

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015702.D
 Acq On : 25 Sep 2023 16:24
 Operator : SY/MD
 Sample : 04601-04
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:24:10 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)

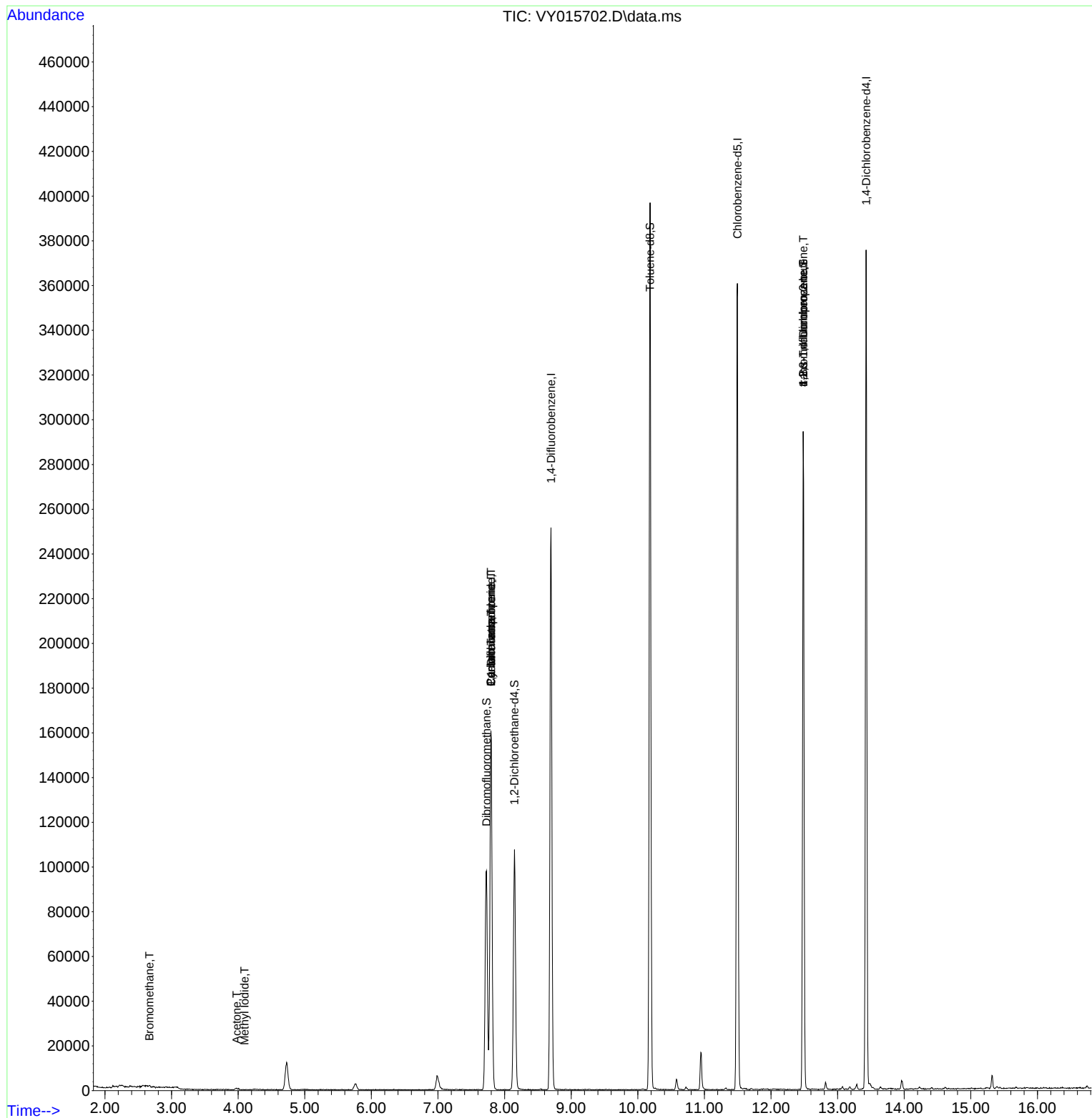
Internal Standards						
1) Pentafluorobenzene	7.795	168	126144	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	217306	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	200753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82616	59.524	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.040%	
35) Dibromofluoromethane	7.728	113	70498	54.202	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.185	98	254989	57.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.640%	
62) 4-Bromofluorobenzene	12.483	95	86721	50.109	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	184	2.703	ug/l #	71
10) Methyl Iodide	4.094	142	45	2.757	ug/l #	38
11) Tert butyl alcohol	4.978	59	564	Below Cal	#	89
16) Acetone	3.979	43	1320	1.777	ug/l #	77
31) Cyclohexane	7.795	56	2666	1.387	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9871	5.133	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12680	6.074	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45544	30.468	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45544	68.612	ug/l #	11

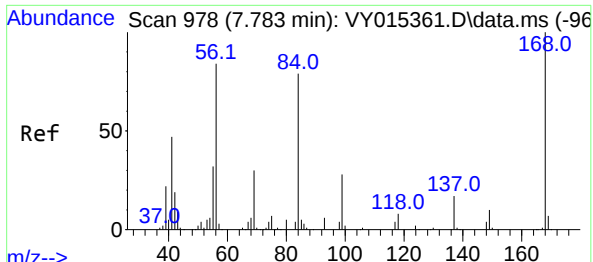
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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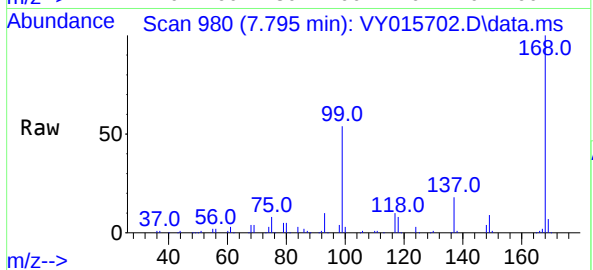
Quant Time: Sep 26 04:24:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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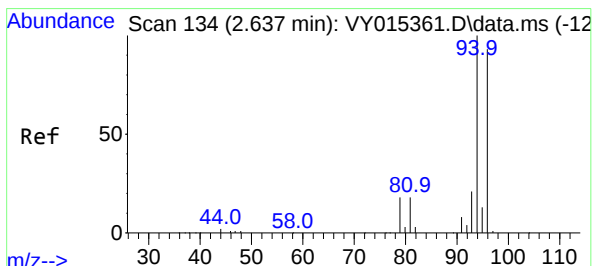
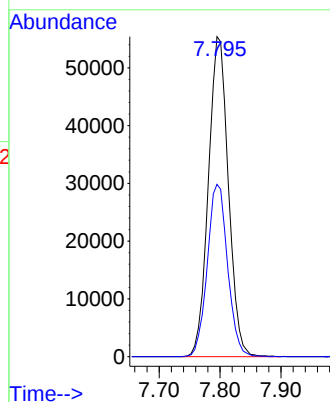
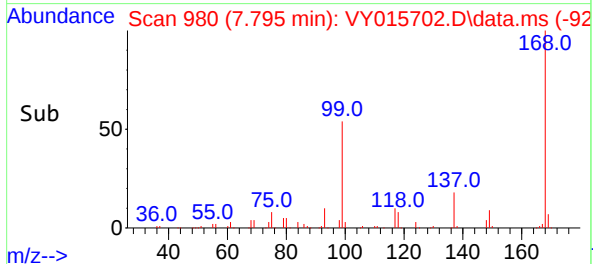


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Instrument :
MSVOA_Y
ClientSampleId :

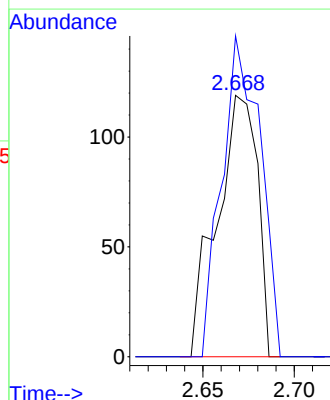
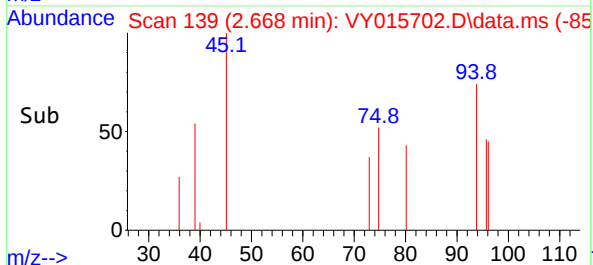
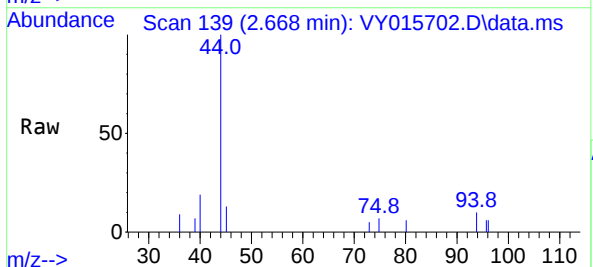


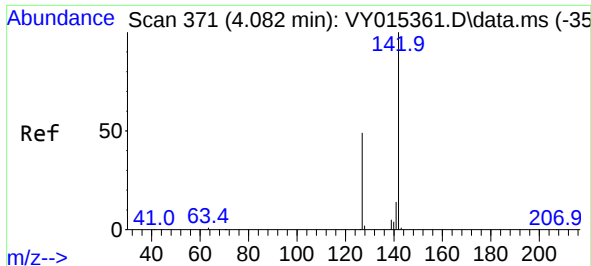
Tgt Ion:168 Resp: 126144
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#5
Bromomethane
Concen: 2.703 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 122.7 75.8 113.6#

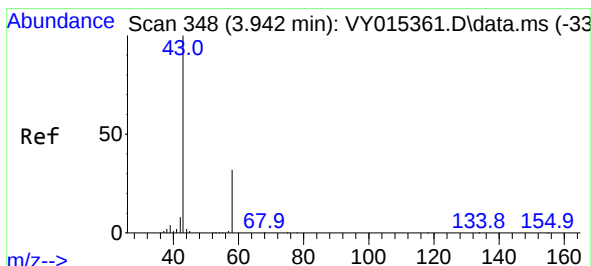
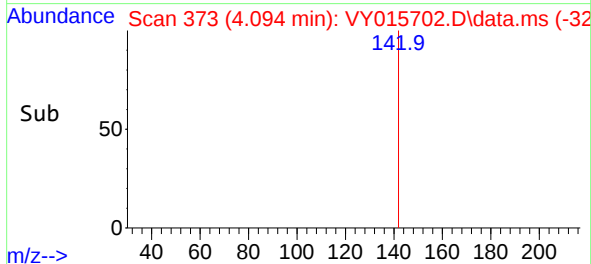
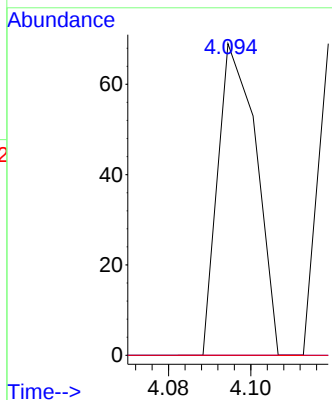
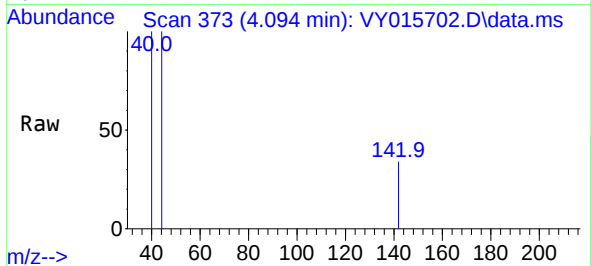




#10
Methyl Iodide
Concen: 2.757 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

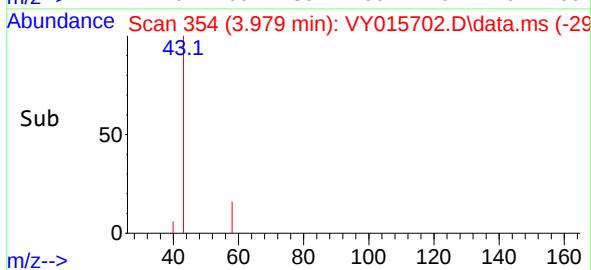
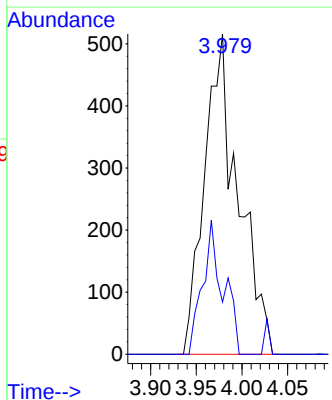
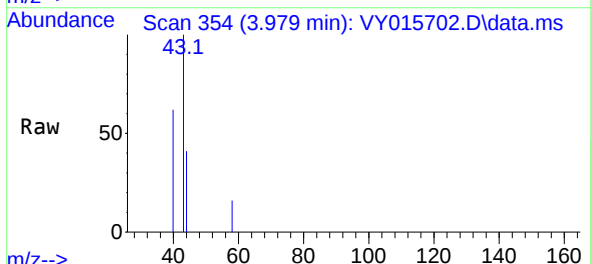
Instrument :
MSVOA_Y
ClientSampleId :

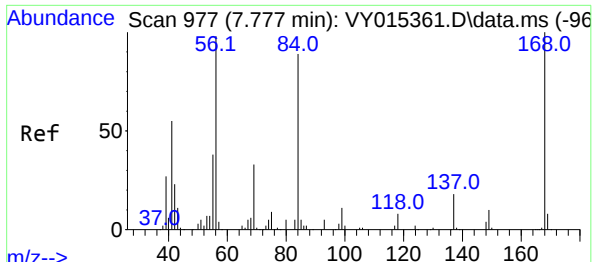
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.777 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

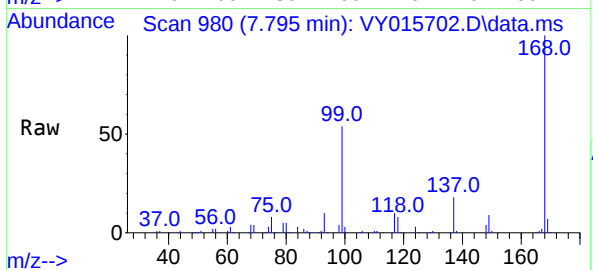
Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 16.3 22.7 34.1#



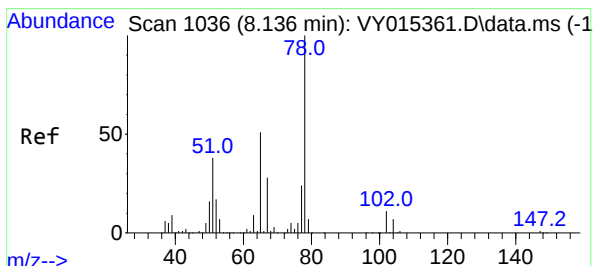
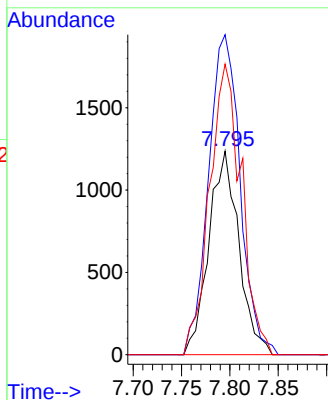
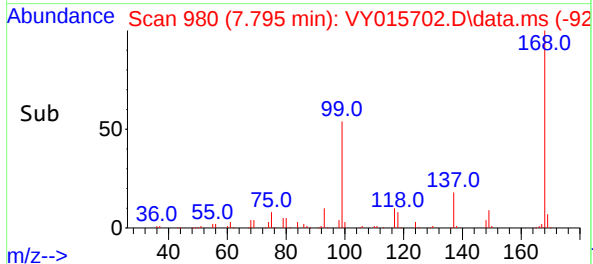


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Instrument :
MSVOA_Y
ClientSampleId :

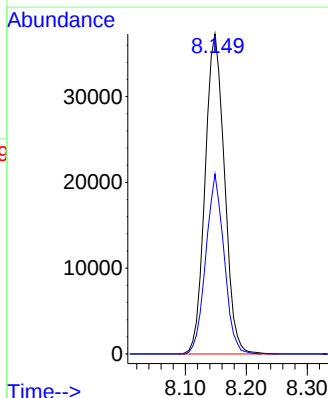
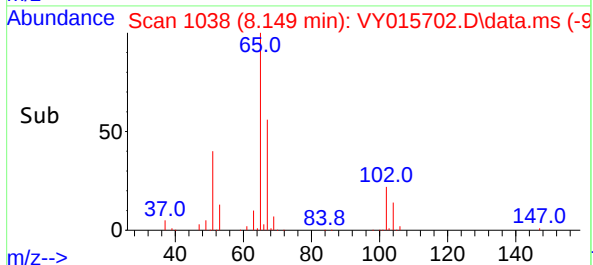
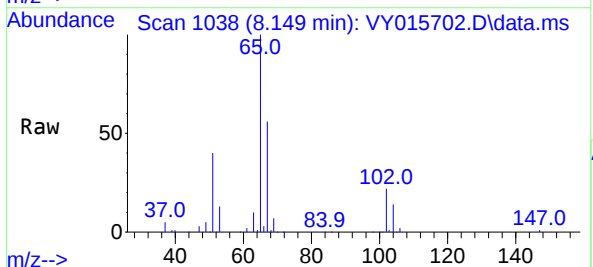


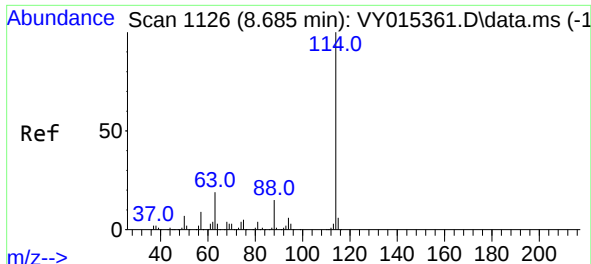
Tgt Ion: 56 Resp: 2666
Ion Ratio Lower Upper
56 100
69 157.2 27.8 41.6#
84 142.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.524 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Tgt Ion: 65 Resp: 82616
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

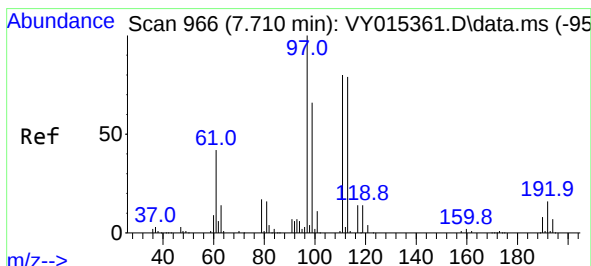
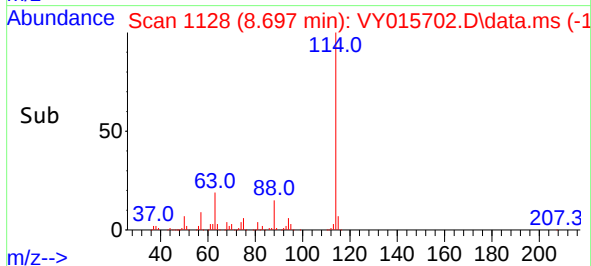
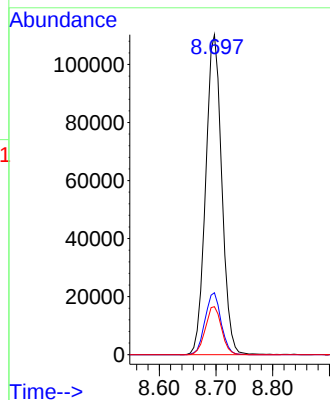
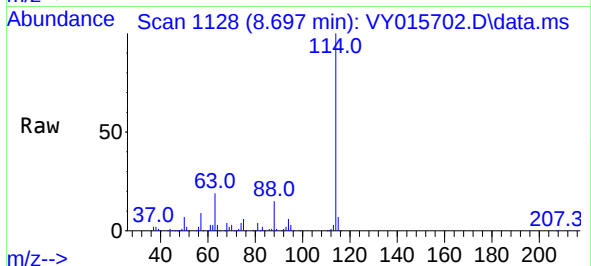




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

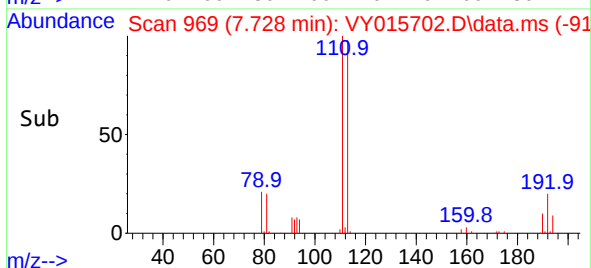
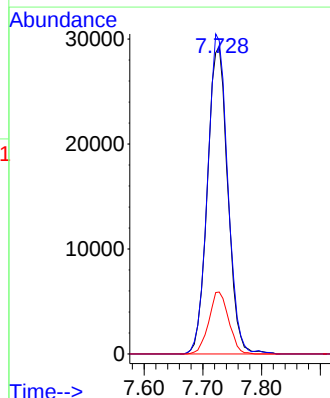
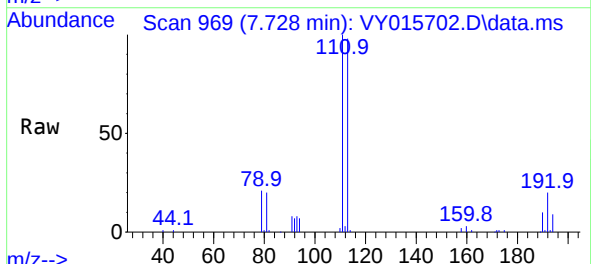
Instrument :
MSVOA_Y
ClientSampleId :

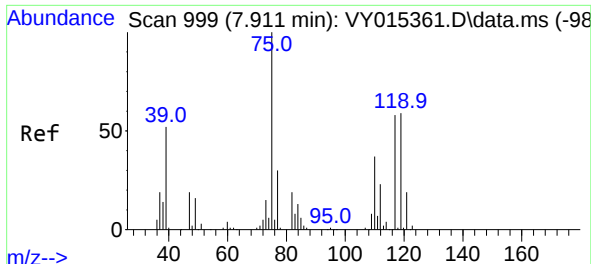
Tgt Ion:114 Resp: 217306
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.202 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

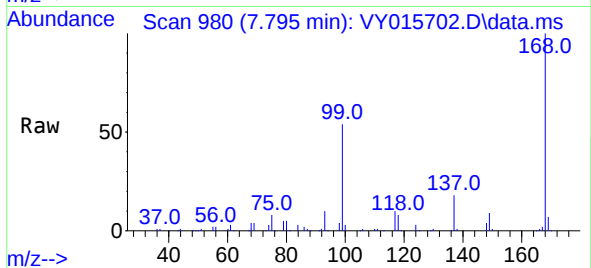
Tgt Ion:113 Resp: 70498
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.7 16.9 25.3



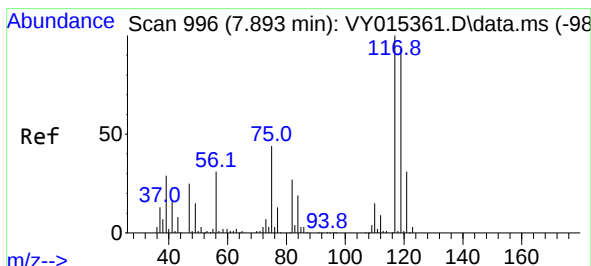
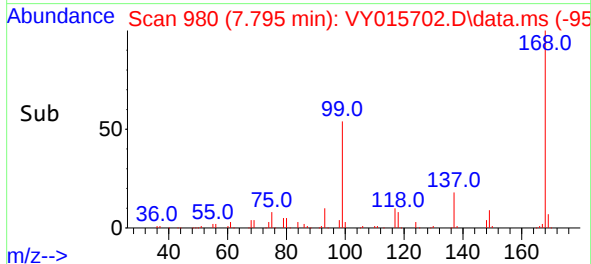
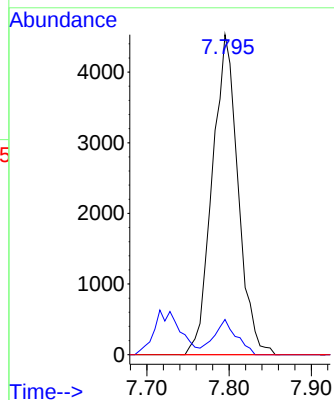


#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Instrument :
MSVOA_Y
ClientSampleId :

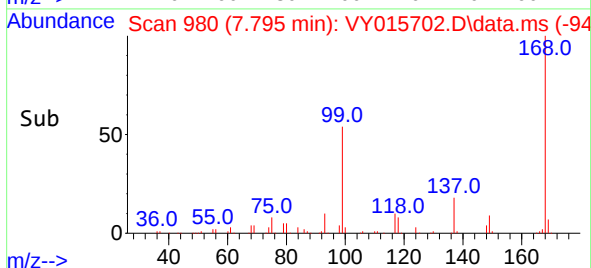
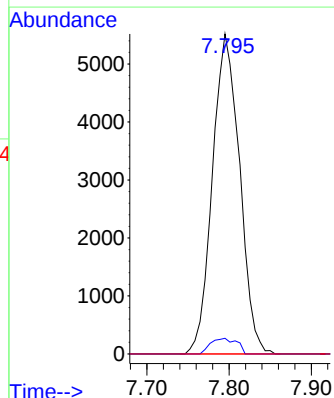
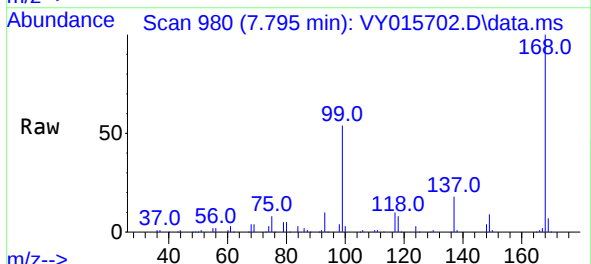


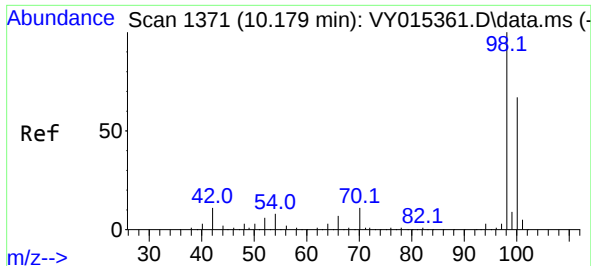
Tgt Ion: 75 Resp: 9871
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.074 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Tgt Ion: 117 Resp: 12680
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#

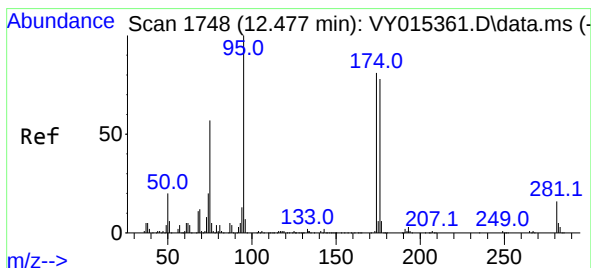
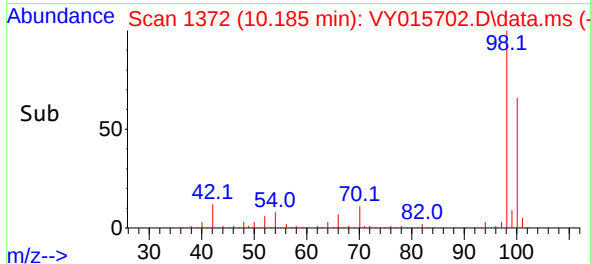
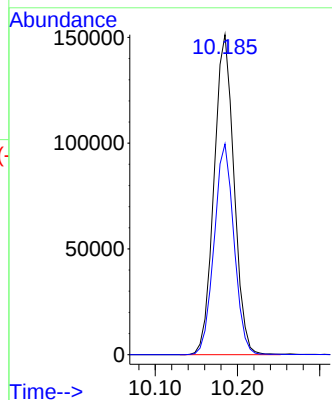
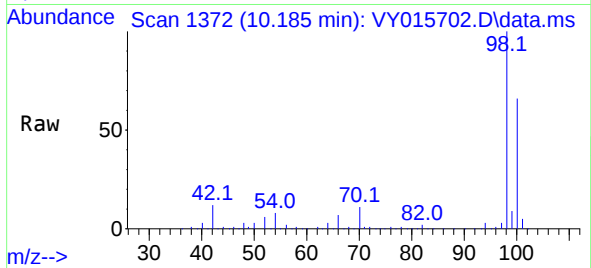




#50
Toluene-d8
Concen: 57.820 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

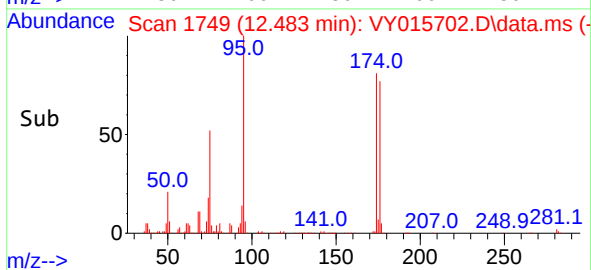
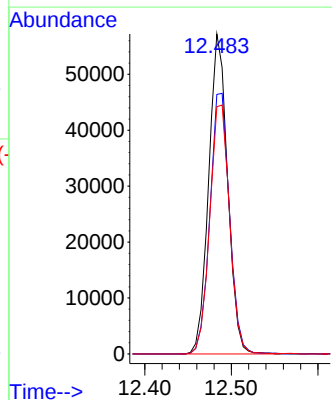
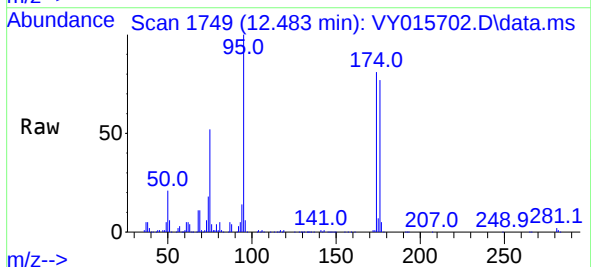
Instrument :
MSVOA_Y
ClientSampleId :

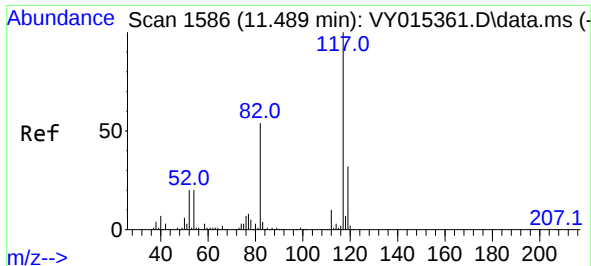
Tgt Ion: 98 Resp: 254989
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Tgt Ion: 95 Resp: 86721
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.6 0.0 173.8

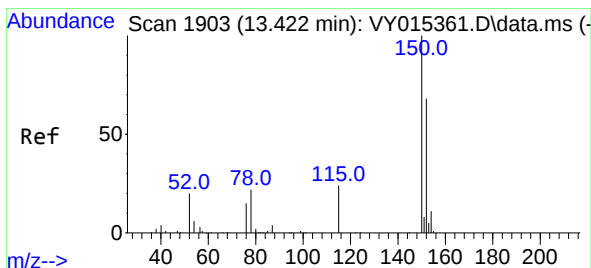
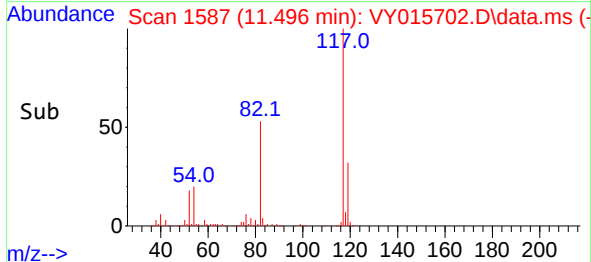
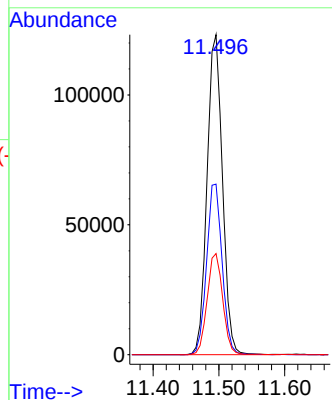
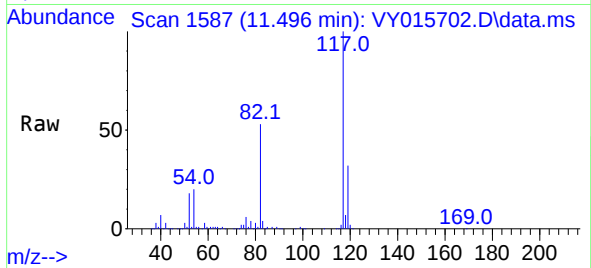




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

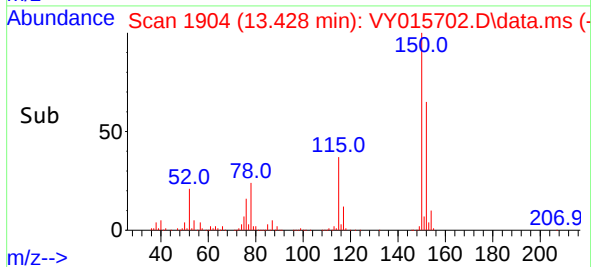
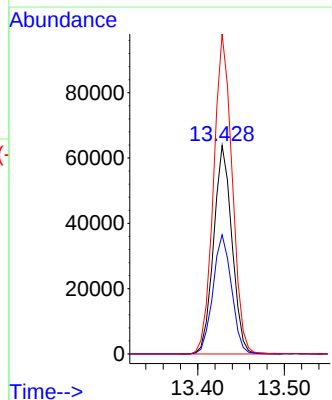
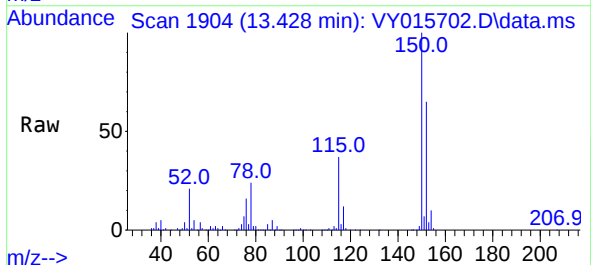
Instrument :
MSVOA_Y
ClientSampleId :

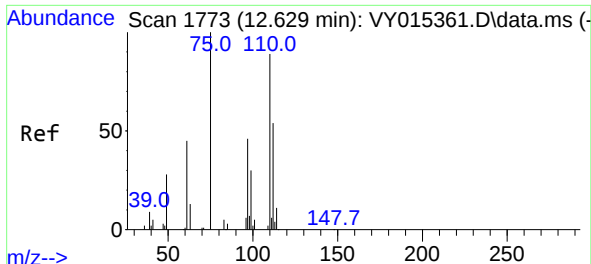
Tgt Ion:117 Resp: 200753
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Tgt Ion:152 Resp: 93698
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 156.3 0.0 348.8

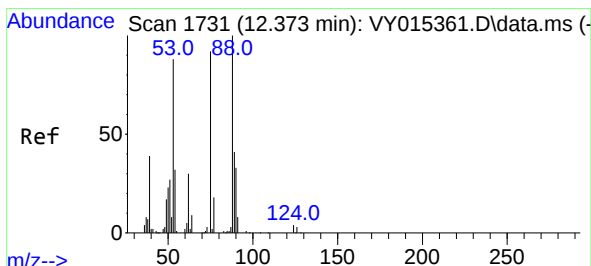
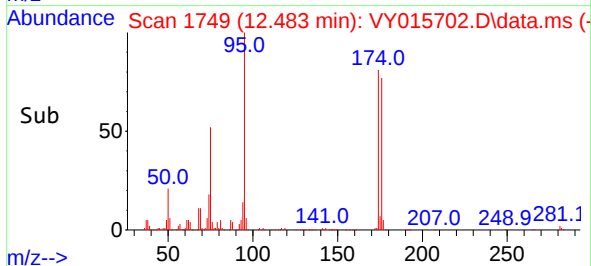
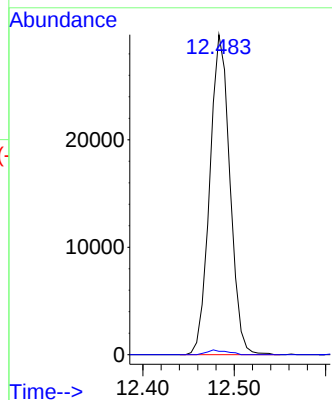
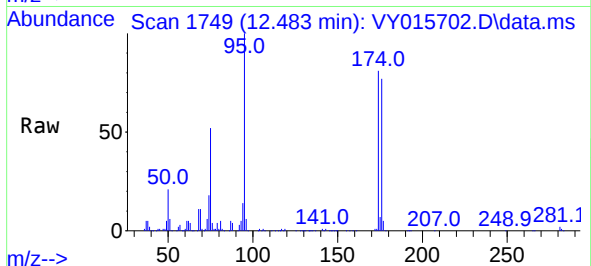




#76
1,2,3-Trichloropropane
Concen: 30.468 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45544
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.612 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015702.D
Acq: 25 Sep 2023 16:24

Tgt Ion: 75 Resp: 45544
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

