

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016481.D
 Acq On : 24 Nov 2023 13:55
 Operator : SY/MD
 Sample : 05540-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:45:29 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)

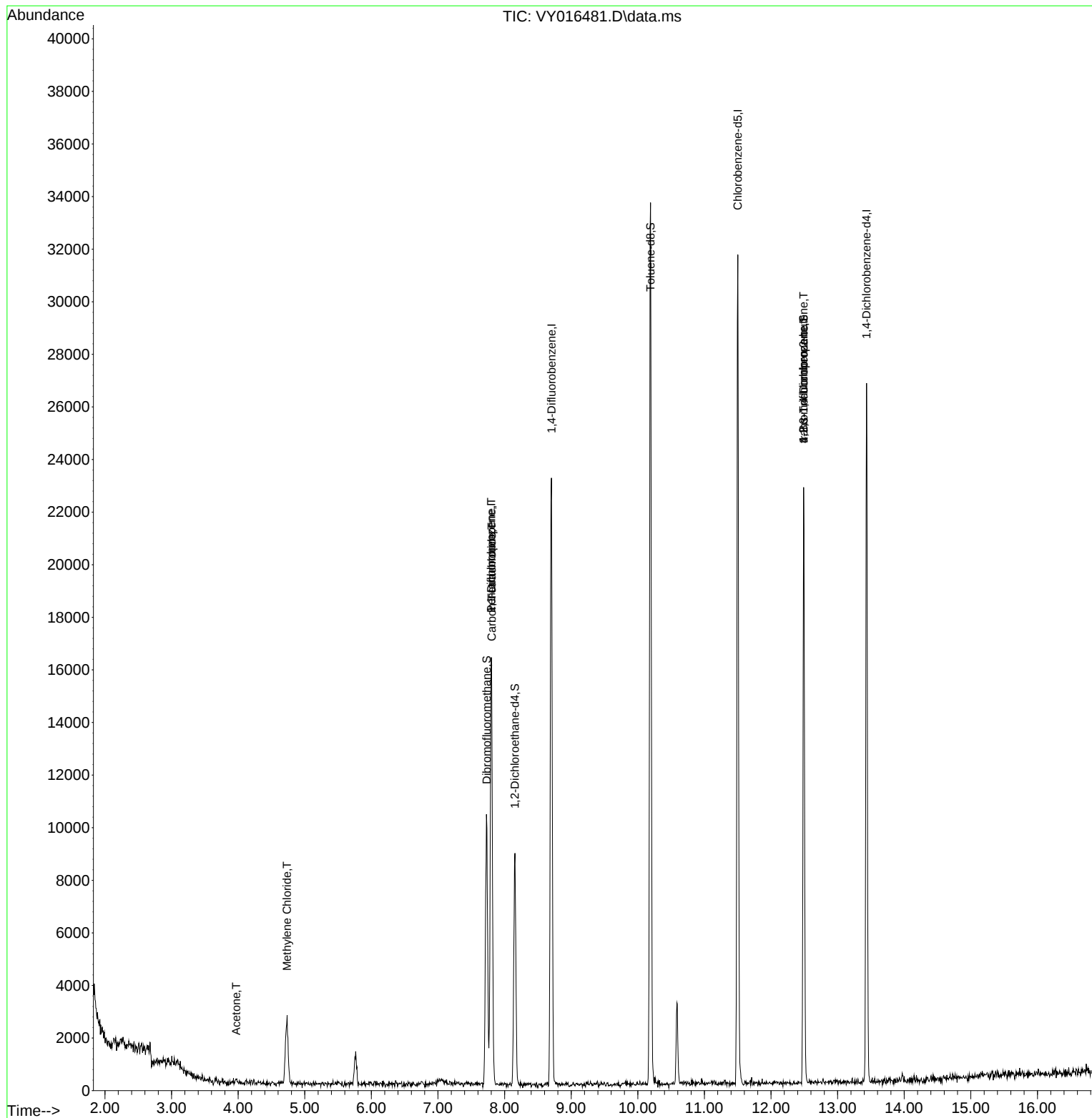
Internal Standards						
1) Pentafluorobenzene	7.801	168	13869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	22094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	18775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7084	55.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.734	113	7418	59.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.200%
50) Toluene-d8	10.191	98	24532	48.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.489	95	6900	41.742	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.480%
Target Compounds						
						Qvalue
16) Acetone	3.972	43	161	7.679	ug/l #	46
20) Methylene Chloride	4.735	84	2005	10.808	ug/l	87
36) 1,1-Dichloropropene	7.801	75	972	4.460	ug/l #	41
38) Carbon Tetrachloride	7.807	117	1422	6.287	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	3434	43.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3434	94.195	ug/l #	10

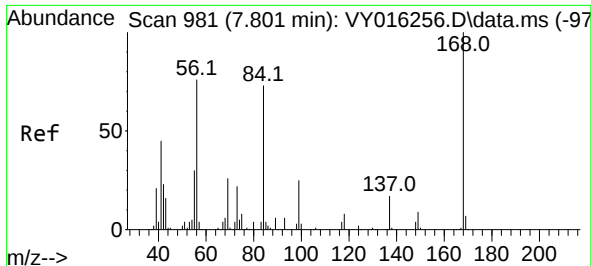
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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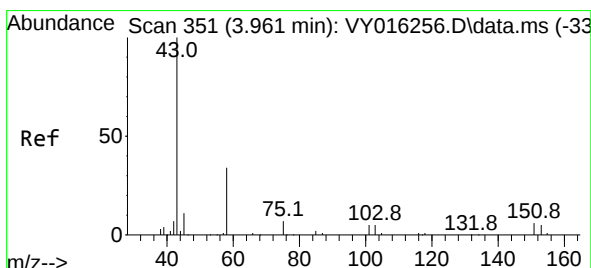
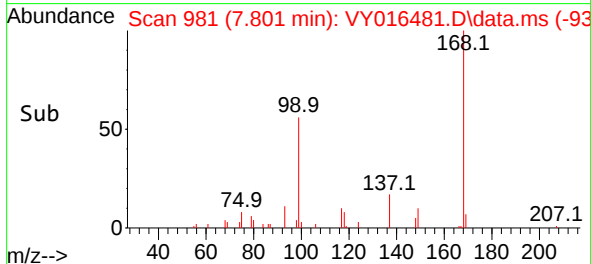
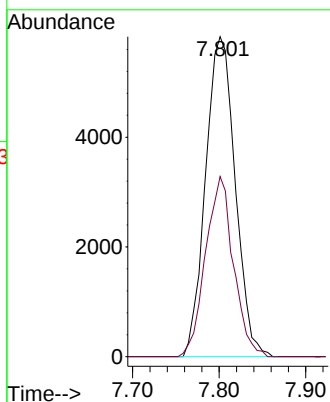
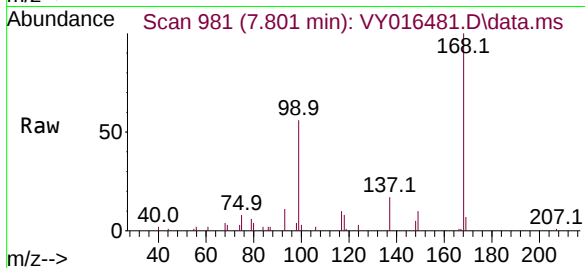




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

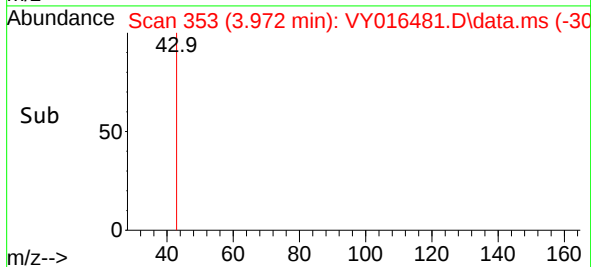
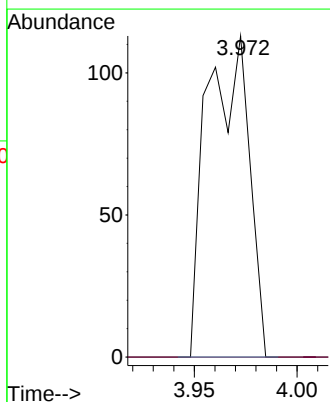
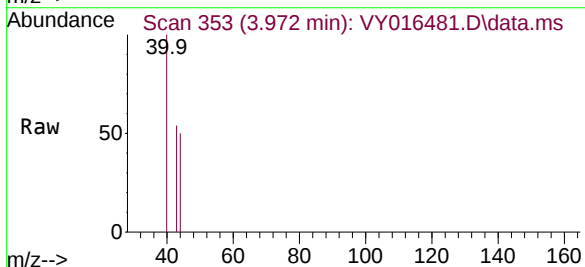
Instrument :
MSVOA_Y
ClientSampleId :

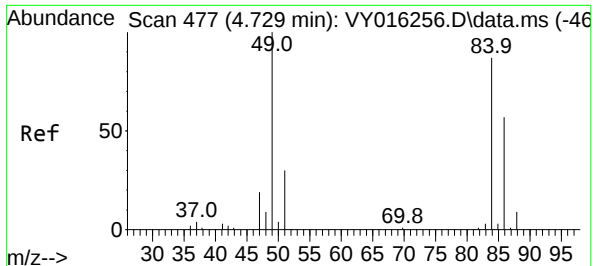
Tgt Ion:168 Resp: 13869
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#16
Acetone
Concen: 7.679 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





#20

Methylene Chloride

Concen: 10.808 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016481.D

Acq: 24 Nov 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 2005

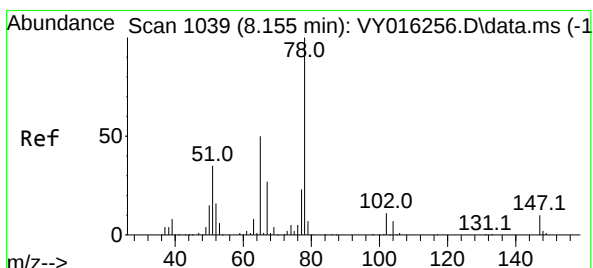
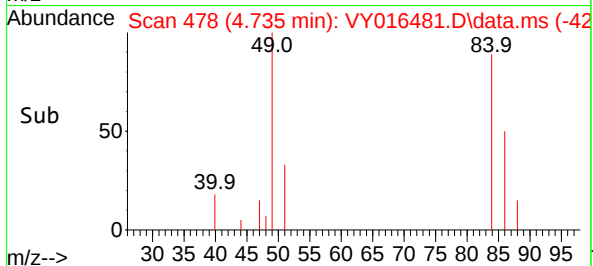
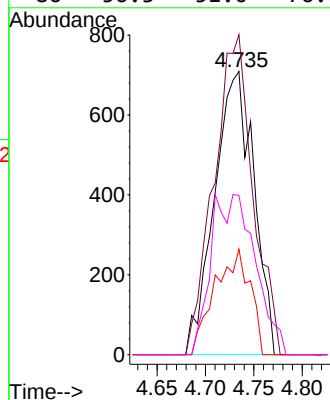
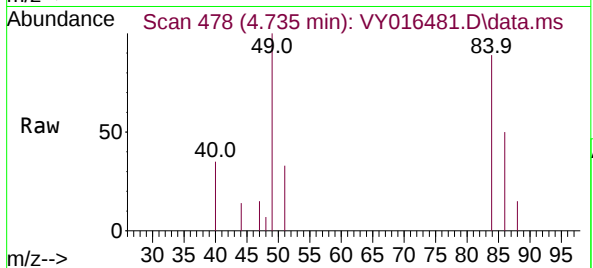
Ion Ratio Lower Upper

84 100

49 113.0 106.9 160.3

51 37.2 33.2 49.8

86 56.3 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 55.886 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016481.D

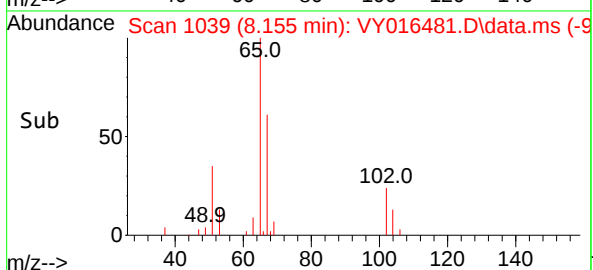
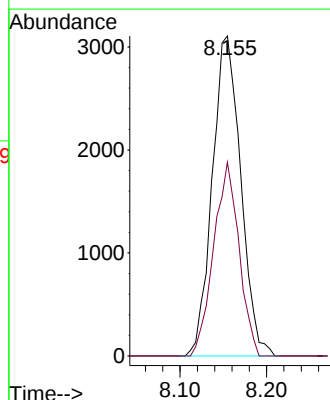
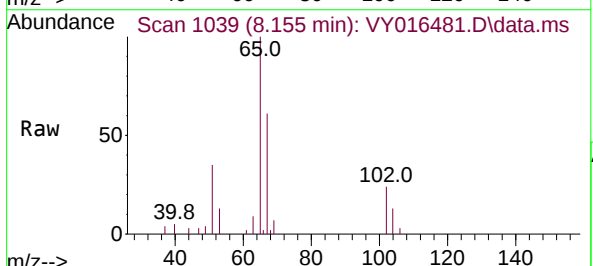
Acq: 24 Nov 2023 13:55

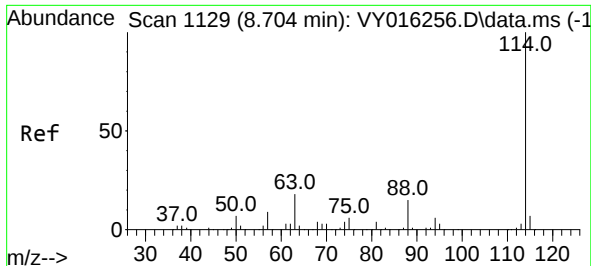
Tgt Ion: 65 Resp: 7084

Ion Ratio Lower Upper

65 100

67 54.0 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: VY016481.D

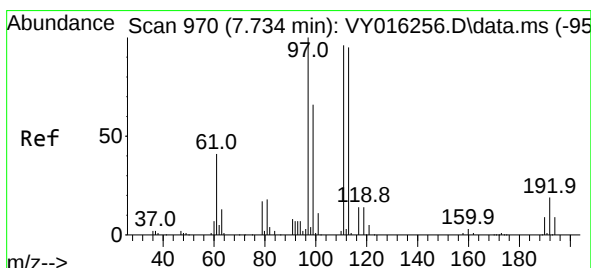
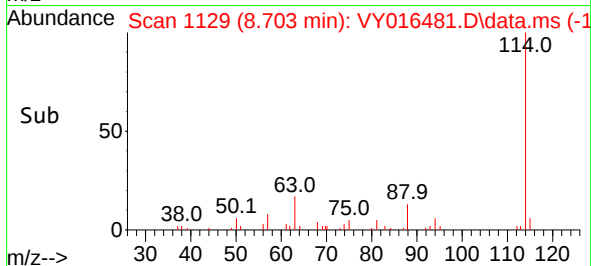
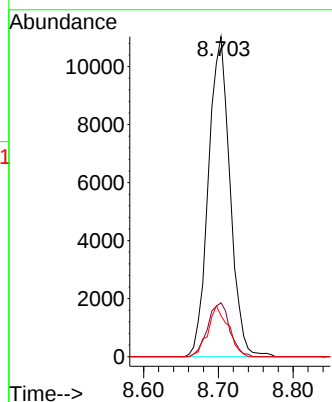
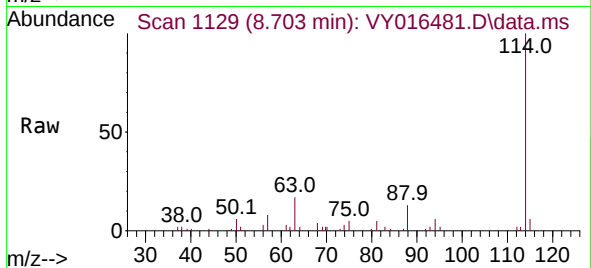
Acq: 24 Nov 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	22094
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	42.4
88	12.9	0.0	30.6



#35

Dibromofluoromethane

Concen: 59.104 ug/l

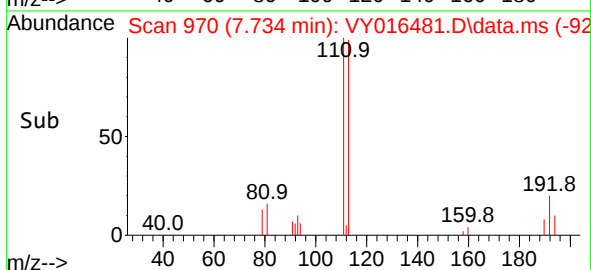
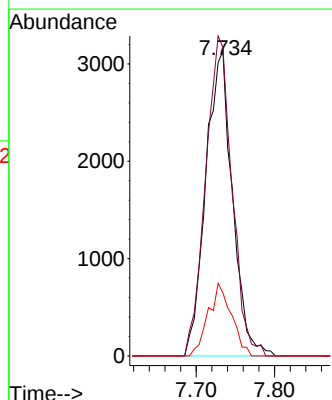
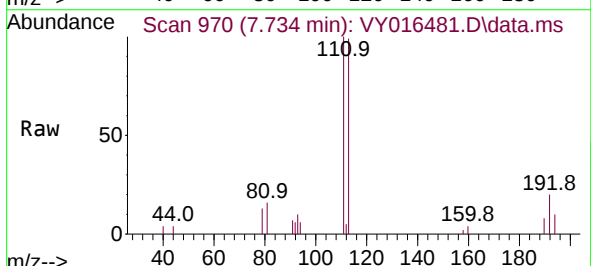
RT: 7.734 min Scan# 970

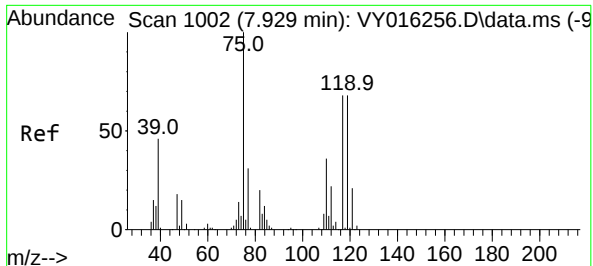
Delta R.T. -0.000 min

Lab File: VY016481.D

Acq: 24 Nov 2023 13:55

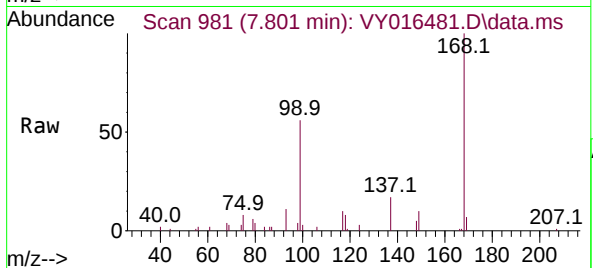
Tgt Ion:	113	Resp:	7418
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.3	121.9
192	20.7	16.9	25.3



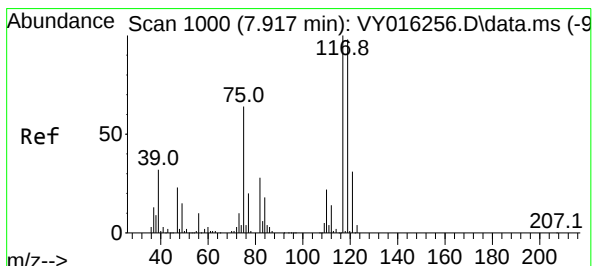
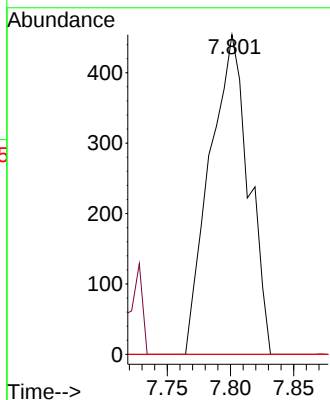
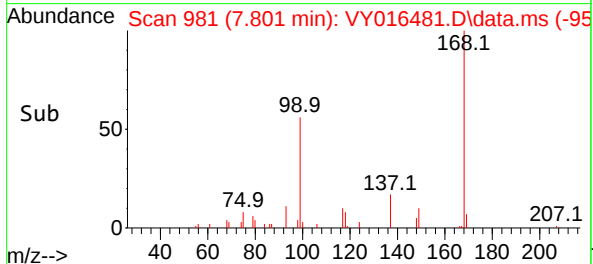


#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

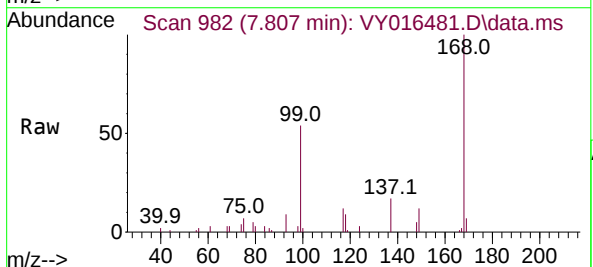
Instrument :
MSVOA_Y
ClientSampleId :



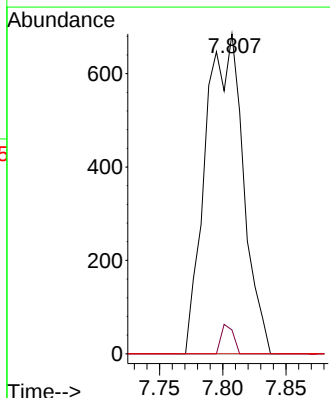
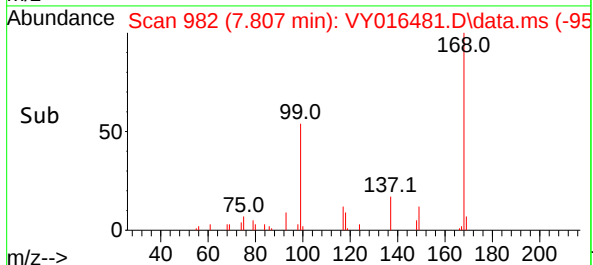
Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#

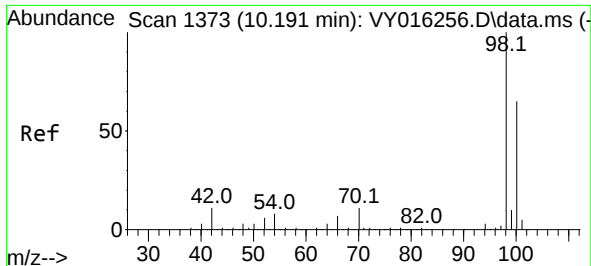


#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55



Tgt Ion: 117 Resp: 1422
Ion Ratio Lower Upper
117 100
119 7.4 76.4 114.6#
121 0.0 25.8 38.6#

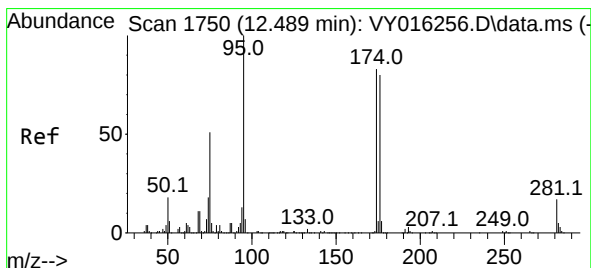
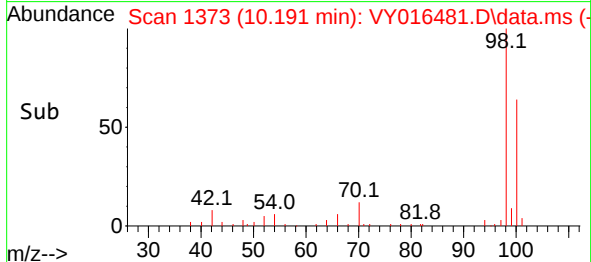
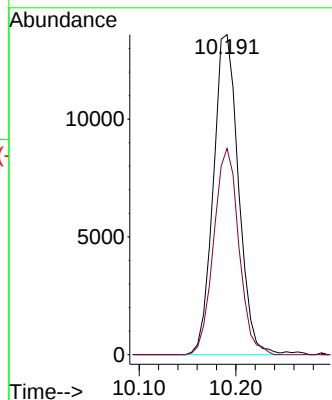
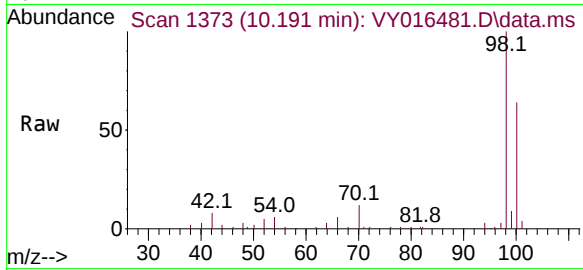




#50
Toluene-d8
Concen: 48.200 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

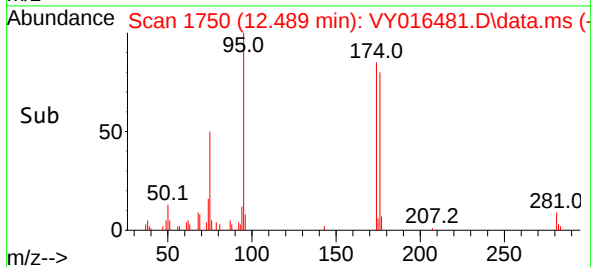
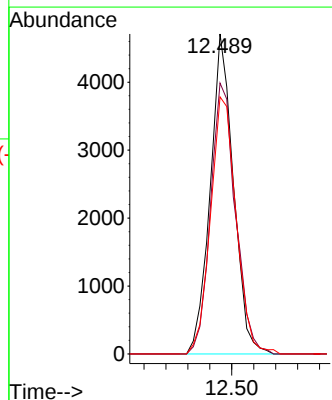
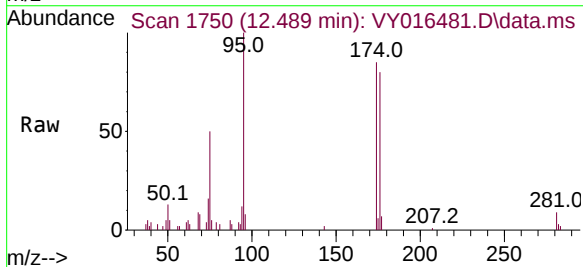
Instrument :
MSVOA_Y
ClientSampleId :

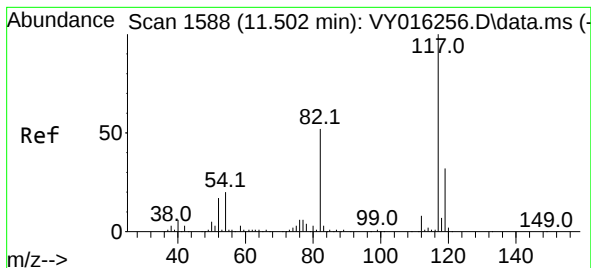
Tgt Ion: 98 Resp: 24532
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.742 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

Tgt Ion: 95 Resp: 6900
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.2
176 88.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016481.D

Acq: 24 Nov 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

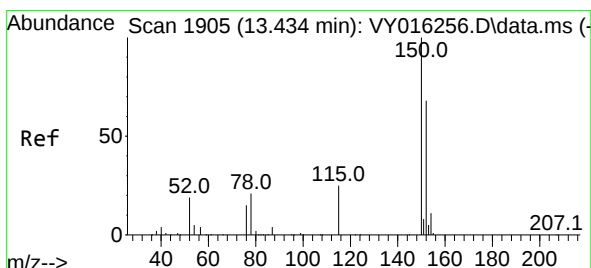
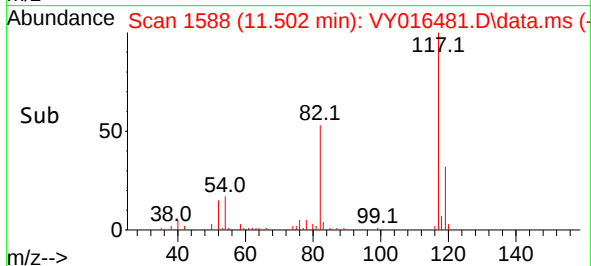
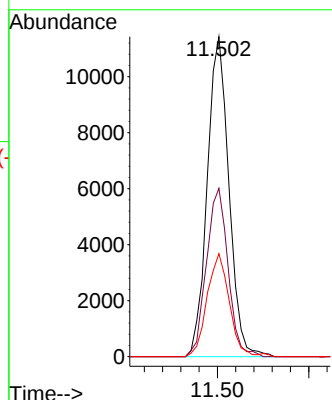
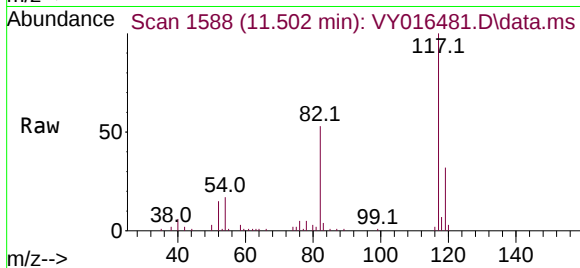
Tgt Ion:117 Resp: 18775

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.2 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: VY016481.D

Acq: 24 Nov 2023 13:55

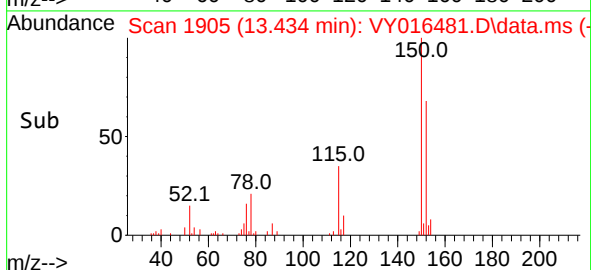
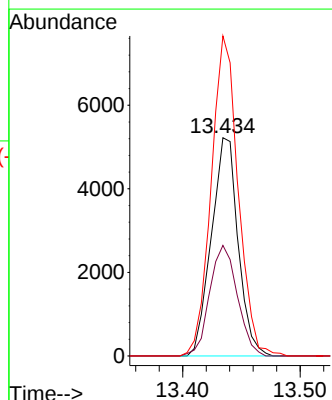
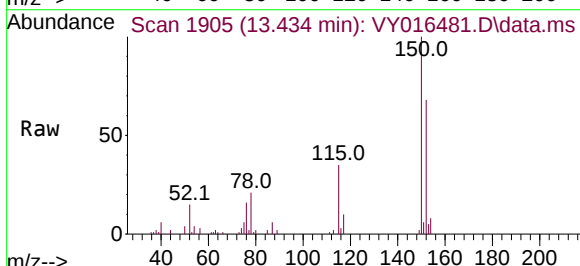
Tgt Ion:152 Resp: 8249

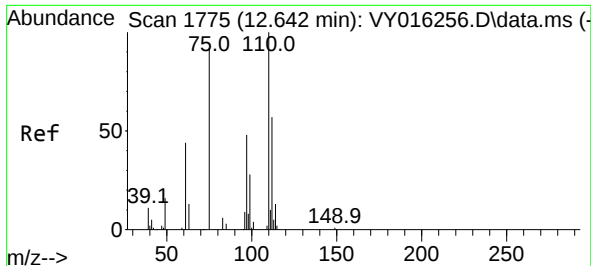
Ion Ratio Lower Upper

152 100

115 52.4 28.8 86.5

150 147.8 0.0 348.8

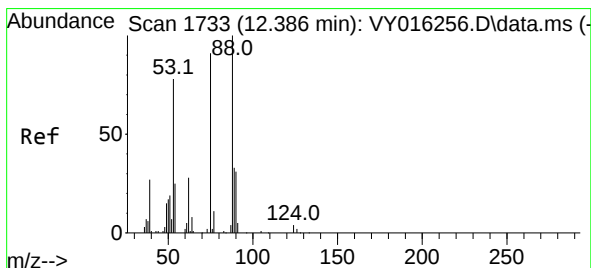
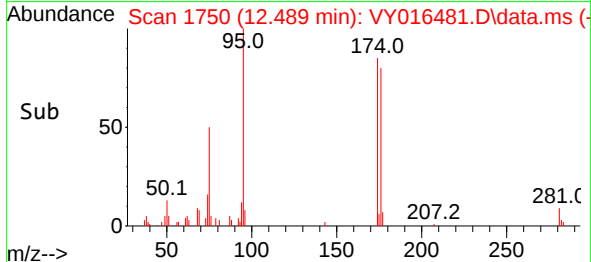
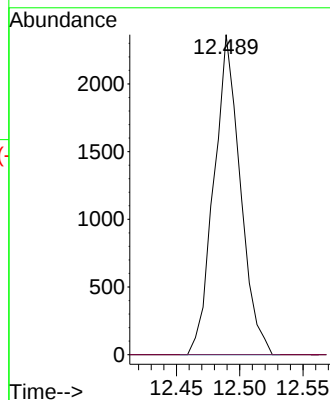
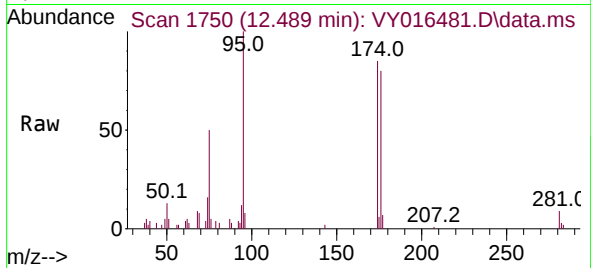




#76
1,2,3-Trichloropropane
Concen: 43.396 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3434
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 94.195 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016481.D
Acq: 24 Nov 2023 13:55

Tgt Ion: 75 Resp: 3434
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

