

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015797.D
 Acq On : 03 Oct 2023 11:28
 Operator : SY/MD
 Sample : VY1003SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:05:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

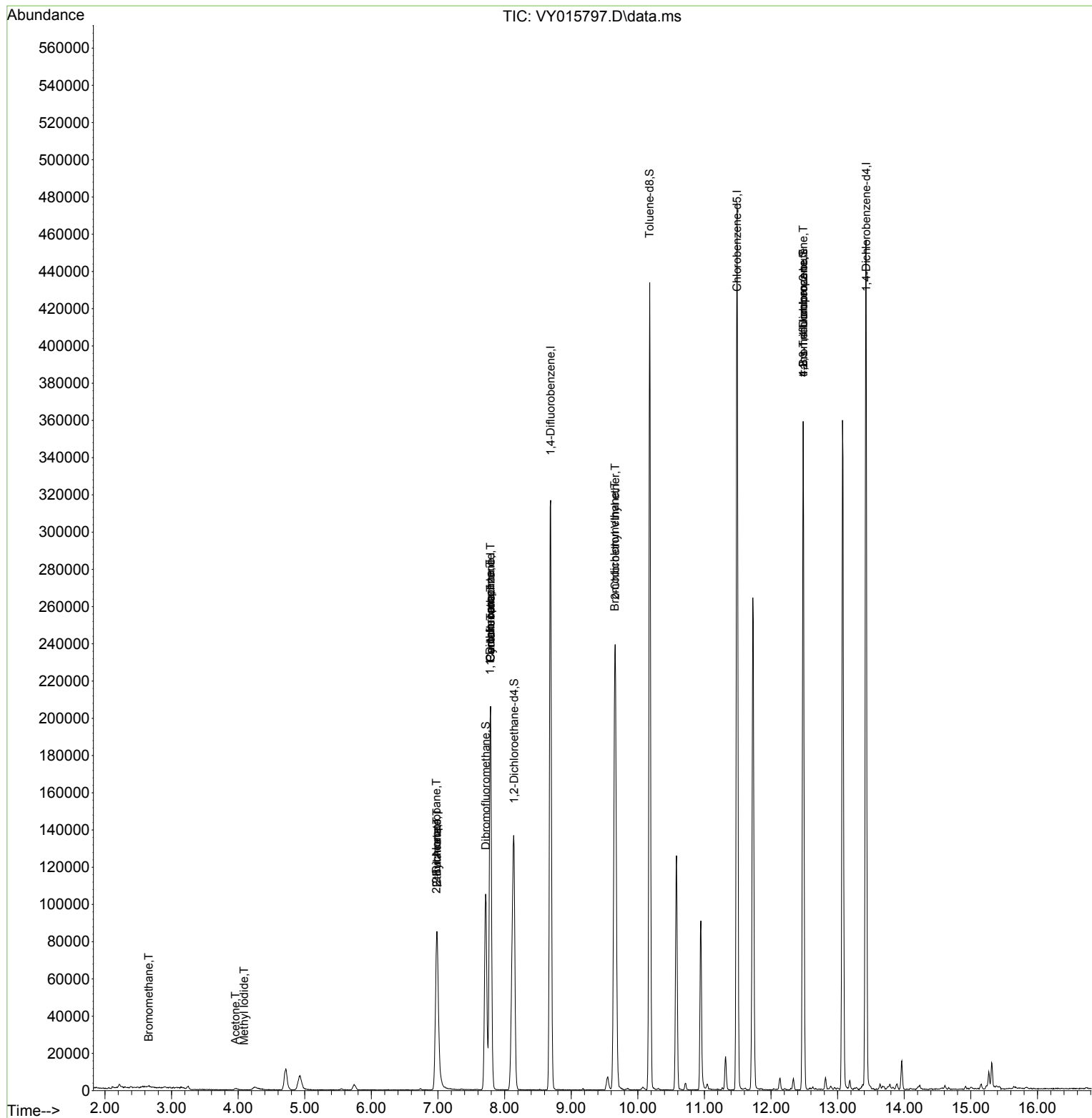
Internal Standards						
1) Pentafluorobenzene	7.789	168	161334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87937	49.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.716	113	76586	45.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.380%
50) Toluene-d8	10.179	98	279776	49.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.483	95	94727	42.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	282	2.732	ug/l	91
10) Methyl Iodide	4.088	142	134	2.796	ug/l #	57
11) Tert butyl alcohol	4.930	59	8857	Below Cal	#	89
16) Acetone	3.960	43	1738	1.830	ug/l	93
20) Methylene Chloride	4.716	84	8297	Below Cal		97
25) 2-Butanone	6.984	43	4823	3.592	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	6900	2.218	ug/l #	54
31) Cyclohexane	7.789	56	3299	1.342	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12395	5.001	ug/l #	50
37) Ethyl Acetate	6.984	43	4823	1.951	ug/l #	1
38) Carbon Tetrachloride	7.789	117	15932	5.922	ug/l #	16
47) Bromodichloromethane	9.655	83	7547	2.511	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.661	63	1491	1.612	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	50689	26.649	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50689	60.011	ug/l #	11

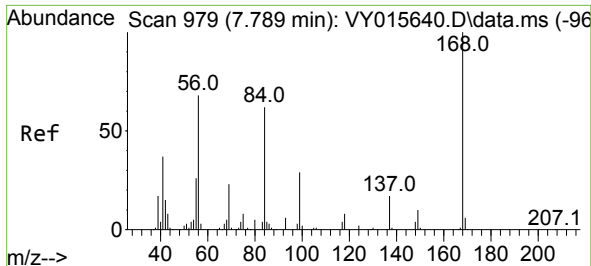
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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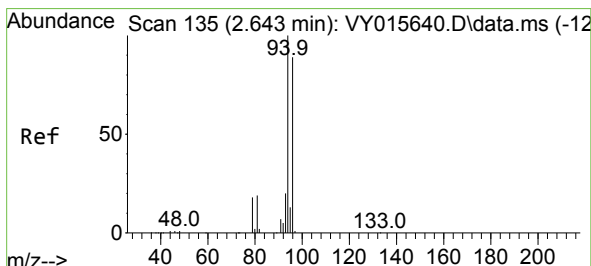
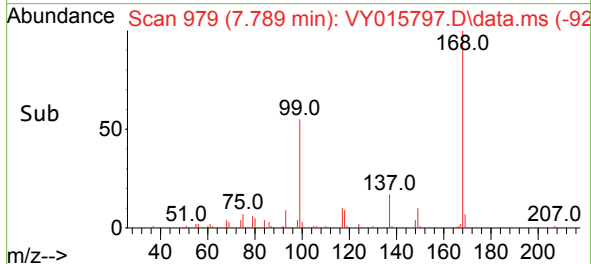
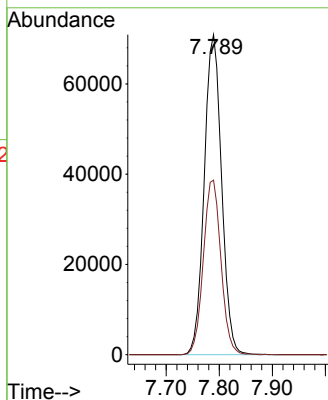
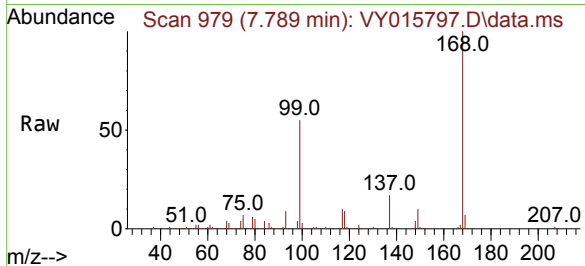




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

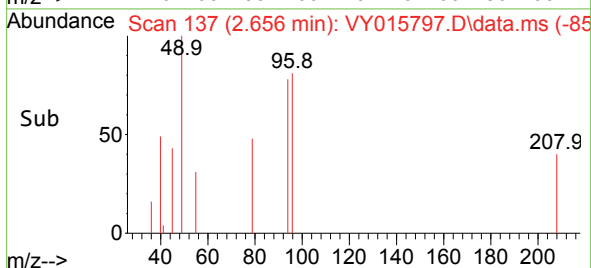
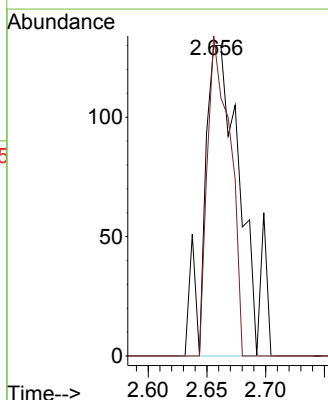
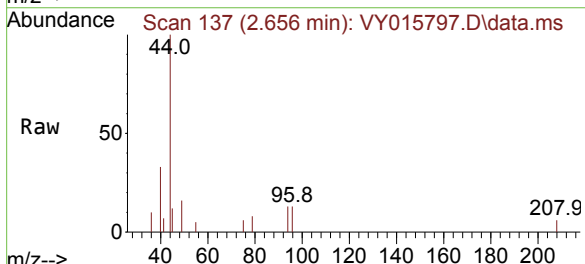
Instrument :
MSVOA_Y
ClientSampleId :

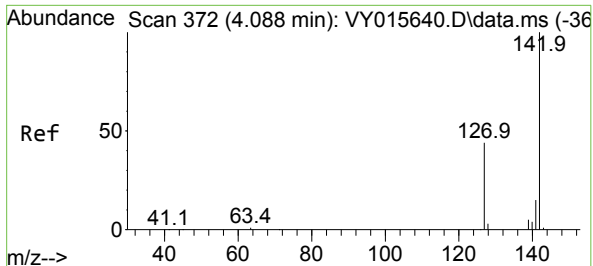
Tgt Ion:168 Resp: 161334
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#5
Bromomethane
Concen: 2.732 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 103.1 75.8 113.6

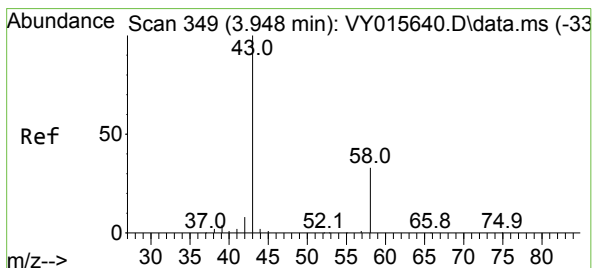
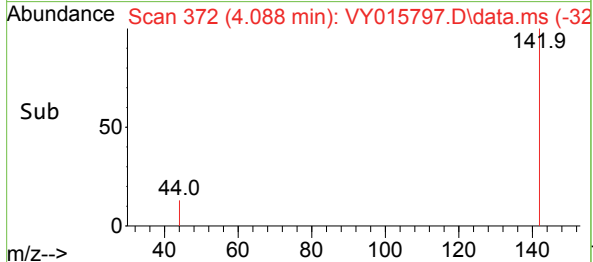
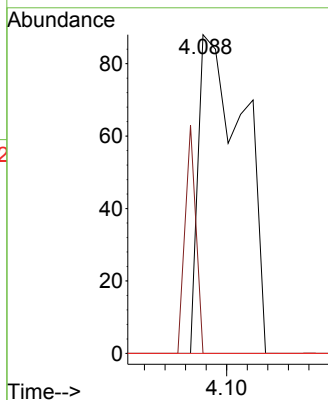
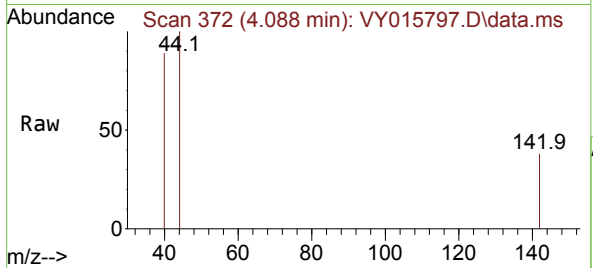




#10
Methyl Iodide
Concen: 2.796 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

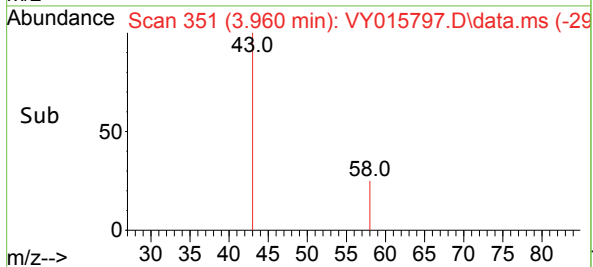
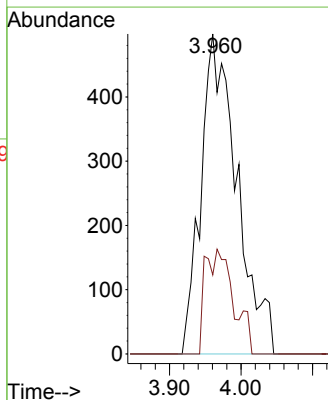
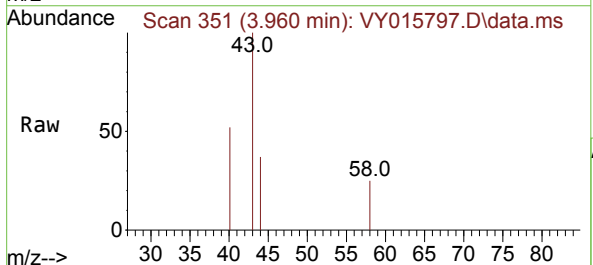
Instrument :
MSVOA_Y
ClientSampleId :

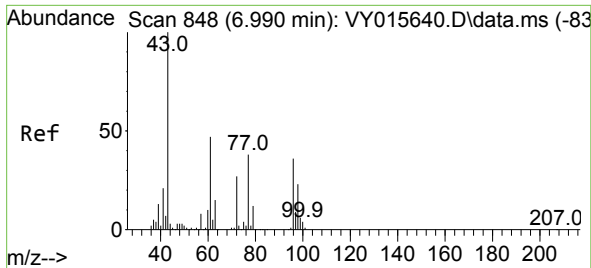
Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
127 17.2 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.830 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
58 24.7 22.7 34.1

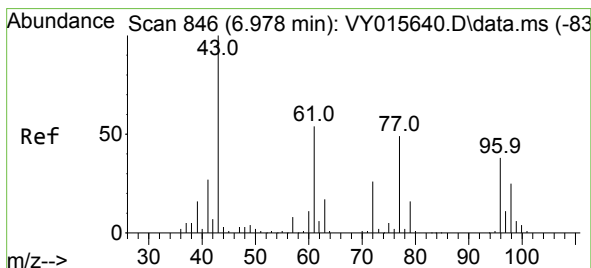
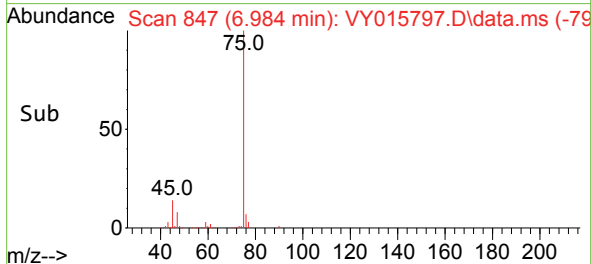
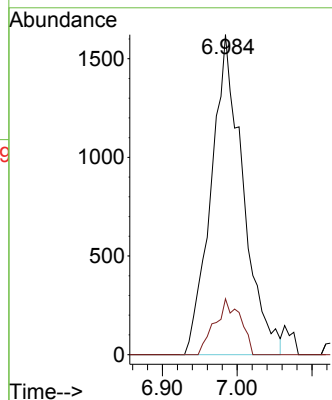
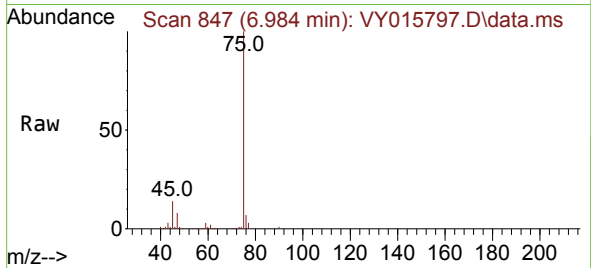




#25
2-Butanone
Concen: 3.592 ug/l
RT: 6.984 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

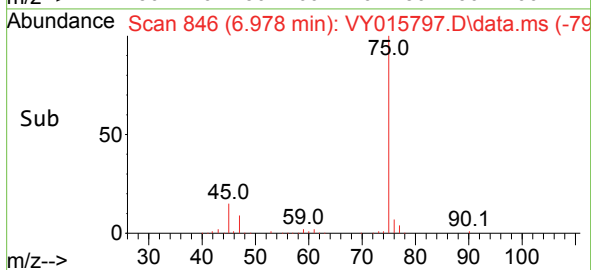
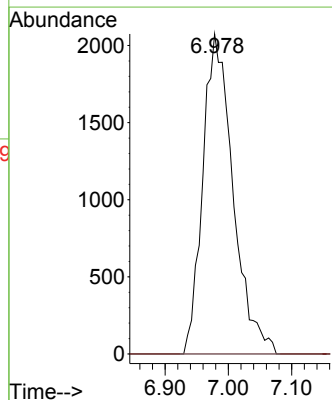
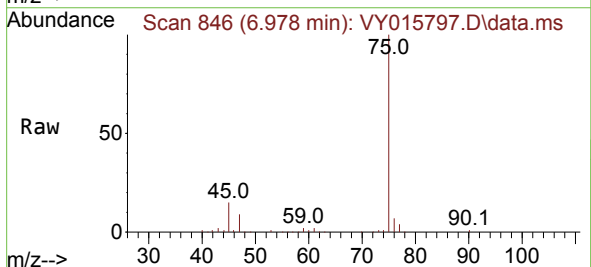
Instrument :
MSVOA_Y
ClientSampleId :

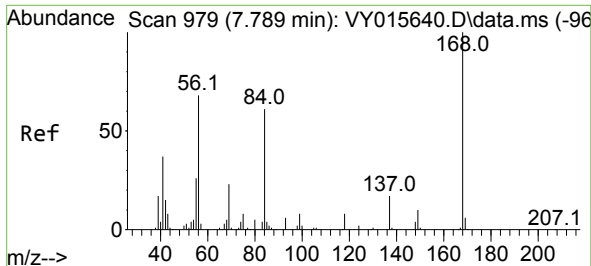
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
72 17.4 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.218 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

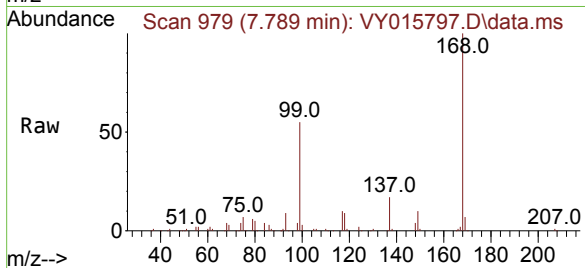
Tgt Ion: 77 Resp: 6900
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



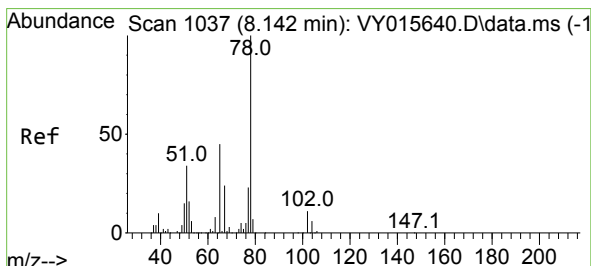
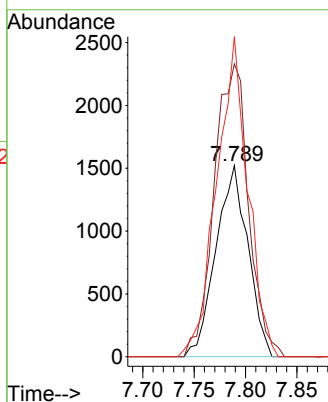
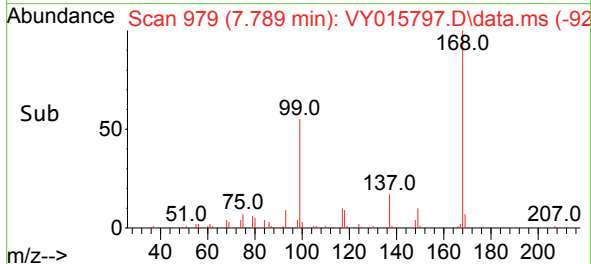


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

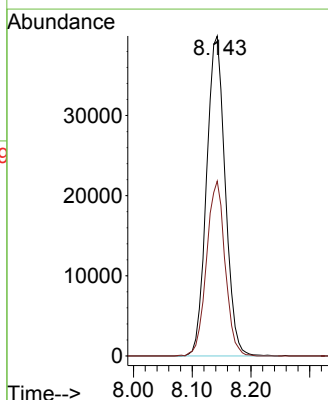
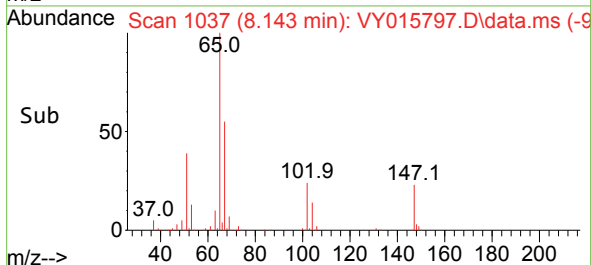
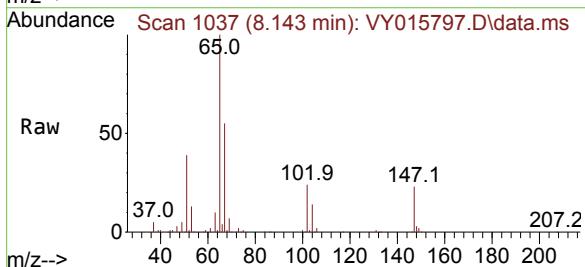


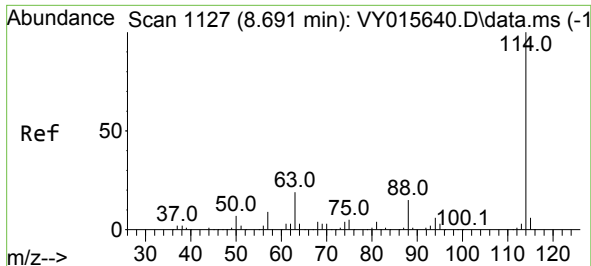
Tgt Ion: 56 Resp: 3299
Ion Ratio Lower Upper
56 100
69 153.2 27.8 41.6#
84 167.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.539 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion: 65 Resp: 87937
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015797.D

Acq: 03 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

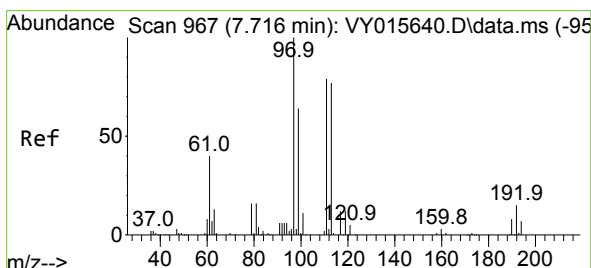
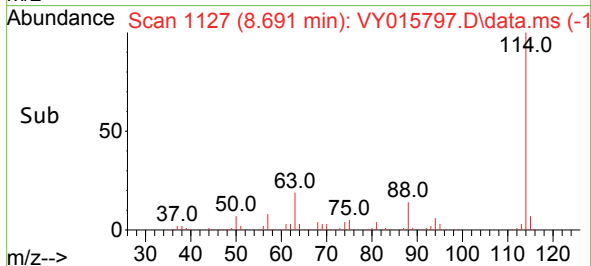
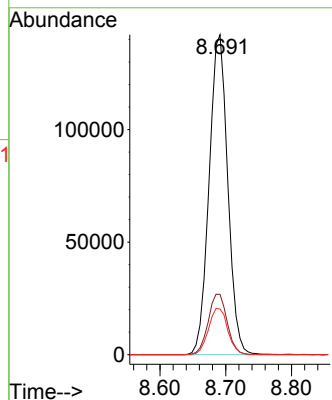
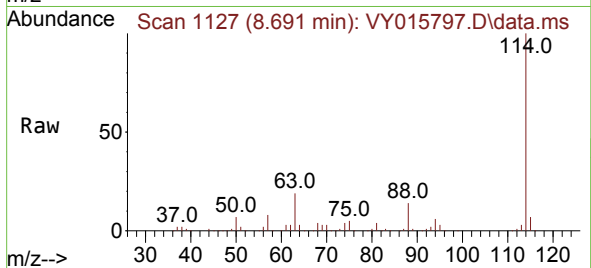
Tgt Ion:114 Resp: 280041

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.692 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015797.D

Acq: 03 Oct 2023 11:28

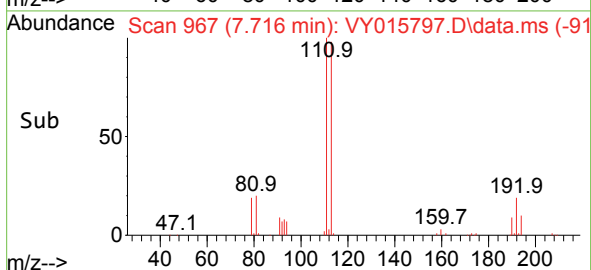
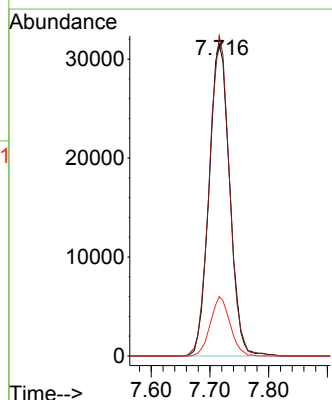
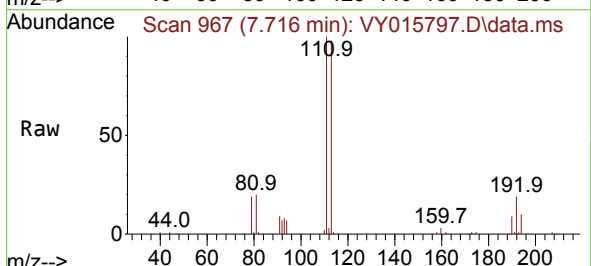
Tgt Ion:113 Resp: 76586

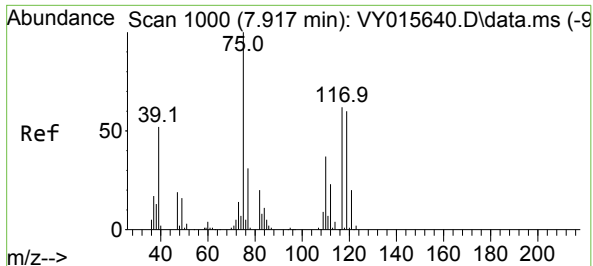
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

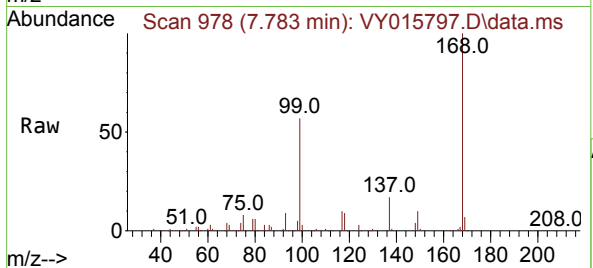
192 18.2 16.9 25.3



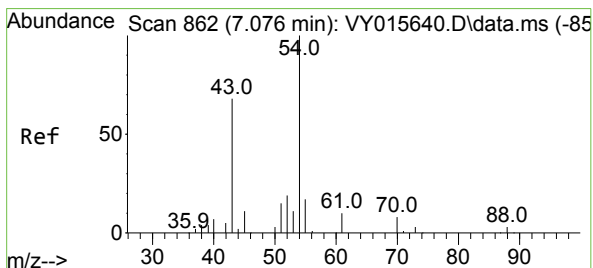
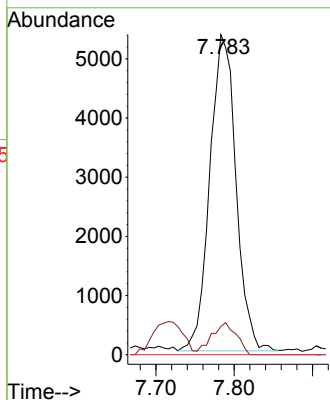
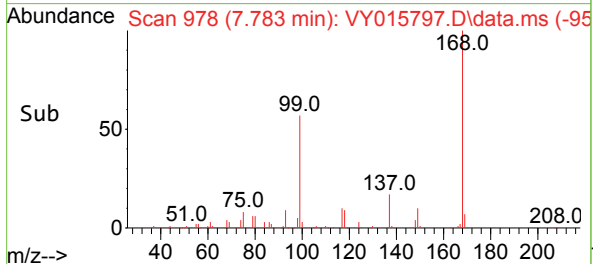


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

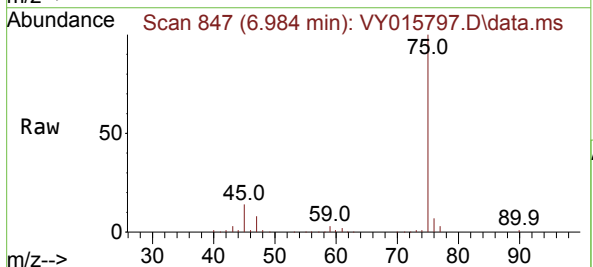
Instrument :
MSVOA_Y
ClientSampleId :



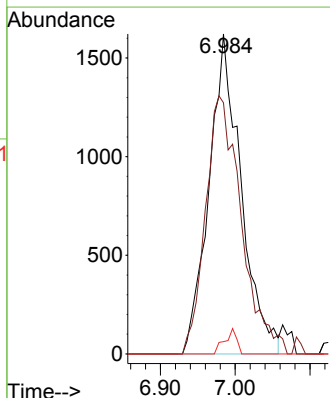
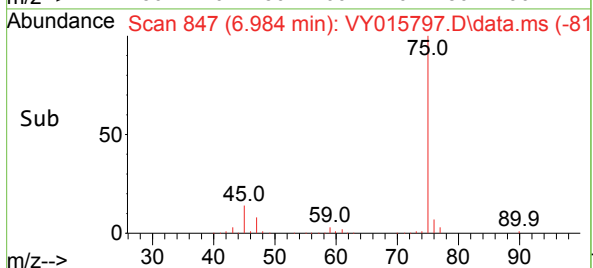
Tgt Ion: 75 Resp: 12395
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#

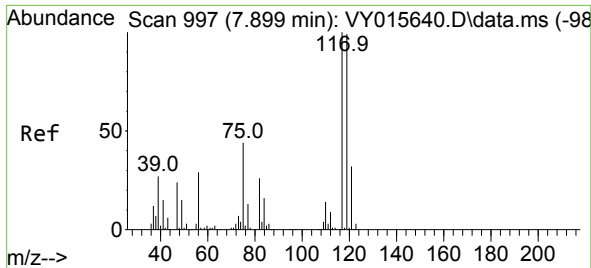


#37
Ethyl Acetate
Concen: 1.951 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28



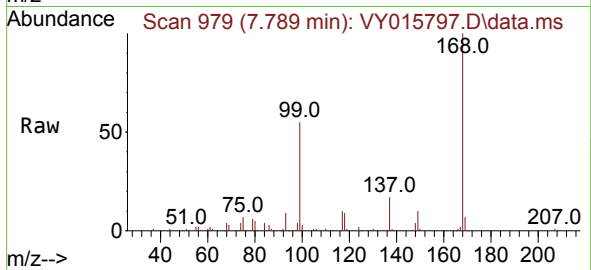
Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
61 90.3 10.1 15.1#
70 3.0 7.1 10.7#



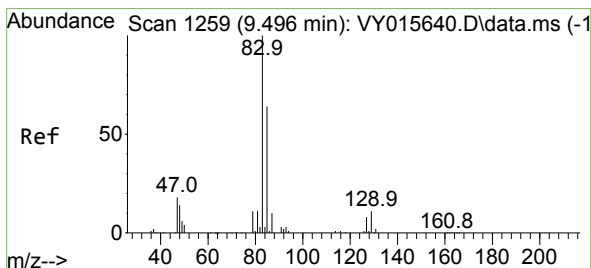
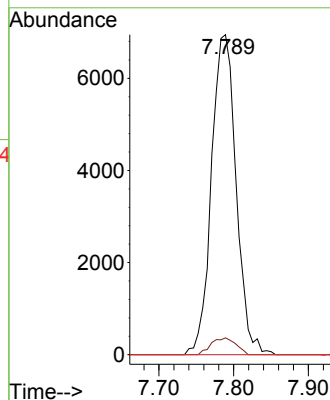
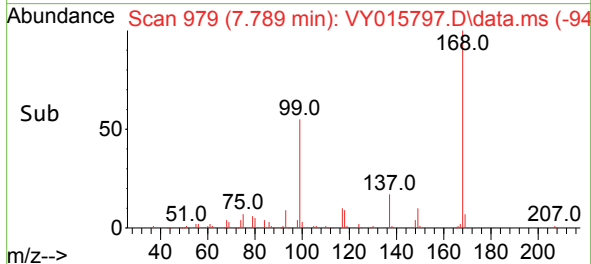


#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :

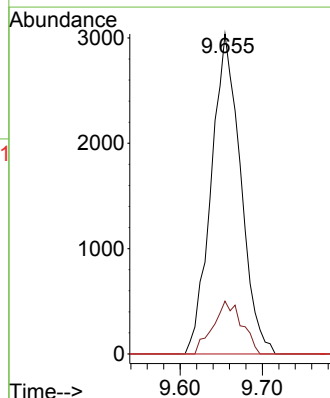
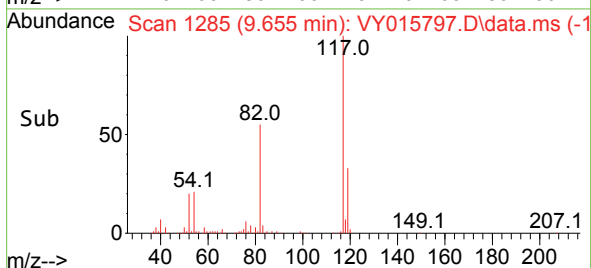
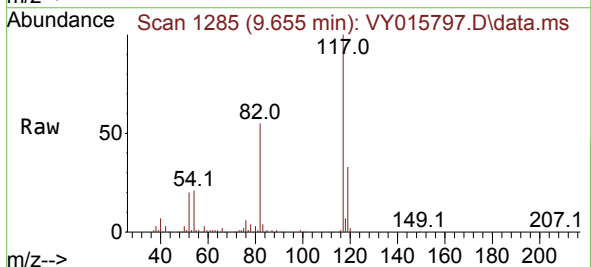


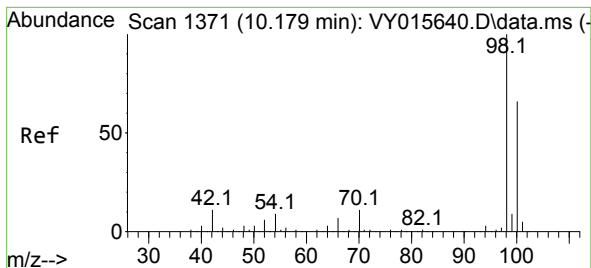
Tgt Ion:117 Resp: 15932
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#47
Bromodichloromethane
Concen: 2.511 ug/l
RT: 9.655 min Scan# 1285
Delta R.T. 0.165 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

Tgt Ion: 83 Resp: 7547
Ion Ratio Lower Upper
83 100
85 16.5 50.1 75.1#
127 0.0 7.1 10.7#





#50

Toluene-d8

Concen: 49.229 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015797.D

Acq: 03 Oct 2023 11:28

Instrument :

MSVOA_Y

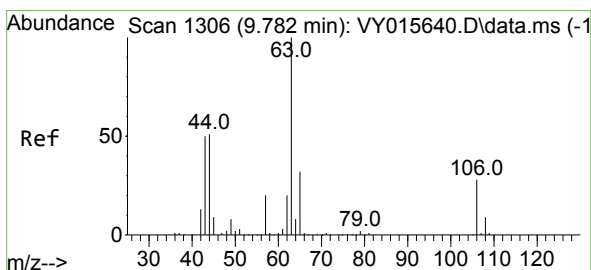
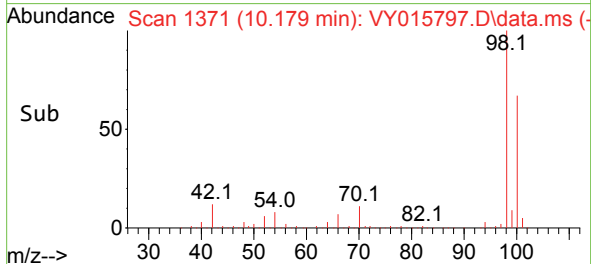
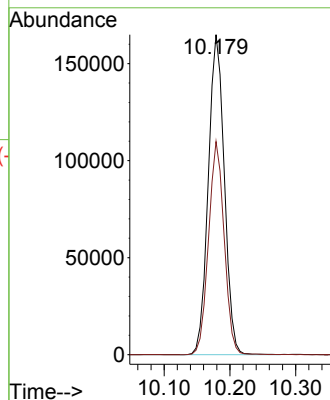
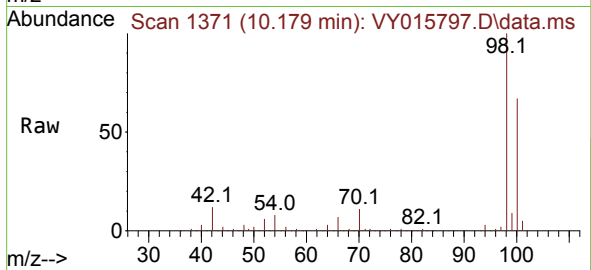
ClientSampleId :

Tgt Ion: 98 Resp: 279776

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.612 ug/l

RT: 9.661 min Scan# 1286

Delta R.T. -0.115 min

Lab File: VY015797.D

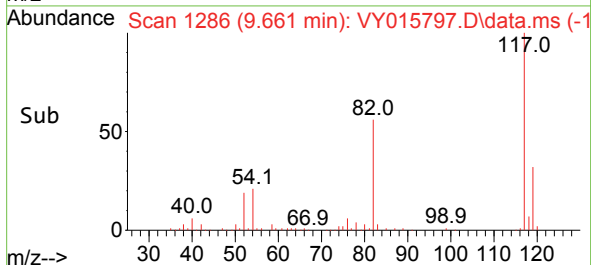
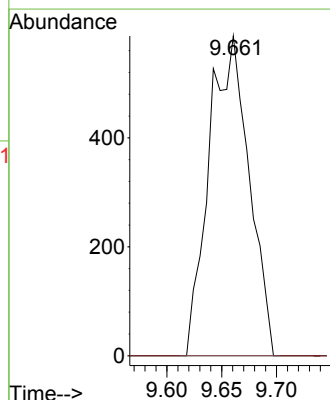
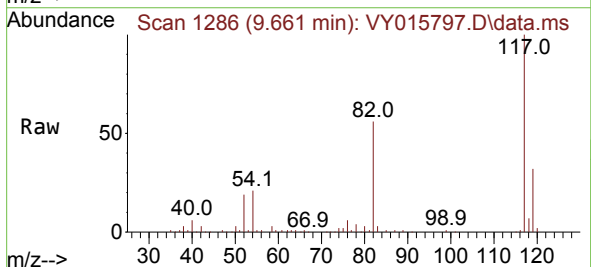
Acq: 03 Oct 2023 11:28

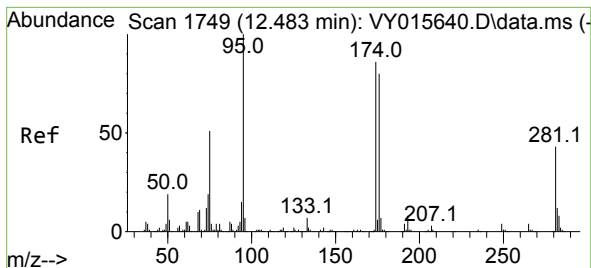
Tgt Ion: 63 Resp: 1491

Ion Ratio Lower Upper

63 100

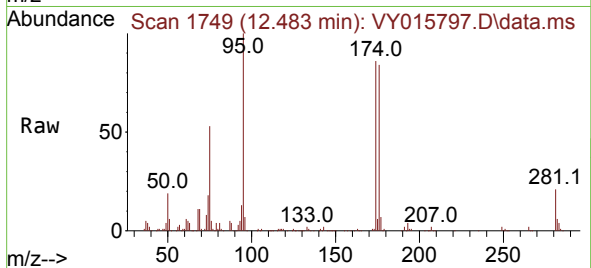
106 0.0 21.2 31.8#



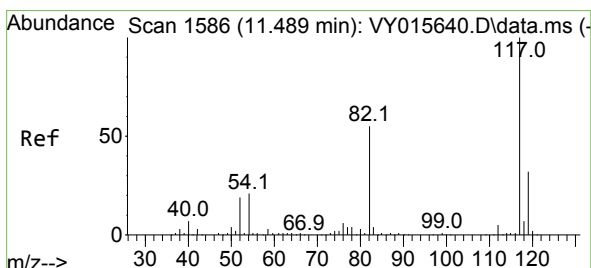
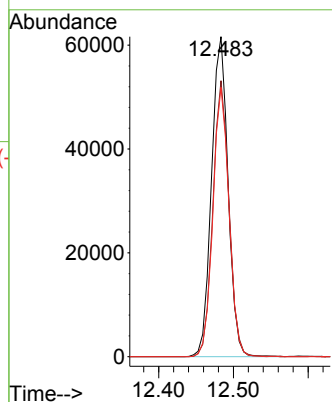
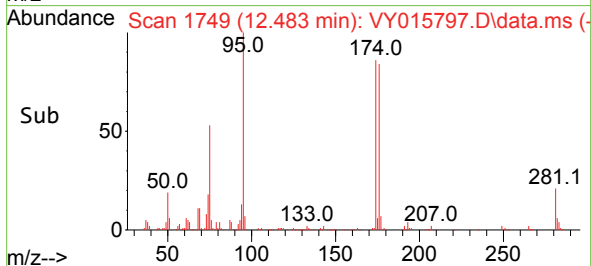


#62
4-Bromofluorobenzene
Concen: 42.473 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28

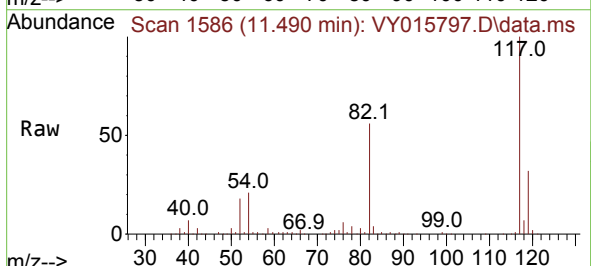
Instrument :
MSVOA_Y
ClientSampleId :



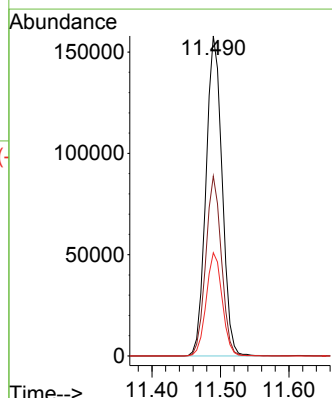
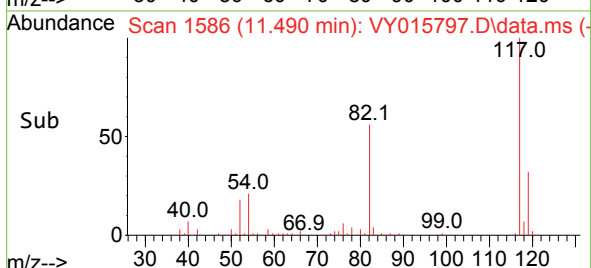
Tgt Ion: 95 Resp: 94727
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.7 0.0 173.8

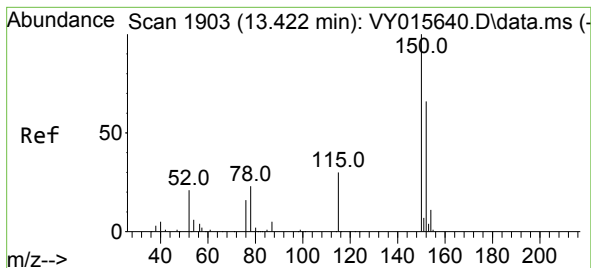


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015797.D
Acq: 03 Oct 2023 11:28



Tgt Ion: 117 Resp: 259031
Ion Ratio Lower Upper
117 100
82 56.2 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015797.D

Acq: 03 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

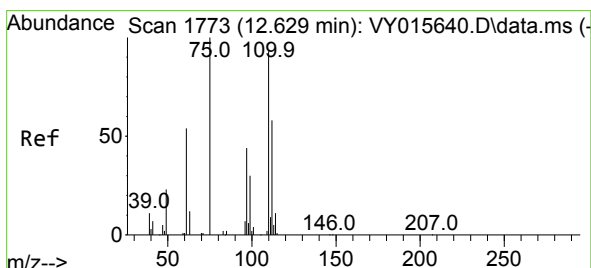
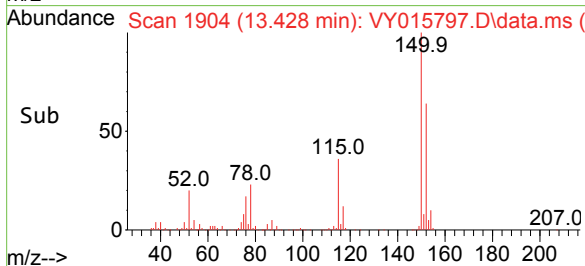
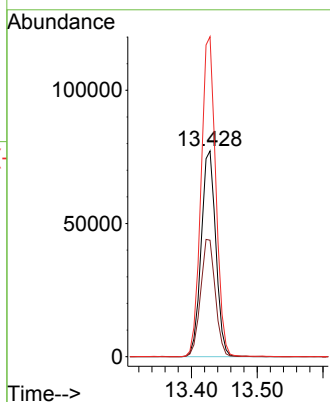
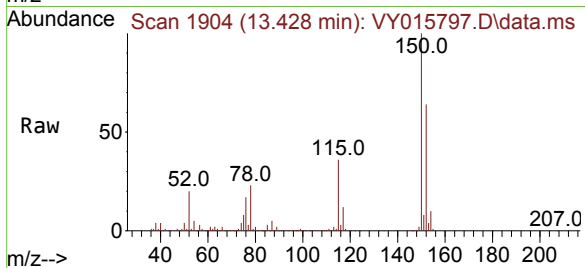
Tgt Ion:152 Resp: 119228

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 26.649 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015797.D

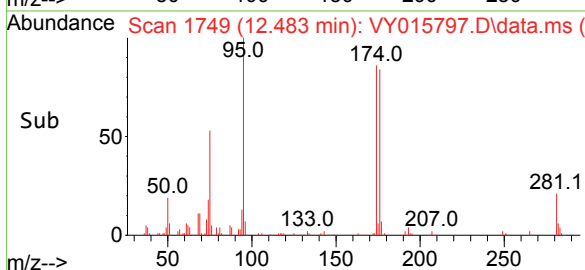
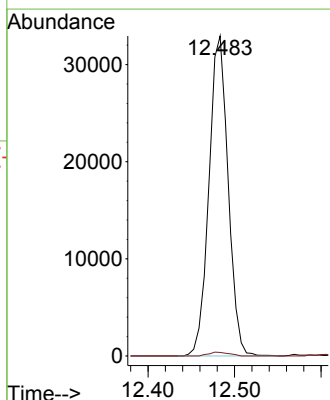
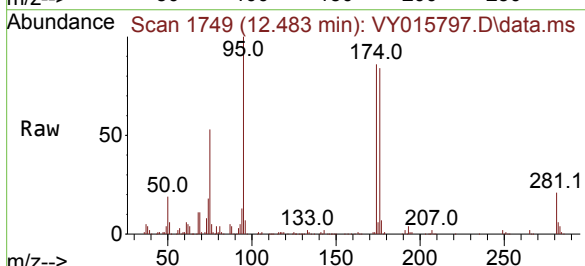
Acq: 03 Oct 2023 11:28

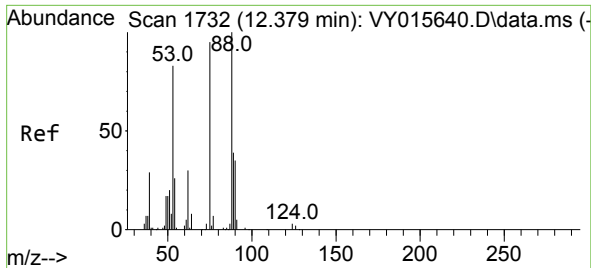
Tgt Ion: 75 Resp: 50689

Ion Ratio Lower Upper

75 100

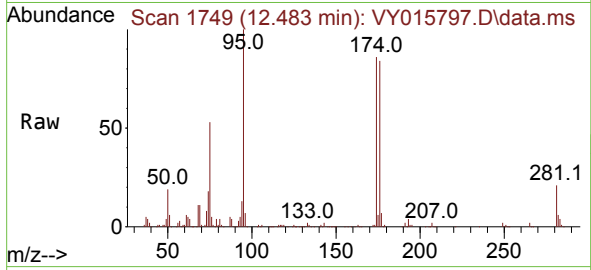
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.011 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015797.D
 Acq: 03 Oct 2023 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50689
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.4 37.4 56.0#

