

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016322.D
 Acq On : 13 Nov 2023 13:07
 Operator : SY/MD
 Sample : 05376-05
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

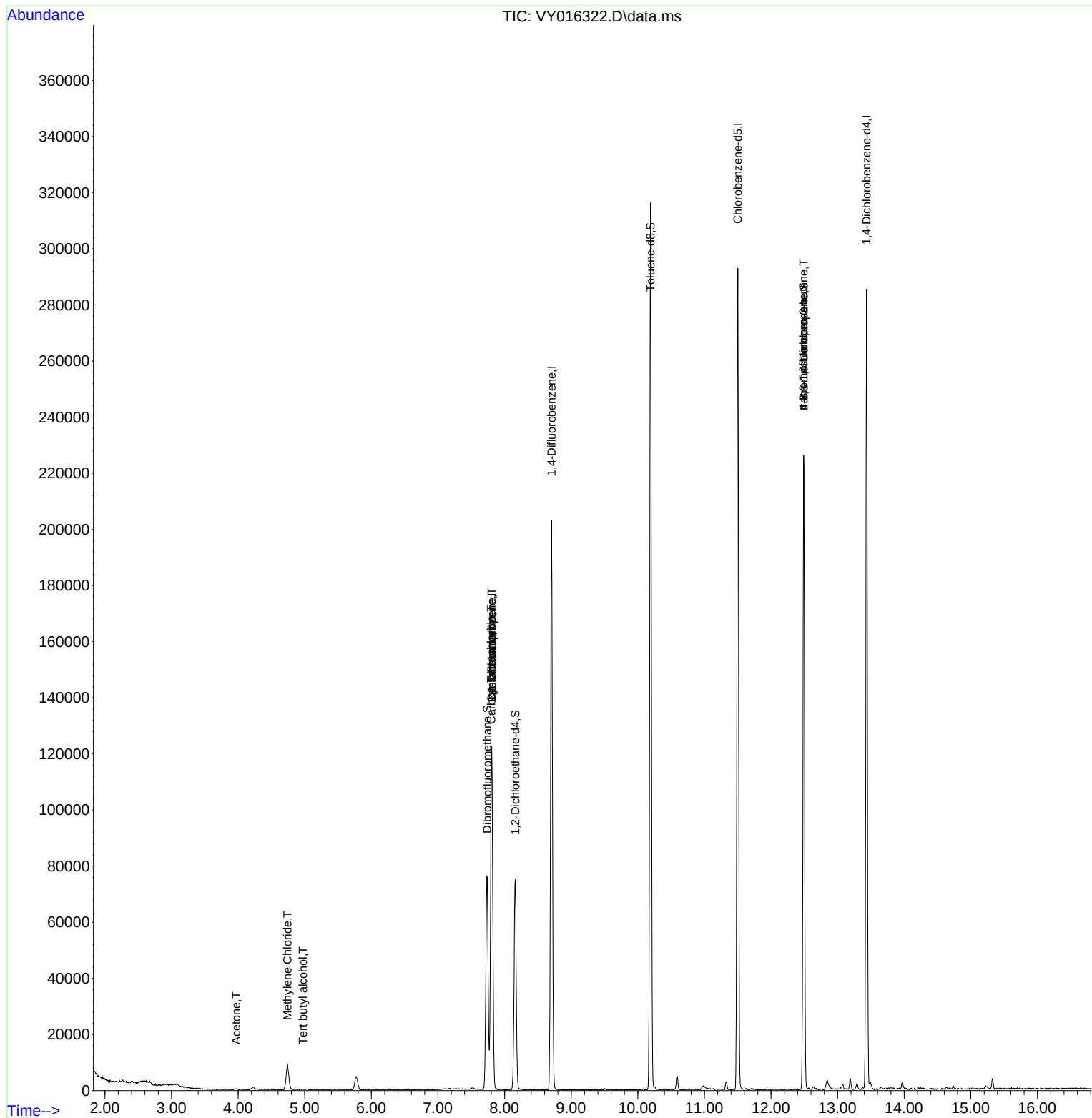
Internal Standards						
1) Pentafluorobenzene	7.807	168	97468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59217	66.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.740	113	55626	56.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.780%	
50) Toluene-d8	10.191	98	204770	51.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.489	95	69590	53.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	153	2.193	ug/l #	89
16) Acetone	3.973	43	665	4.513	ug/l	91
20) Methylene Chloride	4.741	84	6760	3.239	ug/l #	84
31) Cyclohexane	7.807	56	1896	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7462	4.356	ug/l #	51
38) Carbon Tetrachloride	7.801	117	9865	5.549	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	35967	50.143	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35967	108.839	ug/l #	11

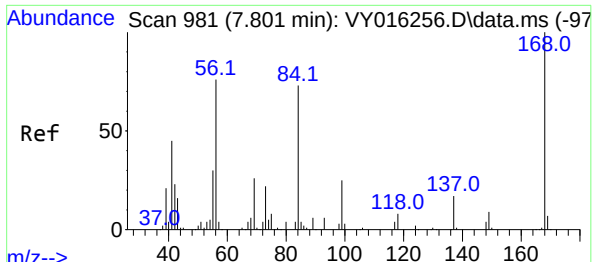
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 14 04:37:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

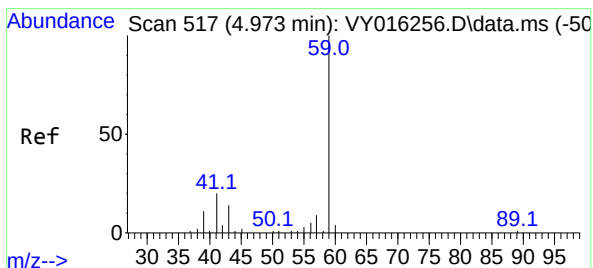
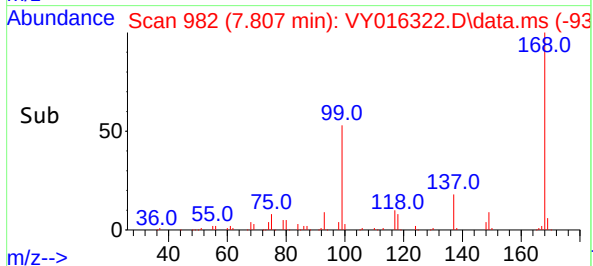
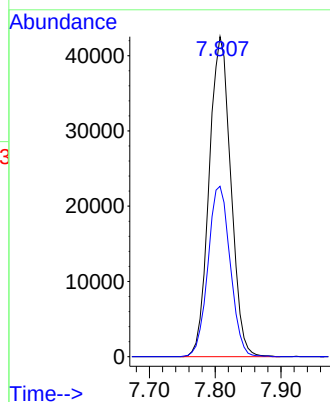
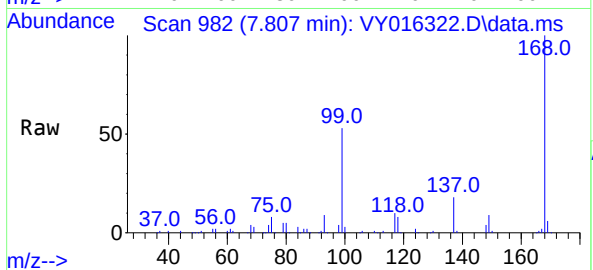




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

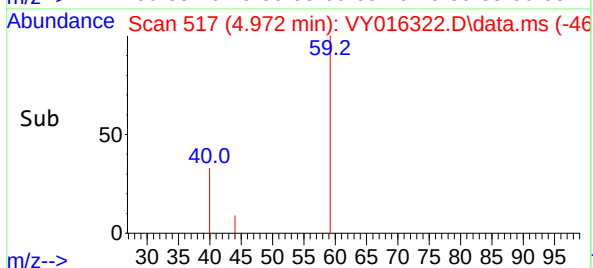
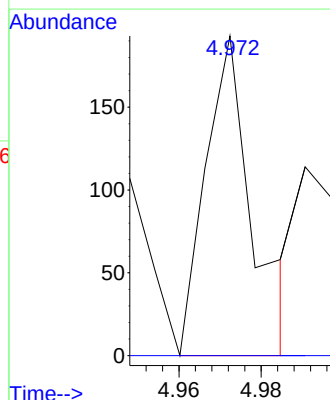
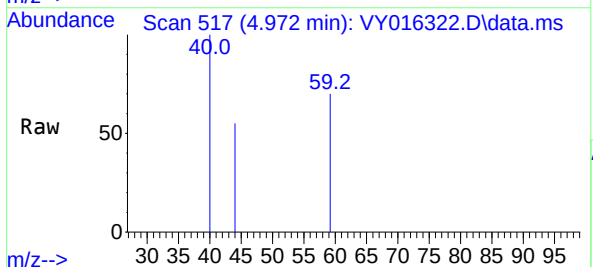
Instrument :
MSVOA_Y
ClientSampleId :

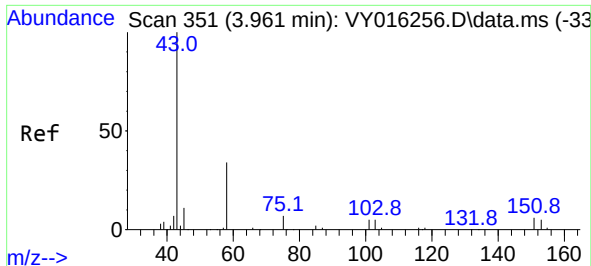
Tgt Ion:168 Resp: 97468
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.193 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

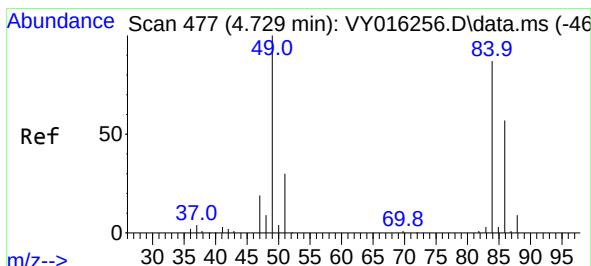
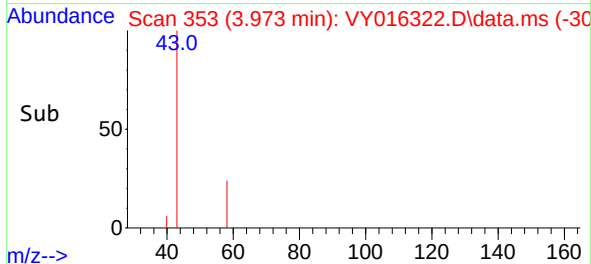
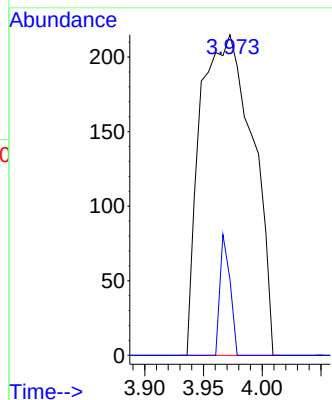
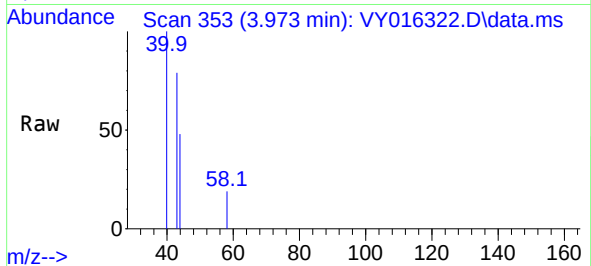




#16
Acetone
Concen: 4.513 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

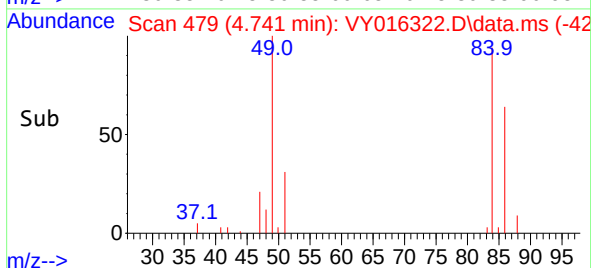
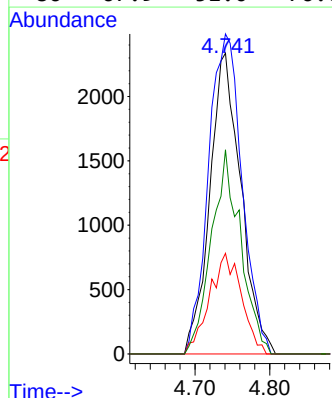
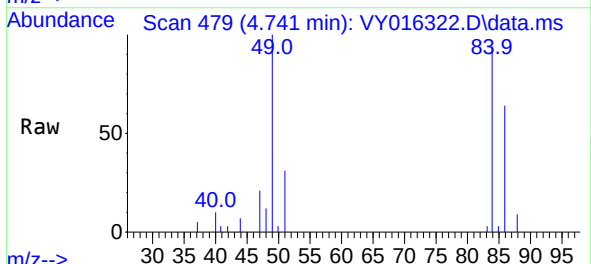
Instrument :
MSVOA_Y
ClientSampleId :

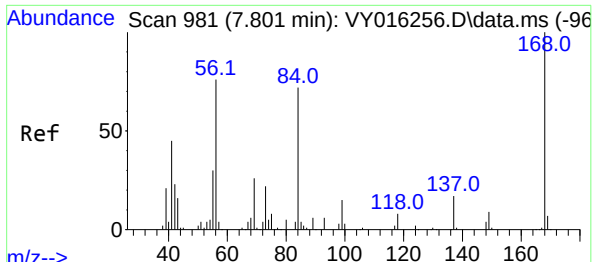
Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1



#20
Methylene Chloride
Concen: 3.239 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

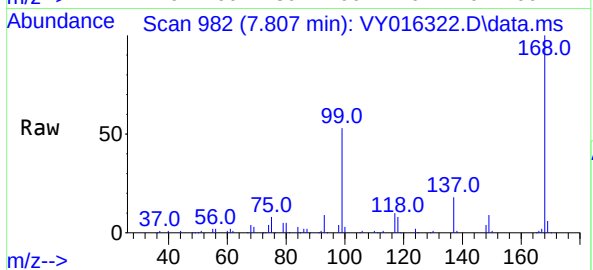
Tgt Ion: 84 Resp: 6760
Ion Ratio Lower Upper
84 100
49 106.4 106.9 160.3#
51 33.4 33.2 49.8
86 67.9 51.0 76.6



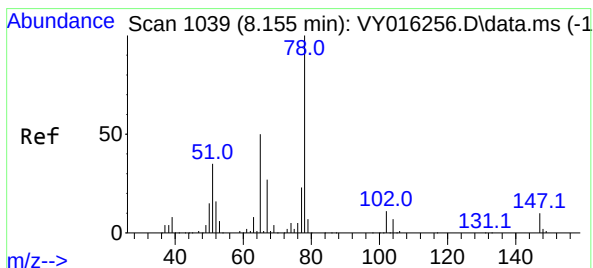
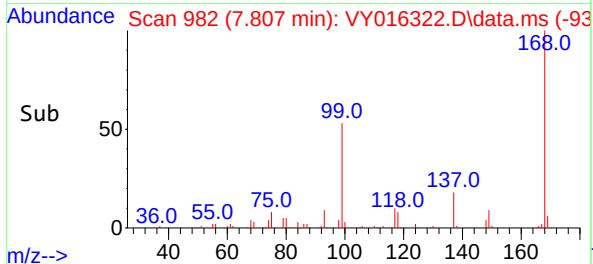
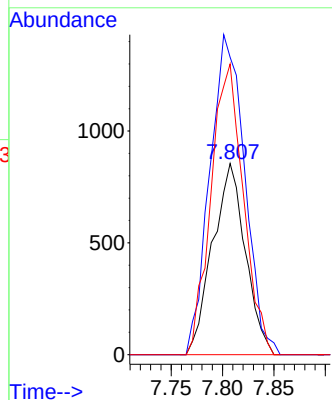


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

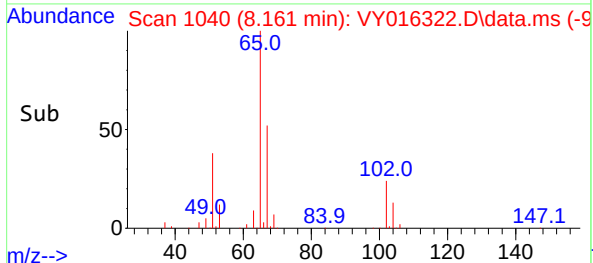
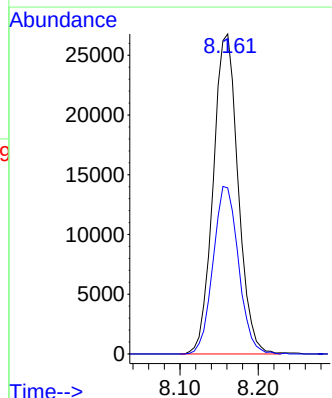
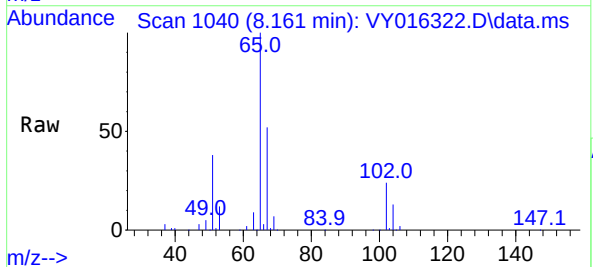


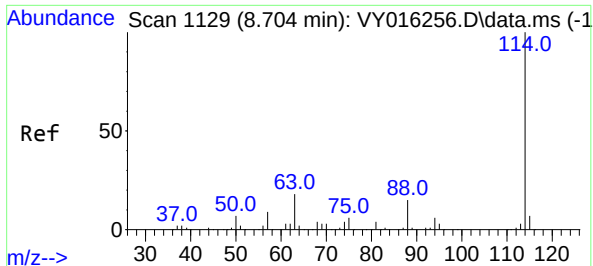
Tgt Ion: 56 Resp: 1896
Ion Ratio Lower Upper
56 100
69 155.6 27.8 41.6#
84 165.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.475 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion: 65 Resp: 59217
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016322.D

Acq: 13 Nov 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

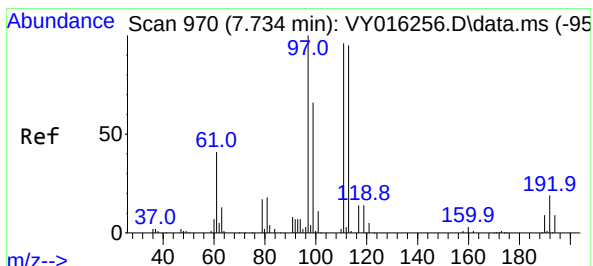
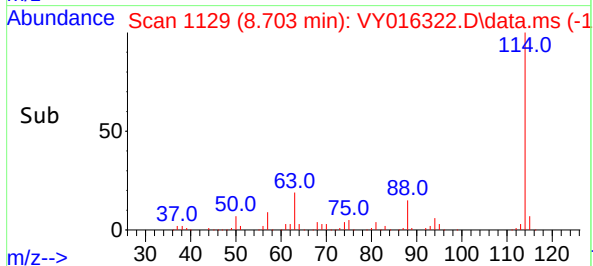
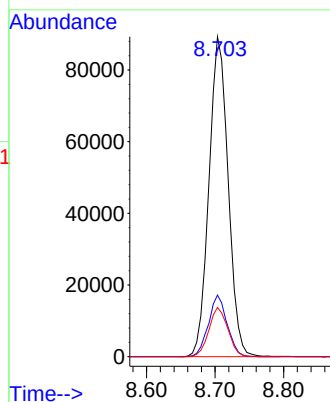
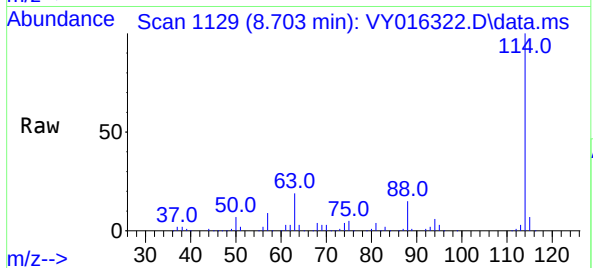
Tgt Ion:114 Resp: 173648

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.391 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016322.D

Acq: 13 Nov 2023 13:07

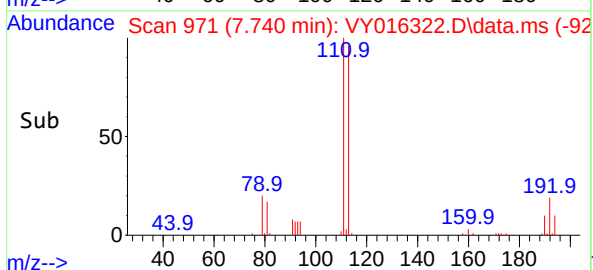
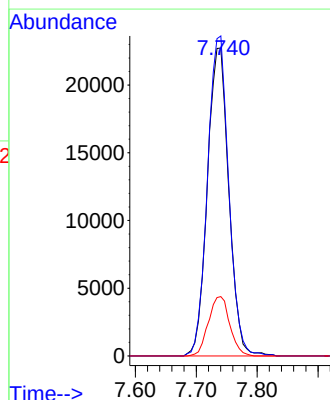
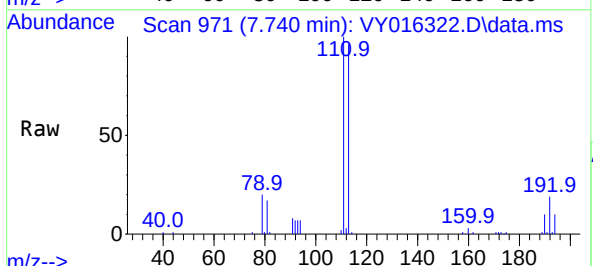
Tgt Ion:113 Resp: 55626

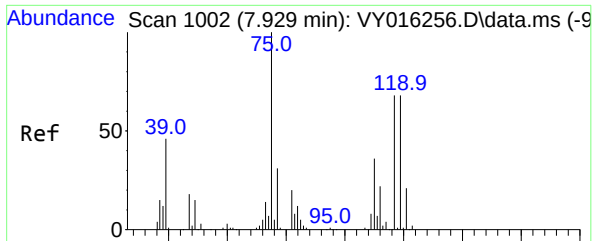
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

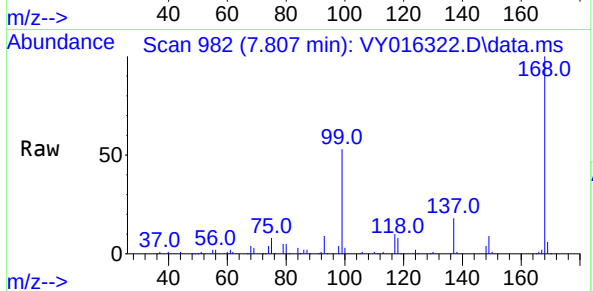
192 19.2 16.9 25.3



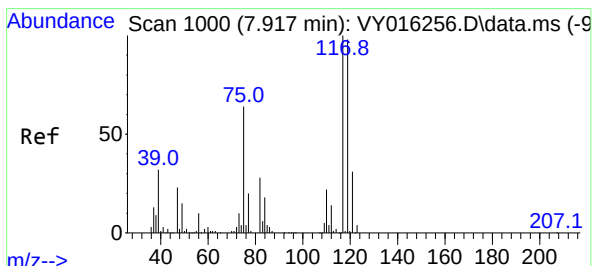
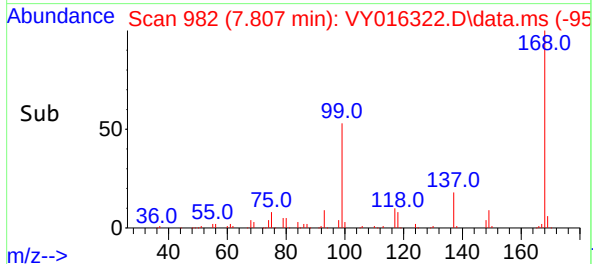
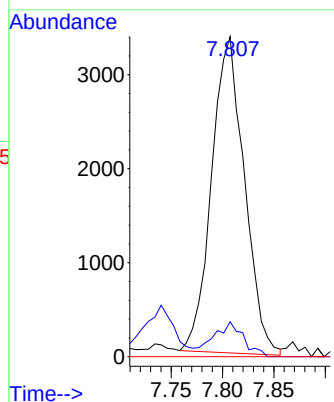


#36
1,1-Dichloropropene
Concen: 4.356 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

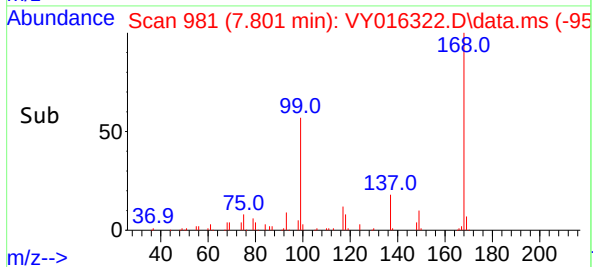
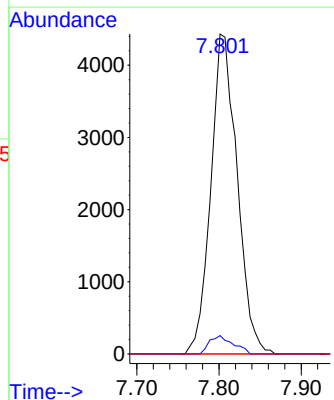
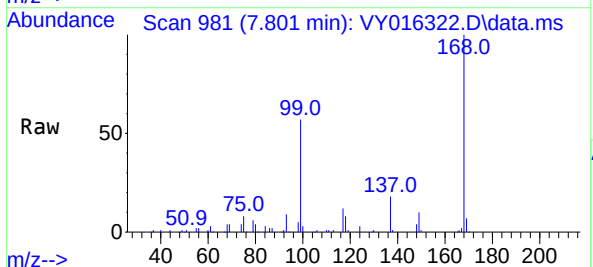


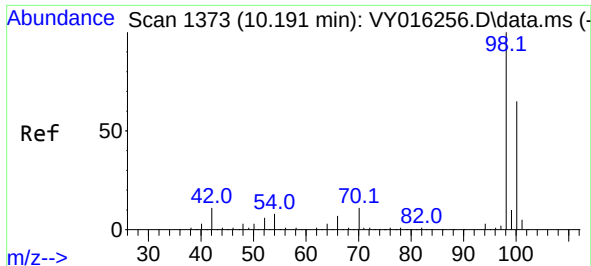
Tgt Ion: 75 Resp: 7462
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion: 117 Resp: 9865
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#

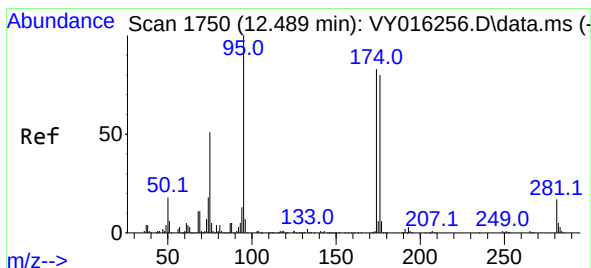
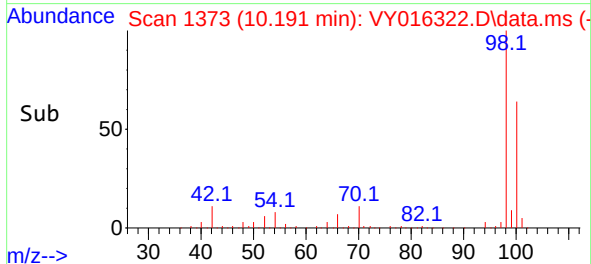
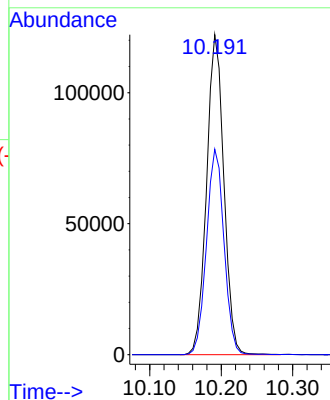
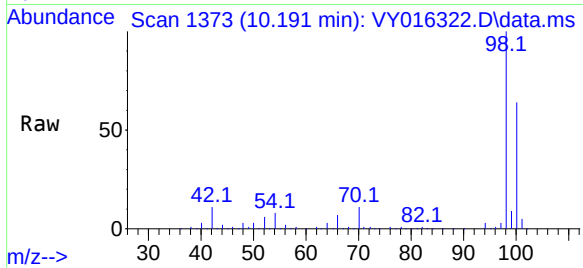




#50
Toluene-d8
Concen: 51.190 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

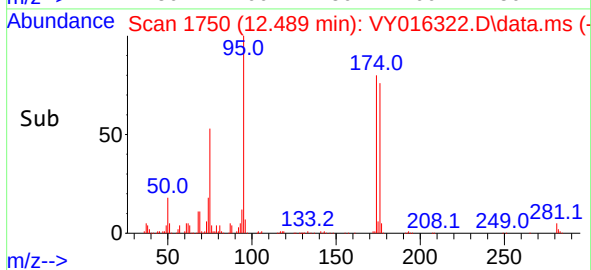
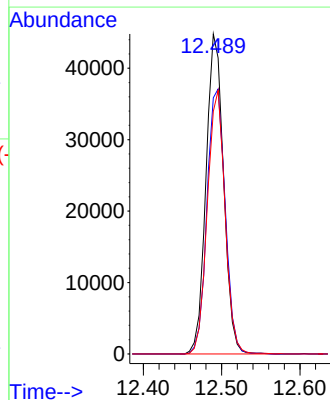
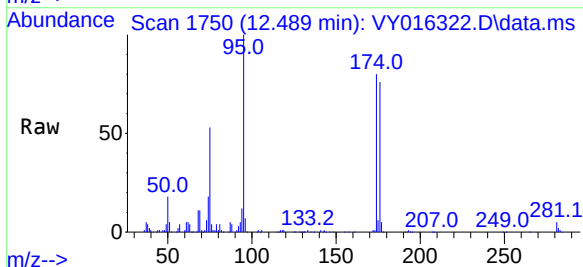
Instrument :
MSVOA_Y
ClientSampleId :

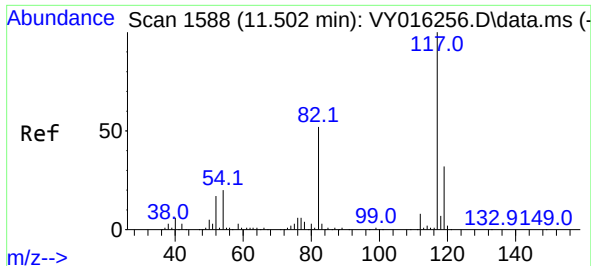
Tgt Ion: 98 Resp: 204770
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.564 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

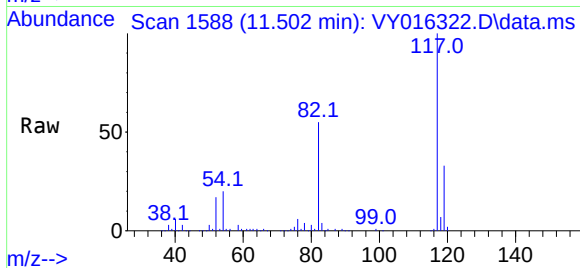
Tgt Ion: 95 Resp: 69590
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.9 0.0 173.8



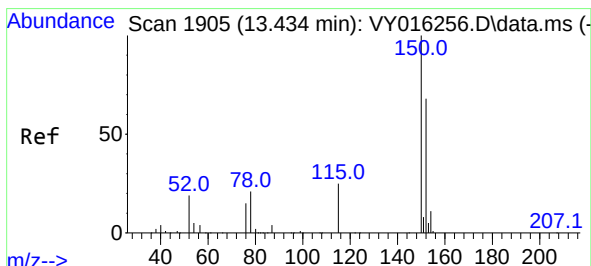
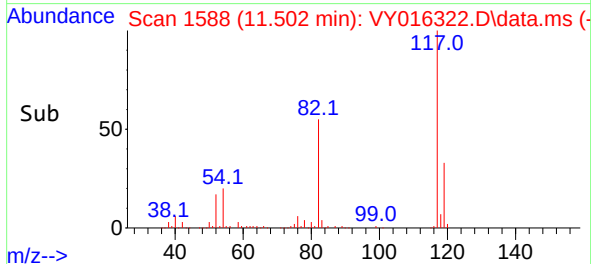
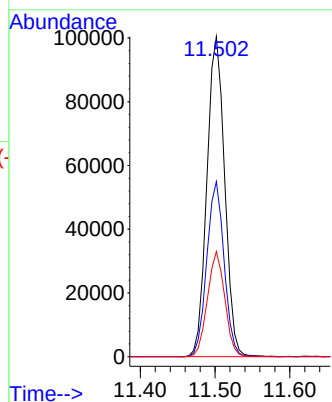


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

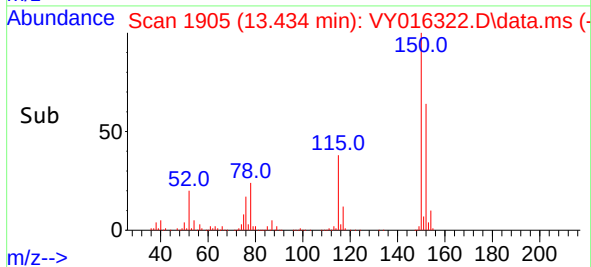
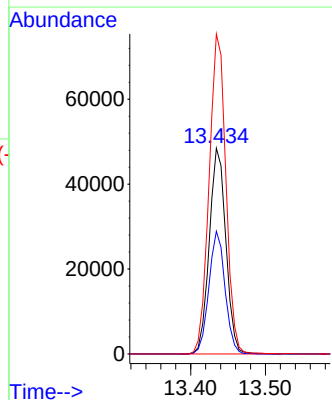
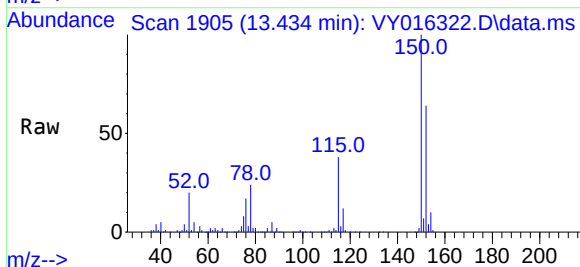


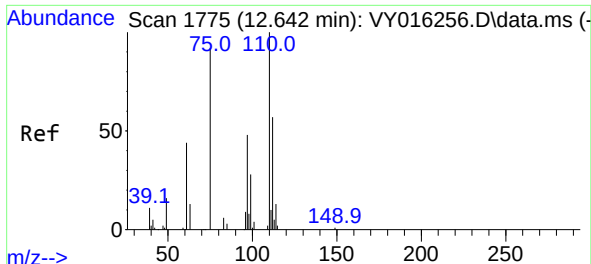
Tgt Ion:117 Resp: 165616
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion:152 Resp: 74773
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.2 0.0 348.8

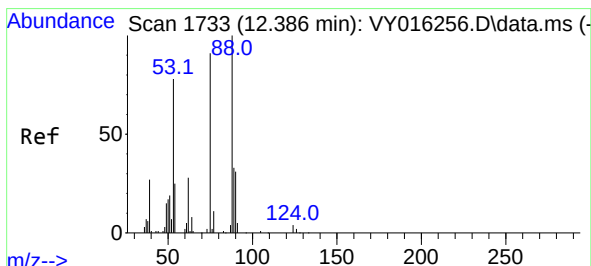
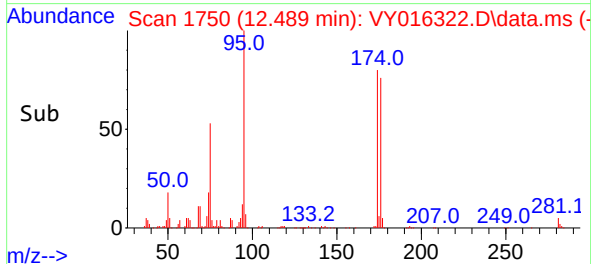
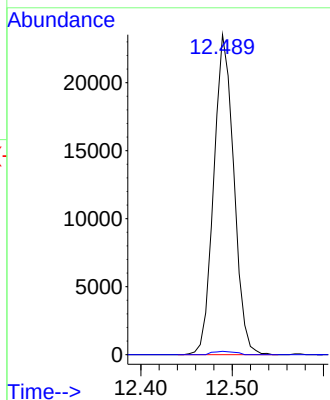
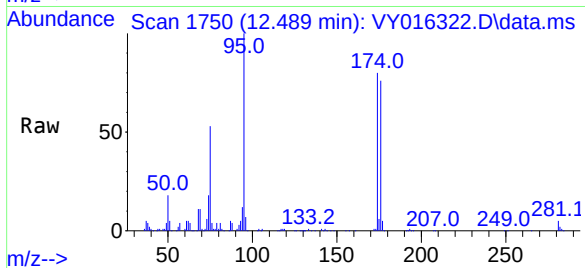




#76
1,2,3-Trichloropropane
Concen: 50.143 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35967
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.839 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion: 75 Resp: 35967
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

