

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015800.D
 Acq On : 03 Oct 2023 12:59
 Operator : SY/MD
 Sample : 04627-25RE
 Misc : 3.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:10:25 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)

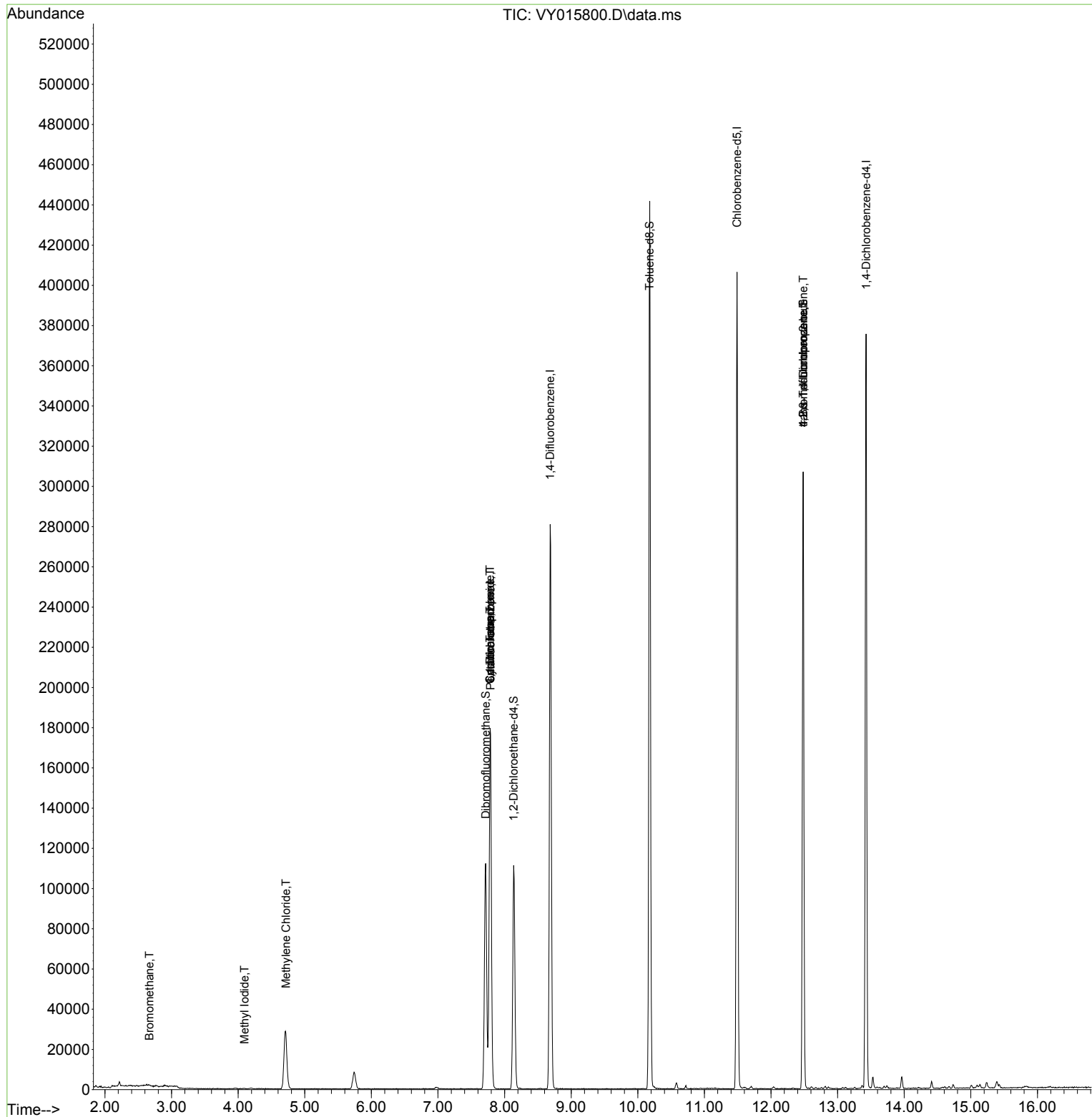
Internal Standards						
1) Pentafluorobenzene	7.789	168	141015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85540	55.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.716	113	79224	53.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.960%
50) Toluene-d8	10.179	98	288685	58.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.020%
62) 4-Bromofluorobenzene	12.483	95	92327	47.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.560%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	246	2.732	ug/l #	74
10) Methyl Iodide	4.095	142	234	2.862	ug/l #	38
11) Tert butyl alcohol	4.954	59	34	Below Cal	#	89
20) Methylene Chloride	4.716	84	22346	8.247	ug/l	86
31) Cyclohexane	7.783	56	3112	1.448	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	11011	5.074	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14048	5.964	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48791	31.970	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48791	71.994	ug/l #	10

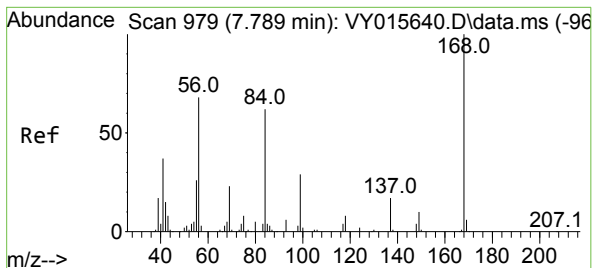
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 04 01:10:25 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: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015800.D

Acq: 03 Oct 2023 12:59

Instrument :

MSVOA_Y

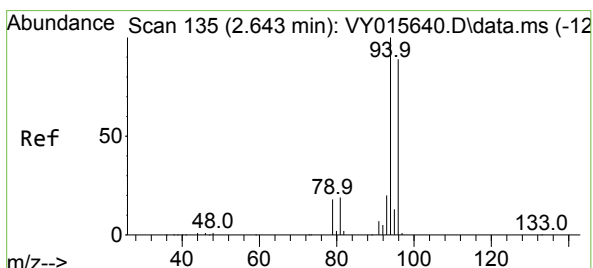
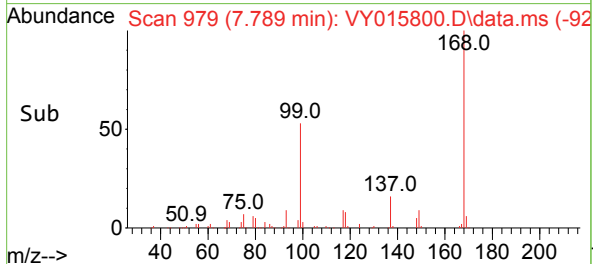
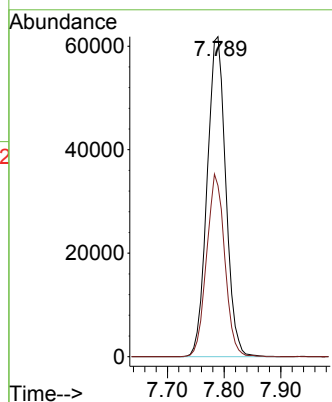
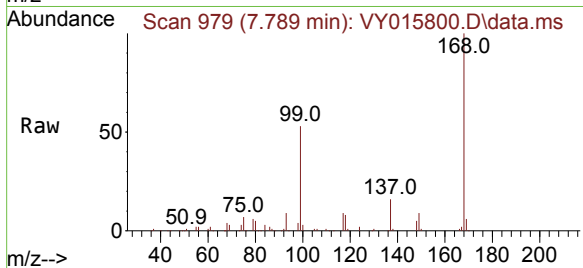
ClientSampleId :

Tgt Ion:168 Resp: 141015

Ion Ratio Lower Upper

168 100

99 53.5 43.4 65.0



#5

Bromomethane

Concen: 2.732 ug/l

RT: 2.668 min Scan# 139

Delta R.T. 0.031 min

Lab File: VY015800.D

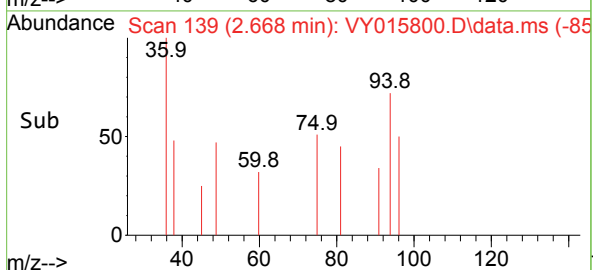
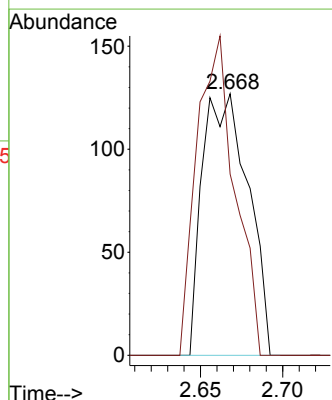
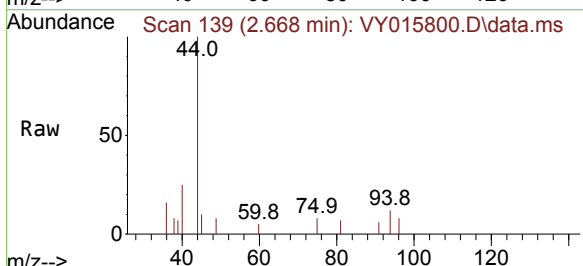
Acq: 03 Oct 2023 12:59

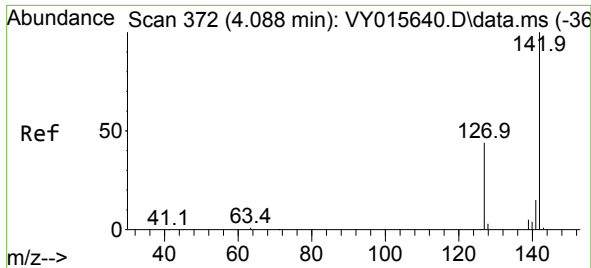
Tgt Ion: 94 Resp: 246

Ion Ratio Lower Upper

94 100

96 69.3 75.8 113.6#

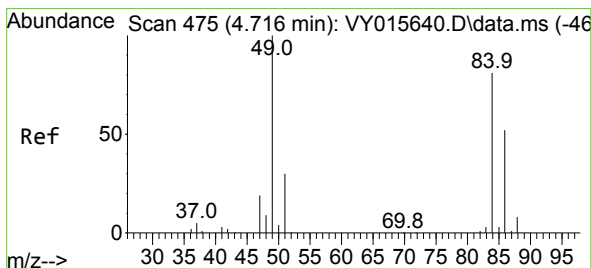
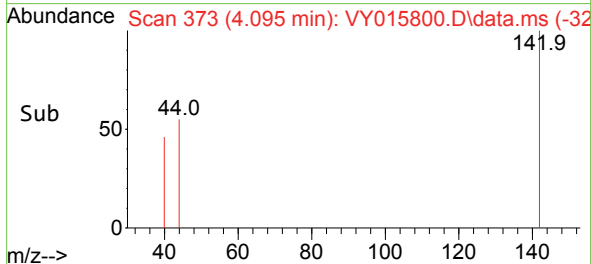
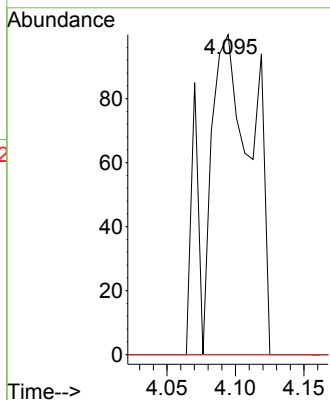
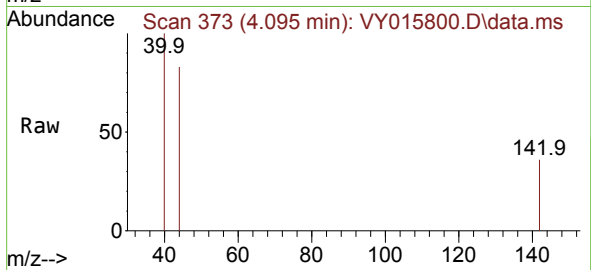




#10
Methyl Iodide
Concen: 2.862 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

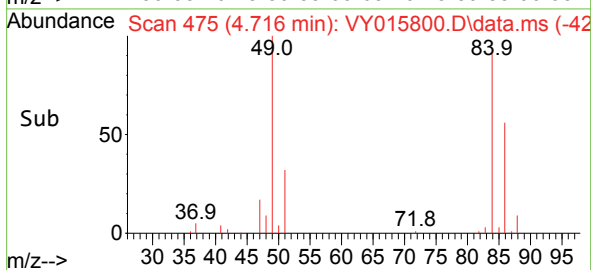
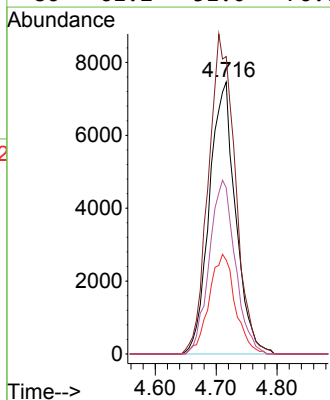
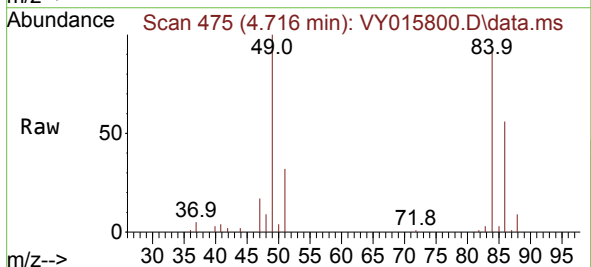
Instrument :
MSVOA_Y
ClientSampleId :

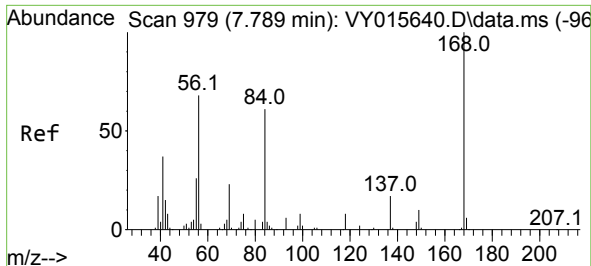
Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 8.247 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

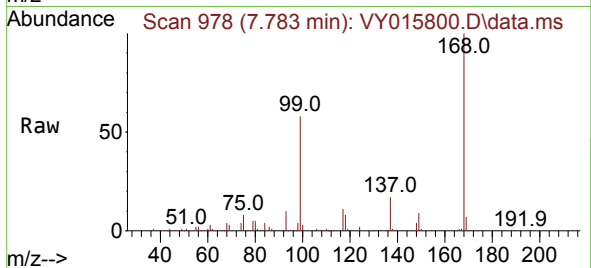
Tgt Ion: 84 Resp: 22346
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 34.6 33.2 49.8
86 61.2 51.0 76.6



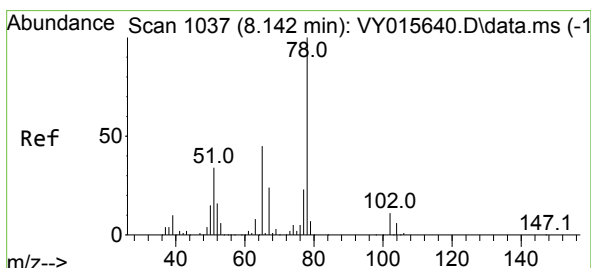
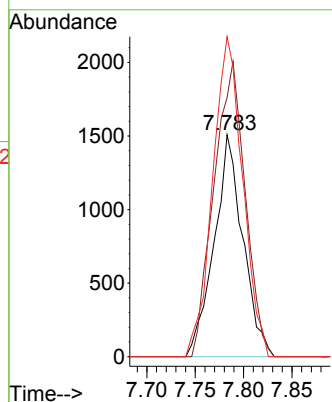
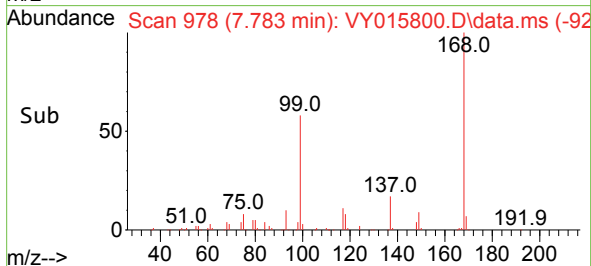


#31
Cyclohexane
Concen: 1.448 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

Instrument :
MSVOA_Y
ClientSampleId :

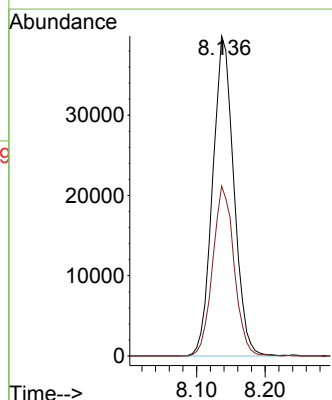
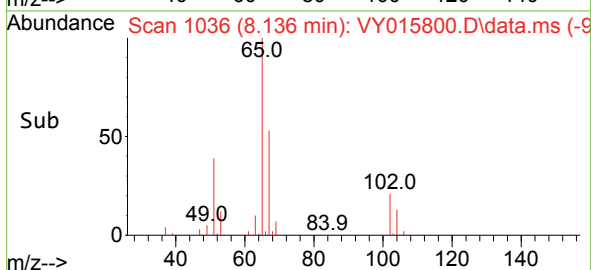
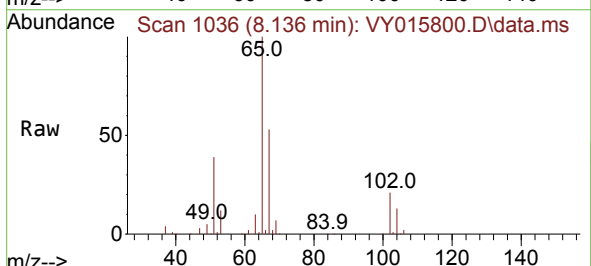


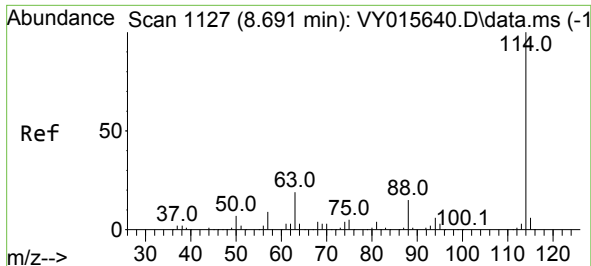
Tgt Ion: 56 Resp: 3112
Ion Ratio Lower Upper
56 100
69 116.8 27.8 41.6#
84 144.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.132 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

Tgt Ion: 65 Resp: 85540
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

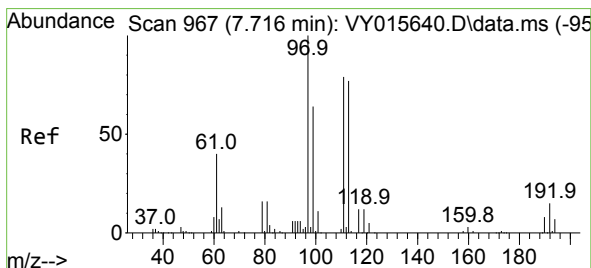
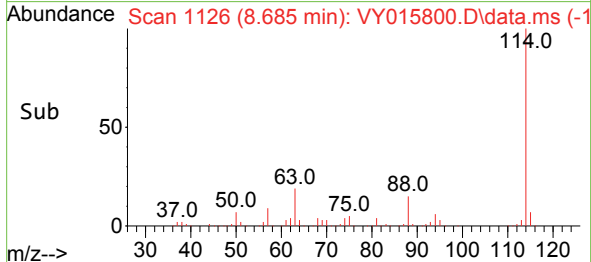
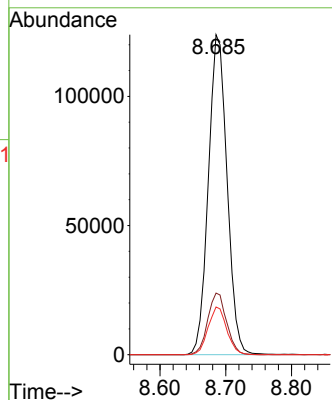
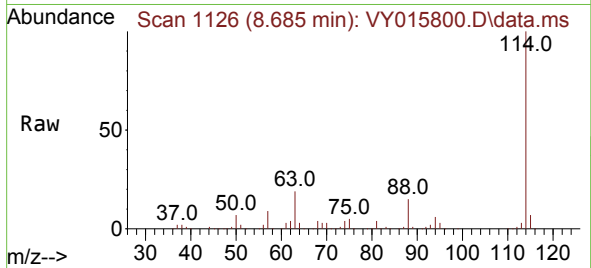




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

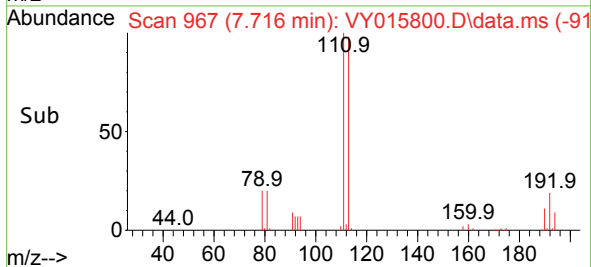
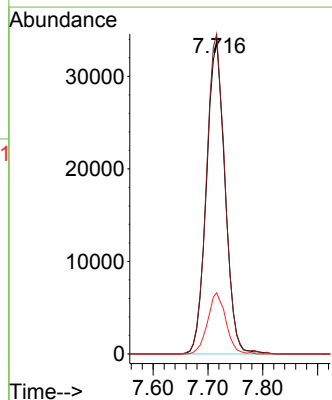
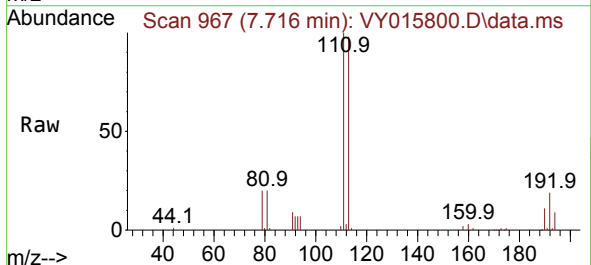
Instrument :
MSVOA_Y
ClientSampleId :

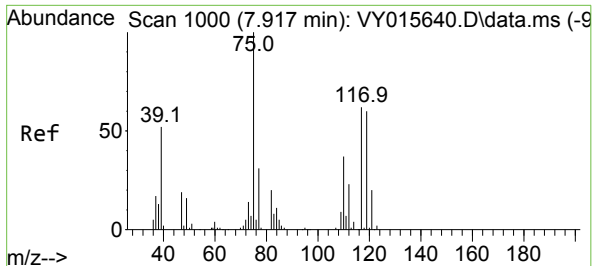
Tgt Ion:114 Resp: 245215
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.978 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

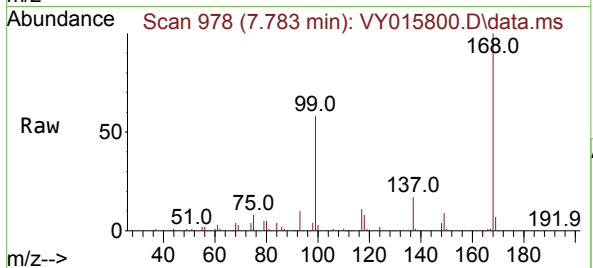
Tgt Ion:113 Resp: 79224
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.3 16.9 25.3



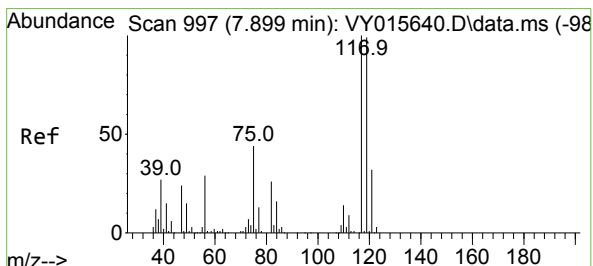
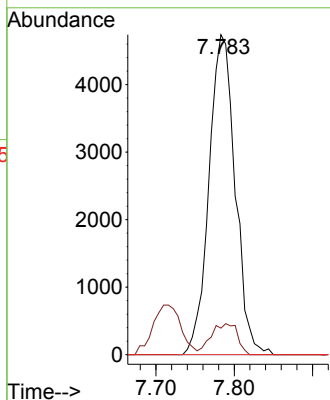
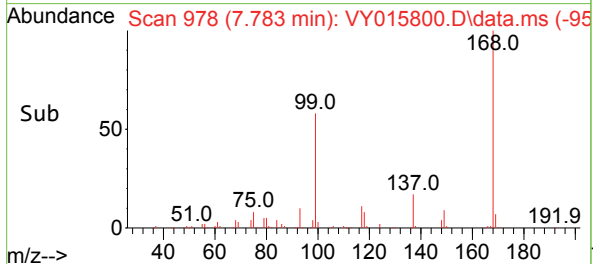


#36
 1,1-Dichloropropene
 Concen: 5.074 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY015800.D
 Acq: 03 Oct 2023 12:59

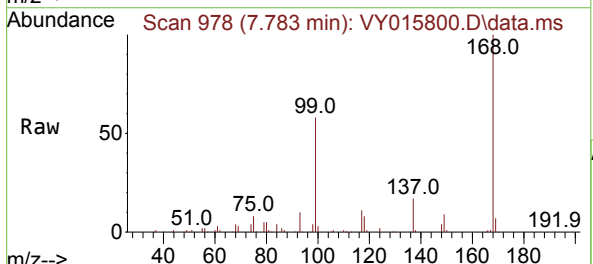
Instrument :
 MSVOA_Y
 ClientSampleId :



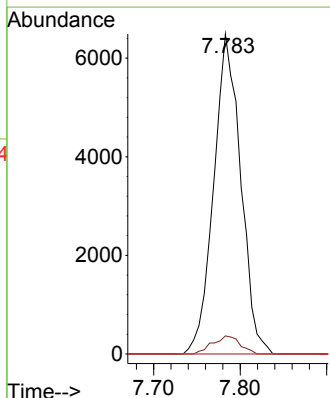
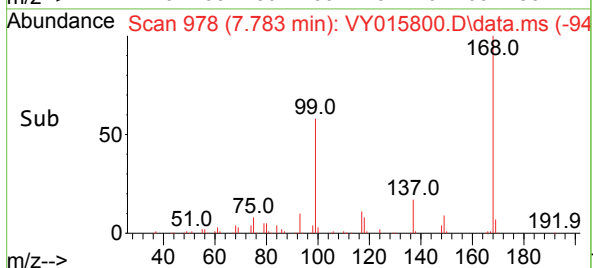
Tgt Ion: 75 Resp: 11011
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.8 53.5#
 77 0.0 24.4 36.6#

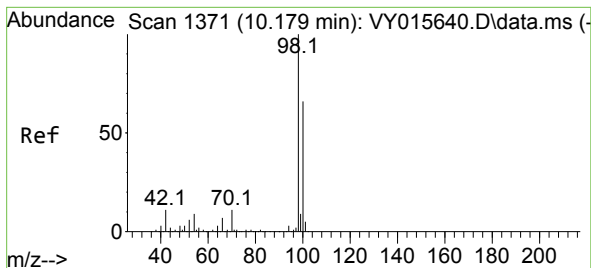


#38
 Carbon Tetrachloride
 Concen: 5.964 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY015800.D
 Acq: 03 Oct 2023 12:59



Tgt Ion: 117 Resp: 14048
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.4 114.6#
 121 0.0 25.8 38.6#

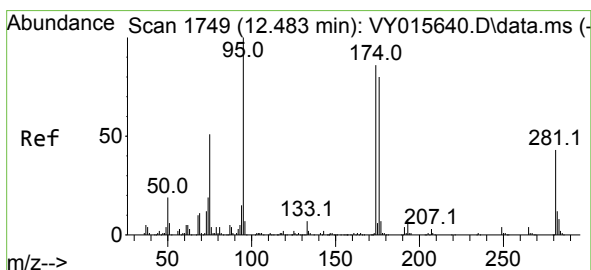
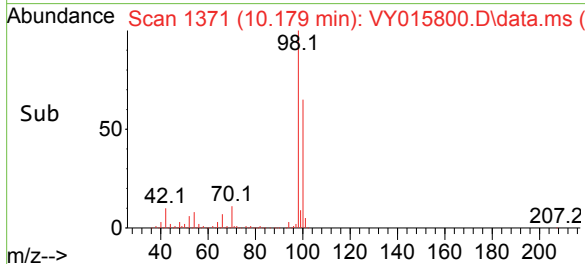
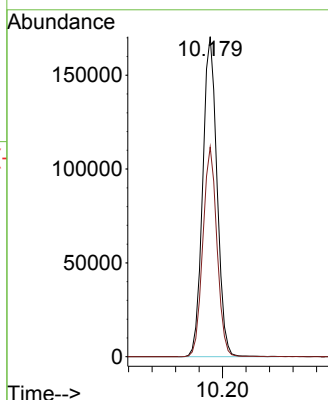
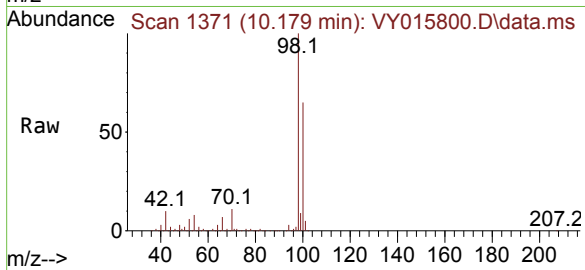




#50
Toluene-d8
Concen: 58.011 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

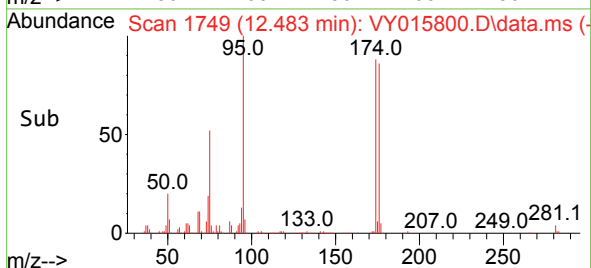
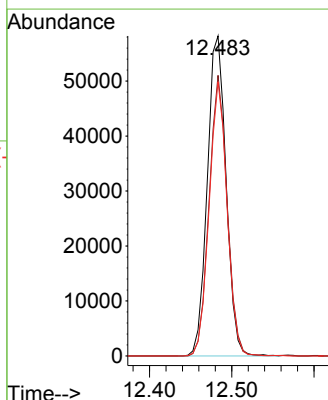
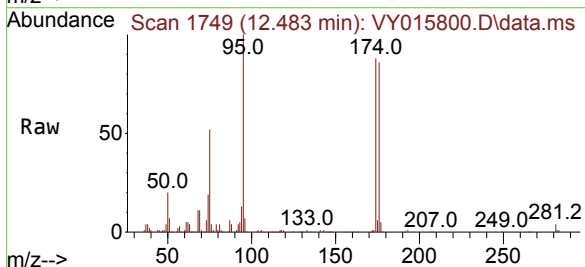
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MSVOA_Y
ClientSampleId :

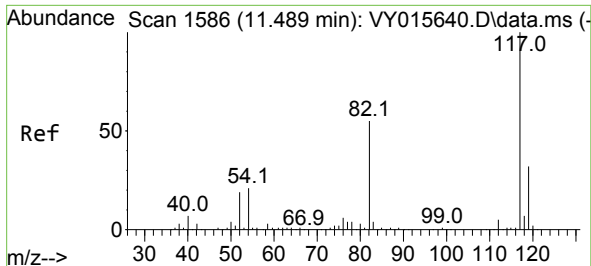
Tgt Ion: 98 Resp: 288685
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

Tgt Ion: 95 Resp: 92327
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.7 0.0 173.8

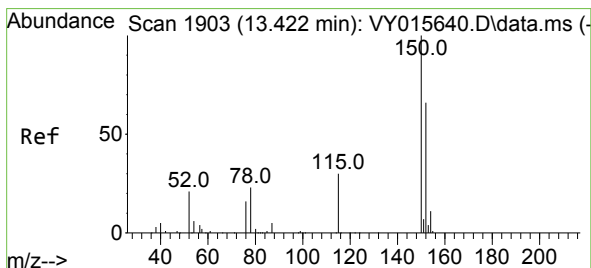
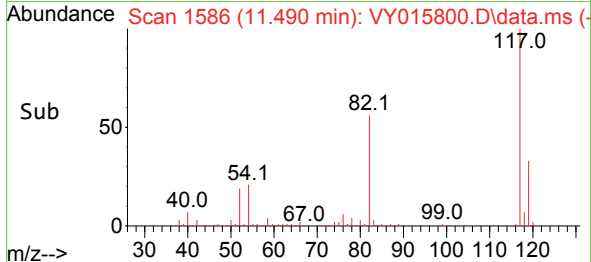
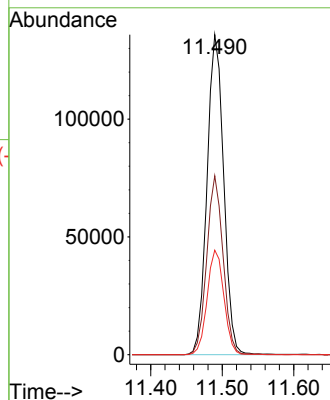
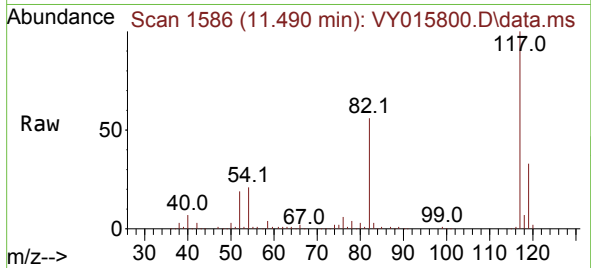




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

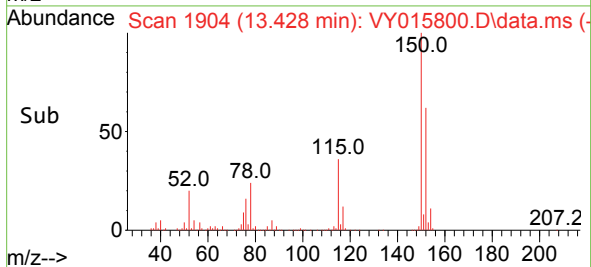
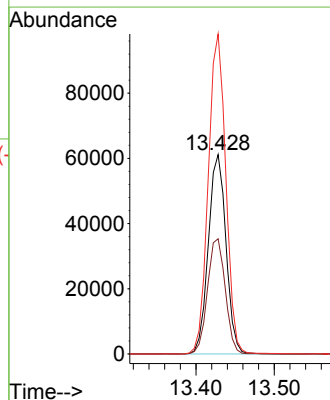
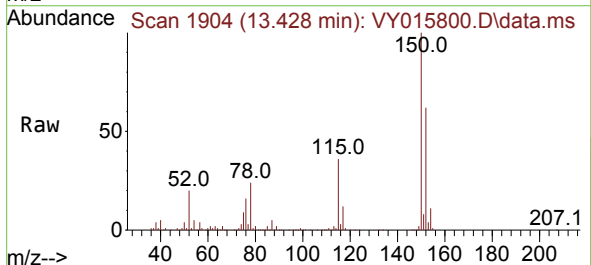
Instrument :
MSVOA_Y
ClientSampleId :

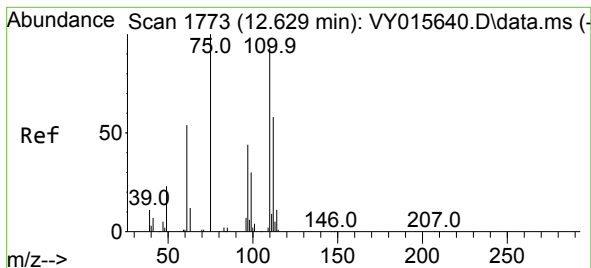
Tgt Ion:117 Resp: 219551
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015800.D
Acq: 03 Oct 2023 12:59

Tgt Ion:152 Resp: 95662
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 159.4 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 31.970 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015800.D

Acq: 03 Oct 2023 12:59

Instrument :

MSVOA_Y

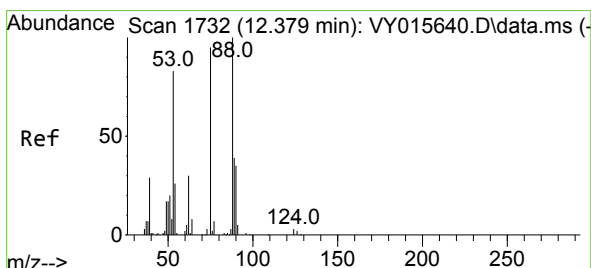
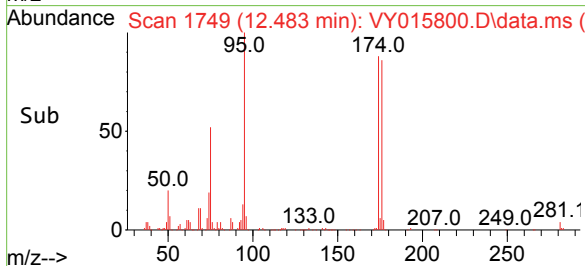
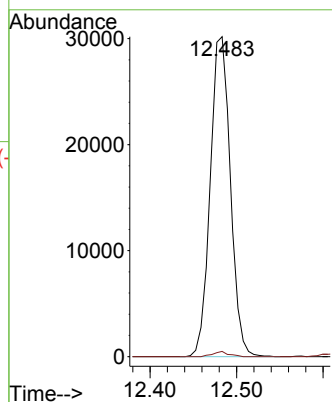
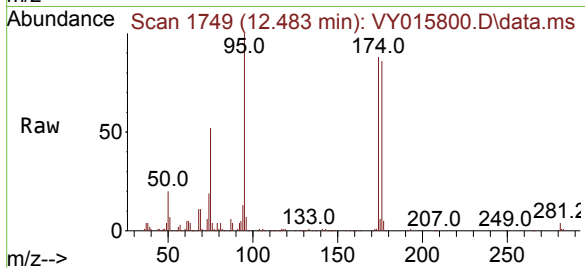
ClientSampleId :

Tgt Ion: 75 Resp: 48791

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.994 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY015800.D

Acq: 03 Oct 2023 12:59

Tgt Ion: 75 Resp: 48791

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

