

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020359.D
 Acq On : 20 Nov 2024 15:04
 Operator : SY/MD
 Sample : P4908-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:48:29 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	7.713	168	148327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	275316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99194	58.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.420%
35) Dibromofluoromethane	7.634	113	93579	49.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.103	98	356392	48.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.408	95	123776	52.119	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	104.240%

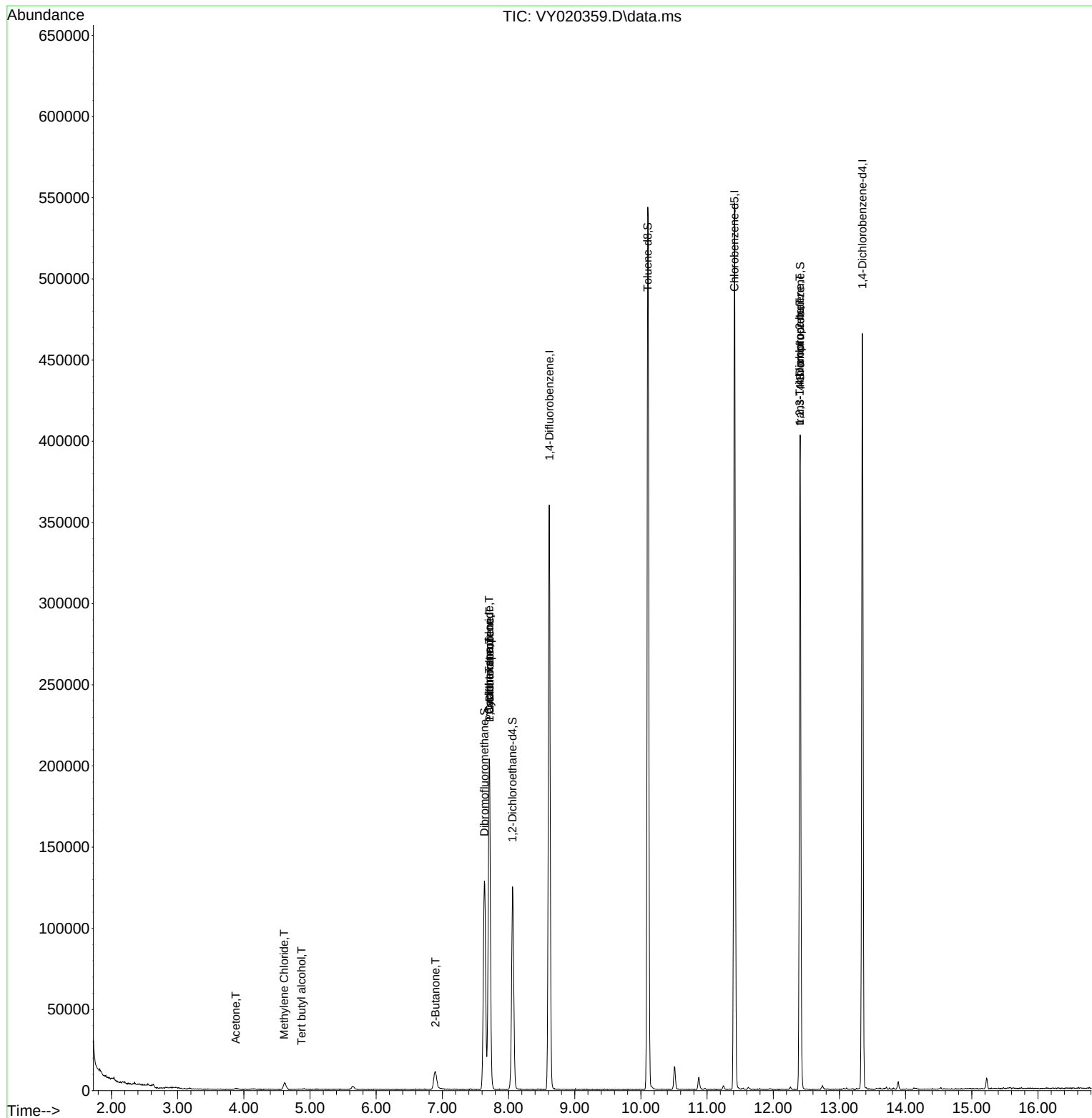
Target Compounds					Qvalue	
3) Chloromethane	2.080	50	139	Below Cal	#	41
11) Tert butyl alcohol	4.872	59	222	1.034	ug/l #	73
16) Acetone	3.879	43	1217	2.979	ug/l #	61
20) Methylene Chloride	4.610	84	2799	1.618	ug/l #	80
25) 2-Butanone	6.896	43	796	1.514	ug/l #	50
31) Cyclohexane	7.707	56	3675	1.157	ug/l #	4
36) 1,1-Dichloropropene	7.713	75	13471	4.703	ug/l #	46
38) Carbon Tetrachloride	7.707	117	15651	5.233	ug/l #	14
76) 1,2,3-Trichloropropane	12.401	75	67620	64.442	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	67620	126.271	ug/l #	9

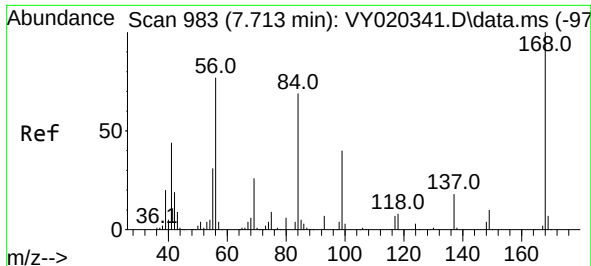
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
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Quant Time: Nov 21 00:48:29 2024
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Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

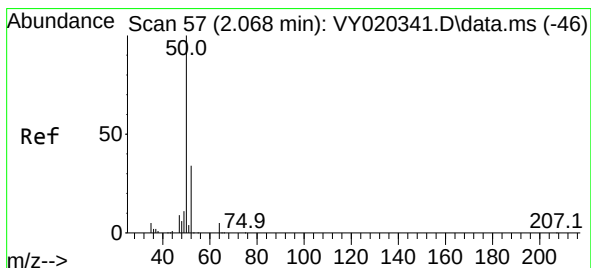
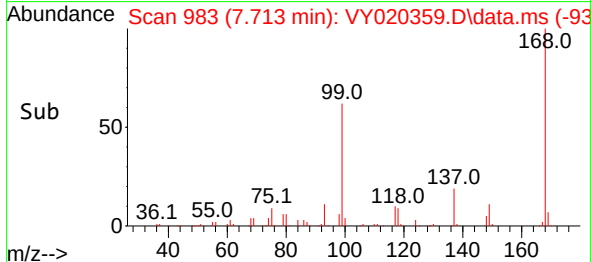
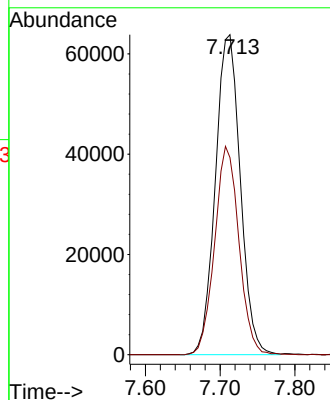
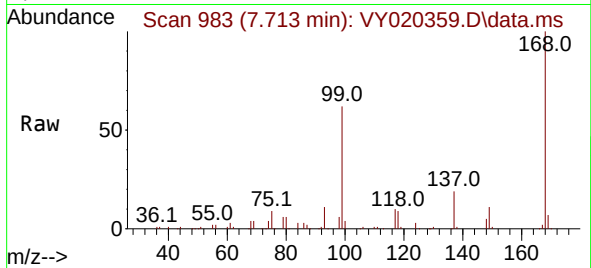




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

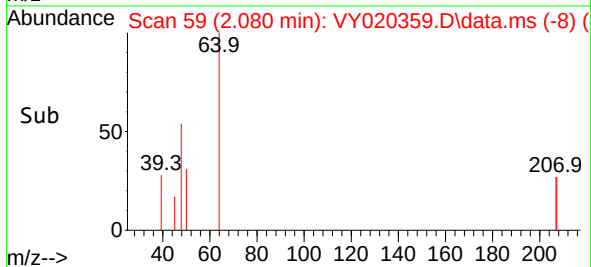
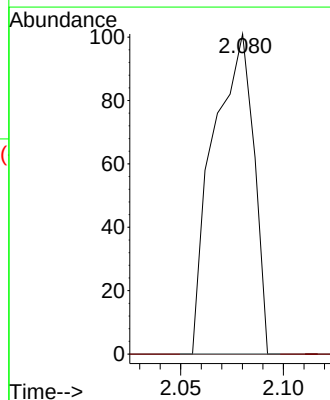
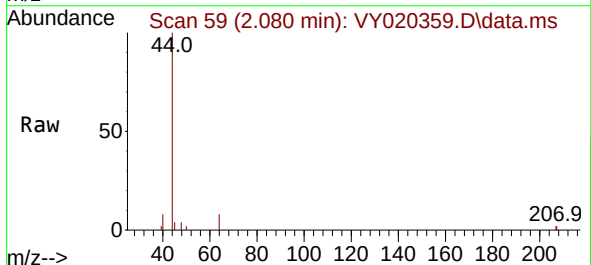
Instrument :
MSVOA_Y
ClientSampleId :

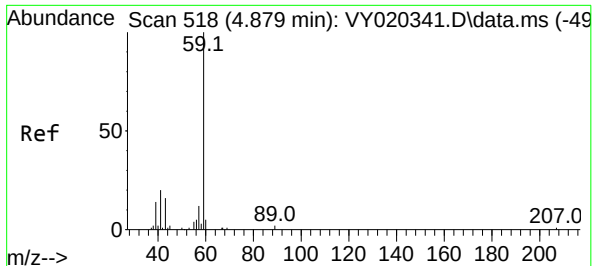
Tgt Ion:168 Resp: 148327
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

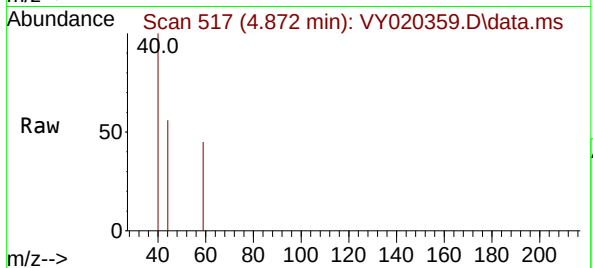
Tgt Ion: 50 Resp: 139
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



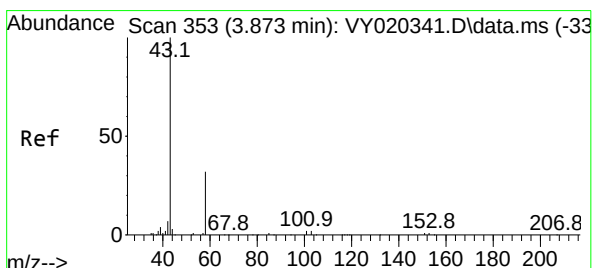
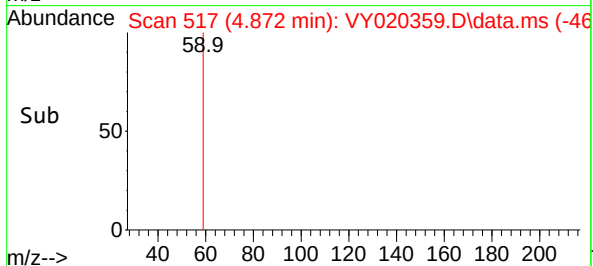
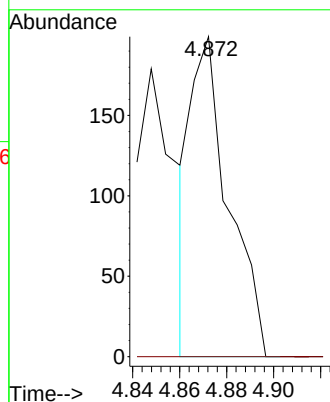


#11
Tert butyl alcohol
Concen: 1.034 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

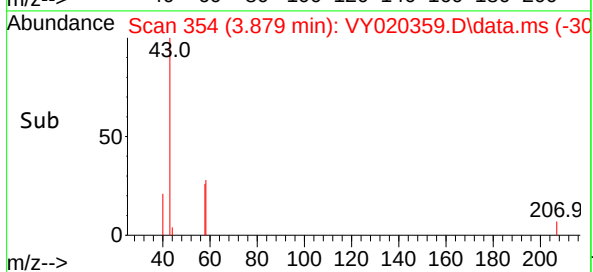
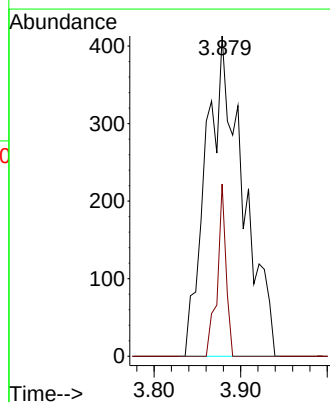
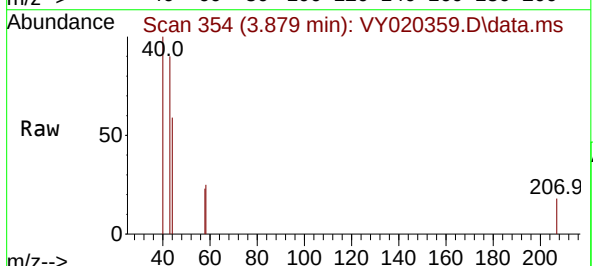


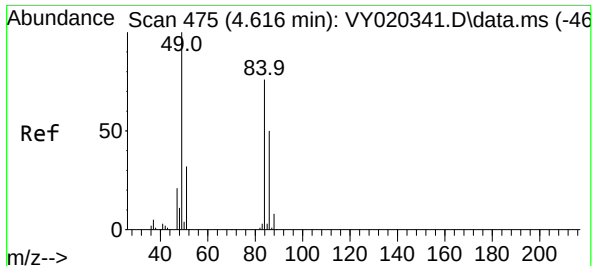
Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 2.979 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

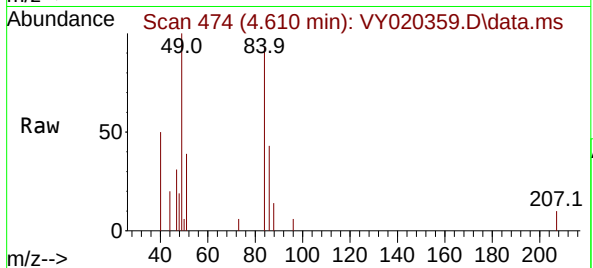
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 53.8 25.7 38.5#





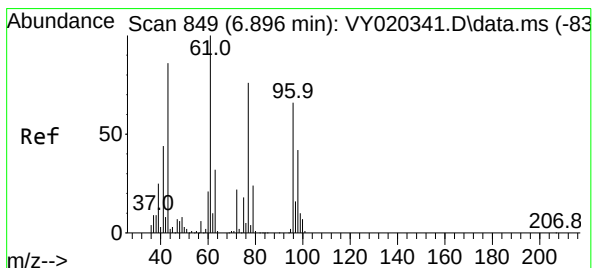
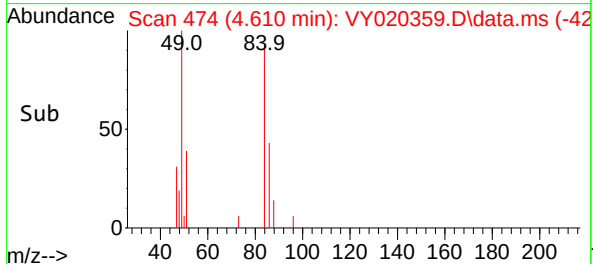
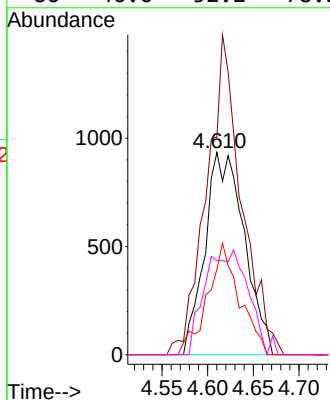
#20
Methylene Chloride
Concen: 1.618 ug/l
RT: 4.610 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2799

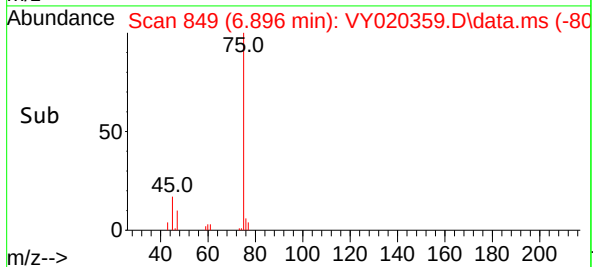
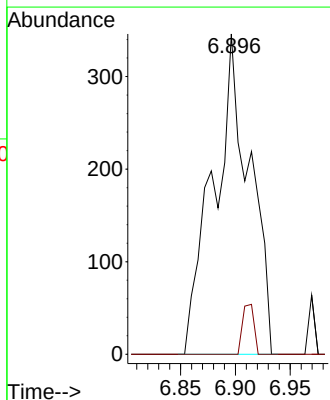
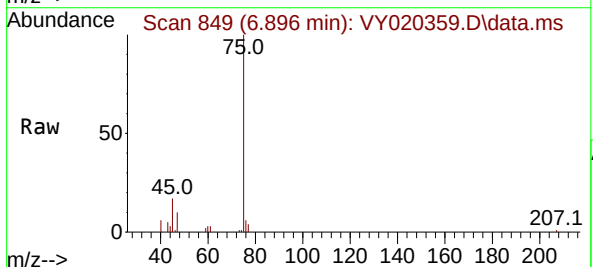
Ion	Ratio	Lower	Upper
84	100		
49	102.1	104.7	157.1#
51	42.3	33.4	50.0
86	46.6	52.2	78.2#

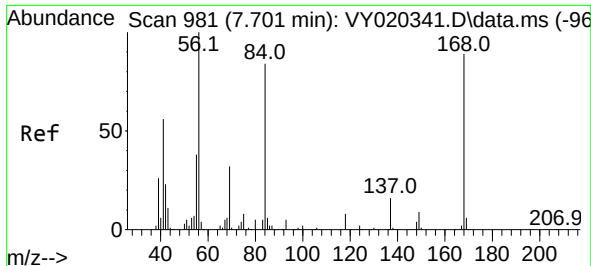


#25
2-Butanone
Concen: 1.514 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Tgt Ion: 43 Resp: 796

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6#

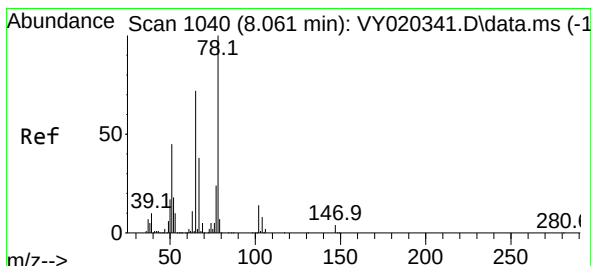
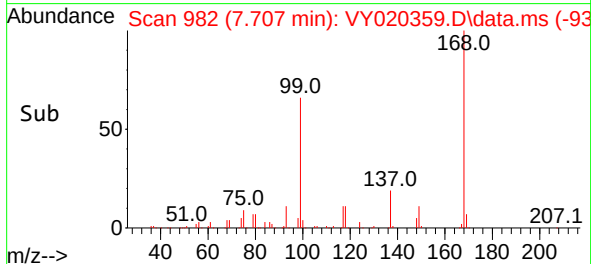
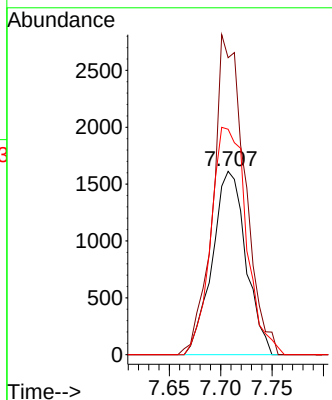
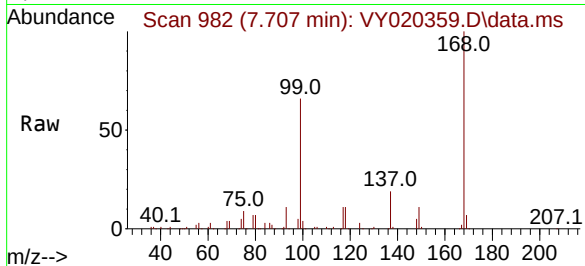




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

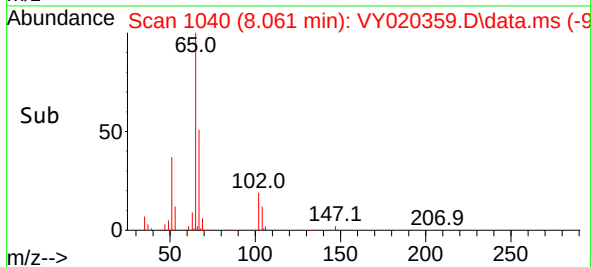
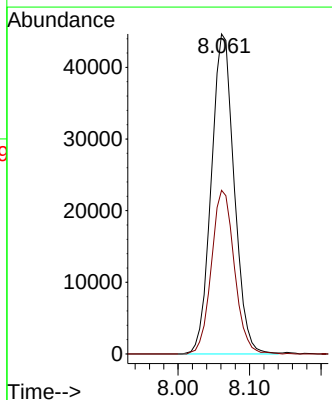
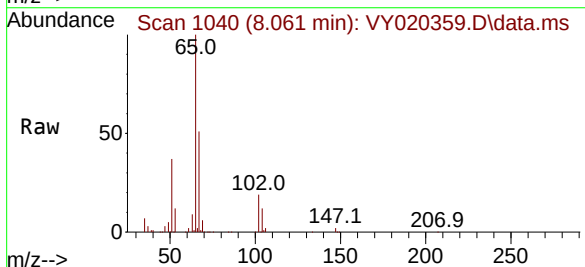
Instrument :
MSVOA_Y
ClientSampleId :

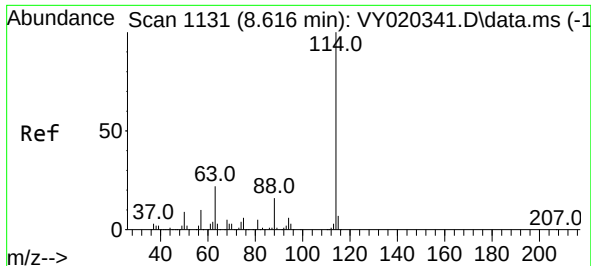
Tgt Ion: 56 Resp: 3675
Ion Ratio Lower Upper
56 100
69 161.9 25.3 37.9#
84 122.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 58.209 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

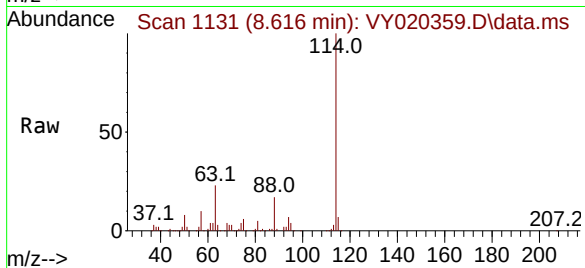
Tgt Ion: 65 Resp: 99194
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8



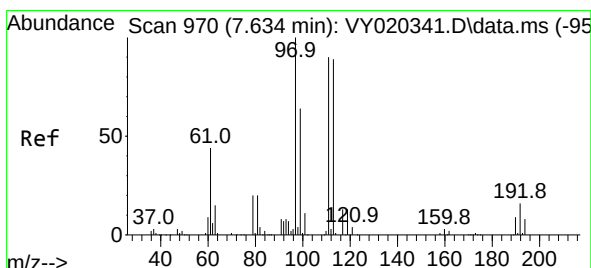
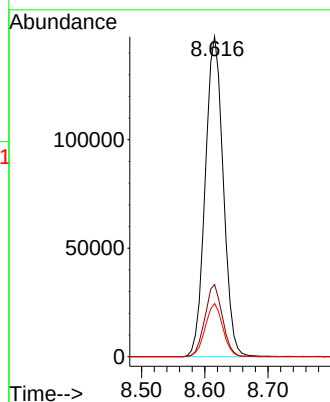
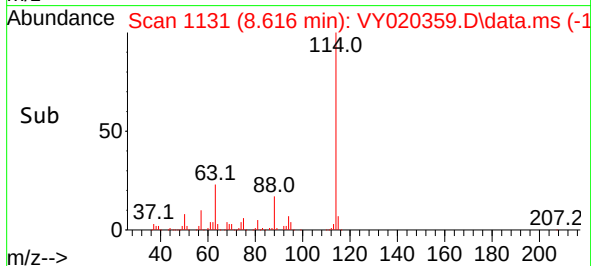


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

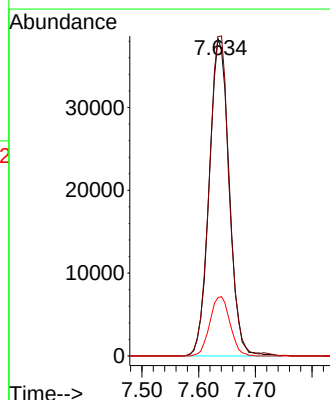
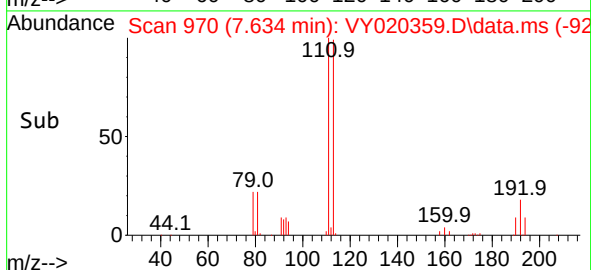
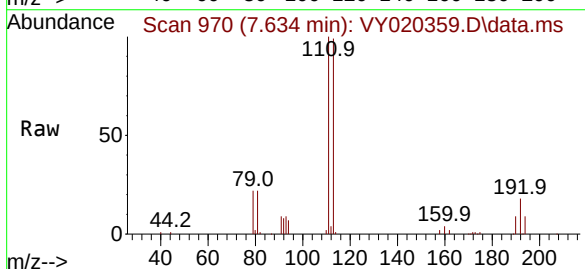


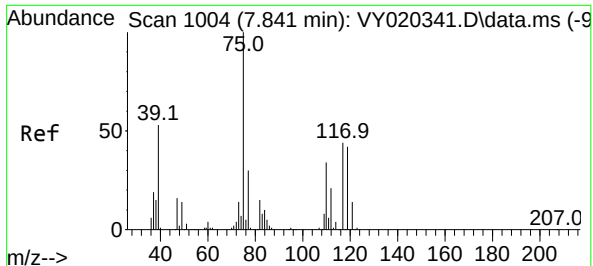
Tgt Ion:114 Resp: 292471
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.8
88 16.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.898 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

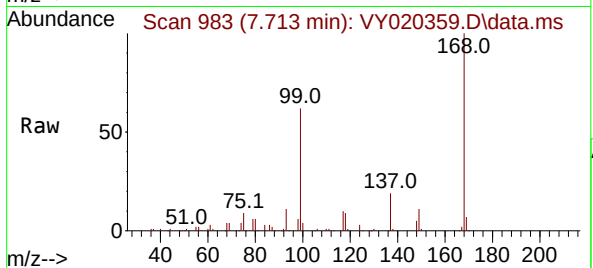
Tgt Ion:113 Resp: 93579
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.0
192 18.9 15.1 22.7



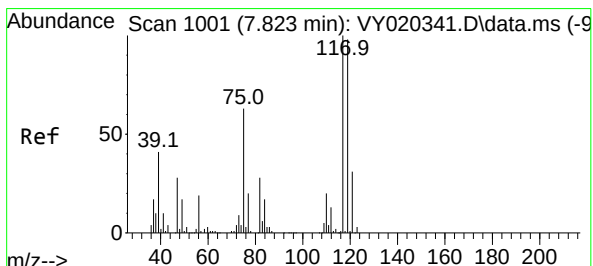
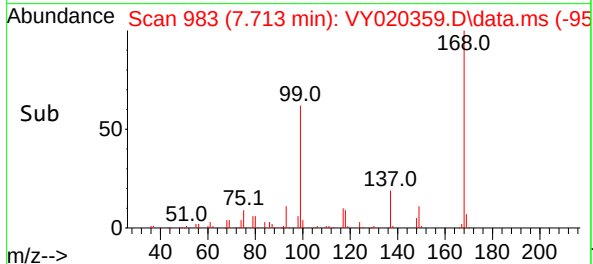
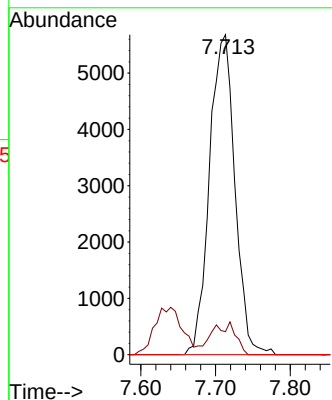


#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

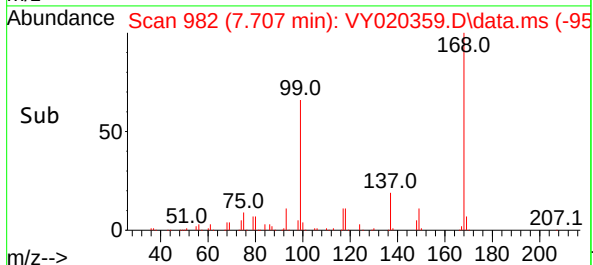
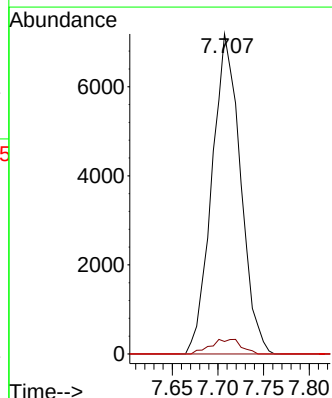
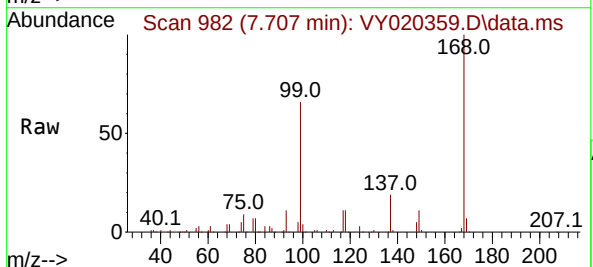


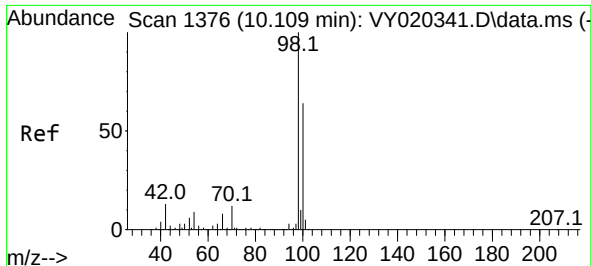
Tgt Ion: 75 Resp: 13471
Ion Ratio Lower Upper
75 100
110 3.4 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Tgt Ion:117 Resp: 15651
Ion Ratio Lower Upper
117 100
119 3.9 77.8 116.6#
121 0.0 24.6 37.0#

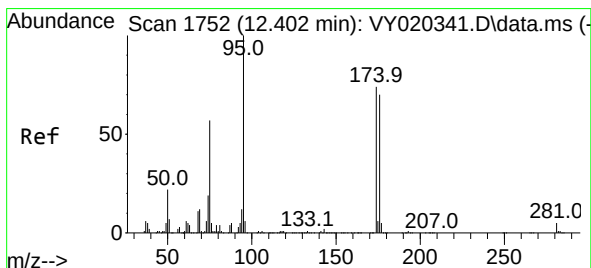
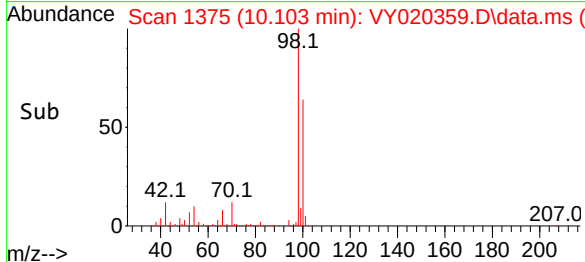
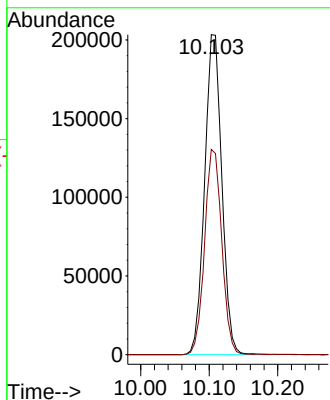
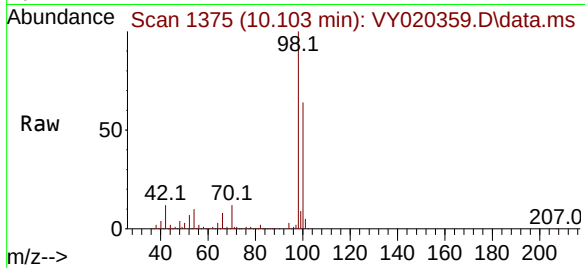




#50
Toluene-d8
Concen: 48.242 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

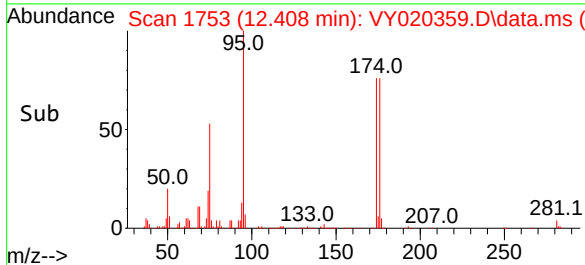
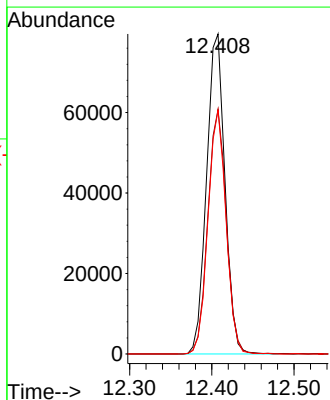
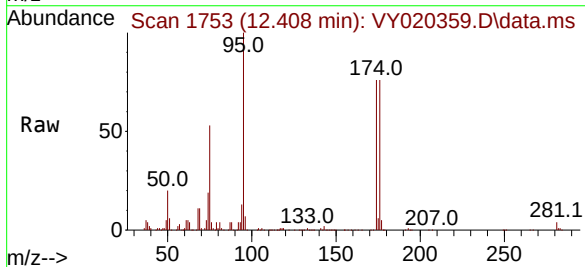
Instrument :
MSVOA_Y
ClientSampleId :

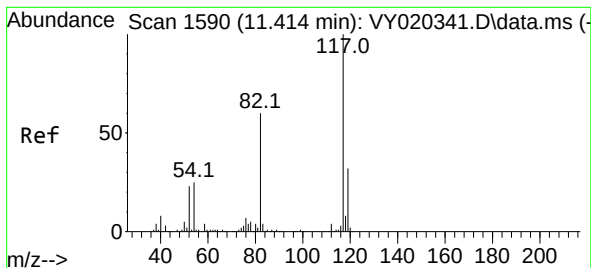
Tgt Ion: 98 Resp: 356392
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 52.119 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Tgt Ion: 95 Resp: 123776
Ion Ratio Lower Upper
95 100
174 76.7 0.0 156.8
176 74.5 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020359.D

Acq: 20 Nov 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

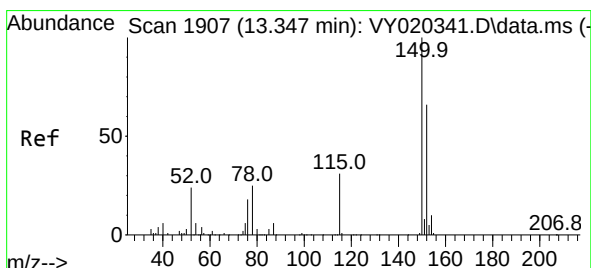
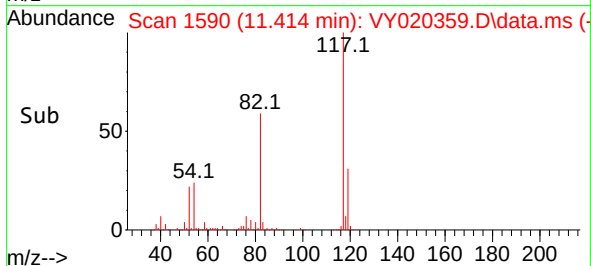
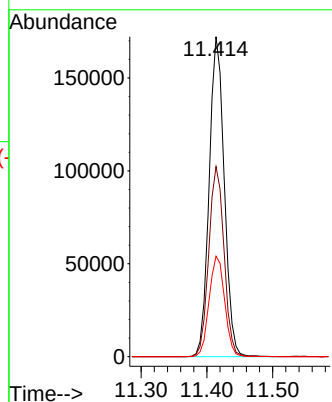
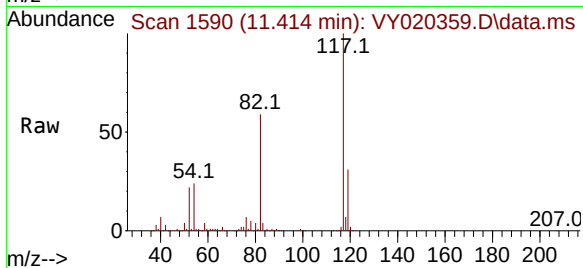
Tgt Ion:117 Resp: 275316

Ion Ratio Lower Upper

117 100

82 59.4 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020359.D

Acq: 20 Nov 2024 15:04

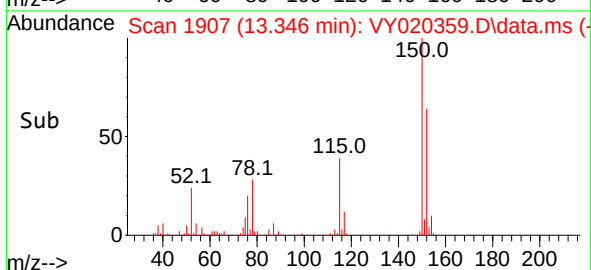
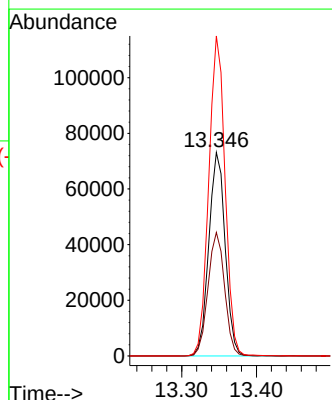
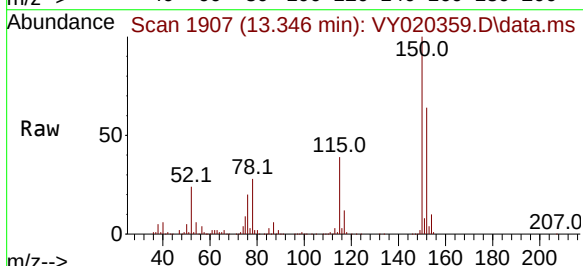
Tgt Ion:152 Resp: 111330

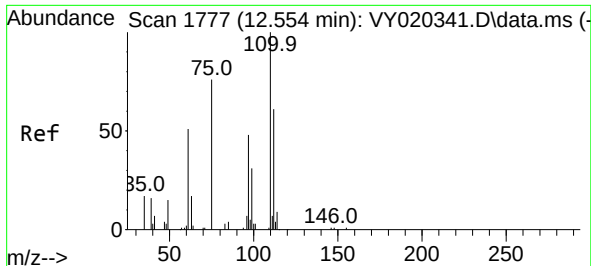
Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 156.2 0.0 348.2

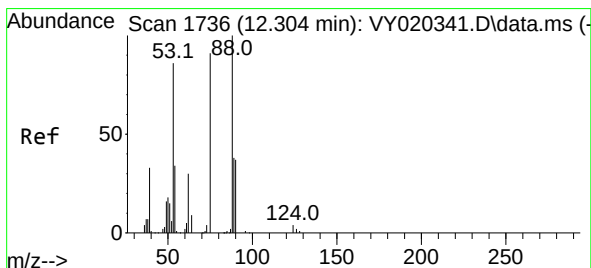
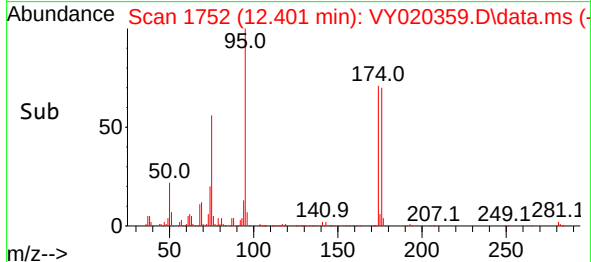
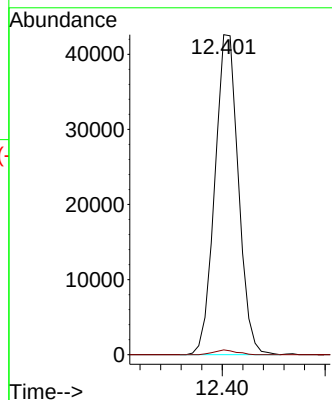
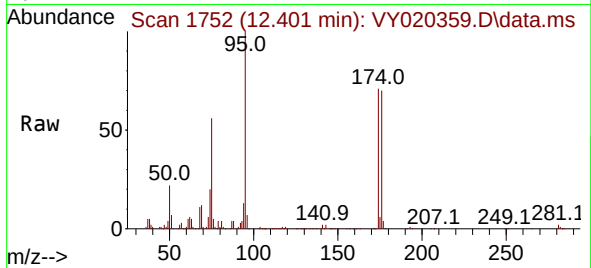




#76
1,2,3-Trichloropropane
Concen: 64.442 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67620
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.271 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020359.D
Acq: 20 Nov 2024 15:04

Tgt Ion: 75 Resp: 67620
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

