

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016608.D
 Acq On : 06 Dec 2023 11:52
 Operator : SY/MD
 Sample : VY1206SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

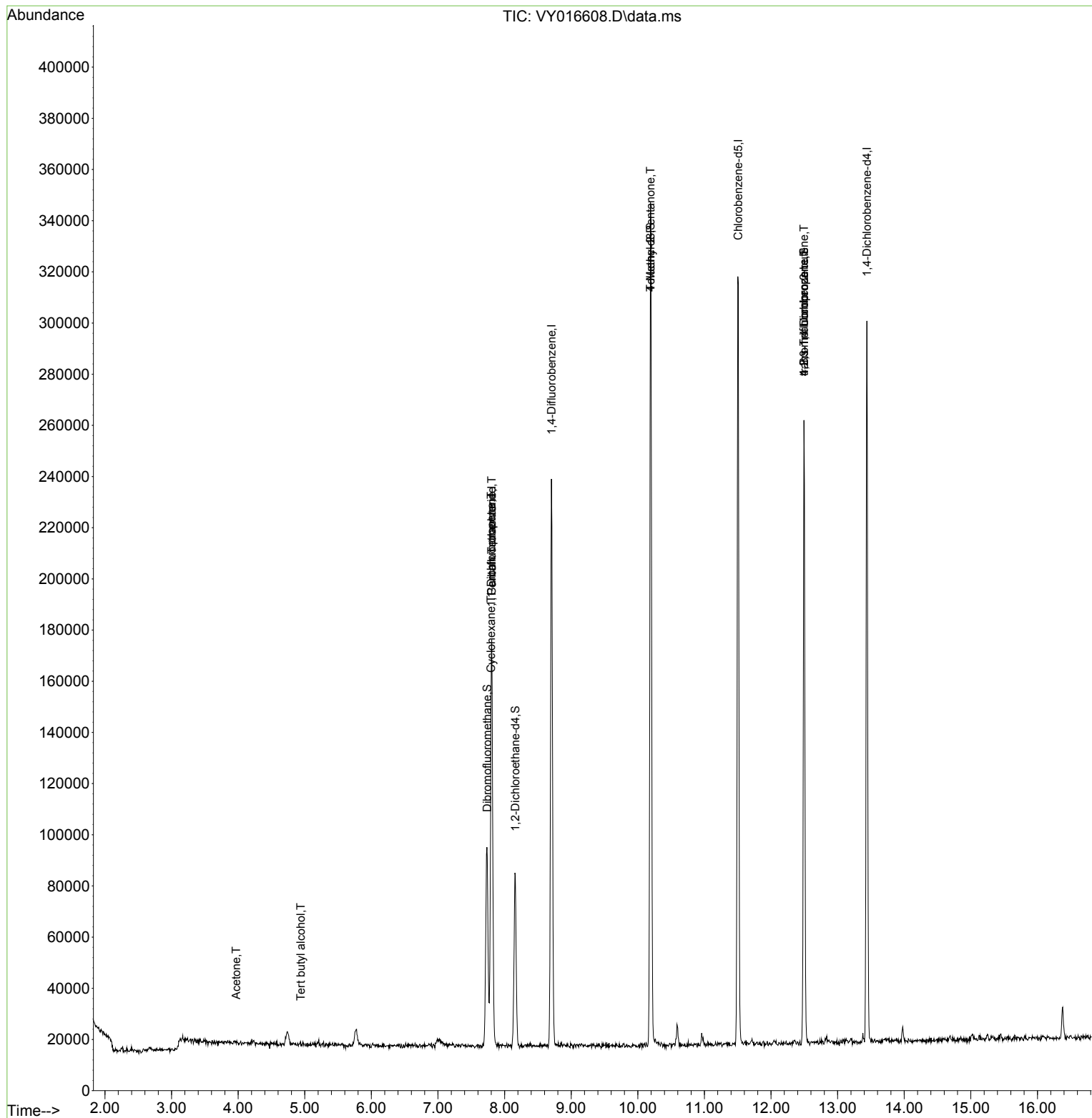
Internal Standards						
1) Pentafluorobenzene	7.807	168	128766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	194514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	76280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56682	47.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.740	113	54760	46.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.560%		
50) Toluene-d8	10.191	98	220783	49.863	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.720%		
62) 4-Bromofluorobenzene	12.495	95	70159	48.183	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.360%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	348	4.292	ug/l #	89
16) Acetone	3.973	43	457	1.697	ug/l #	46
31) Cyclohexane	7.795	56	2060	1.014	ug/l #	5
36) 1,1-Dichloropropene	7.801	75	8504	4.779	ug/l #	51
38) Carbon Tetrachloride	7.807	117	12633	6.133	ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	885	1.186	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	37296	54.126	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37296	122.098	ug/l #	11
95) Naphthalene	15.251	128	1768	Below Cal	#	91
96) 1,2,3-Trichlorobenzene	15.446	180	873	Below Cal		92

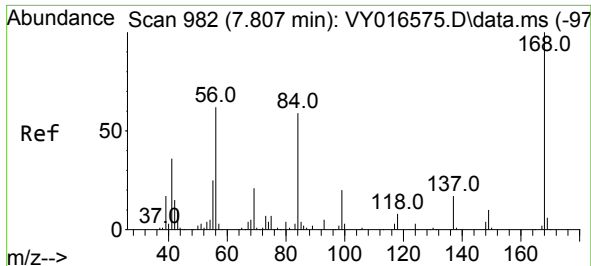
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
Data File : VY016608.D
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

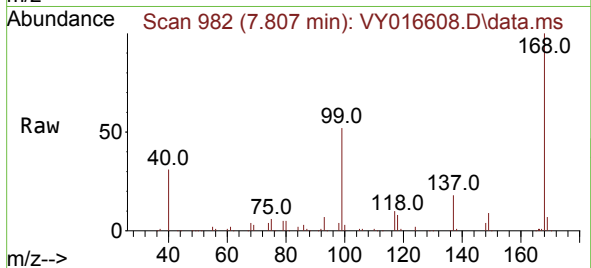
Quant Time: Dec 07 00:30:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration



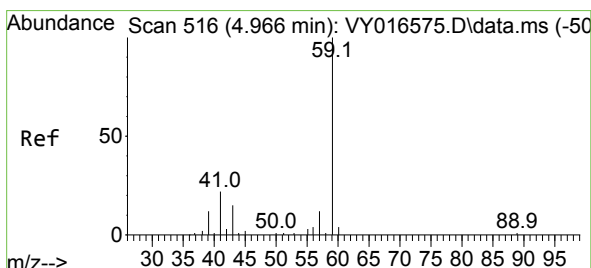
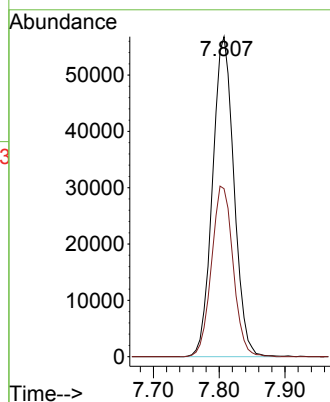
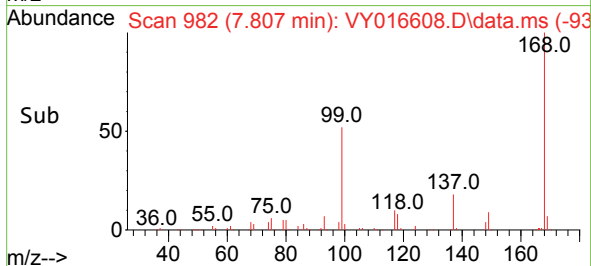


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

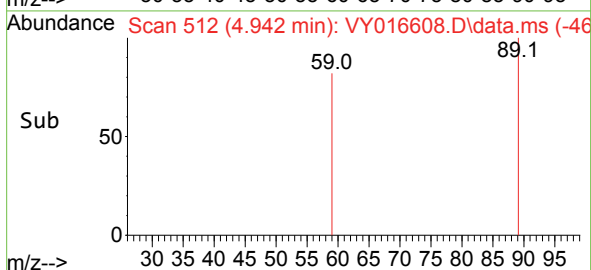
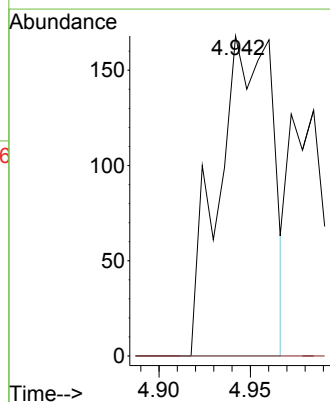
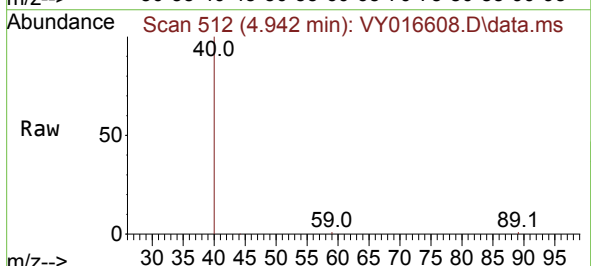


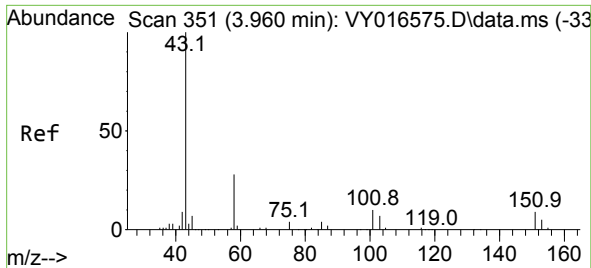
Tgt Ion:168 Resp: 128766
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.292 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion: 59 Resp: 348
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

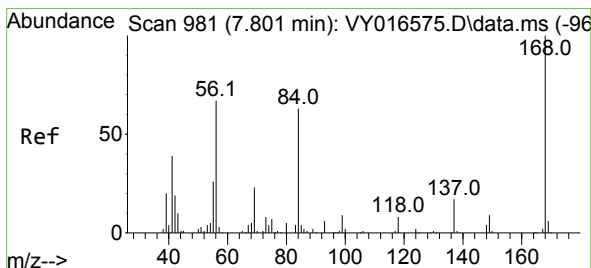
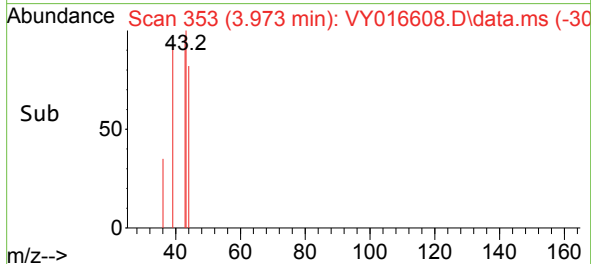
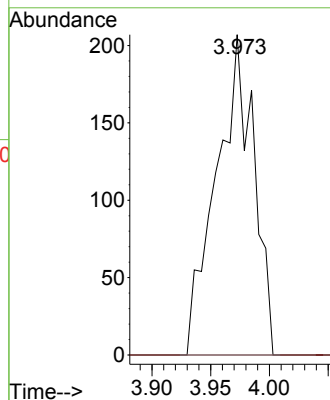
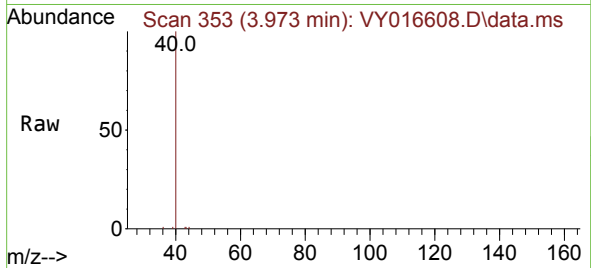




#16
Acetone
Concen: 1.697 ug/l
RT: 3.973 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

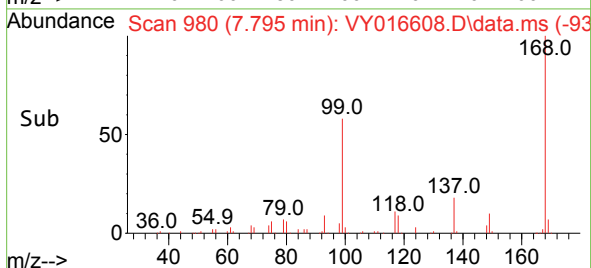
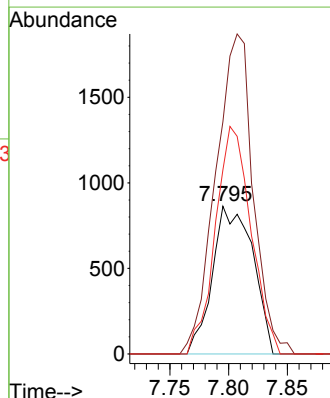
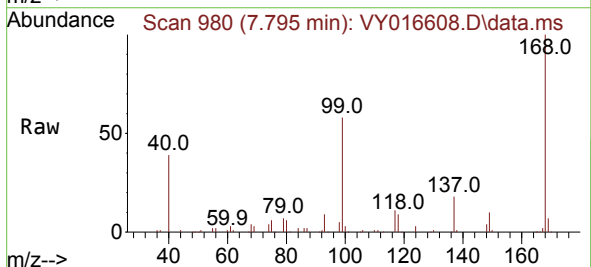
Instrument :
MSVOA_Y
ClientSampleId :

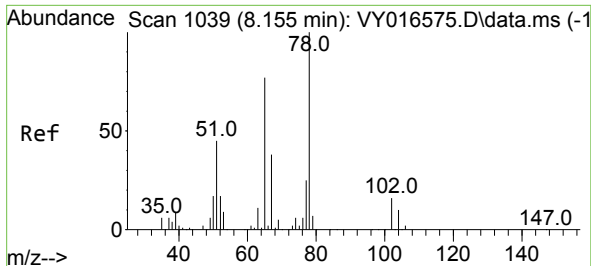
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion: 56 Resp: 2060
Ion Ratio Lower Upper
56 100
69 157.4 27.8 41.6#
84 124.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 47.626 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY016608.D

Acq: 06 Dec 2023 11:52

Instrument :

MSVOA_Y

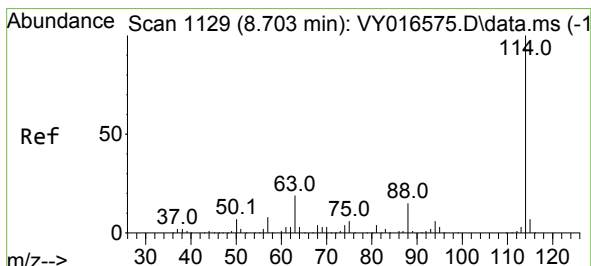
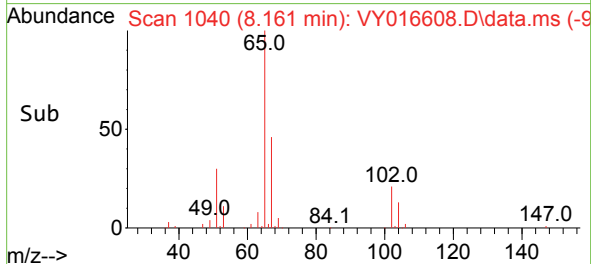
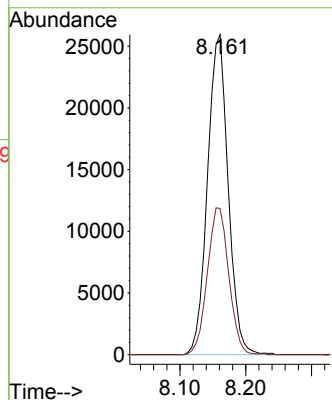
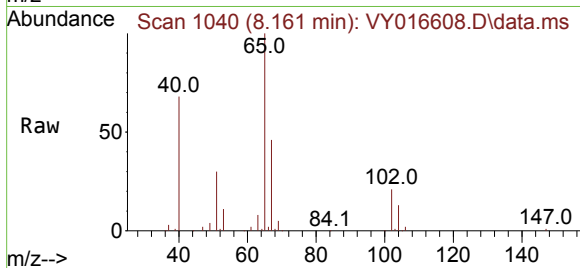
ClientSampleId :

Tgt Ion: 65 Resp: 56682

Ion Ratio Lower Upper

65 100

67 47.8 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: VY016608.D

Acq: 06 Dec 2023 11:52

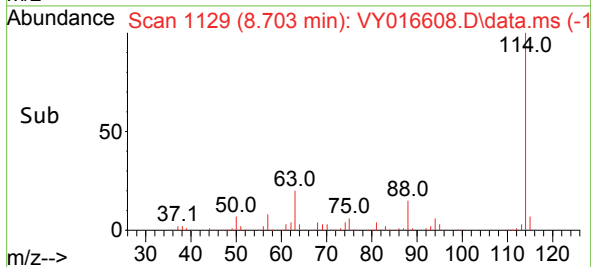
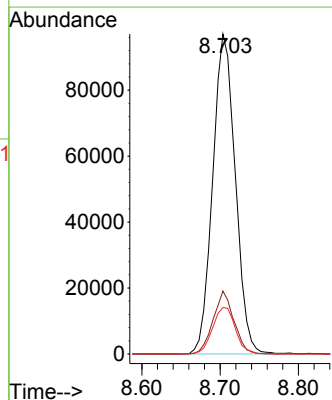
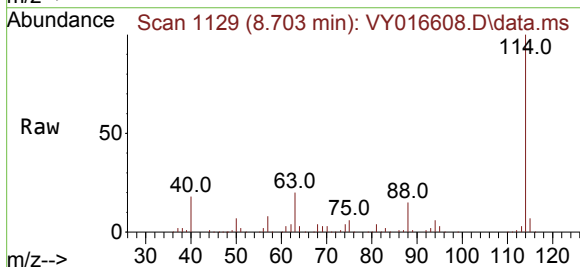
Tgt Ion: 114 Resp: 194514

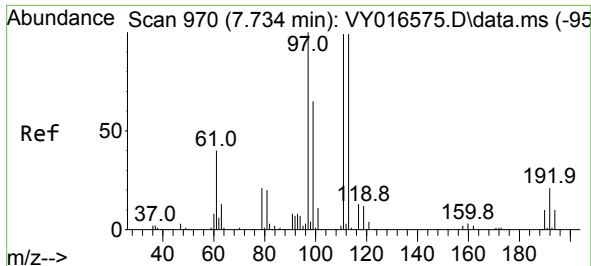
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

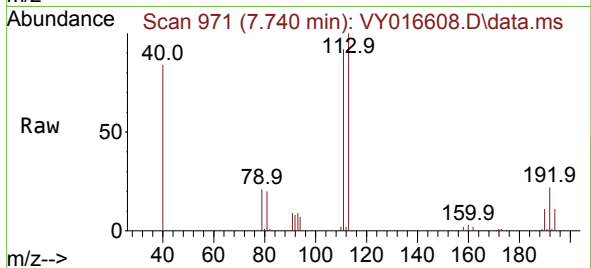
88 14.5 0.0 30.6



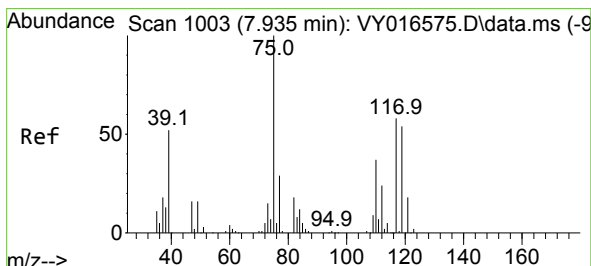
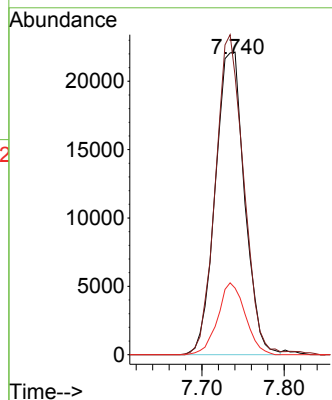
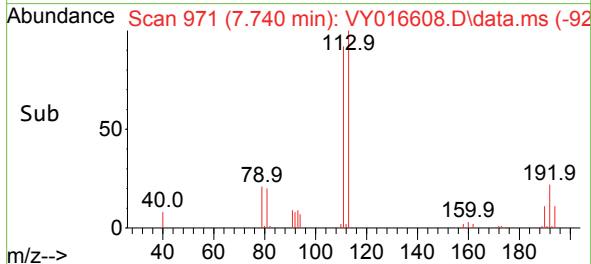


#35
Dibromofluoromethane
Concen: 46.780 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

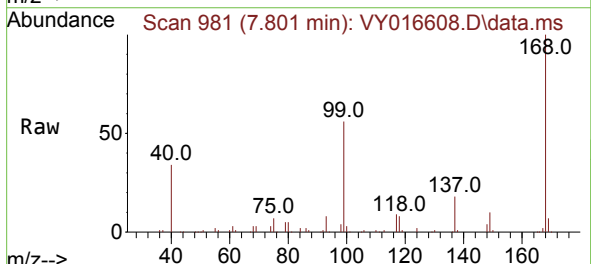
Instrument :
MSVOA_Y
ClientSampleId :



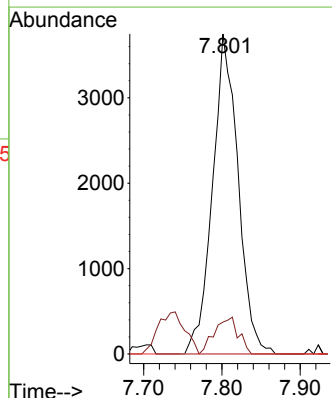
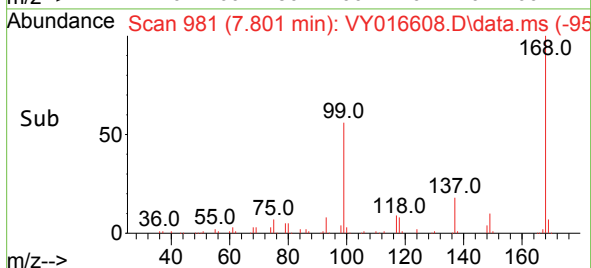
Tgt Ion:113 Resp: 54760
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 22.3 16.9 25.3

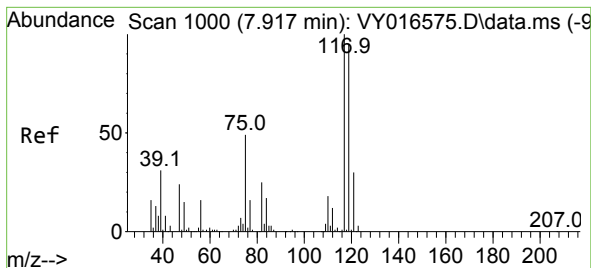


#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52



Tgt Ion: 75 Resp: 8504
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.110 min

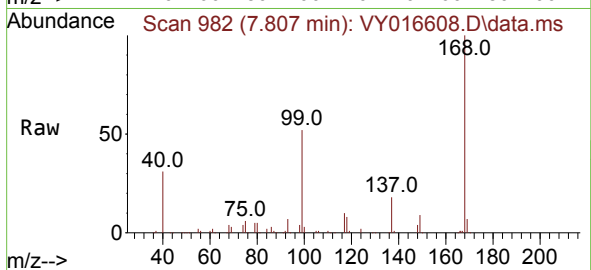
Lab File: VY016608.D

Acq: 06 Dec 2023 11:52

Instrument :

MSVOA_Y

ClientSampleId :



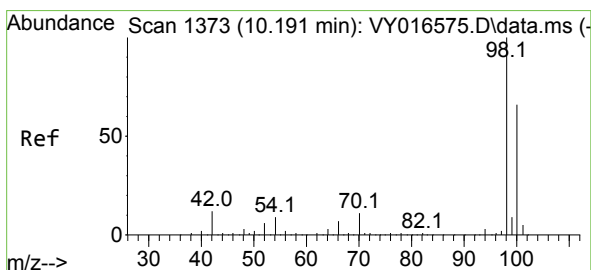
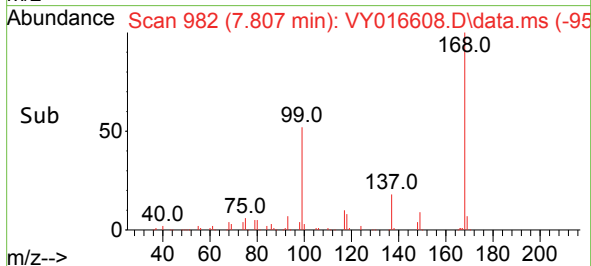
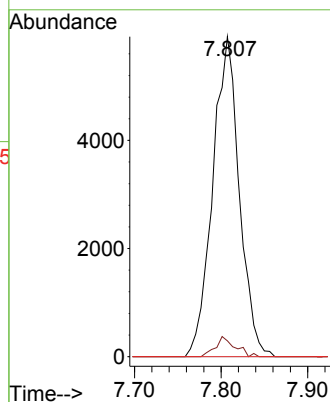
Tgt Ion:117 Resp: 12633

Ion Ratio Lower Upper

117 100

119 4.9 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 49.863 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016608.D

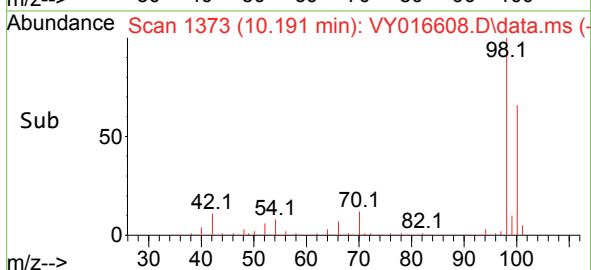
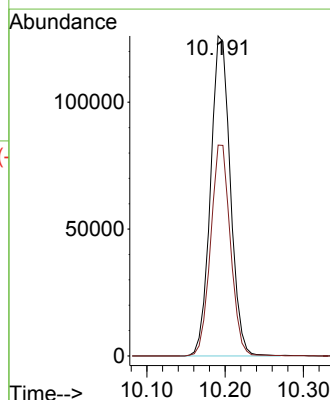
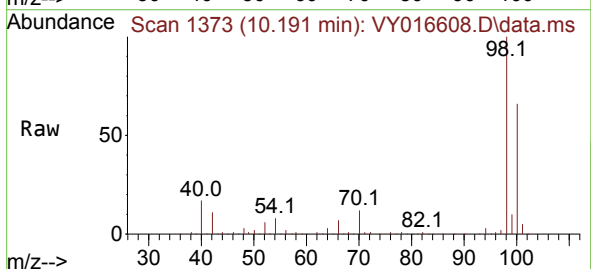
Acq: 06 Dec 2023 11:52

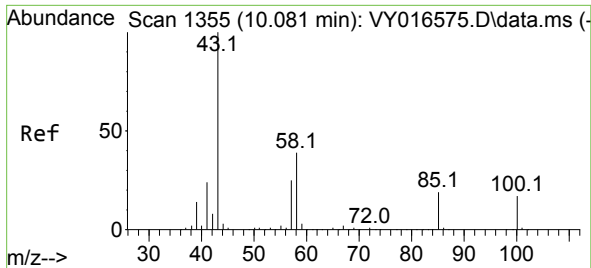
Tgt Ion: 98 Resp: 220783

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

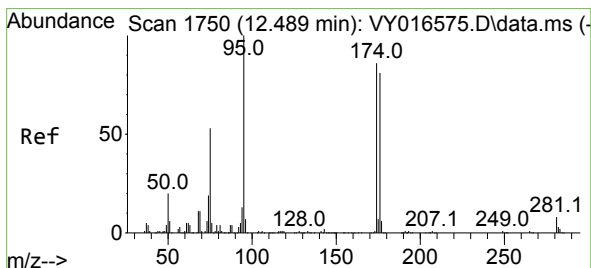
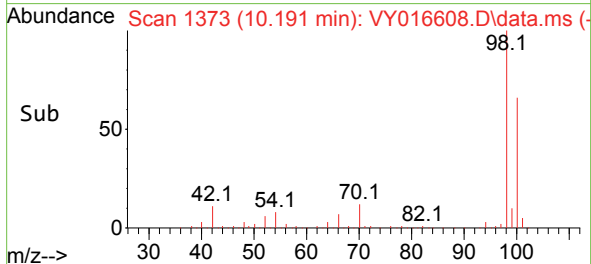
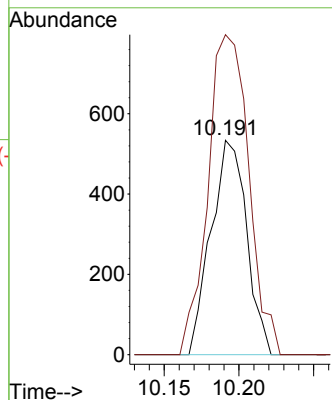
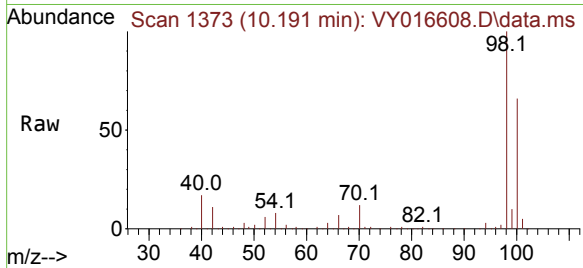




#51
4-Methyl-2-Pentanone
Concen: 1.186 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

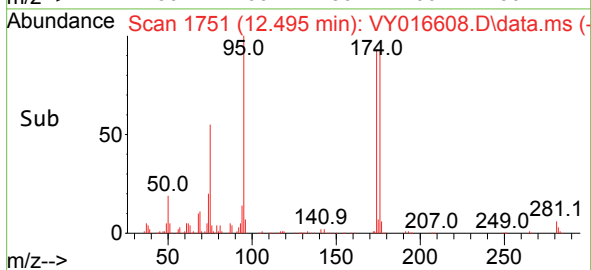
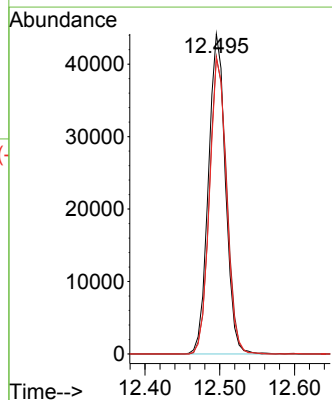
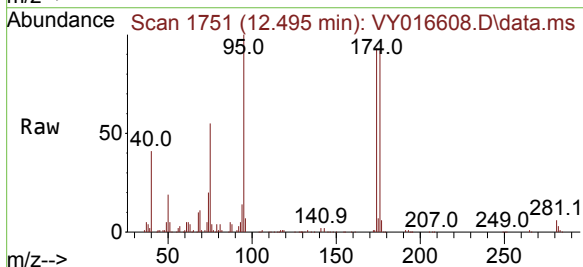
Instrument :
MSVOA_Y
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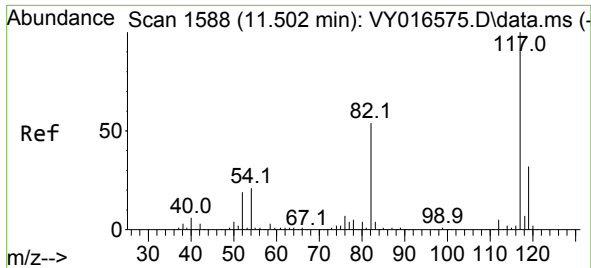
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 170.8 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 48.183 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion: 95 Resp: 70159
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 91.9 0.0 173.8

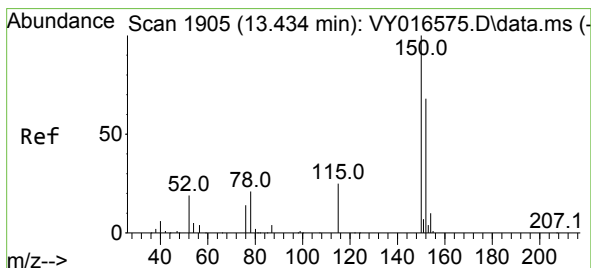
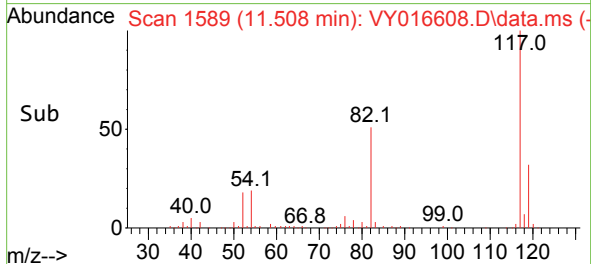
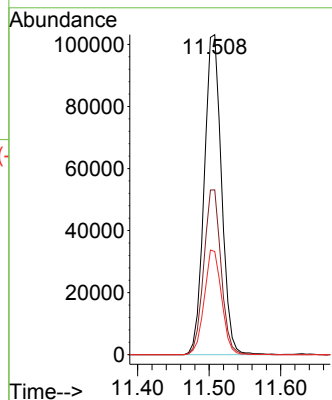
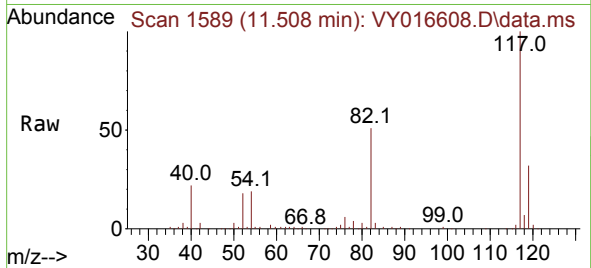




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

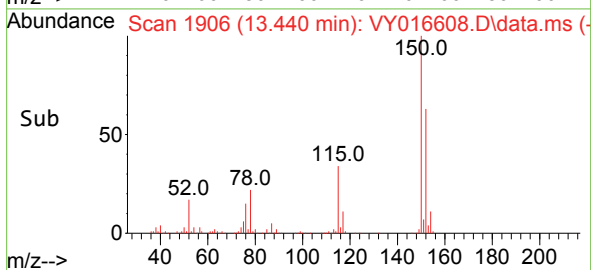
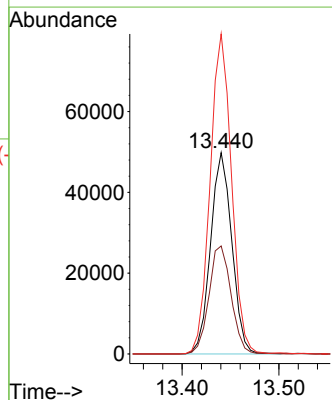
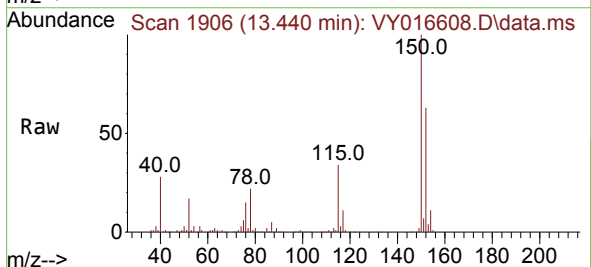
Instrument :
MSVOA_Y
ClientSampleId :

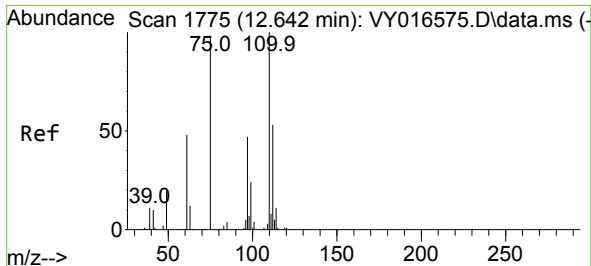
Tgt Ion:117 Resp: 173114
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion:152 Resp: 76280
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 159.6 0.0 348.8

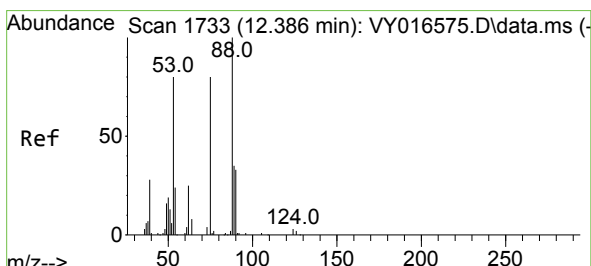
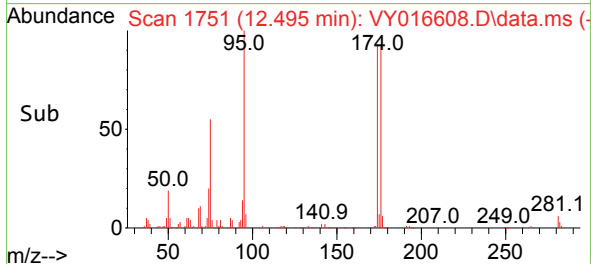
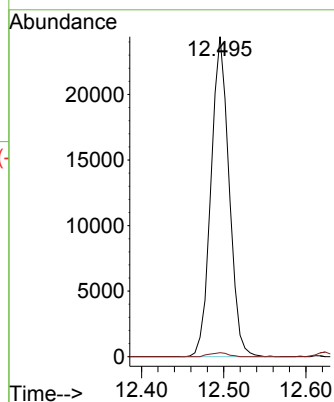
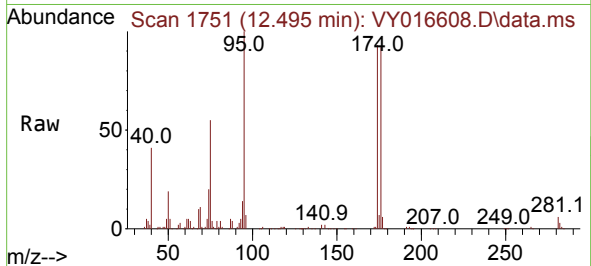




#76
1,2,3-Trichloropropane
Concen: 54.126 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37296
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.098 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016608.D
Acq: 06 Dec 2023 11:52

Tgt Ion: 75 Resp: 37296
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

