

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020407.D
 Acq On : 22 Nov 2024 12:53
 Operator : SY/MD
 Sample : P4954-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 23:59:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

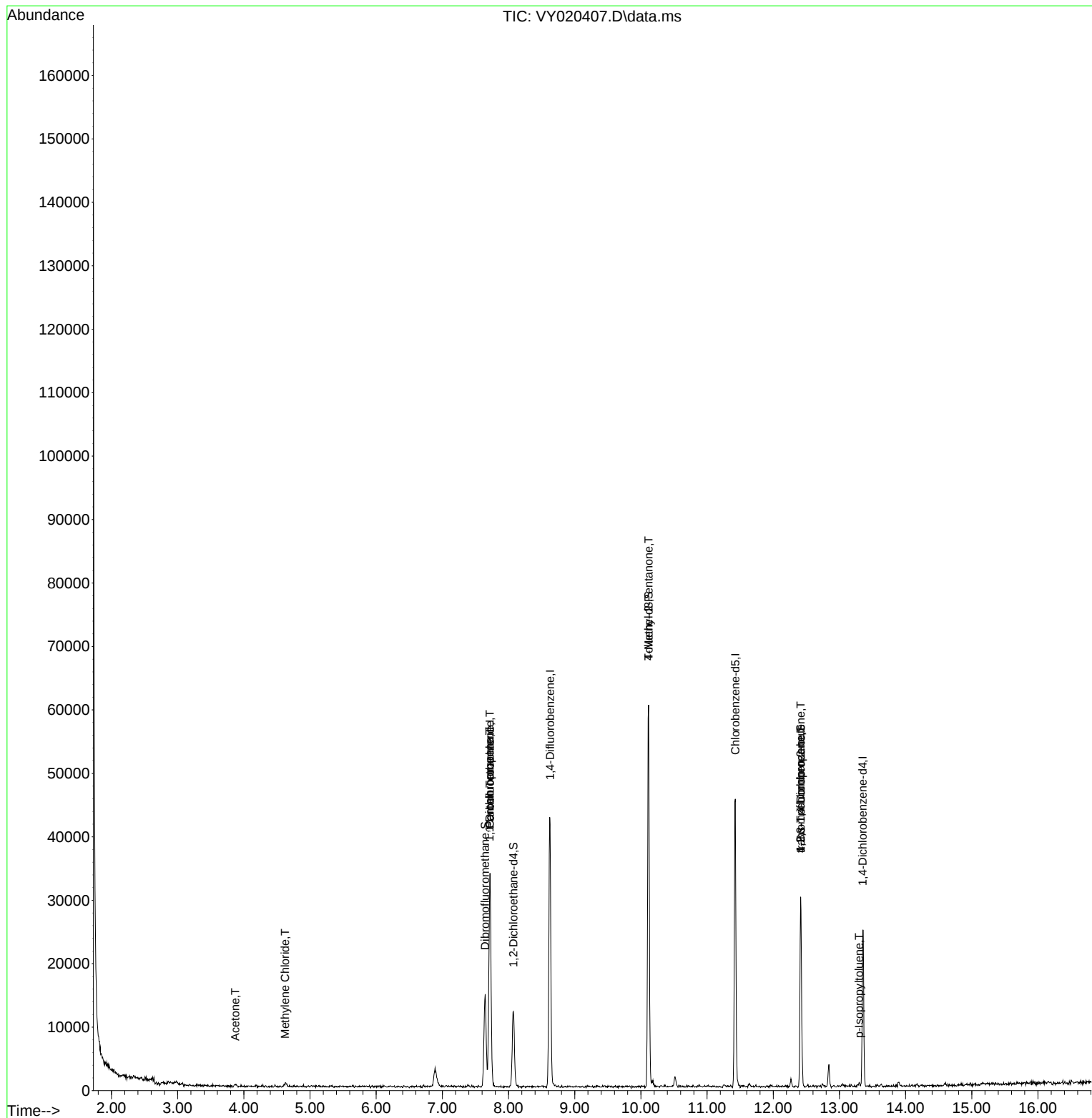
Internal Standards						
1) Pentafluorobenzene	7.719	168	25280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	36509	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	24460	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.352	152	6650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	10502	36.159	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.320%
35) Dibromofluoromethane	7.646	113	10592	45.244	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.115	98	40429	43.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.414	95	9183	30.976	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.960%
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	442	6.348	ug/l #	43
20) Methylene Chloride	4.622	84	339	1.150	ug/l #	61
36) 1,1-Dichloropropene	7.713	75	2246	6.281	ug/l #	50
38) Carbon Tetrachloride	7.719	117	2860	7.661	ug/l #	11
51) 4-Methyl-2-Pentanone	10.115	43	184	1.138	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	4929	78.640	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	4929	154.091	ug/l #	9
86) p-Isopropyltoluene	13.298	119	497	1.015	ug/l #	71

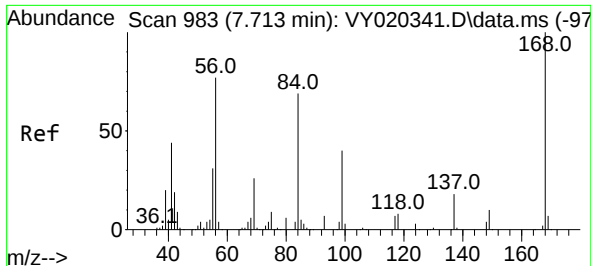
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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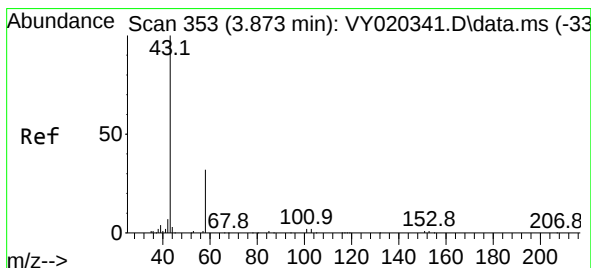
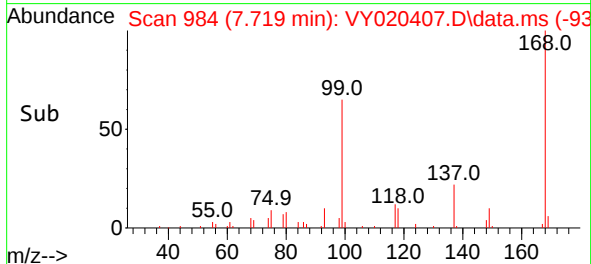
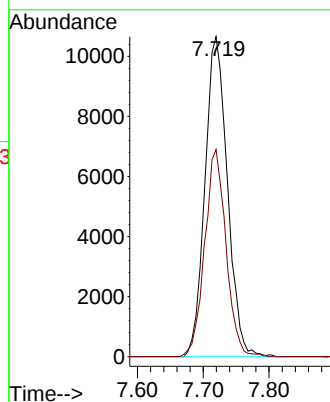
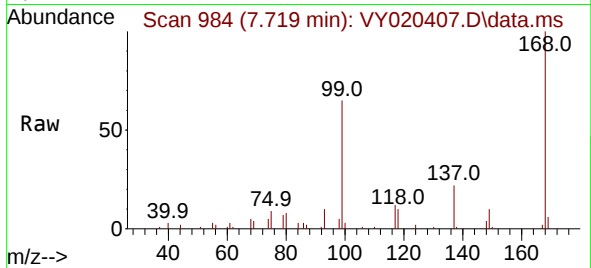




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

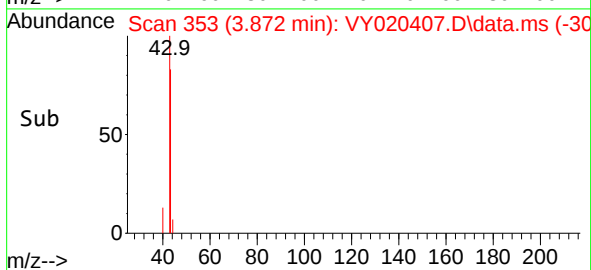
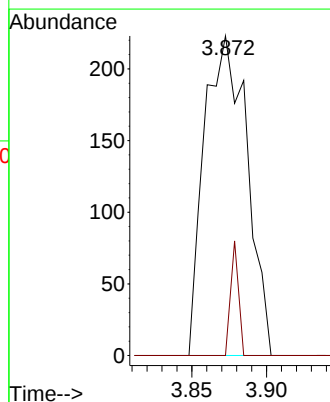
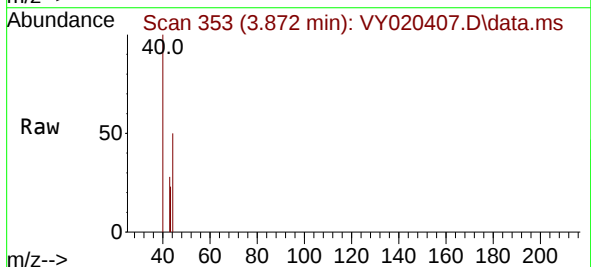
Instrument :
MSVOA_Y
ClientSampleId :

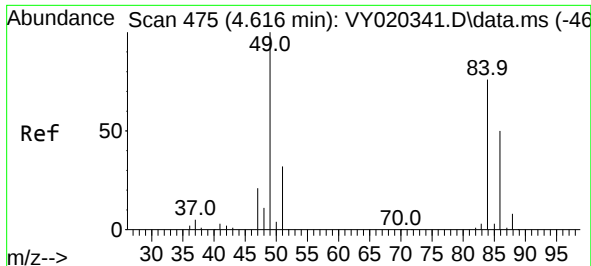
Tgt Ion:168 Resp: 25280
Ion Ratio Lower Upper
168 100
99 64.7 46.6 69.8



#16
Acetone
Concen: 6.348 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

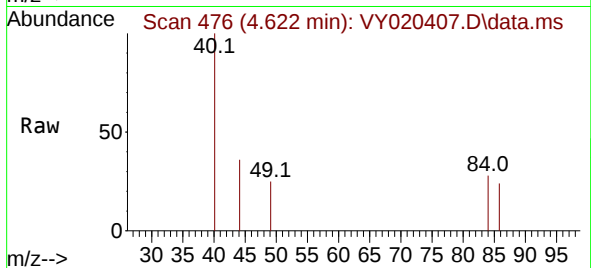
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



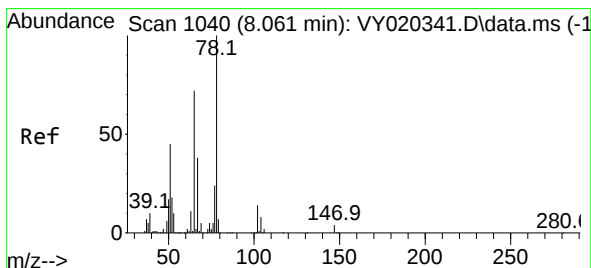
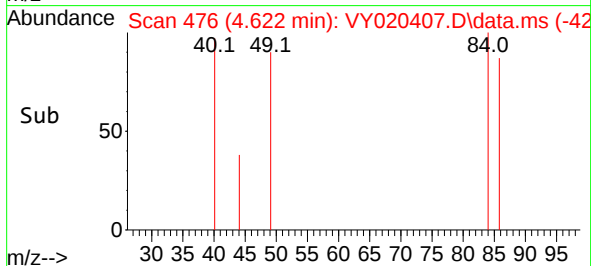
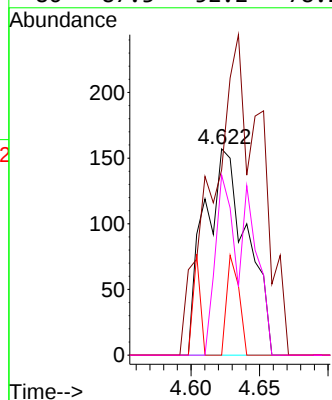


#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :

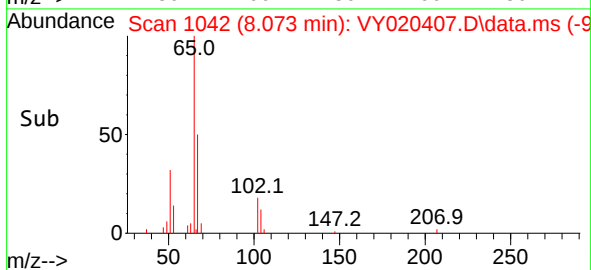
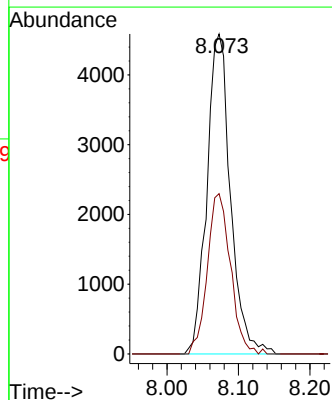
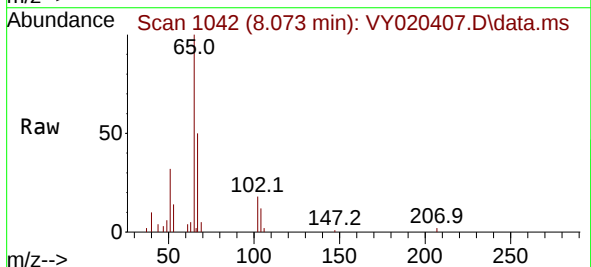


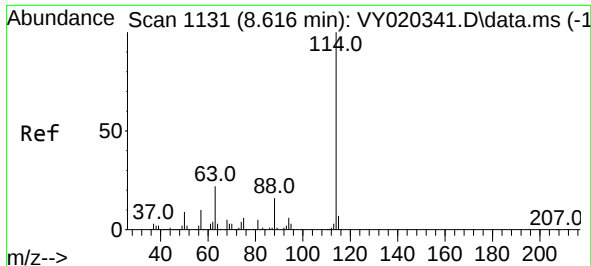
Tgt Ion: 84 Resp: 339
Ion Ratio Lower Upper
84 100
49 89.8 104.7 157.1#
51 0.0 33.4 50.0#
86 87.3 52.2 78.2#



#33
1,2-Dichloroethane-d4
Concen: 36.159 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Tgt Ion: 65 Resp: 10502
Ion Ratio Lower Upper
65 100
67 49.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020407.D

Acq: 22 Nov 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

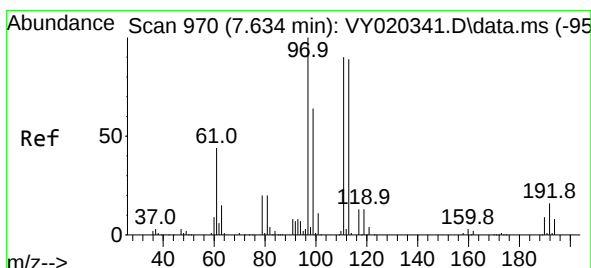
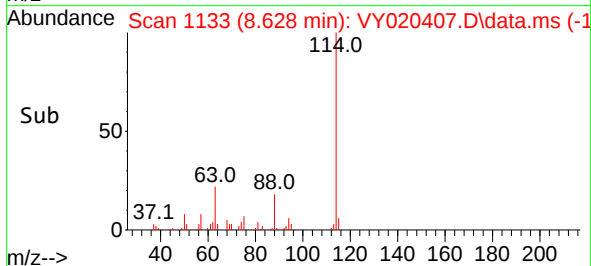
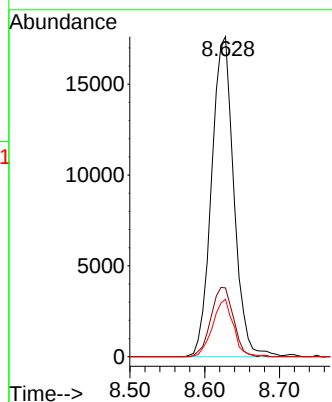
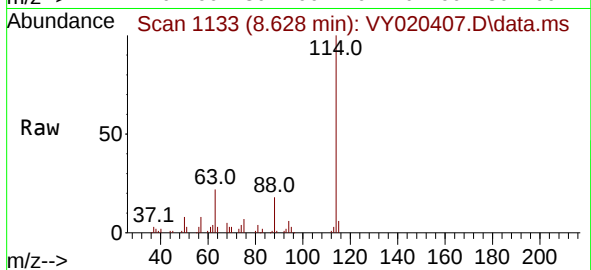
Tgt Ion:114 Resp: 36509

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 18.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 45.244 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY020407.D

Acq: 22 Nov 2024 12:53

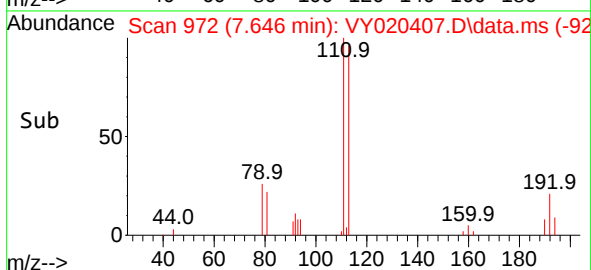
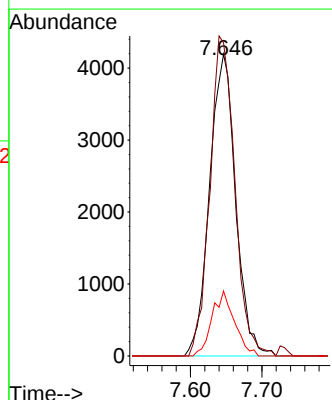
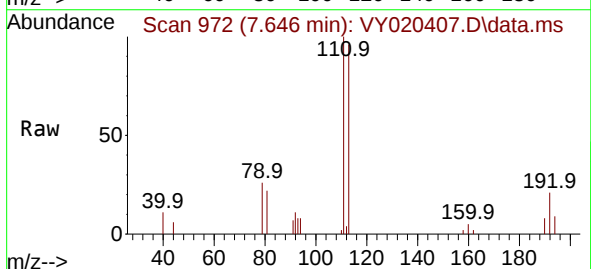
Tgt Ion:113 Resp: 10592

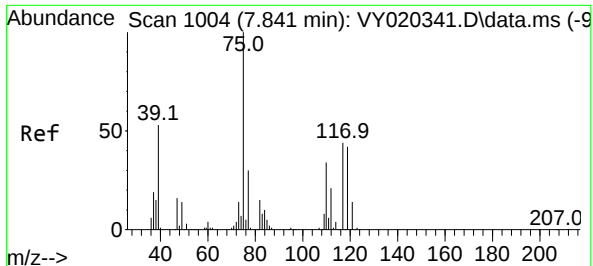
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

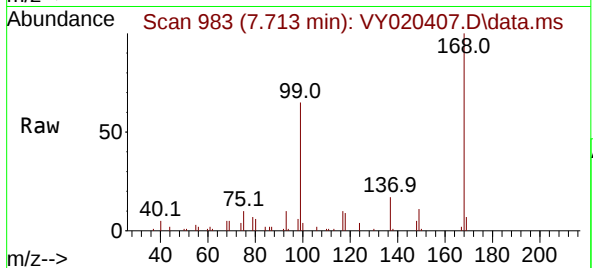
192 18.6 15.1 22.7



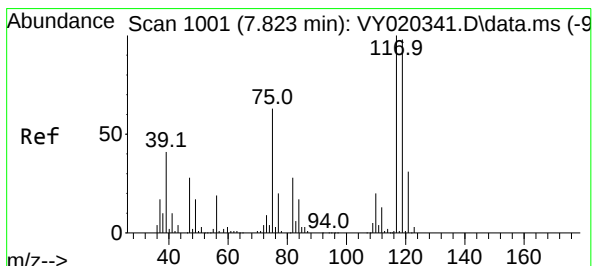
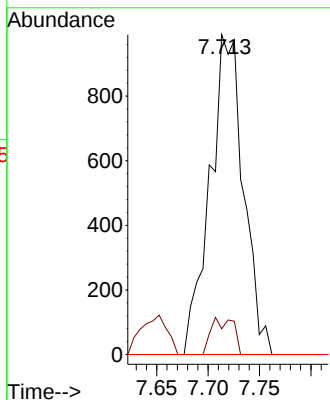
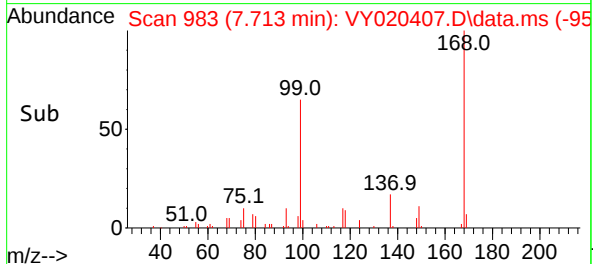


#36
1,1-Dichloropropene
Concen: 6.281 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :

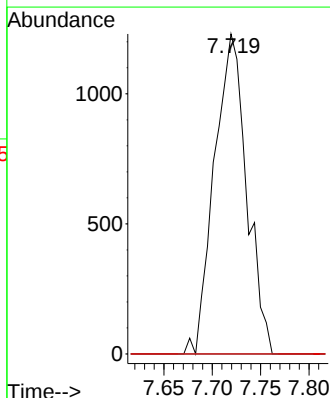
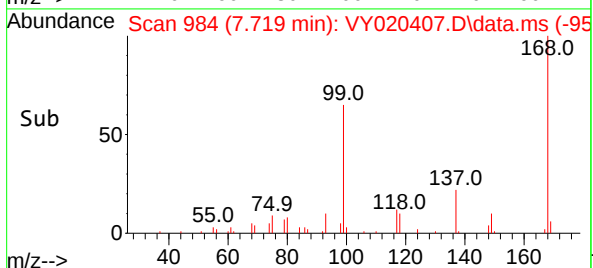
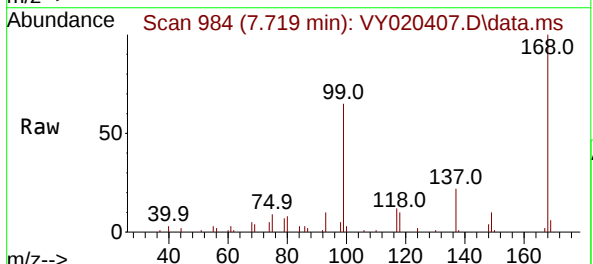


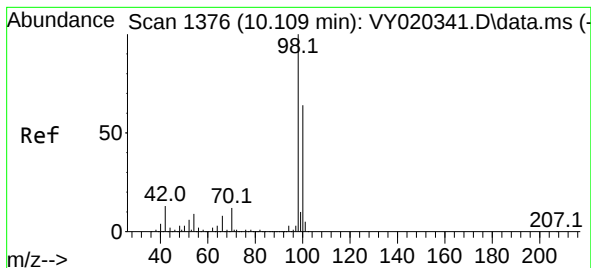
Tgt Ion: 75 Resp: 2246
Ion Ratio Lower Upper
75 100
110 7.7 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 7.661 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Tgt Ion: 117 Resp: 2860
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 43.840 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020407.D

Acq: 22 Nov 2024 12:53

Instrument :

MSVOA_Y

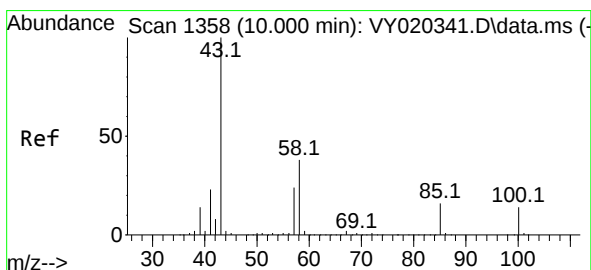
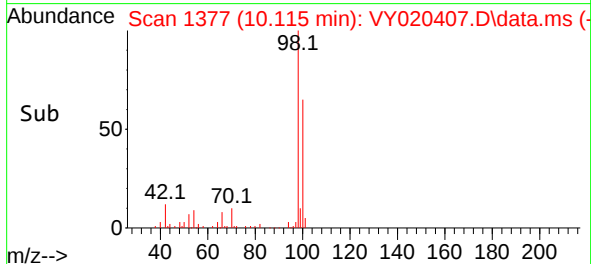
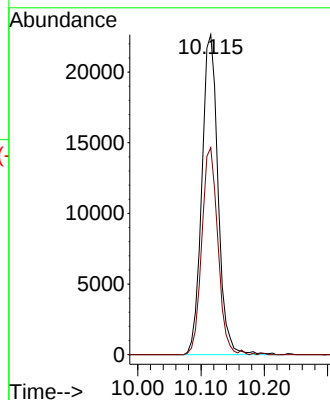
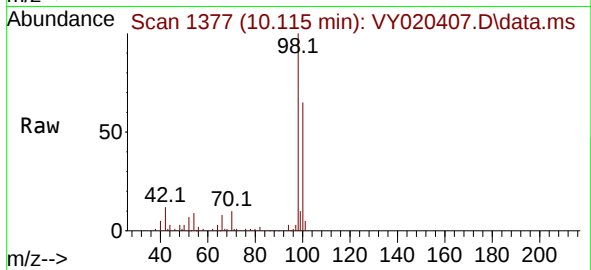
ClientSampleId :

Tgt Ion: 98 Resp: 40429

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.138 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.116 min

Lab File: VY020407.D

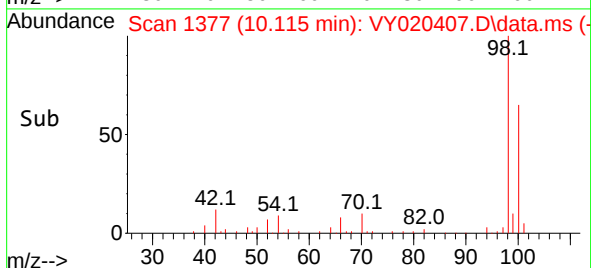
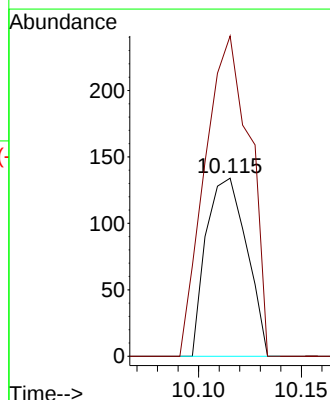
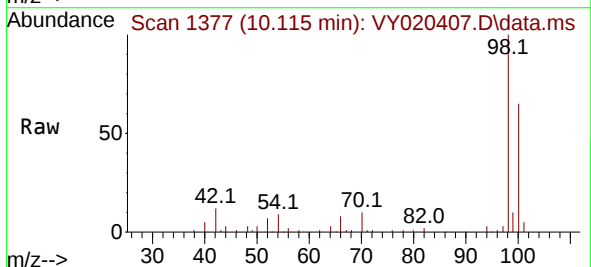
Acq: 22 Nov 2024 12:53

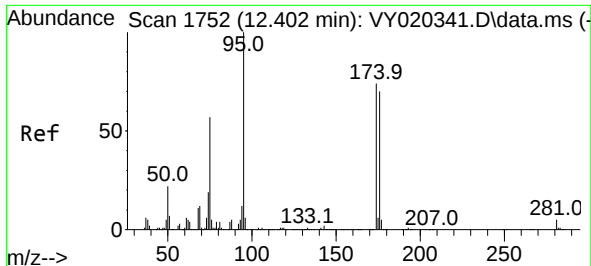
Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

58 198.9 30.9 46.3#

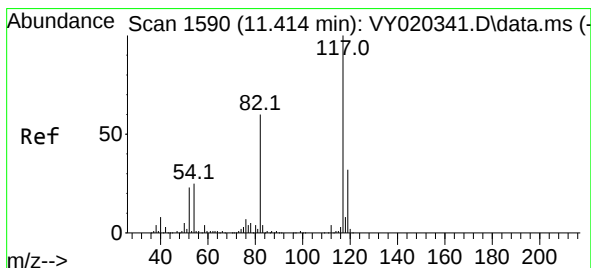
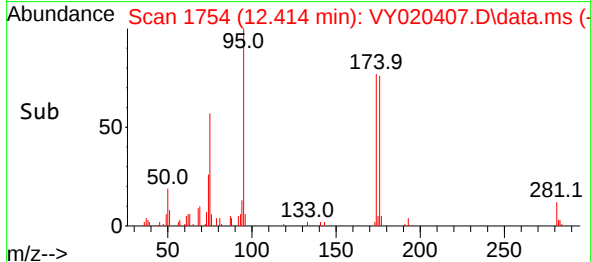
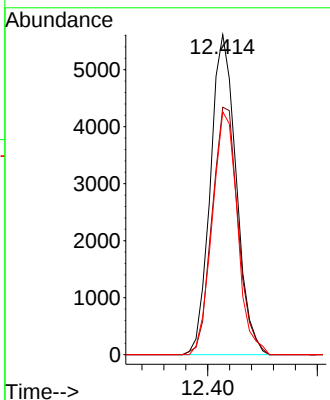
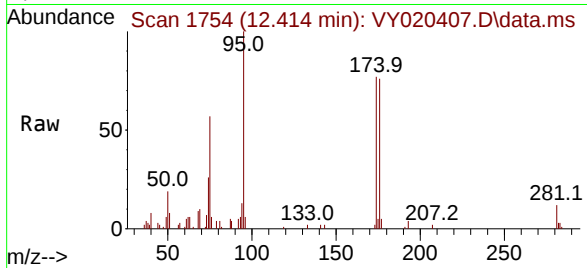




#62
4-Bromofluorobenzene
Concen: 30.976 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

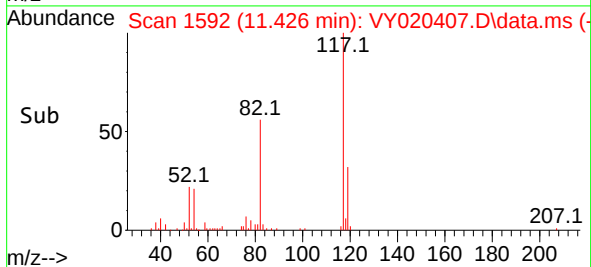
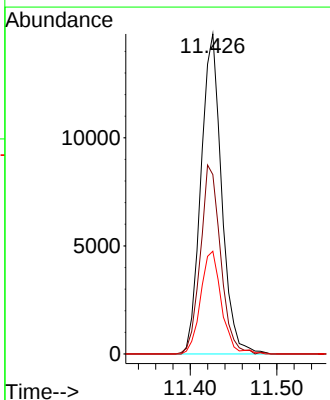
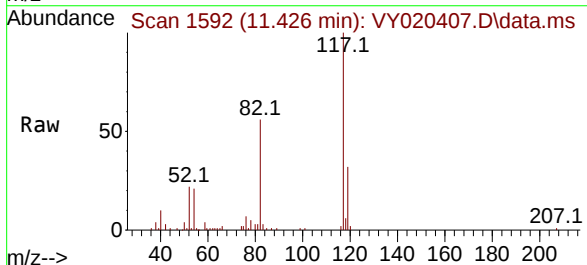
Instrument :
MSVOA_Y
ClientSampleId :

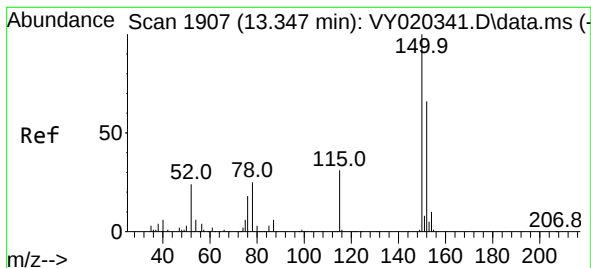
Tgt Ion: 95 Resp: 9183
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.8
176 74.2 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Tgt Ion:117 Resp: 24460
Ion Ratio Lower Upper
117 100
82 56.1 48.2 72.4
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020407.D

Acq: 22 Nov 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

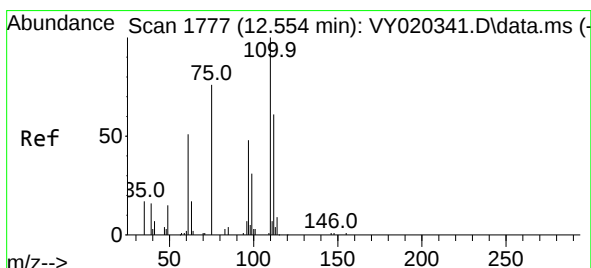
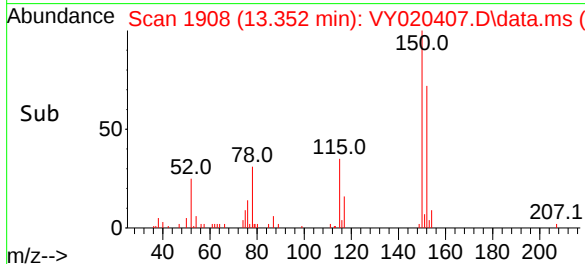
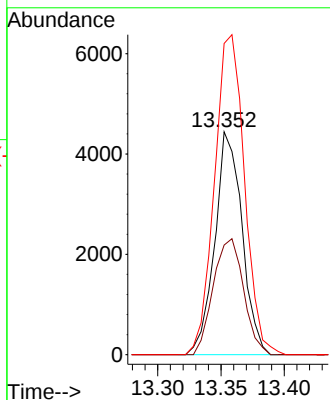
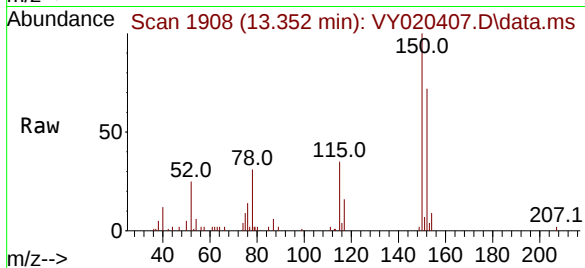
Tgt Ion:152 Resp: 6650

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 157.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 78.640 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY020407.D

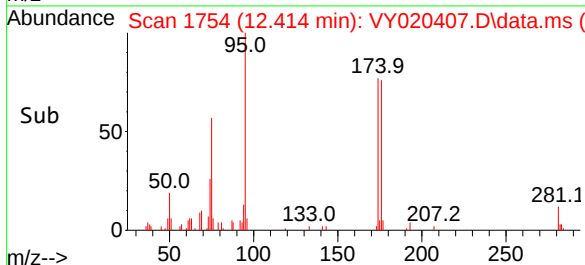
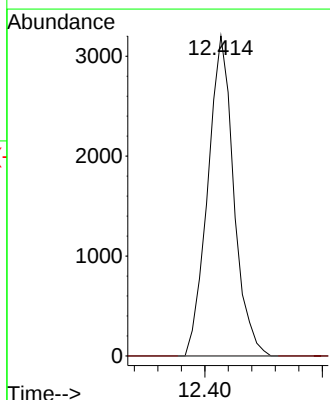
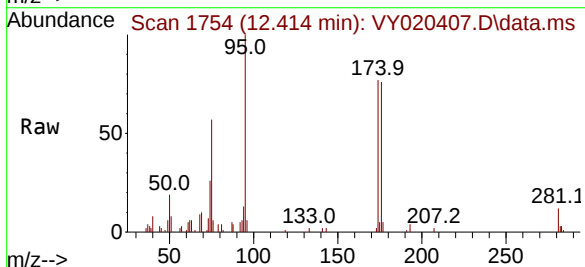
Acq: 22 Nov 2024 12:53

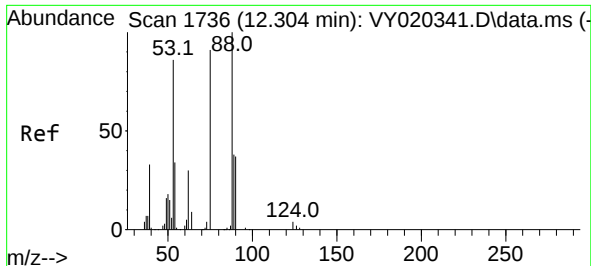
Tgt Ion: 75 Resp: 4929

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

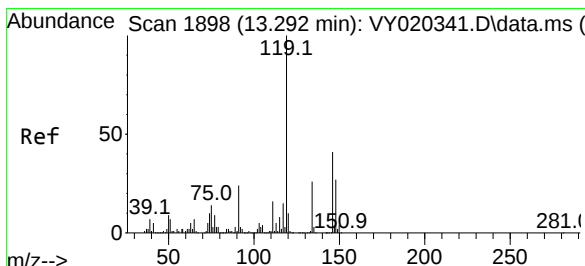
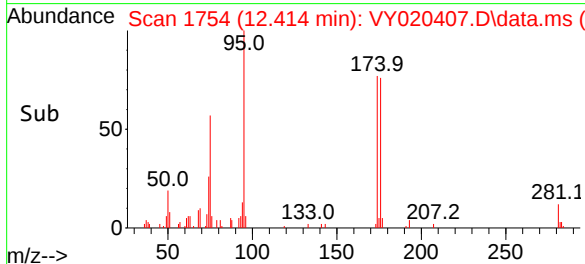
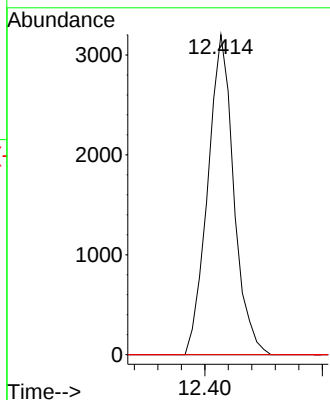
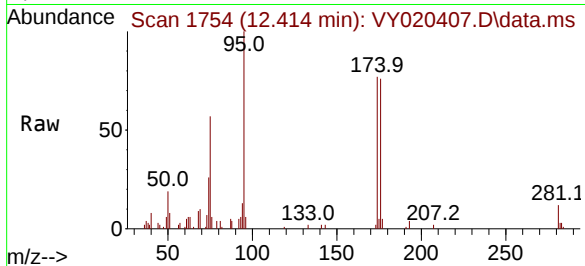




#81
trans-1,4-Dichloro-2-butene
Concen: 154.091 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.110 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4929
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#



#86
p-Isopropyltoluene
Concen: 1.015 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY020407.D
Acq: 22 Nov 2024 12:53

Tgt Ion: 119 Resp: 497
Ion Ratio Lower Upper
119 100
134 16.5 12.8 38.4
91 4.6 12.3 36.8#

