

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014734.D
 Acq On : 21 Jul 2023 10:13
 Operator : SY/MD
 Sample : VY0721SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

Quant Time: Jul 22 05:31:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

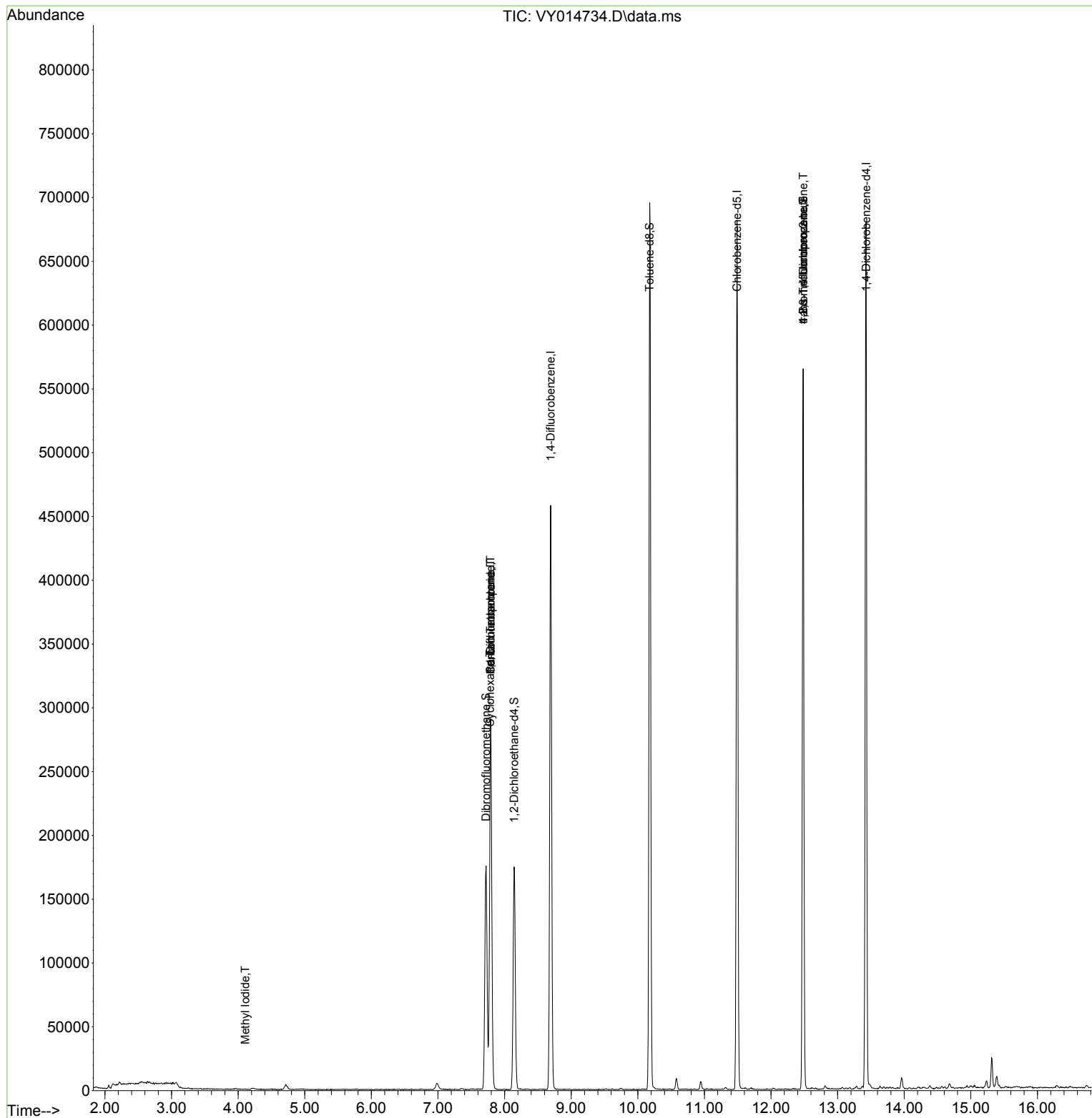
Internal Standards						
1) Pentafluorobenzene	7.789	168	226755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	396429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	136925	52.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.980%			
35) Dibromofluoromethane	7.722	113	125259	49.636	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.280%			
50) Toluene-d8	10.179	98	465965	50.083	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.483	95	175439	49.178	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.360%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	258	2.467	ug/l #	64
11) Tert butyl alcohol	4.954	59	402	Below Cal	#	89
20) Methylene Chloride	4.716	84	2672	Below Cal	#	91
31) Cyclohexane	7.783	56	4423	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17089	4.528	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22995	5.764	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	90963	41.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90963	79.436	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
Data File : VY014734.D
Acq On : 21 Jul 2023 10:13
Operator : SY/MD
Sample : VY0721SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

Quant Time: Jul 22 05:31:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

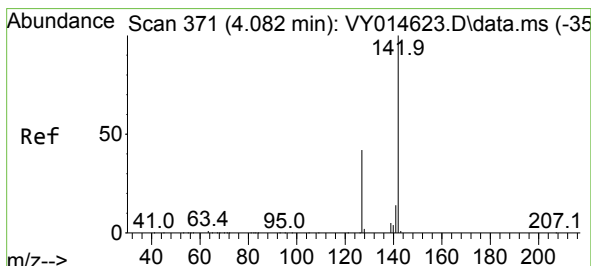
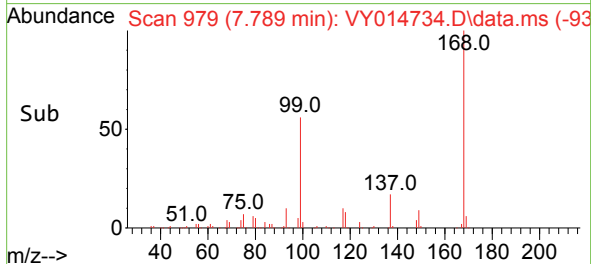
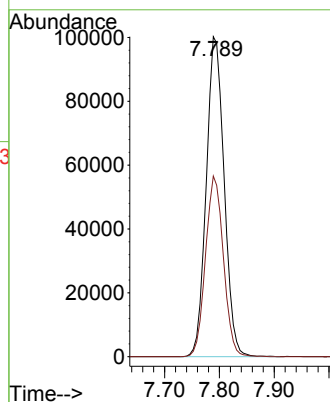
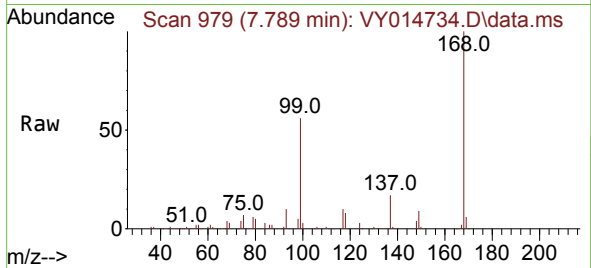




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

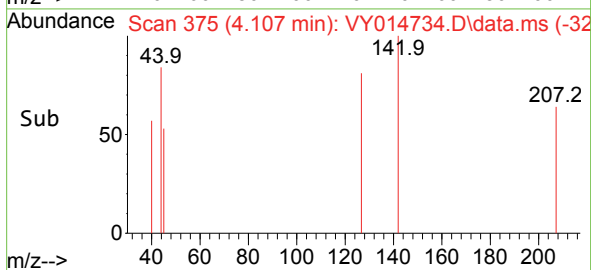
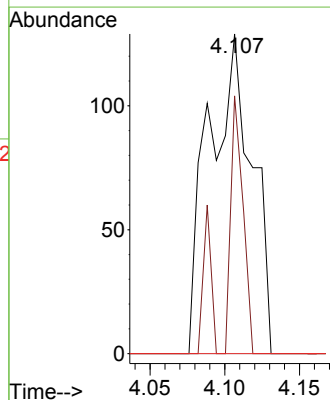
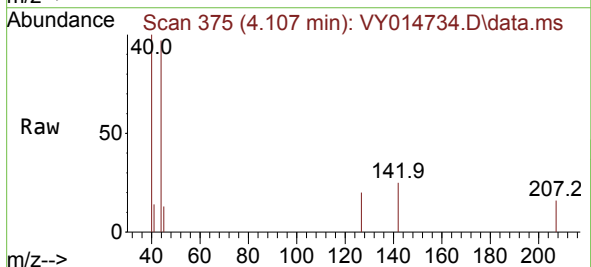
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

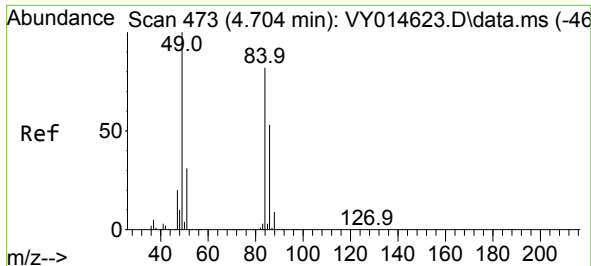
Tgt Ion:168 Resp: 226755
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.467 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

Tgt Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
127 22.9 37.6 56.4#
141 0.0 11.8 17.8#

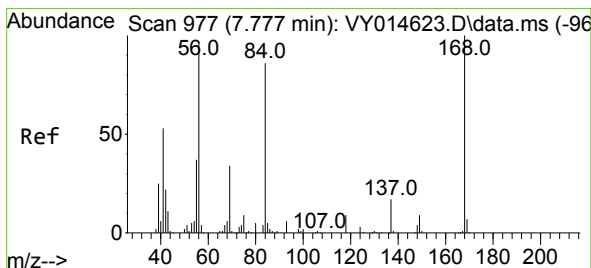
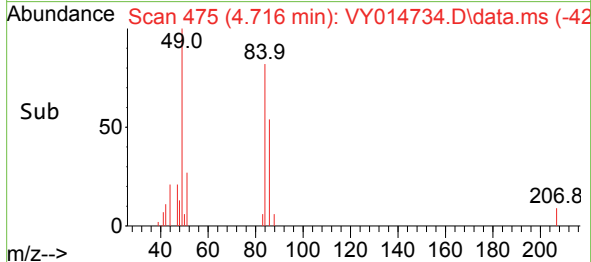
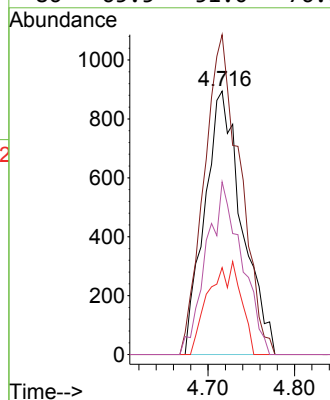
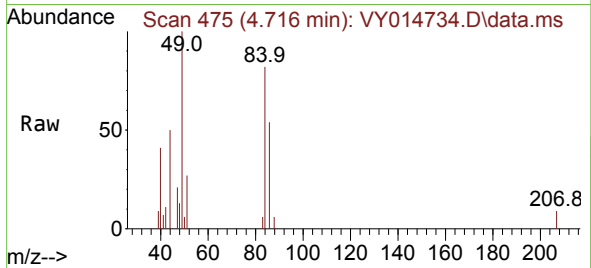




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

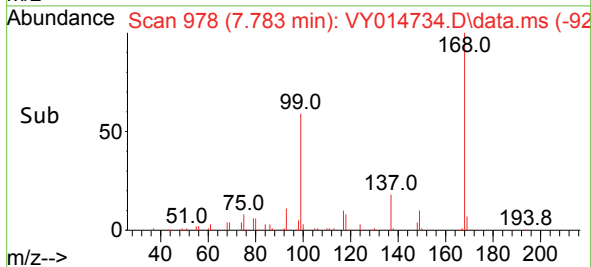
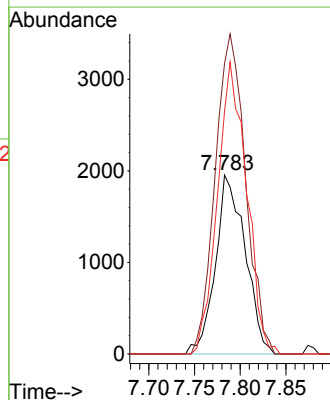
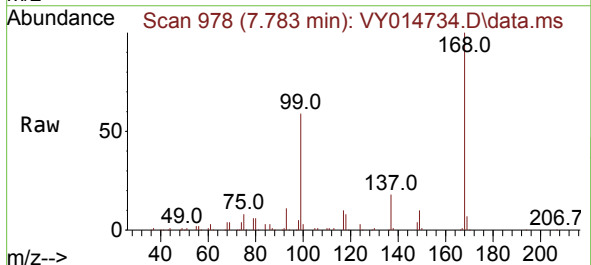
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

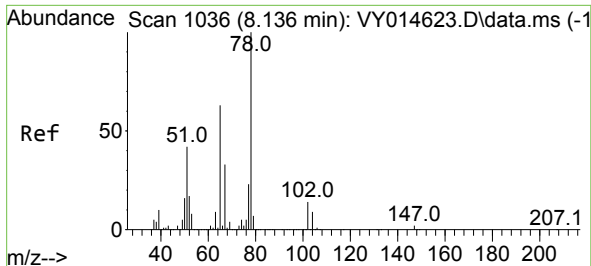
Tgt Ion:	84	Resp:	2672
Ion	Ratio	Lower	Upper
84	100		
49	121.5	106.9	160.3
51	33.0	33.2	49.8#
86	65.5	51.0	76.6



#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

Tgt Ion:	56	Resp:	4423
Ion	Ratio	Lower	Upper
56	100		
69	162.4	27.8	41.6#
84	135.5	66.4	99.6#

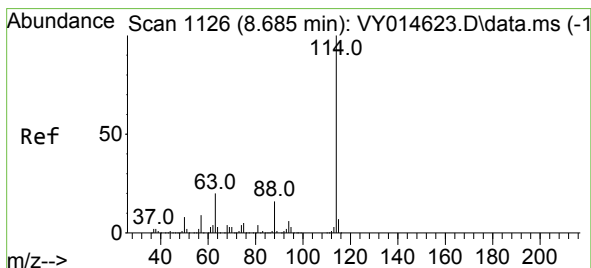
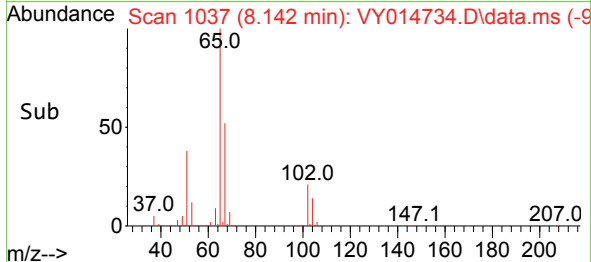
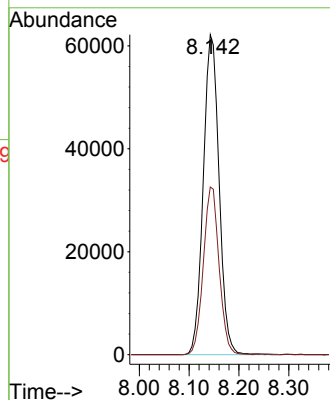
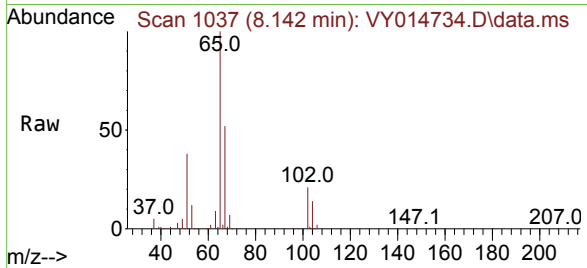




#33
 1,2-Dichloroethane-d4
 Concen: 52.990 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY014734.D
 Acq: 21 Jul 2023 10:13

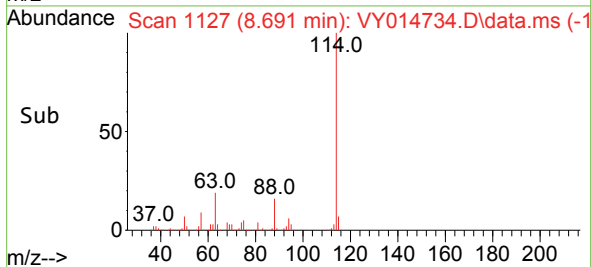
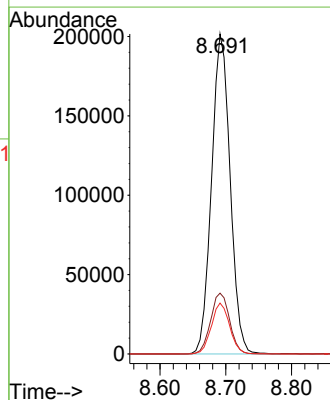
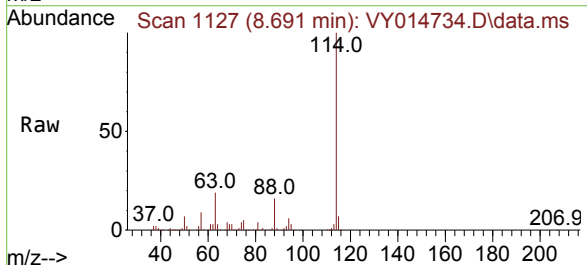
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

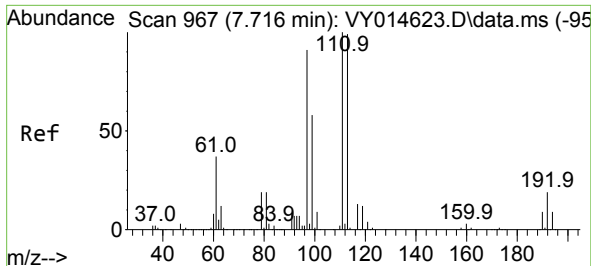
Tgt Ion: 65 Resp: 136925
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014734.D
 Acq: 21 Jul 2023 10:13

Tgt Ion:114 Resp: 396429
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.9 0.0 30.6

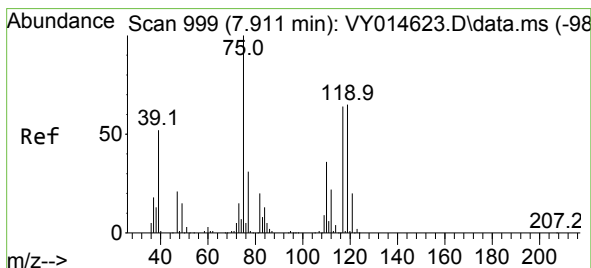
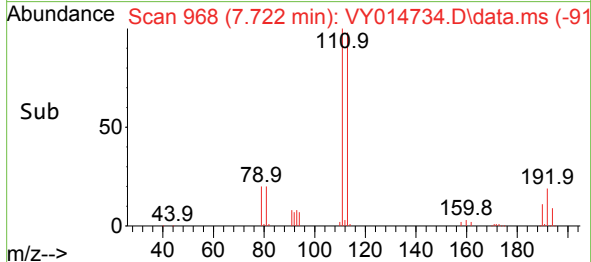
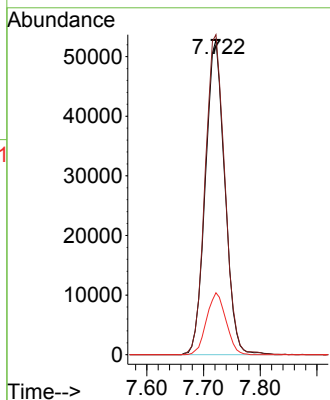
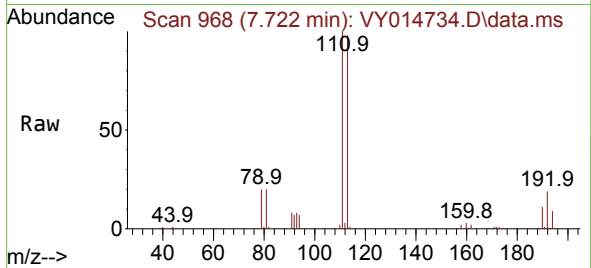




#35
 Dibromofluoromethane
 Concen: 49.636 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY014734.D
 Acq: 21 Jul 2023 10:13

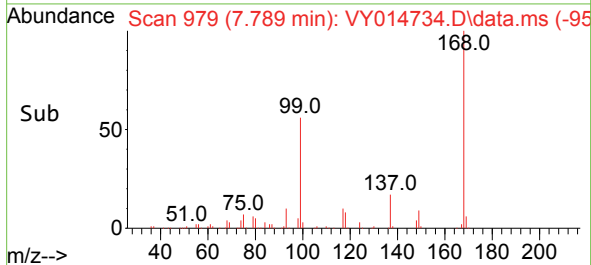
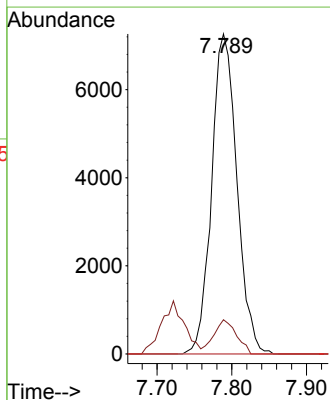
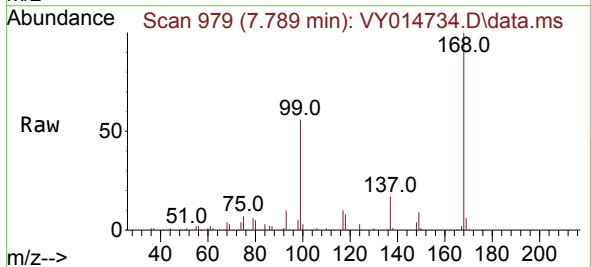
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

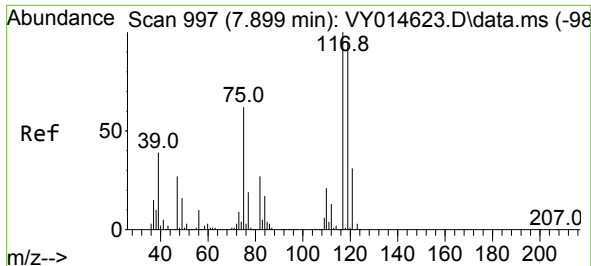
Tgt Ion:113 Resp: 125259
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.3 121.9
 192 19.7 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.528 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY014734.D
 Acq: 21 Jul 2023 10:13

Tgt Ion: 75 Resp: 17089
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.8 53.5#
 77 0.0 24.4 36.6#

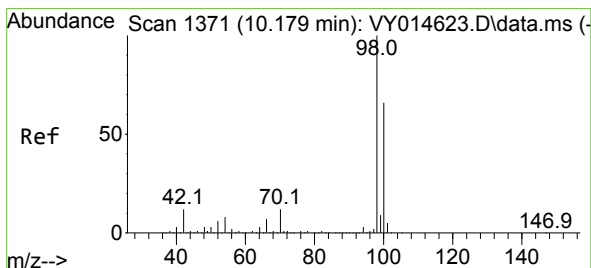
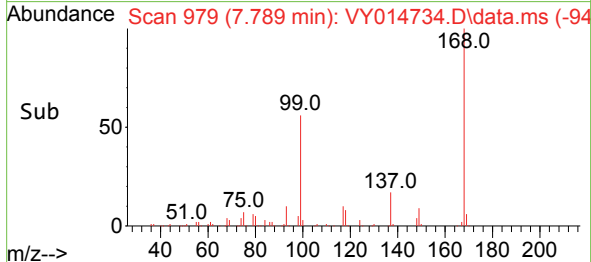
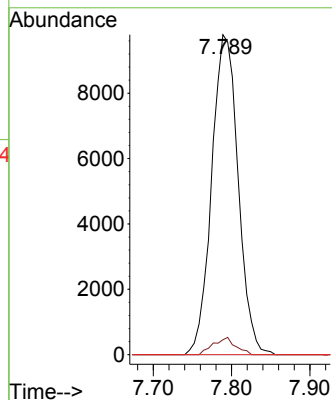
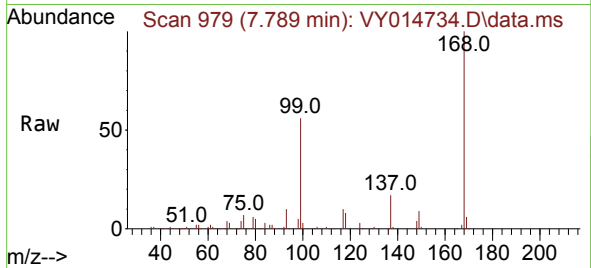




#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

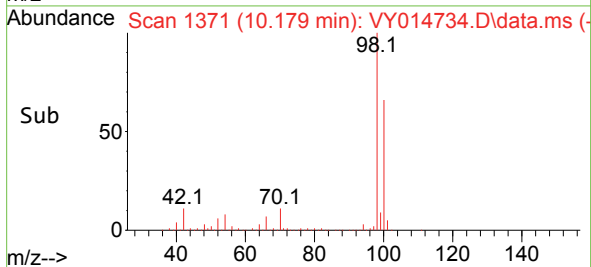
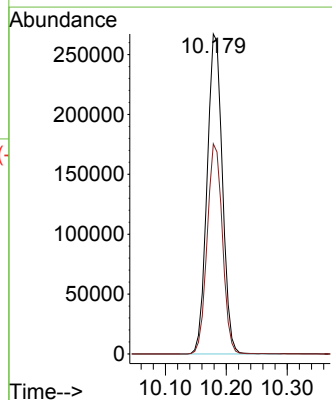
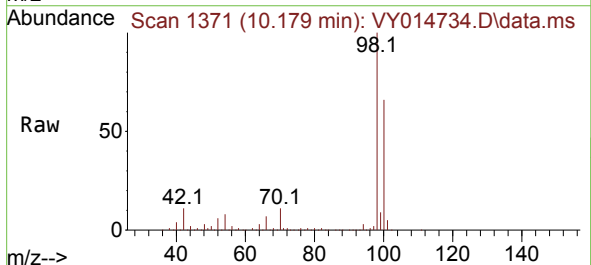
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

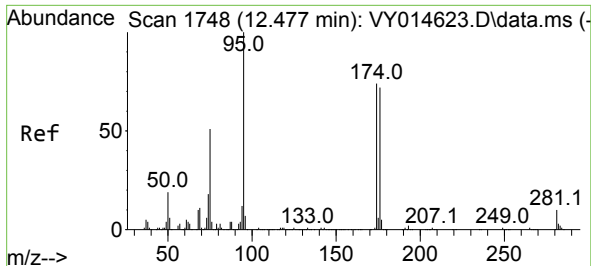
Tgt Ion:117 Resp: 22995
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

Tgt Ion: 98 Resp: 465965
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

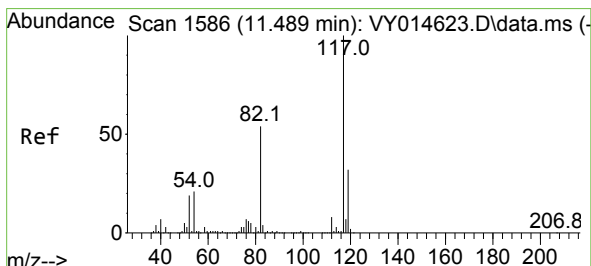
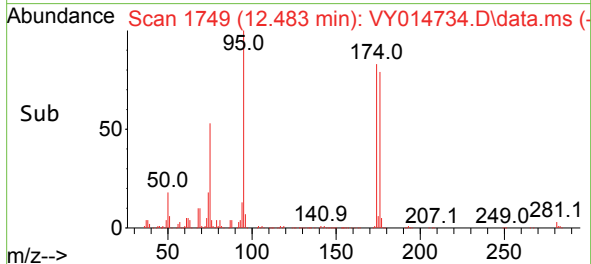
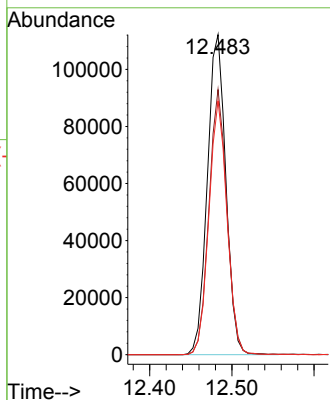
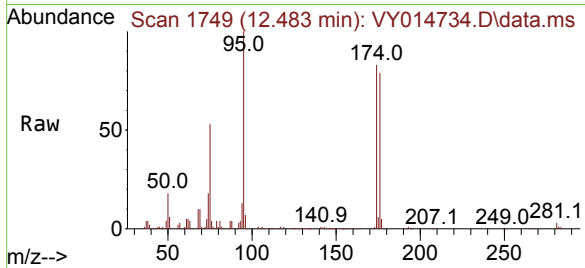




#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

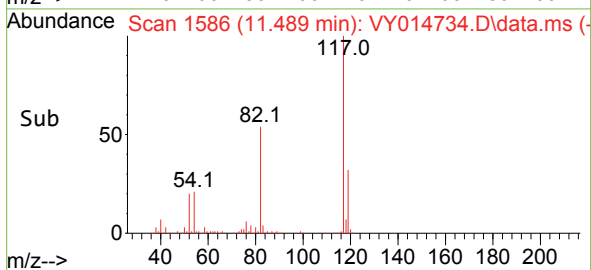
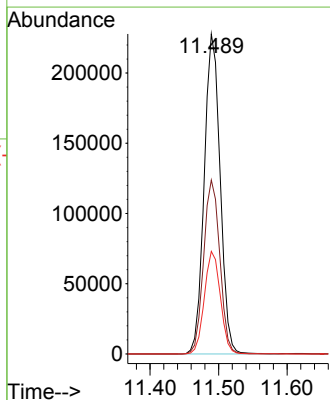
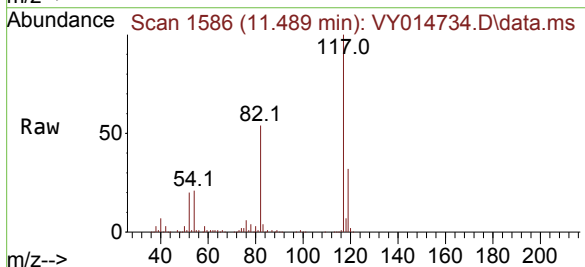
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBL01

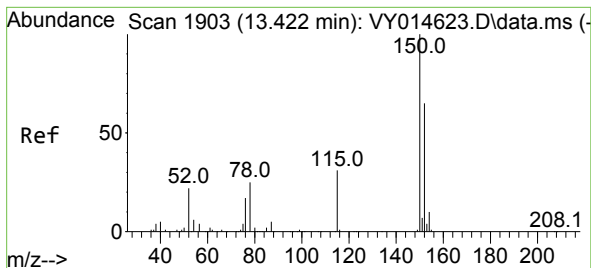
Tgt Ion: 95 Resp: 175439
Ion Ratio Lower Upper
95 100
174 80.7 0.0 178.2
176 77.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014734.D
Acq: 21 Jul 2023 10:13

Tgt Ion: 117 Resp: 369552
Ion Ratio Lower Upper
117 100
82 54.4 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: VY014734.D

Acq: 21 Jul 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBL01

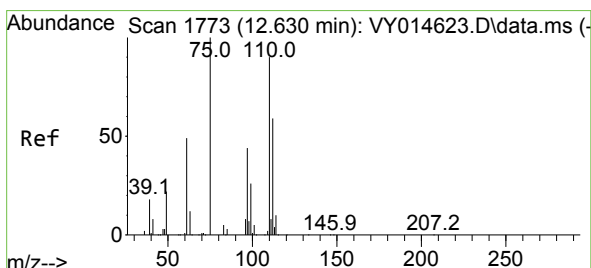
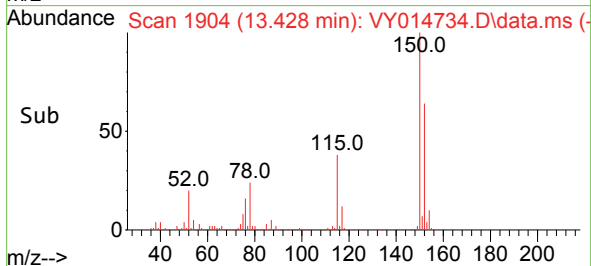
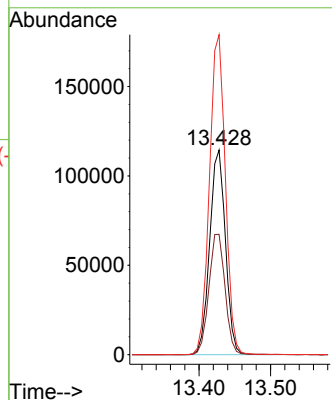
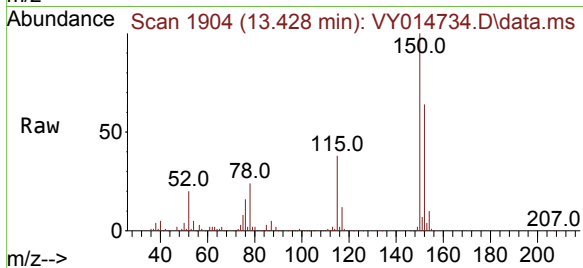
Tgt Ion:152 Resp: 175549

Ion Ratio Lower Upper

152 100

115 60.4 28.8 86.5

150 157.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.027 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014734.D

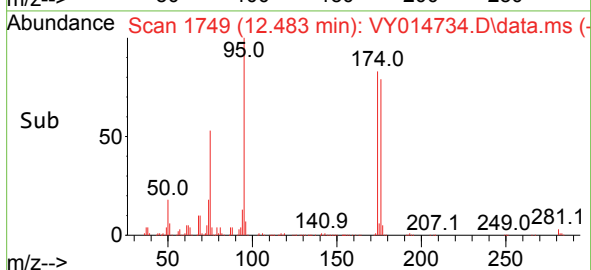
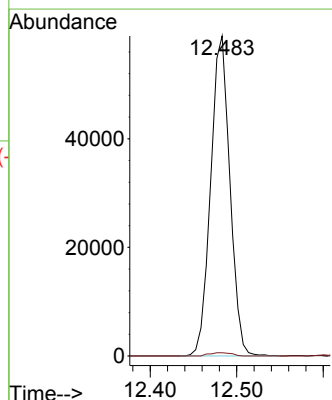
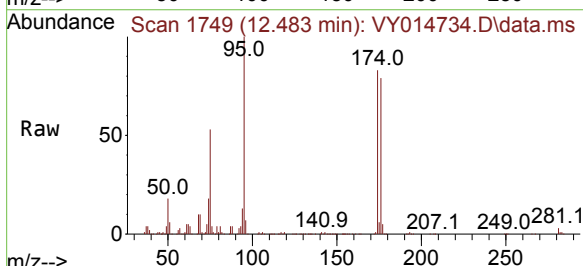
Acq: 21 Jul 2023 10:13

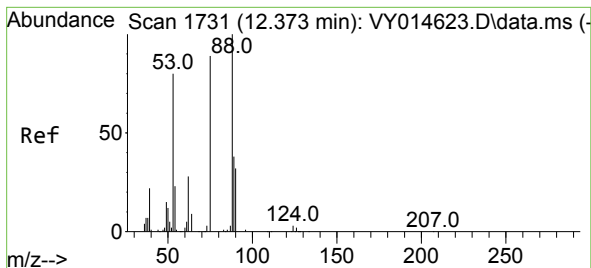
Tgt Ion: 75 Resp: 90963

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.436 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014734.D
 Acq: 21 Jul 2023 10:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBL01

Tgt Ion: 75 Resp: 90963
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

