

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076836.D
 Acq On : 27 Jul 2023 16:10
 Operator : KP/SY
 Sample : 03753-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 28 02:58:53 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)

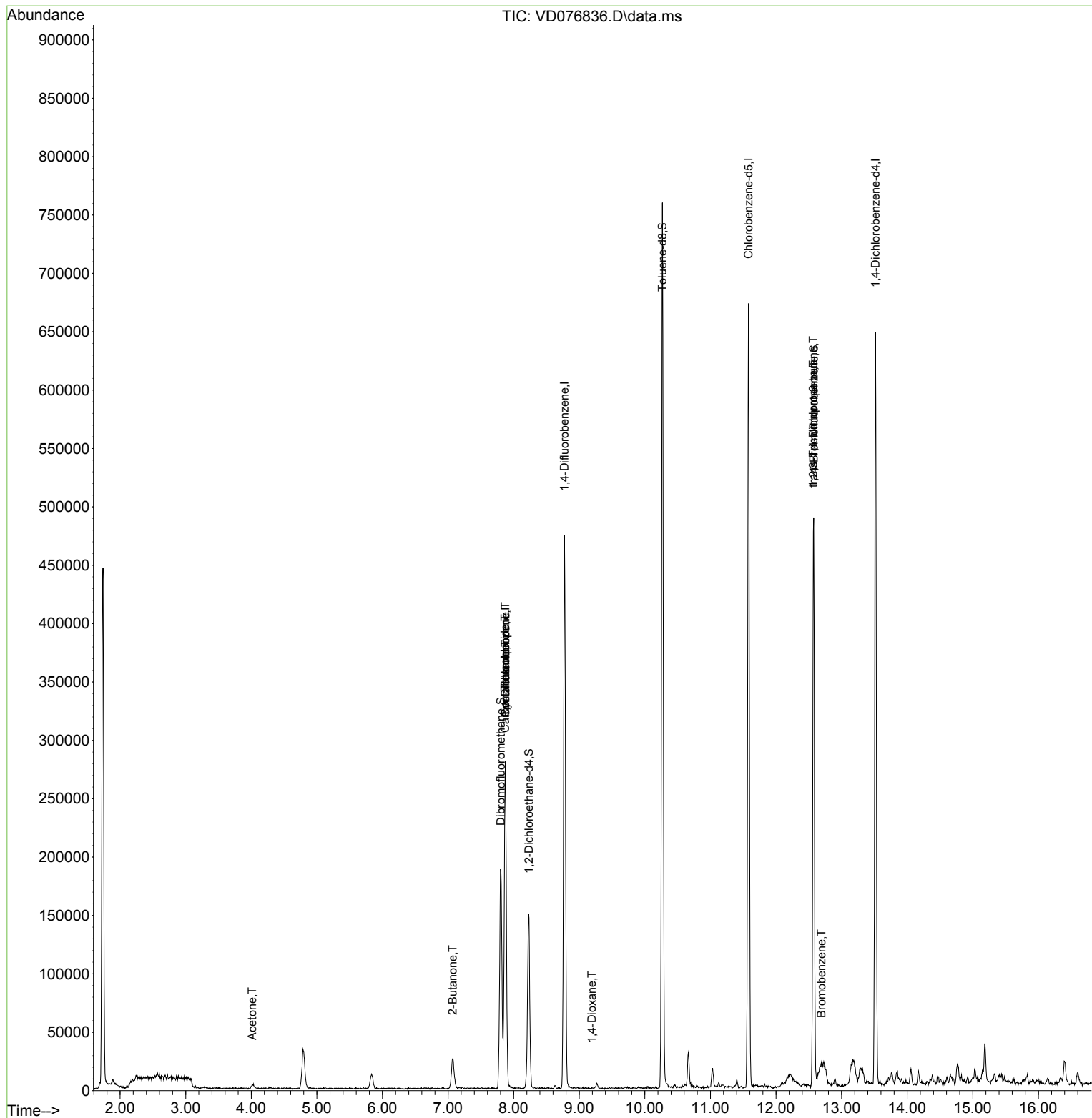
Internal Standards						
1) Pentafluorobenzene	7.875	168	214509	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	431912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	394319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116741	54.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.804	113	141514	52.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.269	98	529202	54.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.575	95	158079	50.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.660%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	5628	11.030	ug/l	# 81
20) Methylene Chloride	4.787	84	25908	Below Cal	#	85
25) 2-Butanone	7.069	43	1295	1.896	ug/l	# 37
31) Cyclohexane	7.875	56	5065	1.611	ug/l	# 12
36) 1,1-Dichloropropene	7.875	75	17686	4.987	ug/l	# 47
38) Carbon Tetrachloride	7.869	117	20691	6.093	ug/l	# 17
49) 1,4-Dioxane	9.193	88	54	2.493	ug/l	# 33
76) 1,2,3-Trichloropropane	12.569	75	81046	49.491	ug/l	# 100
77) Bromobenzene	12.692	156	22975	7.967	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	81046	105.329	ug/l	# 17

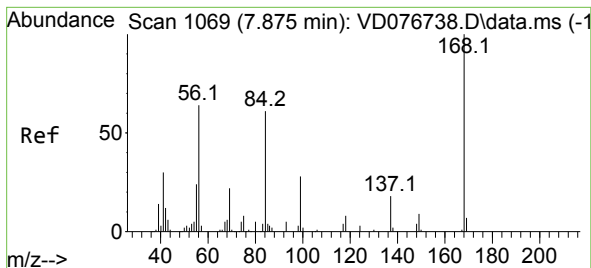
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076836.D

Acq: 27 Jul 2023 16:10

Instrument :

MSVOA_D

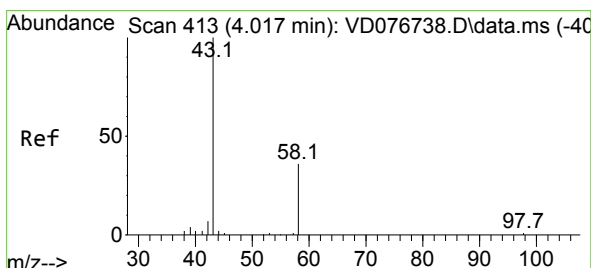
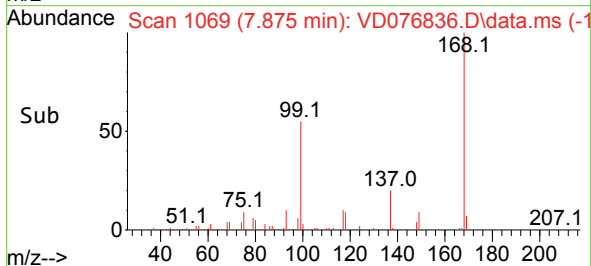
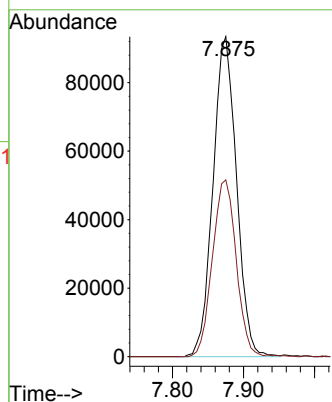
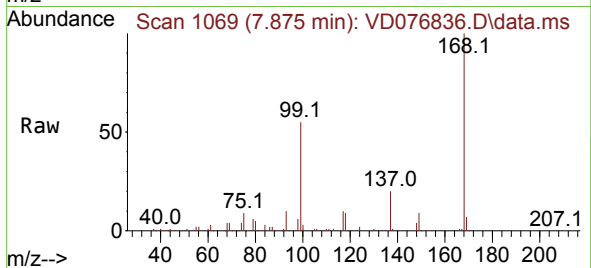
ClientSampleId :

Tgt Ion:168 Resp: 214509

Ion Ratio Lower Upper

168 100

99 55.3 36.7 55.1#



#16

Acetone

Concen: 11.030 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.001 min

Lab File: VD076836.D

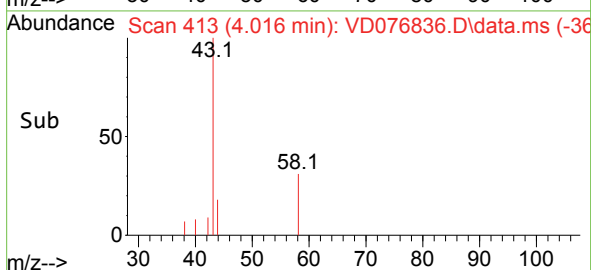
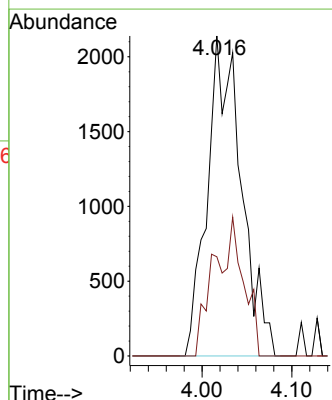
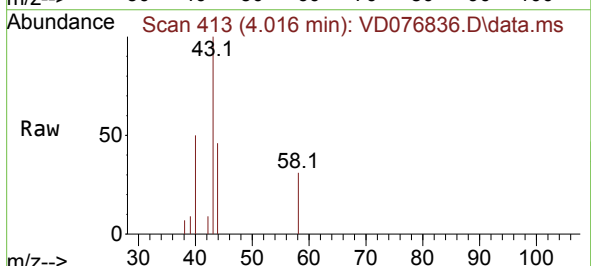
Acq: 27 Jul 2023 16:10

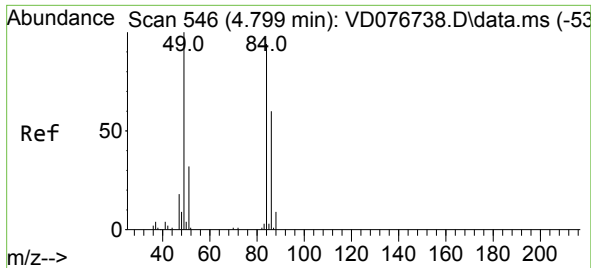
Tgt Ion: 43 Resp: 5628

Ion Ratio Lower Upper

43 100

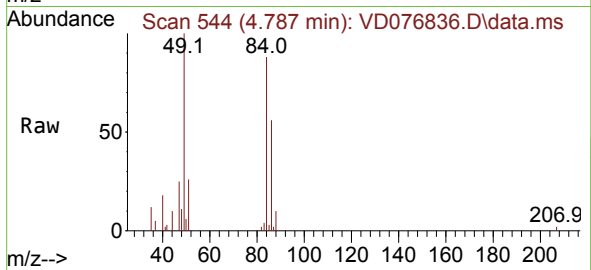
58 31.0 34.7 52.1#



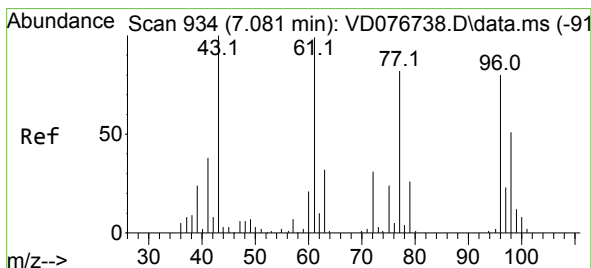
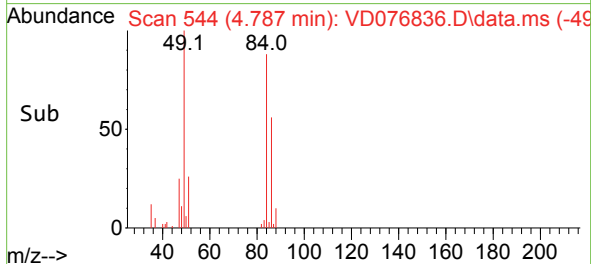
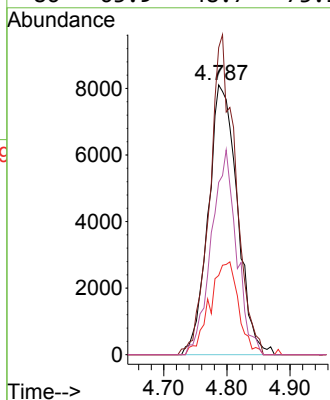


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Instrument :
MSVOA_D
ClientSampleId :

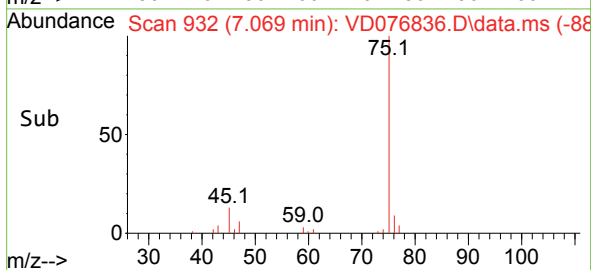
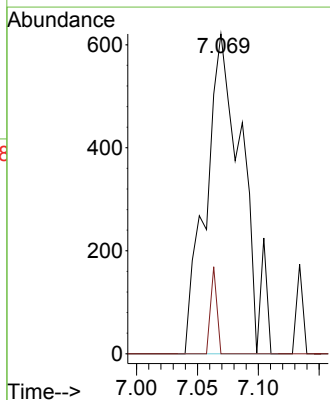
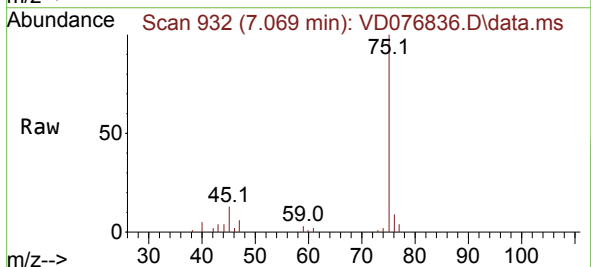


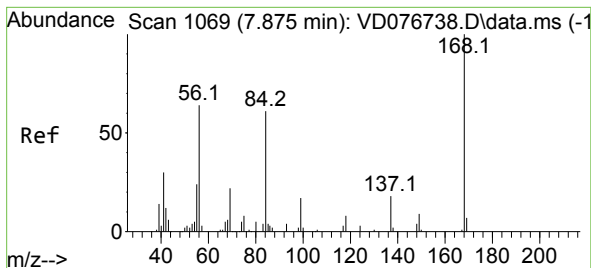
Tgt Ion: 84 Resp: 25908
Ion Ratio Lower Upper
84 100
49 113.8 71.4 107.2#
51 29.4 24.5 36.7
86 63.9 48.7 73.1



#25
2-Butanone
Concen: 1.896 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#31

Cyclohexane

Concen: 1.611 ug/l

RT: 7.875 min Scan# 1106

Delta R.T. 0.000 min

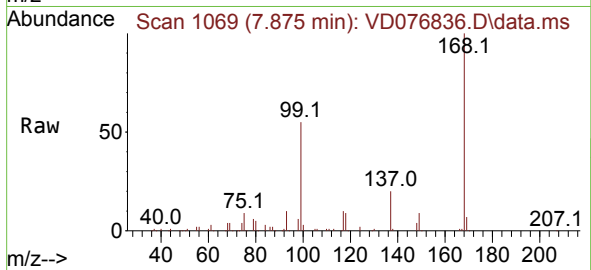
Lab File: VD076836.D

Acq: 27 Jul 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :



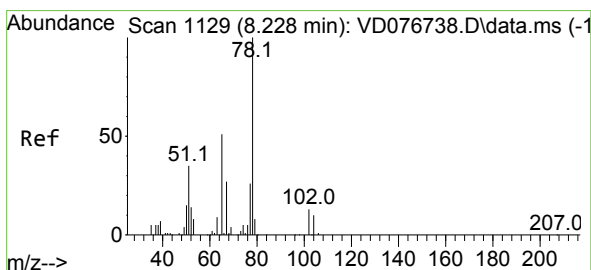
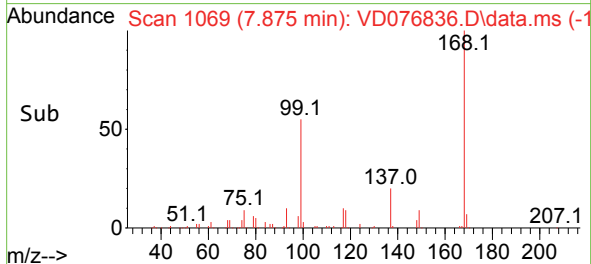
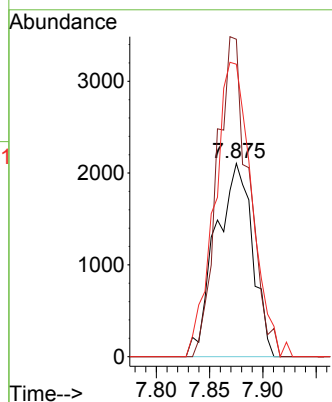
Tgt Ion: 56 Resp: 5065

Ion Ratio Lower Upper

56 100

69 164.2 28.6 43.0#

84 151.3 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 54.639 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076836.D

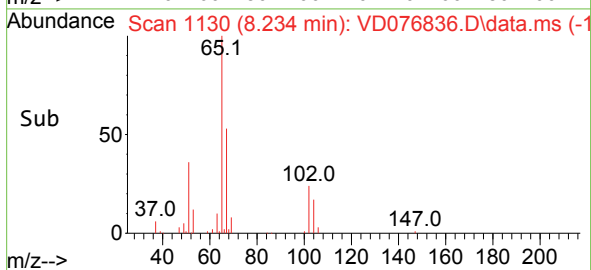
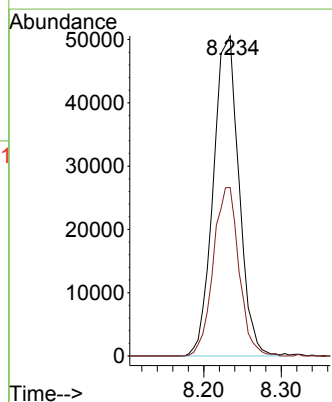
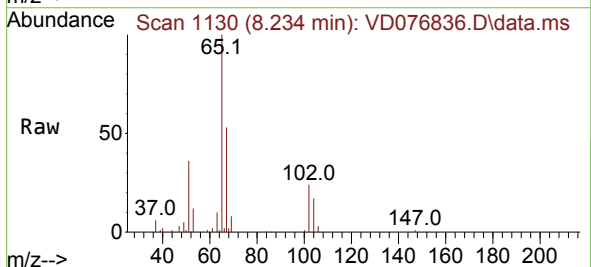
Acq: 27 Jul 2023 16:10

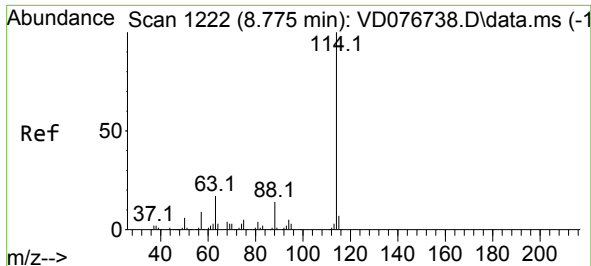
Tgt Ion: 65 Resp: 116741

Ion Ratio Lower Upper

65 100

67 52.8 0.0 115.0

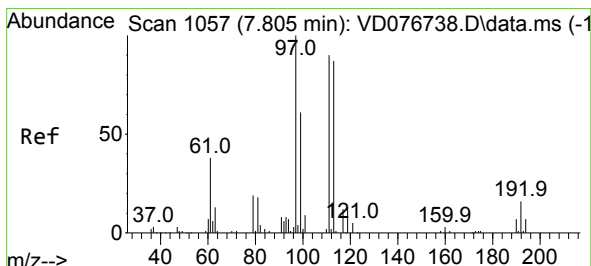
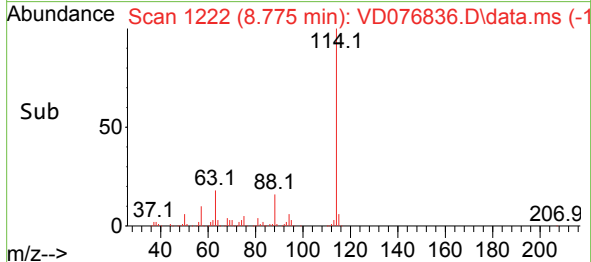
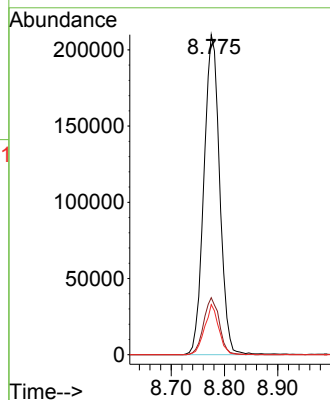
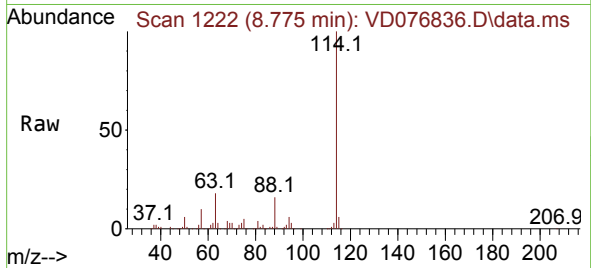




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

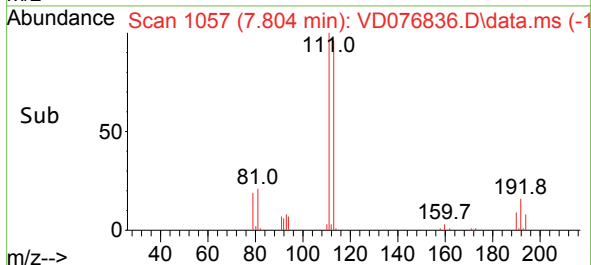
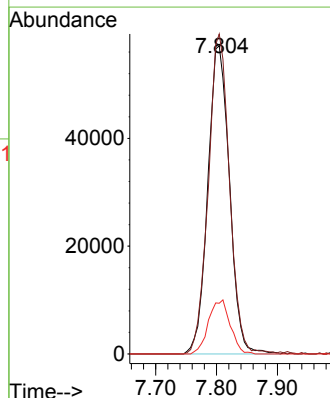
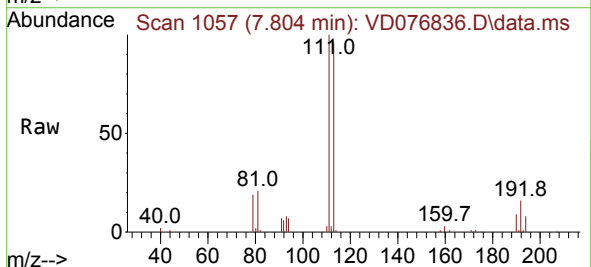
Instrument :
MSVOA_D
ClientSampleId :

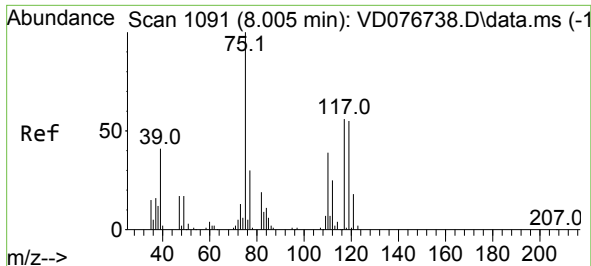
Tgt Ion:114 Resp: 431912
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 15.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.139 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Tgt Ion:113 Resp: 141514
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 17.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.987 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

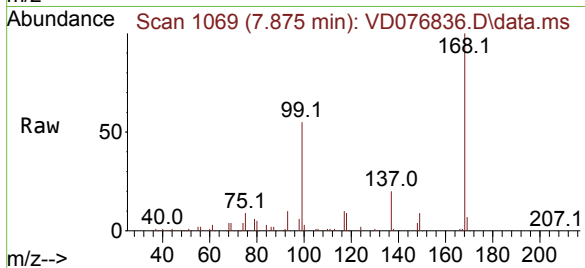
Lab File: VD076836.D

Acq: 27 Jul 2023 16:10

Instrument :

MSVOA_D

ClientSampleId :



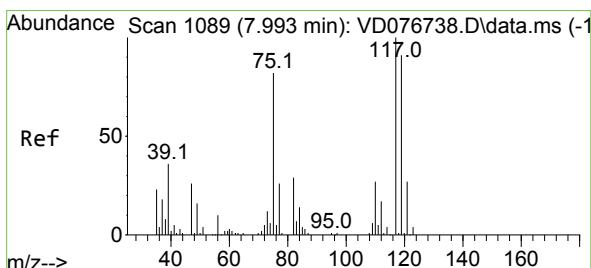
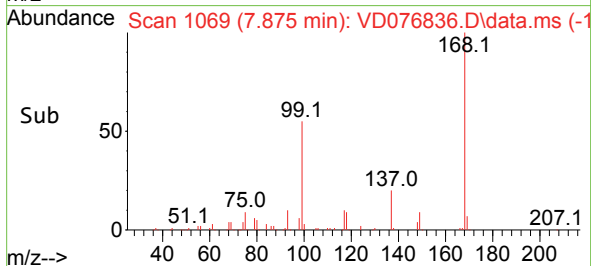
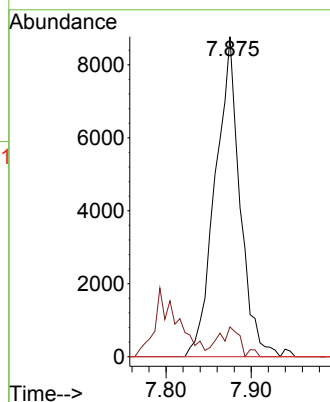
Tgt Ion: 75 Resp: 17686

Ion Ratio Lower Upper

75 100

110 8.4 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.093 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076836.D

Acq: 27 Jul 2023 16:10

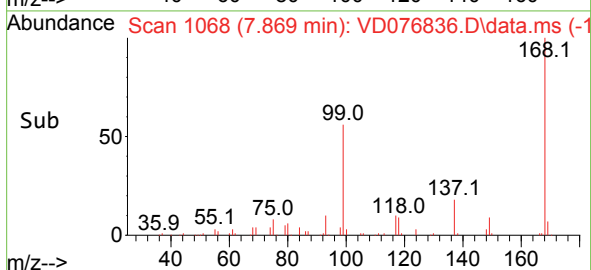
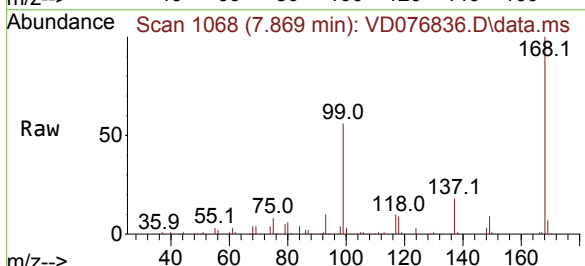
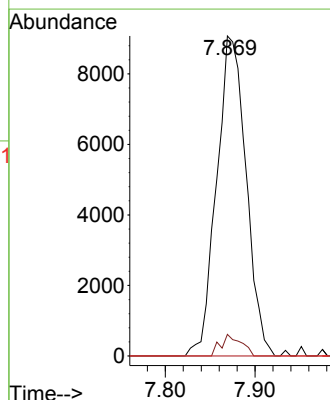
Tgt Ion: 117 Resp: 20691

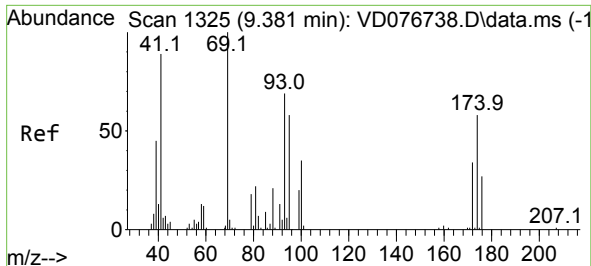
Ion Ratio Lower Upper

117 100

119 6.7 78.0 117.0#

121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 2.493 ug/l

RT: 9.193 min Scan# 11

Delta R.T. -0.188 min

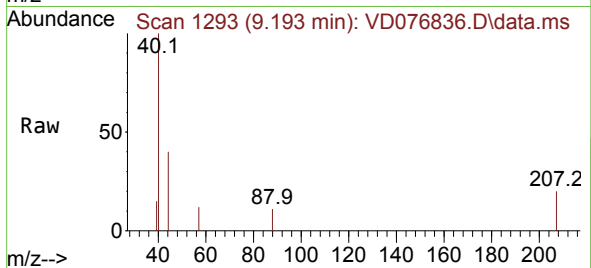
Lab File: VD076836.D

Acq: 27 Jul 2023 16:10

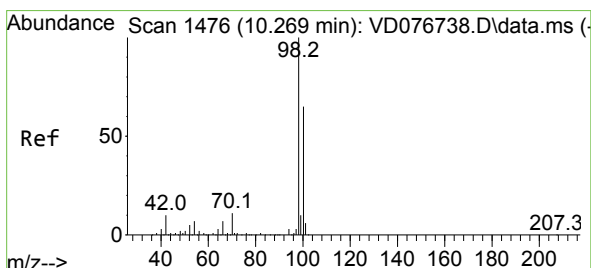
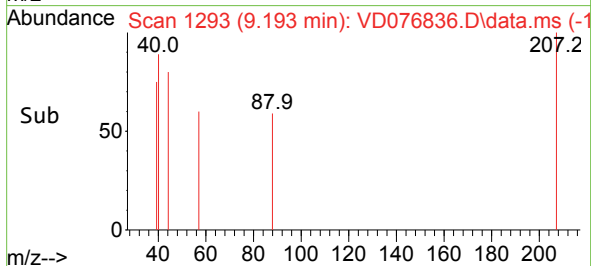
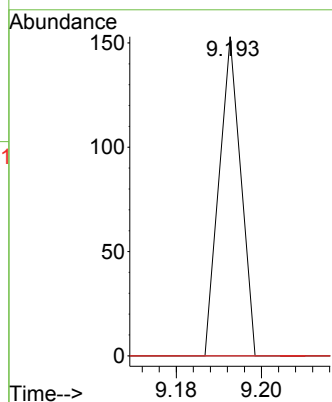
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 88	Resp: 54
Ion Ratio	Lower Upper
88	100
43	0.0 19.0 28.6#
58	0.0 43.5 65.3#



#50

Toluene-d8

Concen: 54.503 ug/l

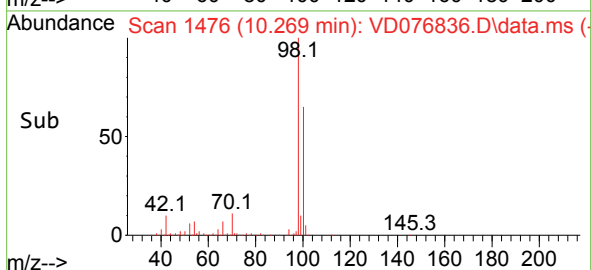
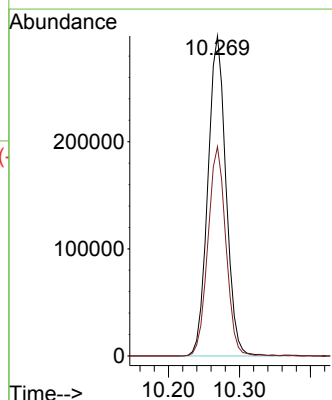
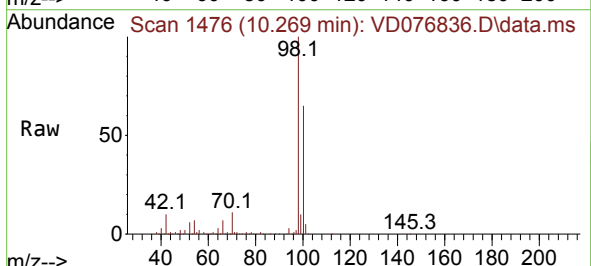
RT: 10.269 min Scan# 1476

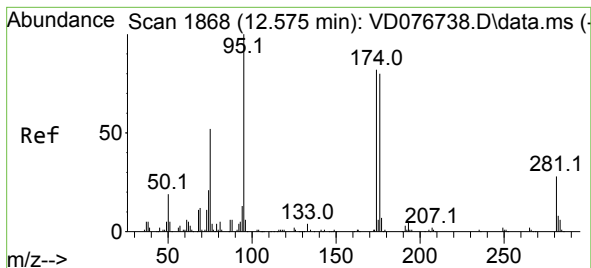
Delta R.T. 0.000 min

Lab File: VD076836.D

Acq: 27 Jul 2023 16:10

Tgt Ion: 98	Resp: 529202
Ion Ratio	Lower Upper
98	100
100	65.0 50.3 75.5

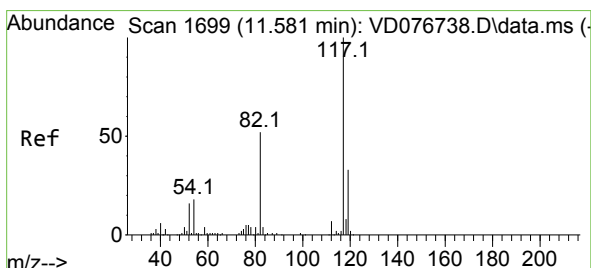
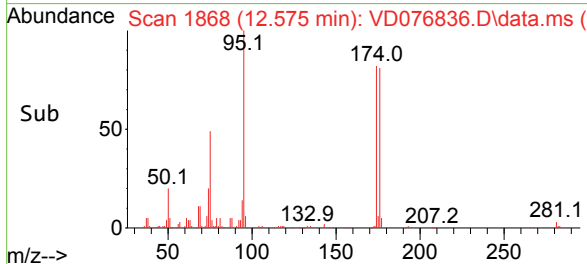
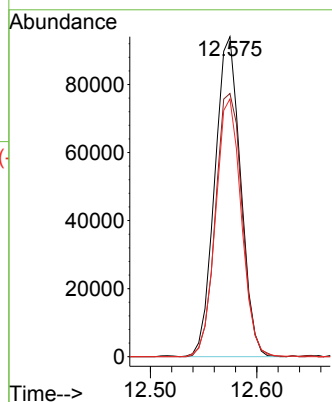
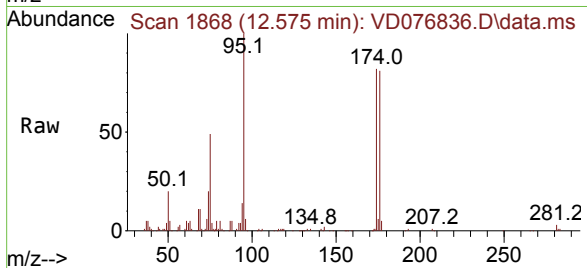




#62
4-Bromofluorobenzene
Concen: 50.327 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

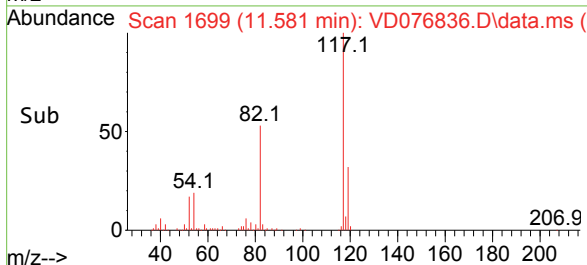
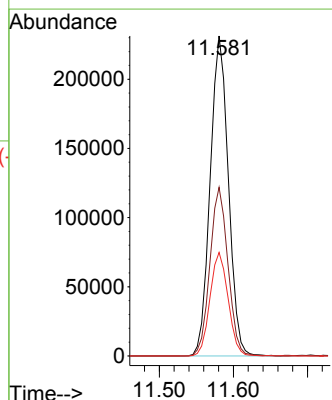
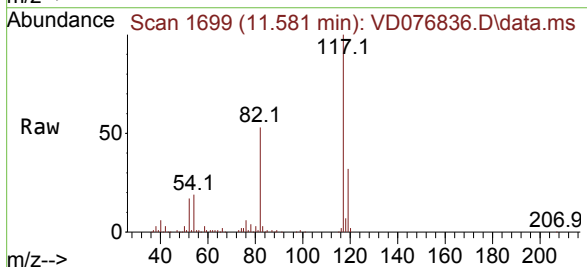
Instrument :
MSVOA_D
ClientSampleId :

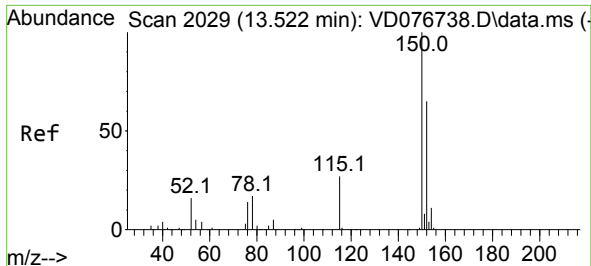
Tgt Ion: 95 Resp: 158079
Ion Ratio Lower Upper
95 100
174 84.7 0.0 201.8
176 80.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

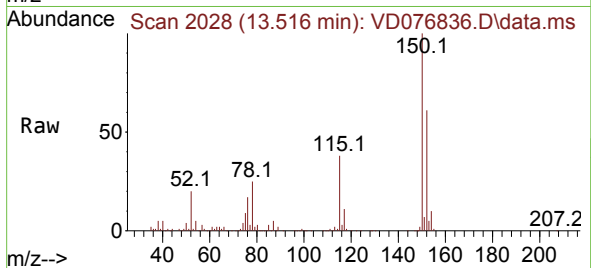
Tgt Ion: 117 Resp: 394319
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.4 25.0 37.4



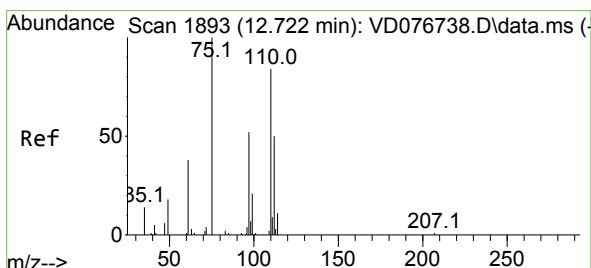
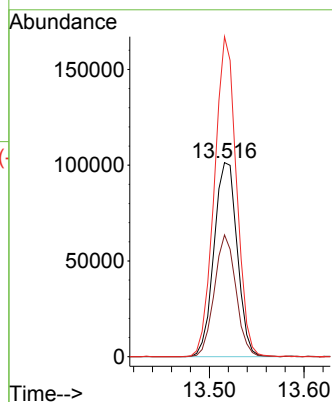
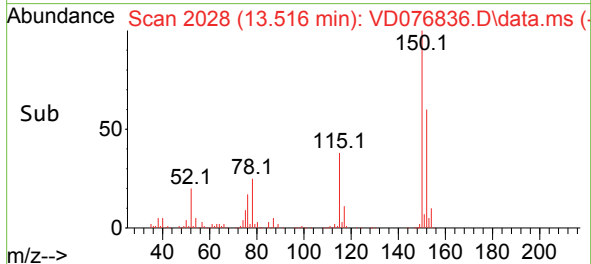


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076836.D
 Acq: 27 Jul 2023 16:10

Instrument :
 MSVOA_D
 ClientSampleId :

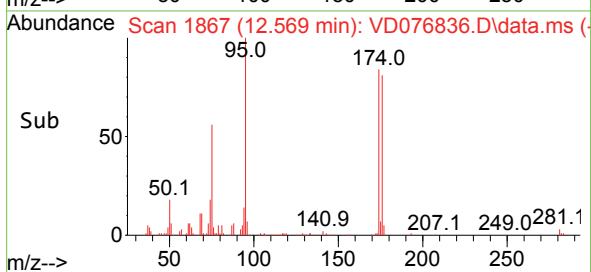
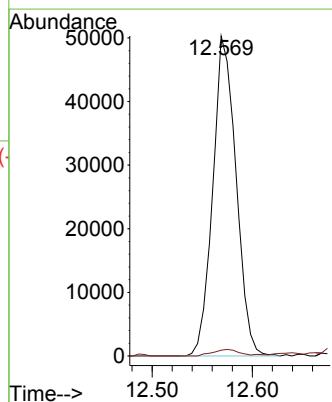
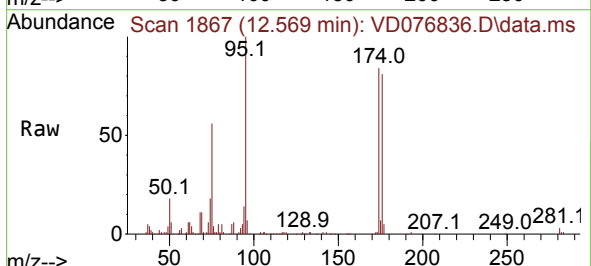


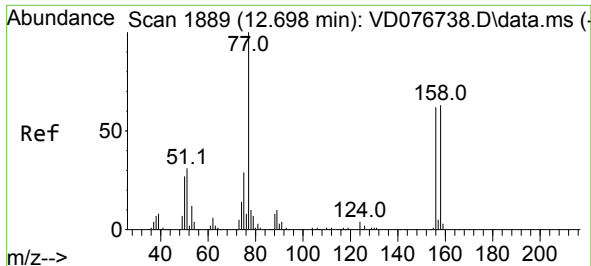
Tgt Ion:152 Resp: 172200
 Ion Ratio Lower Upper
 152 100
 115 58.5 27.1 81.3
 150 157.2 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 49.491 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076836.D
 Acq: 27 Jul 2023 16:10

Tgt Ion: 75 Resp: 81046
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#

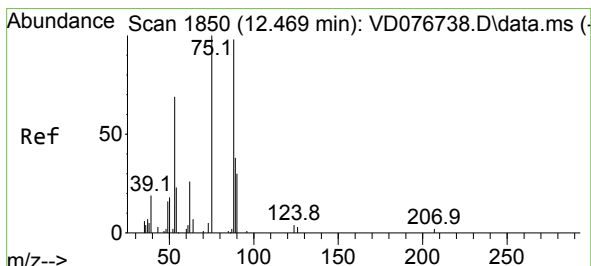
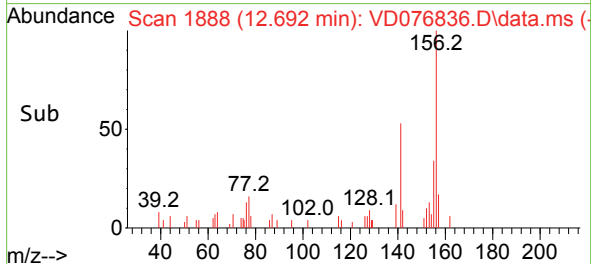
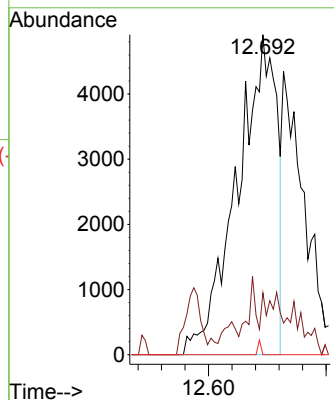
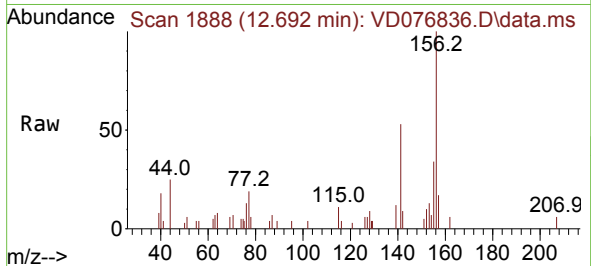




#77
Bromobenzene
Concen: 7.967 ug/l
RT: 12.692 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 22975
Ion Ratio Lower Upper
156 100
77 3.0 76.8 230.4#
158 0.3 48.6 145.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.329 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076836.D
Acq: 27 Jul 2023 16:10

Tgt Ion: 75 Resp: 81046
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

