

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015801.D
 Acq On : 03 Oct 2023 13:22
 Operator : SY/MD
 Sample : 04627-27RE
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:10:44 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)

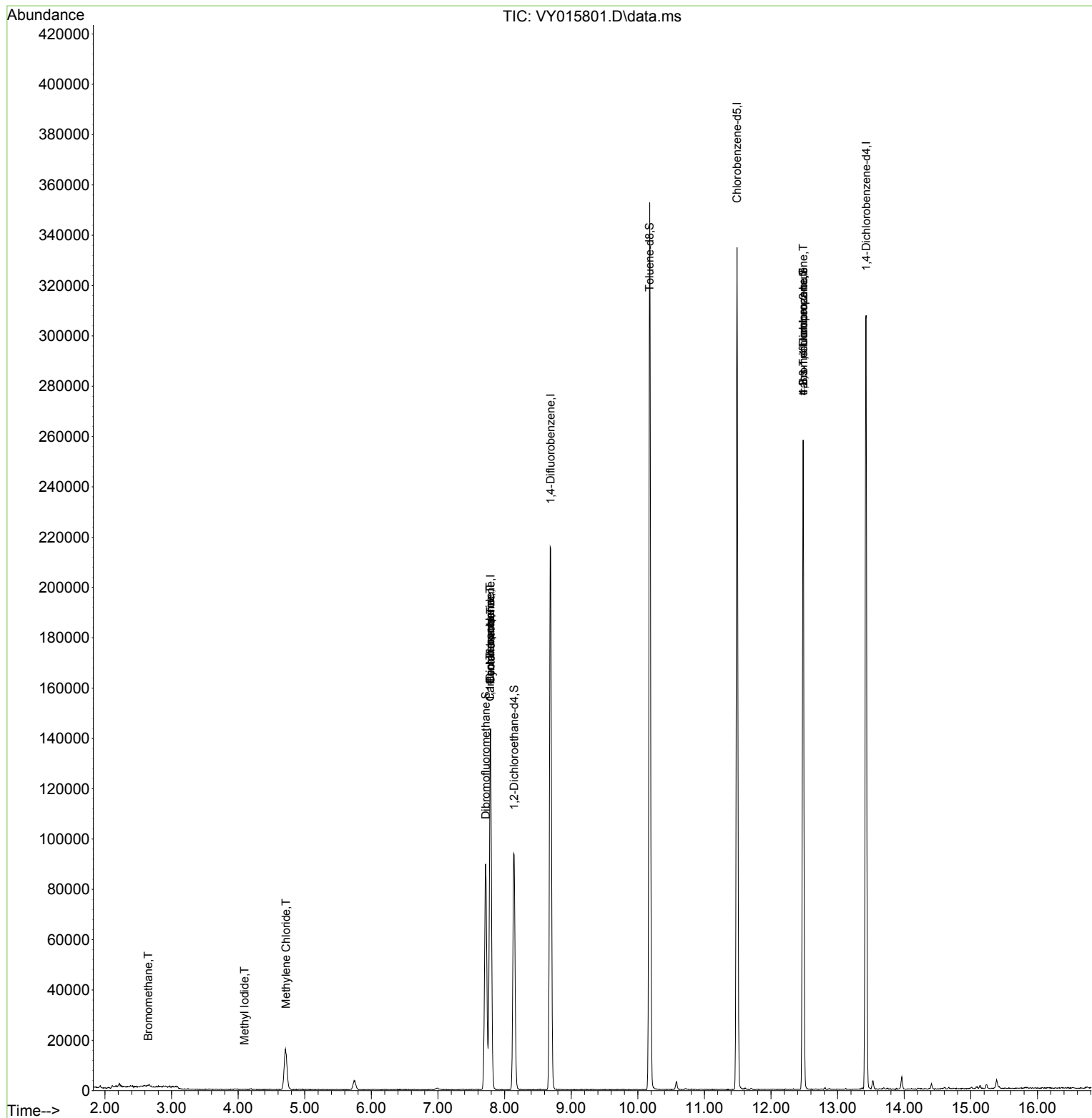
Internal Standards						
1) Pentafluorobenzene	7.789	168	110123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76205	62.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.780%	
35) Dibromofluoromethane	7.716	113	63899	55.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.240%	
50) Toluene-d8	10.179	98	225996	58.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.040%	
62) 4-Bromofluorobenzene	12.483	95	76114	49.794	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	231	2.768	ug/l #	57
10) Methyl Iodide	4.095	142	169	2.852	ug/l #	38
11) Tert butyl alcohol	5.009	59	28	Below Cal	#	89
20) Methylene Chloride	4.716	84	12168	4.128	ug/l #	79
31) Cyclohexane	7.789	56	2282	1.360	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8611	5.070	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11089	6.014	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	39413	30.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39413	68.408	ug/l #	10

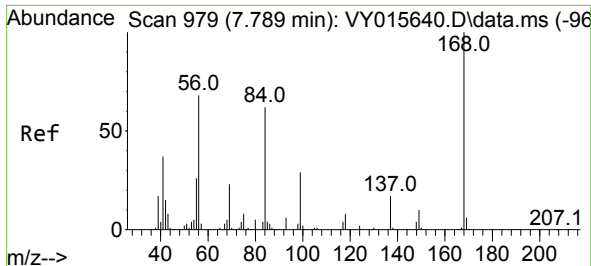
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

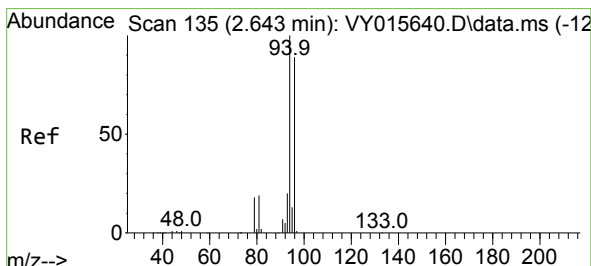
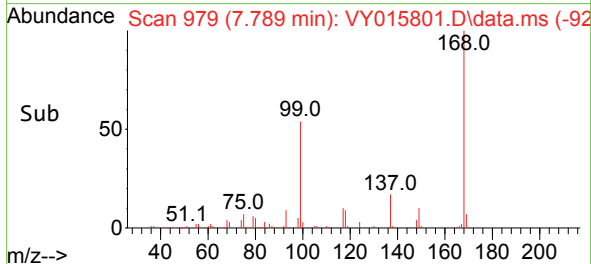
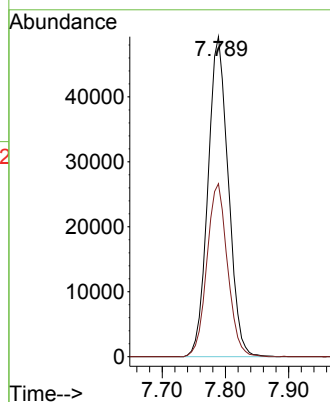
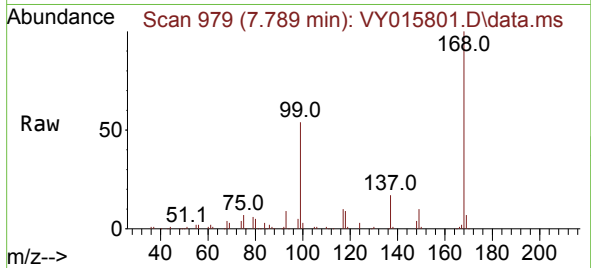




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

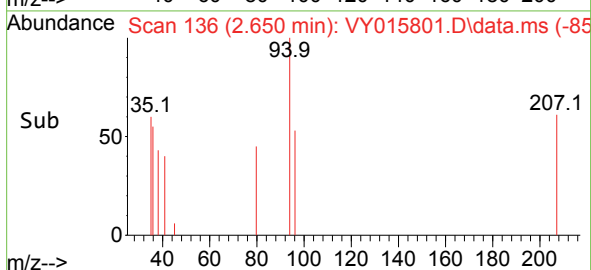
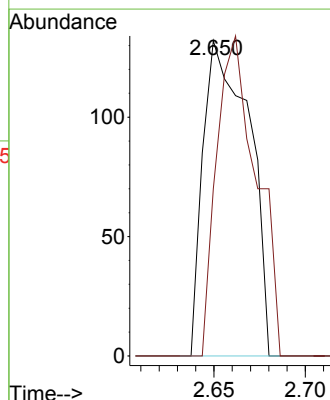
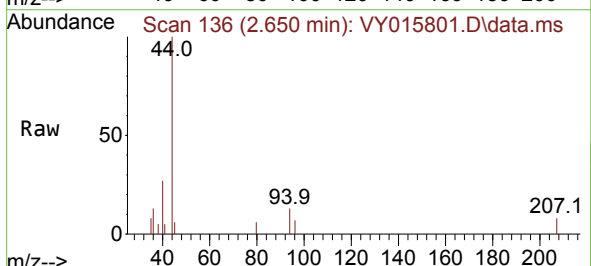
Instrument :
MSVOA_Y
ClientSampleId :

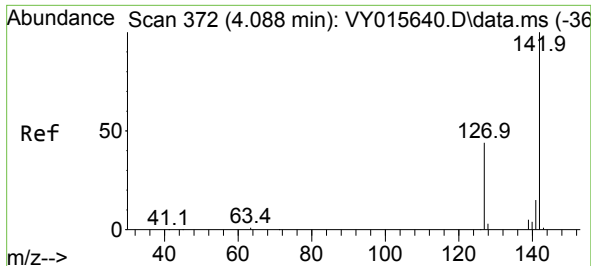
Tgt Ion:168 Resp: 110123
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#5
Bromomethane
Concen: 2.768 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

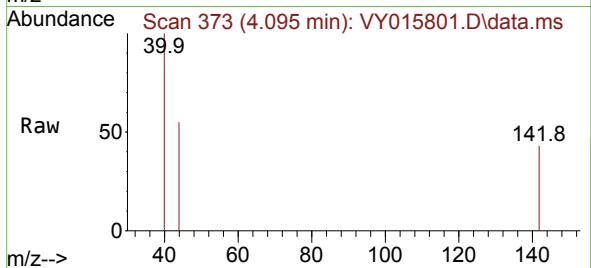
Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 53.0 75.8 113.6#



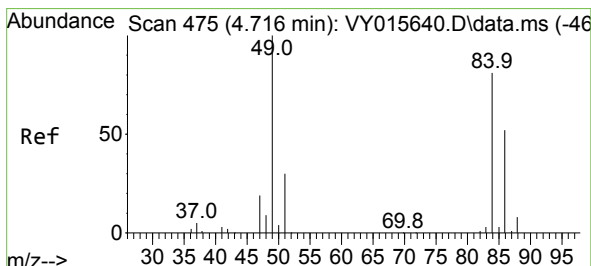
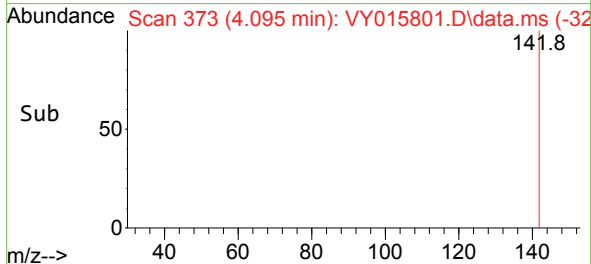
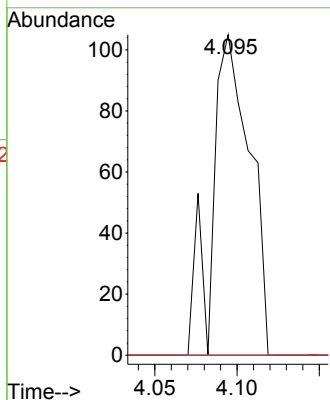


#10
Methyl Iodide
Concen: 2.852 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :

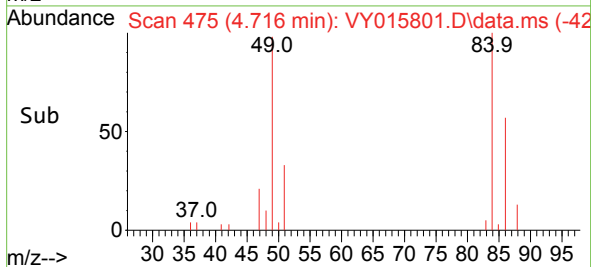
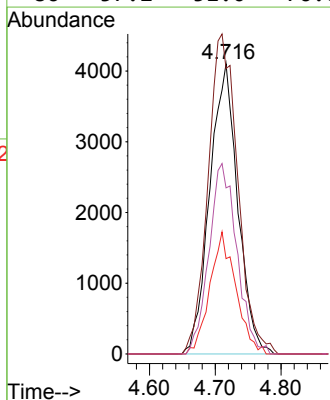
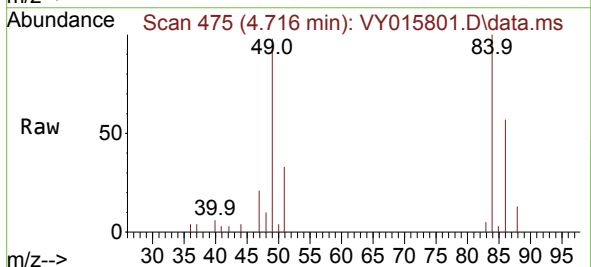


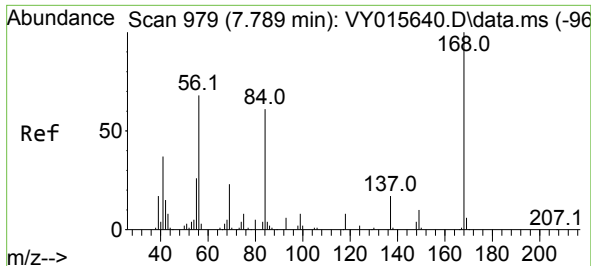
Tgt Ion:142 Resp: 169
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 4.128 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

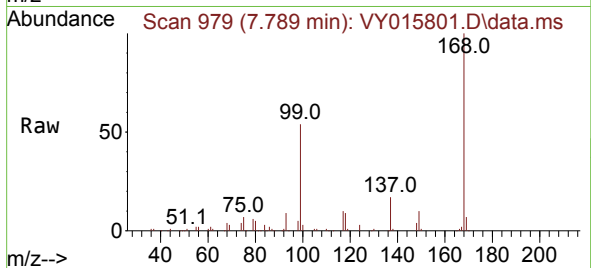
Tgt Ion: 84 Resp: 12168
Ion Ratio Lower Upper
84 100
49 98.3 106.9 160.3#
51 32.9 33.2 49.8#
86 57.2 51.0 76.6



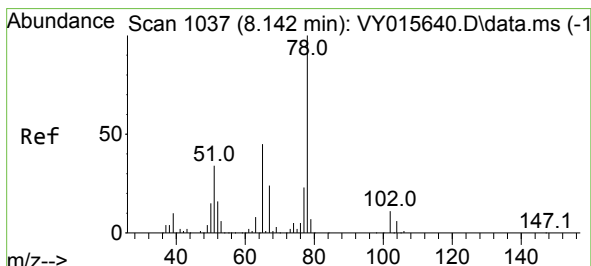
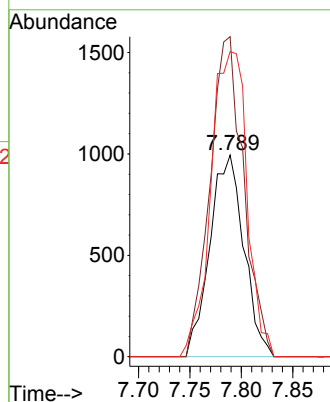
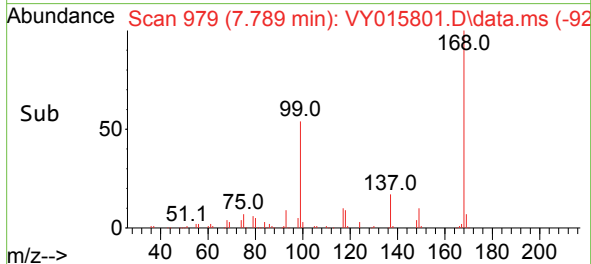


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :

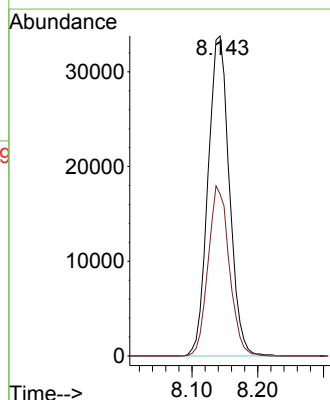
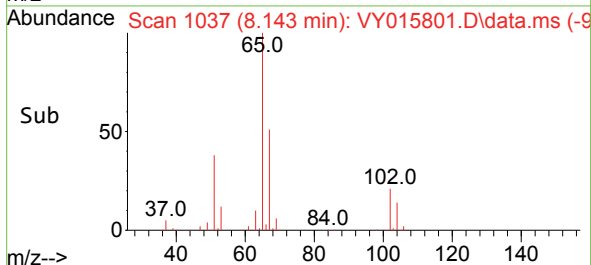
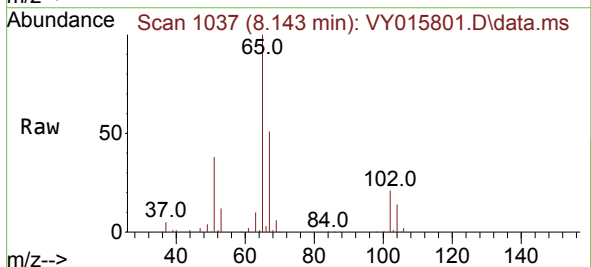


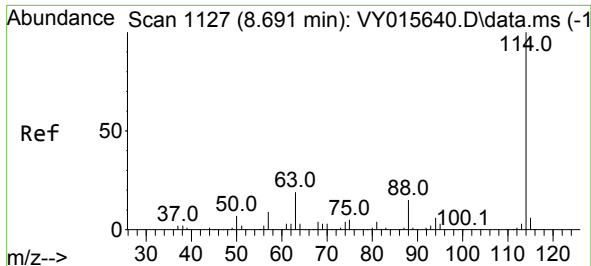
Tgt Ion: 56 Resp: 2282
Ion Ratio Lower Upper
56 100
69 158.8 27.8 41.6#
84 157.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.893 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Tgt Ion: 65 Resp: 76205
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

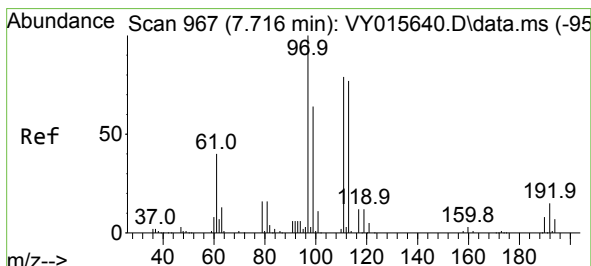
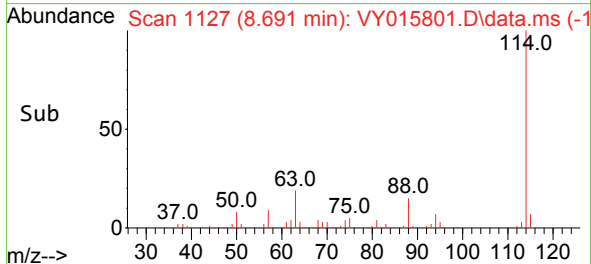
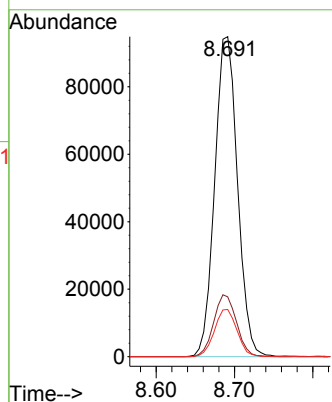
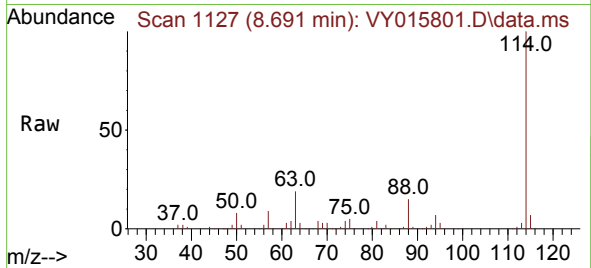




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

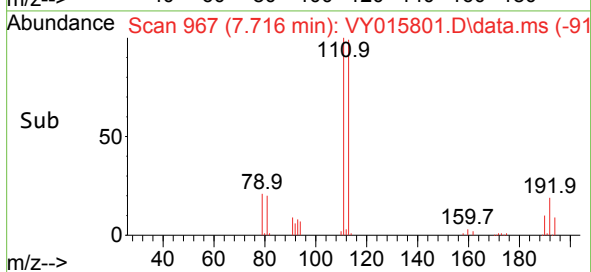
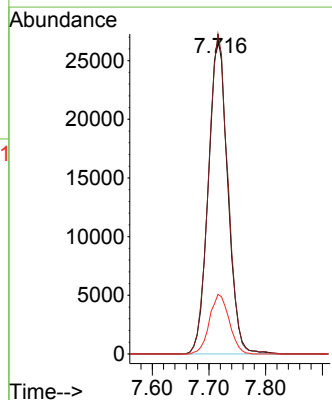
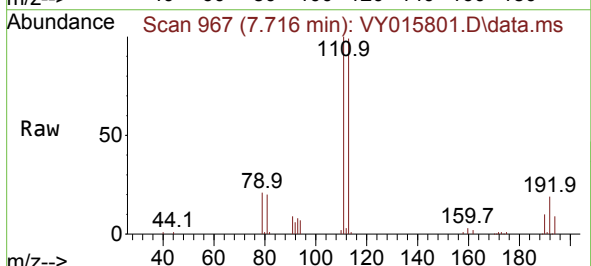
Instrument :
MSVOA_Y
ClientSampleId :

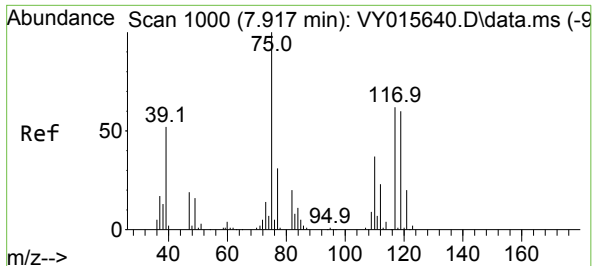
Tgt Ion:114 Resp: 191932
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.623 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

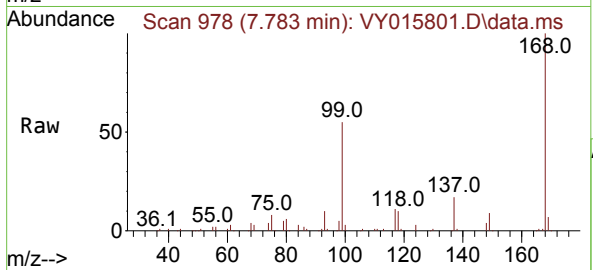
Tgt Ion:113 Resp: 63899
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3



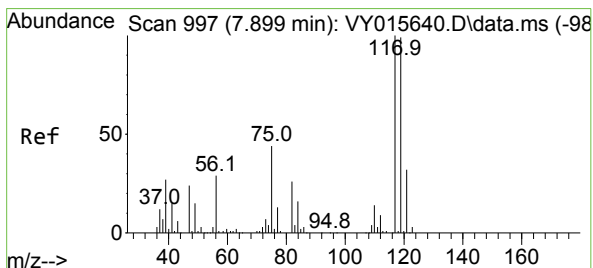
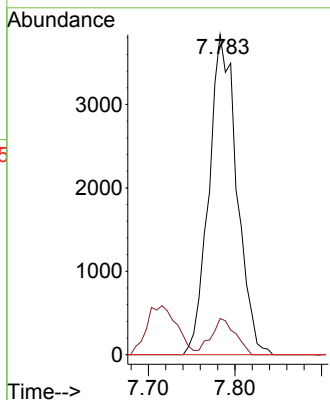
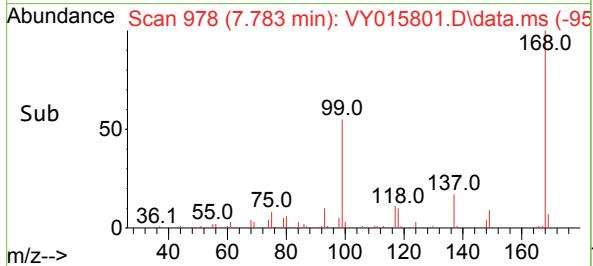


#36
 1,1-Dichloropropene
 Concen: 5.070 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY015801.D
 Acq: 03 Oct 2023 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :

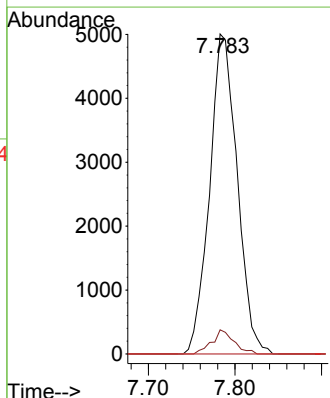
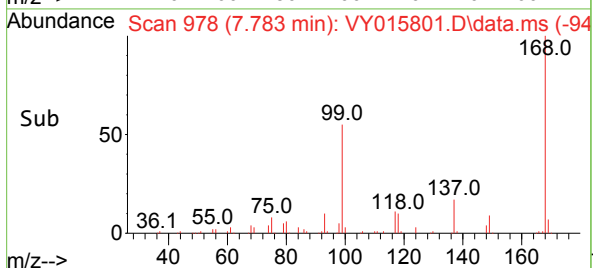
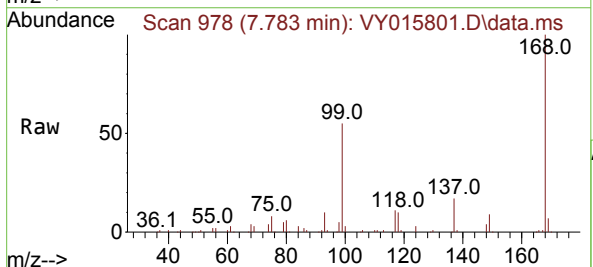


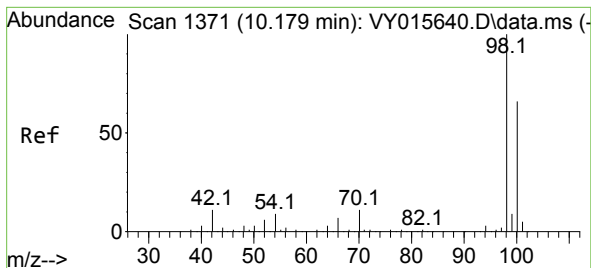
Tgt Ion: 75 Resp: 8611
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.014 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY015801.D
 Acq: 03 Oct 2023 13:22

Tgt Ion: 117 Resp: 11089
 Ion Ratio Lower Upper
 117 100
 119 7.6 76.4 114.6#
 121 0.0 25.8 38.6#

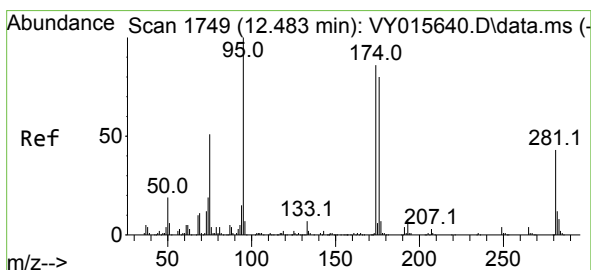
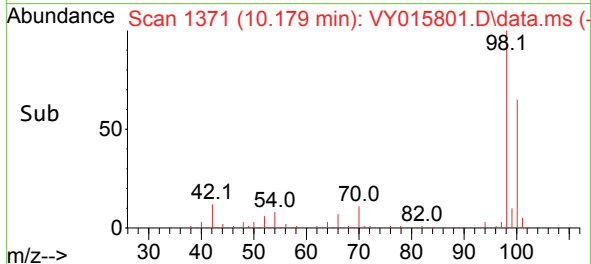
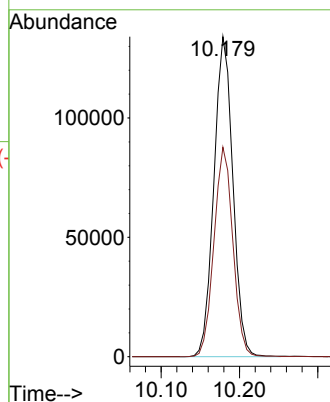
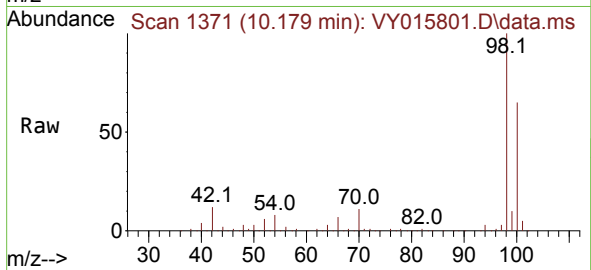




#50
Toluene-d8
Concen: 58.021 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

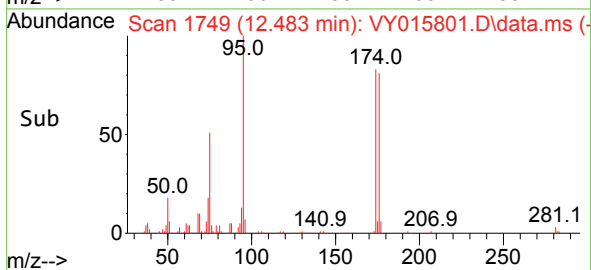
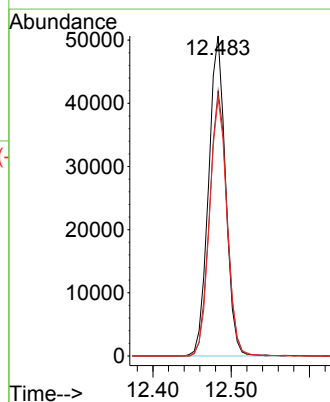
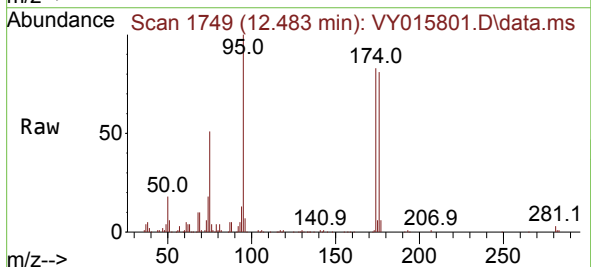
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MSVOA_Y
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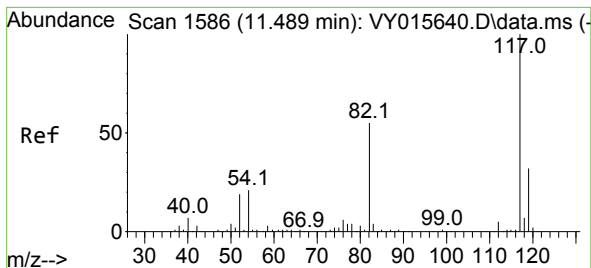
Tgt Ion: 98 Resp: 225996
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.794 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Tgt Ion: 95 Resp: 76114
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015801.D

Acq: 03 Oct 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

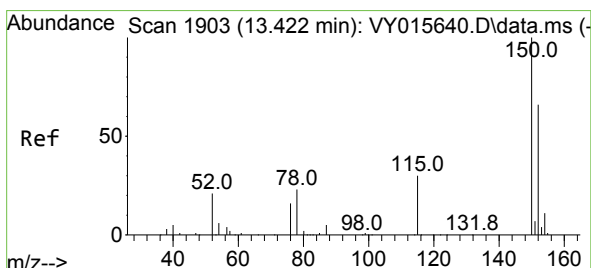
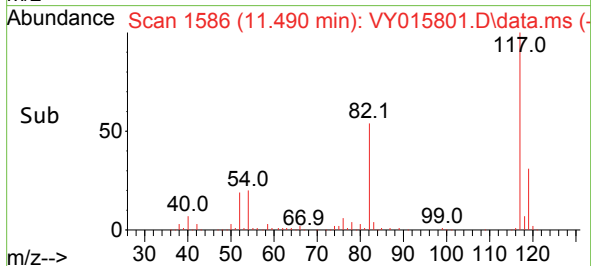
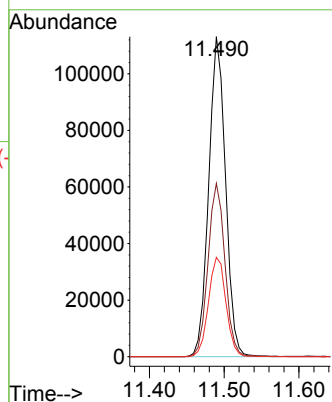
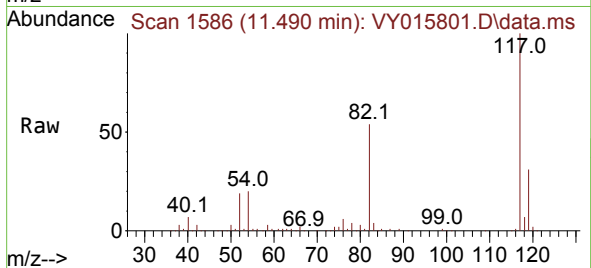
Tgt Ion:117 Resp: 176972

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.1 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: VY015801.D

Acq: 03 Oct 2023 13:22

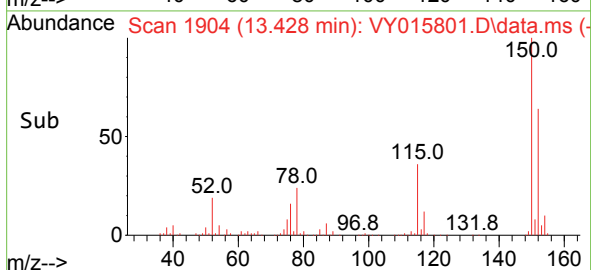
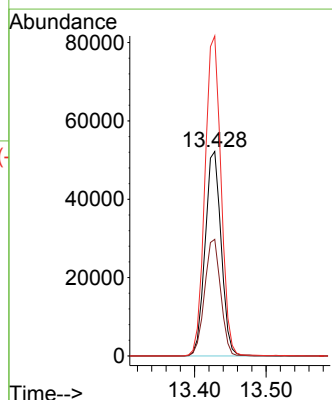
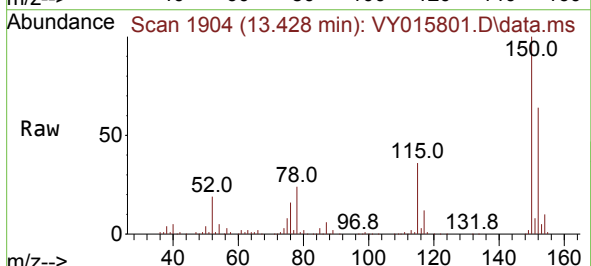
Tgt Ion:152 Resp: 81326

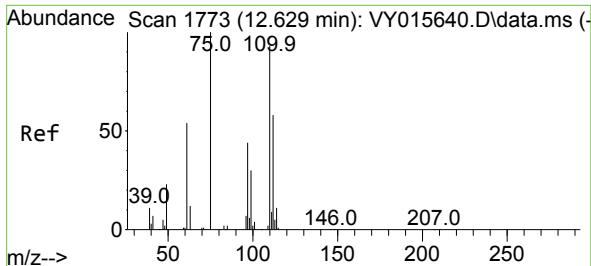
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.8 0.0 348.8

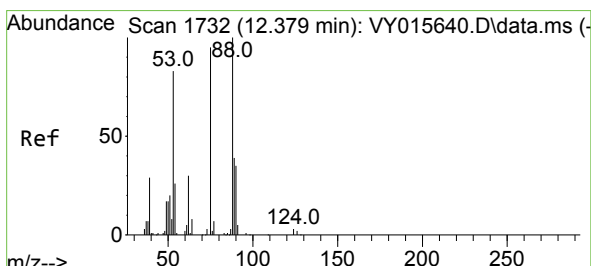
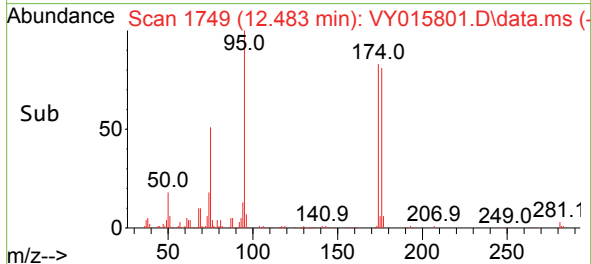
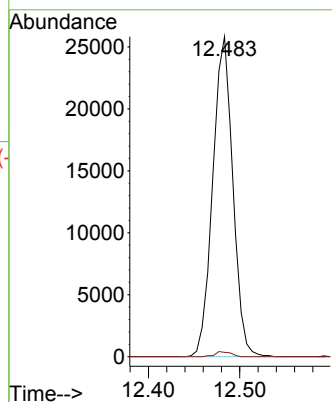
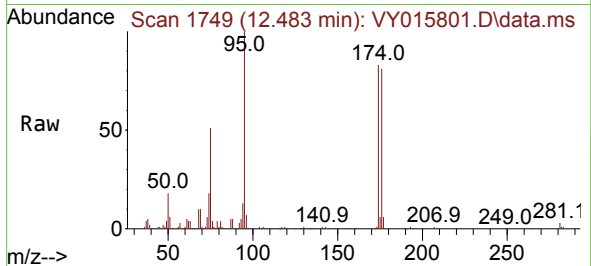




#76
1,2,3-Trichloropropane
Concen: 30.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39413
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Tgt Ion: 75 Resp: 39413
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

