

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009777.D
 Acq On : 29 Jul 2022 17:02
 Operator : KP/MD
 Sample : N3930-20
 Misc : 3.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-112

Quant Time: Aug 01 01:14:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

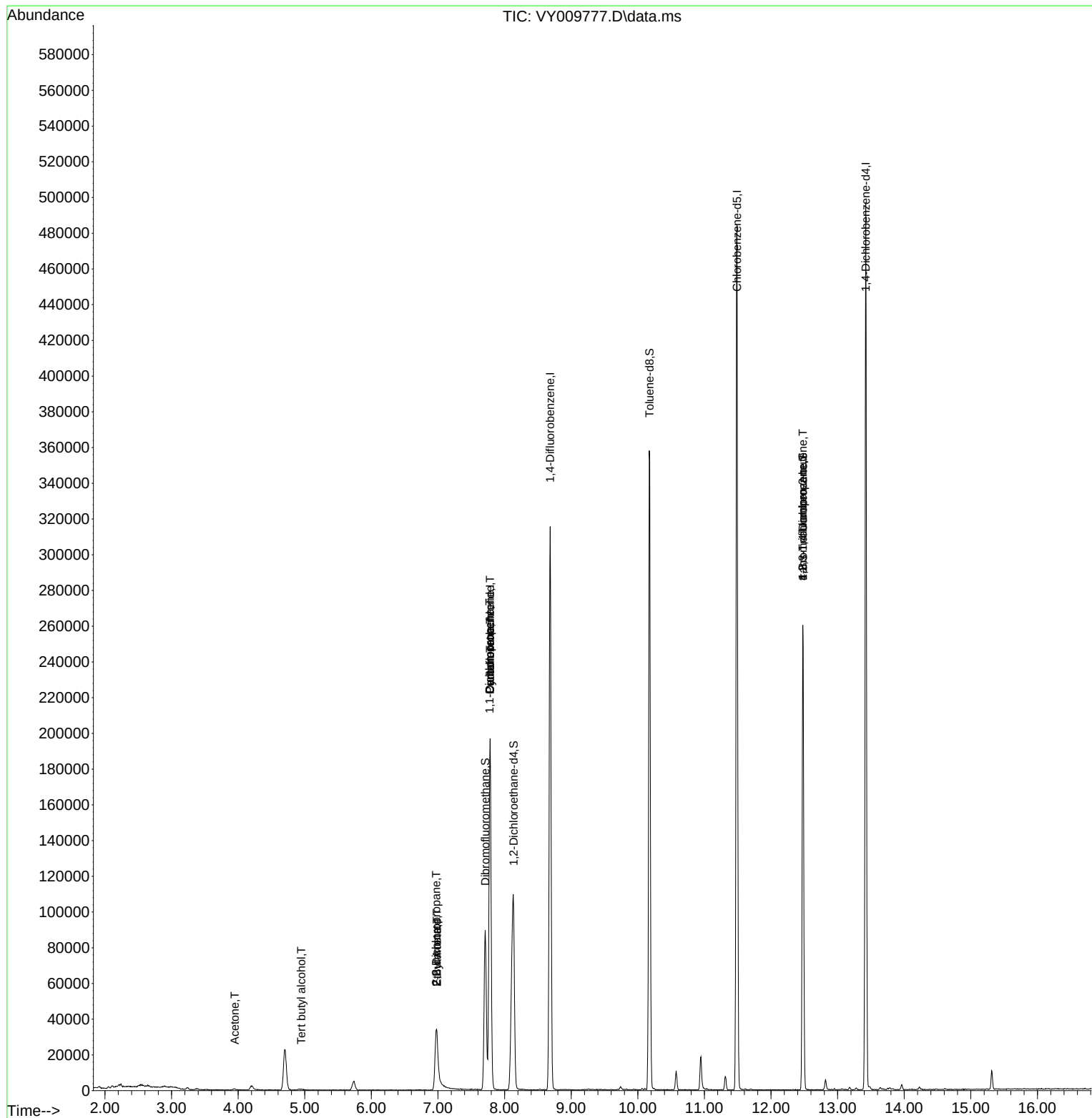
Internal Standards						
1) Pentafluorobenzene	7.783	168	161487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	280200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62804	59.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.800%	
35) Dibromofluoromethane	7.710	113	62667	41.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.240%	
50) Toluene-d8	10.179	98	239919	54.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	12.477	95	71171	35.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 70.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1144	6.407	ug/l	# 77
16) Acetone	3.948	43	1115	2.888	ug/l	# 89
18) Methyl Acetate	4.460	43	272	Below Cal	#	56
20) Methylene Chloride	4.698	84	17789	Below Cal	#	84
25) 2-Butanone	6.984	43	1884	3.308	ug/l	# 82
26) 2,2-Dichloropropane	6.972	77	2921	1.148	ug/l	# 55
31) Cyclohexane	7.783	56	2891	1.125	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	11001	4.436	ug/l	# 51
37) Ethyl Acetate	6.984	43	1884	1.282	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	14262	5.368	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	36894	30.788	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	36894	61.369	ug/l	# 7

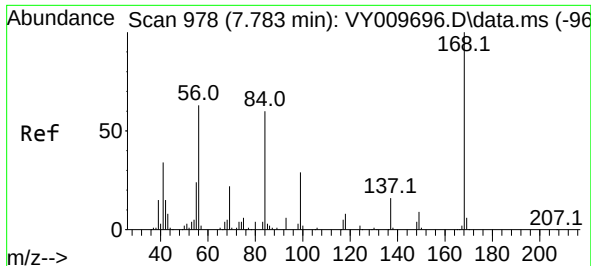
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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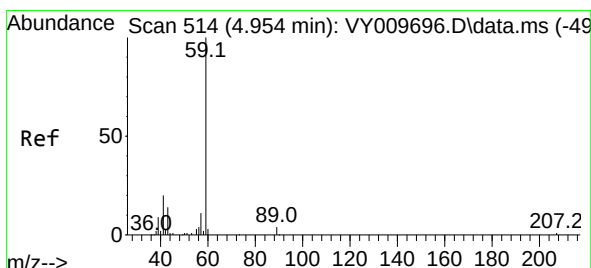
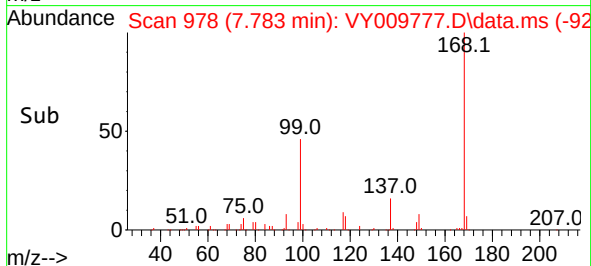
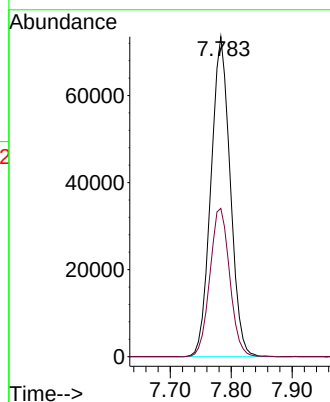
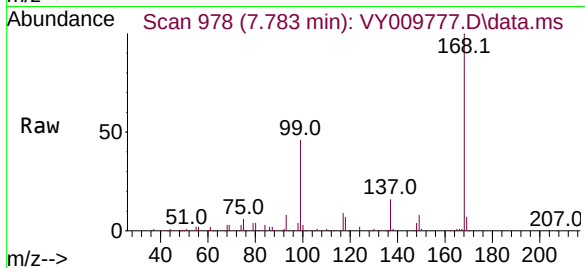




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

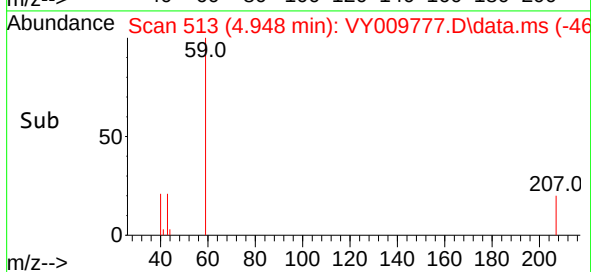
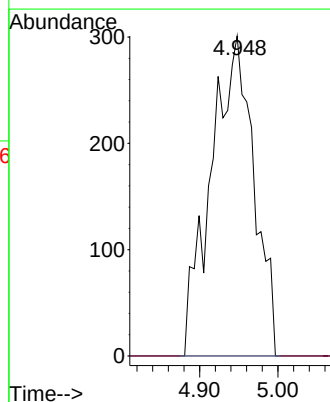
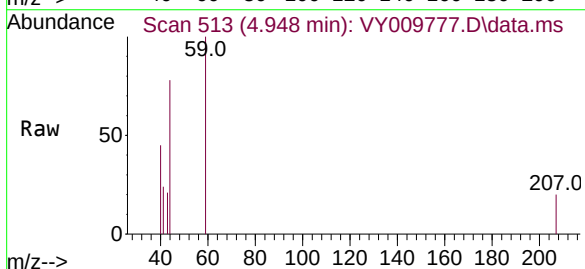
Instrument :
MSVOA_Y
ClientSampleId :
RVE-112

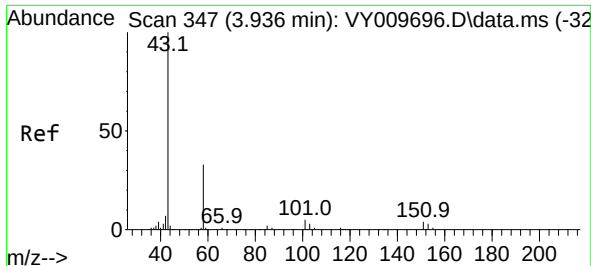
Tgt Ion:168 Resp: 161487
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#11
Tert butyl alcohol
Concen: 6.407 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion: 59 Resp: 1144
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.888 ug/l

RT: 3.948 min Scan# 347

Delta R.T. 0.012 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

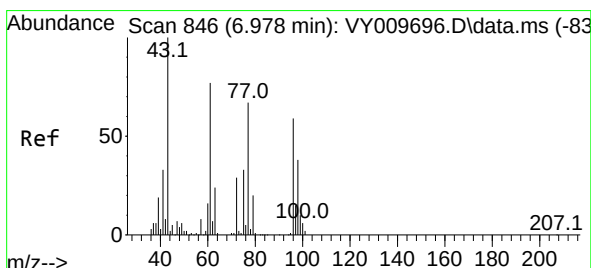
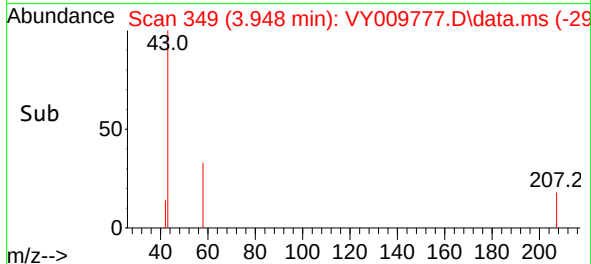
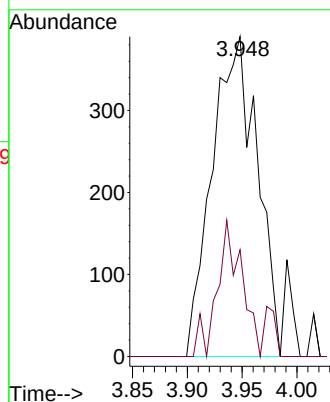
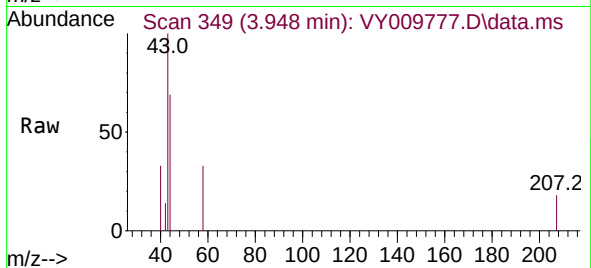
RVE-112

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

58 33.3 22.0 33.0#



#25

2-Butanone

Concen: 3.308 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009777.D

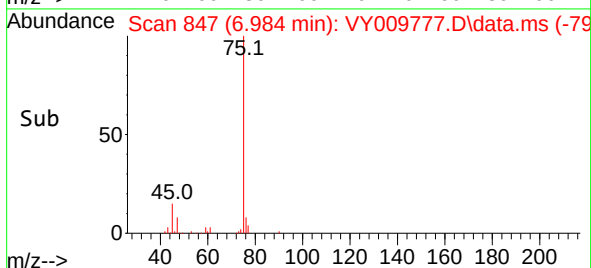
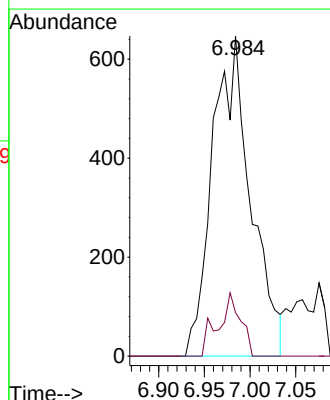
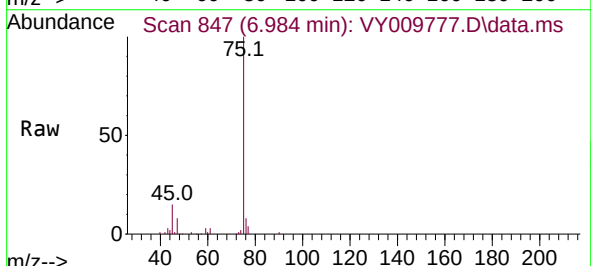
Acq: 29 Jul 2022 17:02

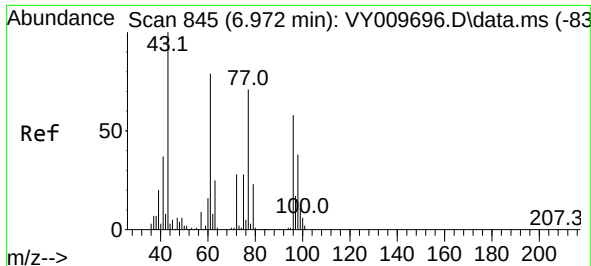
Tgt Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

72 13.6 17.7 26.5#

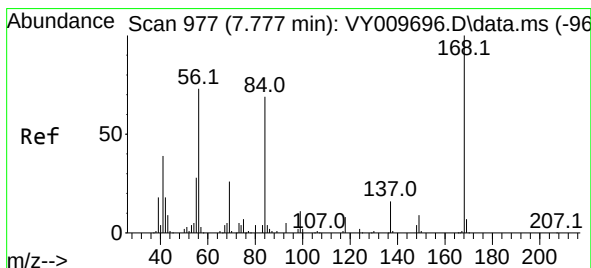
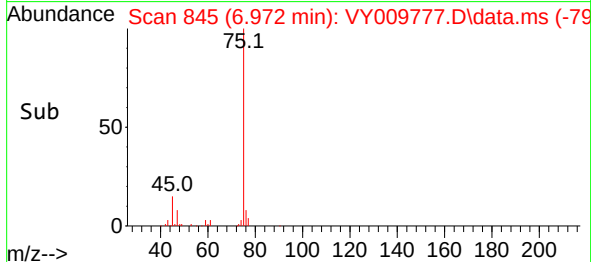
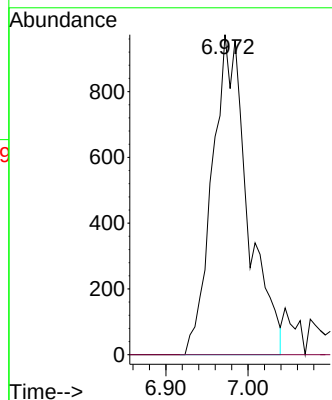
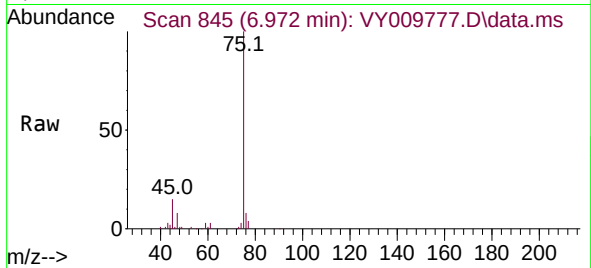




#26
2,2-Dichloropropane
Concen: 1.148 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

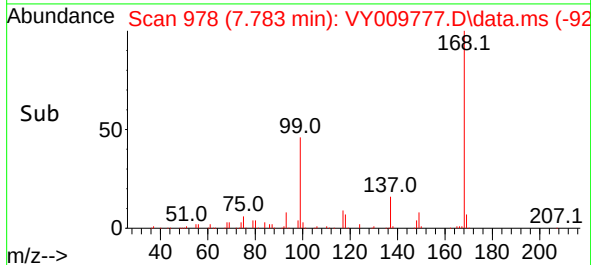
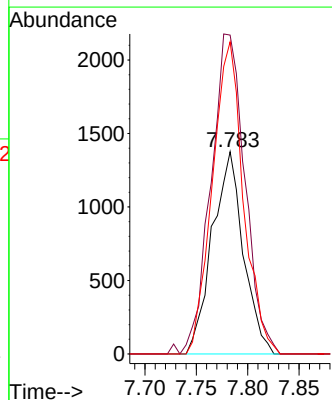
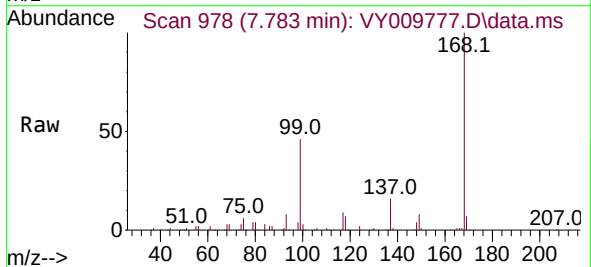
Instrument :
MSVOA_Y
ClientSampleId :
RVE-112

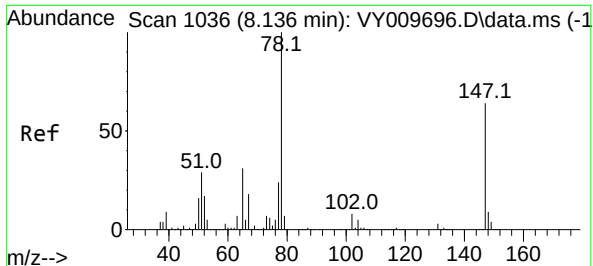
Tgt Ion: 77 Resp: 2921
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion: 56 Resp: 2891
Ion Ratio Lower Upper
56 100
69 157.6 26.7 40.1#
84 154.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.401 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

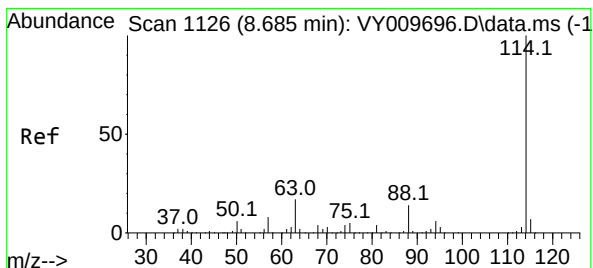
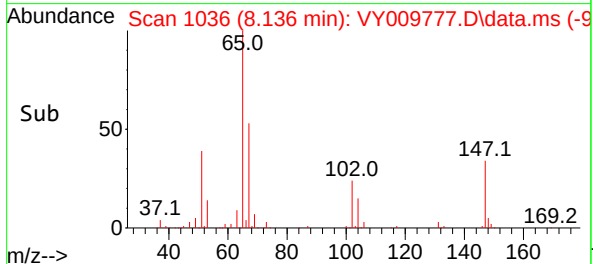
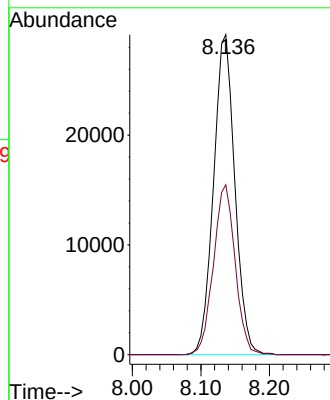
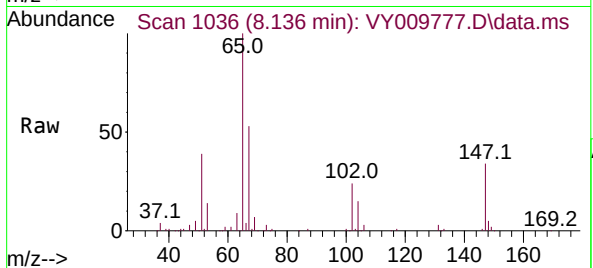
RVE-112

Tgt Ion: 65 Resp: 62804

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

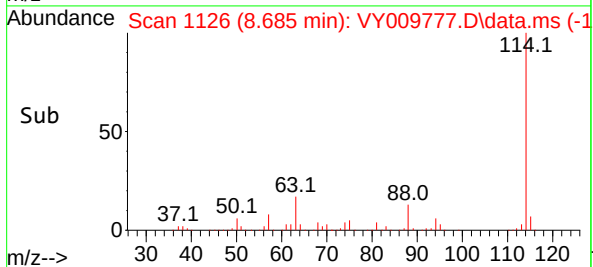
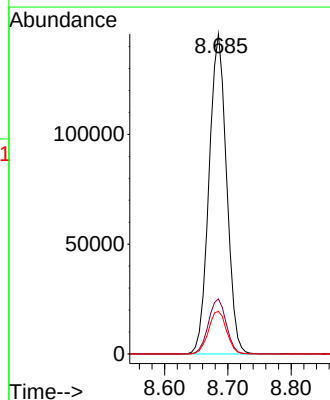
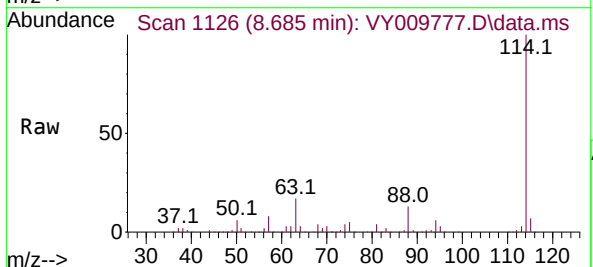
Tgt Ion: 114 Resp: 280200

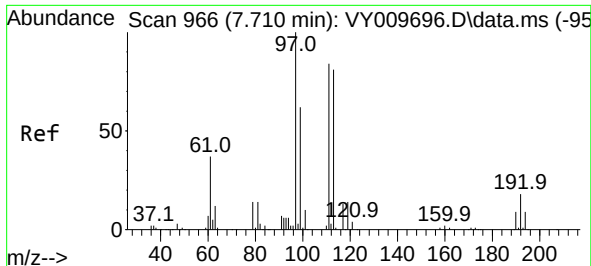
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.3 0.0 31.8

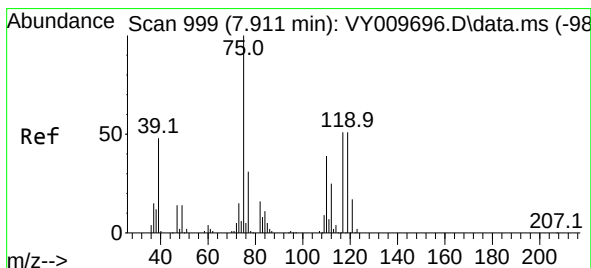
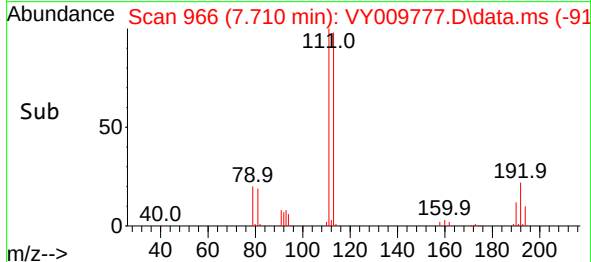
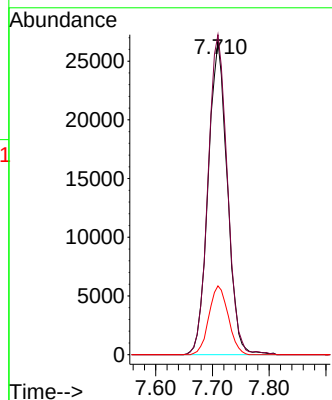
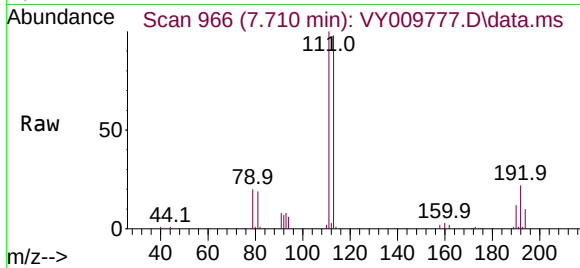




#35
Dibromofluoromethane
Concen: 41.122 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

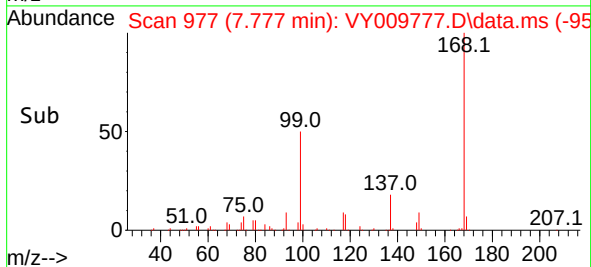
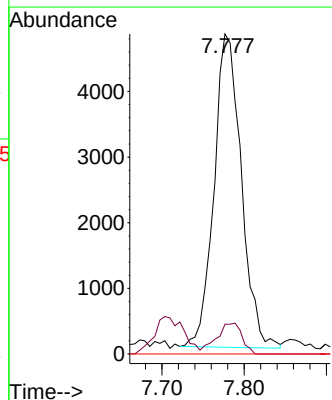
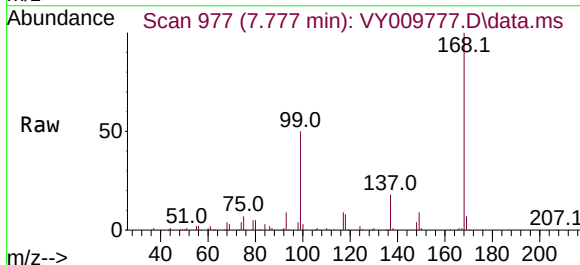
Instrument :
MSVOA_Y
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RVE-112

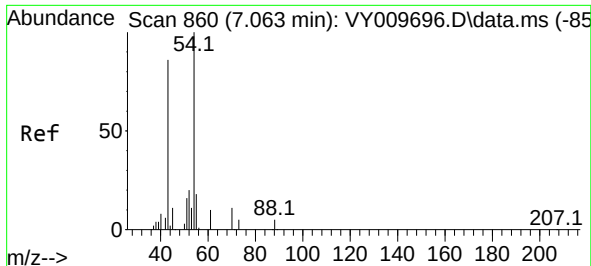
Tgt Ion:113 Resp: 62667
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion: 75 Resp: 11001
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.282 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.079 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

RVE-112

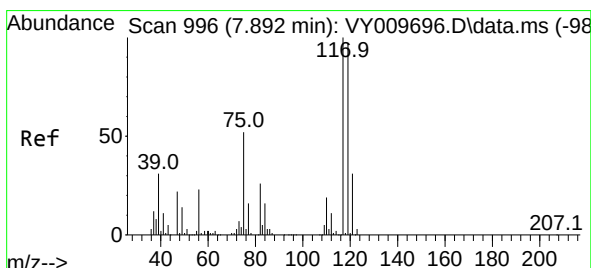
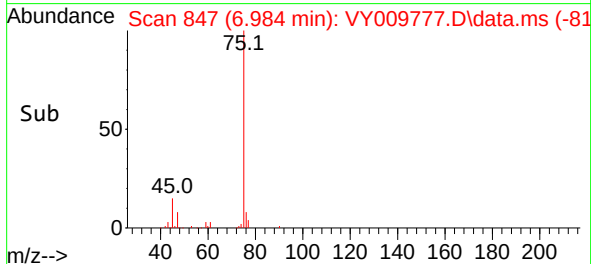
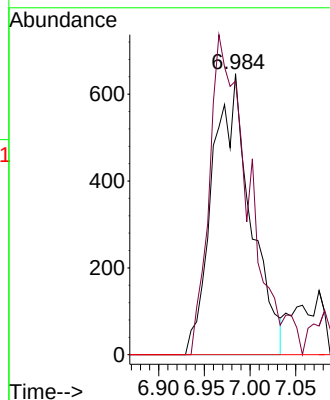
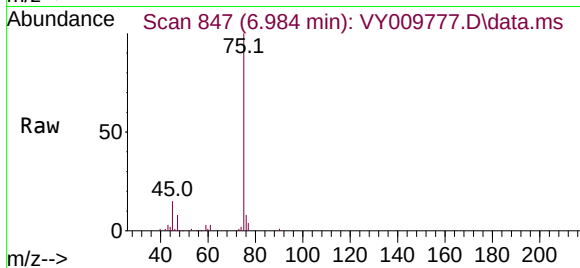
Tgt Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

61 117.5 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.368 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009777.D

Acq: 29 Jul 2022 17:02

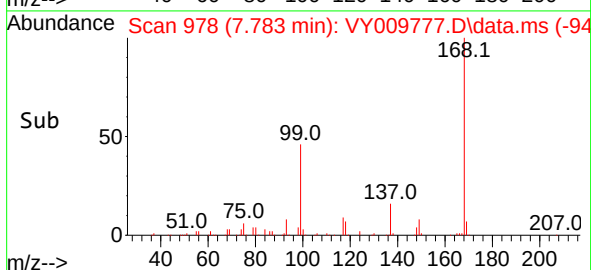
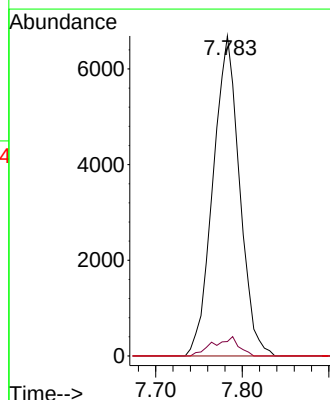
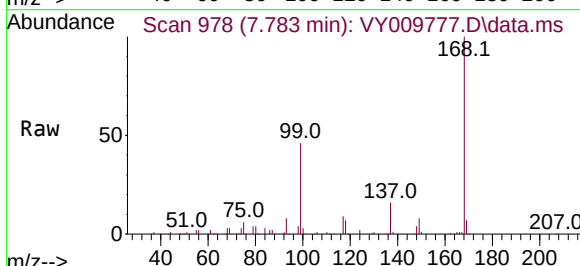
Tgt Ion: 117 Resp: 14262

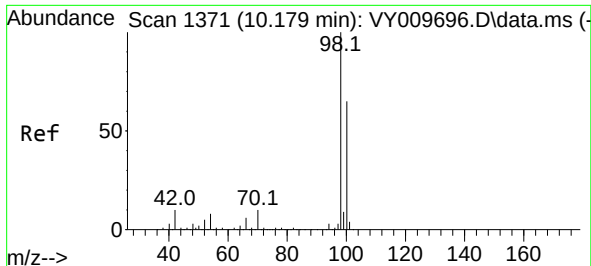
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

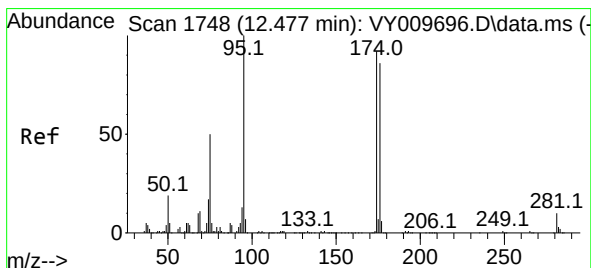
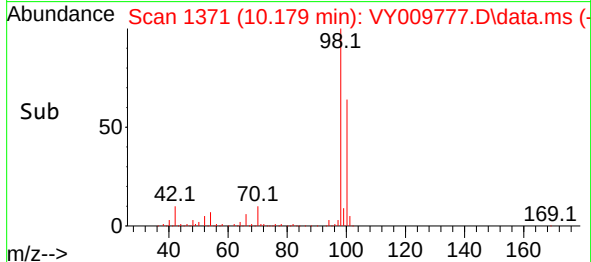
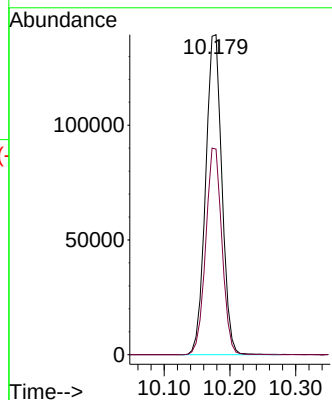
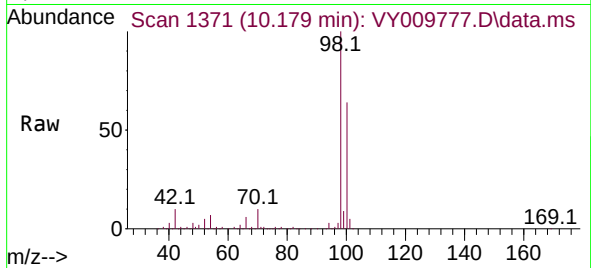




#50
Toluene-d8
Concen: 54.433 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

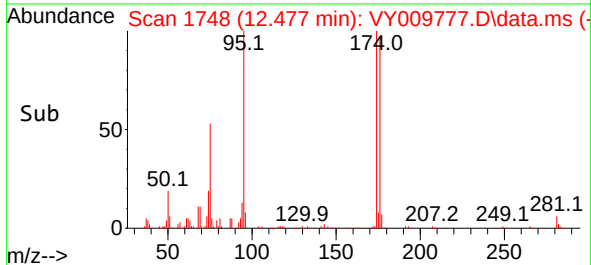
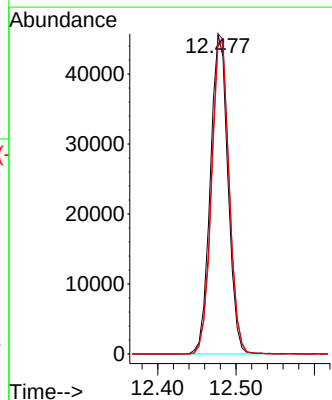
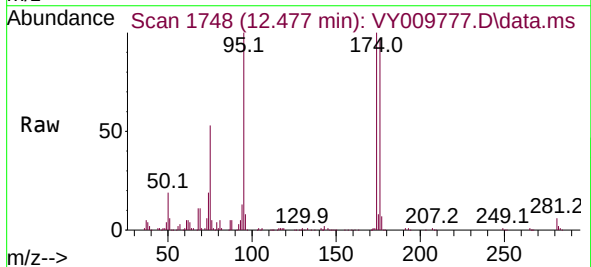
Instrument :
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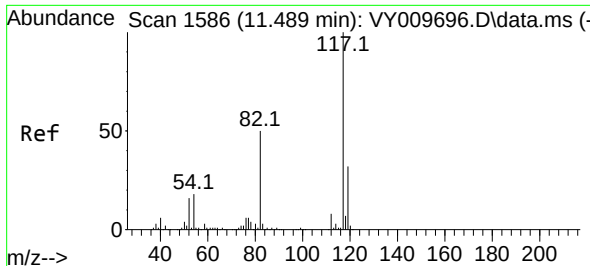
Tgt Ion: 98 Resp: 239919
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.221 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion: 95 Resp: 71171
Ion Ratio Lower Upper
95 100
174 100.5 0.0 177.0
176 97.0 0.0 175.8

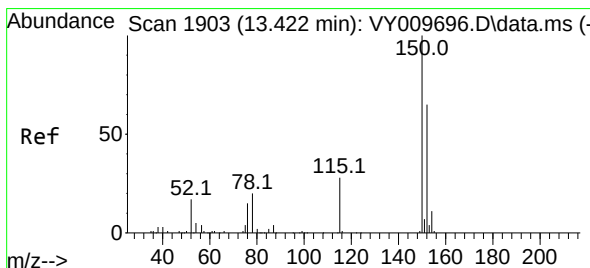
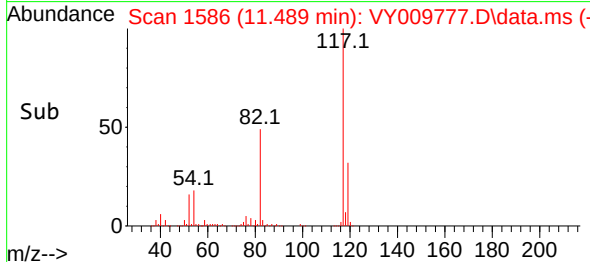
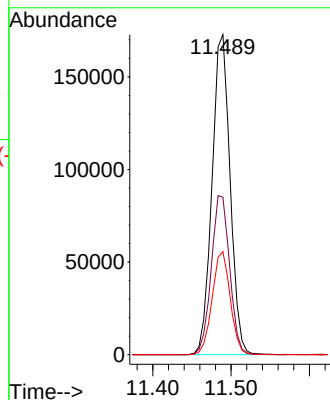
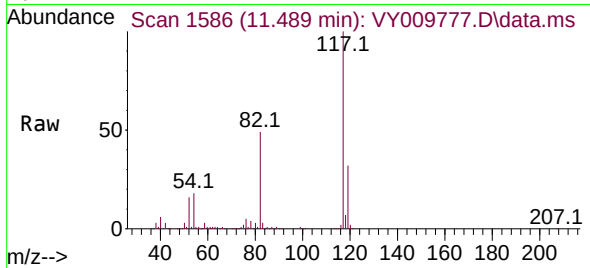




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

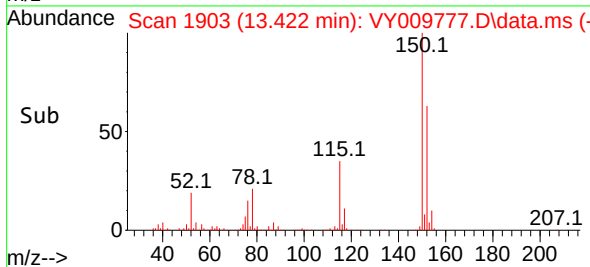
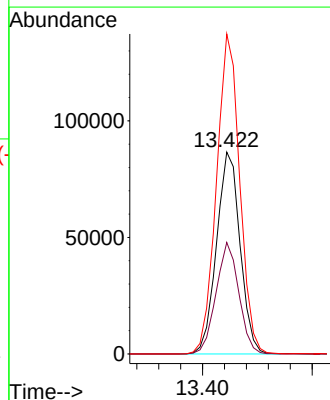
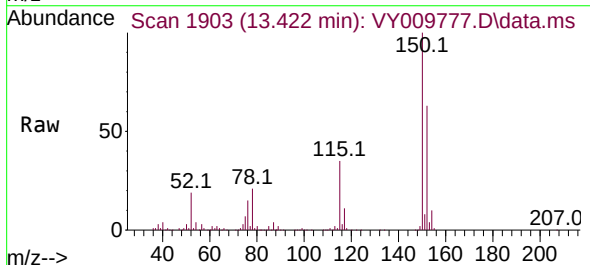
Instrument :
MSVOA_Y
ClientSampleId :
RVE-112

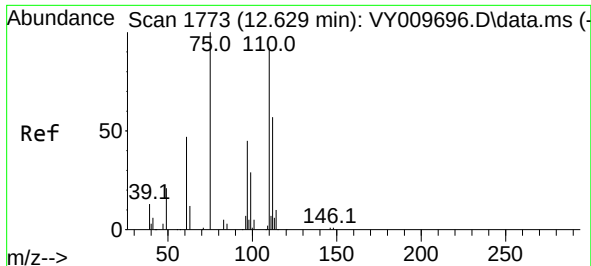
Tgt Ion:117 Resp: 277070
Ion Ratio Lower Upper
117 100
82 49.2 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion:152 Resp: 129012
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 156.5 0.0 347.6

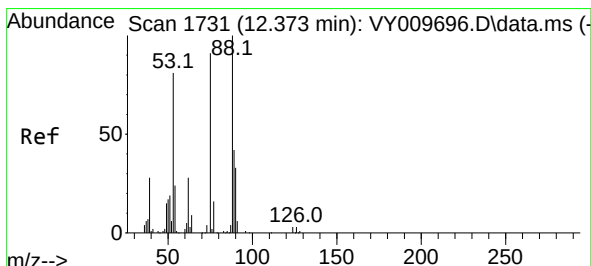
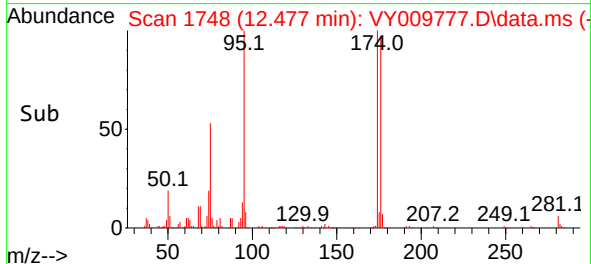
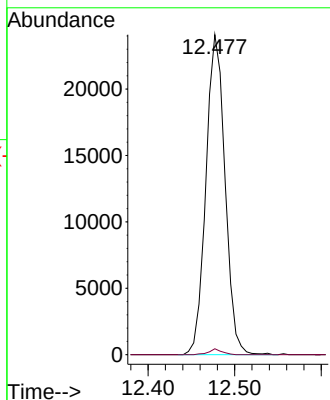
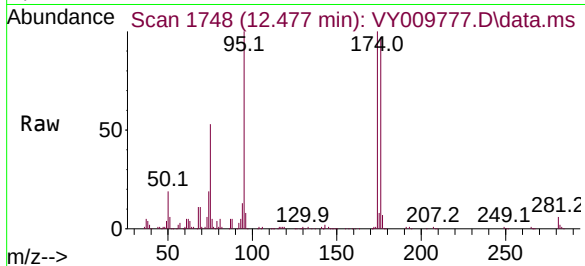




#76
1,2,3-Trichloropropane
Concen: 30.788 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
RVE-112

Tgt Ion: 75 Resp: 36894
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009777.D
Acq: 29 Jul 2022 17:02

Tgt Ion: 75 Resp: 36894
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

