

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016445.D
 Acq On : 21 Nov 2023 18:08
 Operator : SY/MD
 Sample : 05485-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:20:45 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)

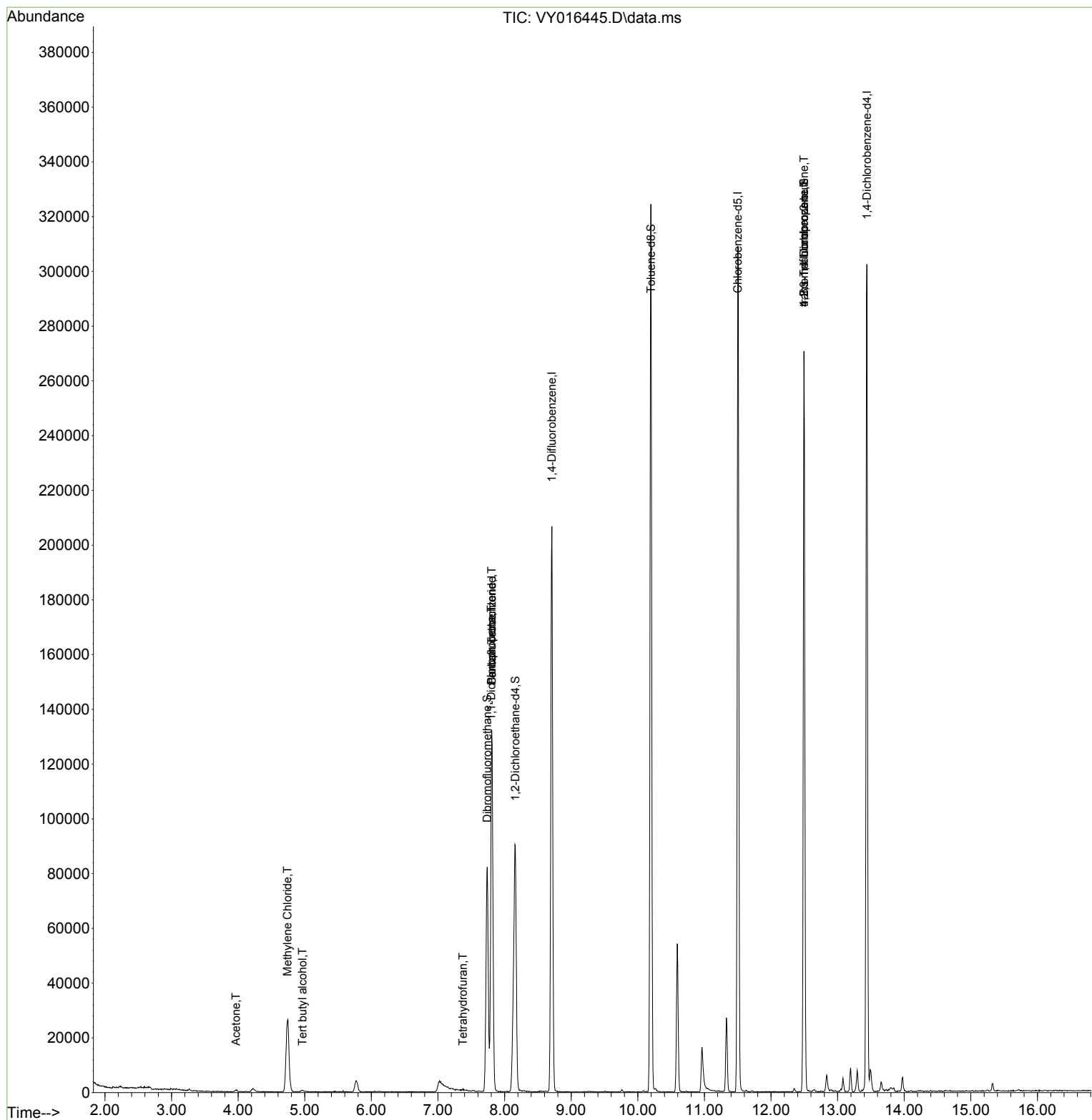
Internal Standards						
1) Pentafluorobenzene	7.807	168	107458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	186684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	181634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	63032	64.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.360%	
35) Dibromofluoromethane	7.740	113	59406	56.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.040%	
50) Toluene-d8	10.197	98	217276	50.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	12.495	95	77252	55.309	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	835	10.857	ug/l #	89
16) Acetone	3.966	43	1162	7.153	ug/l	91
20) Methylene Chloride	4.740	84	22360	17.200	ug/l #	83
29) Tetrahydrofuran	7.374	42	196	1.042	ug/l #	35
36) 1,1-Dichloropropene	7.801	75	7749	4.208	ug/l #	50
38) Carbon Tetrachloride	7.807	117	10366	5.424	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	38949	49.573	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	38949	107.603	ug/l #	11

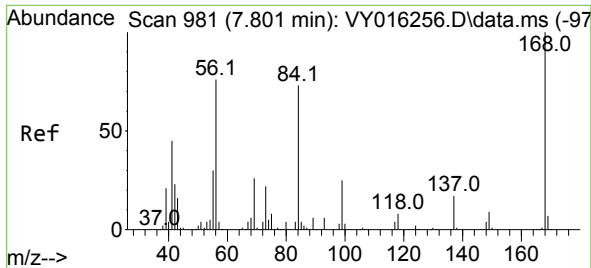
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
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MSVOA_Y
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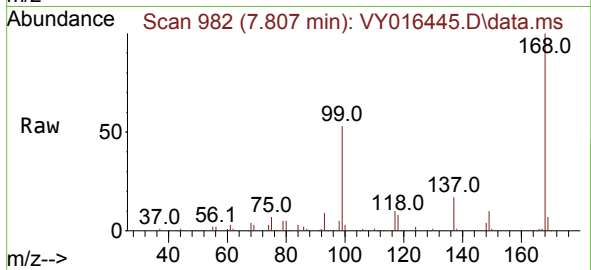
Quant Time: Nov 22 01:20:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



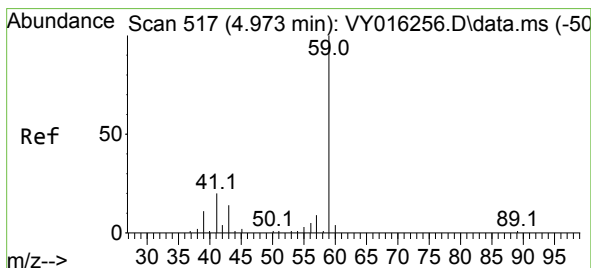
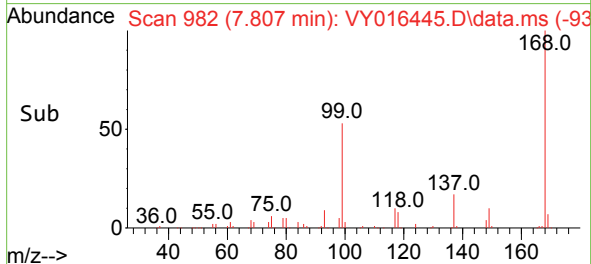
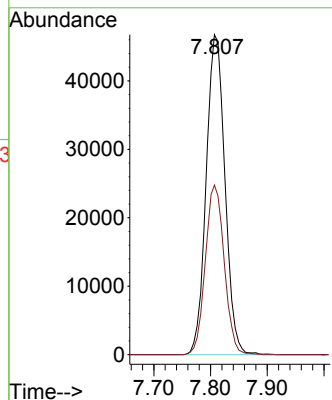


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

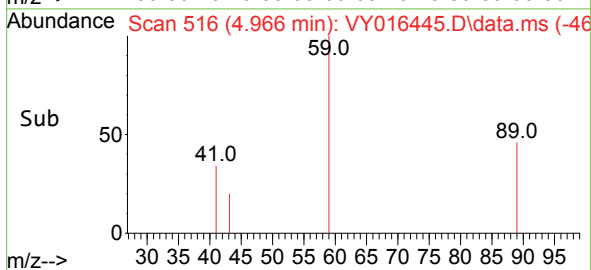
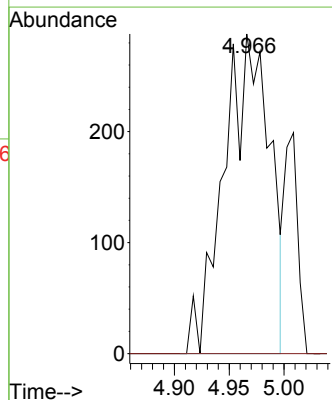
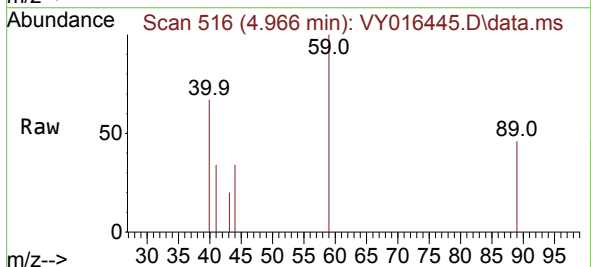


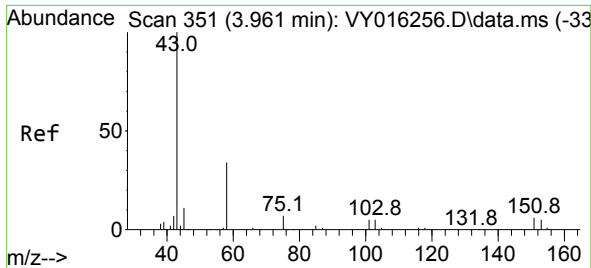
Tgt Ion:168 Resp: 107458
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.857 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

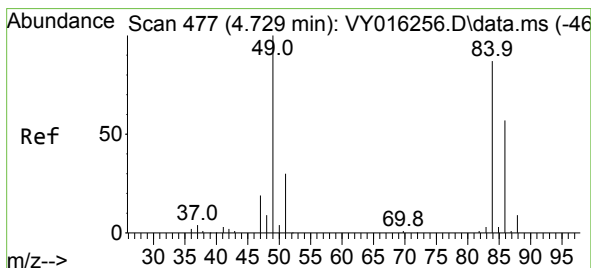
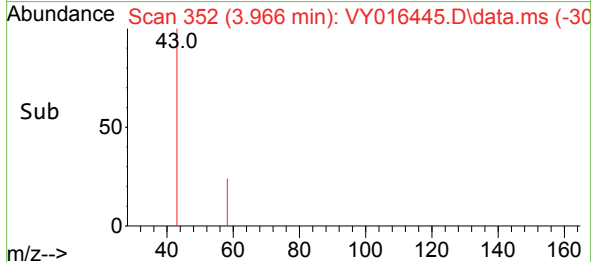
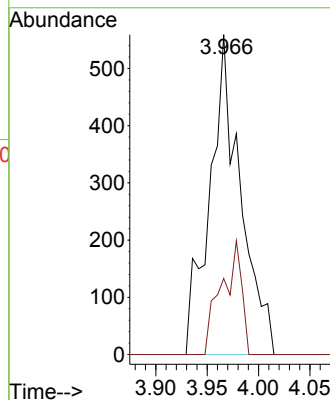
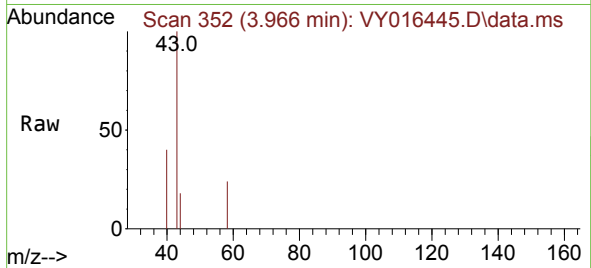




#16
Acetone
Concen: 7.153 ug/l
RT: 3.966 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

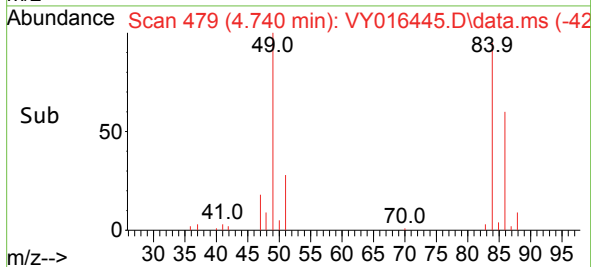
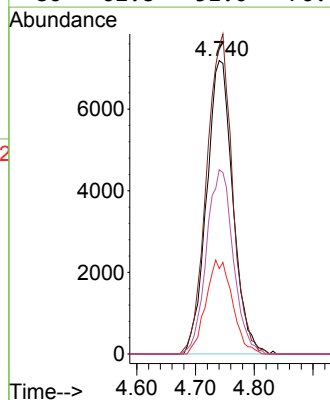
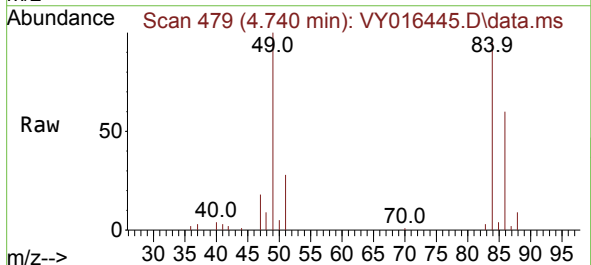
Instrument :
MSVOA_Y
ClientSampleId :

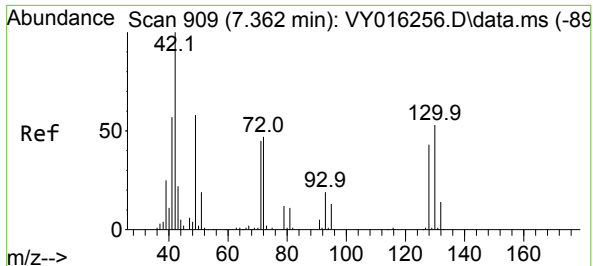
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 23.8 22.7 34.1



#20
Methylene Chloride
Concen: 17.200 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.011 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Tgt Ion: 84 Resp: 22360
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 29.1 33.2 49.8#
86 62.8 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.042 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

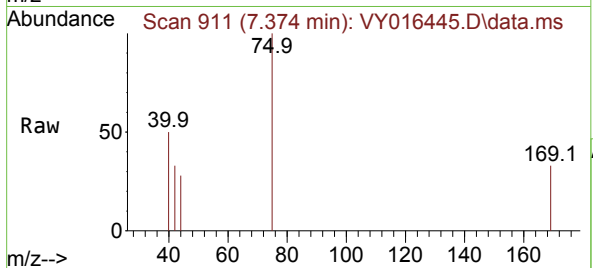
Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

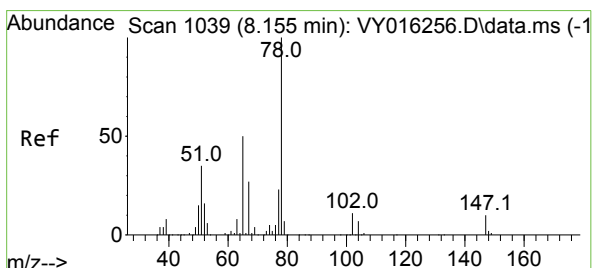
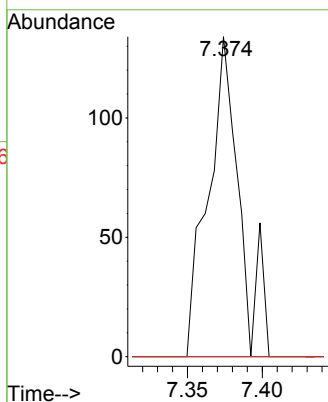
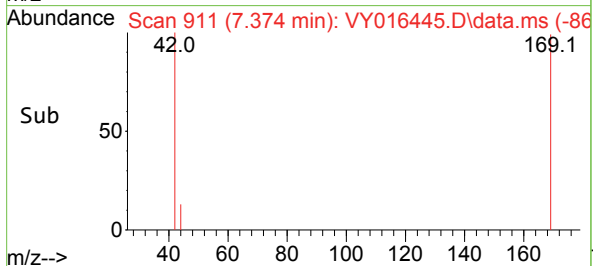
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 42	Resp: 196
Ion Ratio	Lower Upper
42	100
72	0.0 32.8 49.2#
71	0.0 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 64.179 ug/l

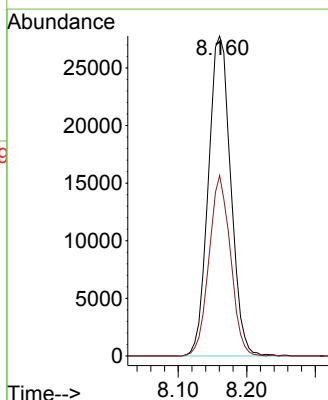
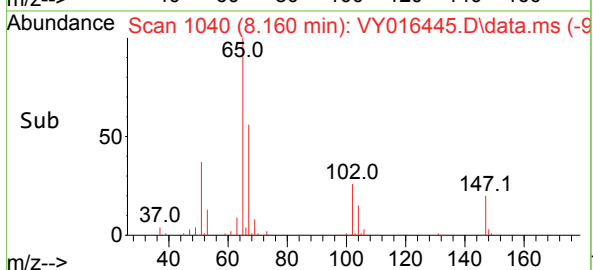
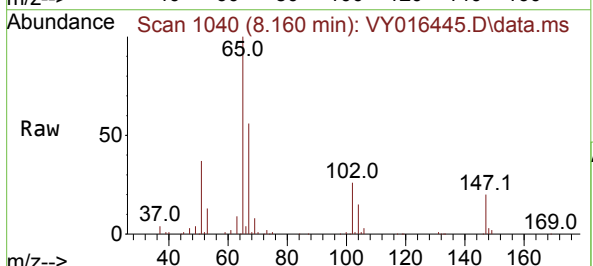
RT: 8.160 min Scan# 1040

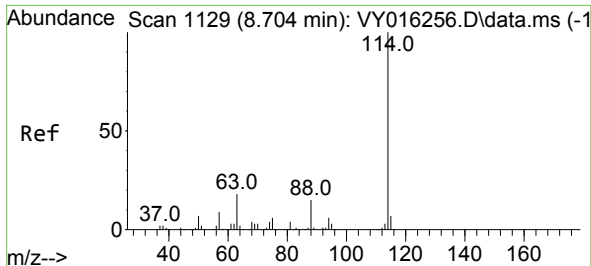
Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

Tgt Ion: 65	Resp: 63032
Ion Ratio	Lower Upper
65	100
67	53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

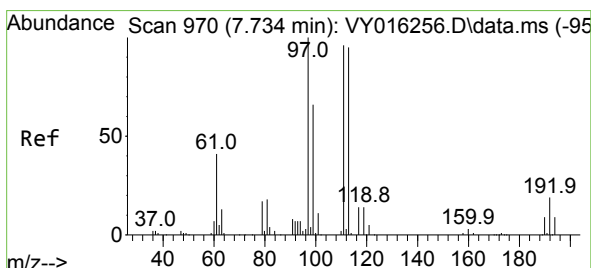
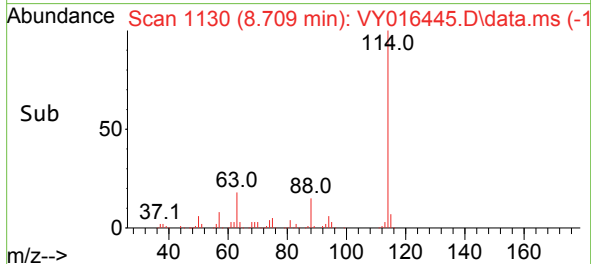
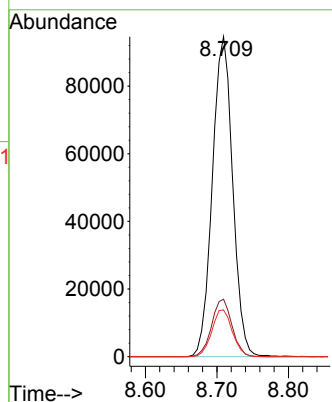
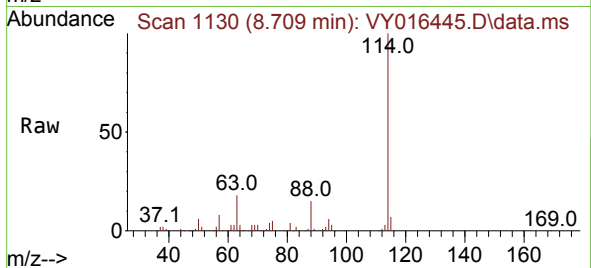
Tgt Ion:114 Resp: 186684

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.018 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

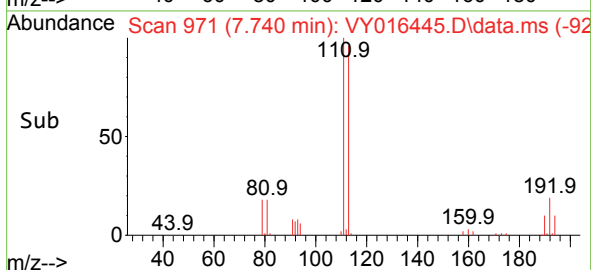
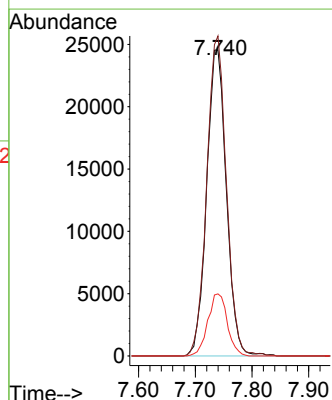
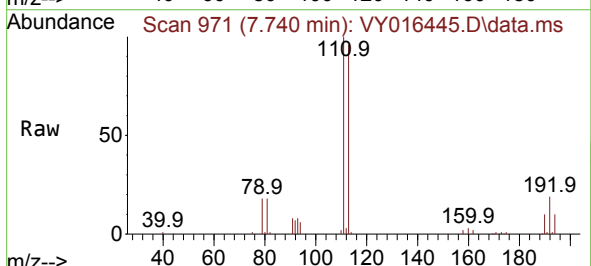
Tgt Ion:113 Resp: 59406

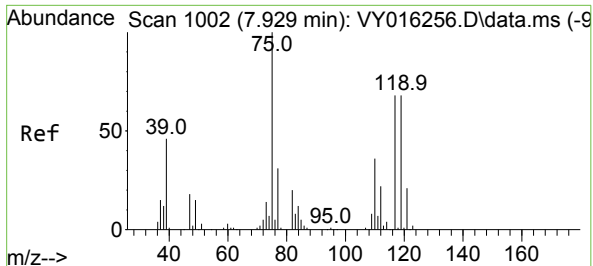
Ion Ratio Lower Upper

113 100

111 104.0 81.3 121.9

192 20.0 16.9 25.3

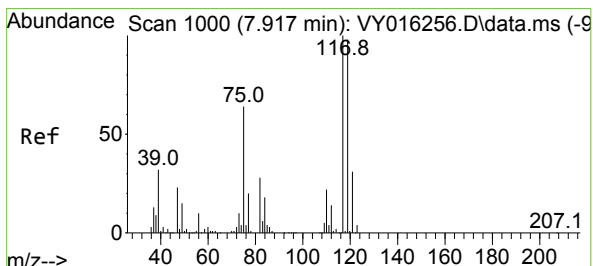
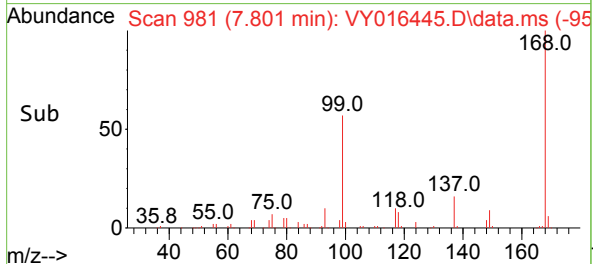
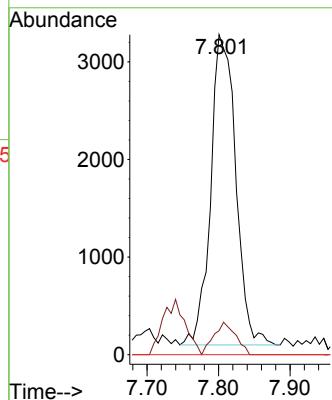
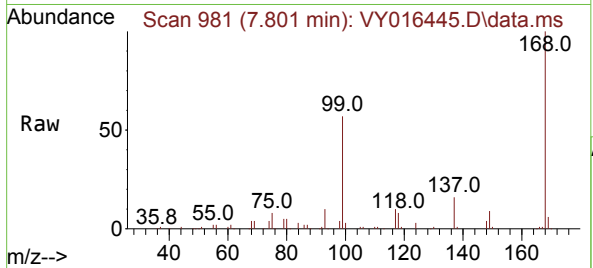




#36
 1,1-Dichloropropene
 Concen: 4.208 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.129 min
 Lab File: VY016445.D
 Acq: 21 Nov 2023 18:08

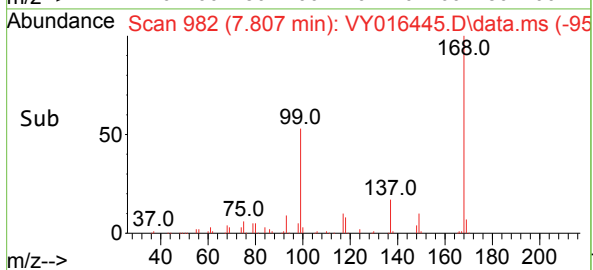
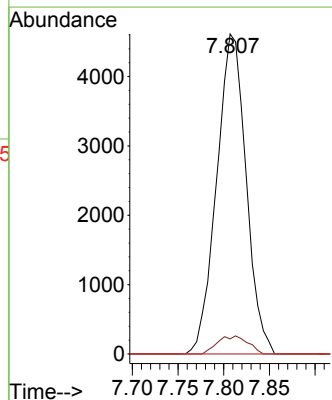
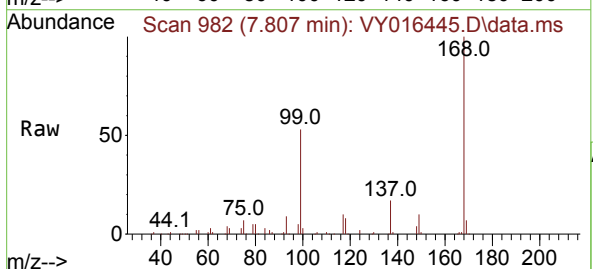
Instrument :
 MSVOA_Y
 ClientSampleId :

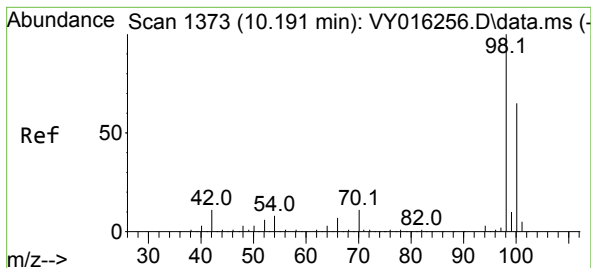
Tgt Ion: 75 Resp: 7749
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.424 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY016445.D
 Acq: 21 Nov 2023 18:08

Tgt Ion: 117 Resp: 10366
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.524 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

Instrument :

MSVOA_Y

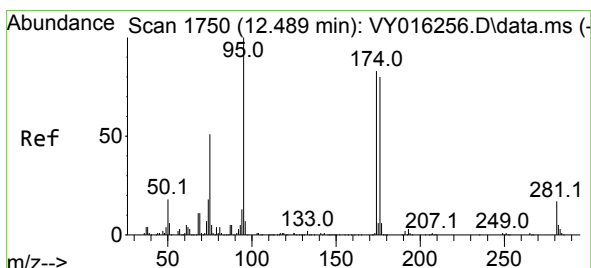
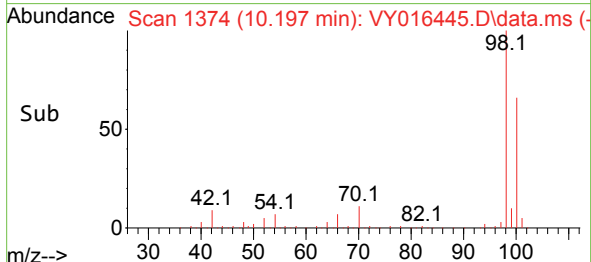
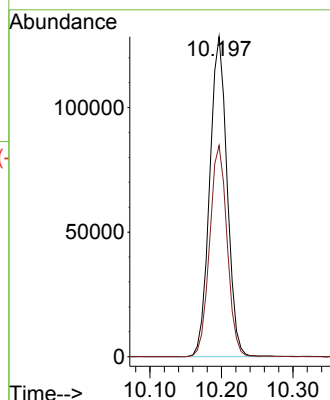
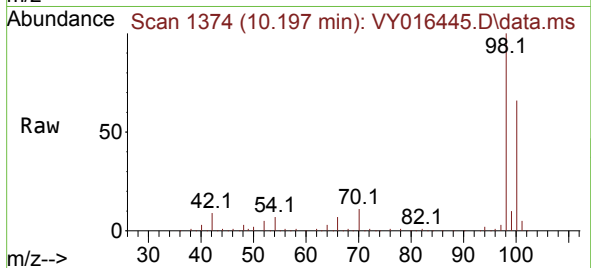
ClientSampleId :

Tgt Ion: 98 Resp: 217276

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.309 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

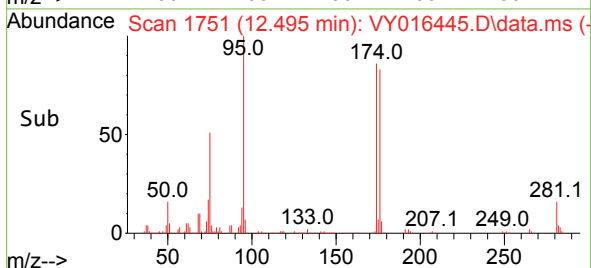
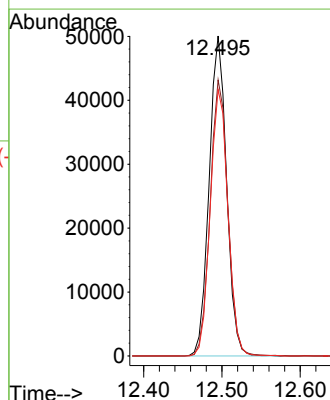
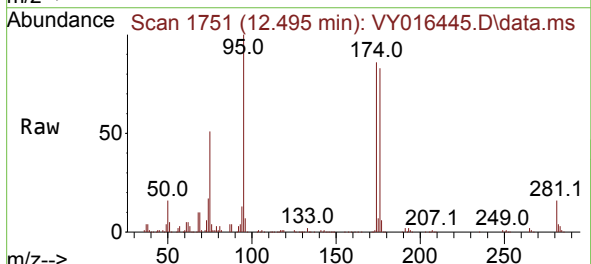
Tgt Ion: 95 Resp: 77252

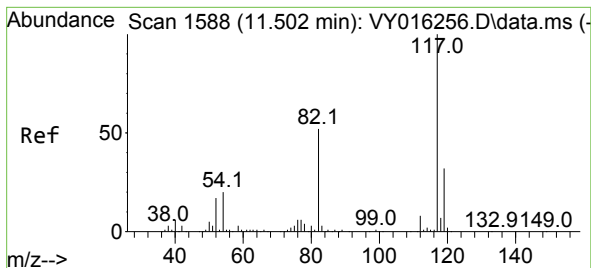
Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 84.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

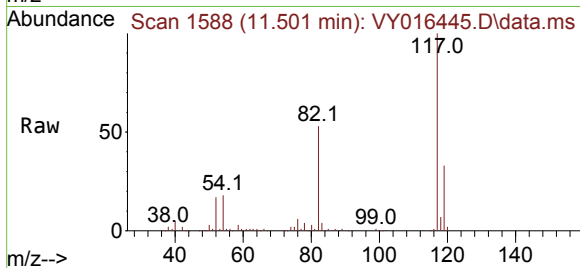
Lab File: VY016445.D

Acq: 21 Nov 2023 18:08

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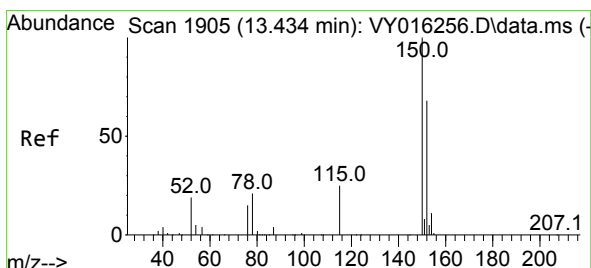
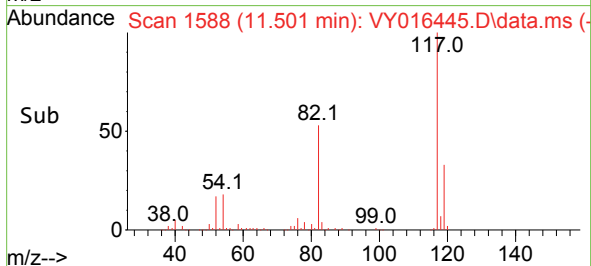
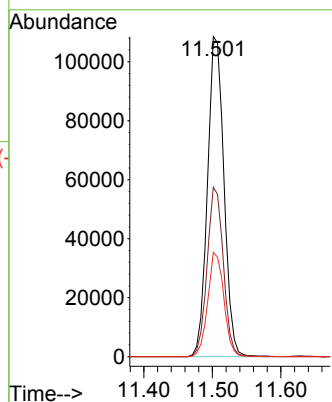
Tgt Ion:117 Resp: 181634

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.6 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: VY016445.D

Acq: 21 Nov 2023 18:08

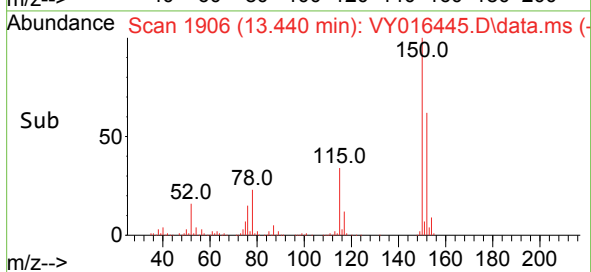
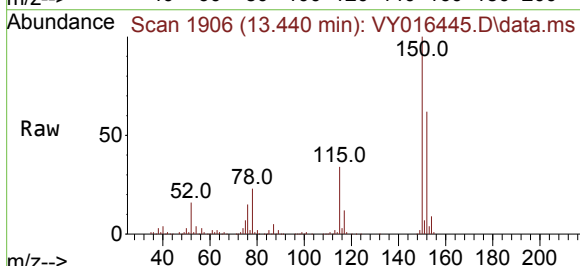
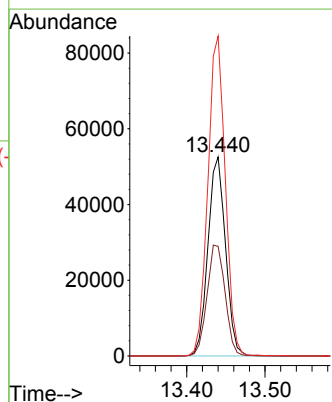
Tgt Ion:152 Resp: 81903

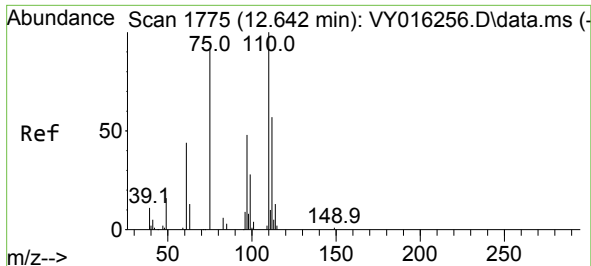
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 159.1 0.0 348.8

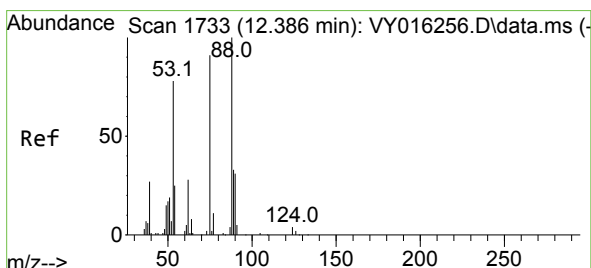
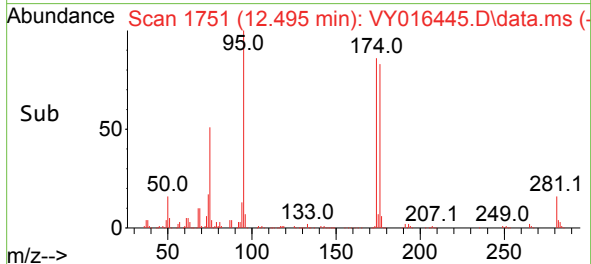
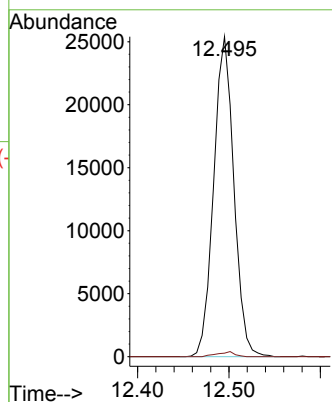
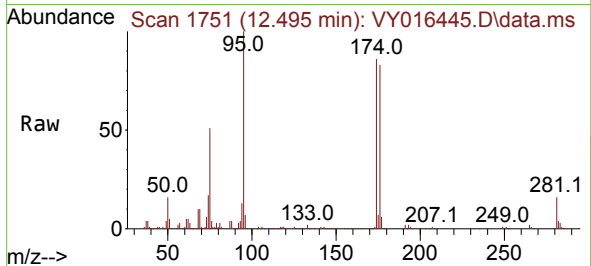




#76
1,2,3-Trichloropropane
Concen: 49.573 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38949
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.603 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016445.D
Acq: 21 Nov 2023 18:08

Tgt Ion: 75 Resp: 38949
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

