

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015735.D
 Acq On : 27 Sep 2023 19:28
 Operator : SY/MD
 Sample : 04627-19
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:49:57 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)

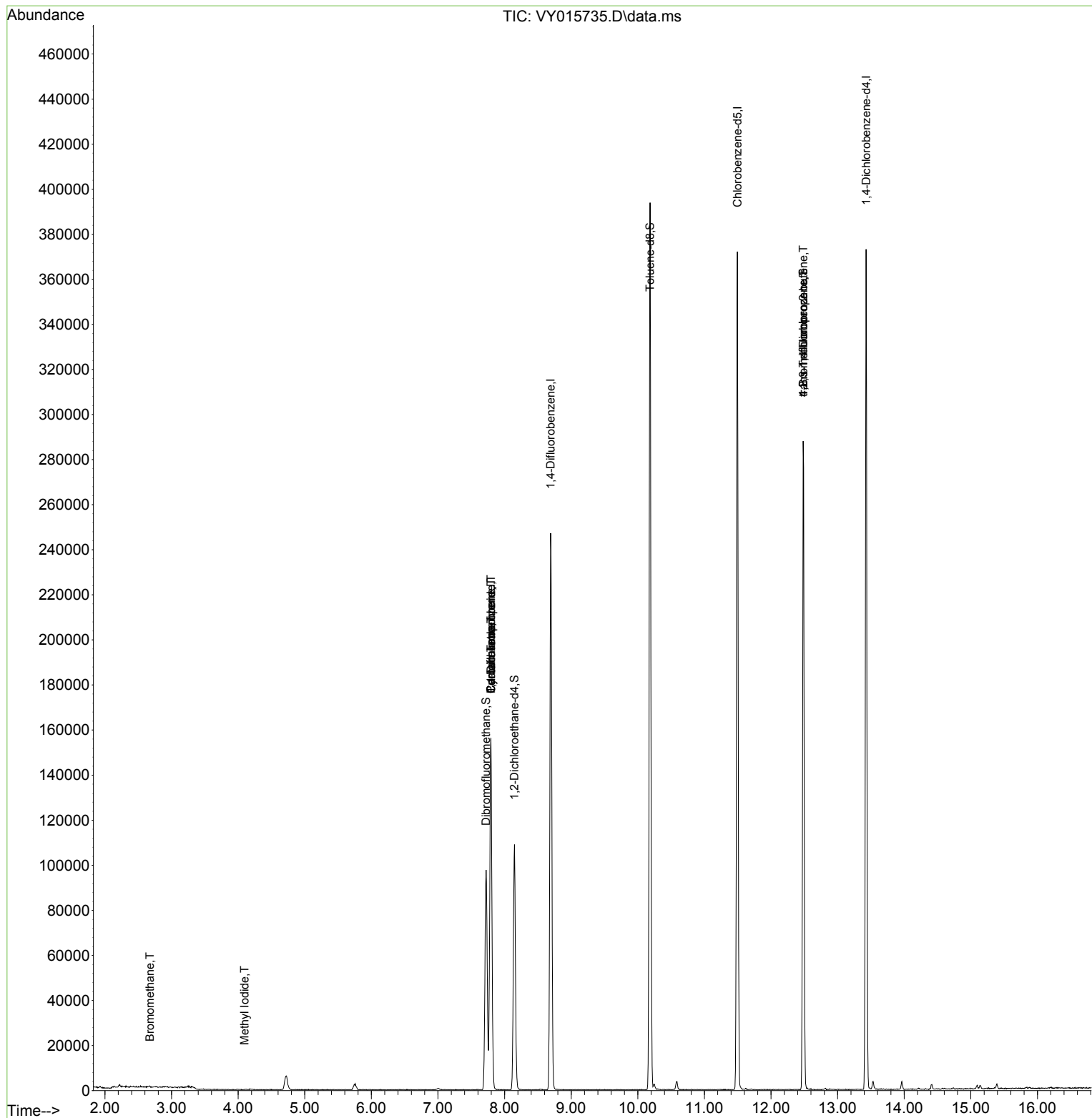
Internal Standards						
1) Pentafluorobenzene	7.795	168	122283	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	215987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83815	62.295	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.580%	
35) Dibromofluoromethane	7.722	113	69246	53.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.185	98	253753	57.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.780%	
62) 4-Bromofluorobenzene	12.483	95	85101	49.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.940%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	102	2.641	ug/l	82
10) Methyl Iodide	4.095	142	63	2.770	ug/l #	38
20) Methylene Chloride	4.716	84	4738	Below Cal	#	97
31) Cyclohexane	7.795	56	2527	1.356	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9342	4.887	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12094	5.829	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45247	30.596	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45247	68.898	ug/l #	10

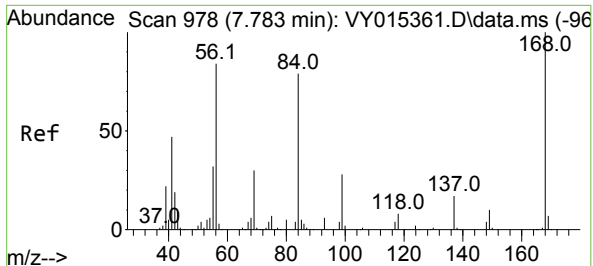
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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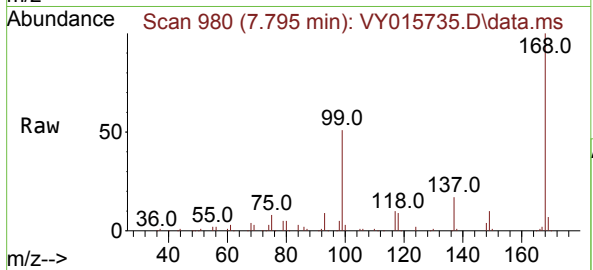
Quant Time: Sep 28 00:49:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



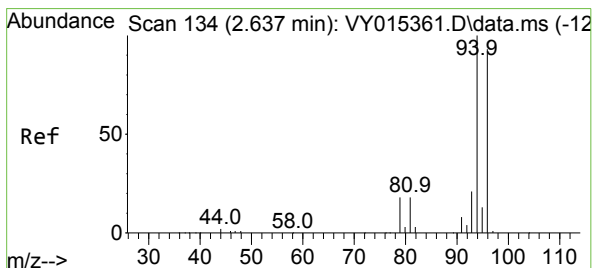
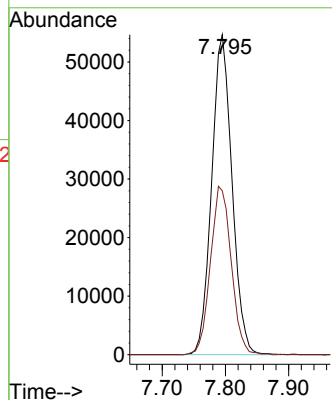
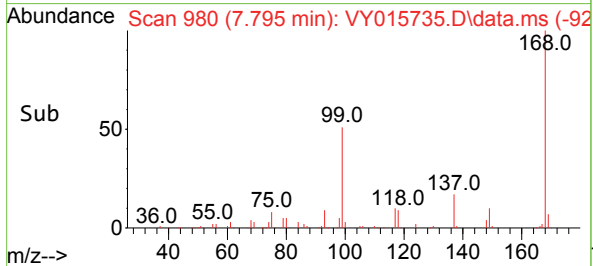


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Instrument :
MSVOA_Y
ClientSampleId :

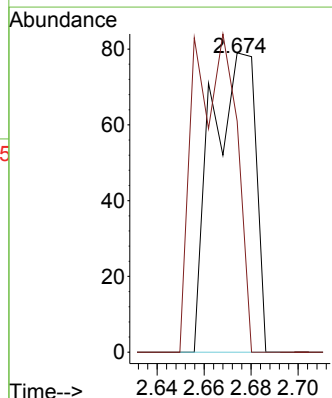
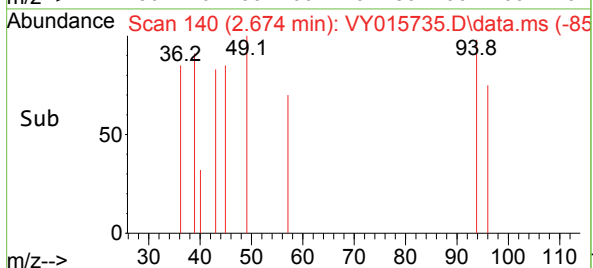
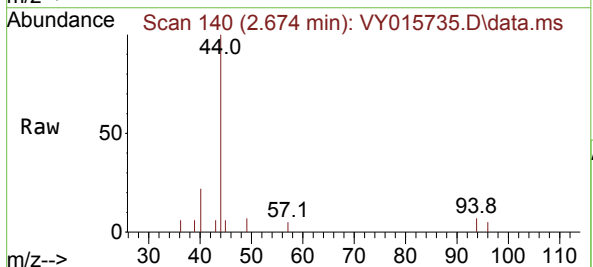


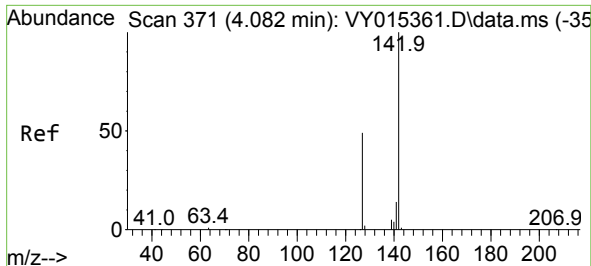
Tgt Ion:168 Resp: 122283
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#5
Bromomethane
Concen: 2.641 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.037 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

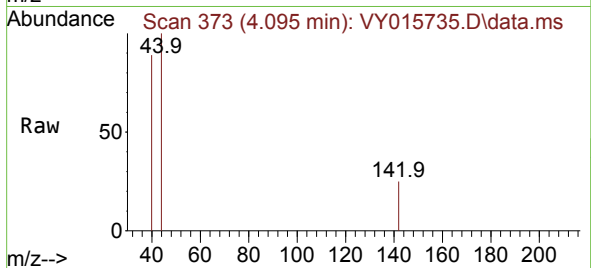
Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 77.2 75.8 113.6



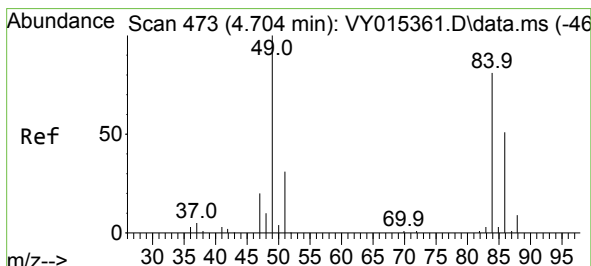
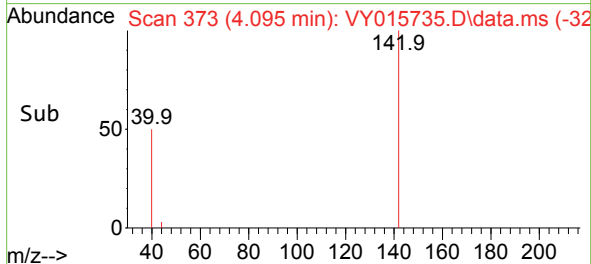
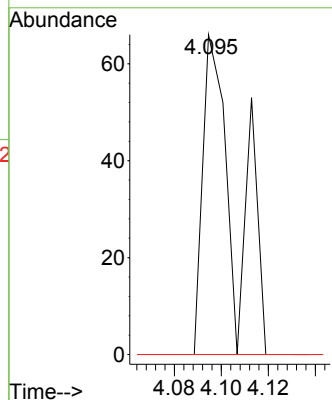


#10
Methyl Iodide
Concen: 2.770 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Instrument :
MSVOA_Y
ClientSampleId :

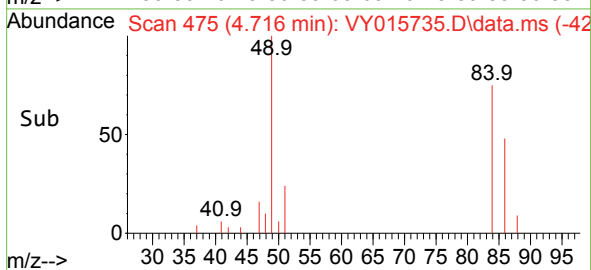
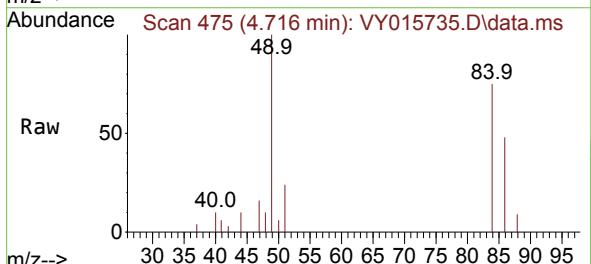
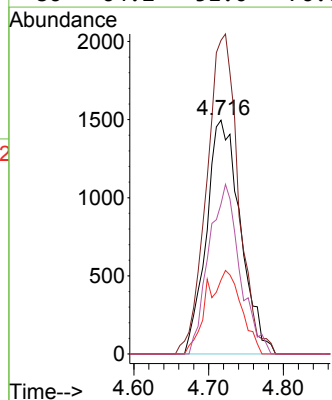


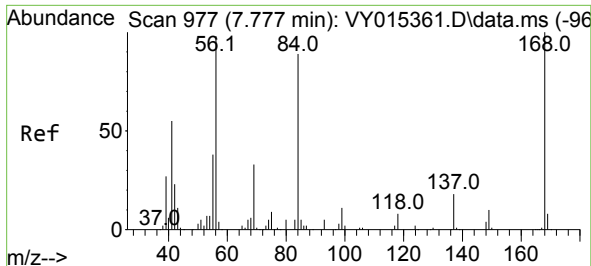
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

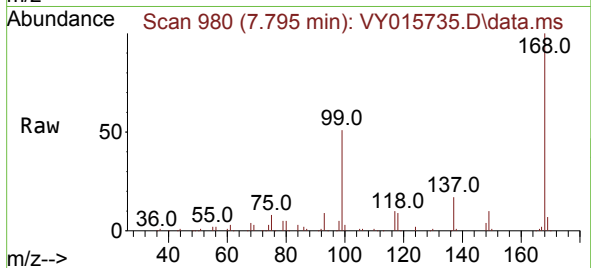
Tgt Ion: 84 Resp: 4738
Ion Ratio Lower Upper
84 100
49 134.2 106.9 160.3
51 31.6 33.2 49.8#
86 64.2 51.0 76.6



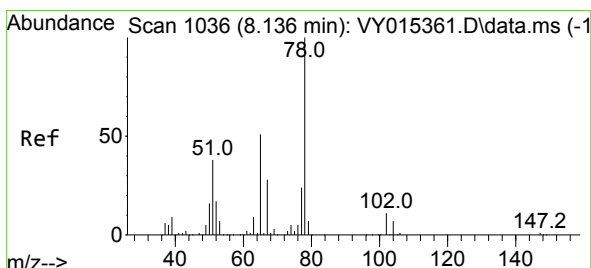
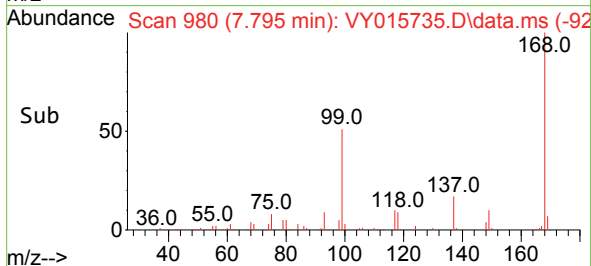
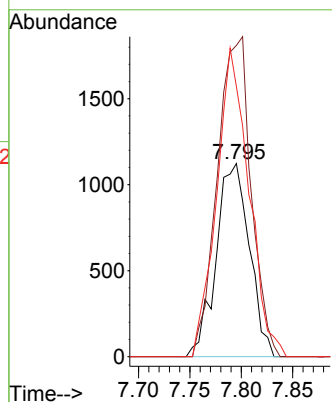


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Instrument :
MSVOA_Y
ClientSampleId :

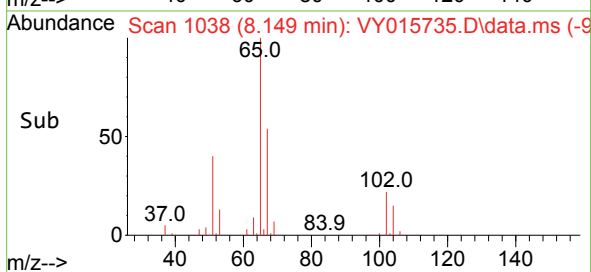
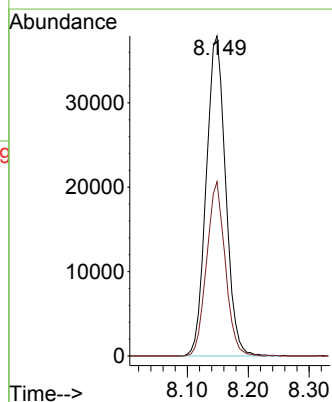
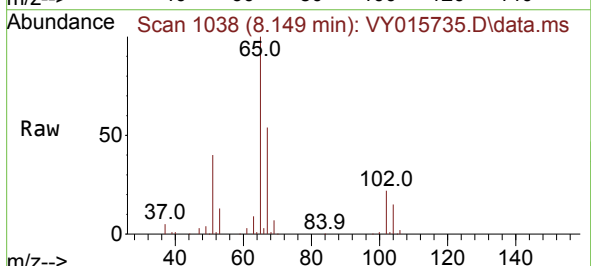


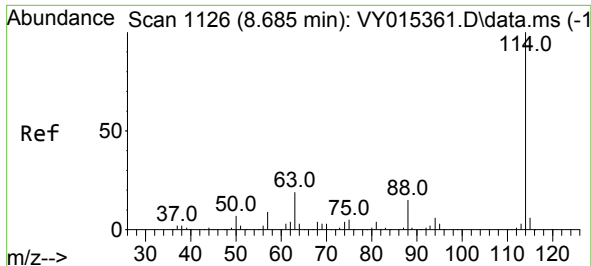
Tgt Ion: 56 Resp: 2527
Ion Ratio Lower Upper
56 100
69 161.2 27.8 41.6#
84 140.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.295 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Tgt Ion: 65 Resp: 83815
Ion Ratio Lower Upper
65 100
67 52.2 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: VY015735.D

Acq: 27 Sep 2023 19:28

Instrument :

MSVOA_Y

ClientSampleId :

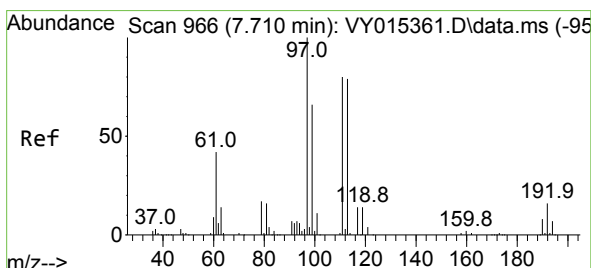
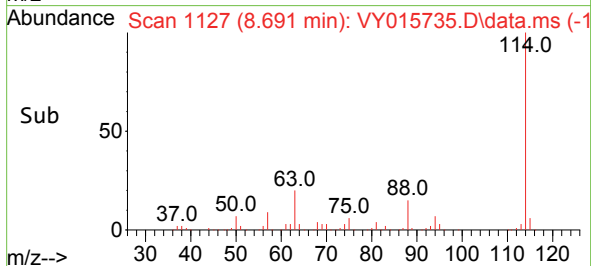
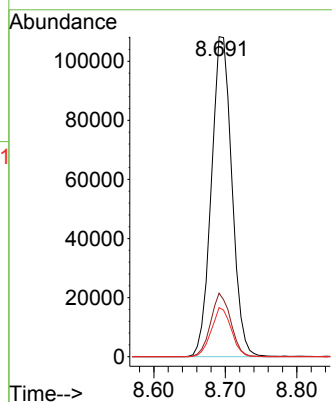
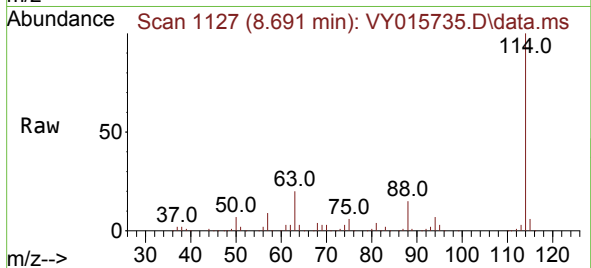
Tgt Ion:114 Resp: 215987

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.565 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

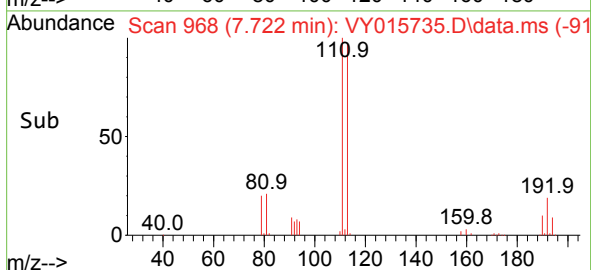
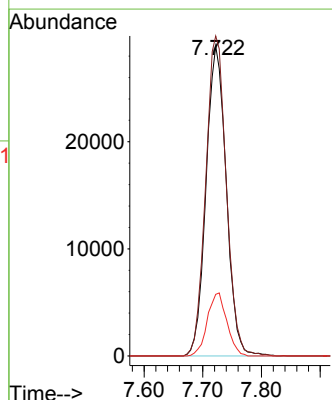
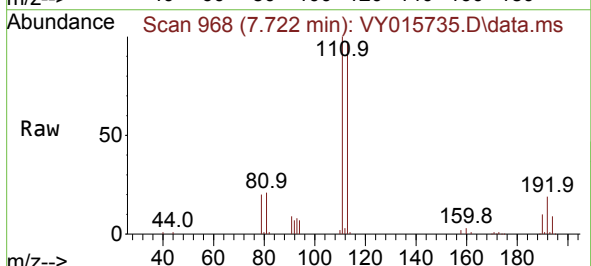
Tgt Ion:113 Resp: 69246

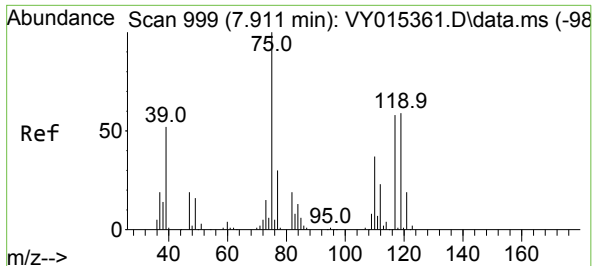
Ion Ratio Lower Upper

113 100

111 105.0 81.3 121.9

192 19.6 16.9 25.3

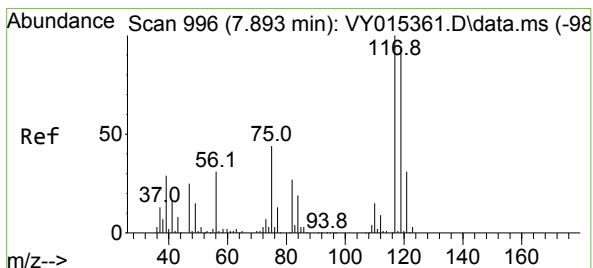
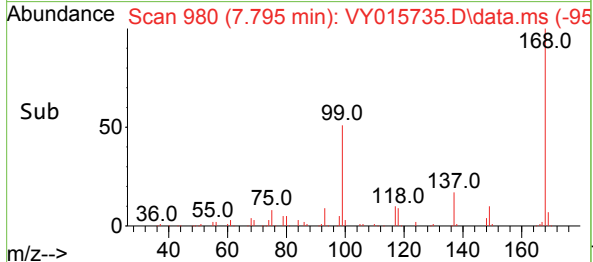
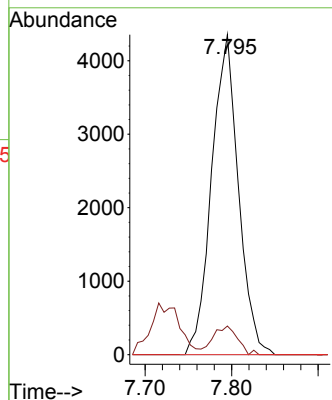
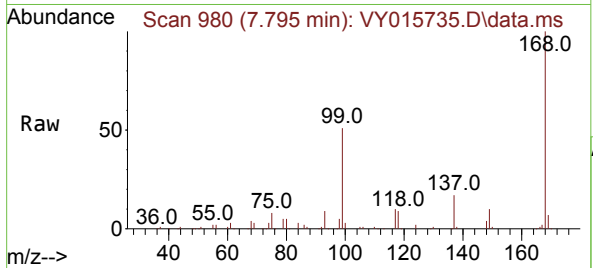




#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

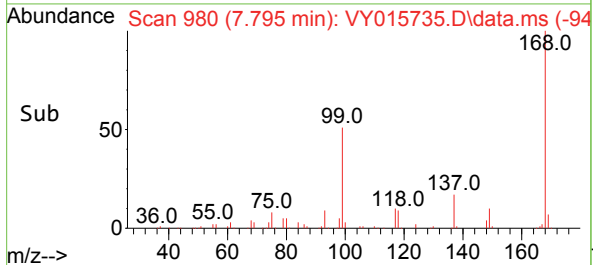
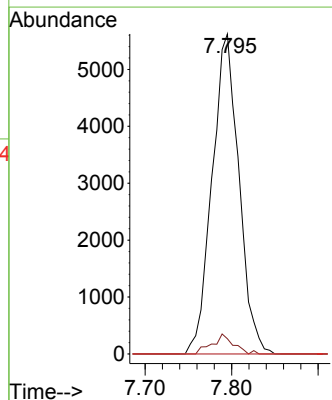
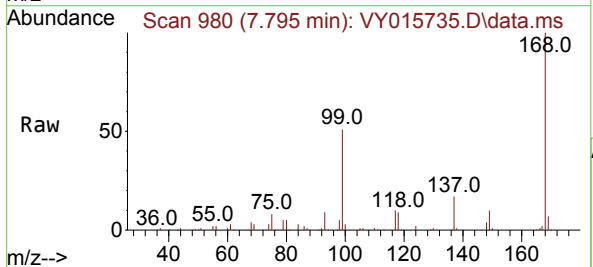
Instrument :
MSVOA_Y
ClientSampleId :

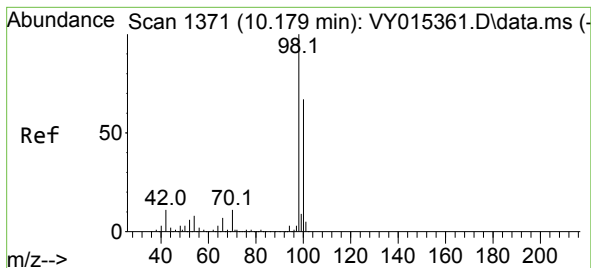
Tgt Ion: 75 Resp: 9342
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.829 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY015735.D
Acq: 27 Sep 2023 19:28

Tgt Ion: 117 Resp: 12094
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 57.891 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

Instrument :

MSVOA_Y

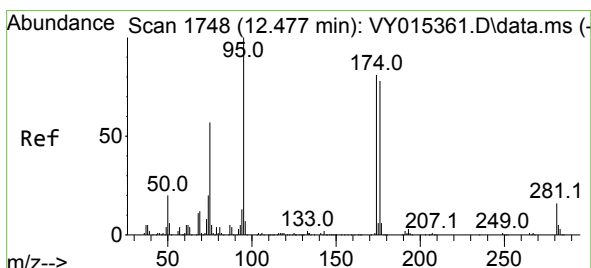
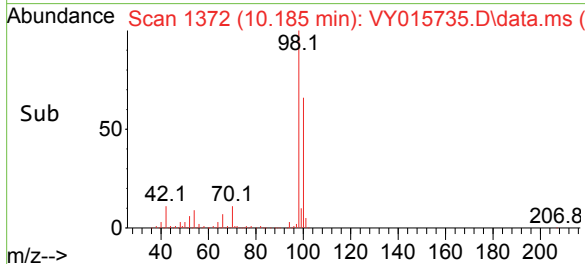
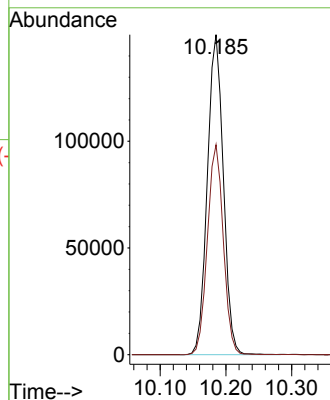
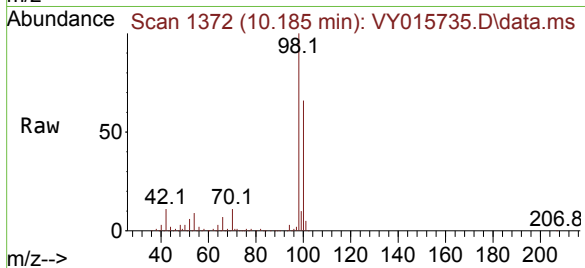
ClientSampleId :

Tgt Ion: 98 Resp: 253753

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.473 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

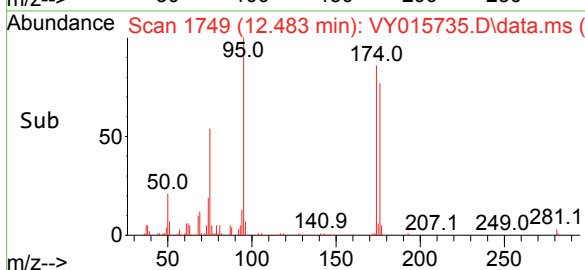
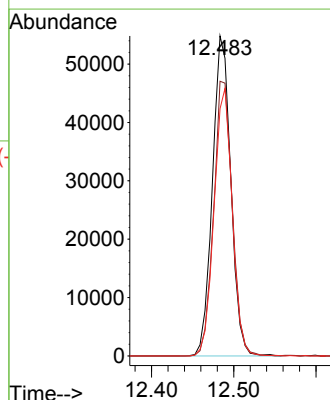
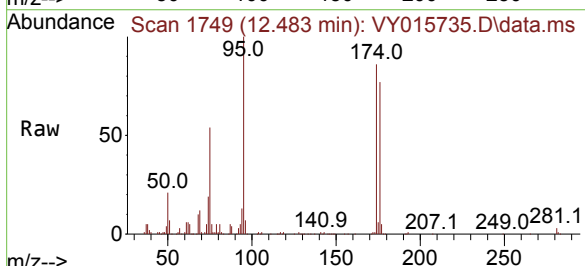
Tgt Ion: 95 Resp: 85101

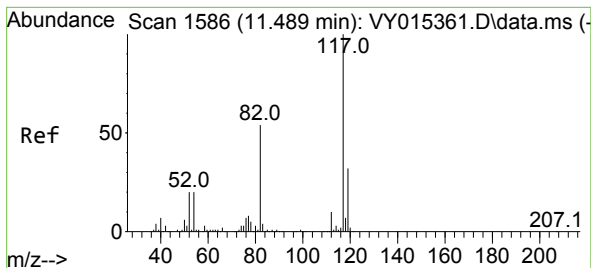
Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.2

176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

Instrument :

MSVOA_Y

ClientSampleId :

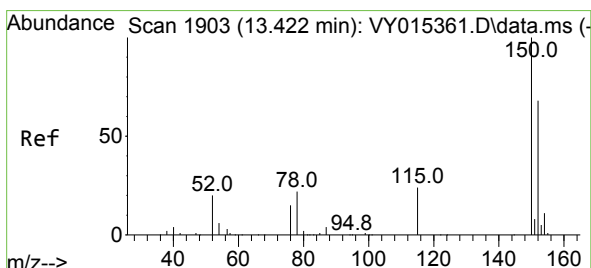
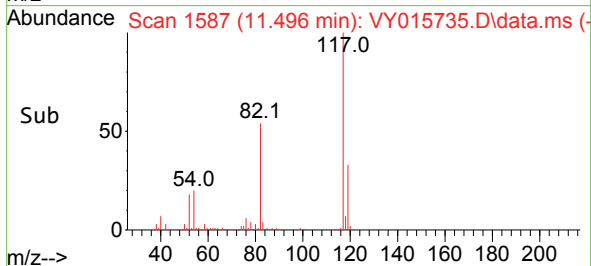
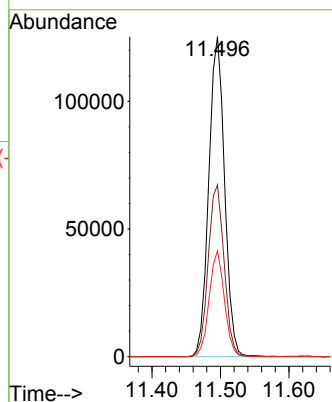
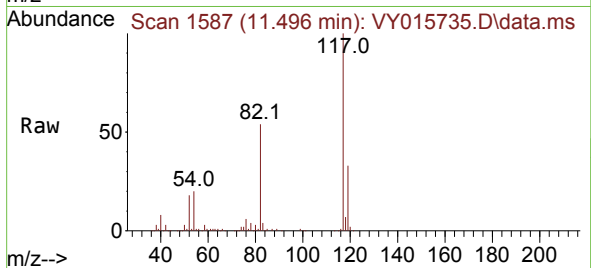
Tgt Ion:117 Resp: 201633

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

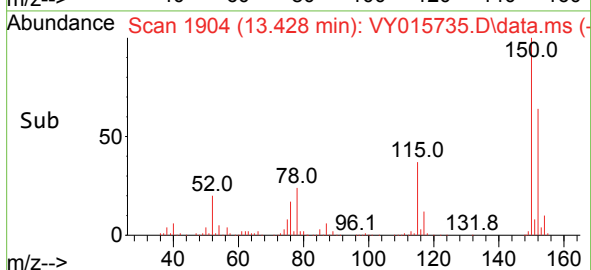
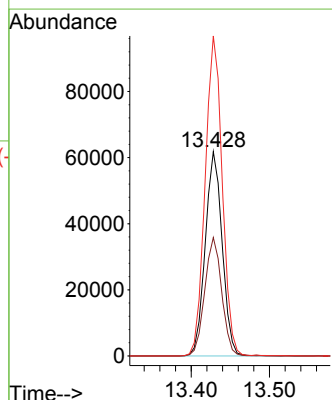
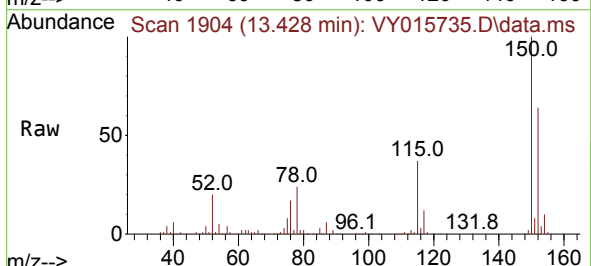
Tgt Ion:152 Resp: 92700

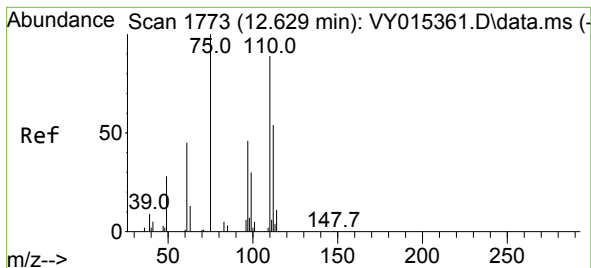
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.7 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 30.596 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

Instrument :

MSVOA_Y

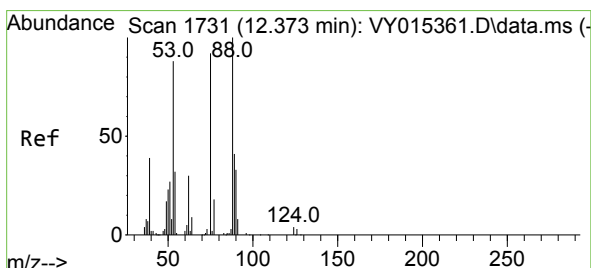
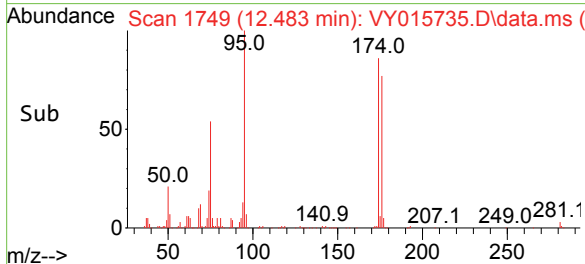
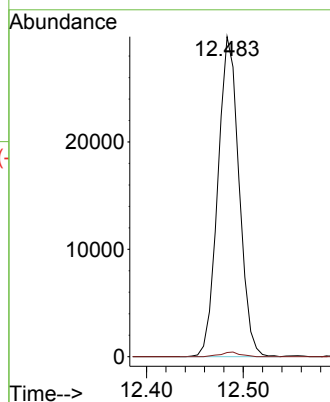
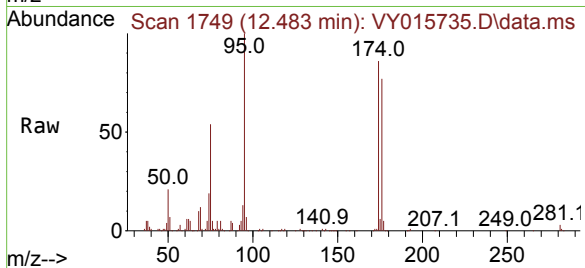
ClientSampleId :

Tgt Ion: 75 Resp: 45247

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.898 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY015735.D

Acq: 27 Sep 2023 19:28

Tgt Ion: 75 Resp: 45247

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

