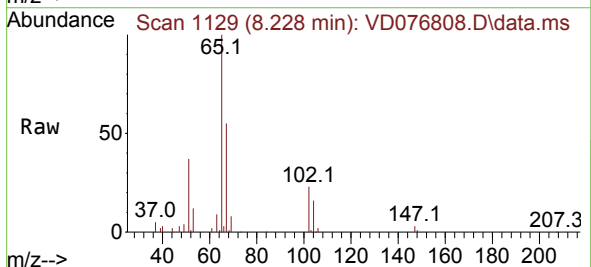


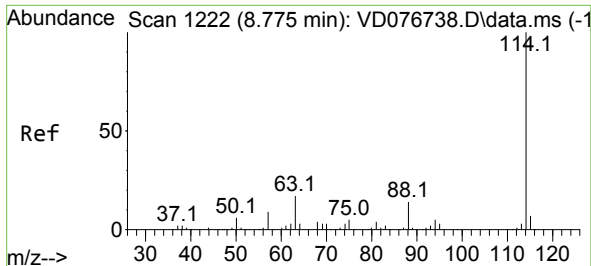
Tgt Ion: 56 Resp: 4046
Ion Ratio Lower Upper
56 100
69 156.4 28.6 43.0#
84 139.0 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 51.618 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Tgt Ion: 65 Resp: 104675
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076808.D

Acq: 26 Jul 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :

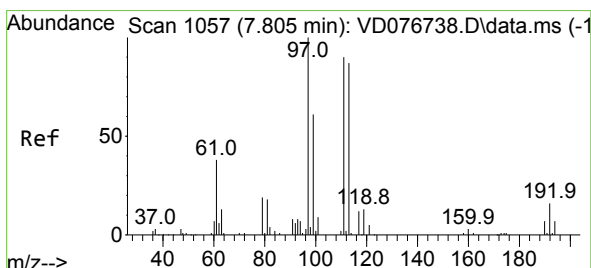
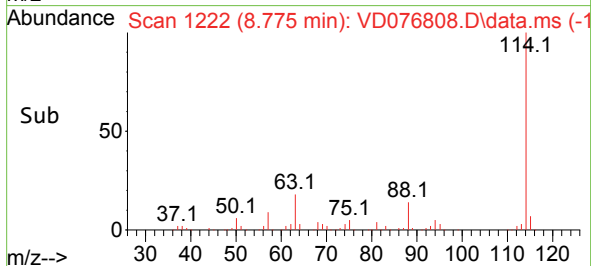
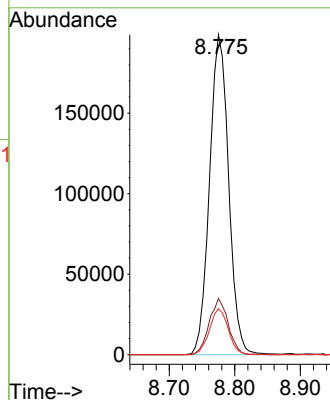
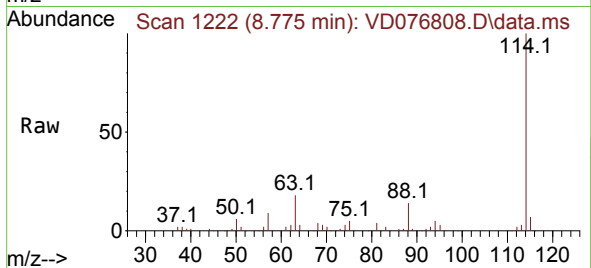
Tgt Ion:114 Resp: 402497

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.311 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076808.D

Acq: 26 Jul 2023 16:18

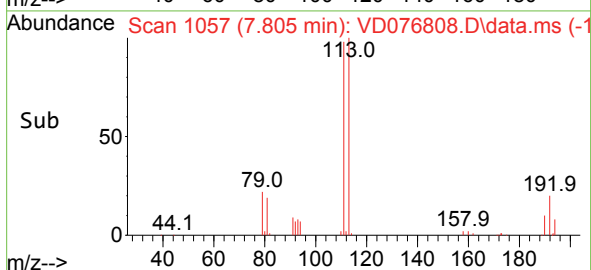
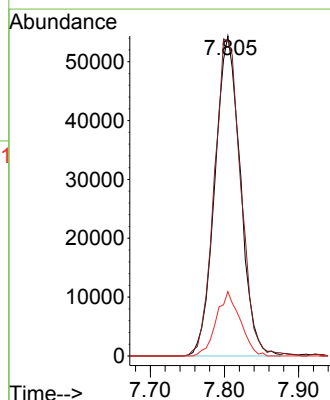
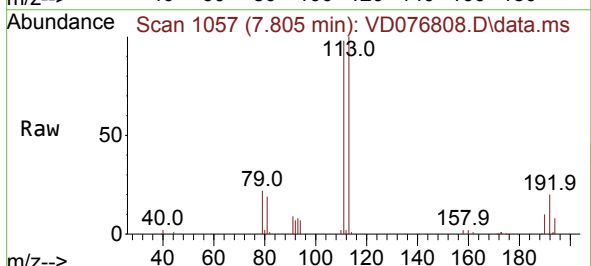
Tgt Ion:113 Resp: 129783

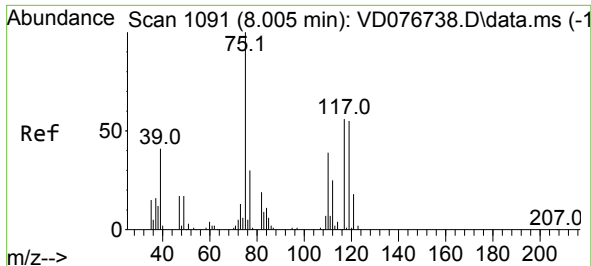
Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 18.8 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

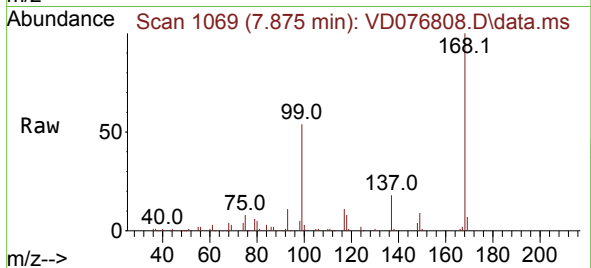
Lab File: VD076808.D

Acq: 26 Jul 2023 16:18

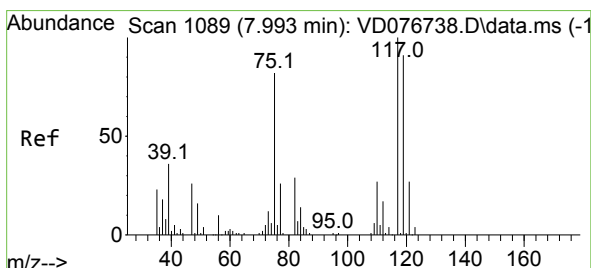
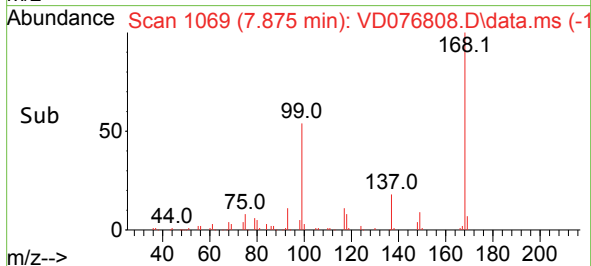
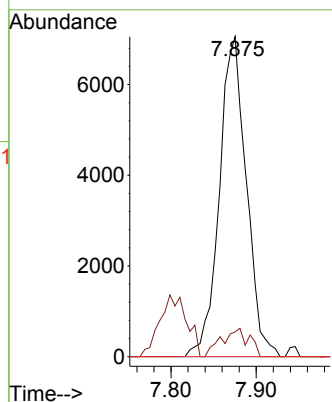
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	15526
Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.381 ug/l

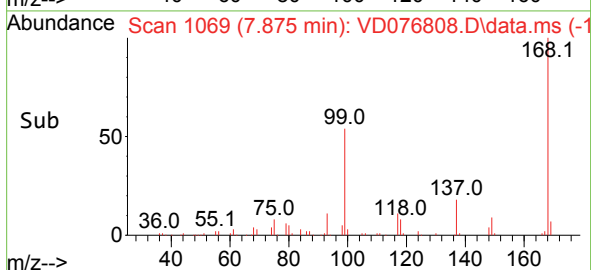
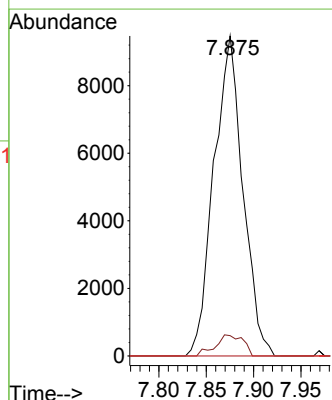
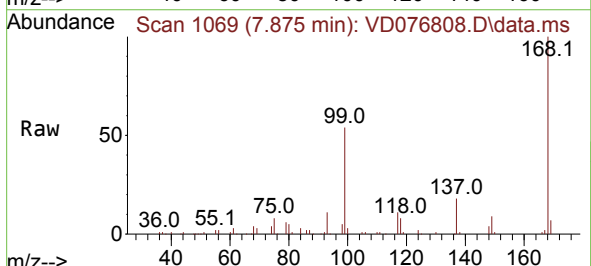
RT: 7.875 min Scan# 1069

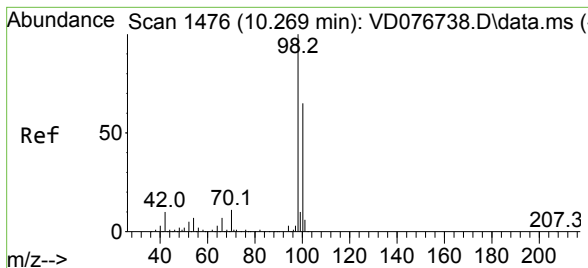
Delta R.T. -0.118 min

Lab File: VD076808.D

Acq: 26 Jul 2023 16:18

Tgt Ion:	117	Resp:	20194
Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.0	117.0#
121	0.0	24.2	36.2#

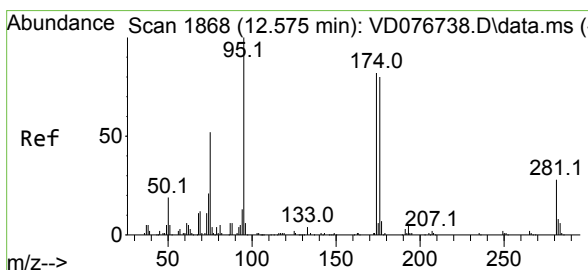
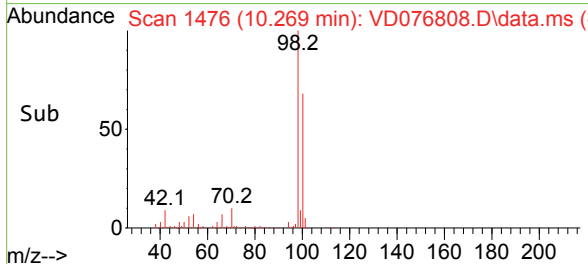
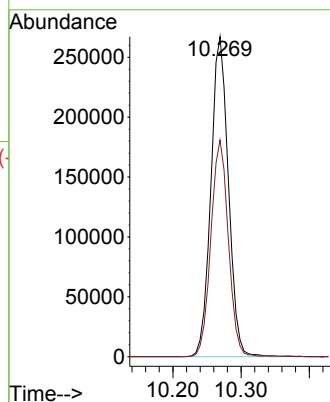
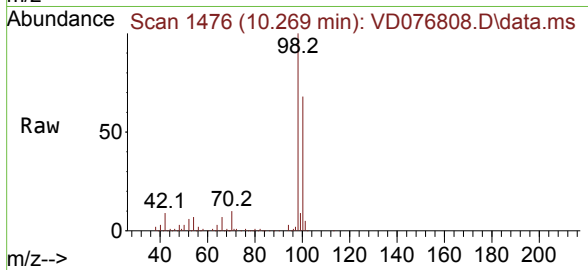




#50
Toluene-d8
Concen: 52.686 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

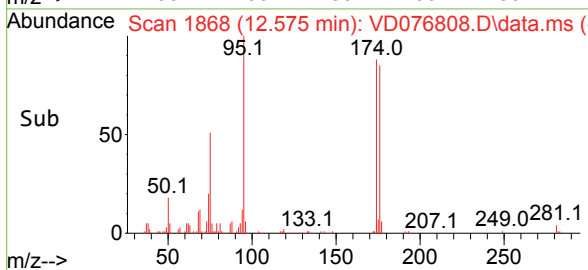
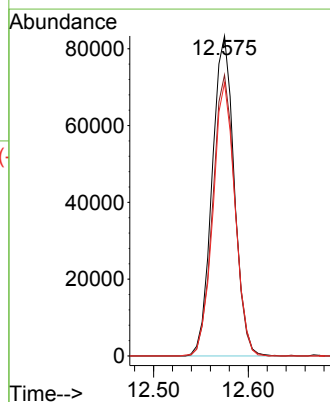
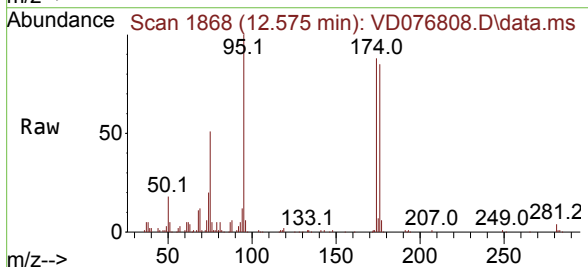
Instrument :
MSVOA_D
ClientSampleId :

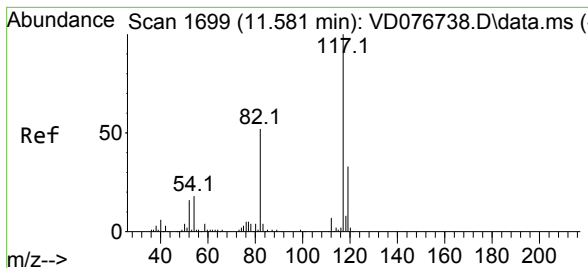
Tgt Ion: 98 Resp: 476724
Ion Ratio Lower Upper
98 100
100 67.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.117 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Tgt Ion: 95 Resp: 134992
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 84.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

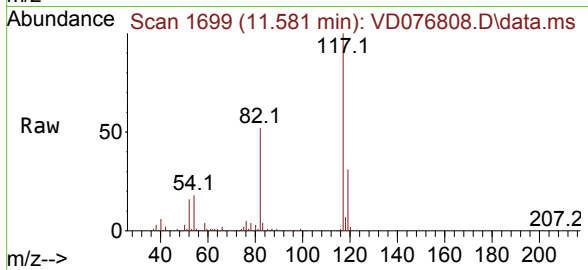
Lab File: VD076808.D

Acq: 26 Jul 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :



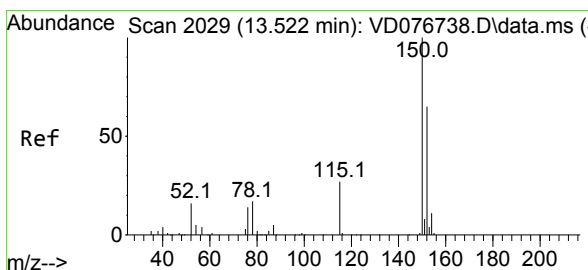
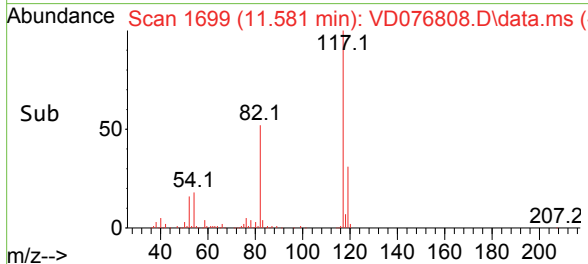
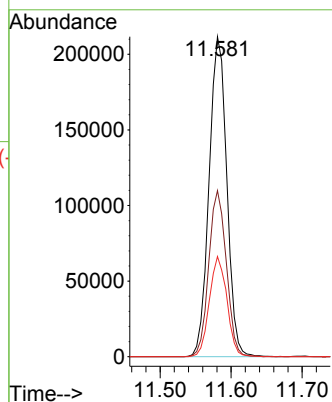
Tgt Ion:117 Resp: 367151

Ion Ratio Lower Upper

117 100

82 51.9 38.3 57.5

119 31.3 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076808.D

Acq: 26 Jul 2023 16:18

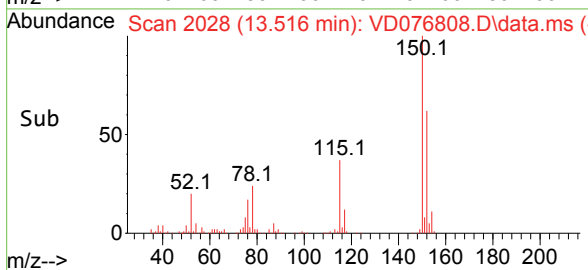
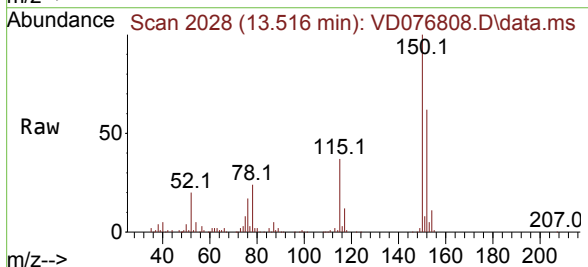
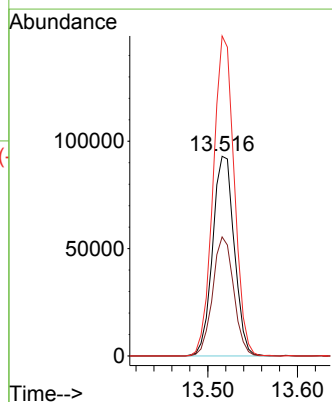
Tgt Ion:152 Resp: 155800

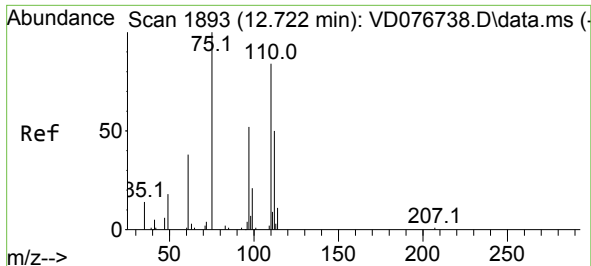
Ion Ratio Lower Upper

152 100

115 58.0 27.1 81.3

150 156.0 0.0 353.6

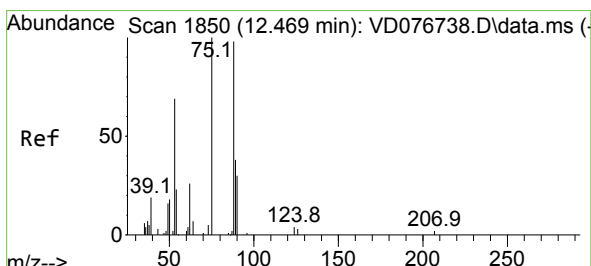
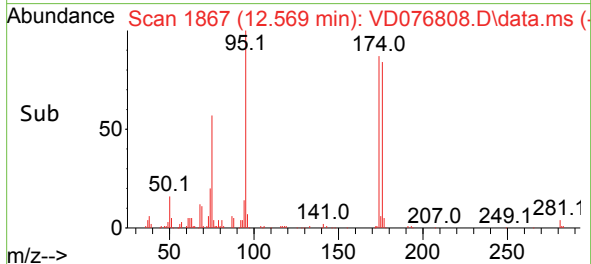
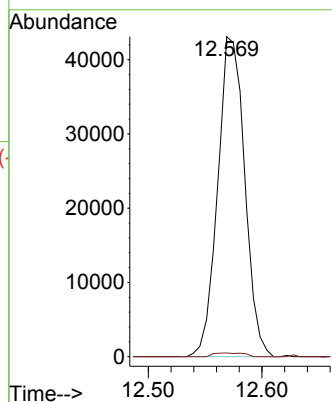
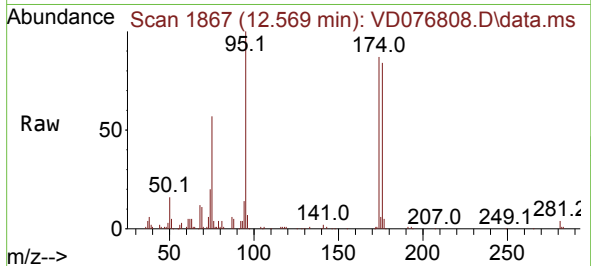




#76
1,2,3-Trichloropropane
Concen: 47.948 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 71042
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.046 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076808.D
Acq: 26 Jul 2023 16:18

Tgt Ion: 75 Resp: 71042
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

