

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076767.D
 Acq On : 18 Jul 2023 10:09
 Operator : KP/SY
 Sample : VD0718SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBL01

Quant Time: Jul 19 06:40:06 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)

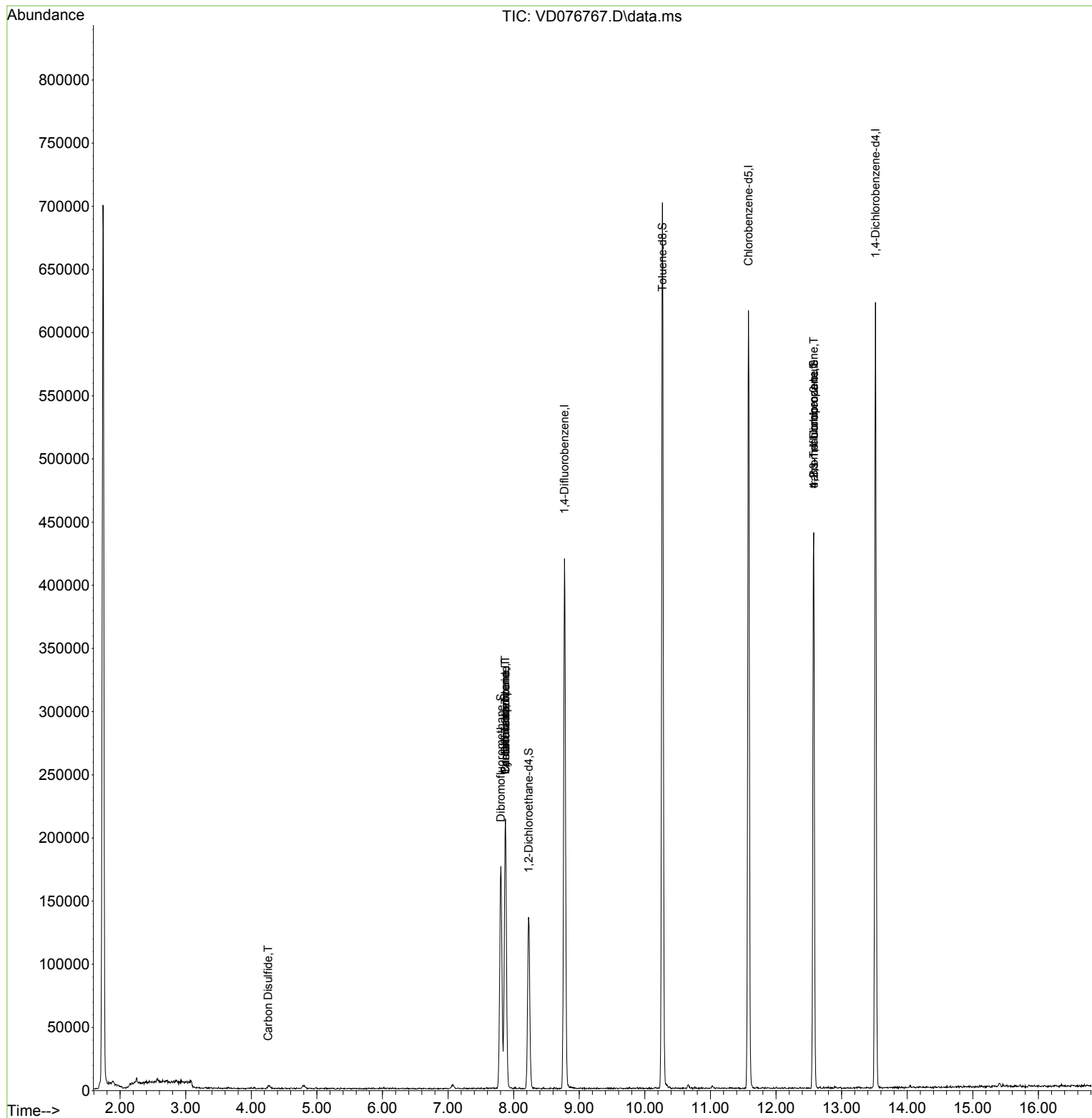
Internal Standards						
1) Pentafluorobenzene	7.875	168	163878	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	390285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	373979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103442	63.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.740%	
35) Dibromofluoromethane	7.804	113	128884	52.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.100%	
50) Toluene-d8	10.269	98	484204	55.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.575	95	139358	49.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.200%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.258	76	4814	1.273	ug/l	# 90
20) Methylene Chloride	4.787	84	1759	Below Cal	#	65
31) Cyclohexane	7.875	56	3740	1.557	ug/l	# 17
36) 1,1-Dichloropropene	7.875	75	13667	4.264	ug/l	# 49
38) Carbon Tetrachloride	7.875	117	17056	5.558	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	72605	47.737	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	72605	101.596	ug/l	# 17

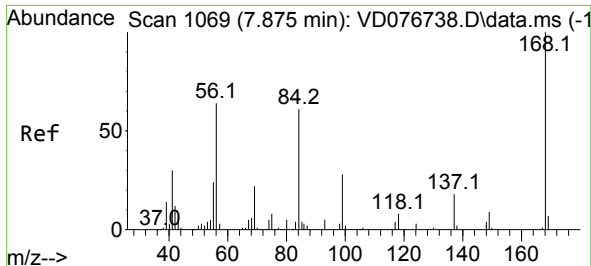
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

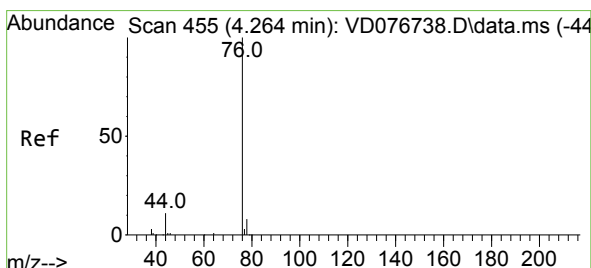
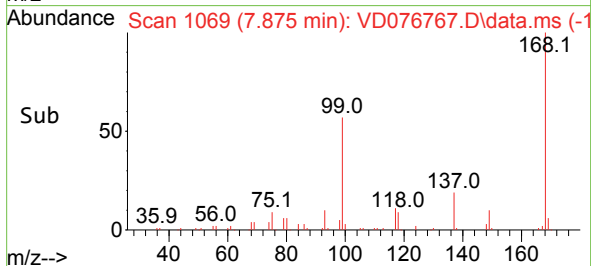
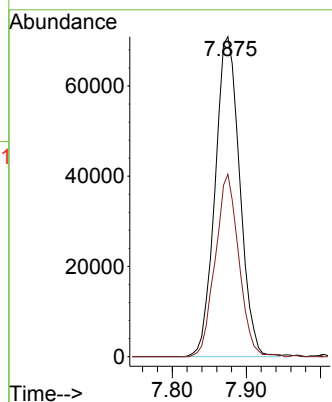
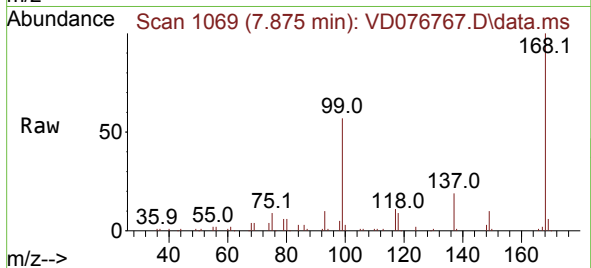




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

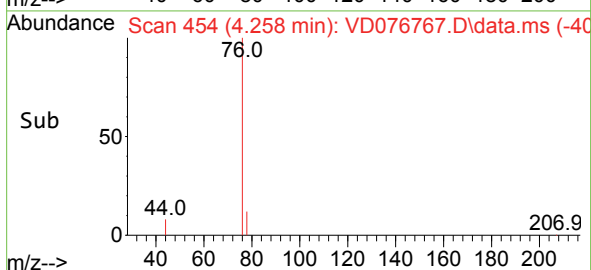
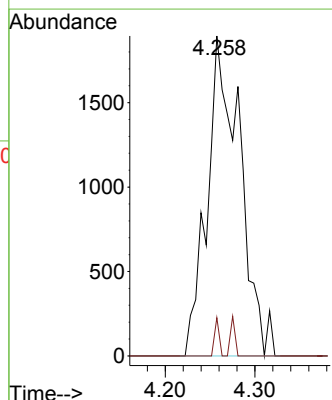
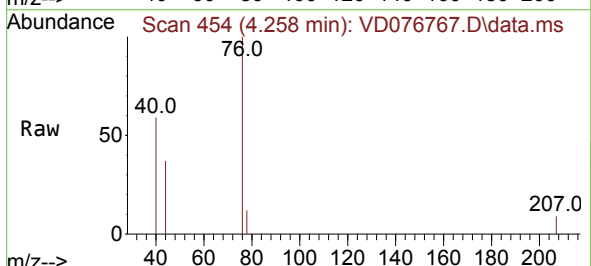
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBL01

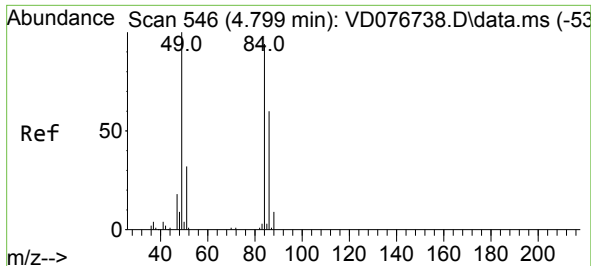
Tgt Ion:168 Resp: 163878
Ion Ratio Lower Upper
168 100
99 57.0 36.7 55.1#



#17
Carbon Disulfide
Concen: 1.273 ug/l
RT: 4.258 min Scan# 454
Delta R.T. -0.006 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

Tgt Ion: 76 Resp: 4814
Ion Ratio Lower Upper
76 100
78 11.9 6.8 10.2#

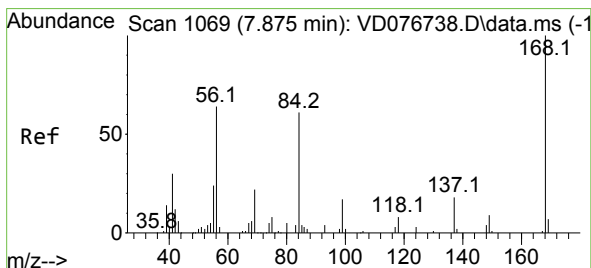
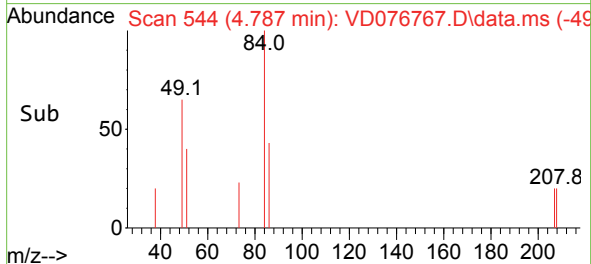
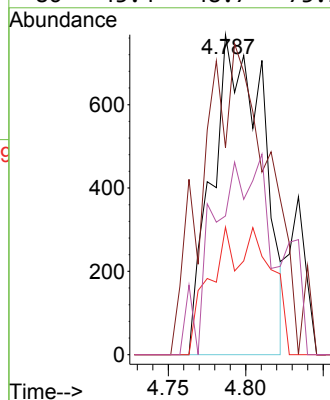
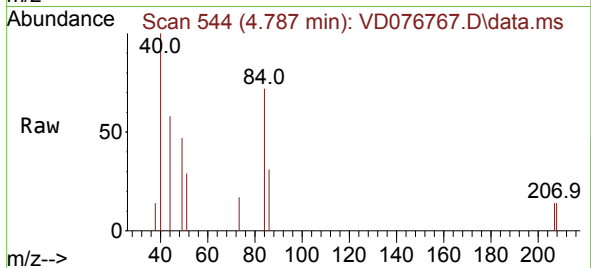




#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

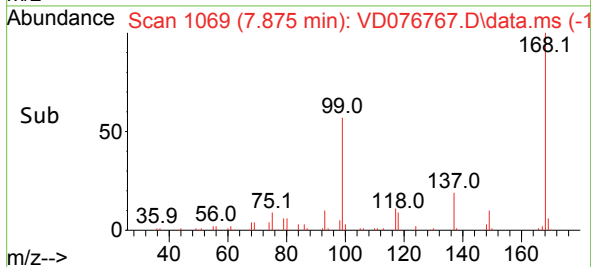
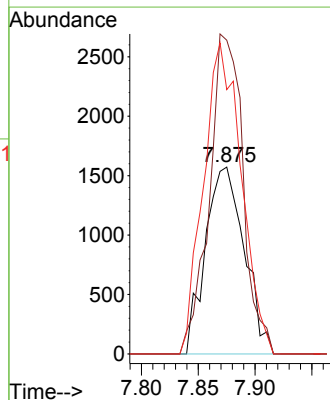
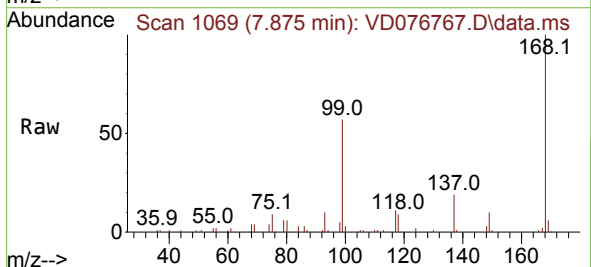
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBL01

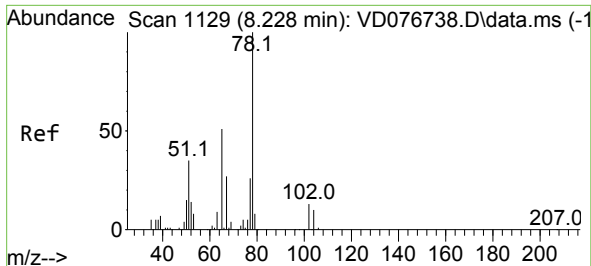
Tgt Ion:	84	Resp:	1759
Ion	Ratio	Lower	Upper
84	100		
49	43.4	71.4	107.2#
51	39.8	24.5	36.7#
86	43.4	48.7	73.1#



#31
Cyclohexane
Concen: 1.557 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

Tgt Ion:	56	Resp:	3740
Ion	Ratio	Lower	Upper
56	100		
69	167.9	28.6	43.0#
84	141.5	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 63.373 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076767.D

Acq: 18 Jul 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :

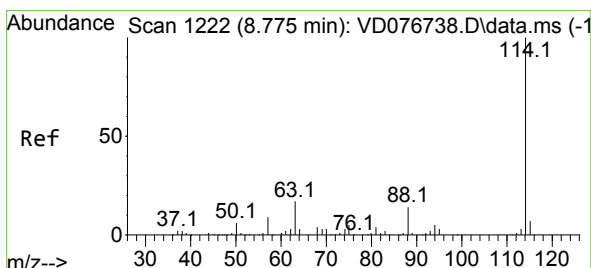
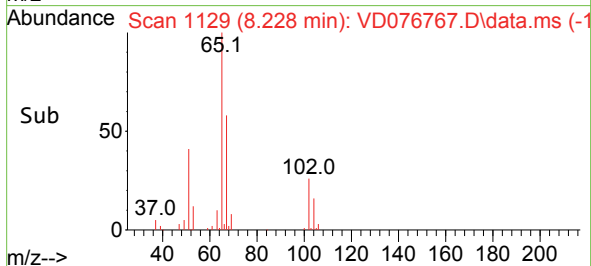
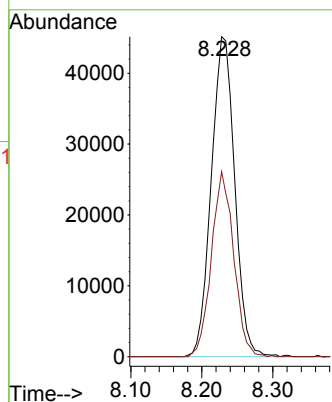
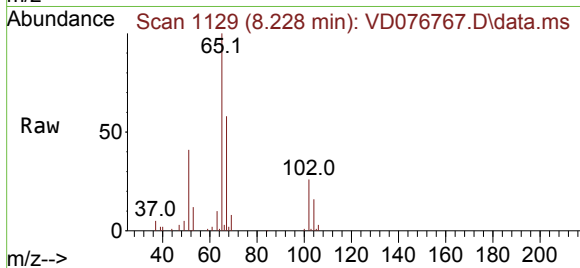
VD0718SBL01

Tgt Ion: 65 Resp: 103442

Ion Ratio Lower Upper

65 100

67 55.1 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: VD076767.D

Acq: 18 Jul 2023 10:09

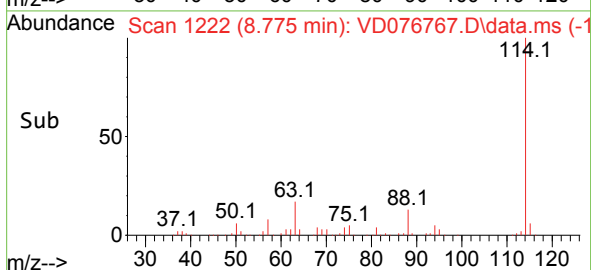
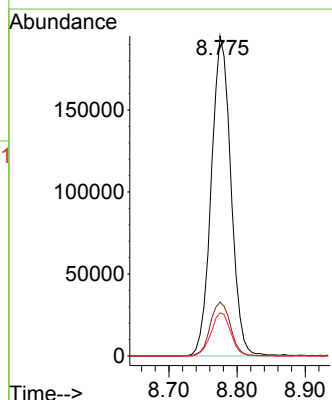
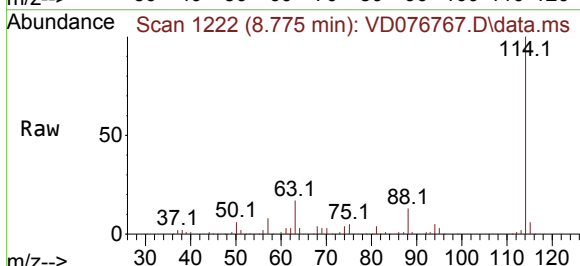
Tgt Ion: 114 Resp: 390285

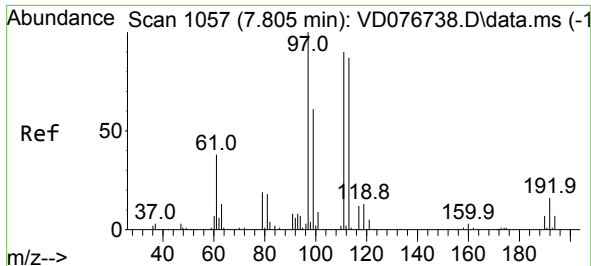
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.550 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076767.D

Acq: 18 Jul 2023 10:09

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBL01

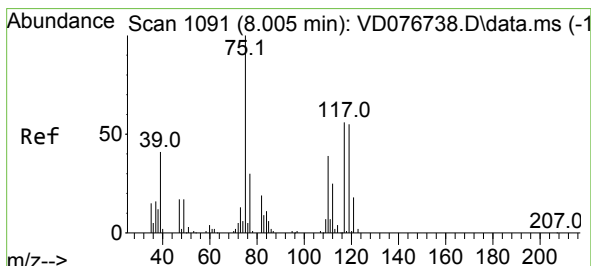
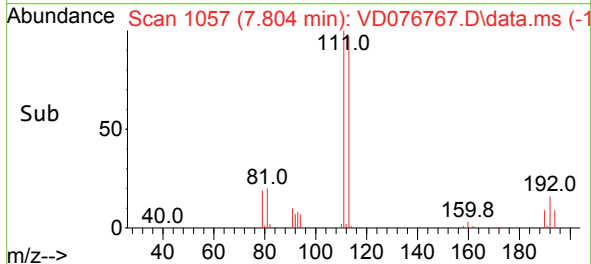
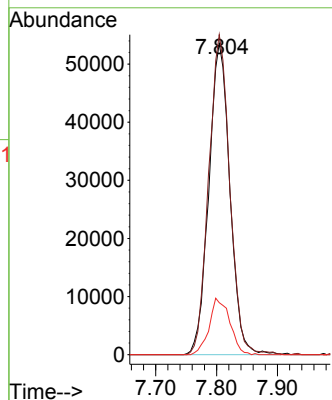
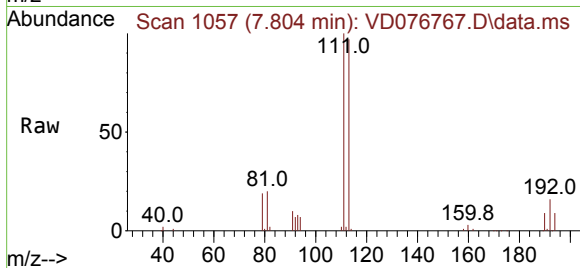
Tgt Ion:113 Resp: 128884

Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 17.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.264 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076767.D

Acq: 18 Jul 2023 10:09

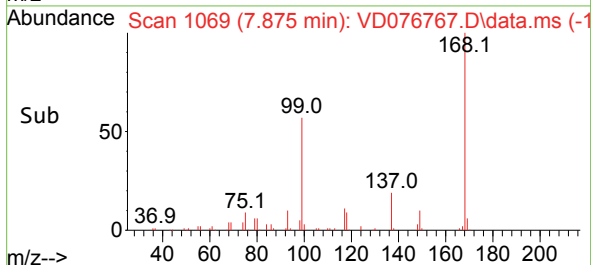
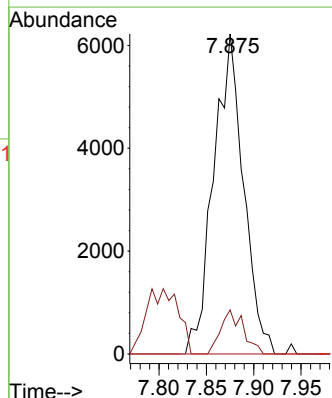
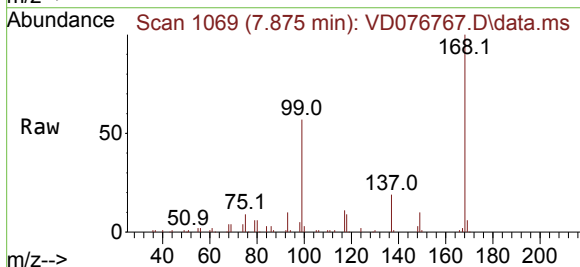
Tgt Ion: 75 Resp: 13667

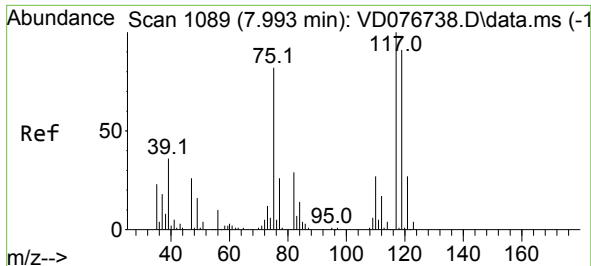
Ion Ratio Lower Upper

75 100

110 10.4 19.9 59.6#

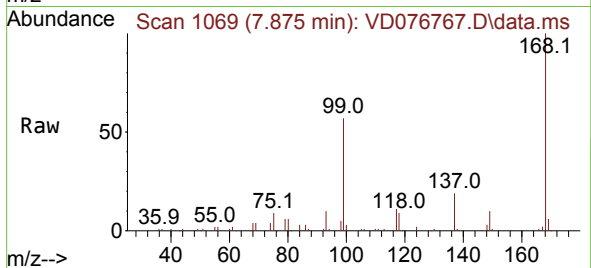
77 0.0 24.7 37.1#



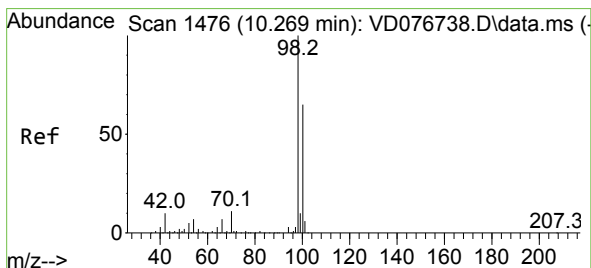
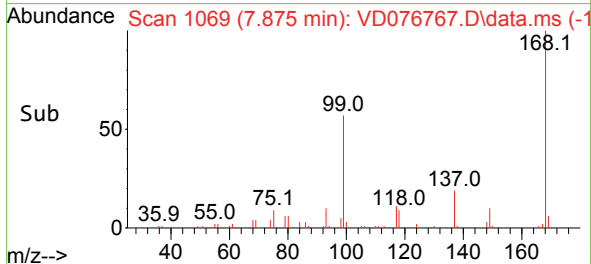
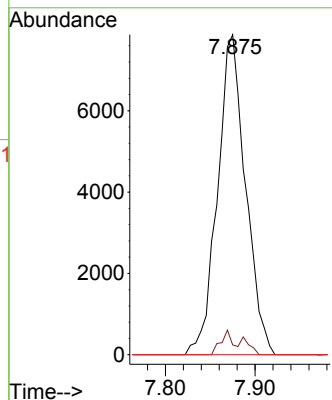


#38
Carbon Tetrachloride
Concen: 5.558 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBL01

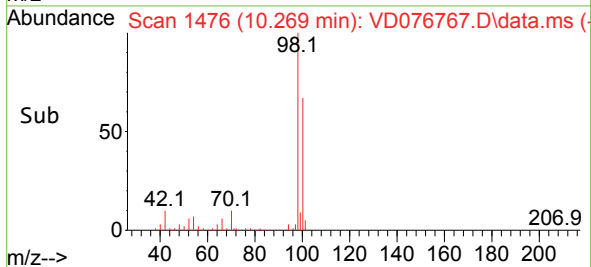
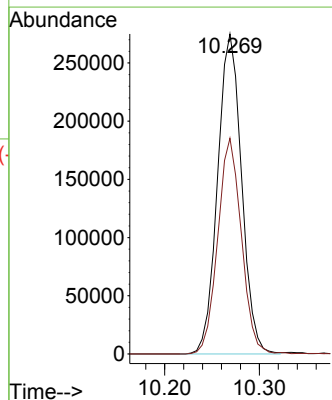
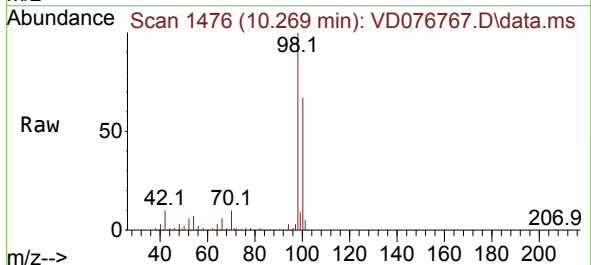


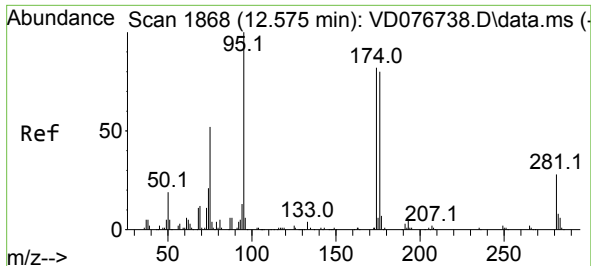
Tgt Ion:117 Resp: 17056
Ion Ratio Lower Upper
117 100
119 3.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.187 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

Tgt Ion: 98 Resp: 484204
Ion Ratio Lower Upper
98 100
100 66.4 50.3 75.5

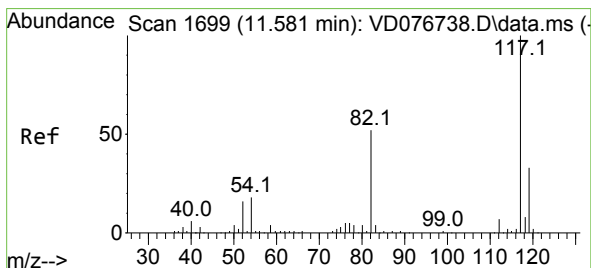
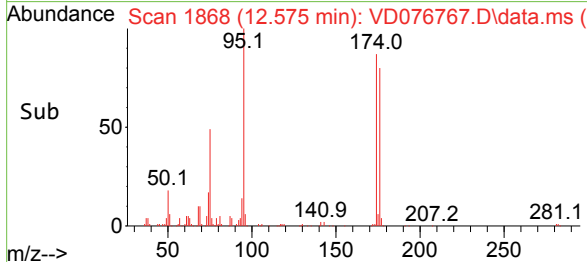
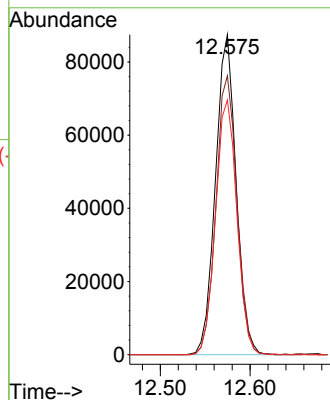
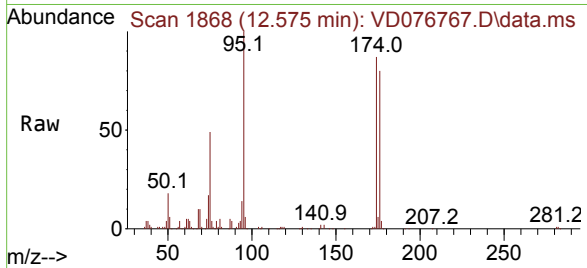




#62
4-Bromofluorobenzene
Concen: 49.099 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

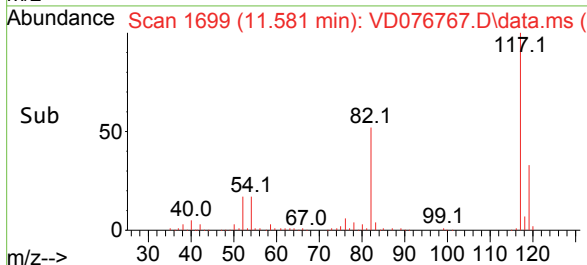
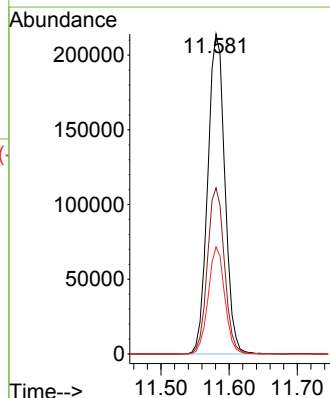
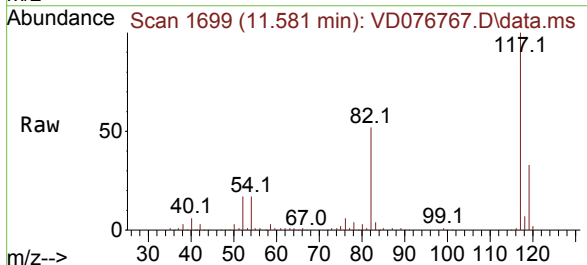
Instrument :
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ClientSampleId :
VD0718SBL01

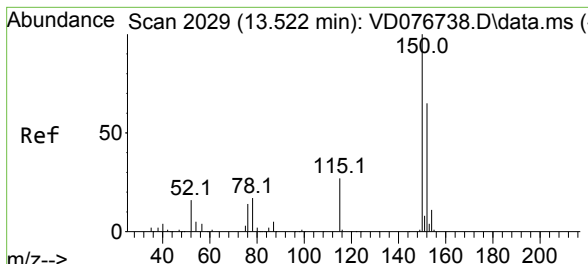
Tgt Ion: 95 Resp: 139358
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 82.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076767.D
Acq: 18 Jul 2023 10:09

Tgt Ion: 117 Resp: 373979
Ion Ratio Lower Upper
117 100
82 51.9 38.3 57.5
119 33.4 25.0 37.4

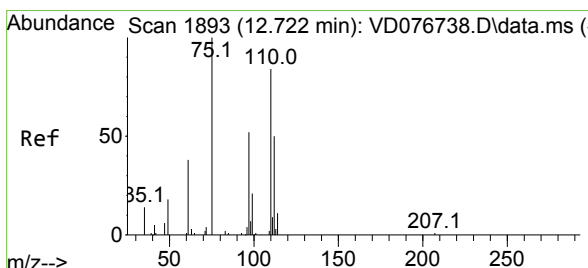
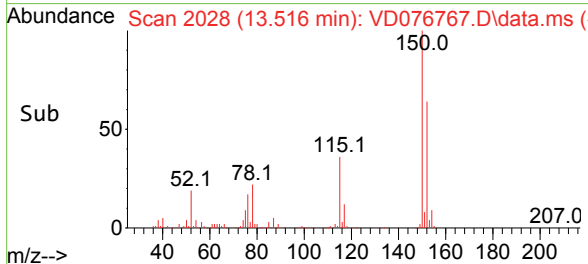
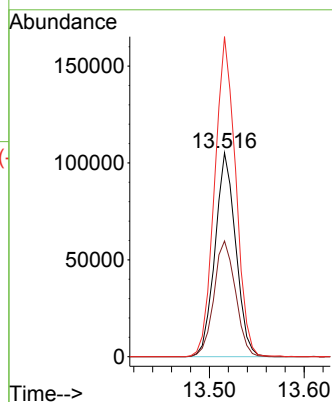
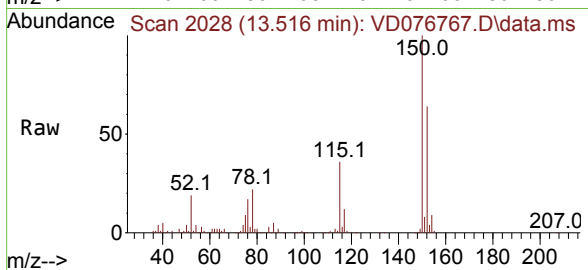




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076767.D
 Acq: 18 Jul 2023 10:09

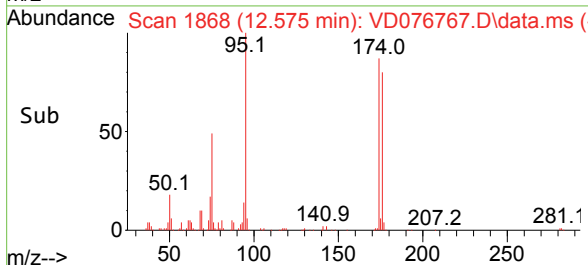
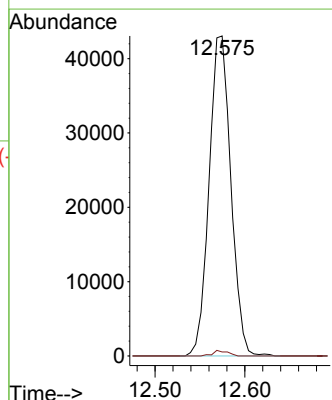
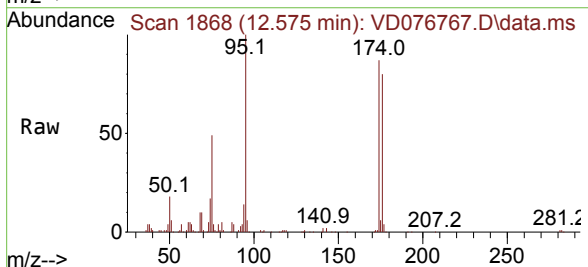
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBL01

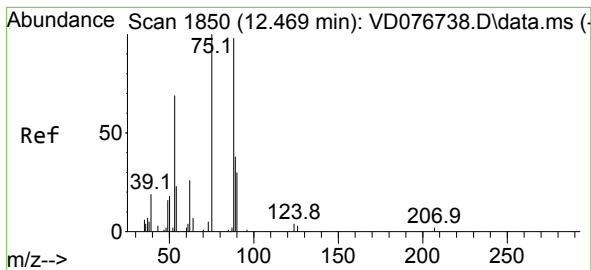
Tgt Ion:152 Resp: 159933
 Ion Ratio Lower Upper
 152 100
 115 59.1 27.1 81.3
 150 159.6 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 47.737 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076767.D
 Acq: 18 Jul 2023 10:09

Tgt Ion: 75 Resp: 72605
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.596 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076767.D
 Acq: 18 Jul 2023 10:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBL01

Tgt Ion:	75	Resp:	72605
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

