

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016345.D
 Acq On : 14 Nov 2023 13:44
 Operator : SY/MD
 Sample : 05384-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 19:02:52 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)

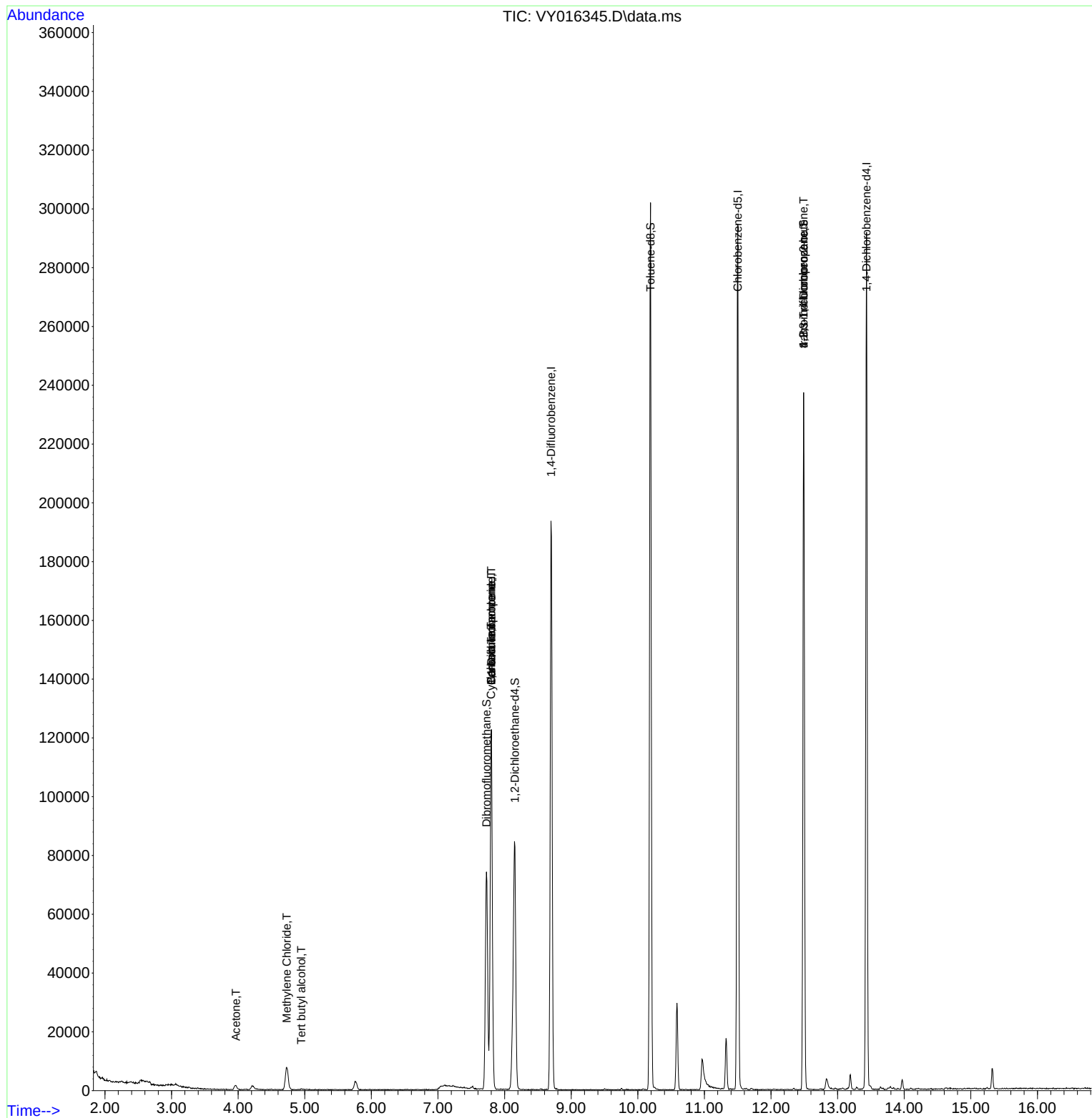
Internal Standards						
1) Pentafluorobenzene	7.801	168	96350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	167121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60975	69.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.480%	
35) Dibromofluoromethane	7.728	113	54191	55.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.840%	
50) Toluene-d8	10.191	98	201143	51.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.489	95	69216	54.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	207	3.002	ug/l #	89
16) Acetone	3.966	43	2582	17.726	ug/l #	89
20) Methylene Chloride	4.729	84	6186	2.720	ug/l	91
31) Cyclohexane	7.795	56	1793	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7364	4.376	ug/l #	48
38) Carbon Tetrachloride	7.801	117	9499	5.439	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	36028	49.969	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36028	108.461	ug/l #	11

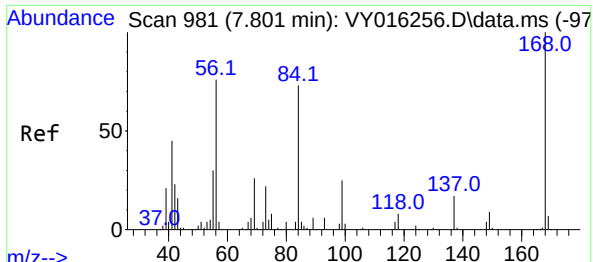
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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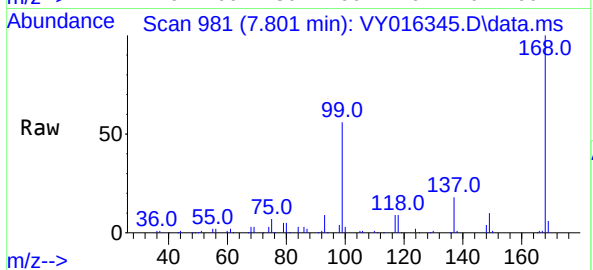
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



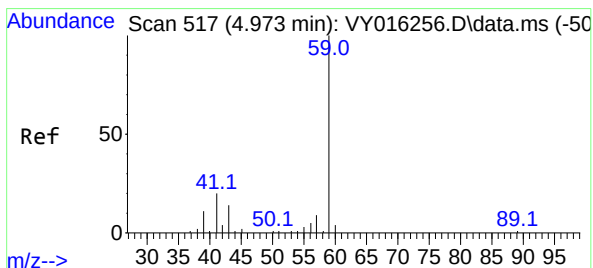
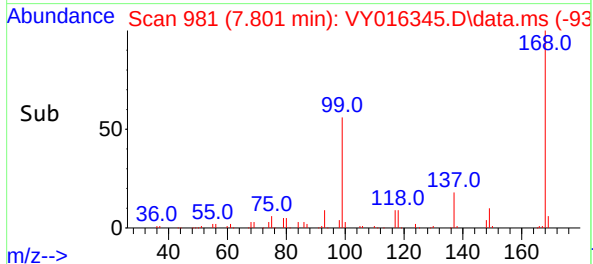
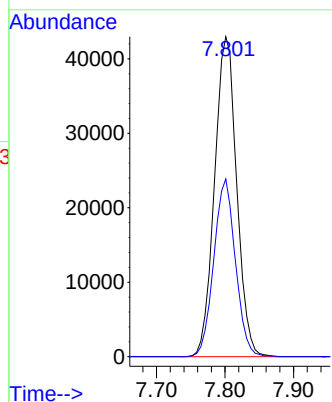


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Instrument :
MSVOA_Y
ClientSampleId :

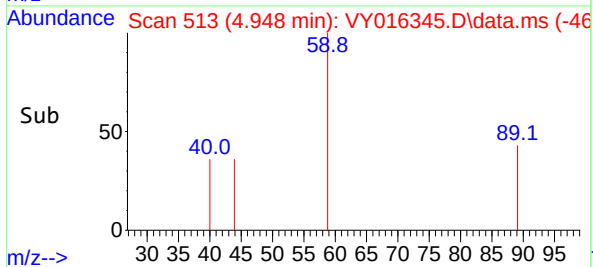
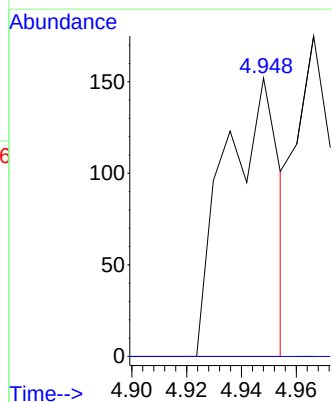
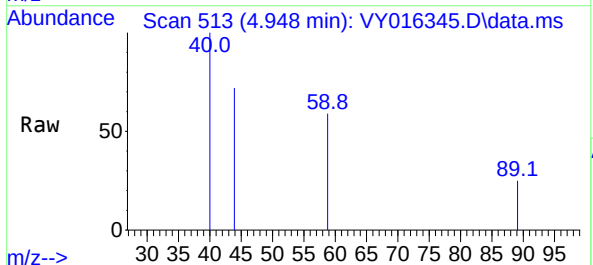


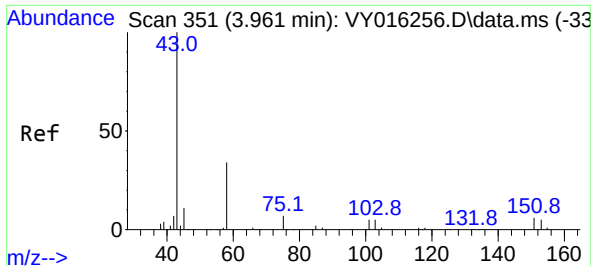
Tgt Ion:168 Resp: 96350
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.002 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

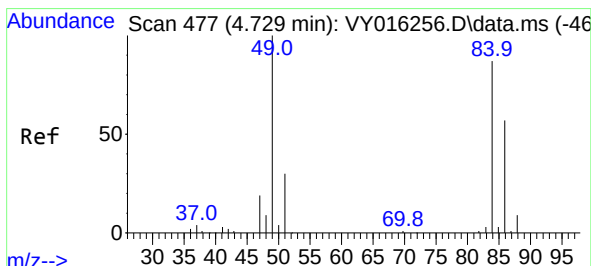
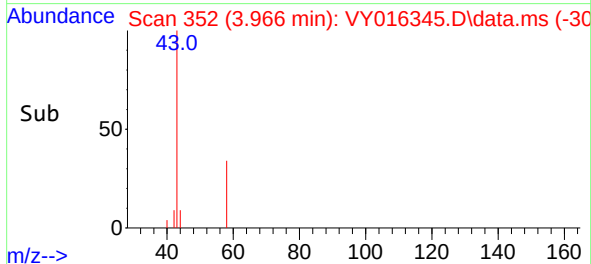
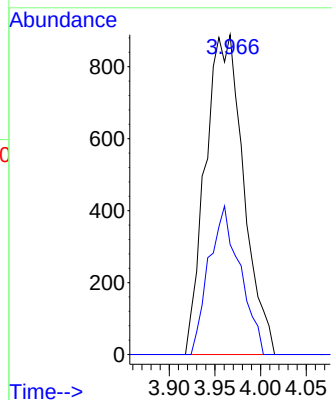
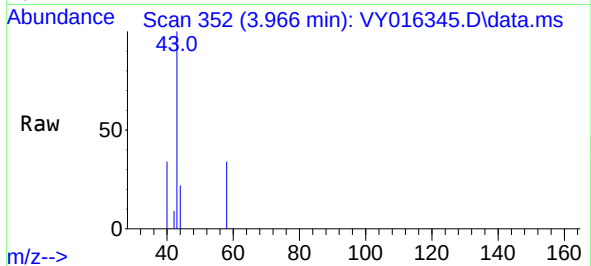




#16
Acetone
Concen: 17.726 ug/l
RT: 3.966 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

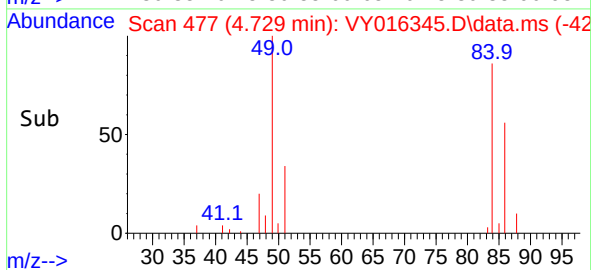
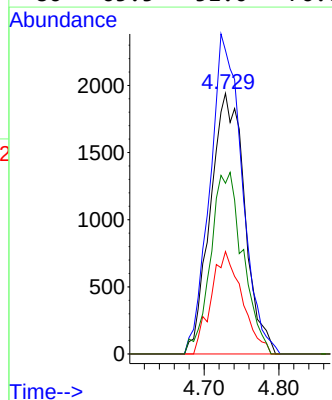
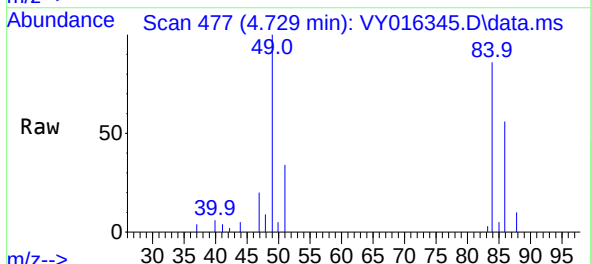
Instrument :
MSVOA_Y
ClientSampleId :

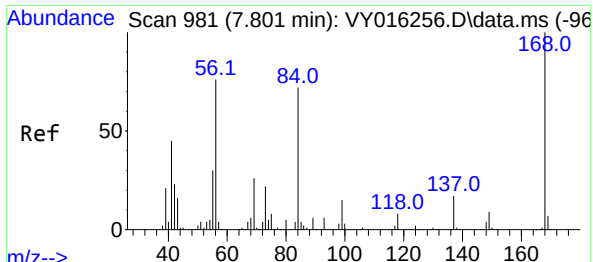
Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#



#20
Methylene Chloride
Concen: 2.720 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

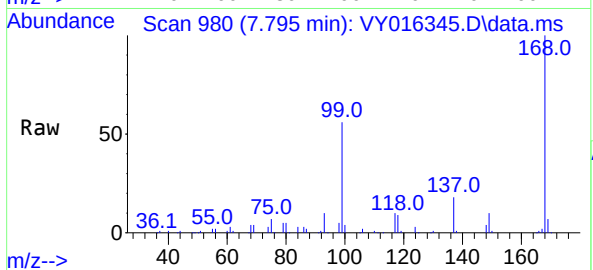
Tgt Ion: 84 Resp: 6186
Ion Ratio Lower Upper
84 100
49 116.4 106.9 160.3
51 39.3 33.2 49.8
86 65.5 51.0 76.6



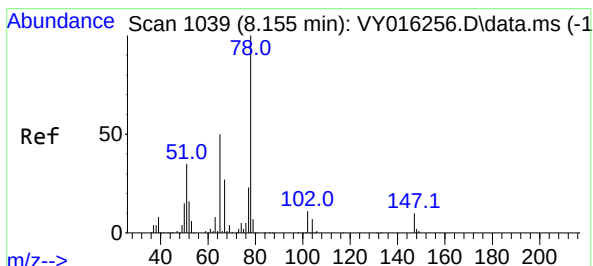
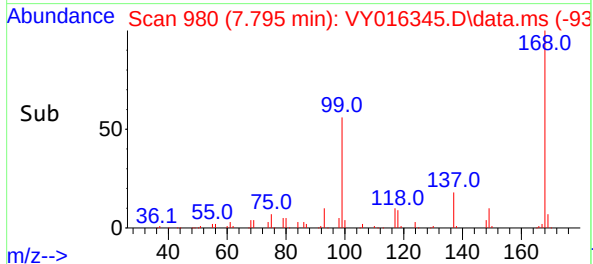
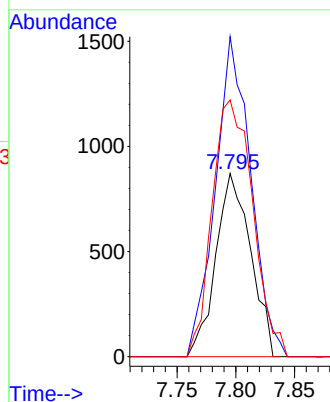


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Instrument :
MSVOA_Y
ClientSampleId :

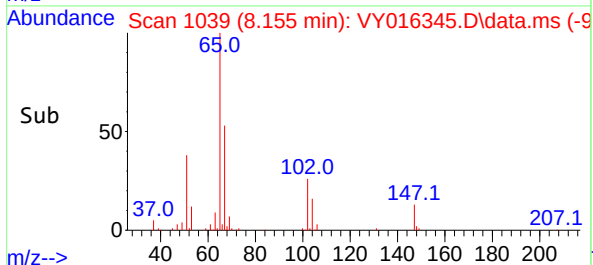
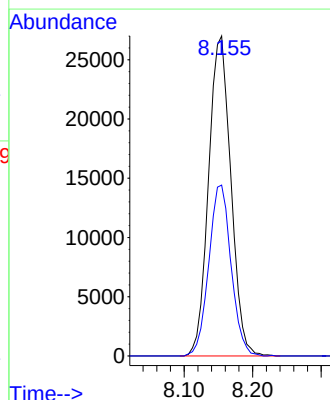
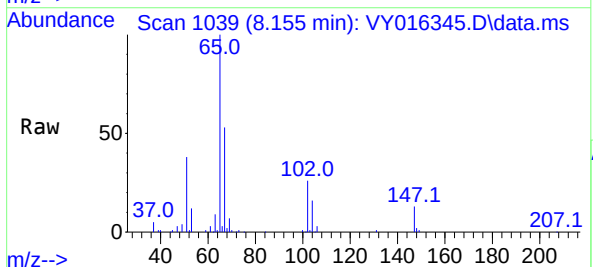


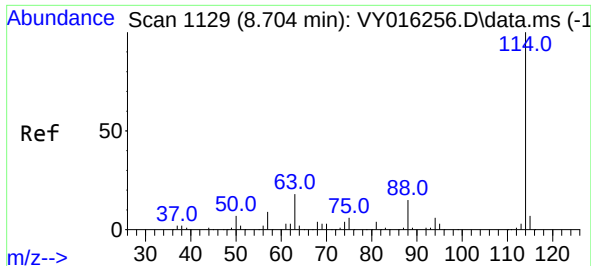
Tgt Ion: 56 Resp: 1793
Ion Ratio Lower Upper
56 100
69 174.7 27.8 41.6#
84 140.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.242 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Tgt Ion: 65 Resp: 60975
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

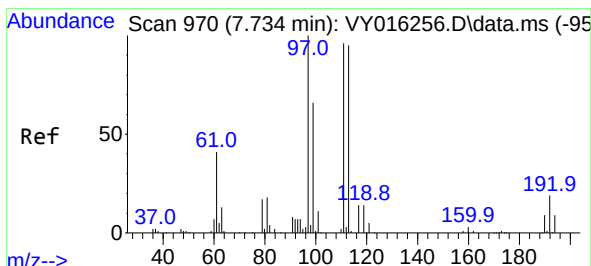
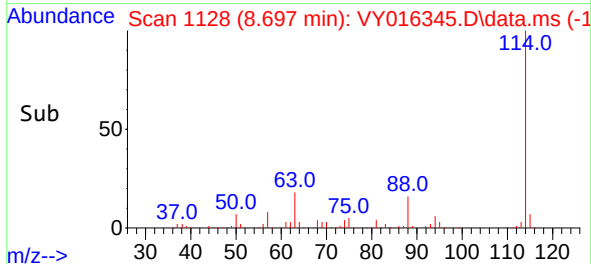
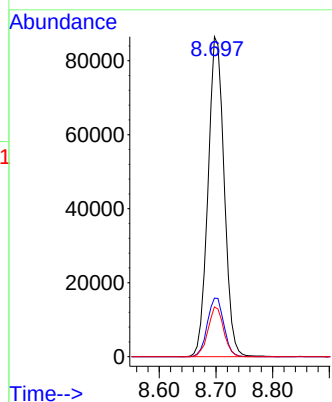
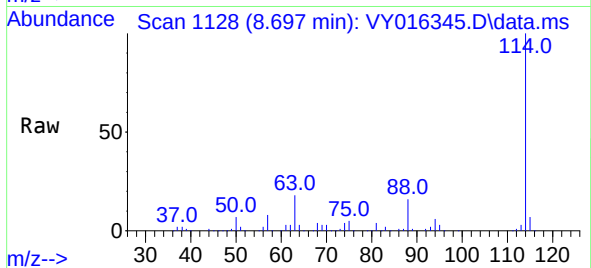




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

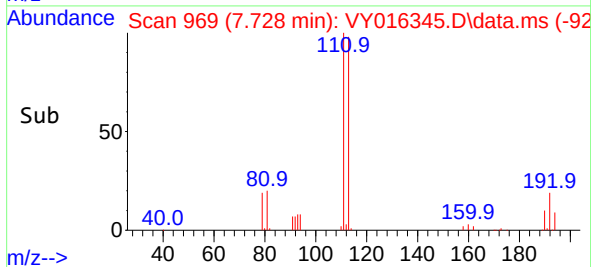
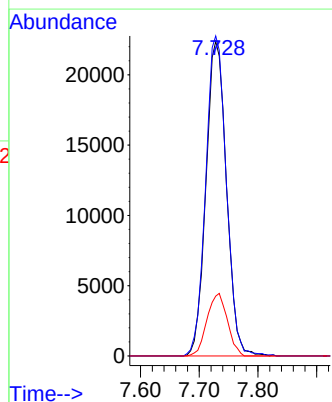
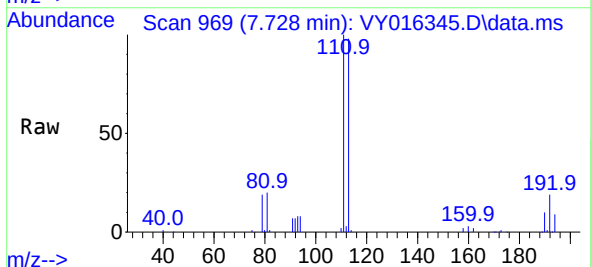
Instrument :
MSVOA_Y
ClientSampleId :

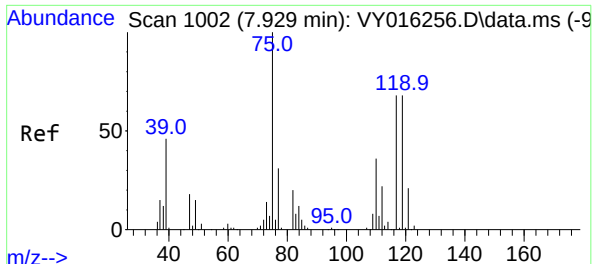
Tgt Ion:114 Resp: 170588
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.922 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Tgt Ion:113 Resp: 54191
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.376 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

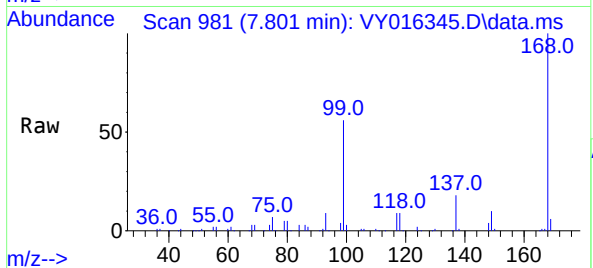
Lab File: VY016345.D

Acq: 14 Nov 2023 13:44

Instrument :

MSVOA_Y

ClientSampleId :



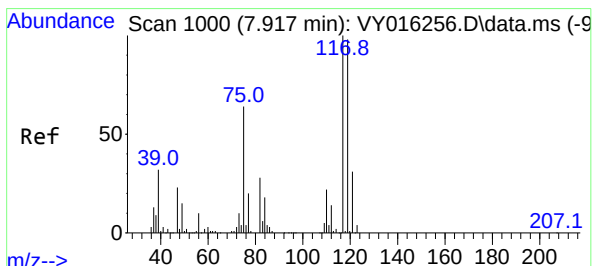
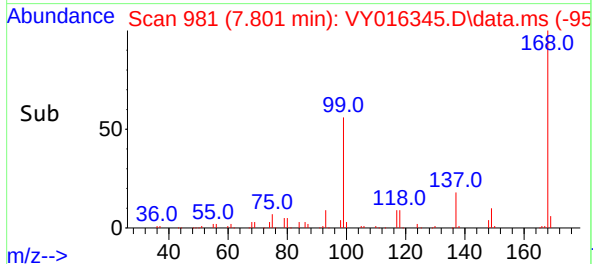
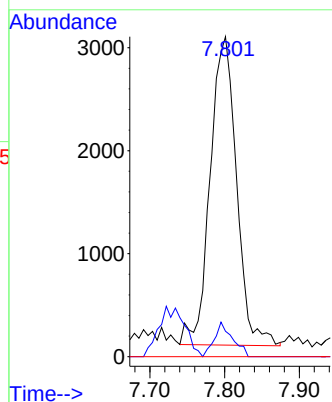
Tgt Ion: 75 Resp: 7364

Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.439 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY016345.D

Acq: 14 Nov 2023 13:44

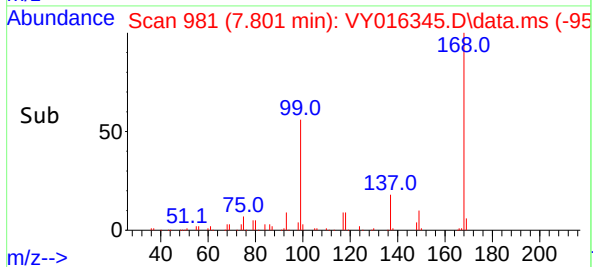
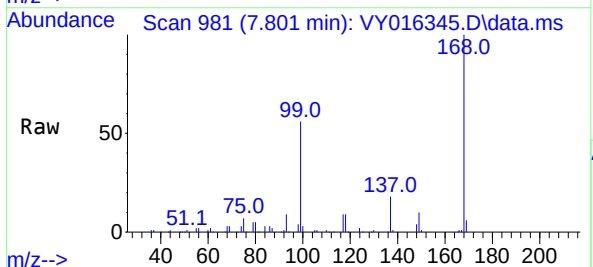
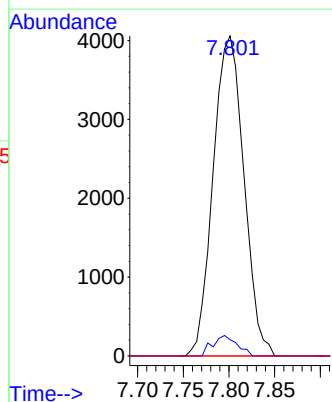
Tgt Ion: 117 Resp: 9499

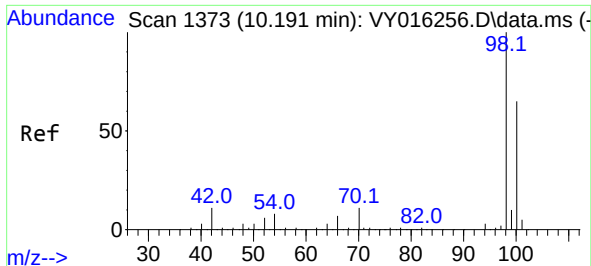
Ion Ratio Lower Upper

117 100

119 5.0 76.4 114.6#

121 0.0 25.8 38.6#

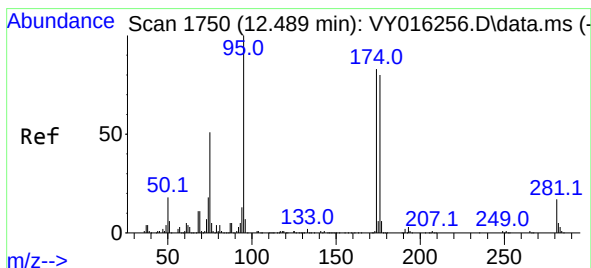
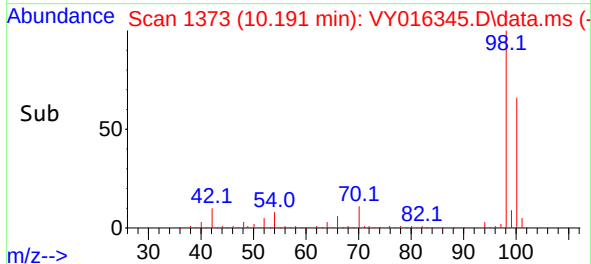
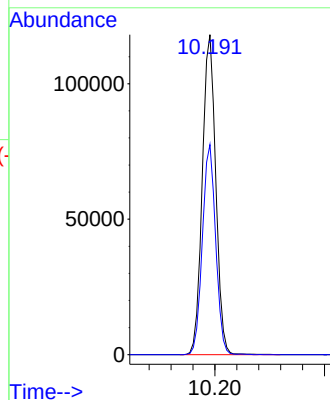
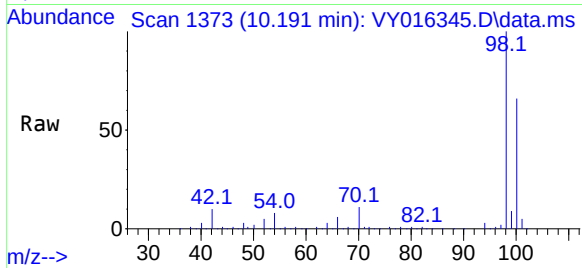




#50
Toluene-d8
Concen: 51.185 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

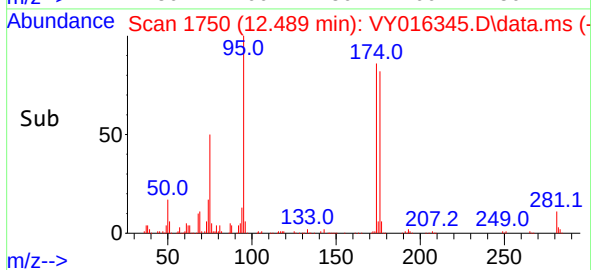
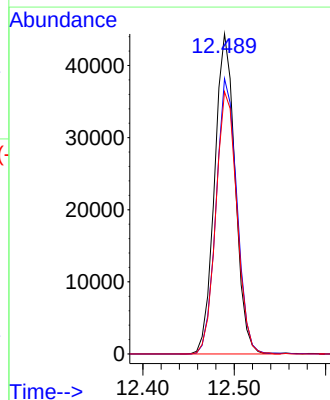
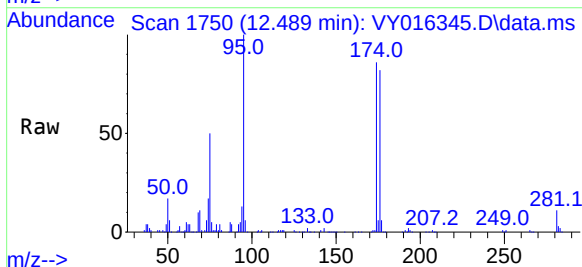
Instrument :
MSVOA_Y
ClientSampleId :

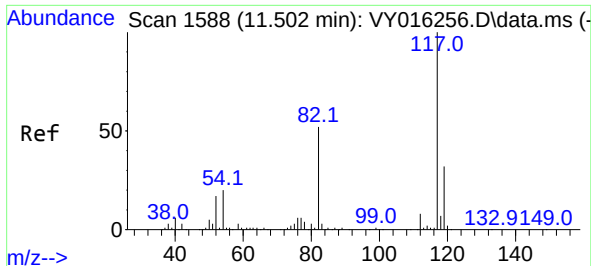
Tgt Ion: 98 Resp: 201143
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.232 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Tgt Ion: 95 Resp: 69216
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 83.9 0.0 173.8

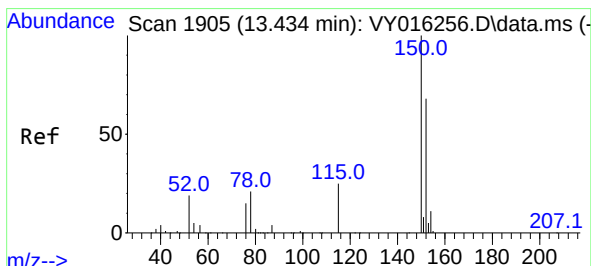
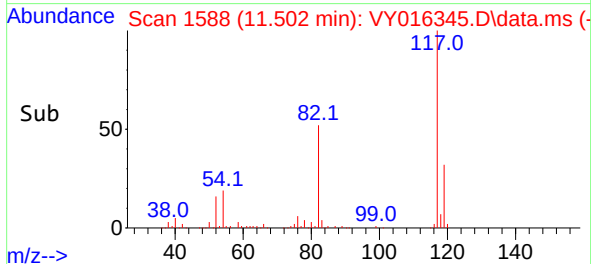
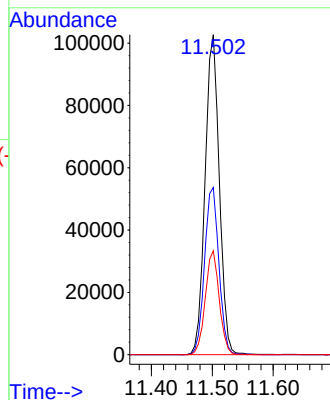
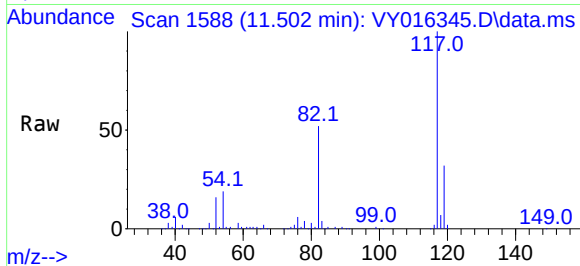




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

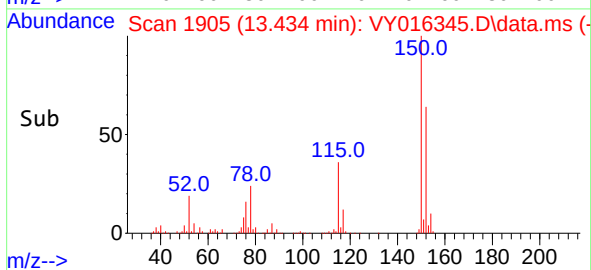
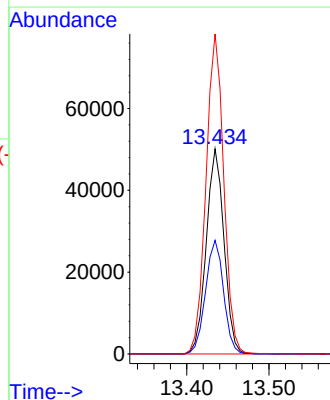
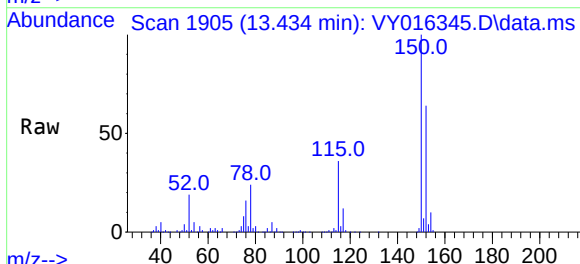
Instrument :
MSVOA_Y
ClientSampleId :

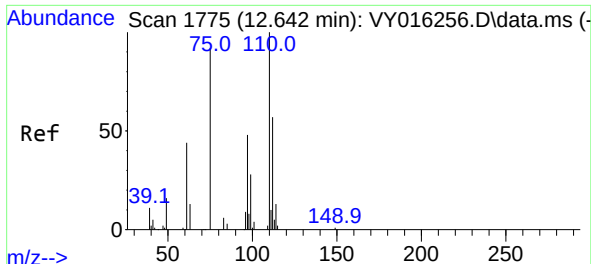
Tgt Ion:117 Resp: 167121
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Tgt Ion:152 Resp: 75161
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 156.4 0.0 348.8

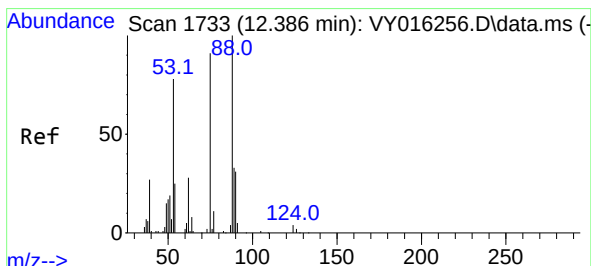
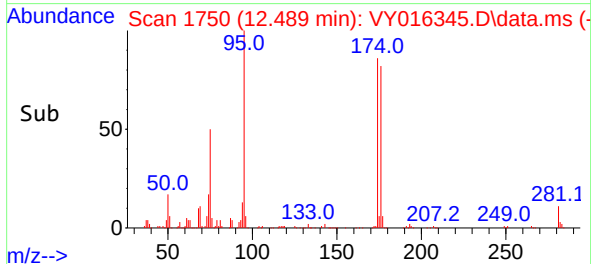
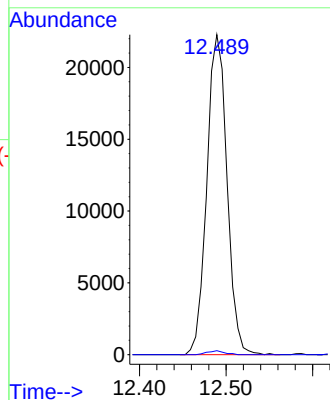
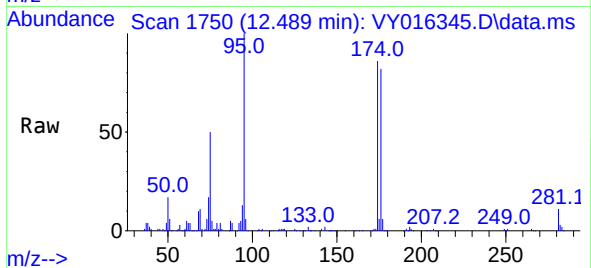




#76
1,2,3-Trichloropropane
Concen: 49.969 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36028
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.461 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016345.D
Acq: 14 Nov 2023 13:44

Tgt Ion: 75 Resp: 36028
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

