

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016355.D
 Acq On : 15 Nov 2023 09:42
 Operator : SY/MD
 Sample : VY1115SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:00:36 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)

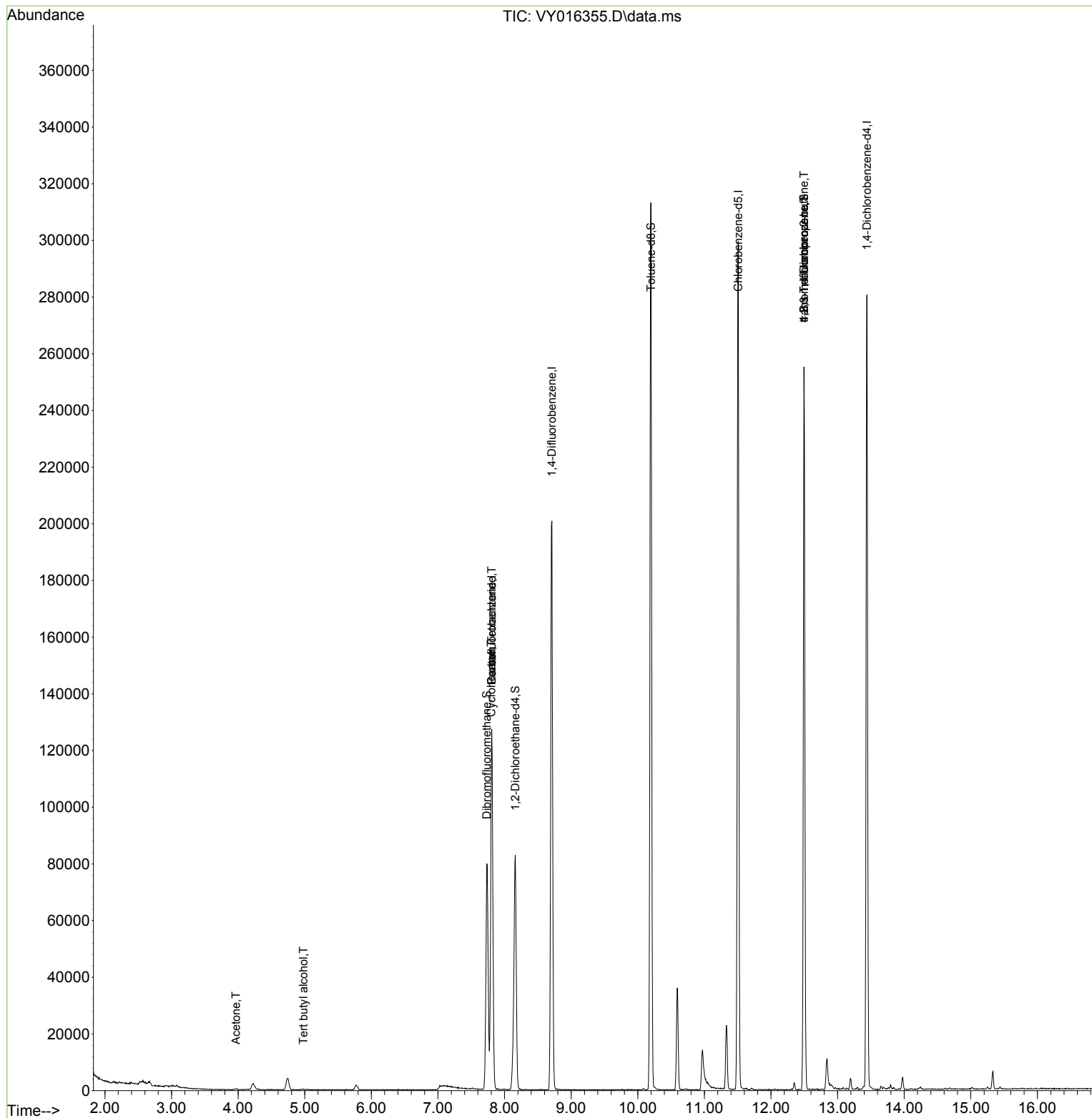
Internal Standards						
1) Pentafluorobenzene	7.807	168	98843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	177714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	171912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	74866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60773	67.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.540%	
35) Dibromofluoromethane	7.734	113	56840	56.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.600%	
50) Toluene-d8	10.197	98	209802	51.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.496	95	71438	53.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	218	3.082	ug/l #	89
16) Acetone	3.967	43	607	4.062	ug/l #	46
20) Methylene Chloride	4.741	84	3219	Below Cal		87
31) Cyclohexane	7.801	56	1938	1.090	ug/l #	1
38) Carbon Tetrachloride	7.807	117	9703	5.333	ug/l #	16
76) 1,2,3-Trichloropropane	12.496	75	36395	50.677	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	36395	109.998	ug/l #	10

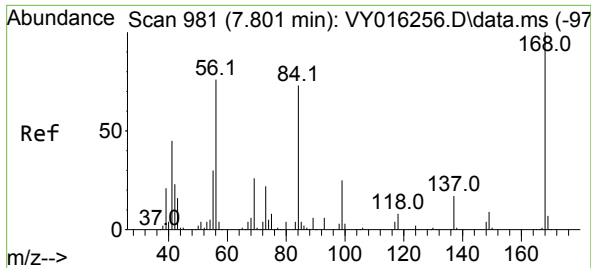
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 16 00:00:36 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

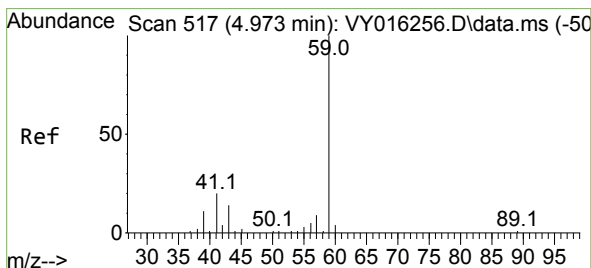
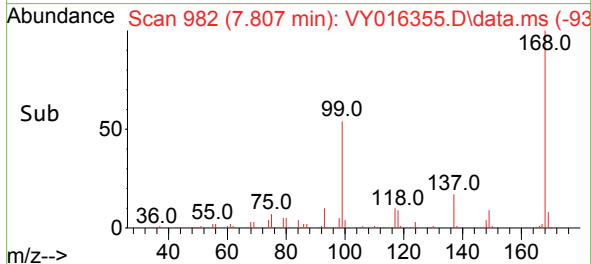
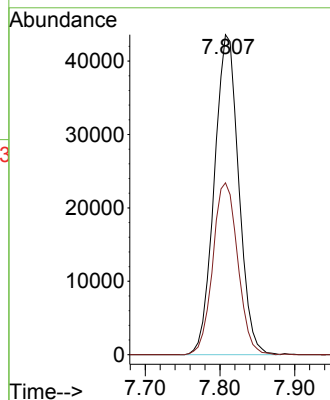
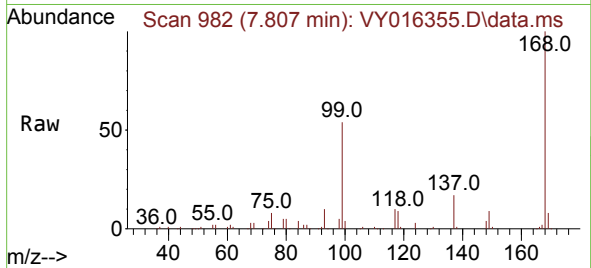




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

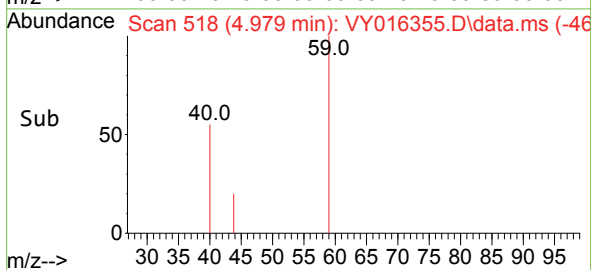
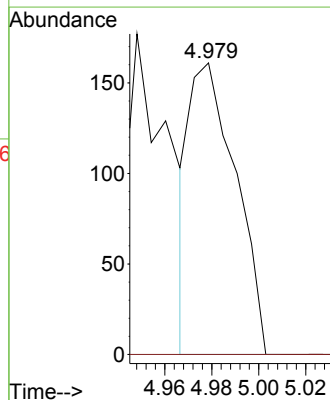
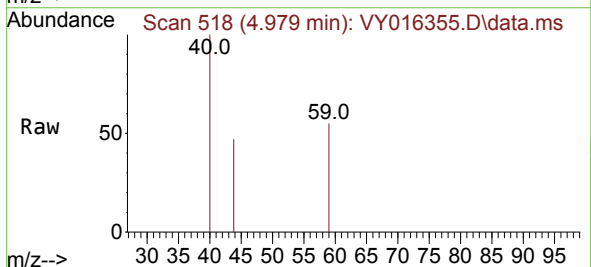
Instrument :
MSVOA_Y
ClientSampleId :

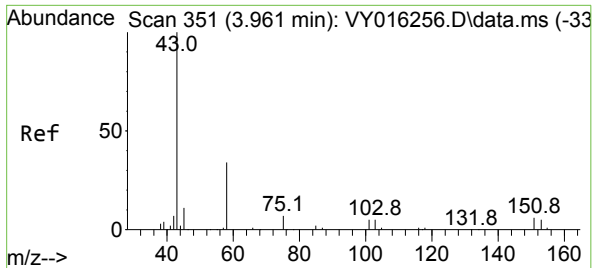
Tgt Ion:168 Resp: 98843
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.082 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion: 59 Resp: 218
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

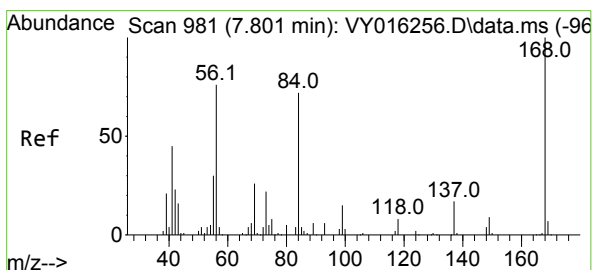
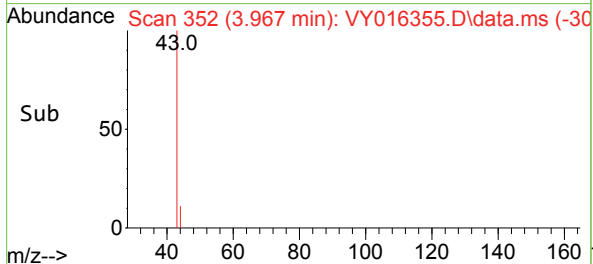
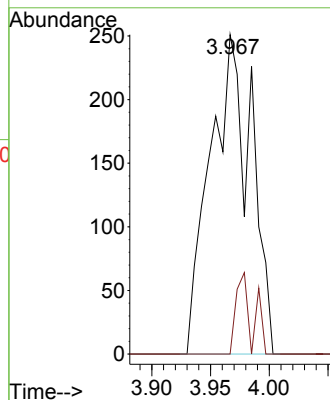
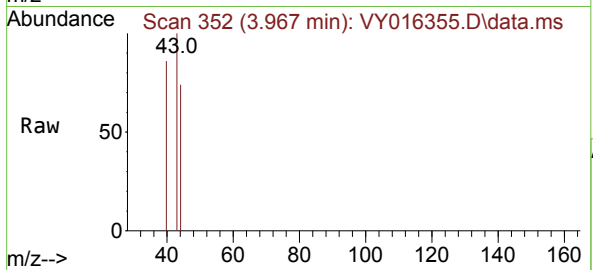




#16
Acetone
Concen: 4.062 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

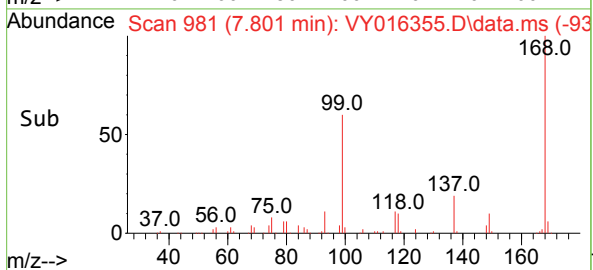
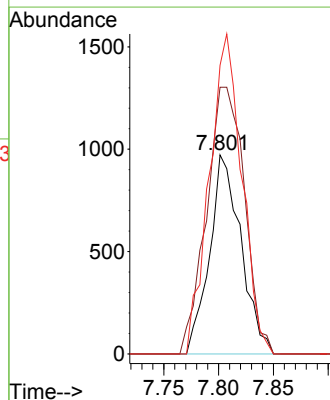
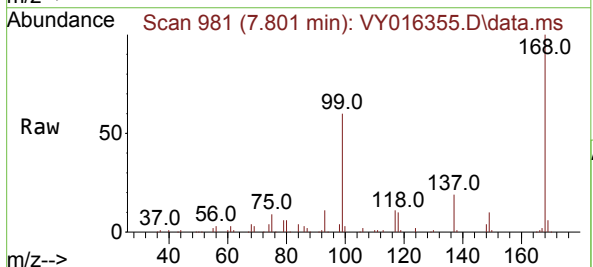
Instrument :
MSVOA_Y
ClientSampleId :

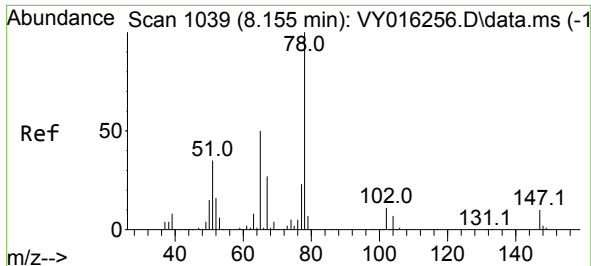
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion: 56 Resp: 1938
Ion Ratio Lower Upper
56 100
69 134.1 27.8 41.6#
84 145.1 66.4 99.6#

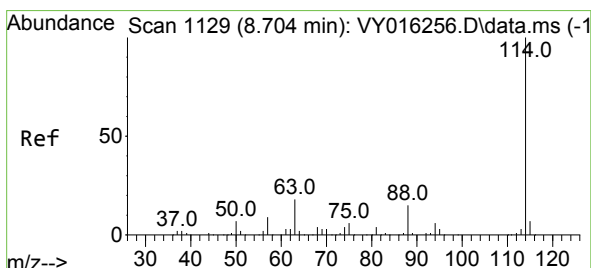
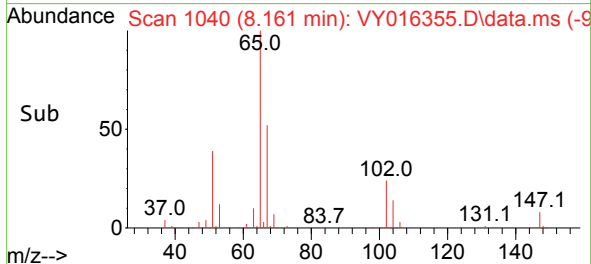
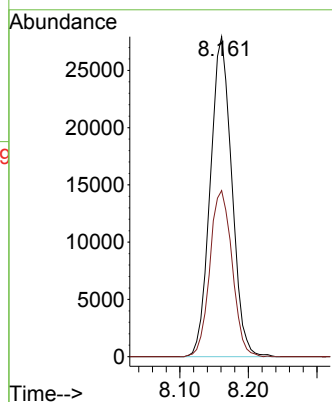
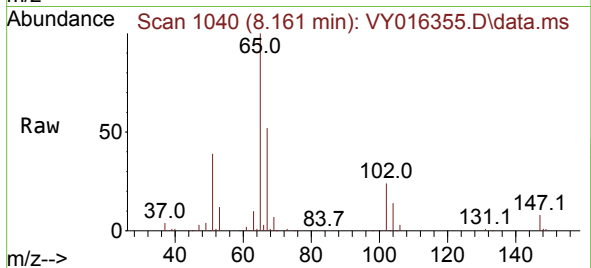




#33
1,2-Dichloroethane-d4
Concen: 67.272 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

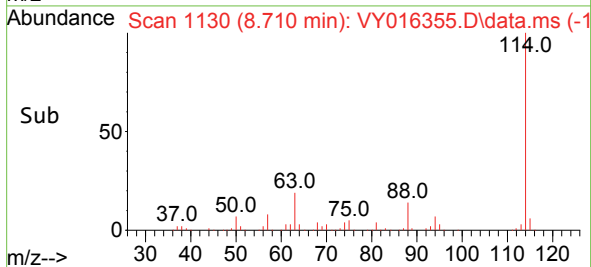
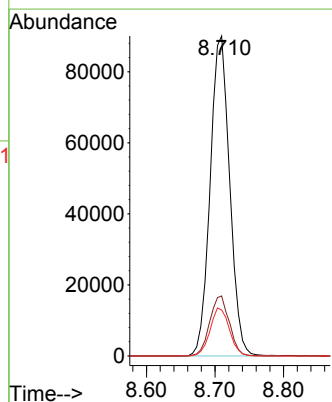
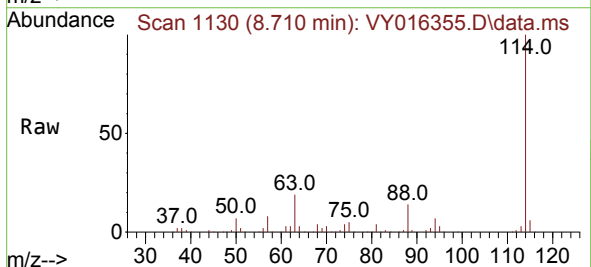
Instrument :
MSVOA_Y
ClientSampleId :

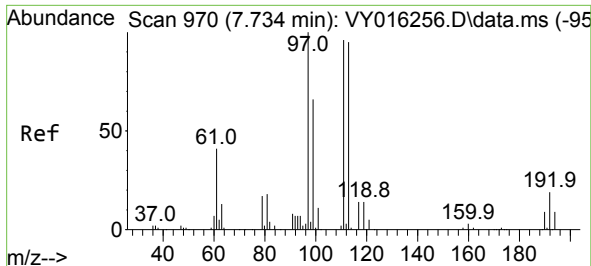
Tgt Ion: 65 Resp: 60773
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

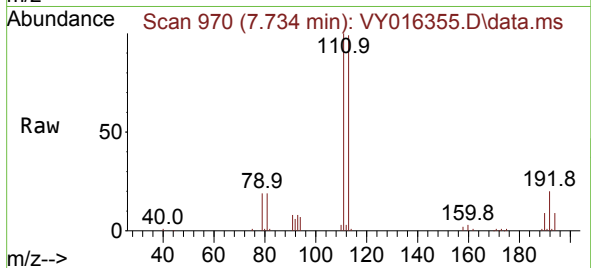
Tgt Ion: 114 Resp: 177714
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.4 0.0 30.6



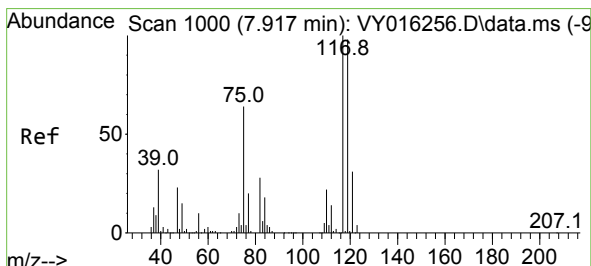
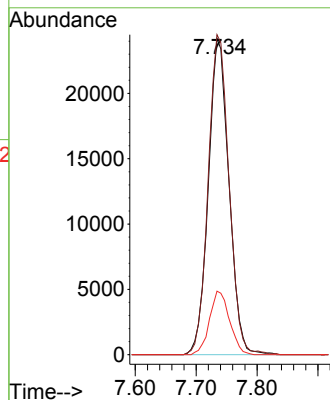
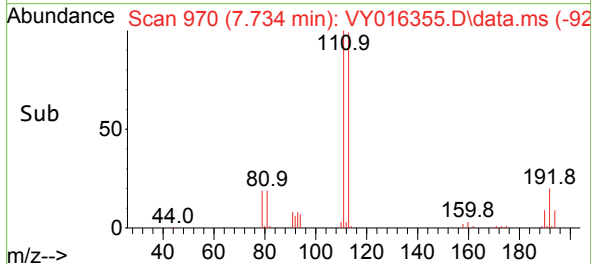


#35
Dibromofluoromethane
Concen: 56.304 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

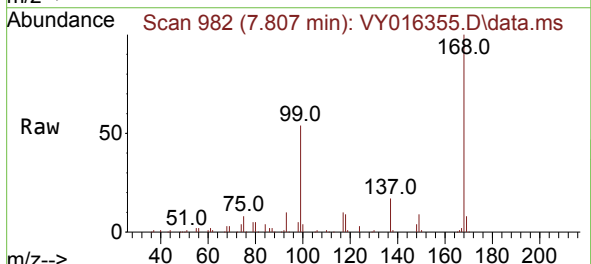
Instrument :
MSVOA_Y
ClientSampleId :



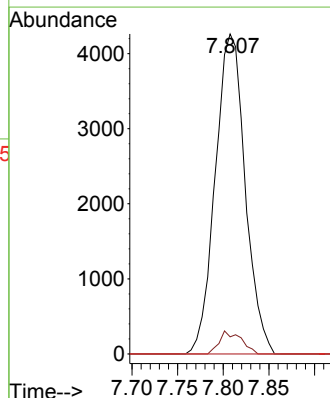
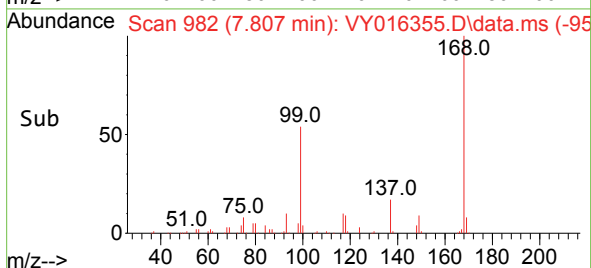
Tgt Ion:113 Resp: 56840
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

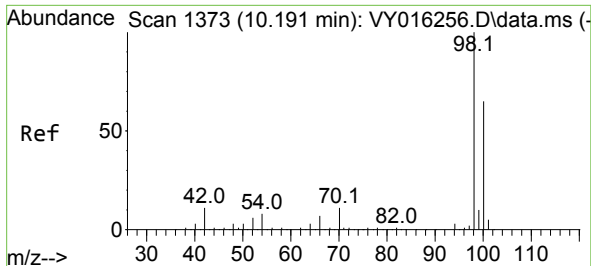


#38
Carbon Tetrachloride
Concen: 5.333 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42



Tgt Ion:117 Resp: 9703
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#

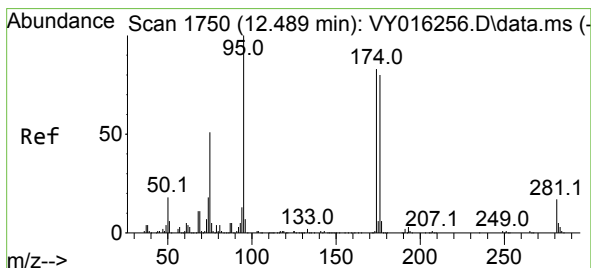
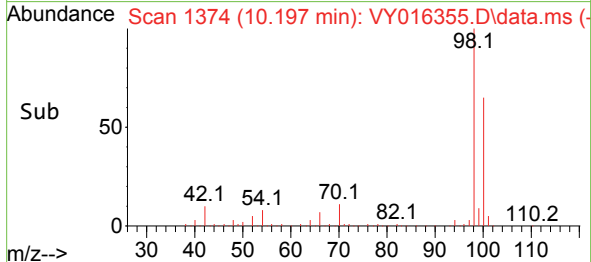
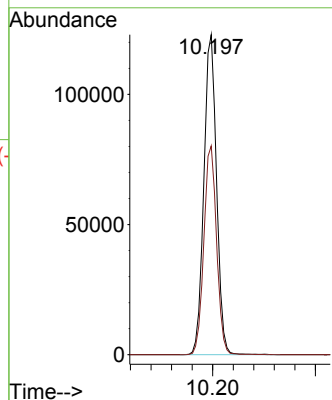
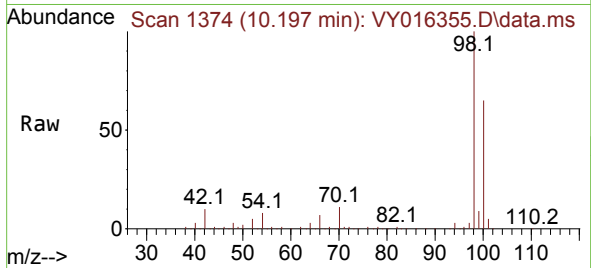




#50
Toluene-d8
Concen: 51.248 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

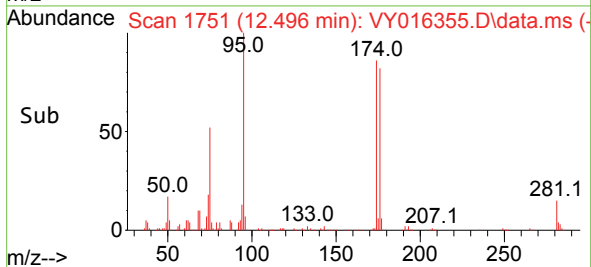
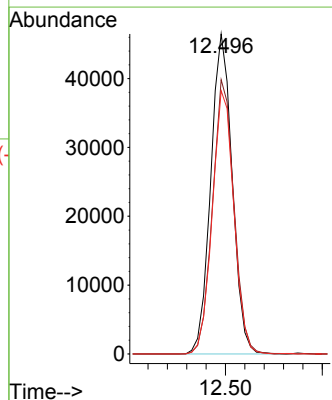
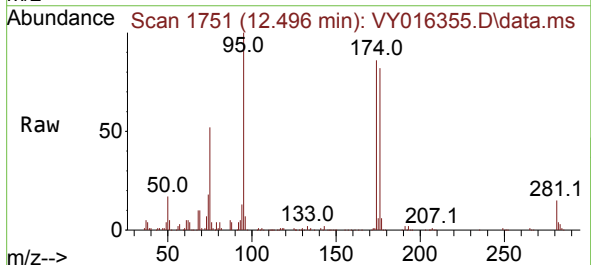
Instrument :
MSVOA_Y
ClientSampleId :

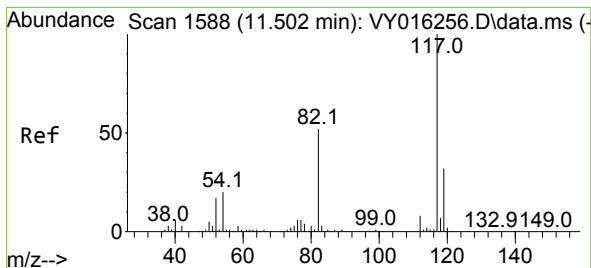
Tgt Ion: 98 Resp: 209802
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.728 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion: 95 Resp: 71438
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.9 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: VY016355.D

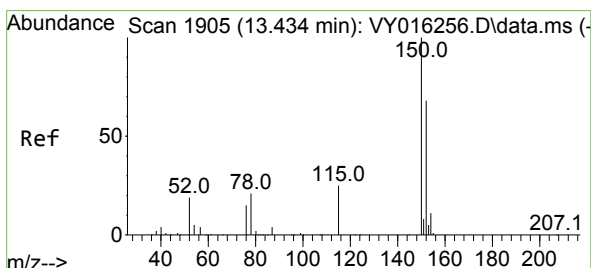
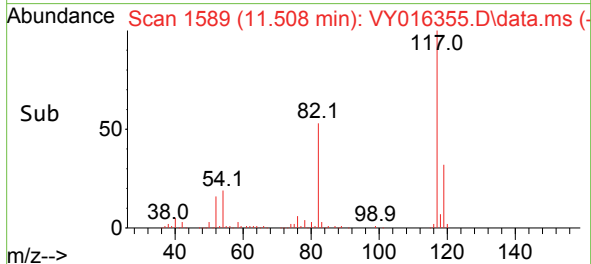
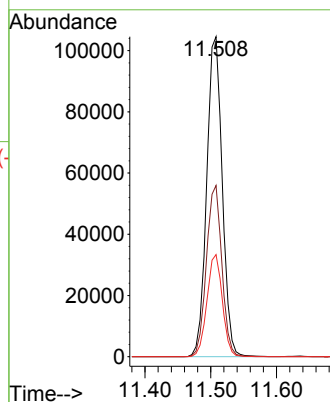
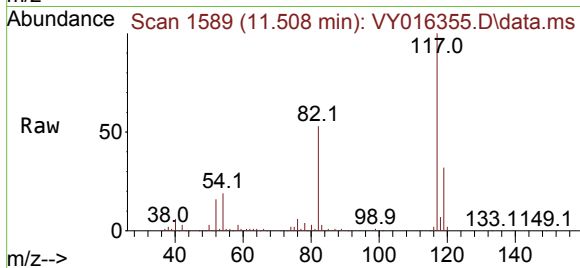
Acq: 15 Nov 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	171912
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.0
119	31.9	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

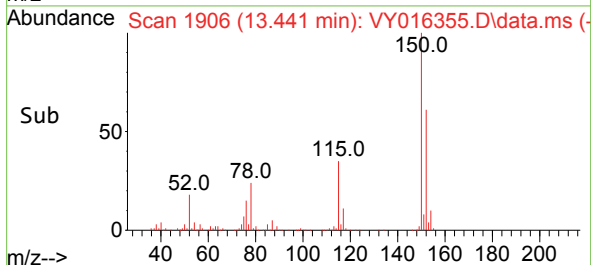
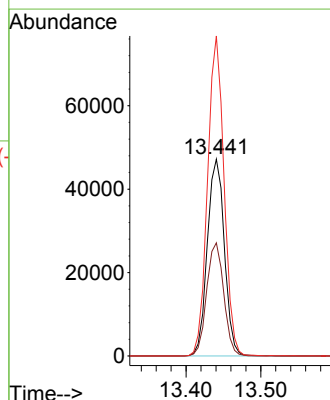
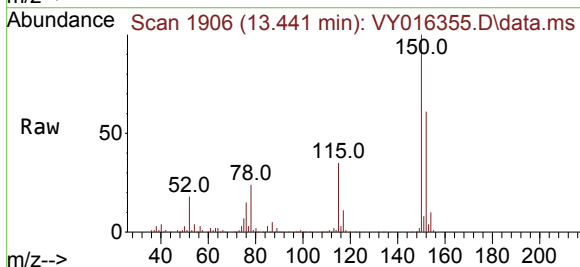
RT: 13.441 min Scan# 1906

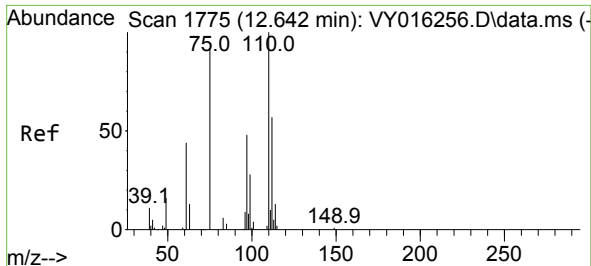
Delta R.T. 0.006 min

Lab File: VY016355.D

Acq: 15 Nov 2023 09:42

Tgt Ion:	152	Resp:	74866
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.8	86.5
150	156.6	0.0	348.8

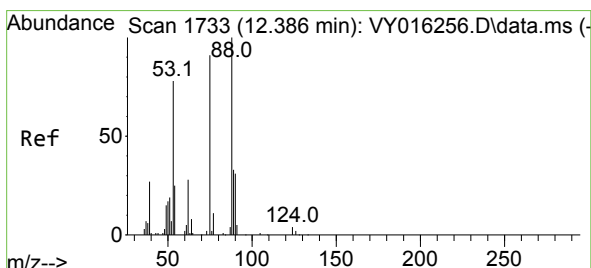
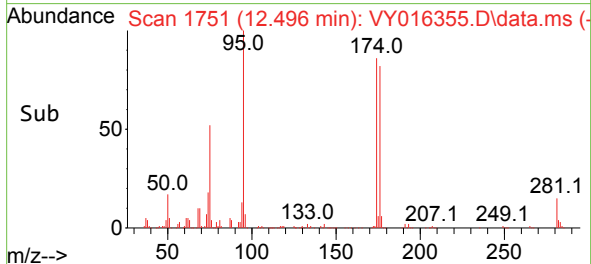
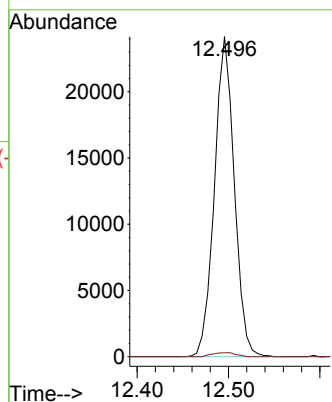
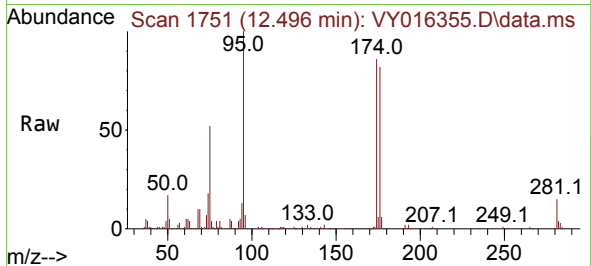




#76
1,2,3-Trichloropropane
Concen: 50.677 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36395
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.998 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016355.D
Acq: 15 Nov 2023 09:42

Tgt Ion: 75 Resp: 36395
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

