

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020637.D
 Acq On : 18 Dec 2024 15:41
 Operator : SY/MD
 Sample : P5277-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 19 02:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

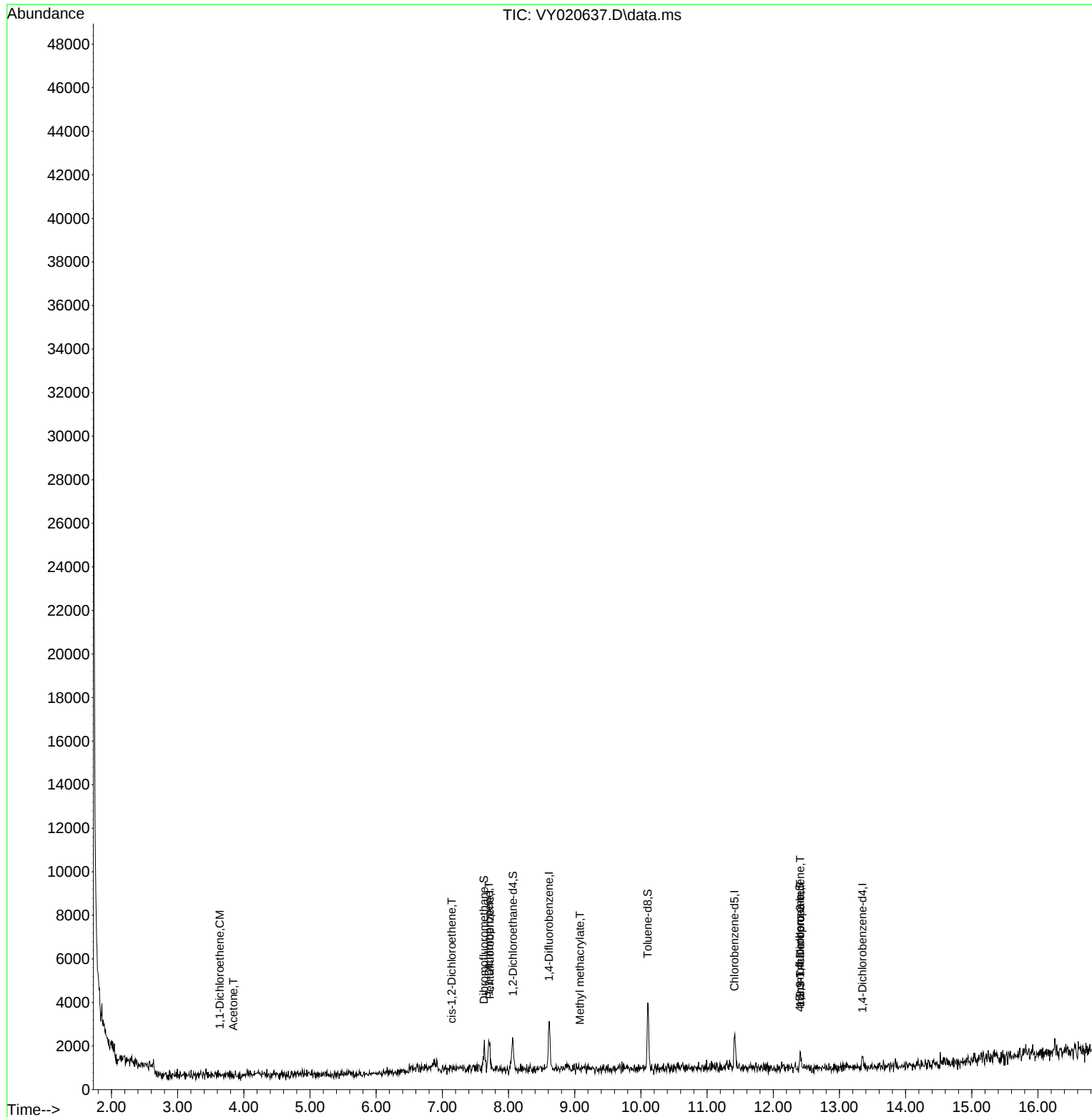
Internal Standards						
1) Pentafluorobenzene	7.720	168	1353	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.610	114	2390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1242	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	261	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1278	86.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.500%#	
35) Dibromofluoromethane	7.628	113	897	53.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.103	98	2424	41.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.220%	
62) 4-Bromofluorobenzene	12.402	95	267	11.577	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 23.160%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.635	96	24	1.415	ug/l	# 1
16) Acetone	3.842	43	22	1.064	ug/l	# 43
27) cis-1,2-Dichloroethene	7.140	96	28	1.279	ug/l	# 1
36) 1,1-Dichloropropene	7.701	75	91	2.963	ug/l	# 42
48) Methyl methacrylate	9.079	41	20	1.538	ug/l	# 14
76) 1,2,3-Trichloropropane	12.408	75	65	23.974	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	65	50.322	ug/l	# 12

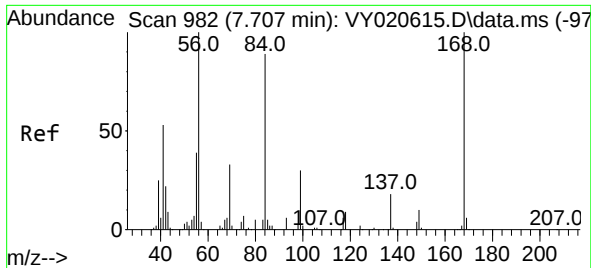
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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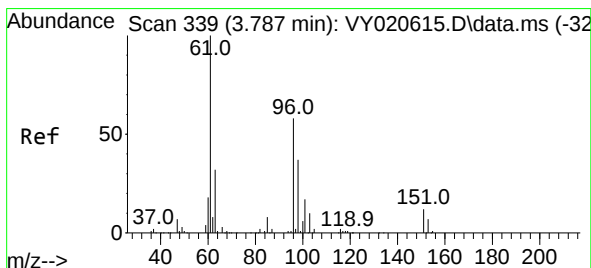
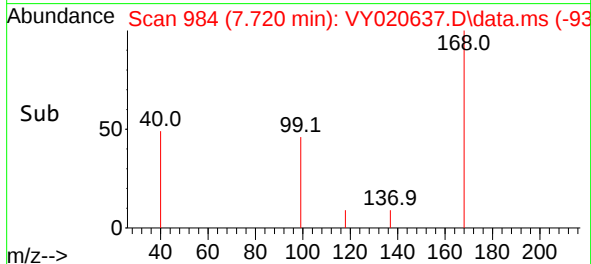
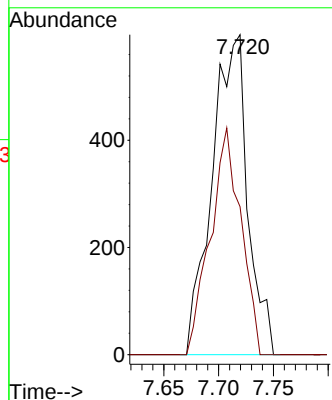
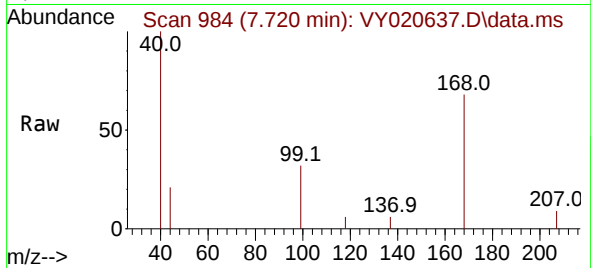




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

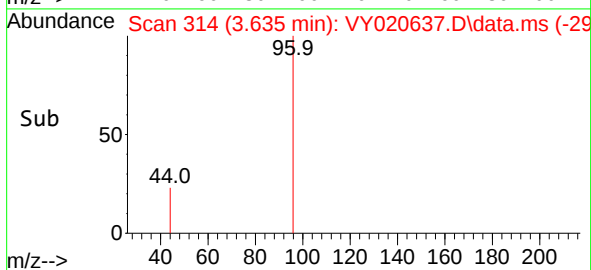
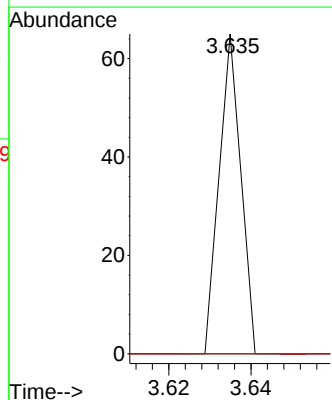
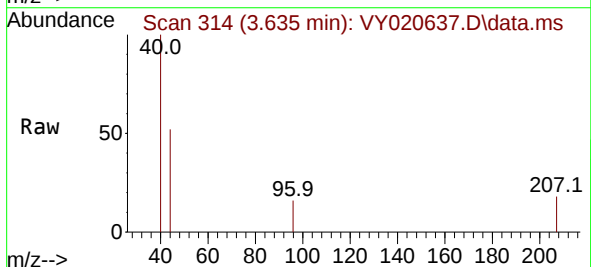
Instrument :
MSVOA_Y
ClientSampleId :

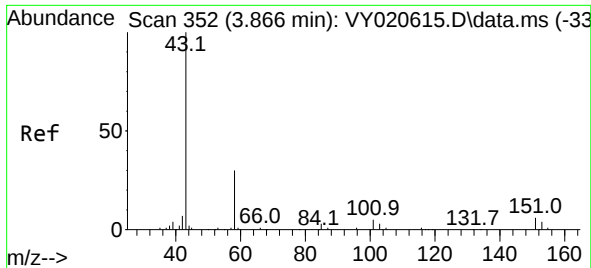
Tgt Ion:168 Resp: 1353
Ion Ratio Lower Upper
168 100
99 46.2 47.0 70.6#



#12
1,1-Dichloroethene
Concen: 1.415 ug/l
RT: 3.635 min Scan# 314
Delta R.T. -0.152 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

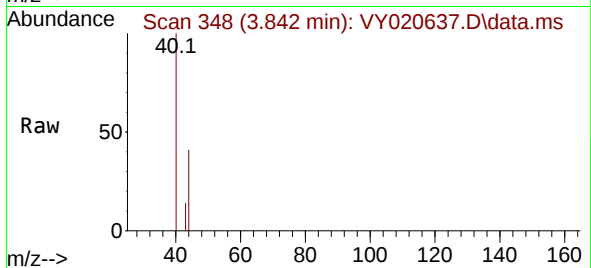
Tgt Ion: 96 Resp: 24
Ion Ratio Lower Upper
96 100
61 0.0 136.9 205.3#
98 0.0 50.2 75.4#



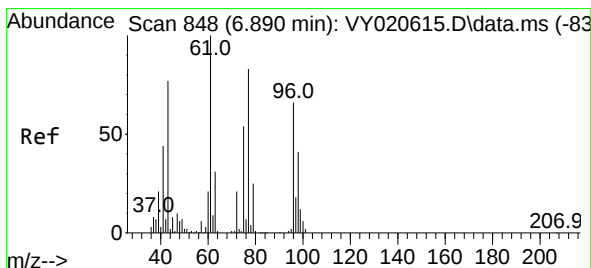
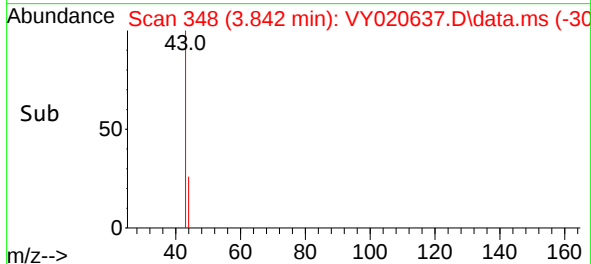
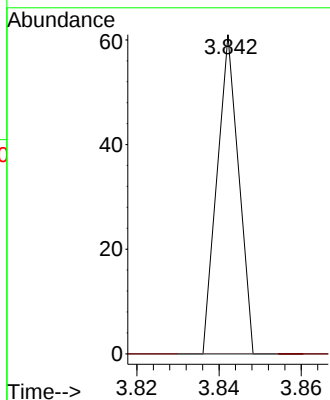


#16
Acetone
Concen: 1.064 ug/l
RT: 3.842 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

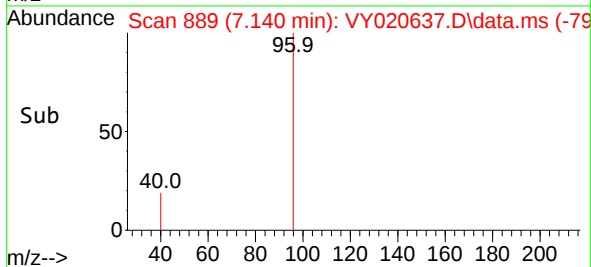
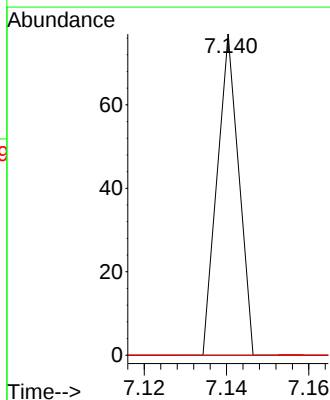
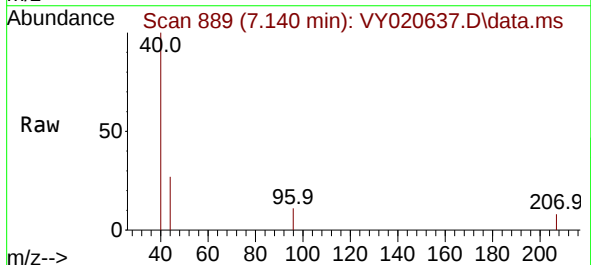


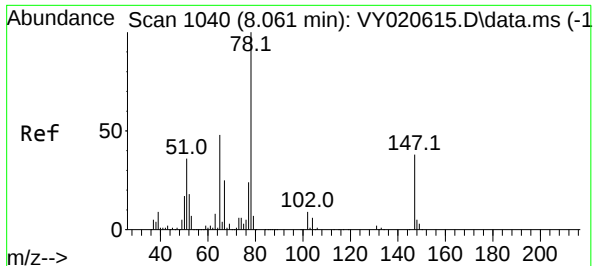
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



#27
cis-1,2-Dichloroethene
Concen: 1.279 ug/l
RT: 7.140 min Scan# 889
Delta R.T. 0.250 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

Tgt Ion: 96 Resp: 28
Ion Ratio Lower Upper
96 100
61 0.0 0.0 306.2
98 0.0 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 86.245 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

Instrument :

MSVOA_Y

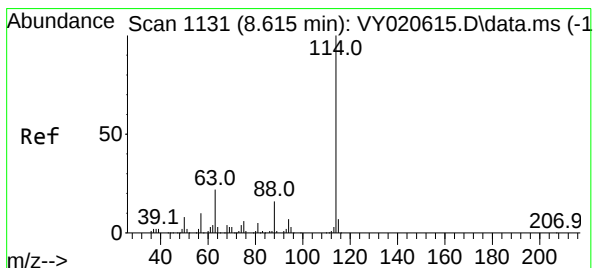
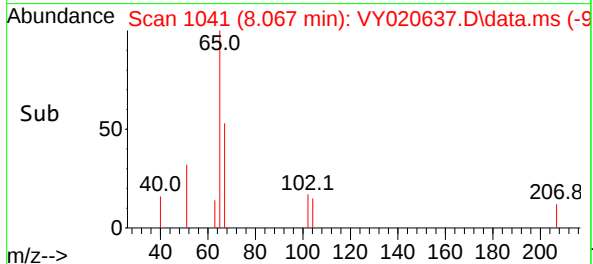
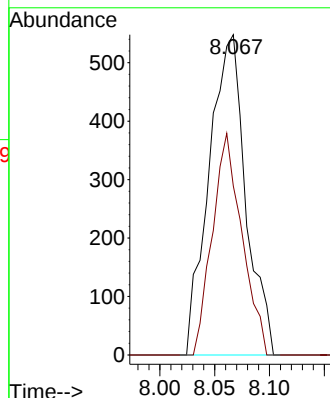
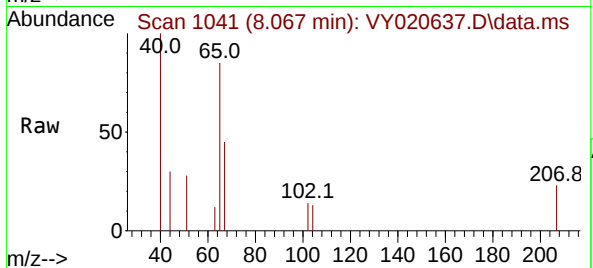
ClientSampleId :

Tgt Ion: 65 Resp: 1278

Ion Ratio Lower Upper

65 100

67 55.7 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

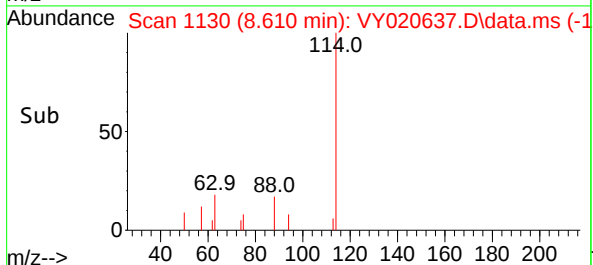
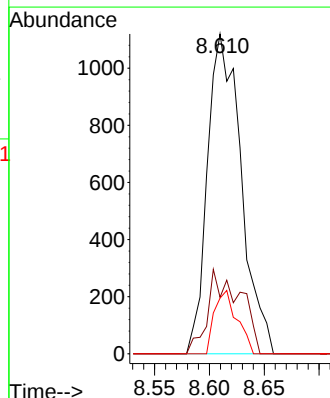
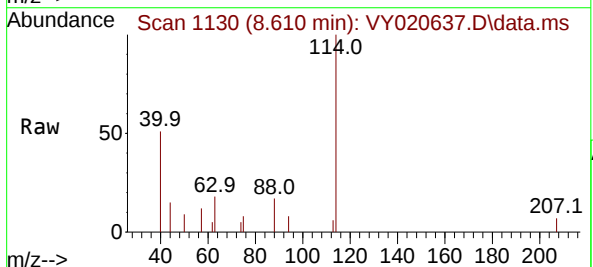
Tgt Ion: 114 Resp: 2390

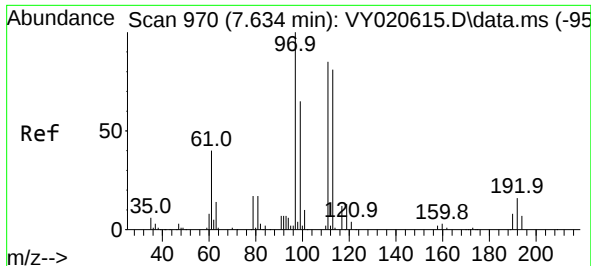
Ion Ratio Lower Upper

114 100

63 17.7 0.0 44.0

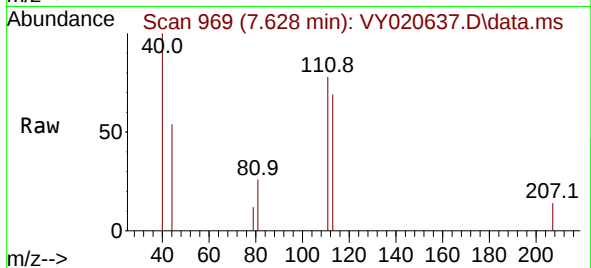
88 17.4 0.0 32.8



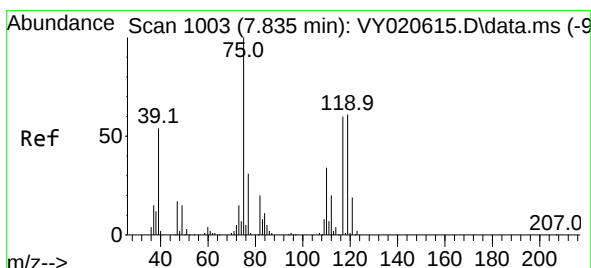
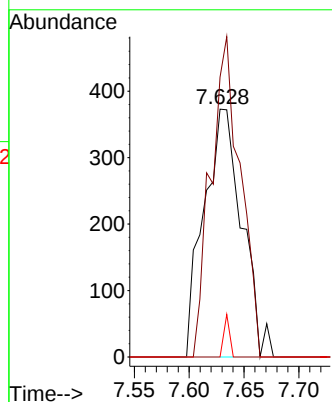
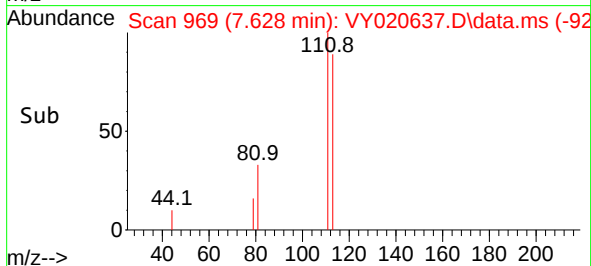


#35
Dibromofluoromethane
Concen: 53.253 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41

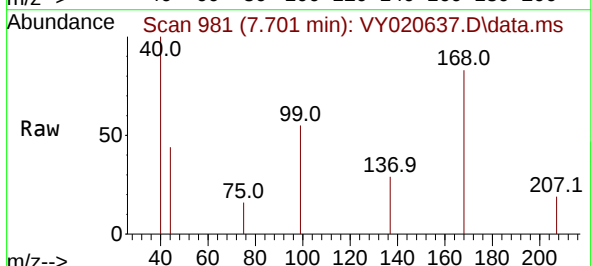
Instrument :
MSVOA_Y
ClientSampleId :



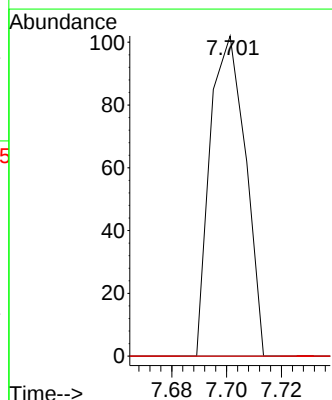
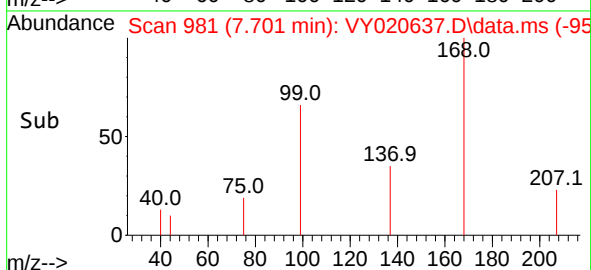
Tgt Ion:113 Resp: 897
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 2.6 15.7 23.5#

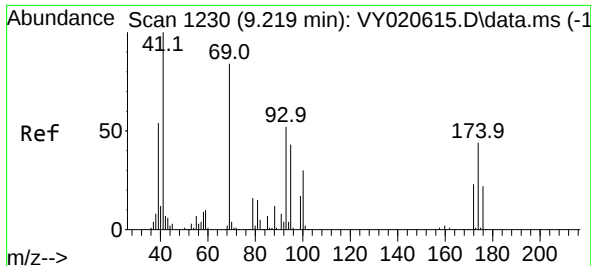


#36
1,1-Dichloropropene
Concen: 2.963 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020637.D
Acq: 18 Dec 2024 15:41



Tgt Ion: 75 Resp: 91
Ion Ratio Lower Upper
75 100
110 0.0 16.8 50.4#
77 0.0 25.0 37.6#





#48

Methyl methacrylate

Concen: 1.538 ug/l

RT: 9.079 min Scan# 1207

Delta R.T. -0.140 min

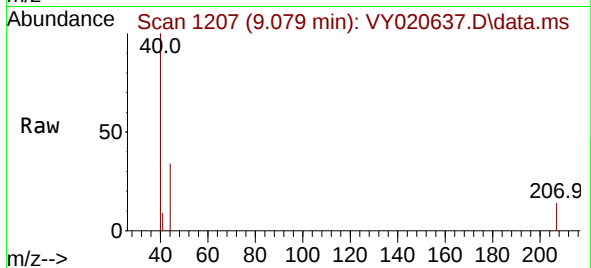
Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

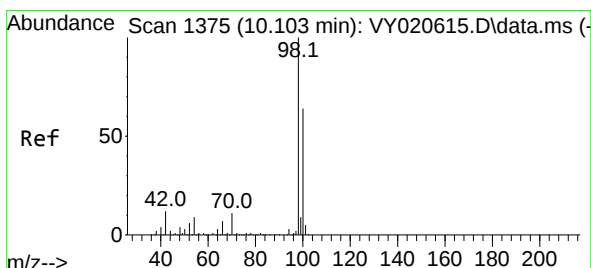
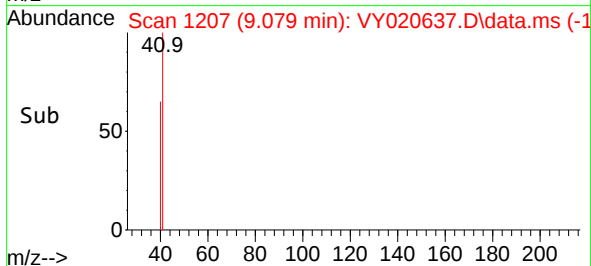
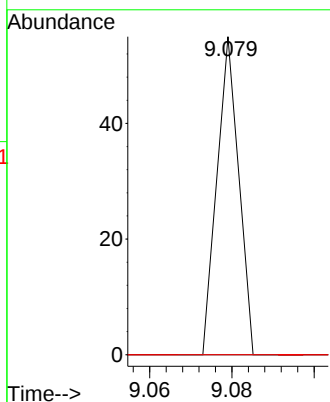
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	41	Resp:	20
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.2	100.8#
39	0.0	42.2	63.4#



#50

Toluene-d8

Concen: 41.115 ug/l

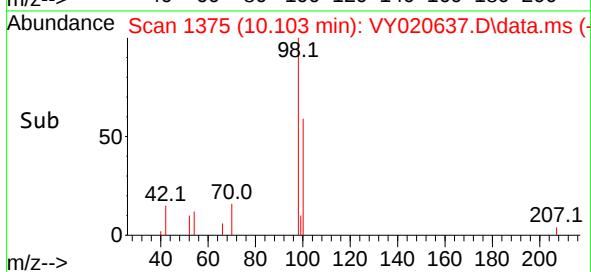
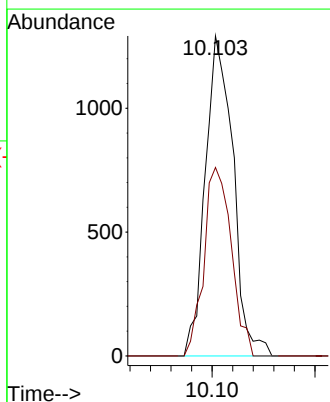
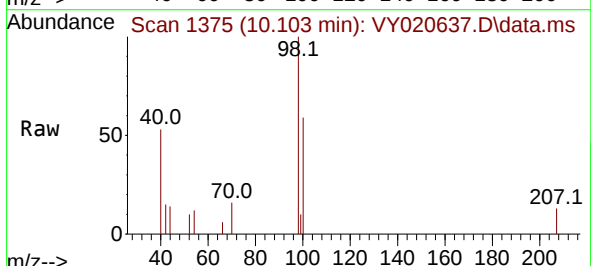
RT: 10.103 min Scan# 1375

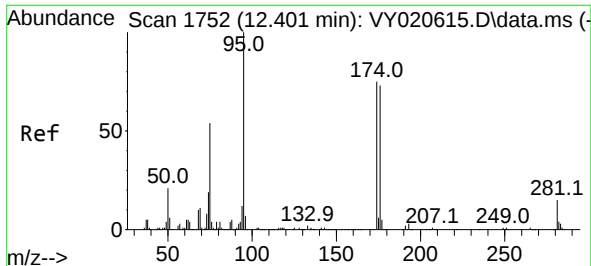
Delta R.T. 0.000 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

Tgt Ion:	98	Resp:	2424
Ion	Ratio	Lower	Upper
98	100		
100	58.0	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 11.577 ug/l

RT: 12.402 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020637.D

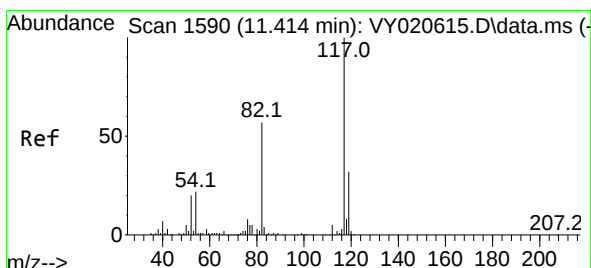
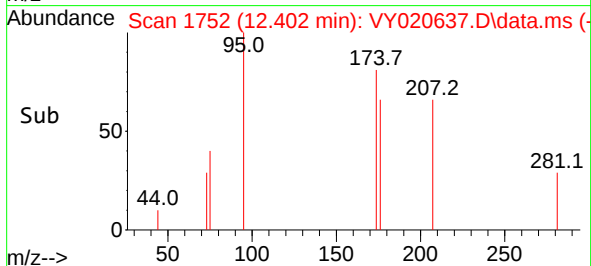
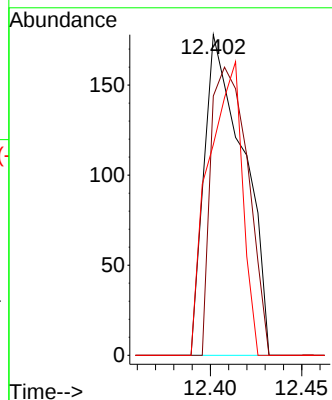
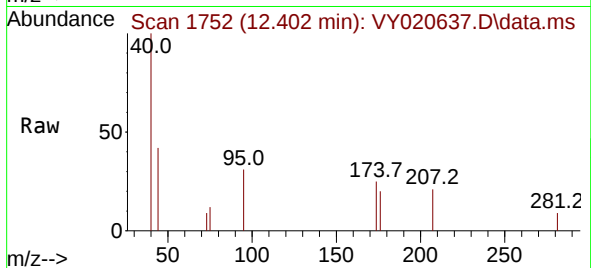
Acq: 18 Dec 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp: 267
Ion Ratio	Lower Upper
95	100
174	84.3 0.0 161.8
176	78.7 0.0 156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

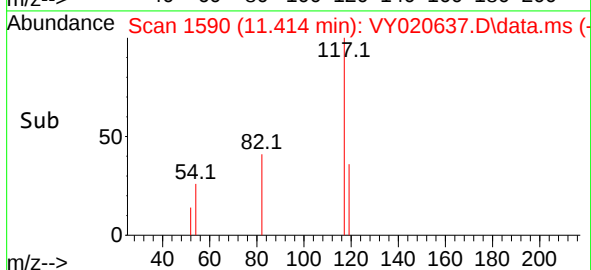
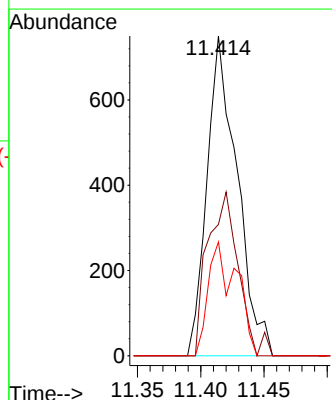
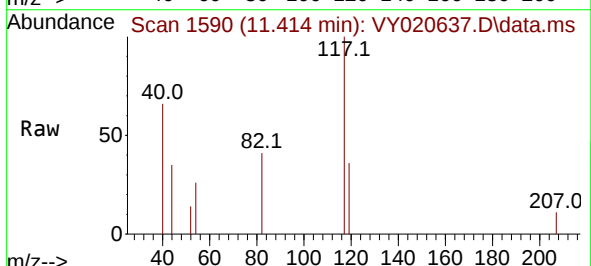
RT: 11.414 min Scan# 1590

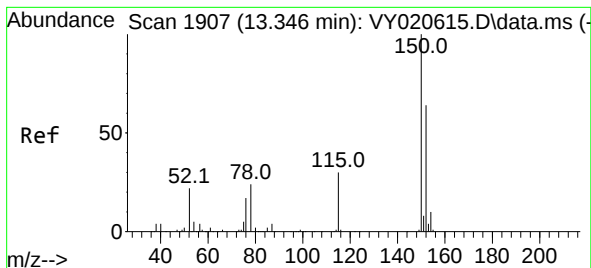
Delta R.T. 0.000 min

Lab File: VY020637.D

Acq: 18 Dec 2024 15:41

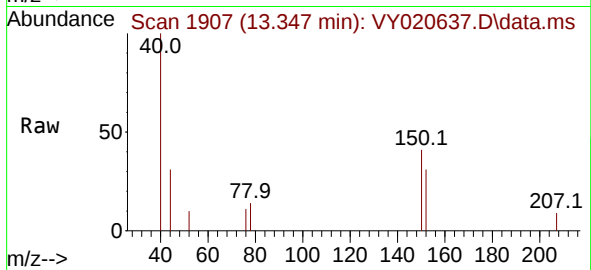
Tgt Ion: 117	Resp: 1242
Ion Ratio	Lower Upper
117	100
82	41.1 45.8 68.6#
119	35.6 25.3 37.9



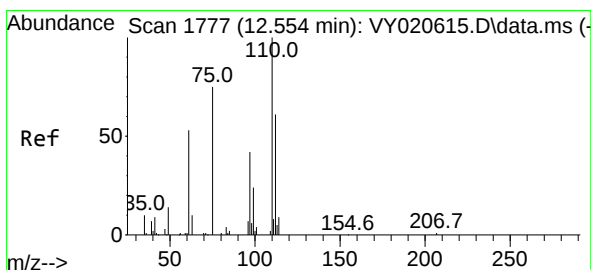
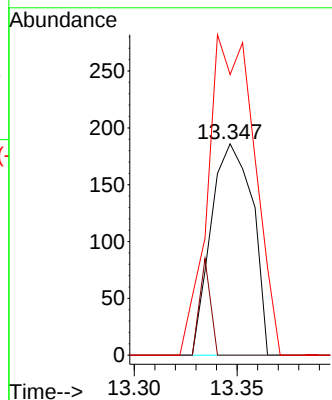
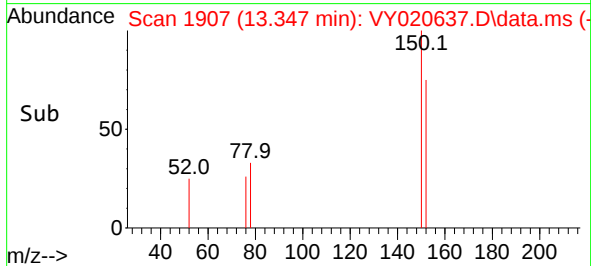


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020637.D
 Acq: 18 Dec 2024 15:41

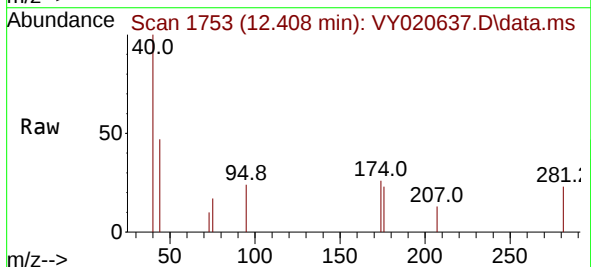
Instrument :
 MSVOA_Y
 ClientSampleId :



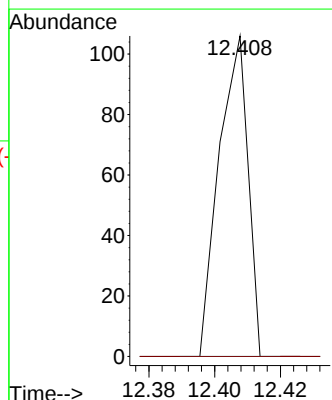
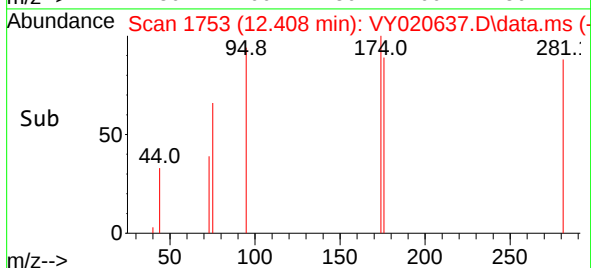
Tgt Ion:152 Resp: 261
 Ion Ratio Lower Upper
 152 100
 115 11.9 30.2 90.6#
 150 169.3 0.0 355.4

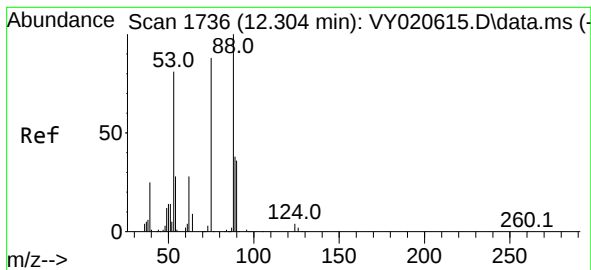


#76
 1,2,3-Trichloropropane
 Concen: 23.974 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020637.D
 Acq: 18 Dec 2024 15:41



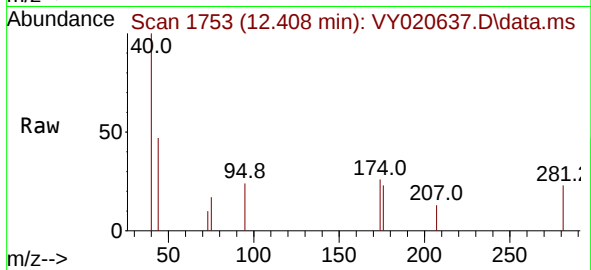
Tgt Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.322 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020637.D
 Acq: 18 Dec 2024 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.2#
 89 0.0 37.0 55.4#

