

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016492.D
 Acq On : 24 Nov 2023 18:12
 Operator : SY/MD
 Sample : 05434-10
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:49:01 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)

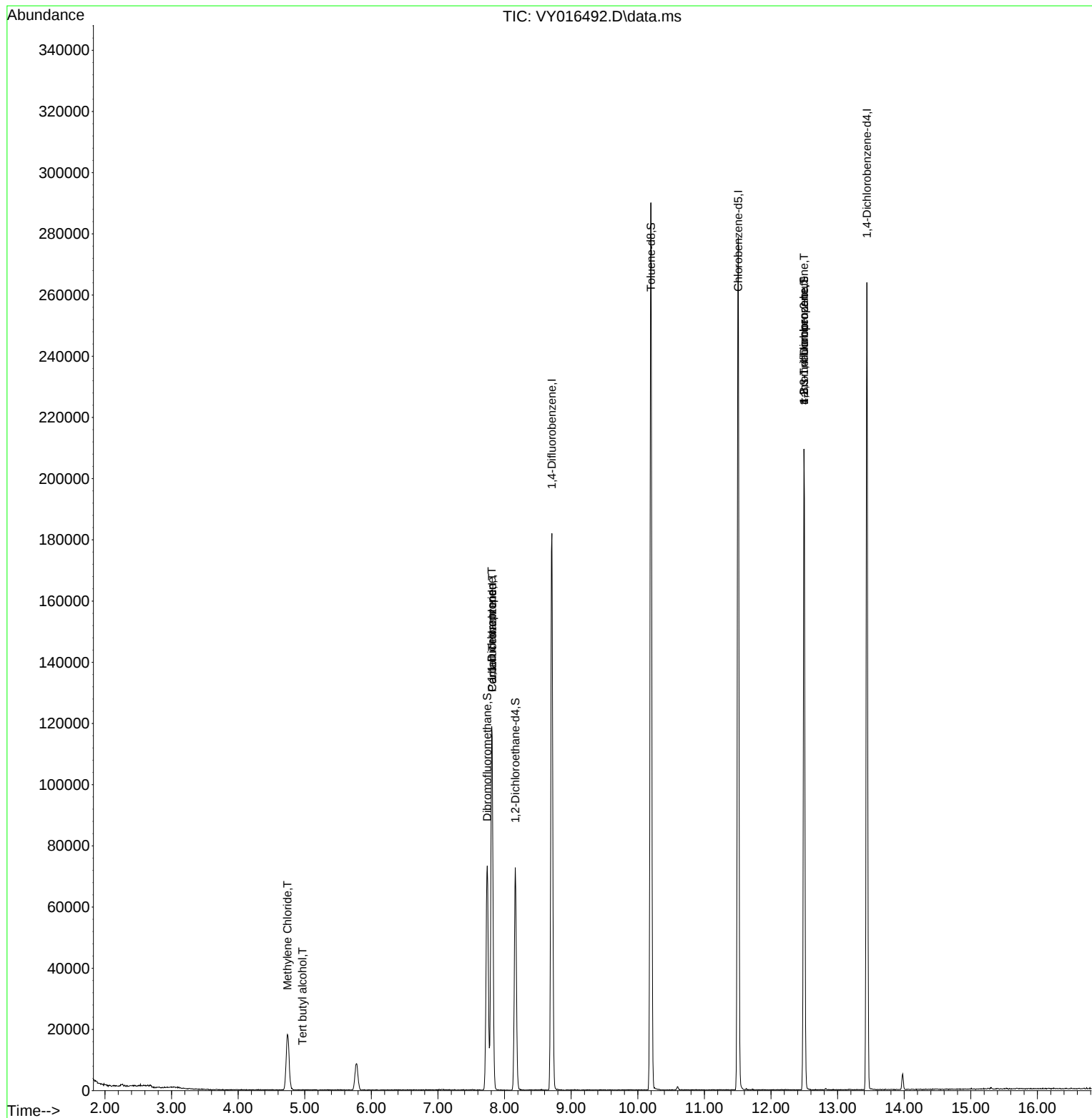
Internal Standards						
1) Pentafluorobenzene	7.813	168	97337	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	169007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	162287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57512	64.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.300%	
35) Dibromofluoromethane	7.740	113	53953	56.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.400%	
50) Toluene-d8	10.197	98	198833	51.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.496	95	65663	51.929	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	134	1.924	ug/l #	89
20) Methylene Chloride	4.741	84	15924	12.723	ug/l #	84
36) 1,1-Dichloropropene	7.807	75	6743	4.045	ug/l #	52
38) Carbon Tetrachloride	7.813	117	9348	5.403	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	32502	47.331	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	32502	102.736	ug/l #	10

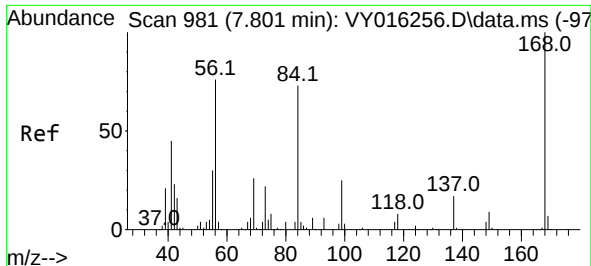
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
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ClientSampleId :

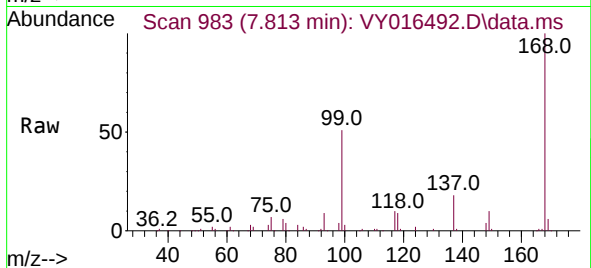
Quant Time: Nov 27 04:49:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
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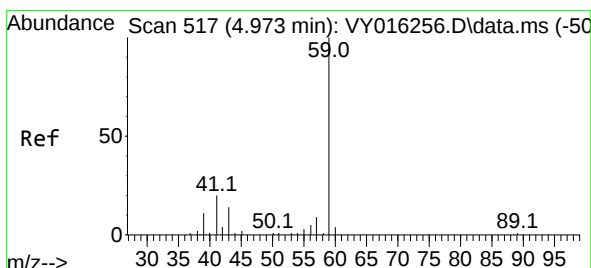
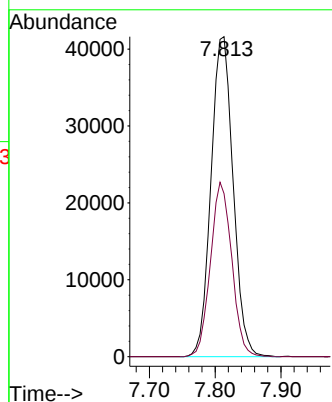
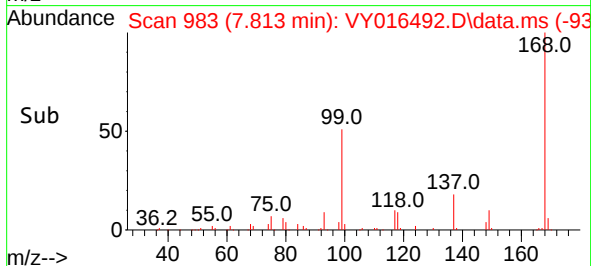


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Instrument :
MSVOA_Y
ClientSampleId :

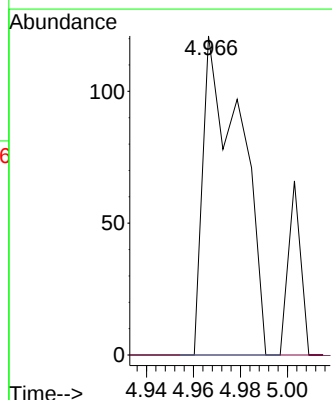
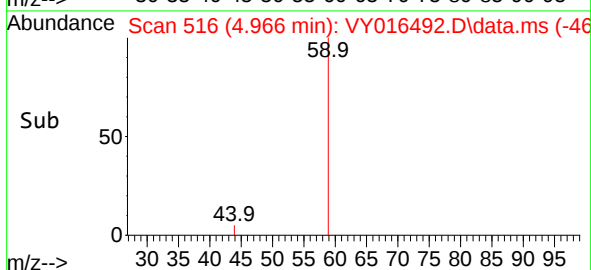
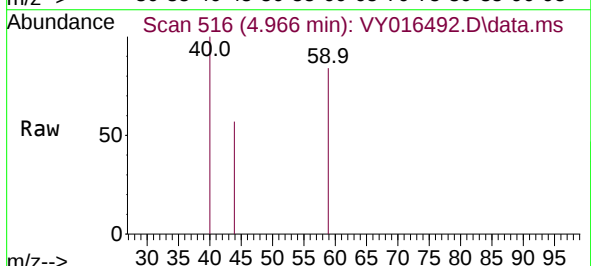


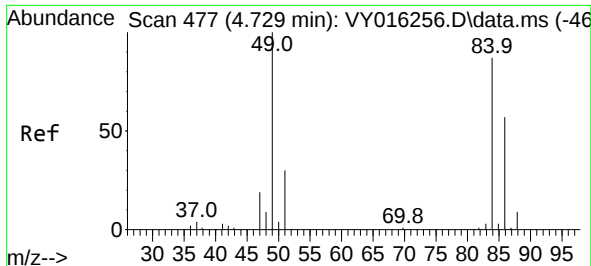
Tgt Ion:168 Resp: 97337
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.924 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

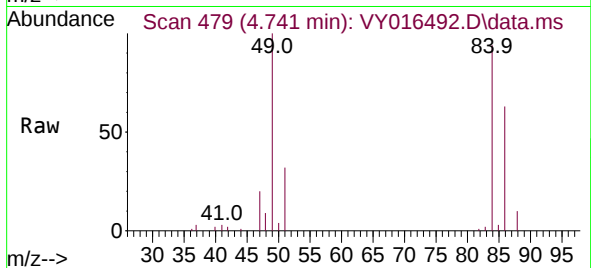
Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



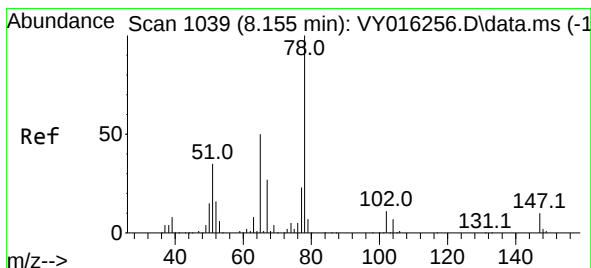
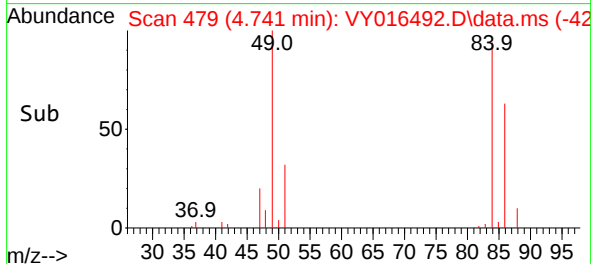
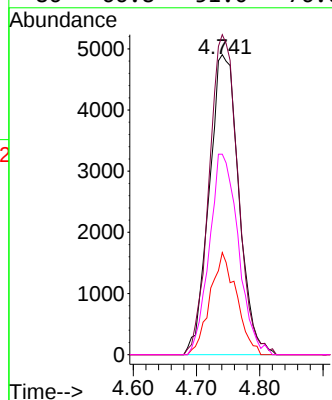


#20
Methylene Chloride
Concen: 12.723 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Instrument :
MSVOA_Y
ClientSampleId :

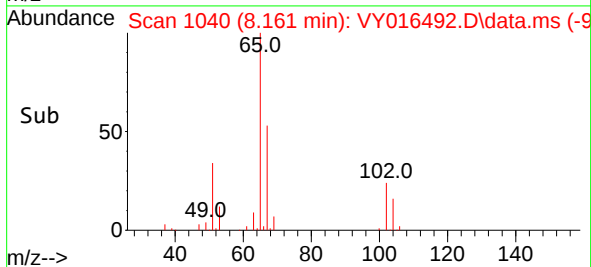
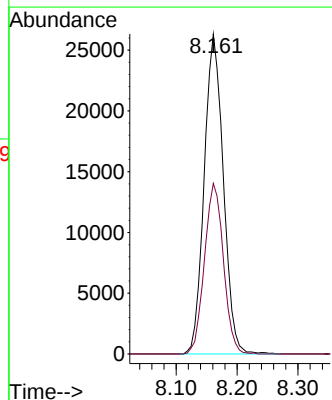
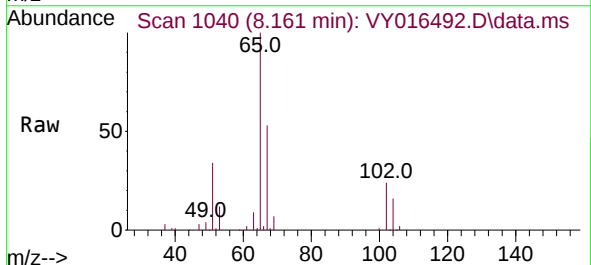


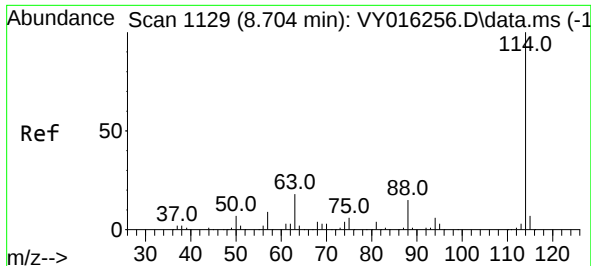
Tgt Ion: 84 Resp: 15924
Ion Ratio Lower Upper
84 100
49 106.6 106.9 160.3#
51 34.0 33.2 49.8
86 66.8 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 64.648 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Tgt Ion: 65 Resp: 57512
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

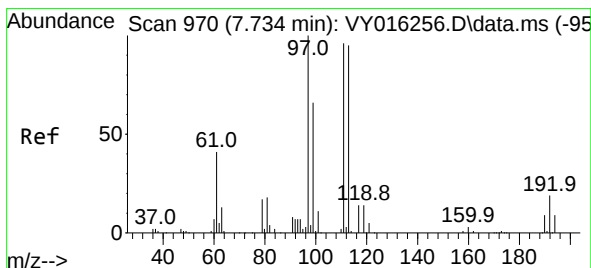
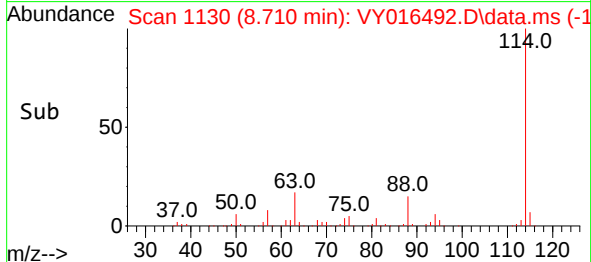
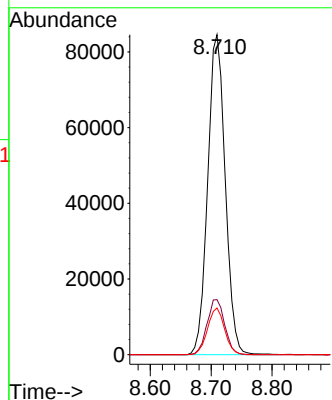
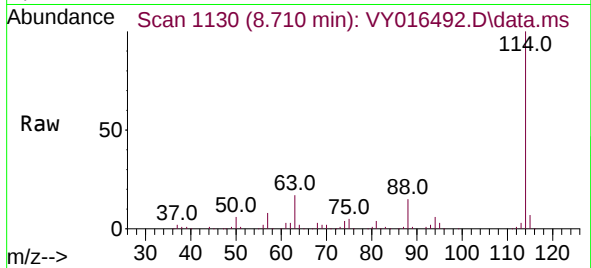




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

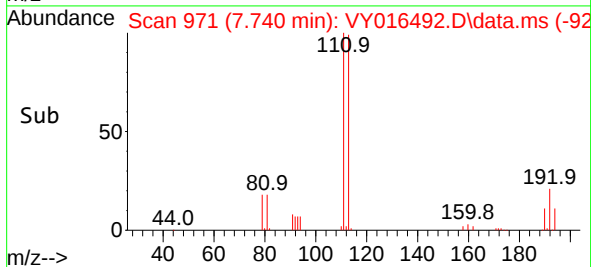
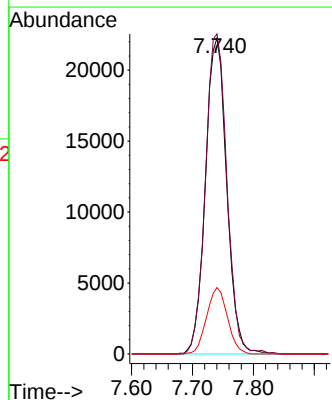
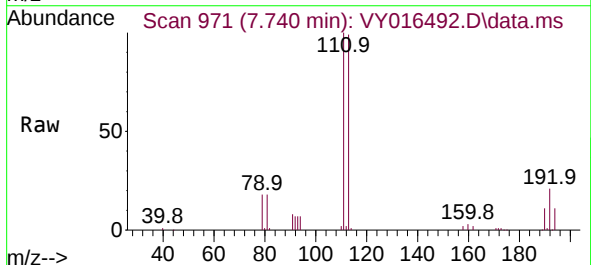
Instrument :
MSVOA_Y
ClientSampleId :

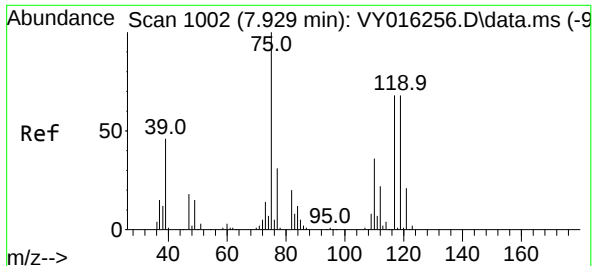
Tgt Ion:114 Resp: 169007
Ion Ratio Lower Upper
114 100
63 17.2 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.197 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Tgt Ion:113 Resp: 53953
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.045 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY016492.D

Acq: 24 Nov 2023 18:12

Instrument :

MSVOA_Y

ClientSampleId :

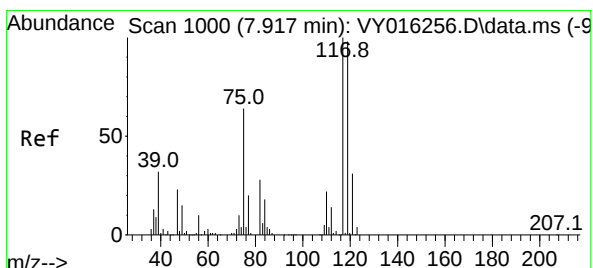
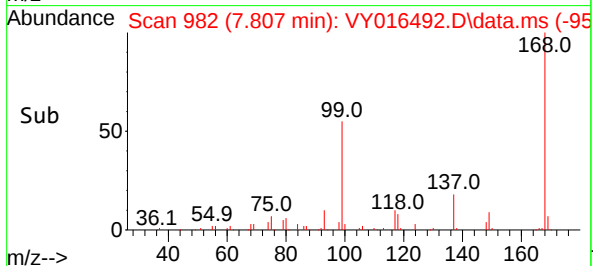
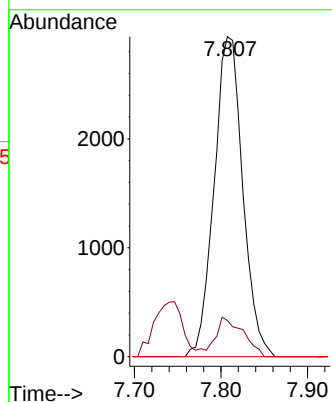
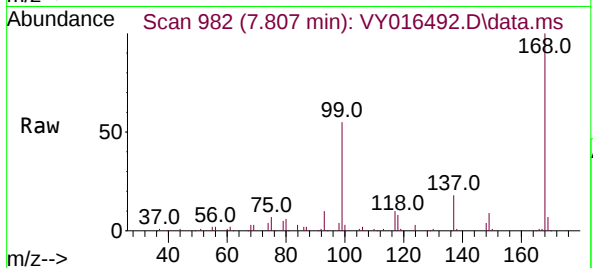
Tgt Ion: 75 Resp: 6743

Ion Ratio Lower Upper

75 100

110 11.5 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.403 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016492.D

Acq: 24 Nov 2023 18:12

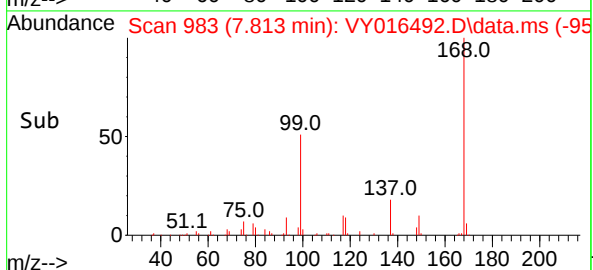
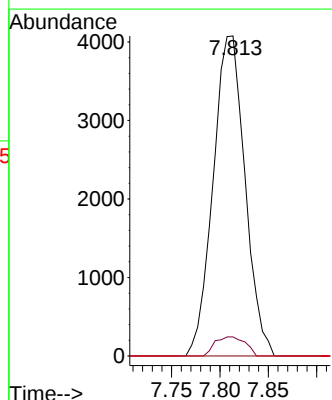
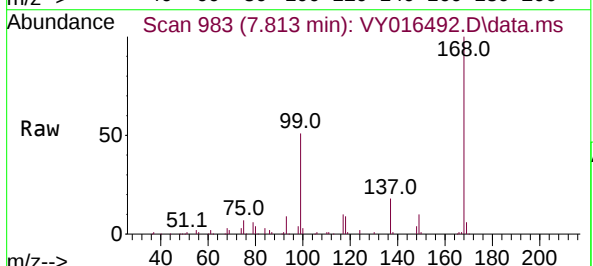
Tgt Ion: 117 Resp: 9348

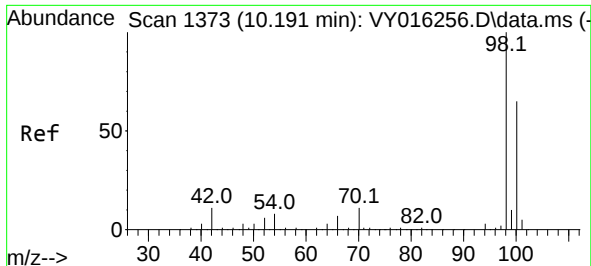
Ion Ratio Lower Upper

117 100

119 5.9 76.4 114.6#

121 0.0 25.8 38.6#

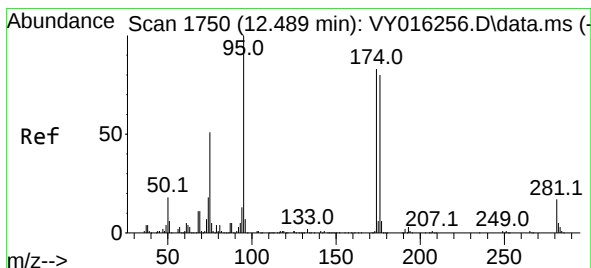
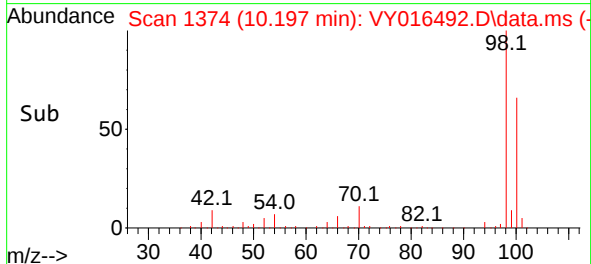
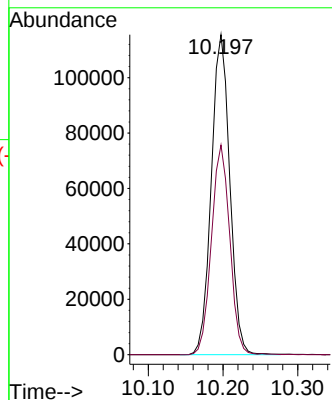
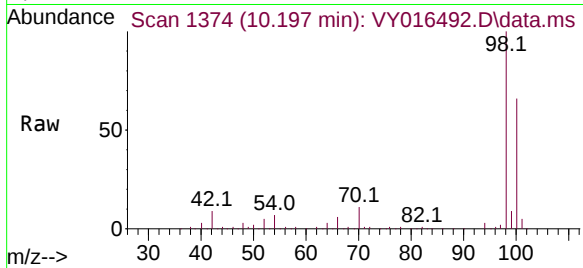




#50
Toluene-d8
Concen: 51.071 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

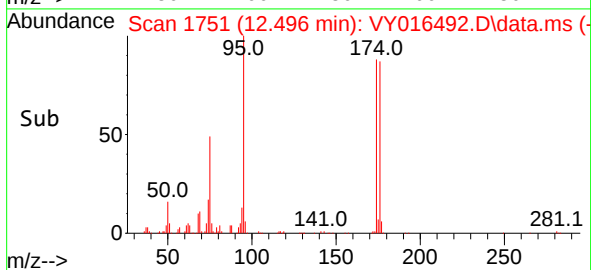
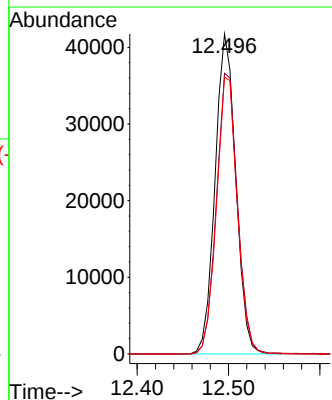
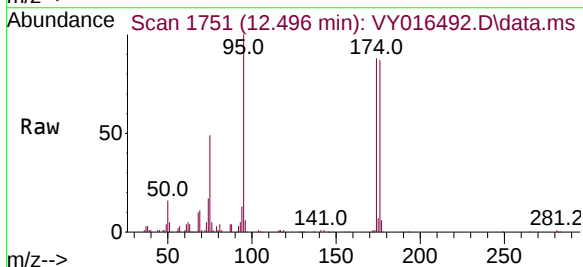
Instrument :
MSVOA_Y
ClientSampleId :

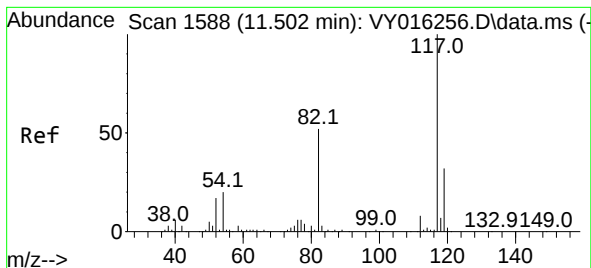
Tgt Ion: 98 Resp: 198833
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.929 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Tgt Ion: 95 Resp: 65663
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 87.2 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: VY016492.D

Acq: 24 Nov 2023 18:12

Instrument :

MSVOA_Y

ClientSampleId :

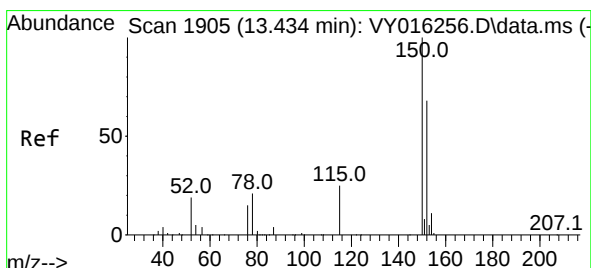
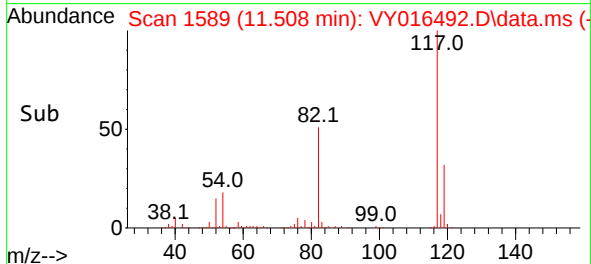
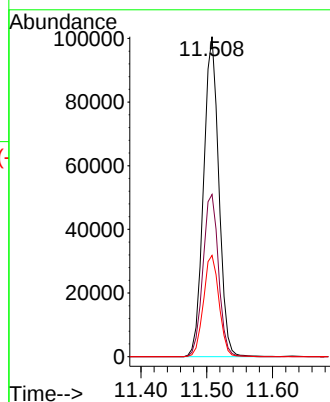
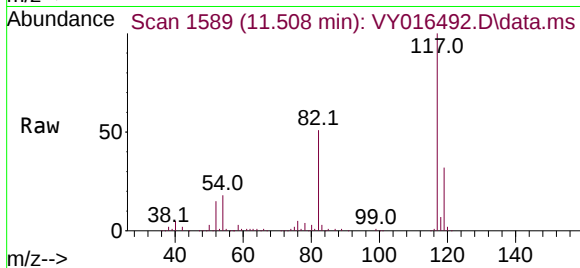
Tgt Ion:117 Resp: 162287

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 31.7 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: VY016492.D

Acq: 24 Nov 2023 18:12

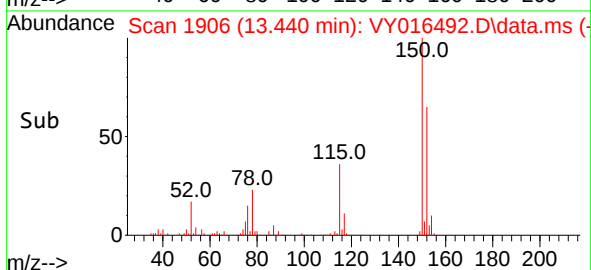
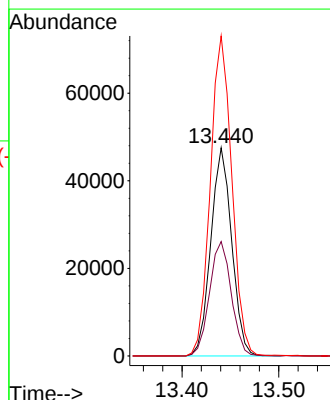
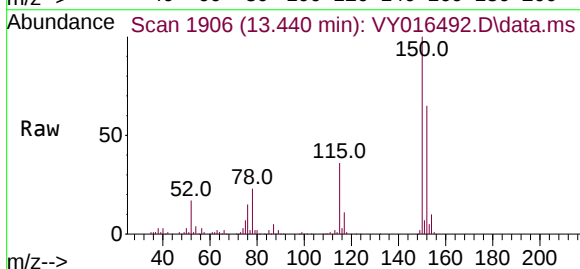
Tgt Ion:152 Resp: 71584

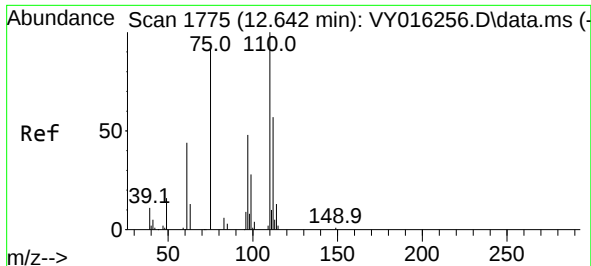
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.9 0.0 348.8

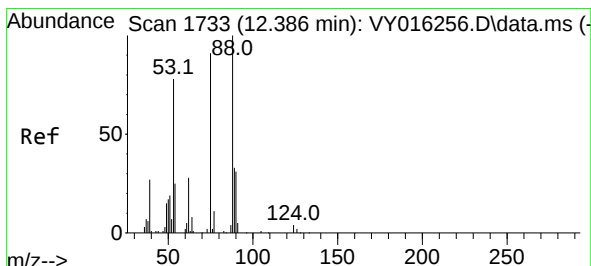
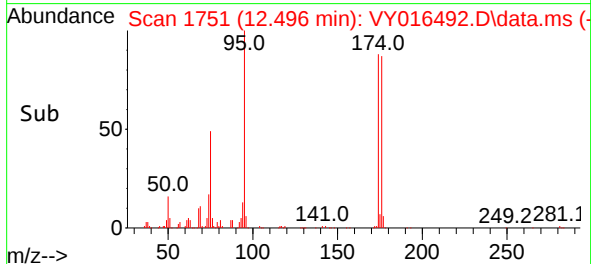
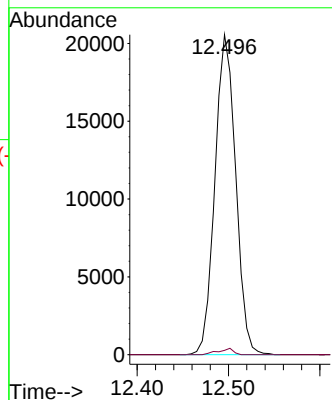
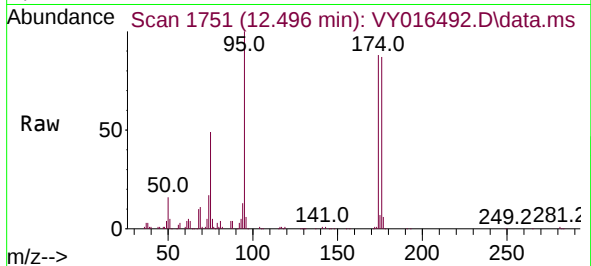




#76
1,2,3-Trichloropropane
Concen: 47.331 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32502
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.736 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016492.D
Acq: 24 Nov 2023 18:12

Tgt Ion: 75 Resp: 32502
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

