

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076773.D
 Acq On : 18 Jul 2023 12:56
 Operator : KP/SY
 Sample : 03654-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12016

Quant Time: Jul 19 06:42:12 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)

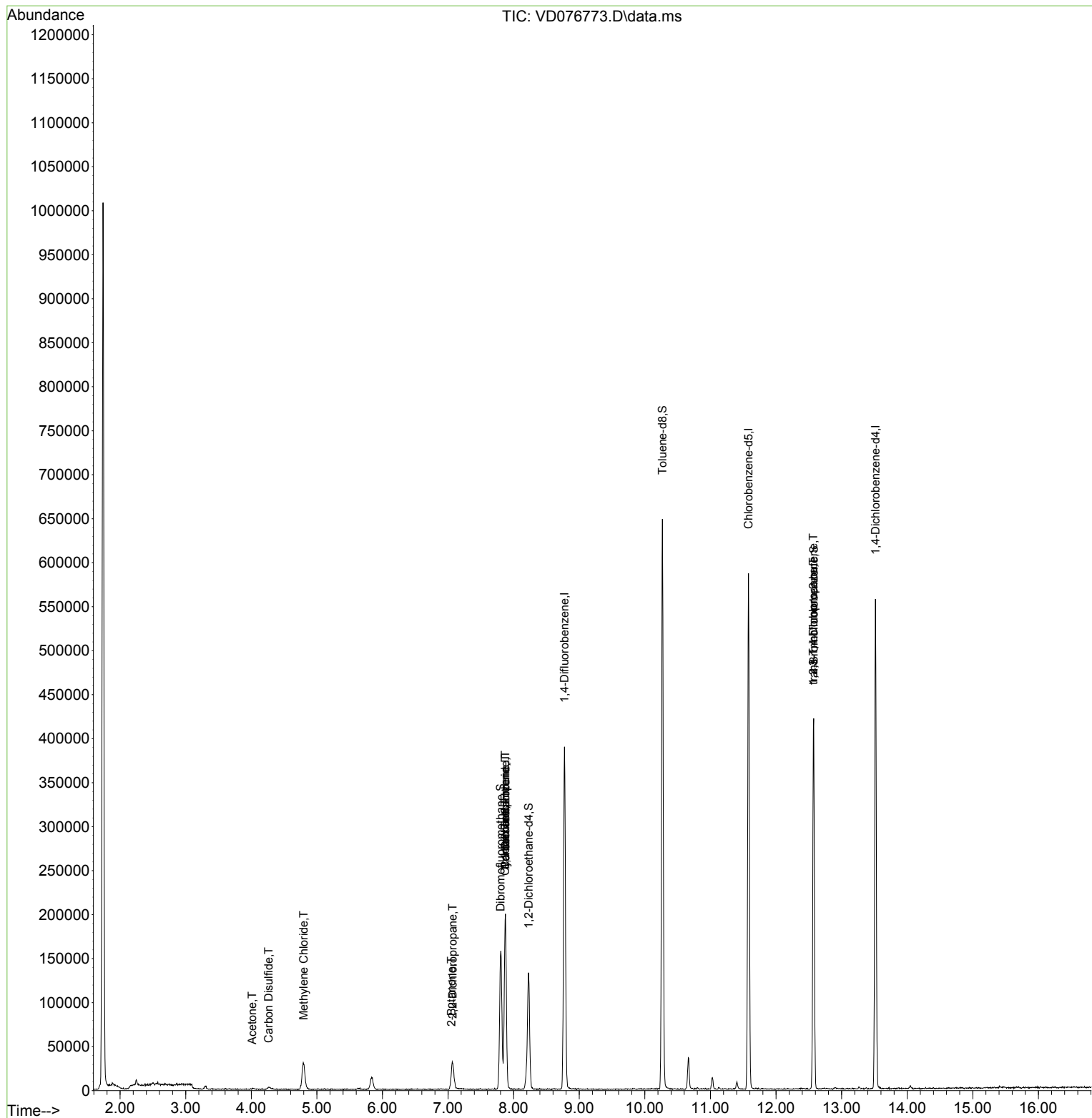
Internal Standards						
1) Pentafluorobenzene	7.875	168	149773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	358518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	346278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98026	65.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.420%	
35) Dibromofluoromethane	7.799	113	117944	52.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.700%	
50) Toluene-d8	10.269	98	450448	55.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.575	95	129930	49.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	400	1.123	ug/l	# 32
17) Carbon Disulfide	4.263	76	3927	1.136	ug/l	# 95
20) Methylene Chloride	4.799	84	24349	1.484	ug/l	88
25) 2-Butanone	7.052	43	642	1.346	ug/l	# 37
26) 2,2-Dichloropropane	7.069	77	2971	1.110	ug/l	# 49
31) Cyclohexane	7.869	56	3772	1.718	ug/l	# 40
36) 1,1-Dichloropropene	7.875	75	11534	3.918	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	15739	5.583	ug/l	# 15
76) 1,2,3-Trichloropropane	12.569	75	68068	49.511	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	68068	105.371	ug/l	# 17

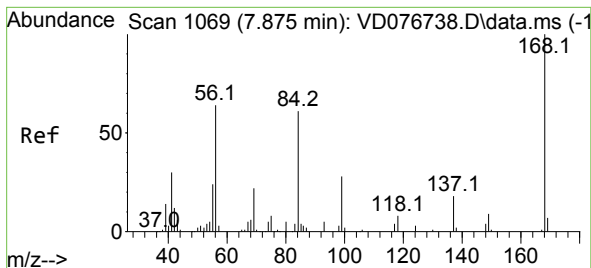
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
Data File : VD076773.D
Acq On : 18 Jul 2023 12:56
Operator : KP/SY
Sample : 03654-01
Misc : 5.05G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-12016

Quant Time: Jul 19 06:42:12 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: VD076773.D

Acq: 18 Jul 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

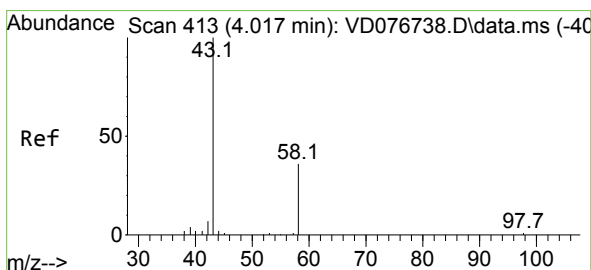
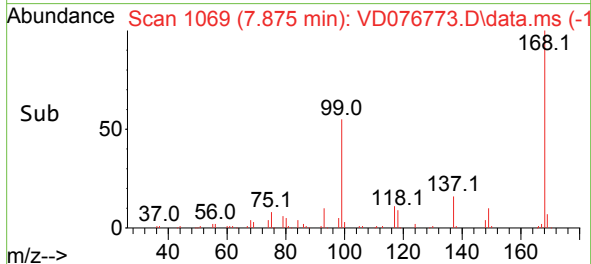
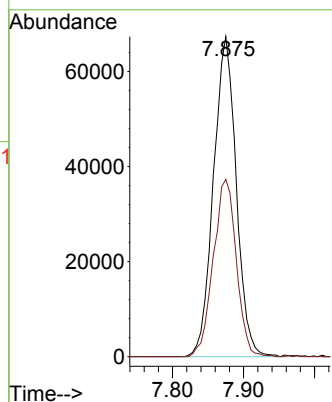
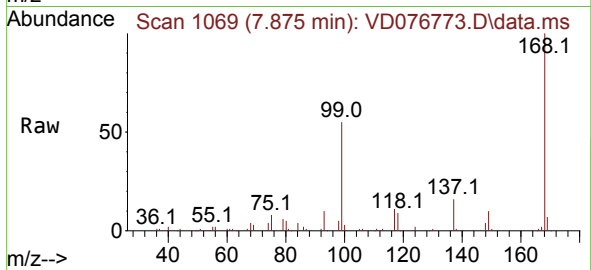
72-12016

Tgt Ion:168 Resp: 149773

Ion Ratio Lower Upper

168 100

99 55.4 36.7 55.1#



#16

Acetone

Concen: 1.123 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.001 min

Lab File: VD076773.D

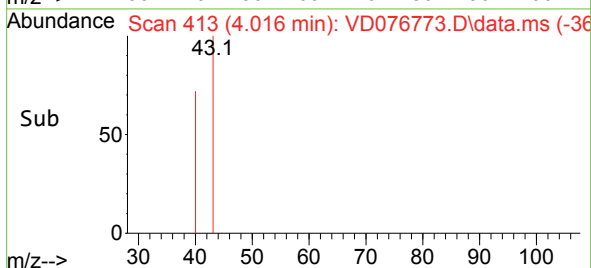
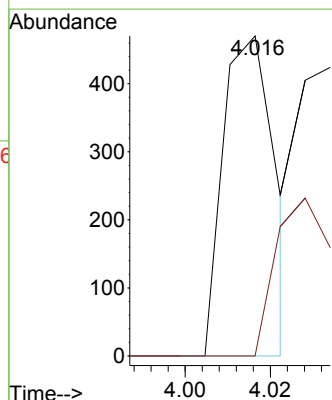
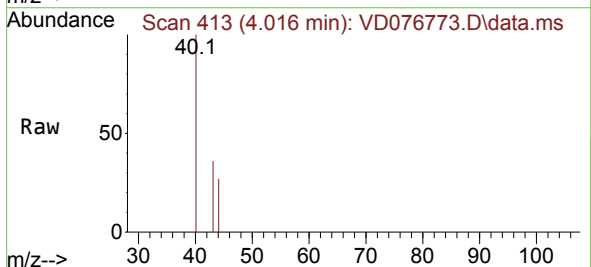
Acq: 18 Jul 2023 12:56

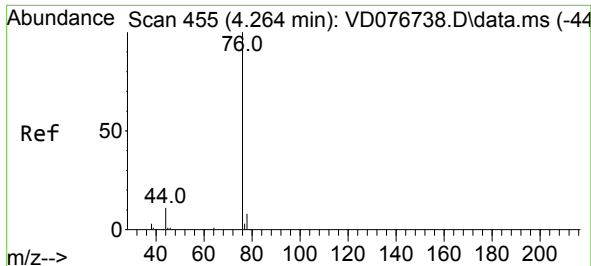
Tgt Ion: 43 Resp: 400

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

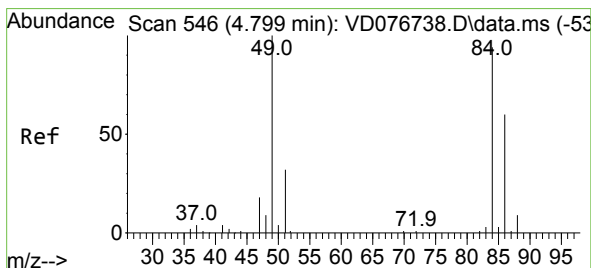
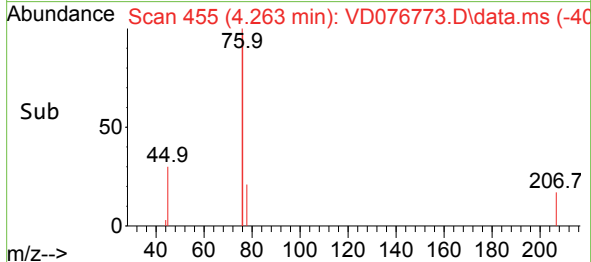
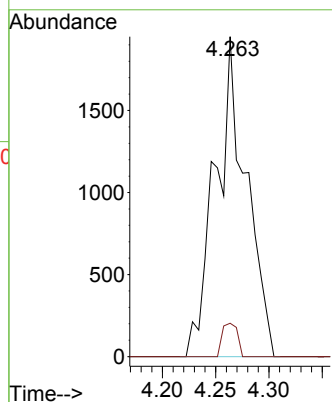
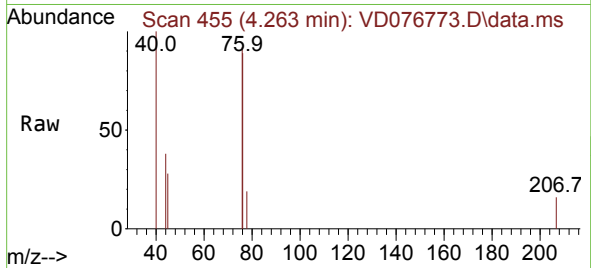




#17
Carbon Disulfide
Concen: 1.136 ug/l
RT: 4.263 min Scan# 417
Delta R.T. -0.001 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

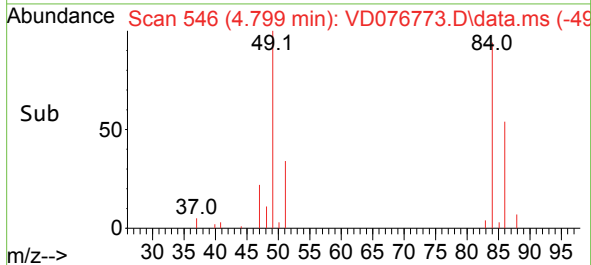
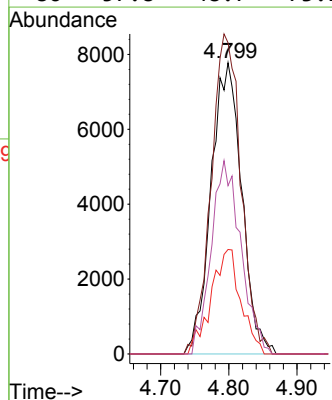
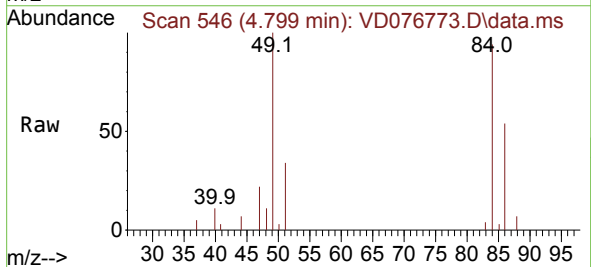
Instrument :
MSVOA_D
ClientSampleId :
72-12016

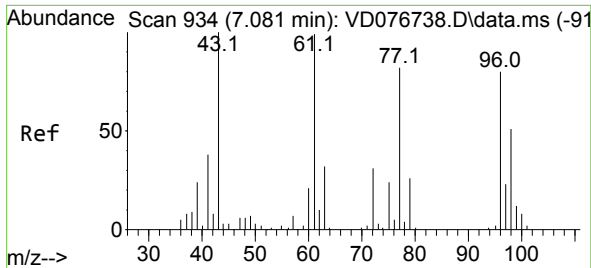
Tgt Ion: 76 Resp: 3927
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2#



#20
Methylene Chloride
Concen: 1.484 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Tgt Ion: 84 Resp: 24349
Ion Ratio Lower Upper
84 100
49 106.8 71.4 107.2
51 35.9 24.5 36.7
86 57.8 48.7 73.1

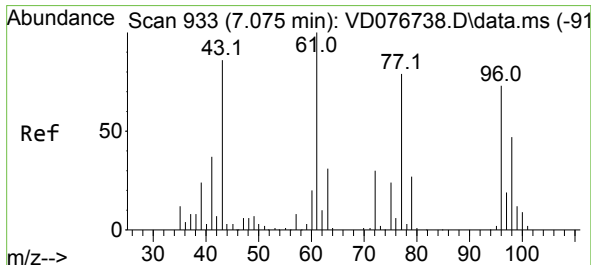
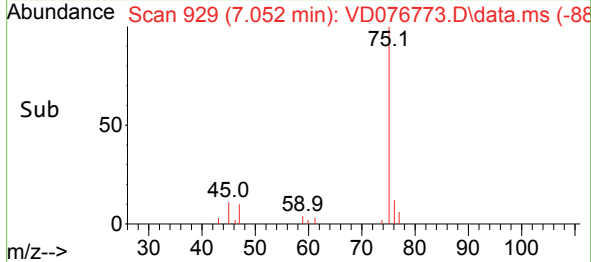
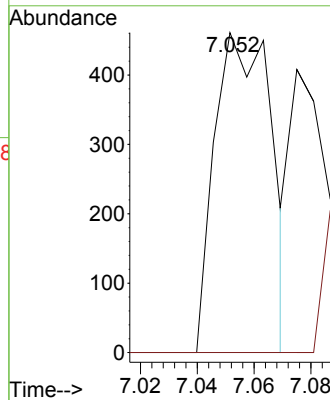
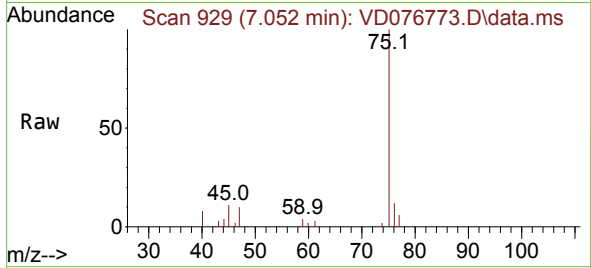




#25
2-Butanone
Concen: 1.346 ug/l
RT: 7.052 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

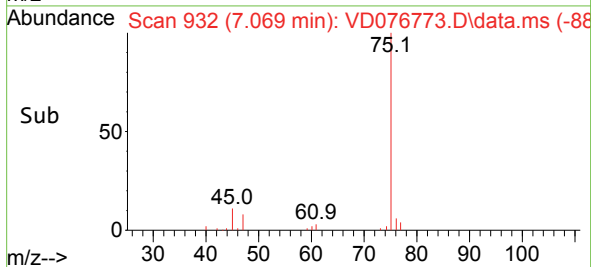
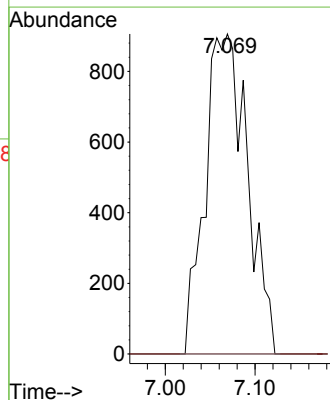
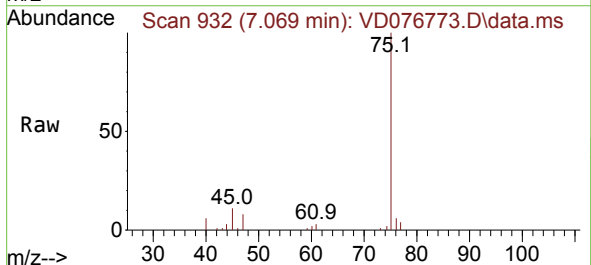
Instrument :
MSVOA_D
ClientSampleId :
72-12016

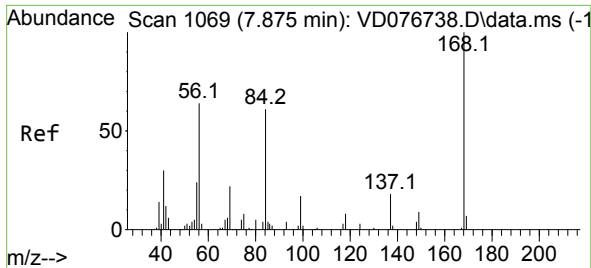
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 1.110 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Tgt Ion: 77 Resp: 2971
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#

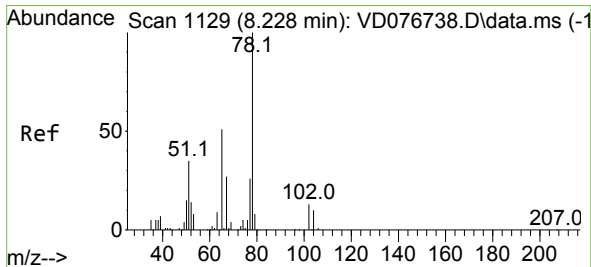
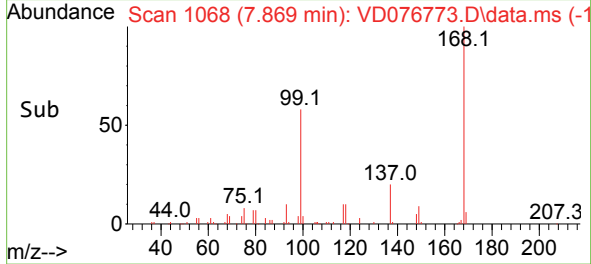
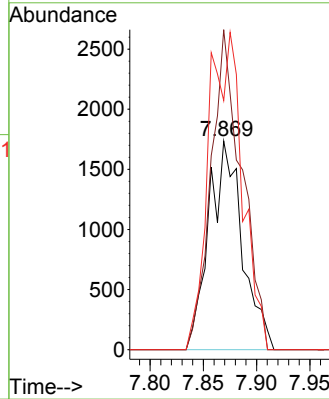
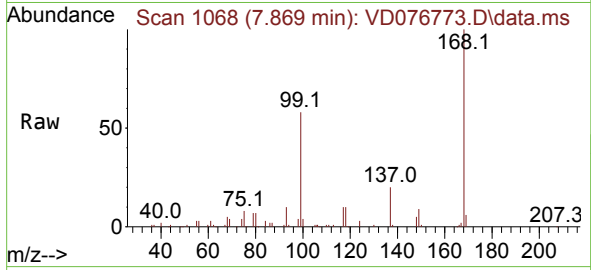




#31
Cyclohexane
Concen: 1.718 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

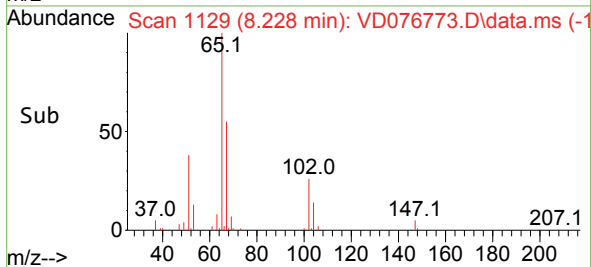
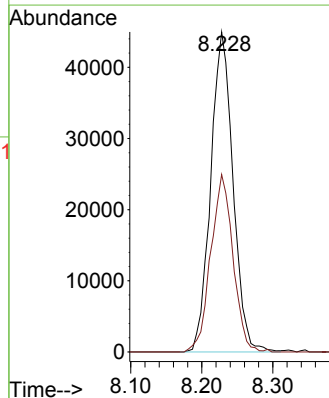
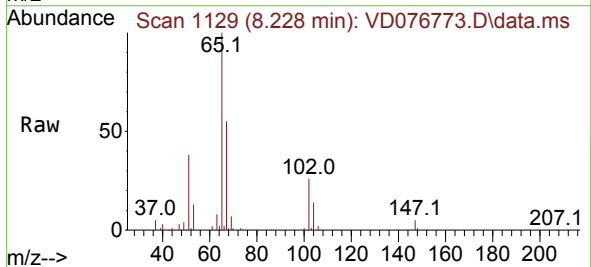
Instrument :
MSVOA_D
ClientSampleId :
72-12016

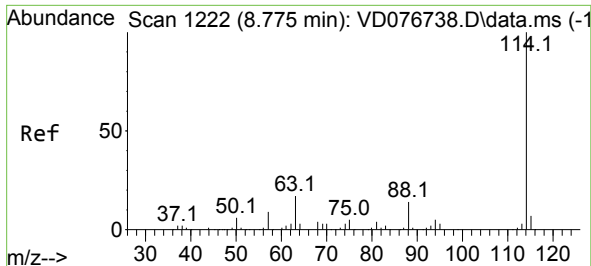
Tgt Ion: 56 Resp: 3772
Ion Ratio Lower Upper
56 100
69 153.4 28.6 43.0#
84 119.5 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 65.711 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Tgt Ion: 65 Resp: 98026
Ion Ratio Lower Upper
65 100
67 55.4 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: VD076773.D

Acq: 18 Jul 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

72-12016

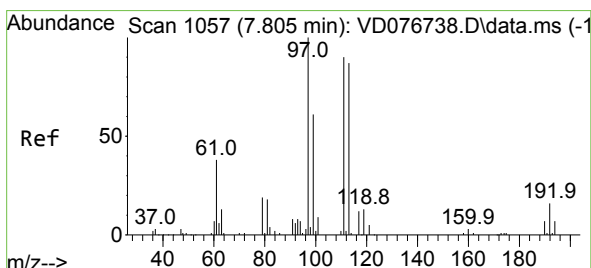
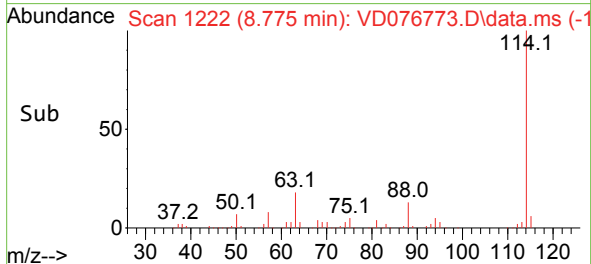
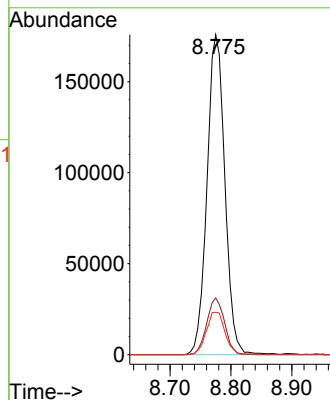
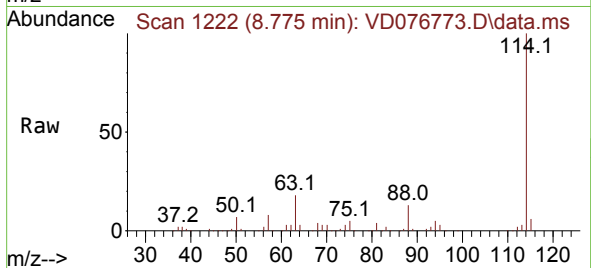
Tgt Ion:114 Resp: 358518

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.351 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076773.D

Acq: 18 Jul 2023 12:56

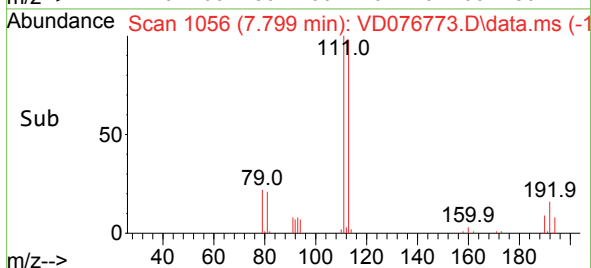
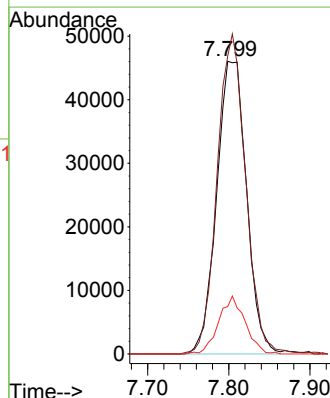
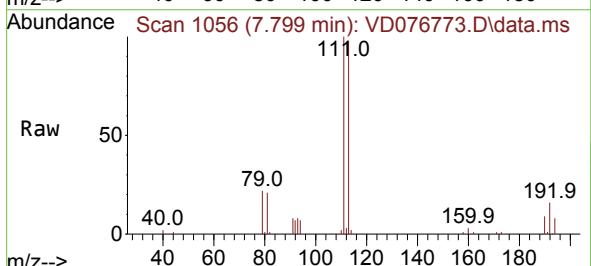
Tgt Ion:113 Resp: 117944

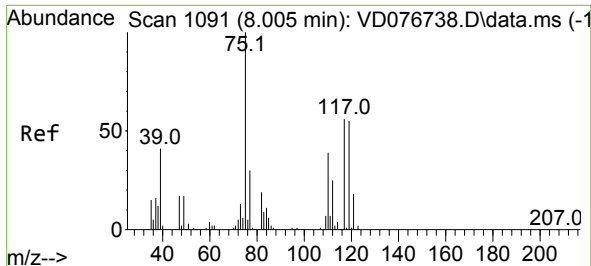
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 17.5 16.8 25.2

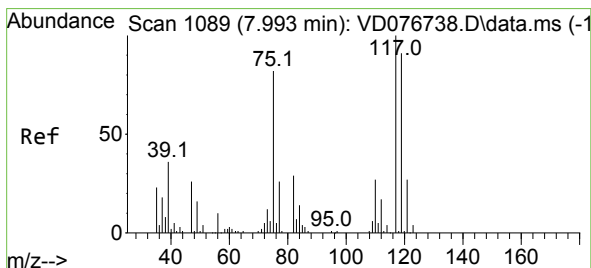
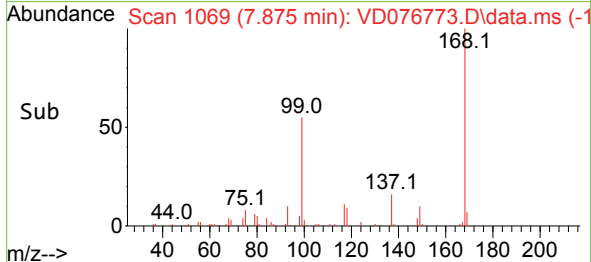
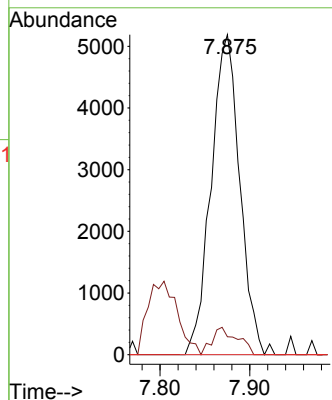
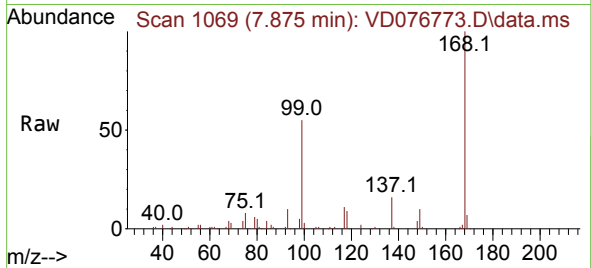




#36
 1,1-Dichloropropene
 Concen: 3.918 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.130 min
 Lab File: VD076773.D
 Acq: 18 Jul 2023 12:56

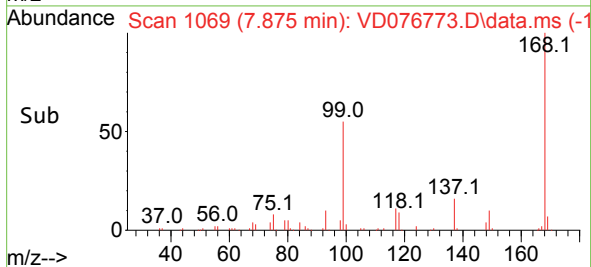
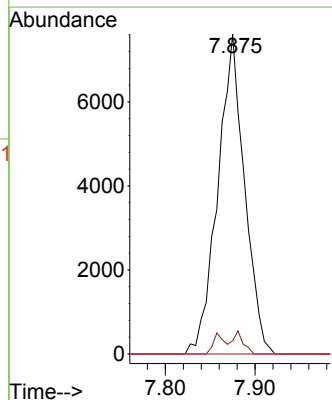
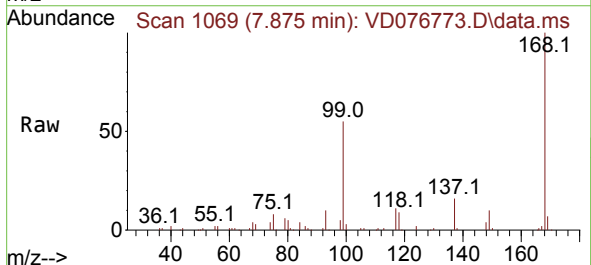
Instrument :
 MSVOA_D
 ClientSampleId :
 72-12016

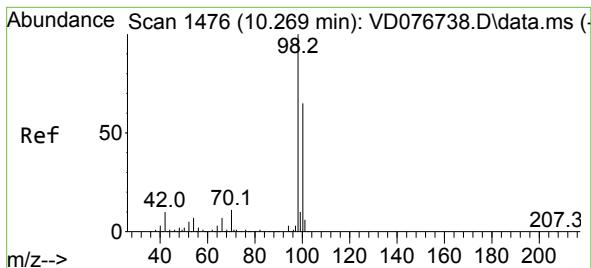
Tgt Ion: 75 Resp: 11534
 Ion Ratio Lower Upper
 75 100
 110 7.4 19.9 59.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.583 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.118 min
 Lab File: VD076773.D
 Acq: 18 Jul 2023 12:56

Tgt Ion: 117 Resp: 15739
 Ion Ratio Lower Upper
 117 100
 119 4.1 78.0 117.0#
 121 0.0 24.2 36.2#

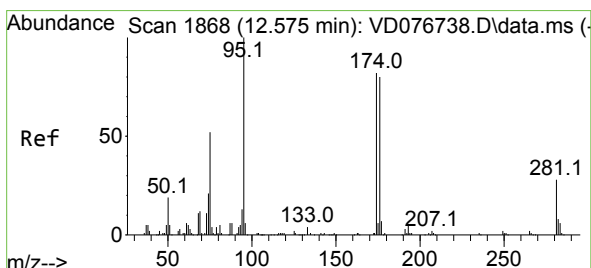
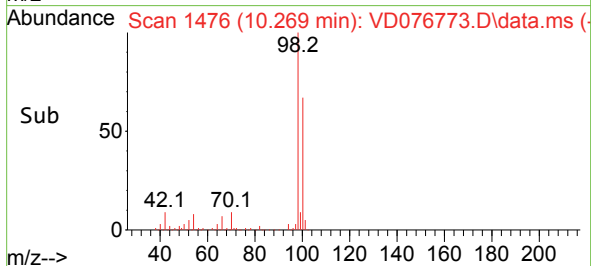
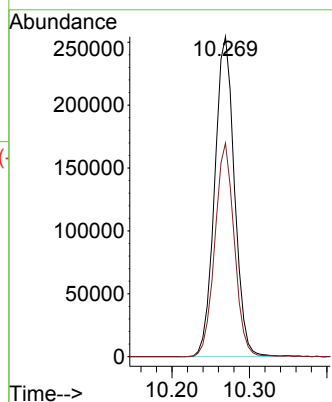
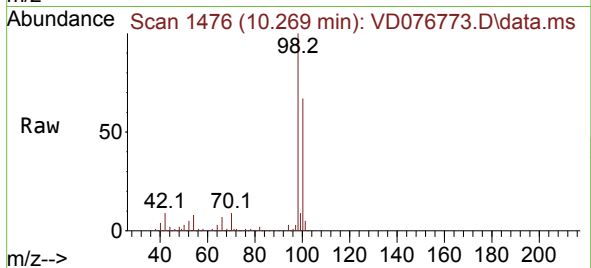




#50
Toluene-d8
Concen: 55.889 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

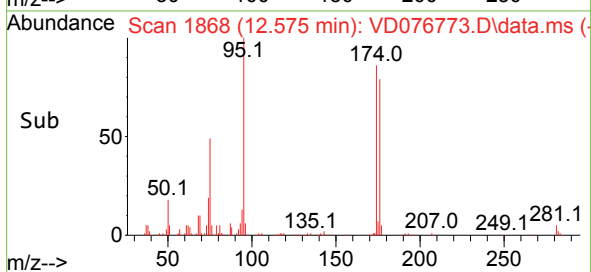
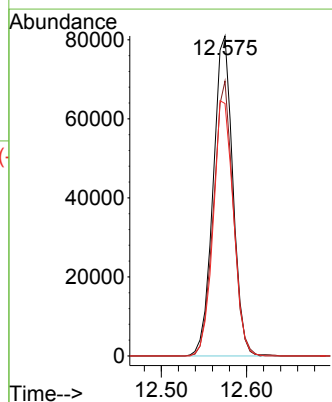
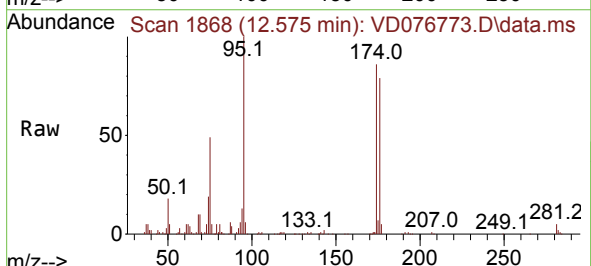
Instrument :
MSVOA_D
ClientSampleId :
72-12016

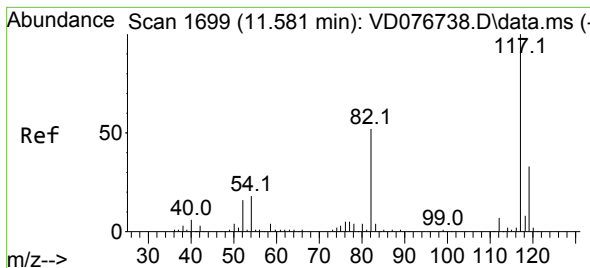
Tgt Ion: 98 Resp: 450448
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Tgt Ion: 95 Resp: 129930
Ion Ratio Lower Upper
95 100
174 85.5 0.0 201.8
176 81.8 0.0 191.8

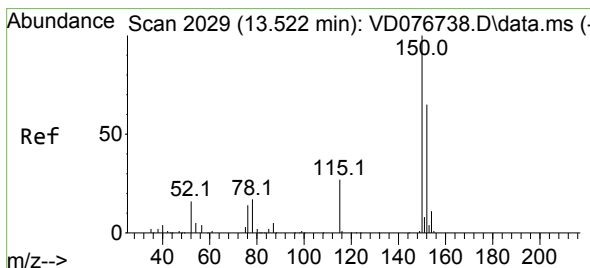
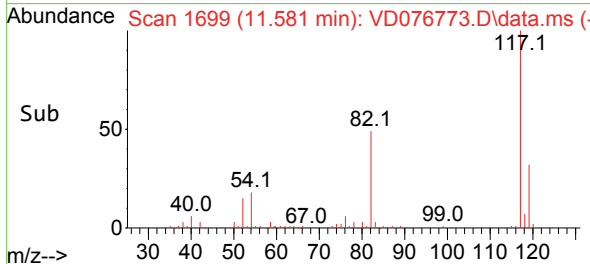
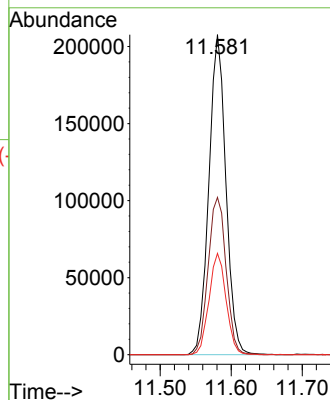
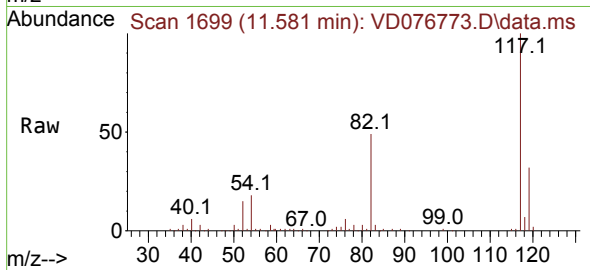




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

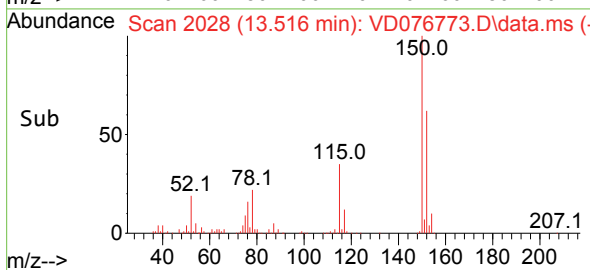
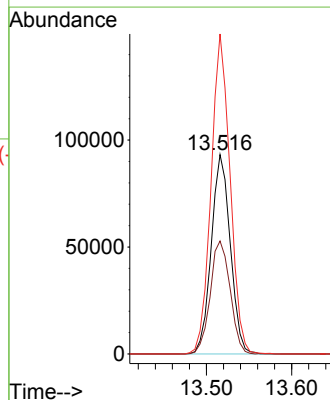
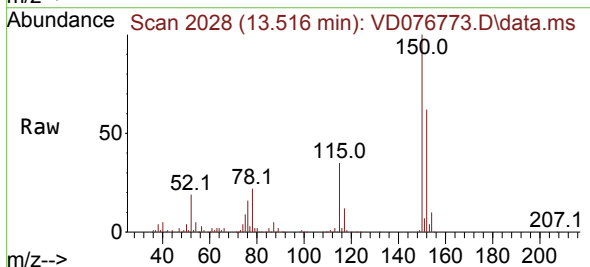
Instrument :
MSVOA_D
ClientSampleId :
72-12016

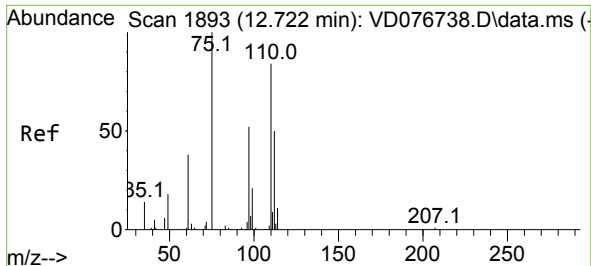
Tgt Ion:117 Resp: 346278
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Tgt Ion:152 Resp: 144567
Ion Ratio Lower Upper
152 100
115 59.2 27.1 81.3
150 159.8 0.0 353.6

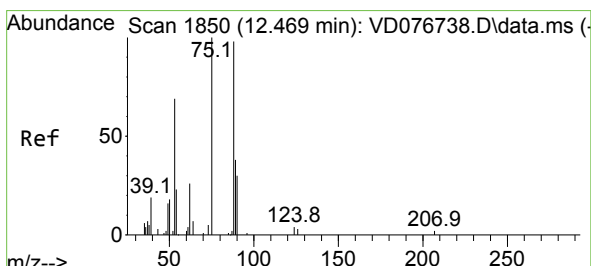
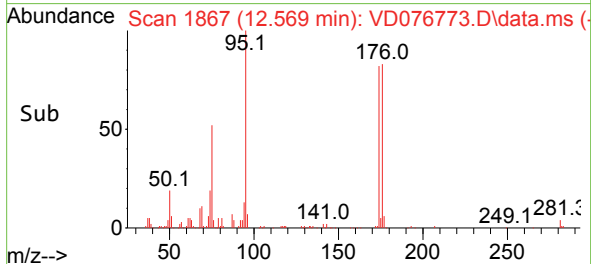
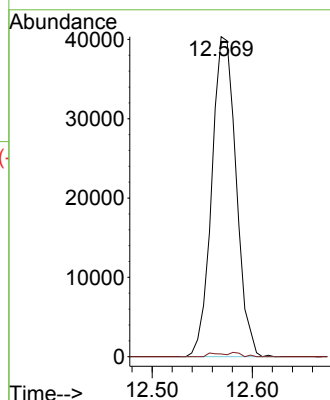
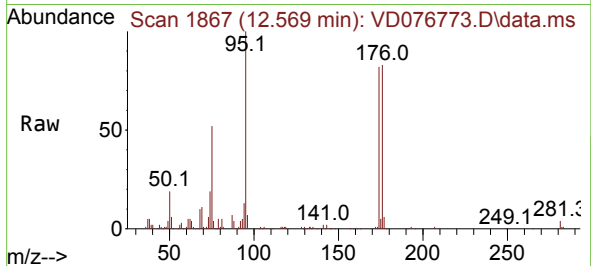




#76
1,2,3-Trichloropropane
Concen: 49.511 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :
72-12016

Tgt Ion: 75 Resp: 68068
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.371 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076773.D
Acq: 18 Jul 2023 12:56

Tgt Ion: 75 Resp: 68068
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#

