

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015746.D
 Acq On : 28 Sep 2023 16:21
 Operator : SY/MD
 Sample : 04627-01
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:26:00 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)

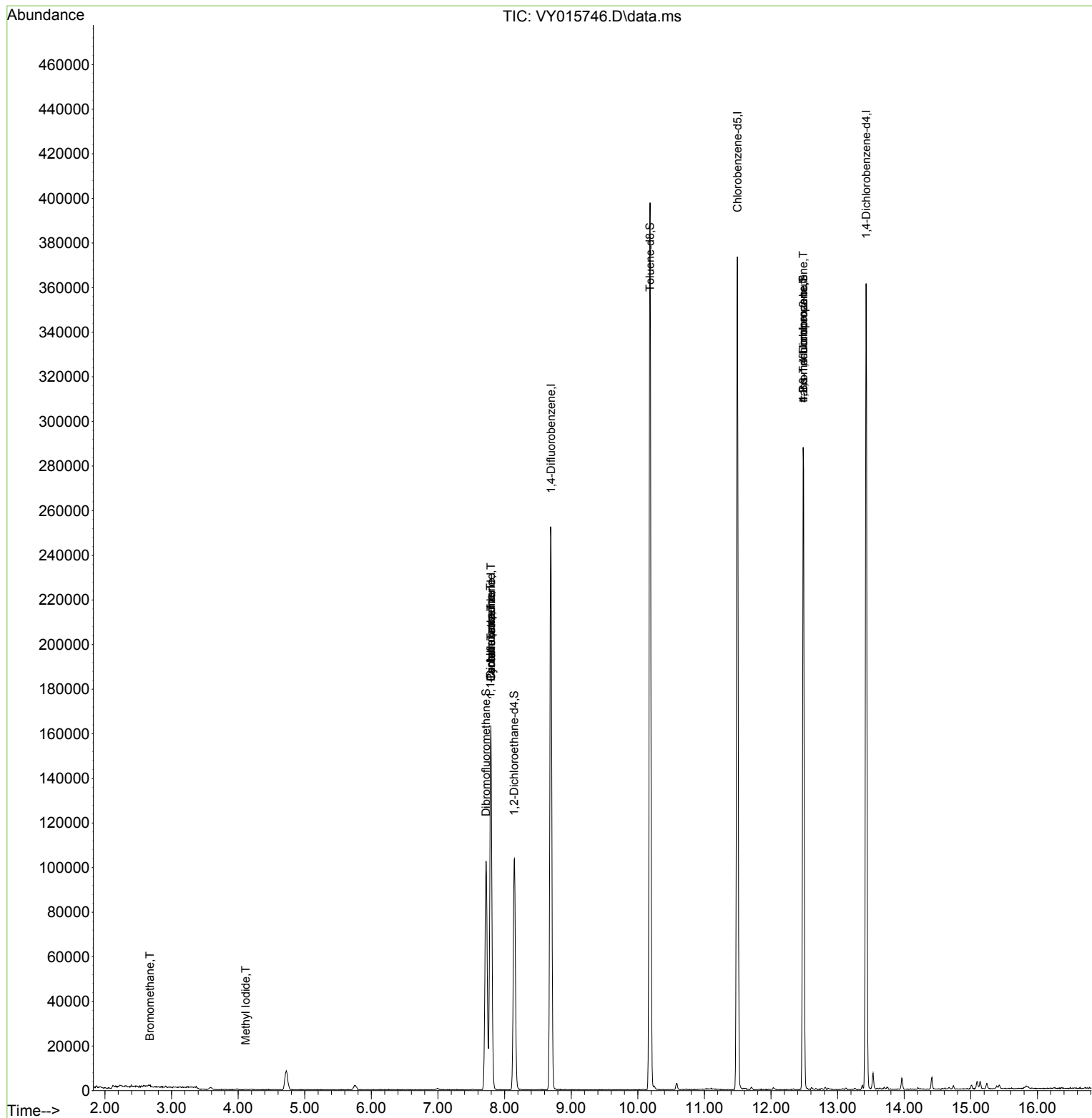
Internal Standards						
1) Pentafluorobenzene	7.795	168	123858	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	222018	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	206429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82373	60.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.880%			
35) Dibromofluoromethane	7.722	113	73177	55.068	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.140%			
50) Toluene-d8	10.185	98	263508	58.484	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.960%			
62) 4-Bromofluorobenzene	12.483	95	87395	49.427	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.860%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	395	2.877	ug/l #	50
10) Methyl Iodide	4.113	142	302	2.925	ug/l #	45
20) Methylene Chloride	4.722	84	6387	Below Cal		91
31) Cyclohexane	7.795	56	2519	1.334	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9357	4.762	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12079	5.664	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	46250	30.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46250	69.727	ug/l #	10

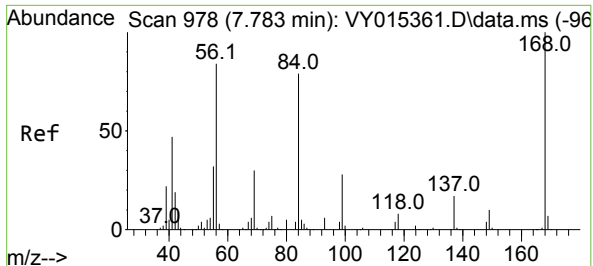
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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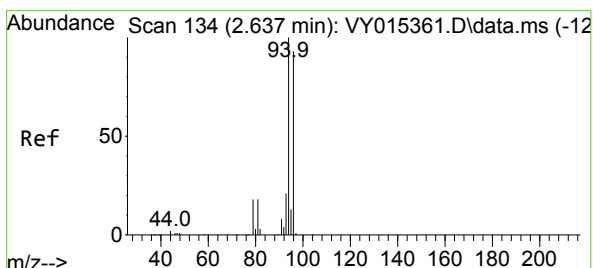
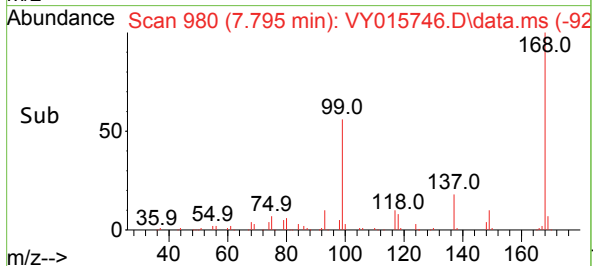
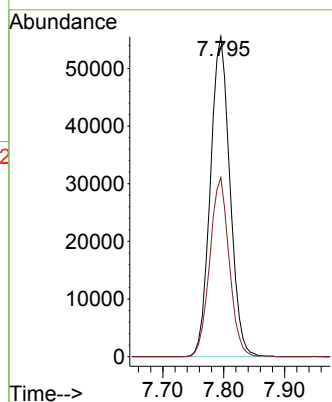
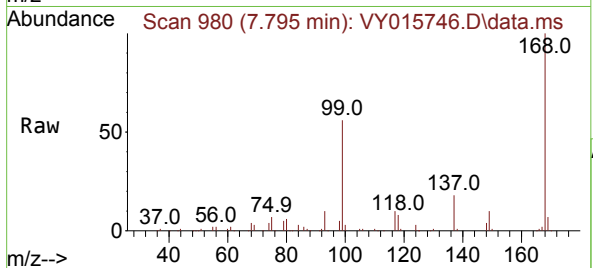




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

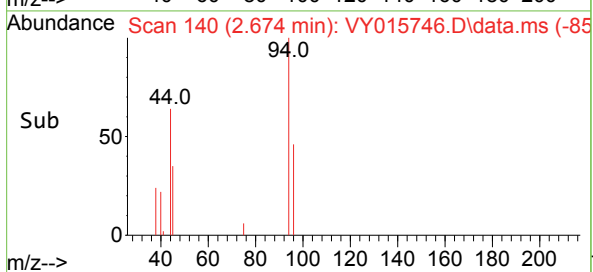
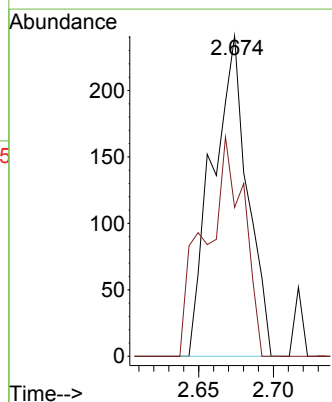
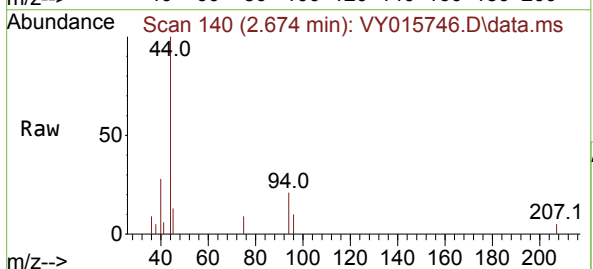
Instrument :
MSVOA_Y
ClientSampleId :

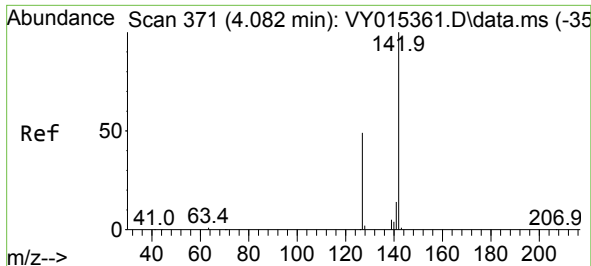
Tgt Ion:168 Resp: 123858
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#5
Bromomethane
Concen: 2.877 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.037 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

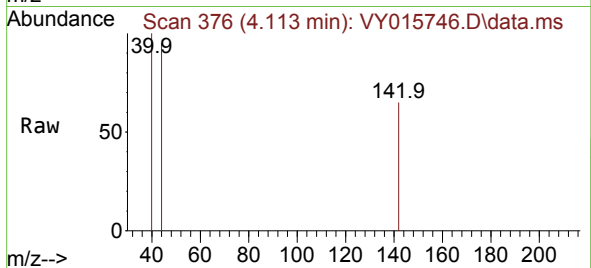
Tgt Ion: 94 Resp: 395
Ion Ratio Lower Upper
94 100
96 46.5 75.8 113.6#



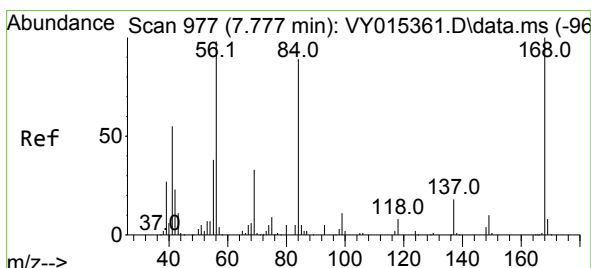
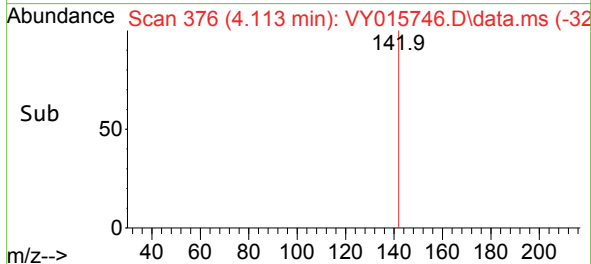
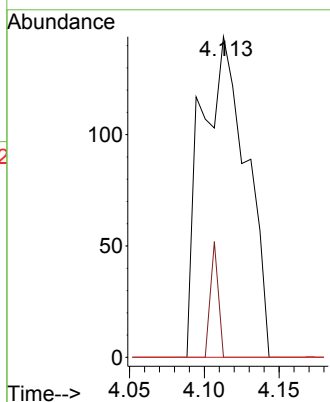


#10
Methyl Iodide
Concen: 2.925 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.031 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

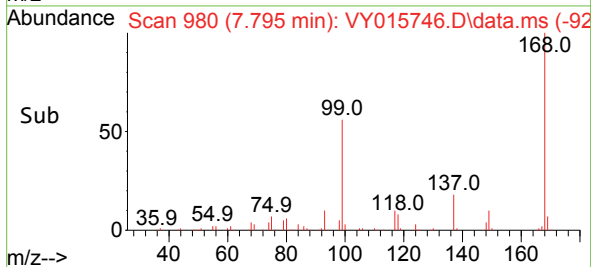
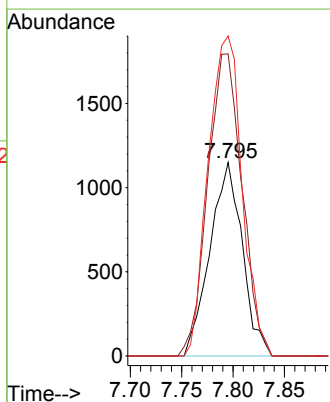
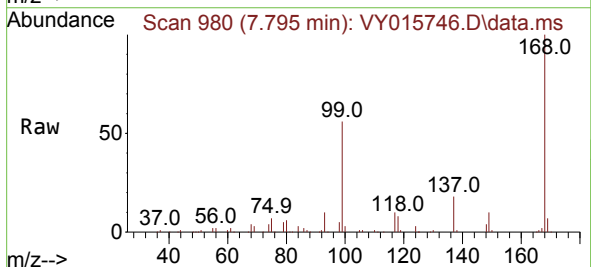


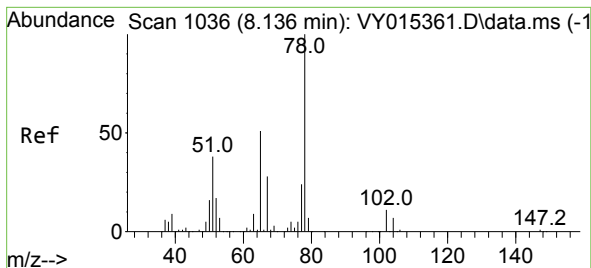
Tgt Ion:142 Resp: 302
Ion Ratio Lower Upper
142 100
127 6.3 37.6 56.4#
141 0.0 11.8 17.8#



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

Tgt Ion: 56 Resp: 2519
Ion Ratio Lower Upper
56 100
69 156.2 27.8 41.6#
84 165.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.445 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY015746.D

Acq: 28 Sep 2023 16:21

Instrument :

MSVOA_Y

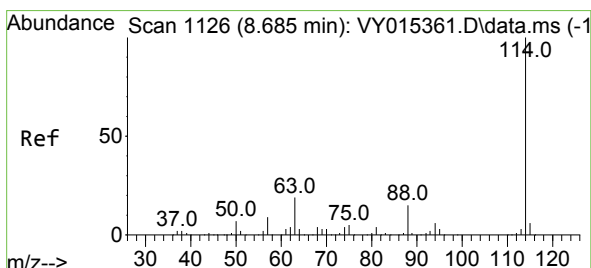
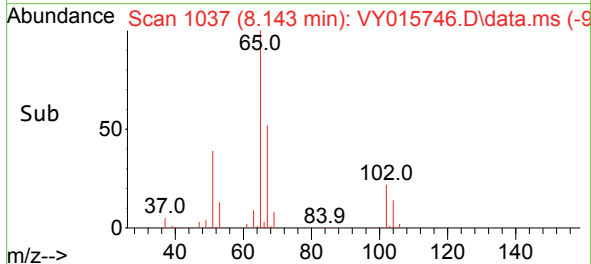
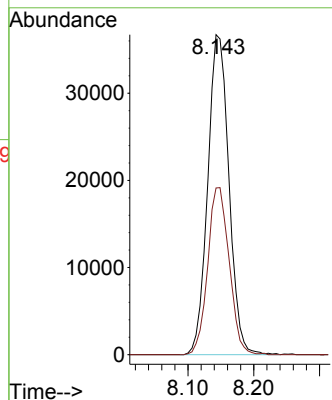
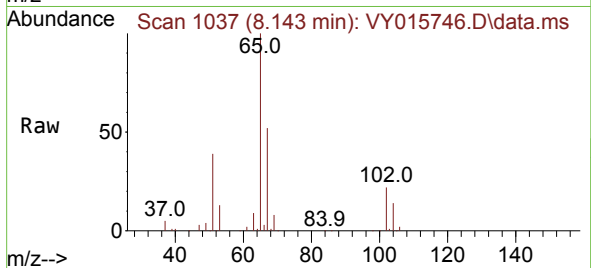
ClientSampleId :

Tgt Ion: 65 Resp: 82373

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015746.D

Acq: 28 Sep 2023 16:21

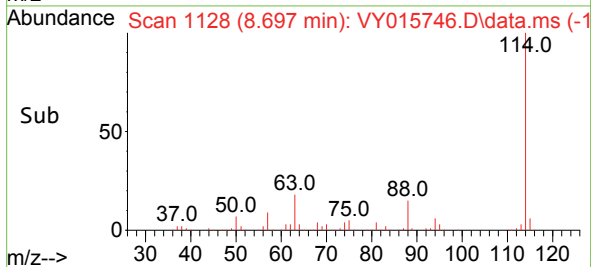
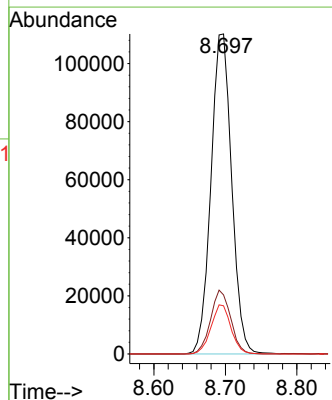
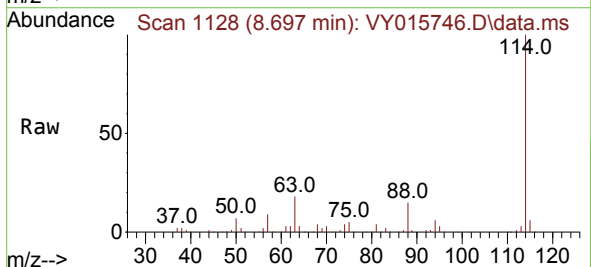
Tgt Ion: 114 Resp: 222018

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

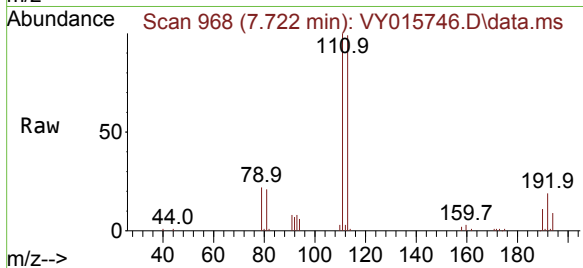
88 15.0 0.0 30.6



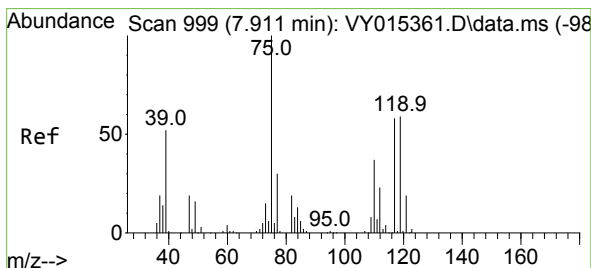
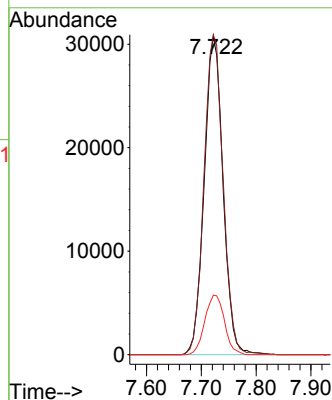
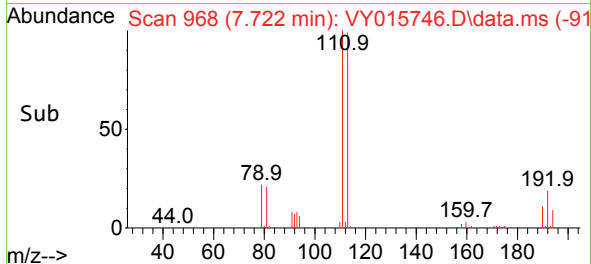


#35
Dibromofluoromethane
Concen: 55.068 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

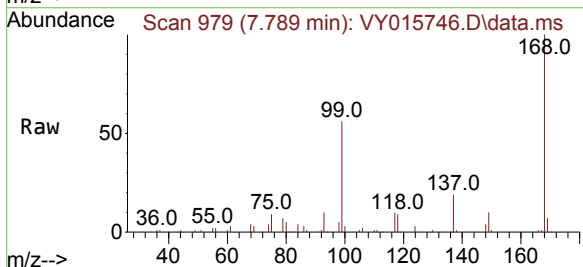
Instrument :
MSVOA_Y
ClientSampleId :



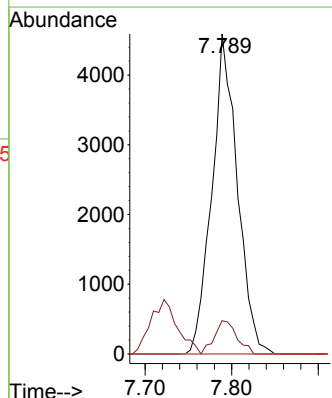
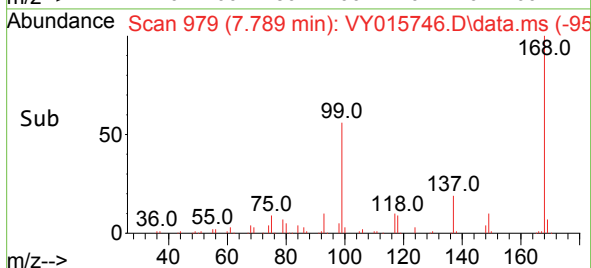
Tgt Ion:113 Resp: 73177
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.5 16.9 25.3

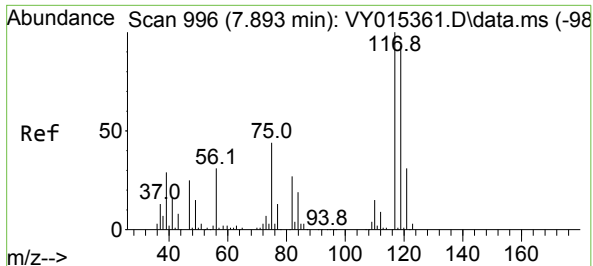


#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21



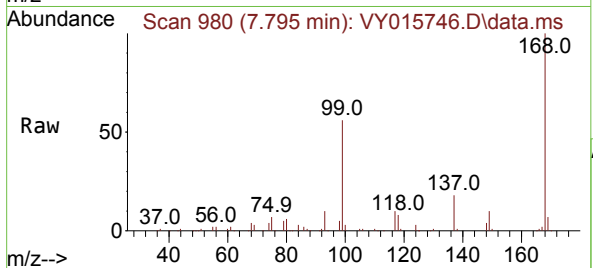
Tgt Ion: 75 Resp: 9357
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



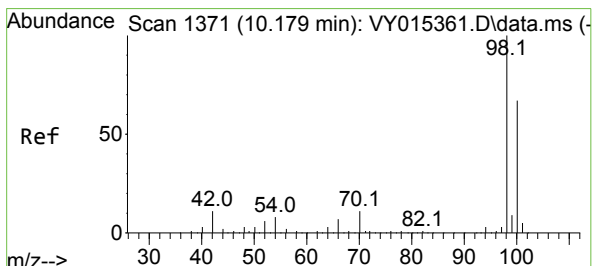
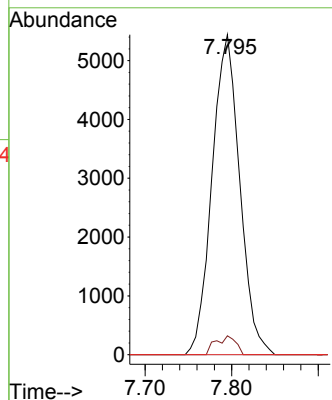
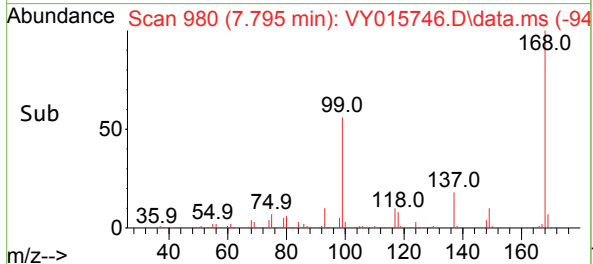


#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :

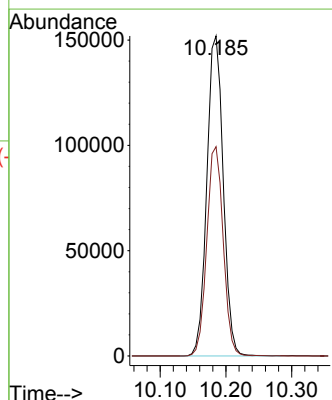
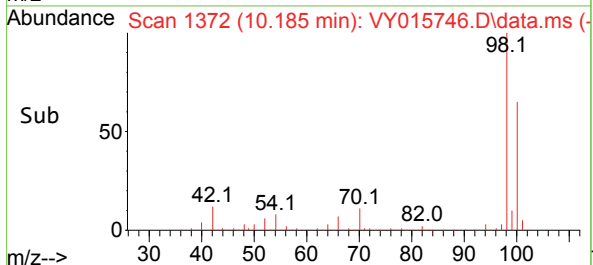
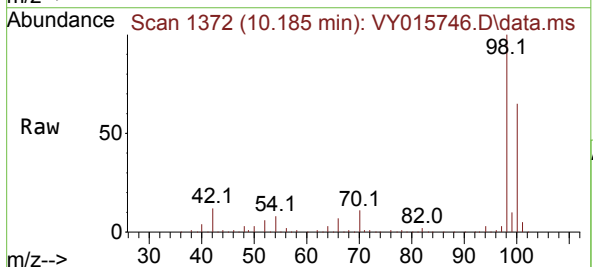


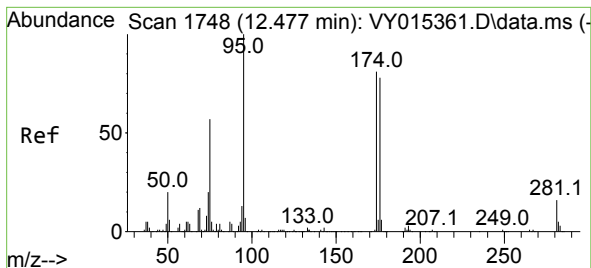
Tgt Ion:117 Resp: 12079
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.484 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

Tgt Ion: 98 Resp: 263508
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

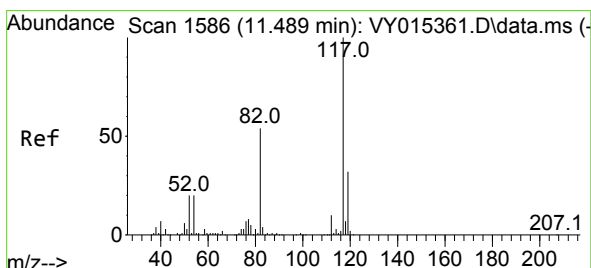
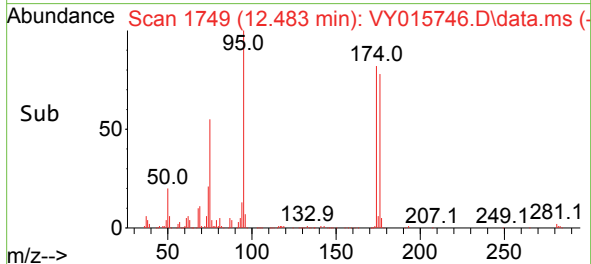
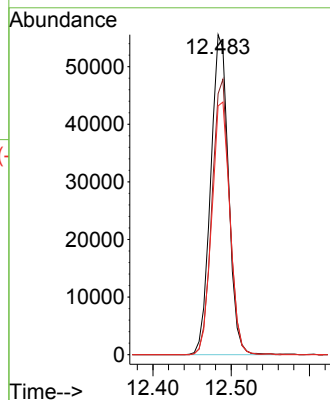
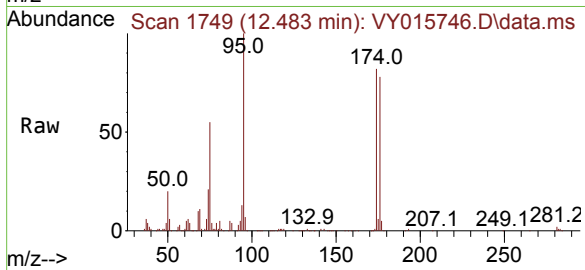




#62
4-Bromofluorobenzene
Concen: 49.427 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

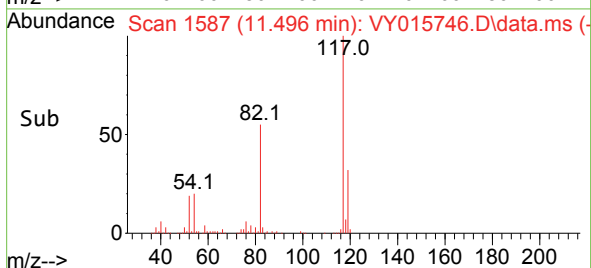
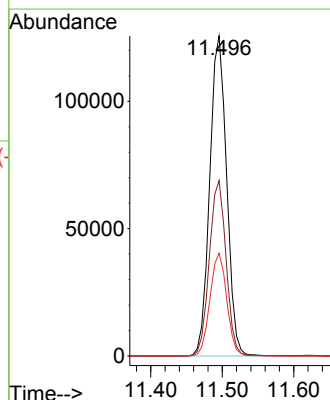
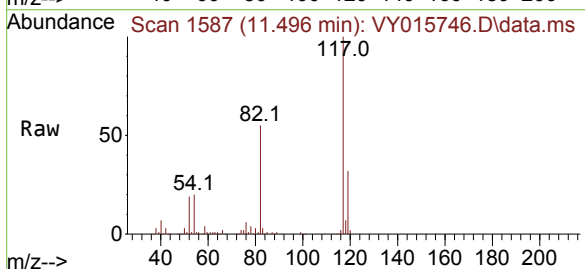
Instrument :
MSVOA_Y
ClientSampleId :

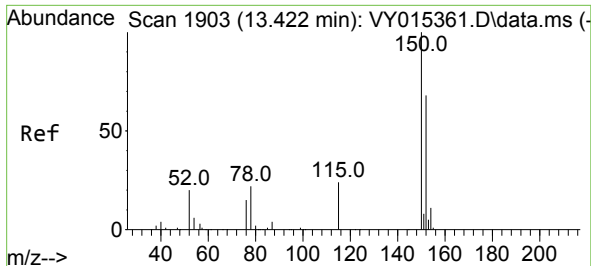
Tgt Ion: 95 Resp: 87395
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

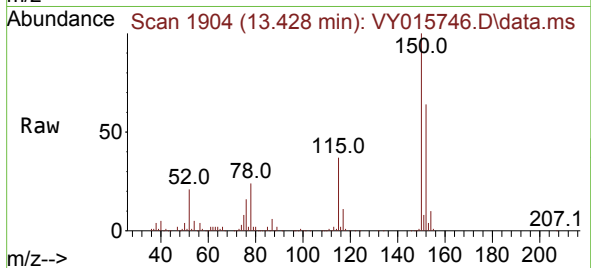
Tgt Ion: 117 Resp: 206429
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 26.3 39.5



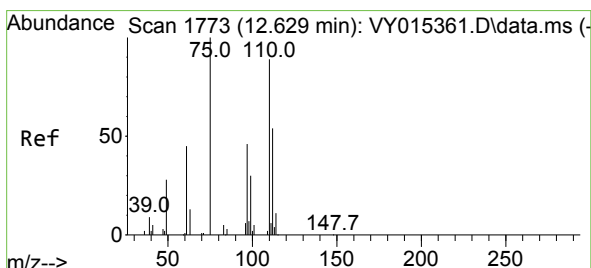
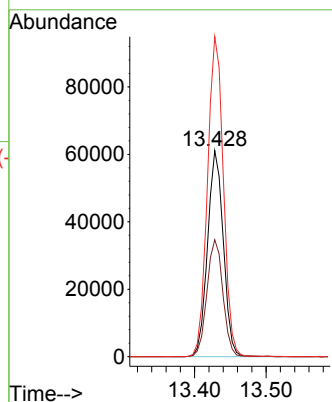
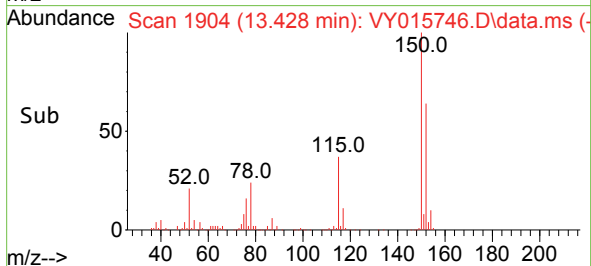


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015746.D
 Acq: 28 Sep 2023 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :

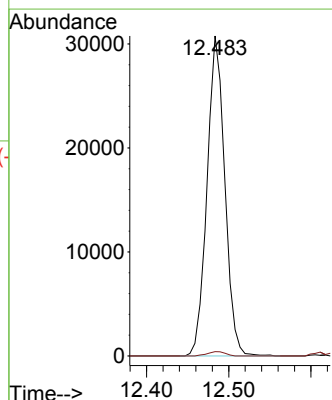
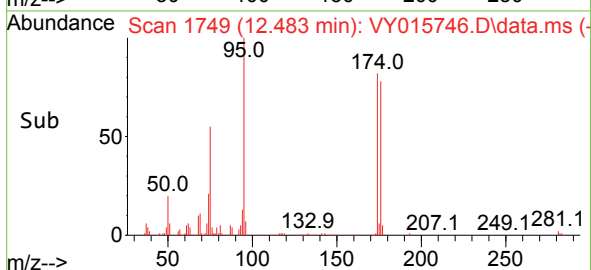
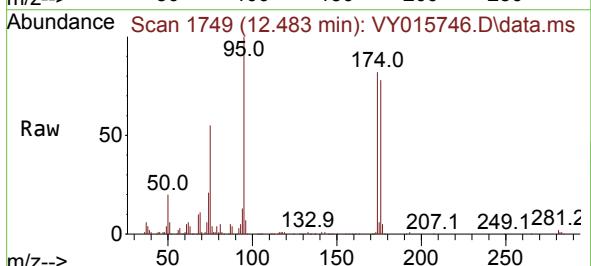


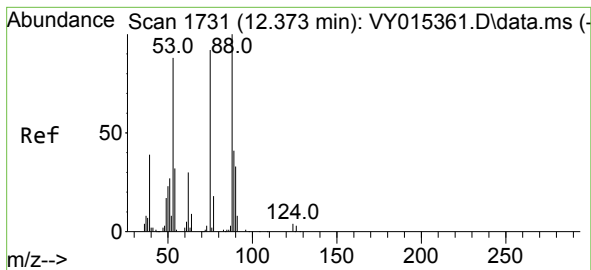
Tgt Ion:152 Resp: 93628
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.8 86.5
 150 156.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 30.964 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015746.D
 Acq: 28 Sep 2023 16:21

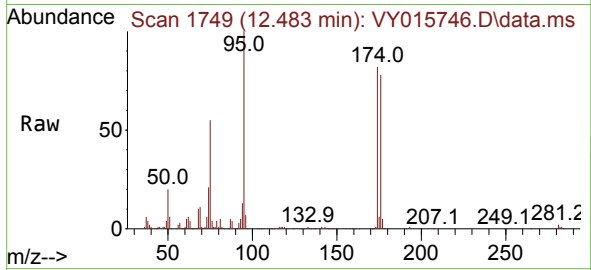
Tgt Ion: 75 Resp: 46250
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.727 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015746.D
 Acq: 28 Sep 2023 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

