

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012914.D
 Acq On : 10 Mar 2023 12:33
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 11 05:48:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

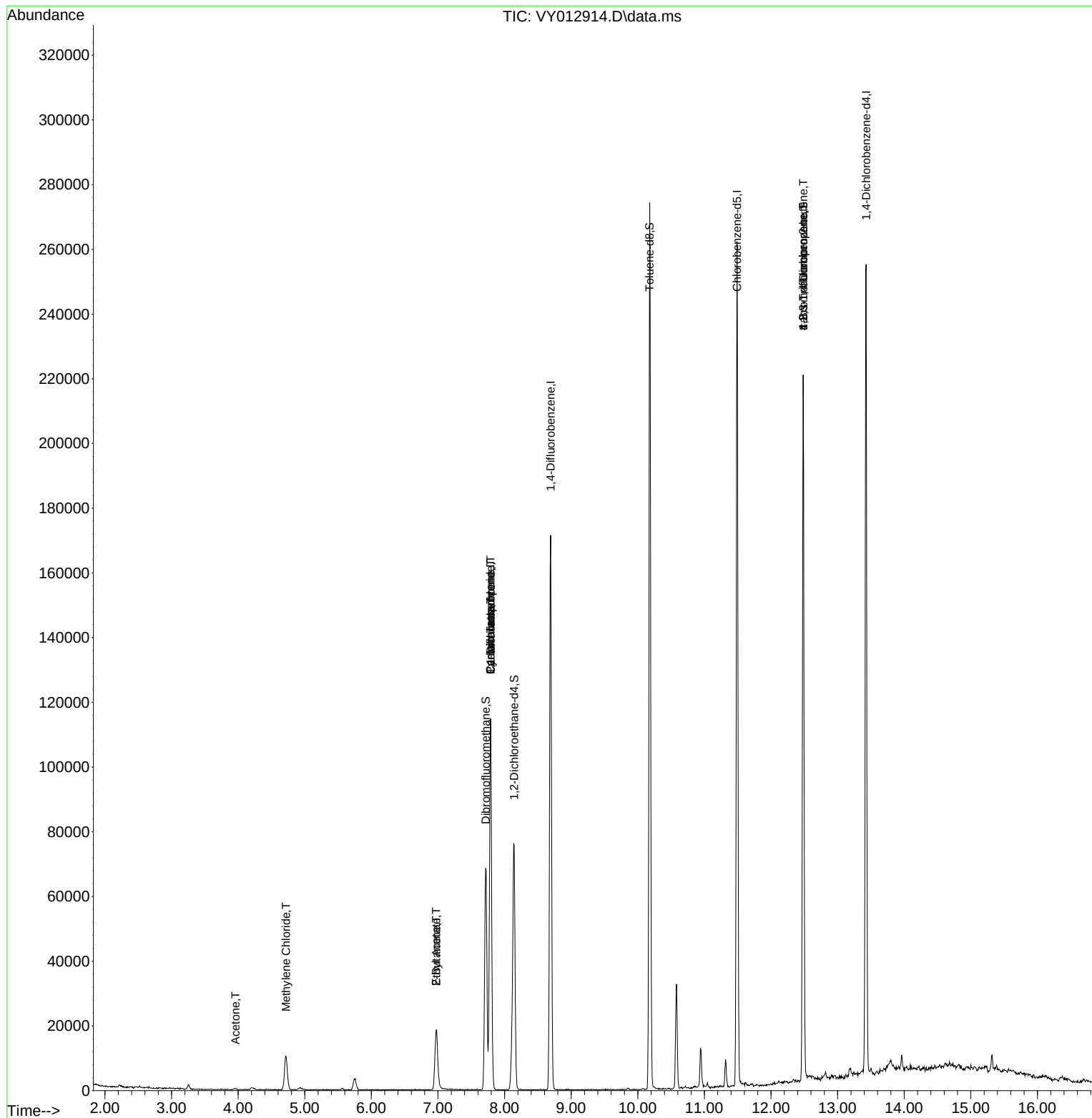
Internal Standards						
1) Pentafluorobenzene	7.789	168	87785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54390	62.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.800%			
35) Dibromofluoromethane	7.716	113	48955	55.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.480%			
50) Toluene-d8	10.179	98	176370	54.934	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.860%			
62) 4-Bromofluorobenzene	12.483	95	59334	54.754	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.500%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	894	Below Cal	#	74
16) Acetone	3.960	43	675	1.973	ug/l	95
20) Methylene Chloride	4.716	84	7826	2.379	ug/l	94
25) 2-Butanone	6.972	43	1189	2.806	ug/l	# 79
31) Cyclohexane	7.789	56	1798	1.077	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	6904	4.691	ug/l	# 48
37) Ethyl Acetate	6.972	43	1189	1.282	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	8639	5.684	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	30560	39.480	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	30560	81.805	ug/l	# 13

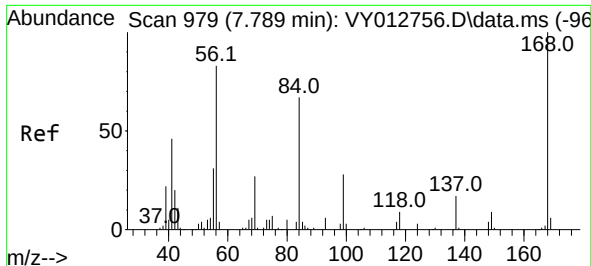
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

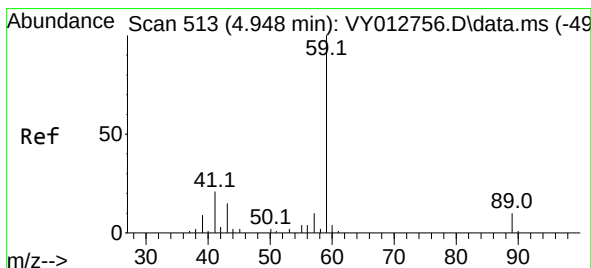
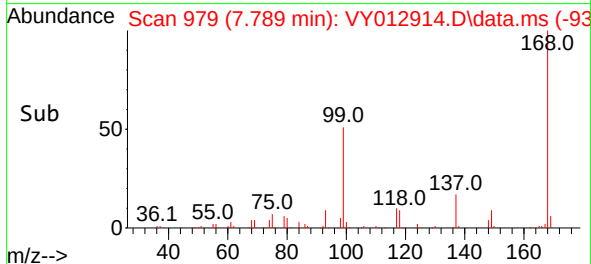
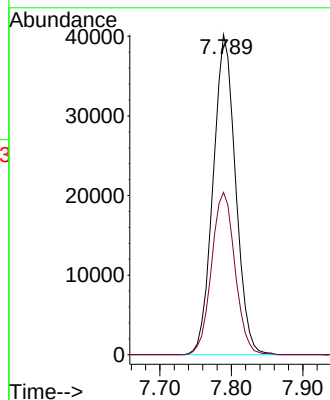
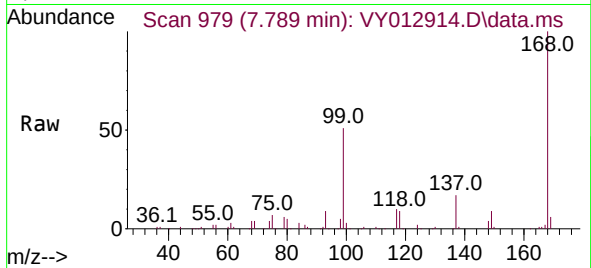




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

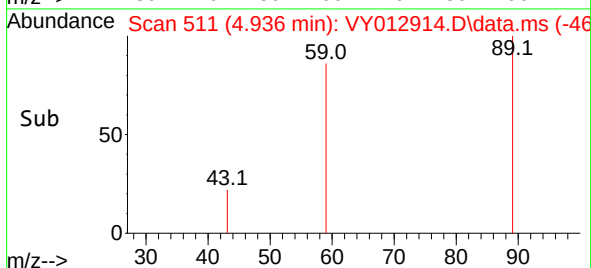
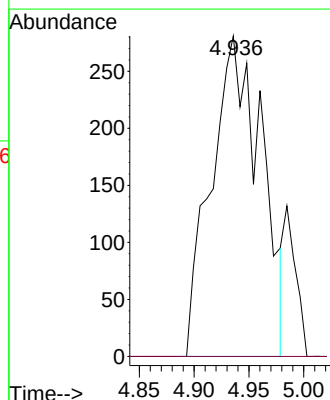
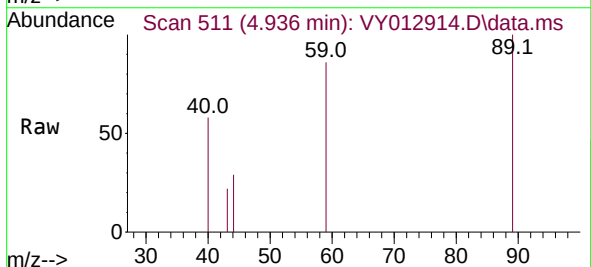
Instrument :
MSVOA_Y
ClientSampleId :

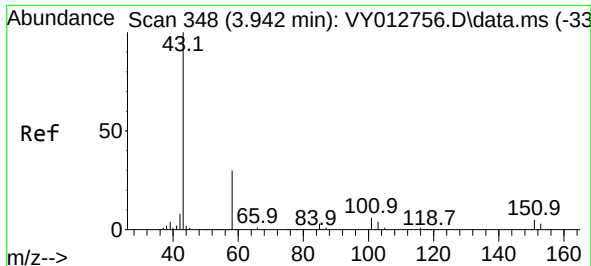
Tgt Ion:168 Resp: 87785
Ion Ratio Lower Upper
168 100
99 50.7 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

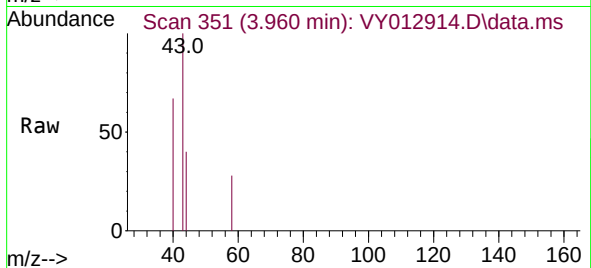
Tgt Ion: 59 Resp: 894
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



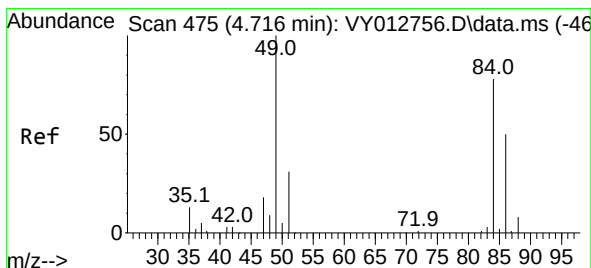
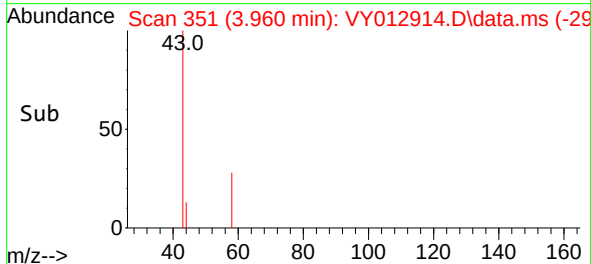
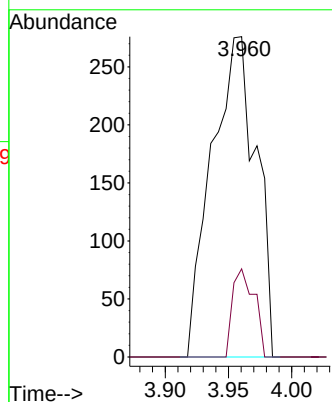


#16
Acetone
Concen: 1.973 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Instrument :
MSVOA_Y
ClientSampleId :

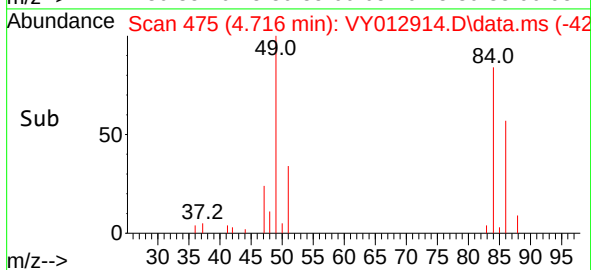
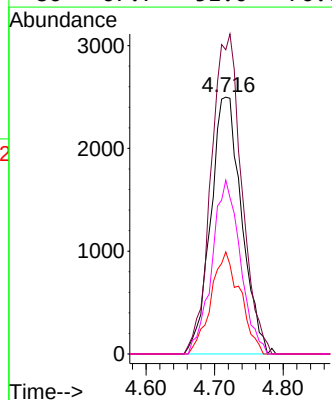
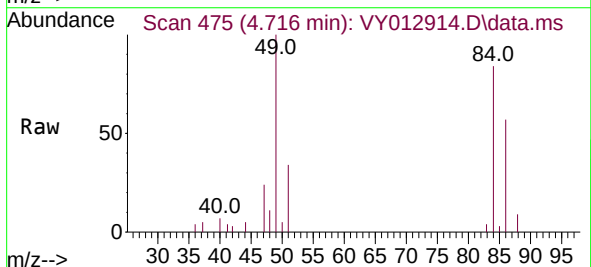


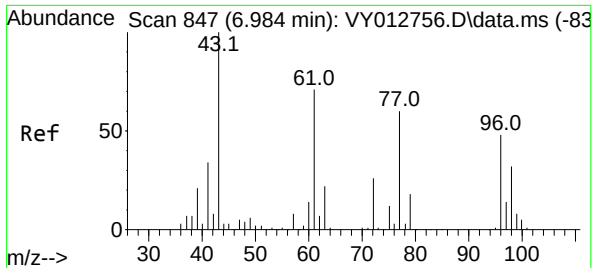
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
58 27.5 24.2 36.2



#20
Methylene Chloride
Concen: 2.379 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

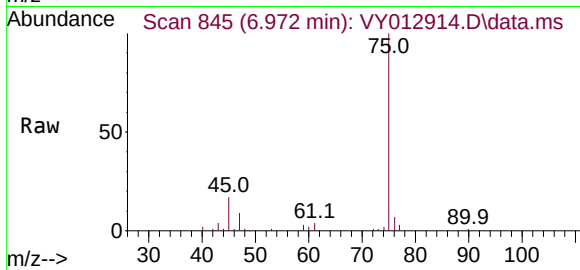
Tgt Ion: 84 Resp: 7826
Ion Ratio Lower Upper
84 100
49 118.5 102.6 154.0
51 39.8 31.9 47.9
86 67.7 51.0 76.6



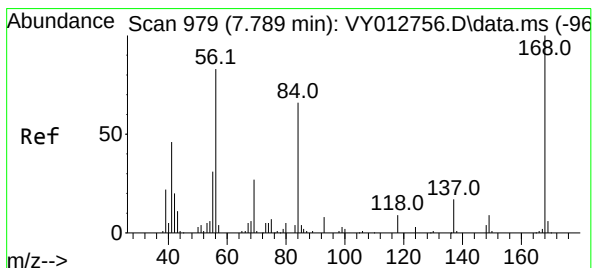
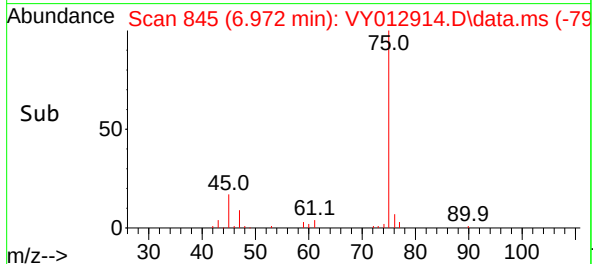
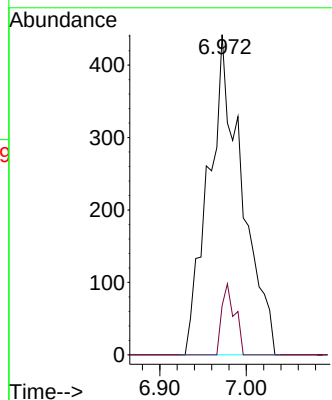


#25
2-Butanone
Concen: 2.806 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Instrument :
MSVOA_Y
ClientSampleId :

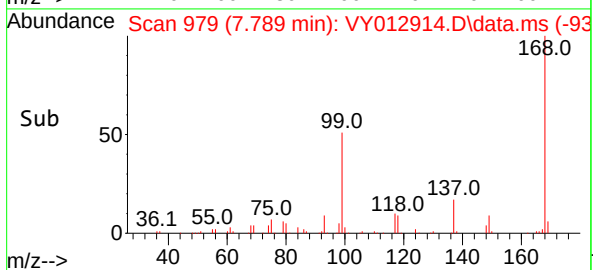
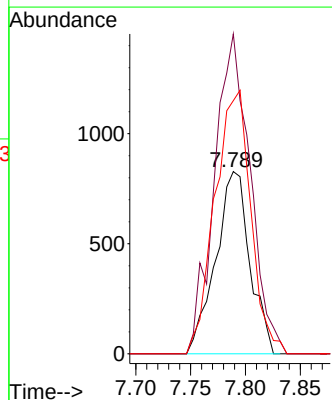
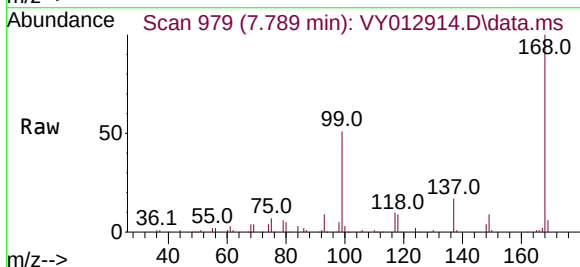


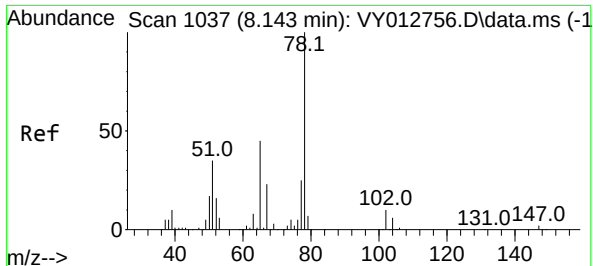
Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
72 15.4 21.0 31.4#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Tgt Ion: 56 Resp: 1798
Ion Ratio Lower Upper
56 100
69 175.5 25.7 38.5#
84 138.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 62.403 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012914.D

Acq: 10 Mar 2023 12:33

Instrument :

MSVOA_Y

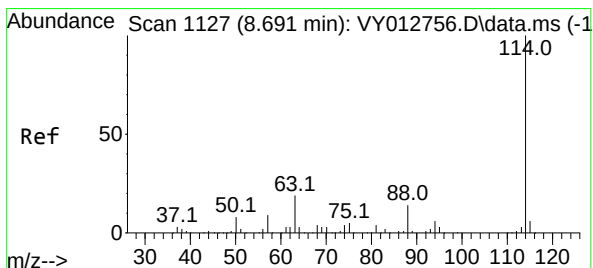
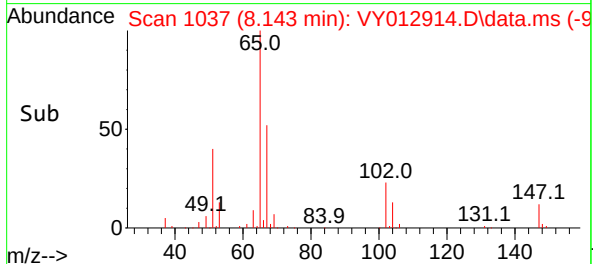
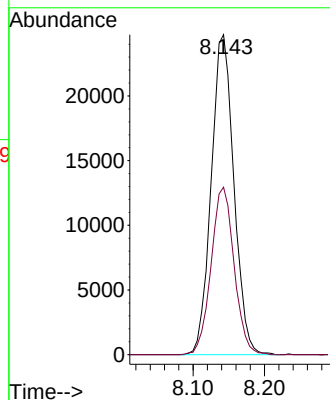
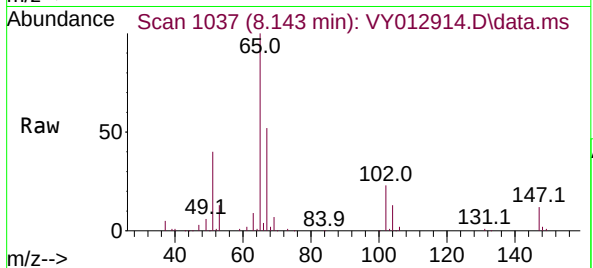
ClientSampleId :

Tgt Ion: 65 Resp: 54390

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012914.D

Acq: 10 Mar 2023 12:33

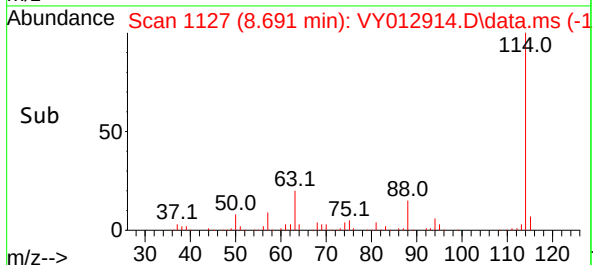
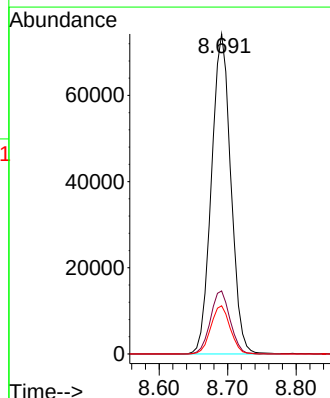
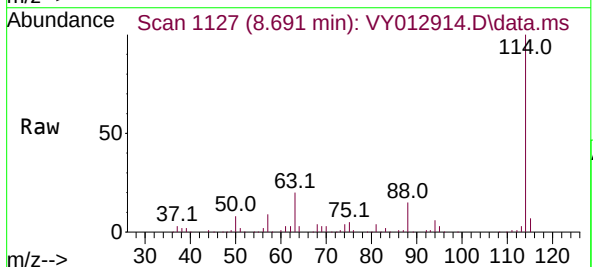
Tgt Ion: 114 Resp: 145520

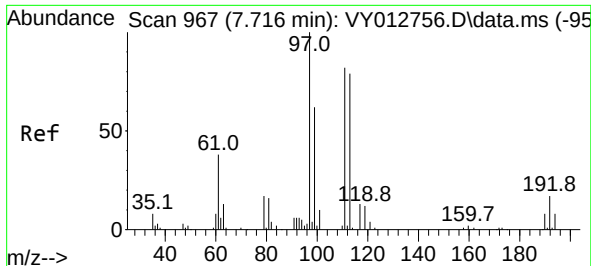
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

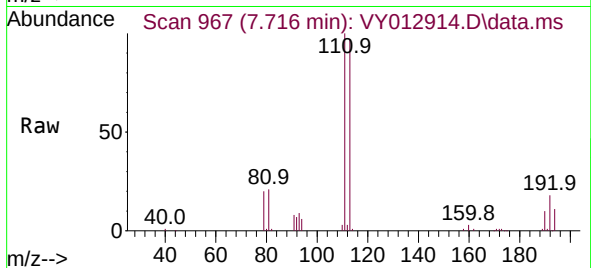
88 15.0 0.0 28.6



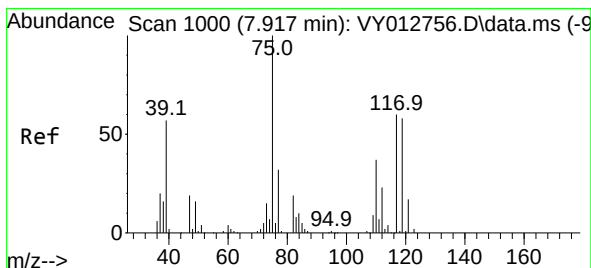
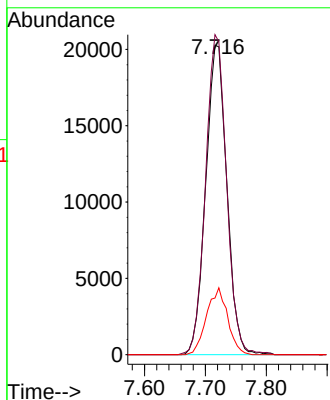
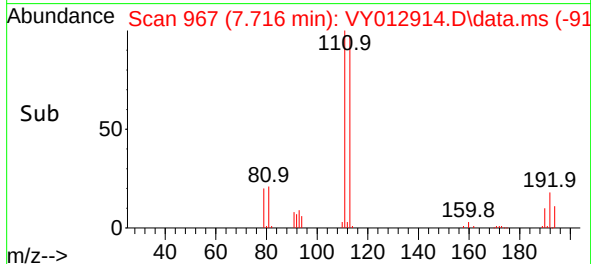


#35
Dibromofluoromethane
Concen: 55.744 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Instrument :
MSVOA_Y
ClientSampleId :

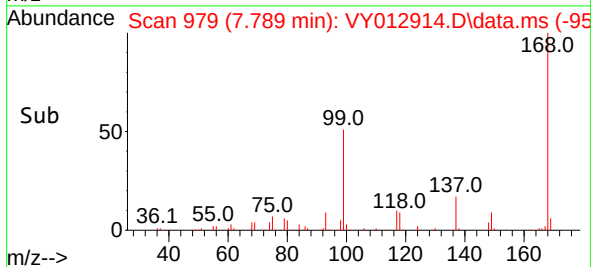
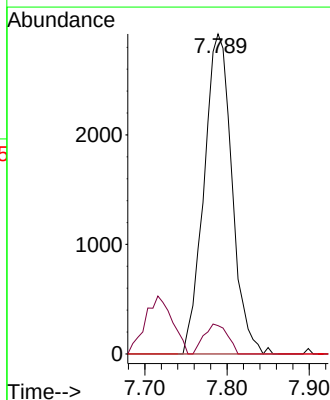
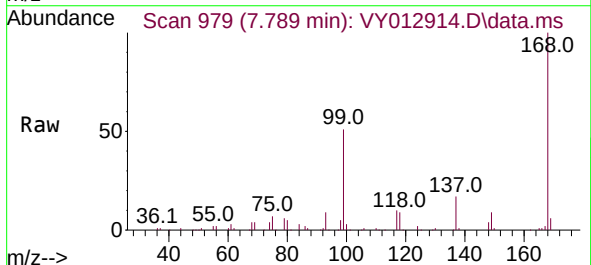


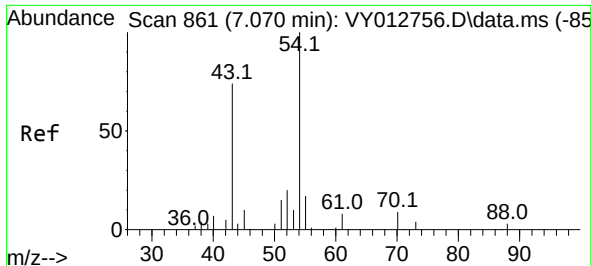
Tgt Ion:113 Resp: 48955
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.691 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Tgt Ion: 75 Resp: 6904
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.282 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

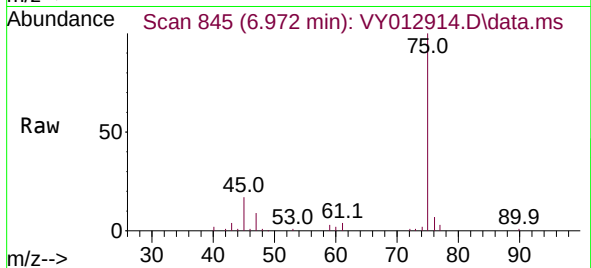
Lab File: VY012914.D

Acq: 10 Mar 2023 12:33

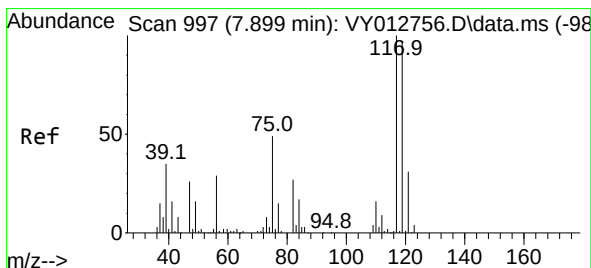
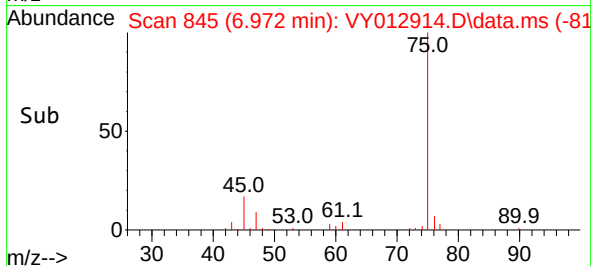
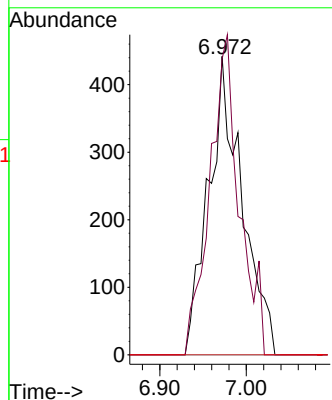
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	1189
Ion	Ratio	Lower	Upper
43	100		
61	94.1	10.7	16.1#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 5.684 ug/l

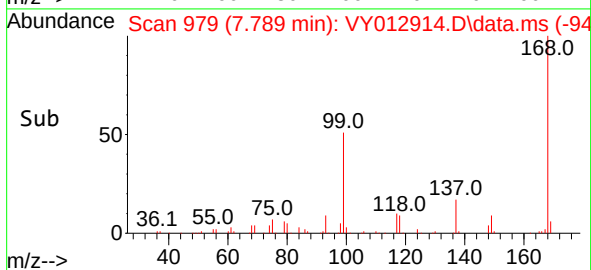
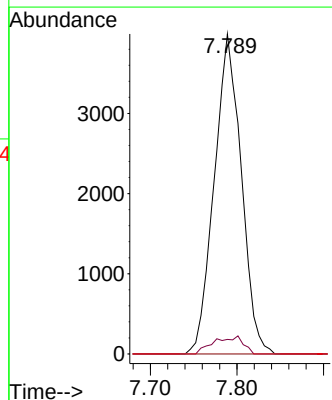
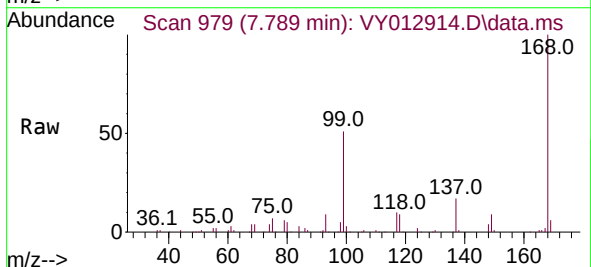
RT: 7.789 min Scan# 979

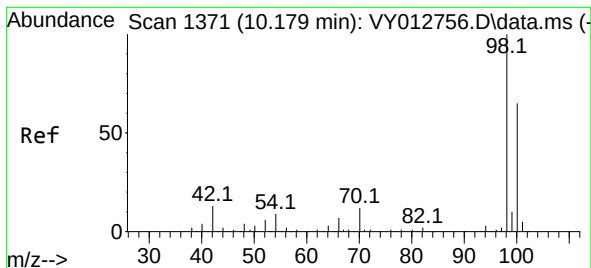
Delta R.T. -0.110 min

Lab File: VY012914.D

Acq: 10 Mar 2023 12:33

Tgt Ion:	117	Resp:	8639
Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.2	115.8#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 54.934 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012914.D

Acq: 10 Mar 2023 12:33

Instrument :

MSVOA_Y

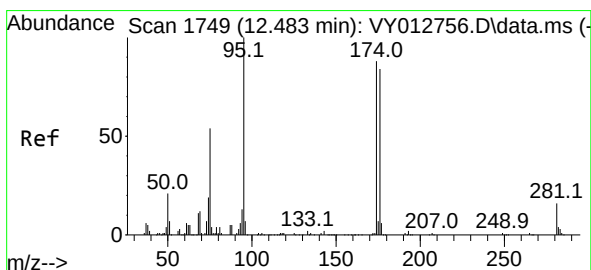
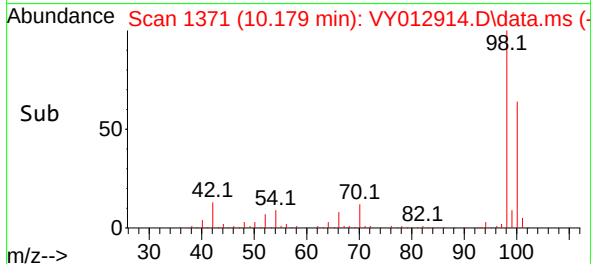
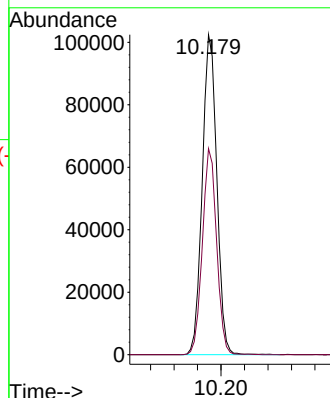
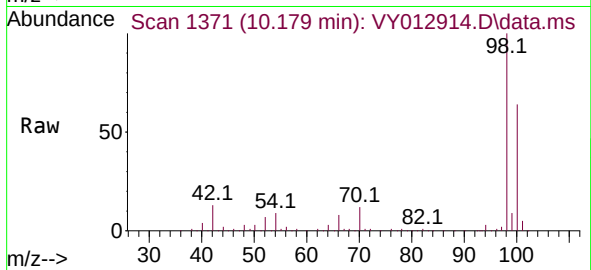
ClientSampleId :

Tgt Ion: 98 Resp: 176370

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 54.754 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012914.D

Acq: 10 Mar 2023 12:33

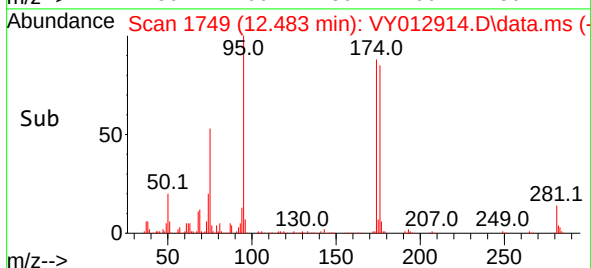
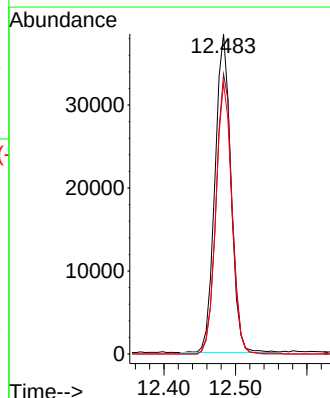
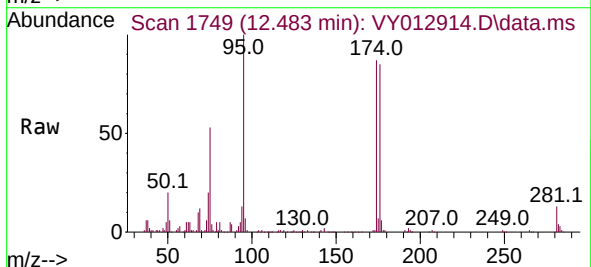
Tgt Ion: 95 Resp: 59334

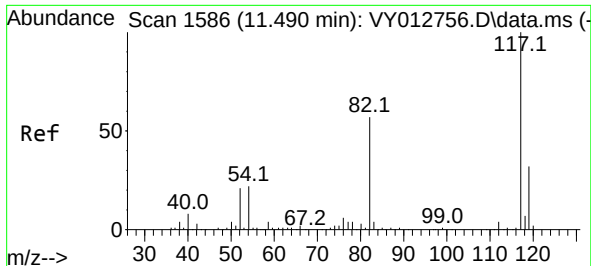
Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.6

176 85.0 0.0 170.2

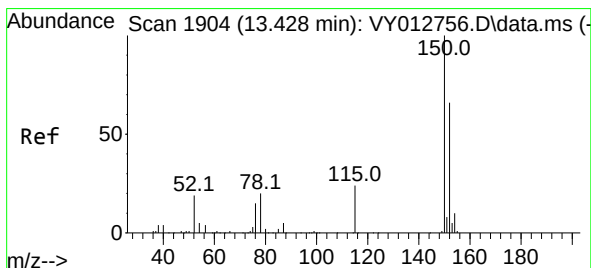
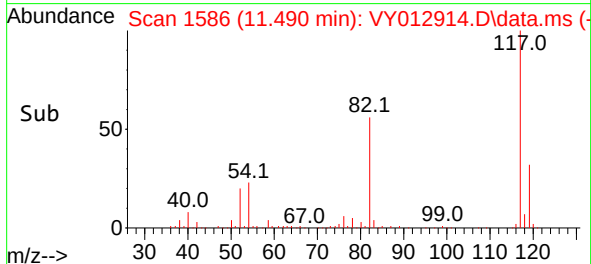
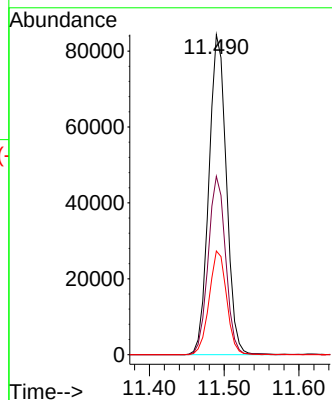
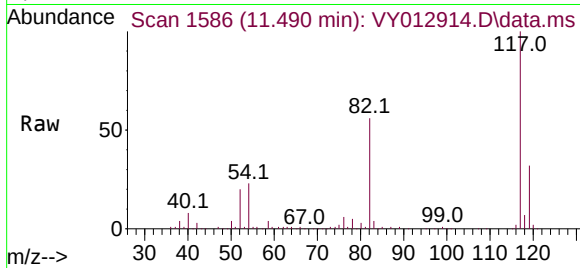




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

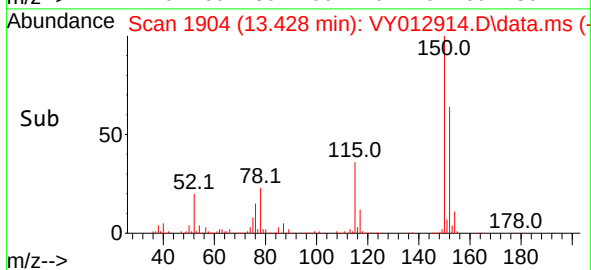
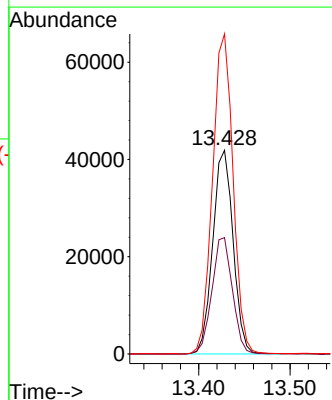
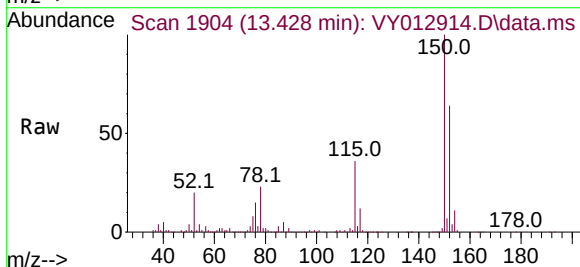
Instrument :
MSVOA_Y
ClientSampleId :

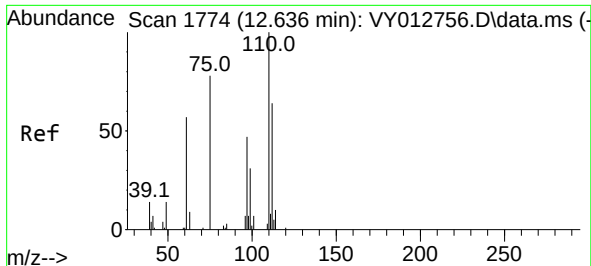
Tgt Ion:117 Resp: 136960
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Tgt Ion:152 Resp: 64820
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 158.4 0.0 347.8

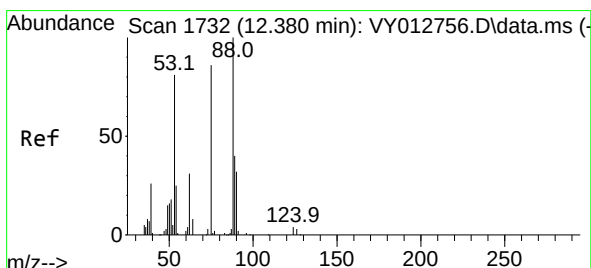
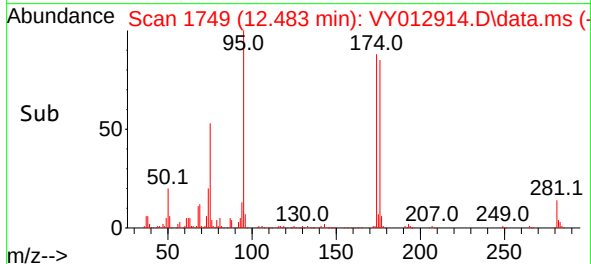
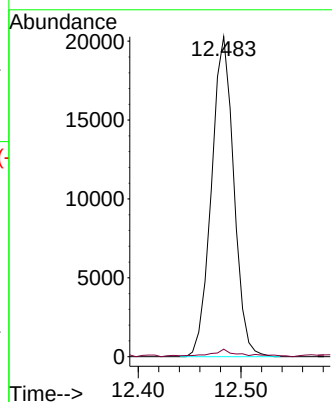
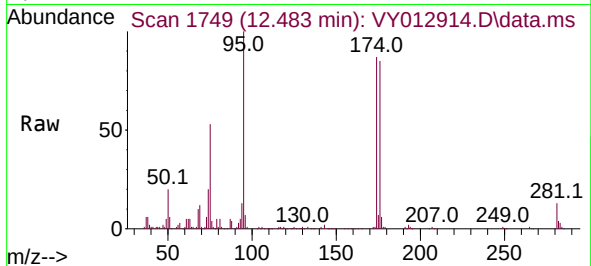




#76
1,2,3-Trichloropropane
Concen: 39.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30560
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.805 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012914.D
Acq: 10 Mar 2023 12:33

Tgt Ion: 75 Resp: 30560
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.1 36.6 55.0#

