

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014474.D
 Acq On : 28 Jun 2023 12:40
 Operator : KP/MD
 Sample : 03492-02RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1RE

Quant Time: Jun 29 02:16:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

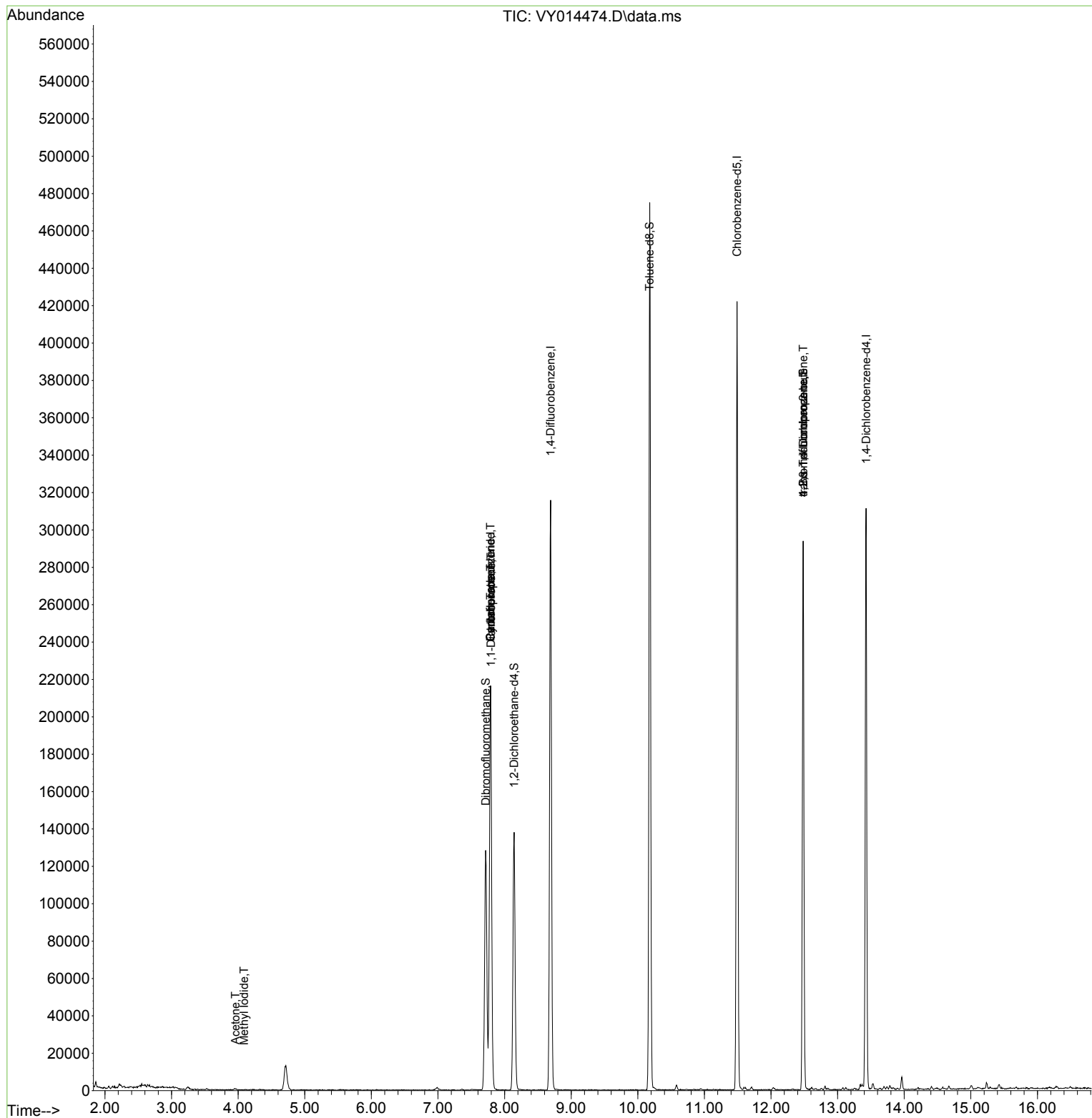
Internal Standards						
1) Pentafluorobenzene	7.789	168	171237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	223229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119024	55.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.960%	
35) Dibromofluoromethane	7.716	113	85481	52.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.179	98	304918	47.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.483	95	80845	35.214	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.420%	
Target Compounds						
10) Methyl Iodide	4.088	142	108	2.923	ug/l #	38
11) Tert butyl alcohol	4.954	59	288	Below Cal	#	89
16) Acetone	3.960	43	1095	1.637	ug/l	91
20) Methylene Chloride	4.716	84	10004	Below Cal	#	90
31) Cyclohexane	7.789	56	3702	1.410	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	12235	4.908	ug/l #	53
38) Carbon Tetrachloride	7.789	117	16408	5.230	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44438	43.985	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44438	100.138	ug/l #	11

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

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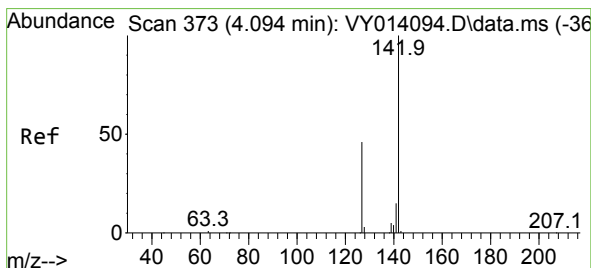
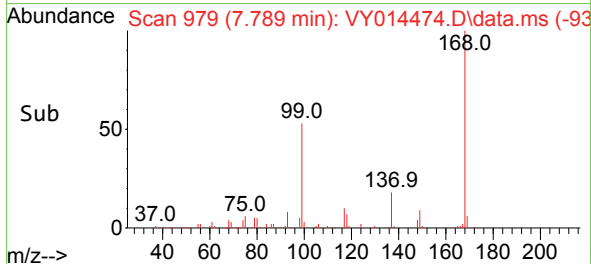
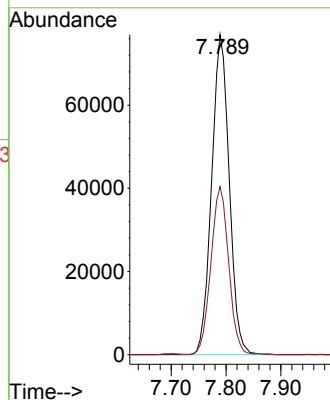
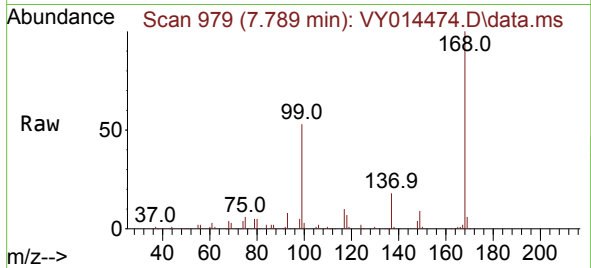




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

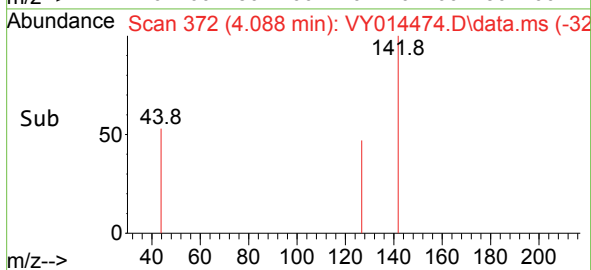
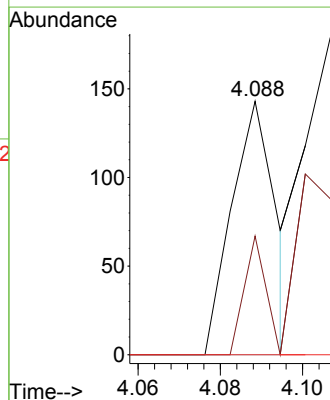
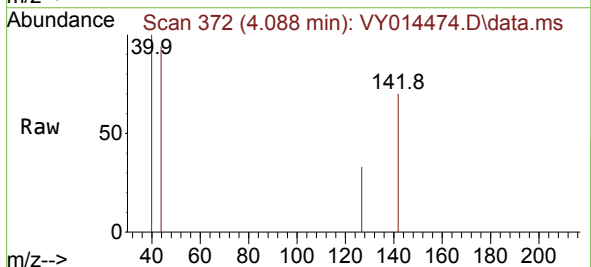
Instrument :
MSVOA_Y
ClientSampleId :
RY-1RE

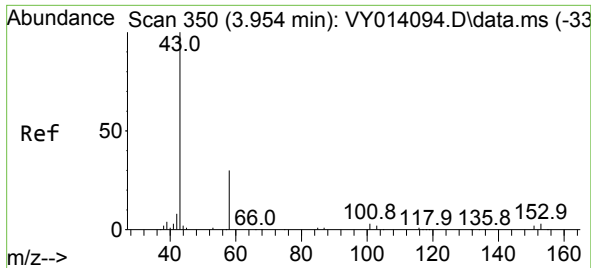
Tgt Ion:168 Resp: 171237
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.923 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 1.637 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY014474.D

Acq: 28 Jun 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

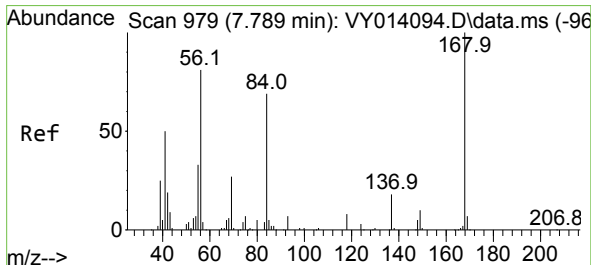
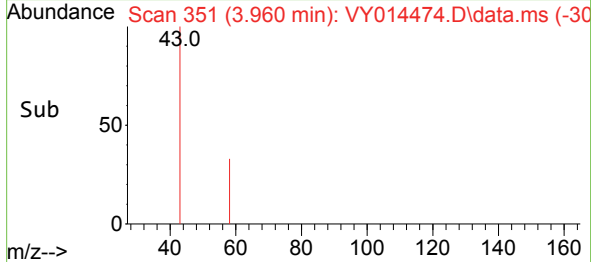
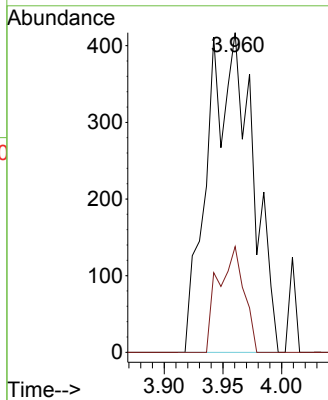
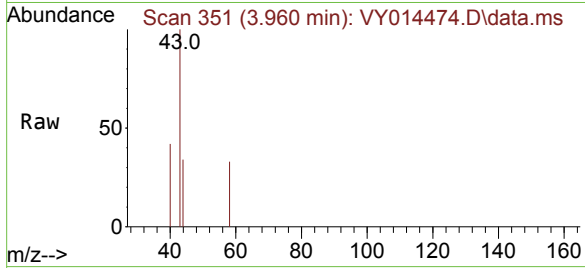
RY-1RE

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

58 33.1 22.7 34.1



#31

Cyclohexane

Concen: 1.410 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY014474.D

Acq: 28 Jun 2023 12:40

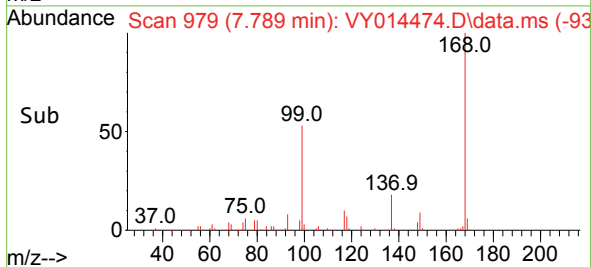
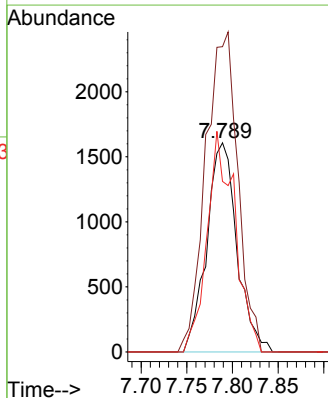
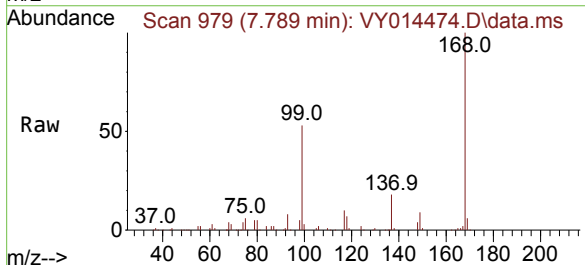
Tgt Ion: 56 Resp: 3702

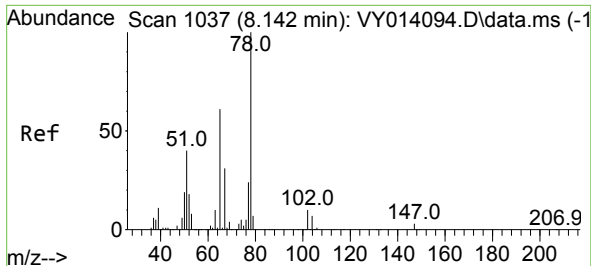
Ion Ratio Lower Upper

56 100

69 146.0 27.8 41.6#

84 81.6 66.4 99.6

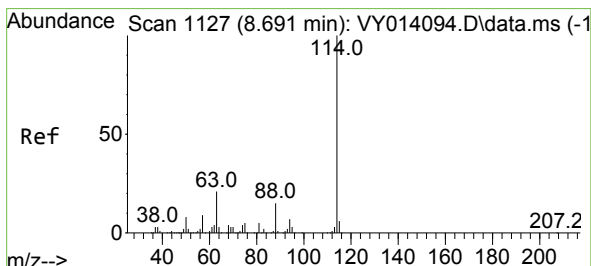
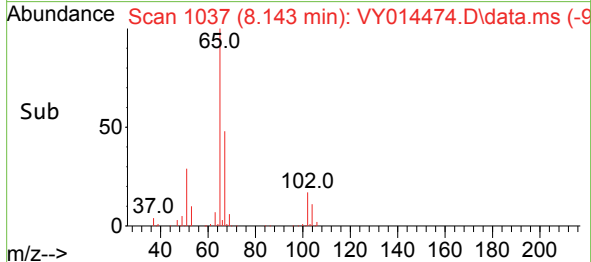
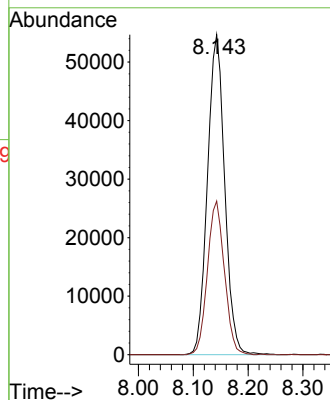
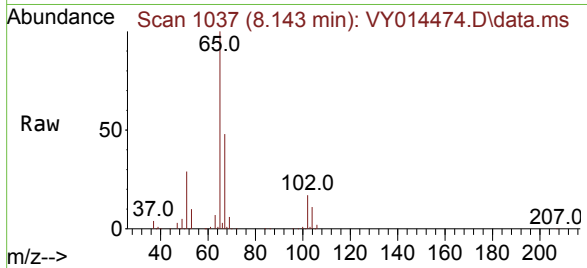




#33
 1,2-Dichloroethane-d4
 Concen: 55.983 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014474.D
 Acq: 28 Jun 2023 12:40

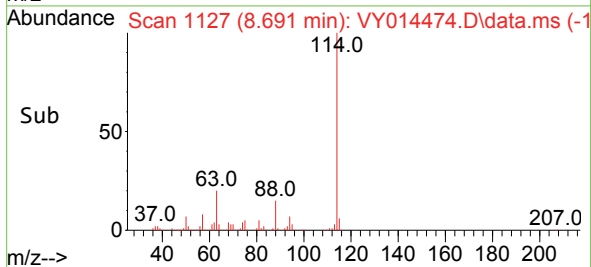
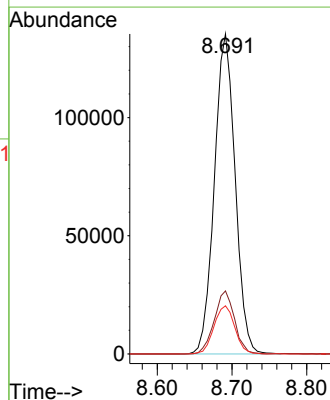
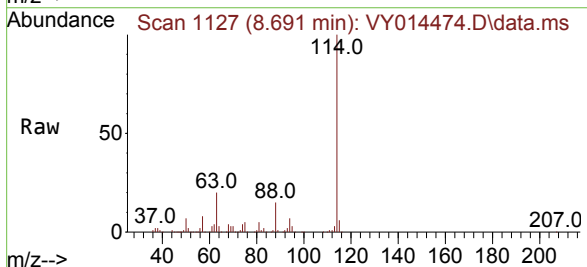
Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1RE

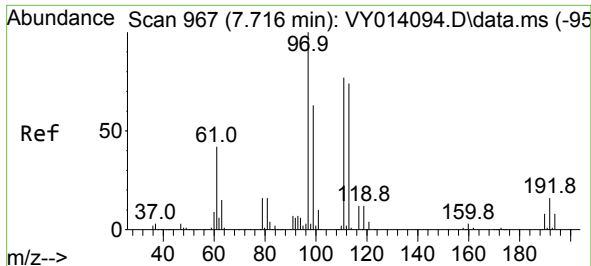
Tgt Ion: 65 Resp: 119024
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014474.D
 Acq: 28 Jun 2023 12:40

Tgt Ion: 114 Resp: 261848
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.0 0.0 30.6

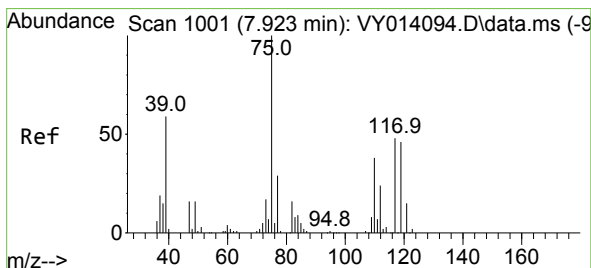
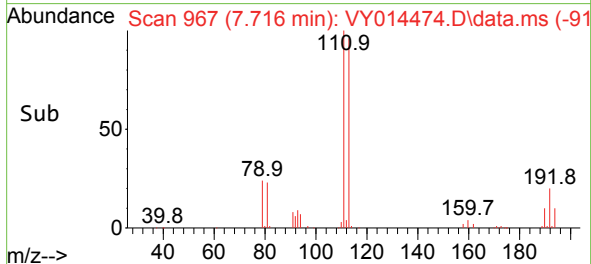
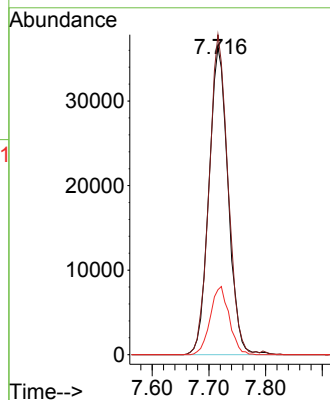
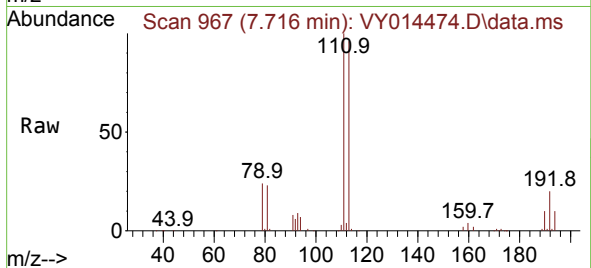




#35
Dibromofluoromethane
Concen: 52.839 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

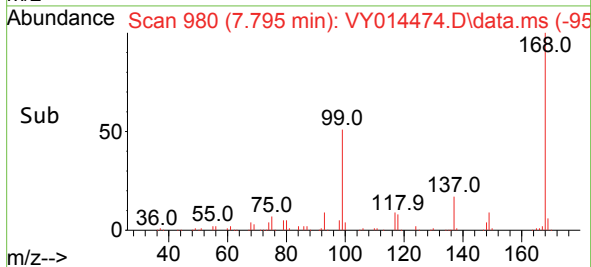
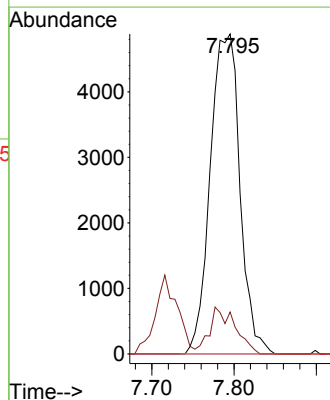
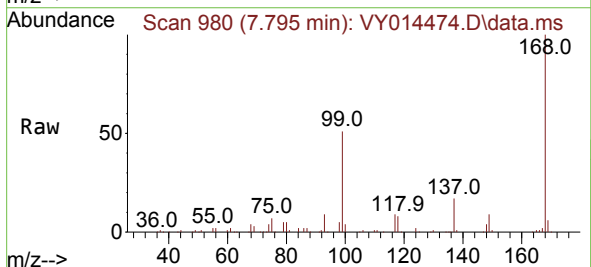
Instrument :
MSVOA_Y
ClientSampleId :
RY-1RE

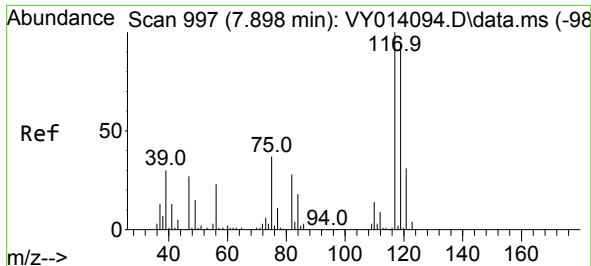
Tgt Ion:113 Resp: 85481
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Tgt Ion: 75 Resp: 12235
Ion Ratio Lower Upper
75 100
110 12.7 17.8 53.5#
77 0.0 24.4 36.6#

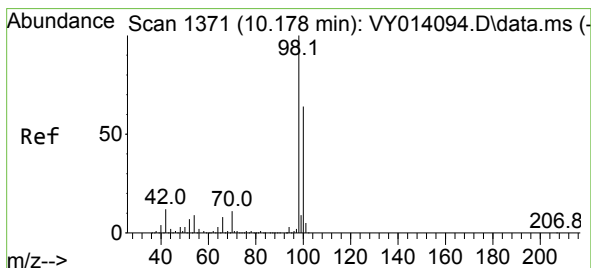
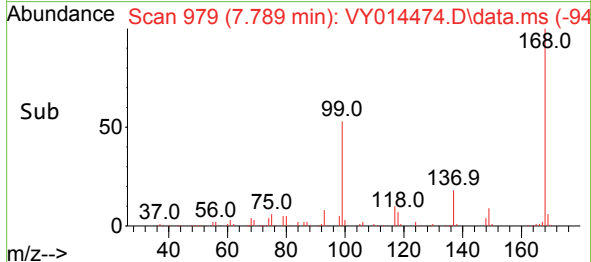
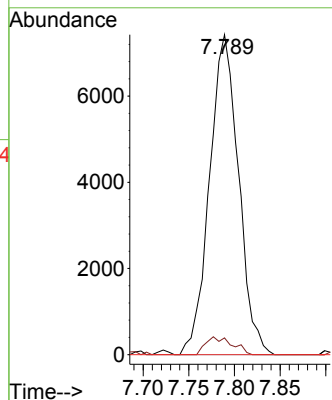
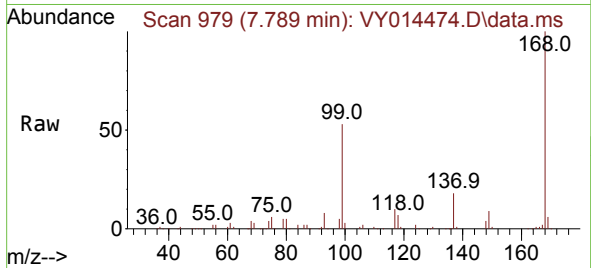




#38
Carbon Tetrachloride
Concen: 5.230 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

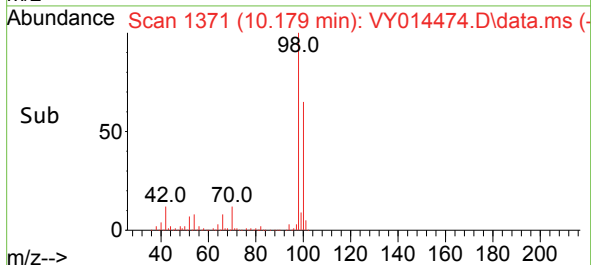
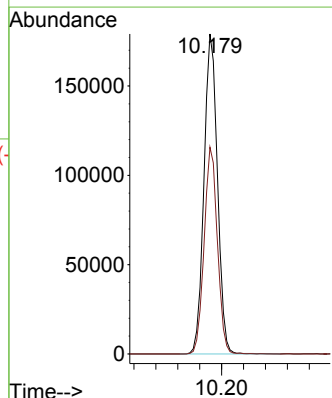
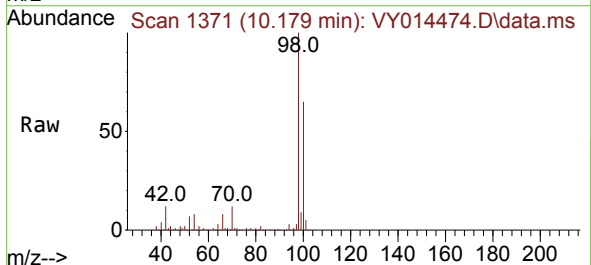
Instrument :
MSVOA_Y
ClientSampleId :
RY-1RE

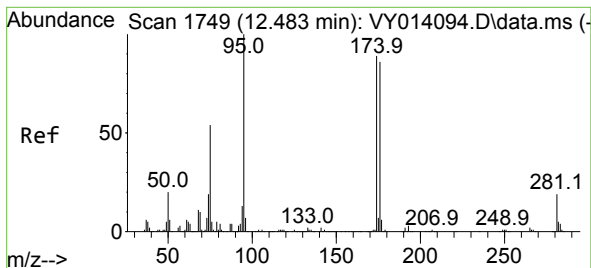
Tgt Ion:117 Resp: 16408
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.416 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Tgt Ion: 98 Resp: 304918
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

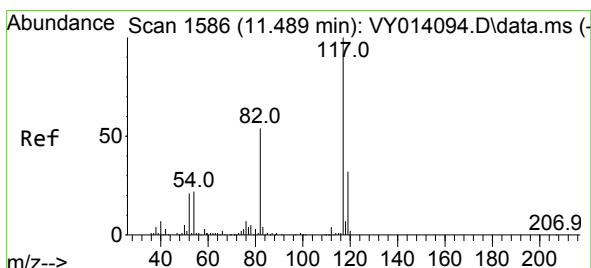
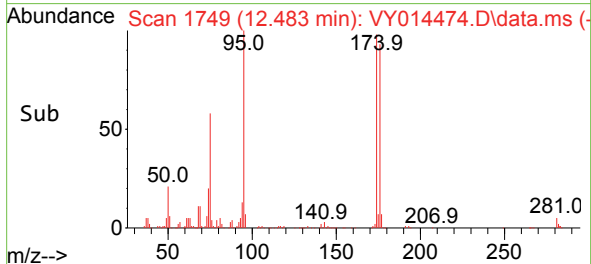
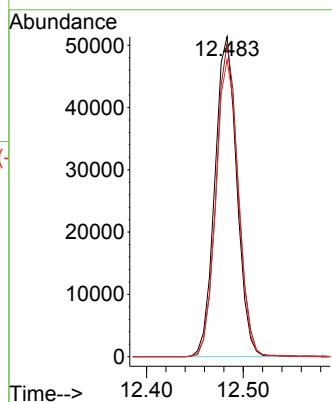
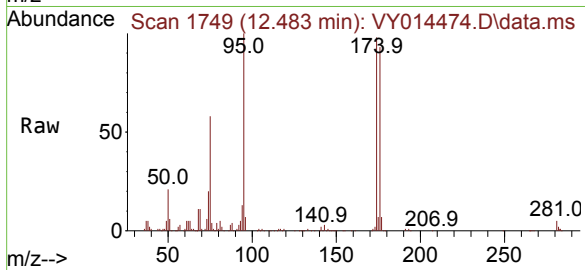




#62
4-Bromofluorobenzene
Concen: 35.214 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

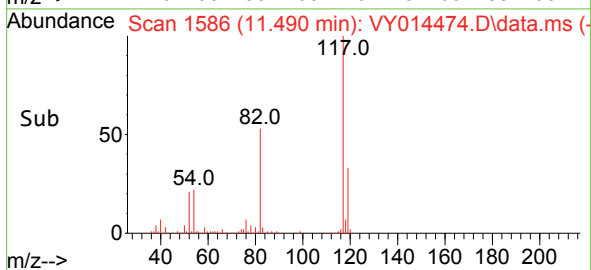
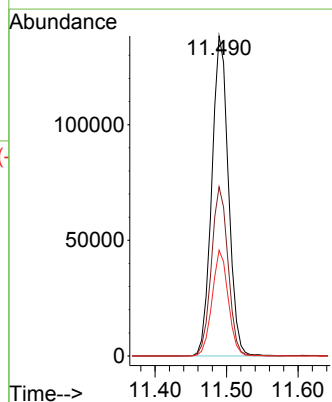
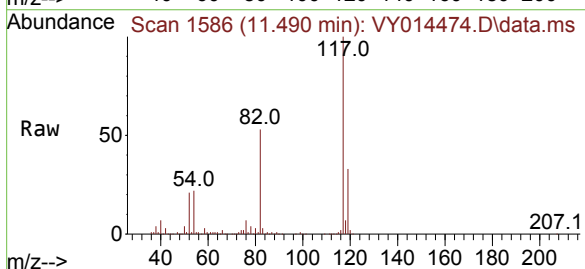
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MSVOA_Y
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RY-1RE

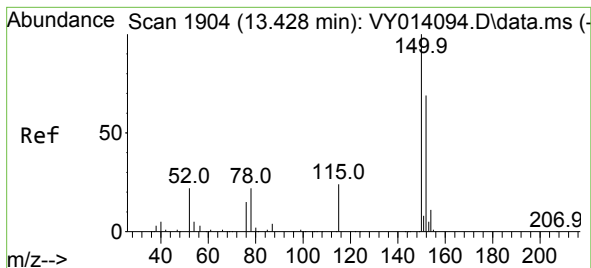
Tgt Ion: 95 Resp: 80845
Ion Ratio Lower Upper
95 100
174 97.8 0.0 178.2
176 95.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Tgt Ion: 117 Resp: 223229
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 33.0 26.3 39.5

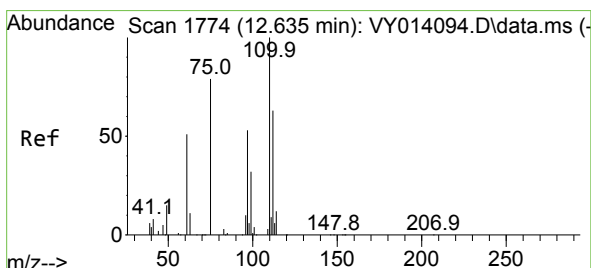
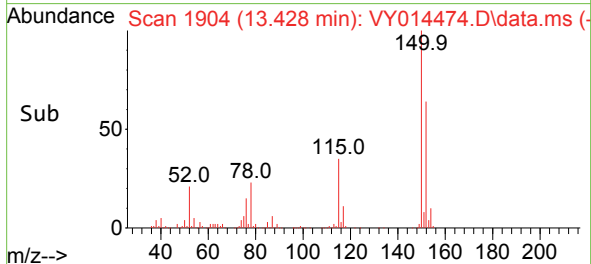
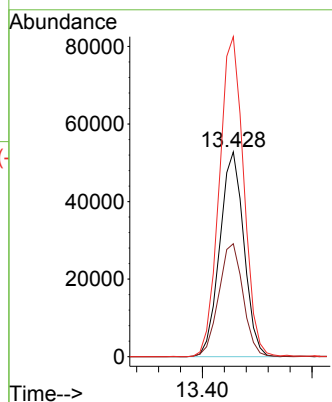
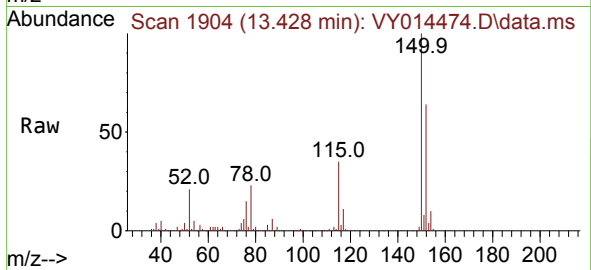




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014474.D
 Acq: 28 Jun 2023 12:40

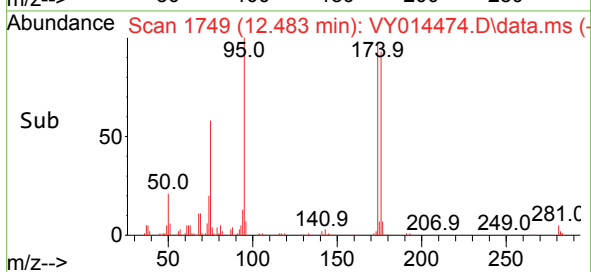
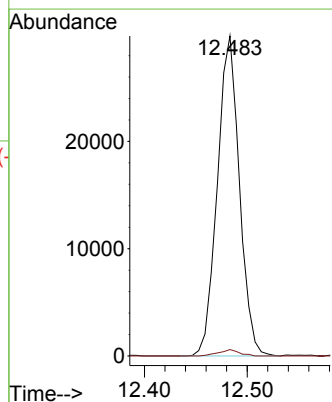
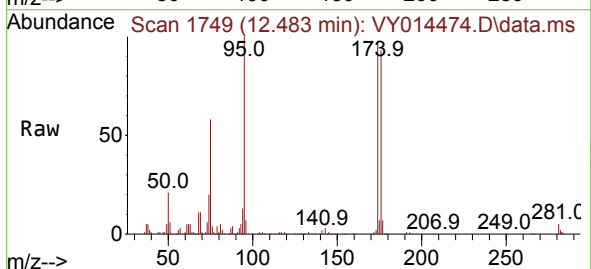
Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1RE

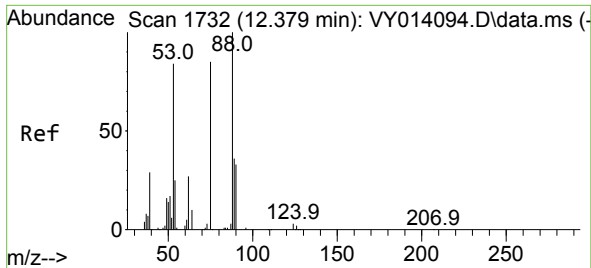
Tgt Ion:152 Resp: 80540
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.8 86.5
 150 159.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 43.985 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY014474.D
 Acq: 28 Jun 2023 12:40

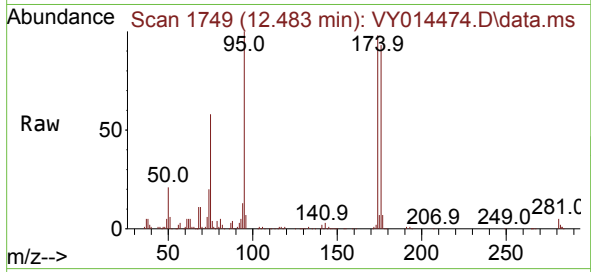
Tgt Ion: 75 Resp: 44438
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.138 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014474.D
Acq: 28 Jun 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
RY-1RE



Tgt Ion: 75 Resp: 44438
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.2 37.4 56.0#

