

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020385.D
 Acq On : 21 Nov 2024 14:33
 Operator : SY/MD
 Sample : P4870-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:24:49 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	158064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	305417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	113581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95129	52.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.760%
35) Dibromofluoromethane	7.634	113	95728	48.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.109	98	372722	48.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.408	95	125851	50.746	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.500%

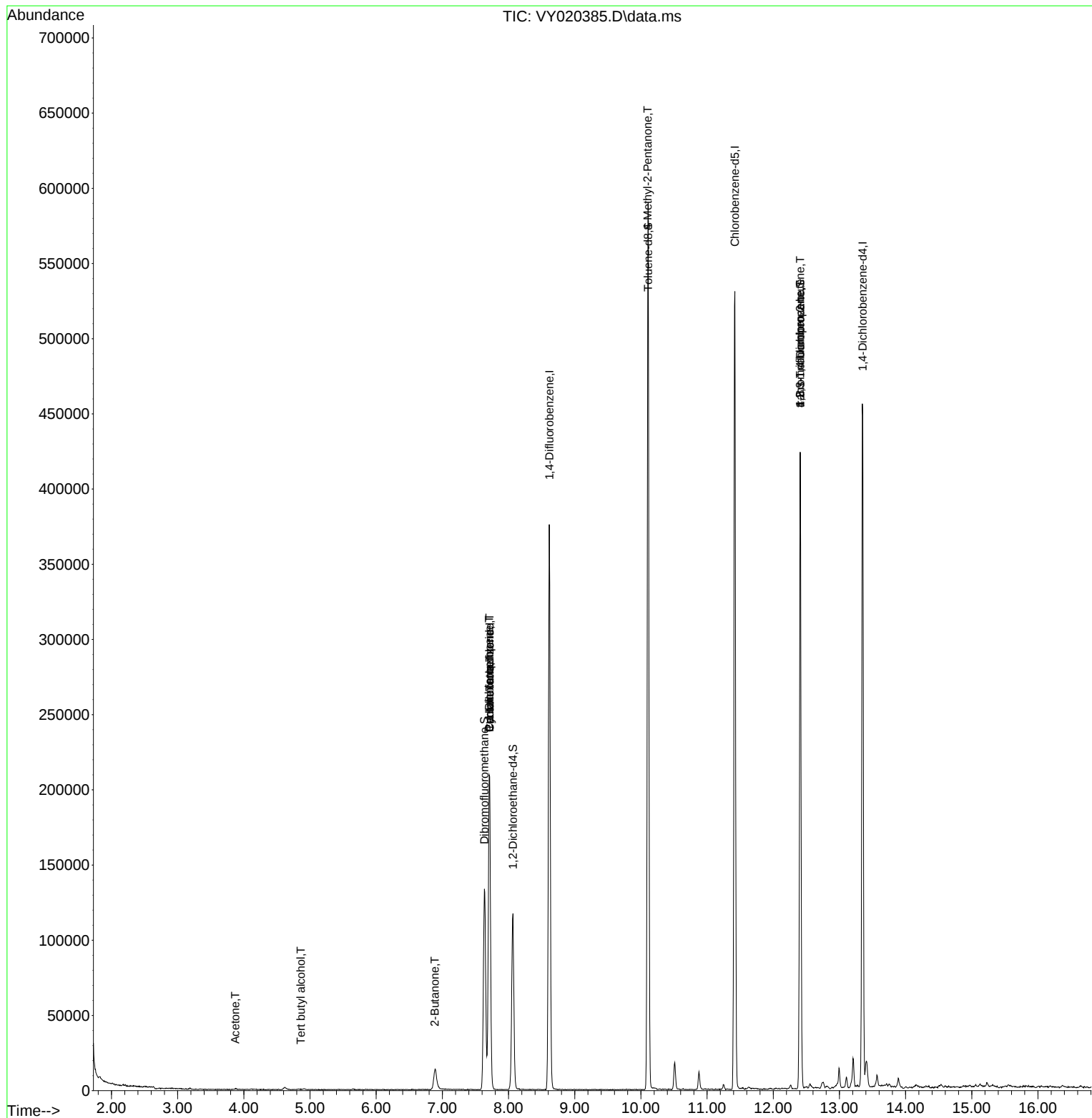
Target Compounds					Qvalue	
3) Chloromethane	2.074	50	121	Below Cal	#	41
11) Tert butyl alcohol	4.860	59	410	2.225	ug/l #	73
16) Acetone	3.873	43	900	2.067	ug/l #	83
25) 2-Butanone	6.884	43	991	1.768	ug/l #	50
31) Cyclohexane	7.713	56	3525	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	13445	4.495	ug/l #	52
38) Carbon Tetrachloride	7.713	117	17076	5.468	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	1618	1.196	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	68621	64.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	68621	125.601	ug/l #	9

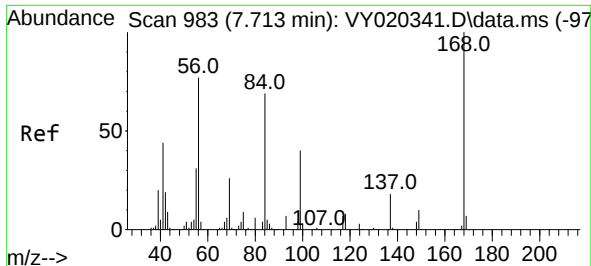
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 22 00:24:49 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

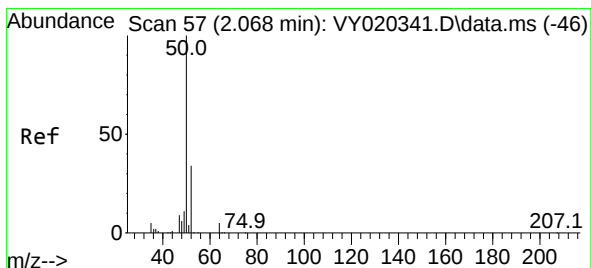
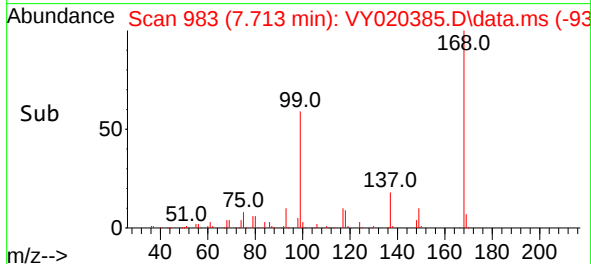
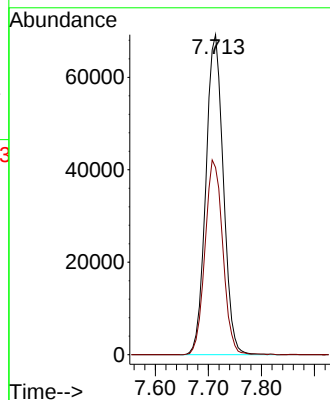
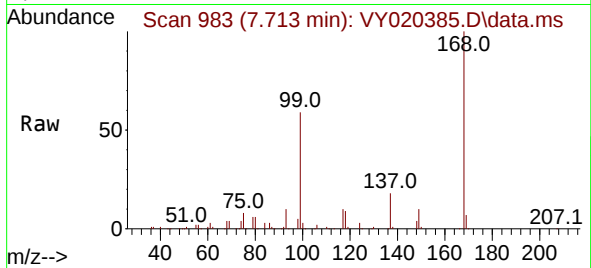




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

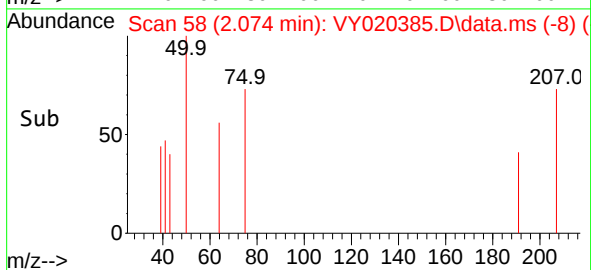
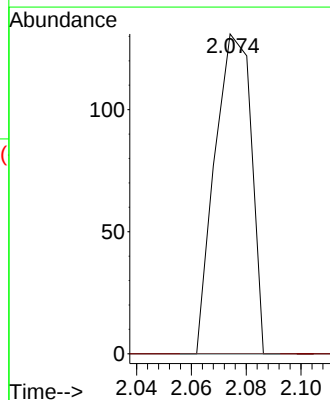
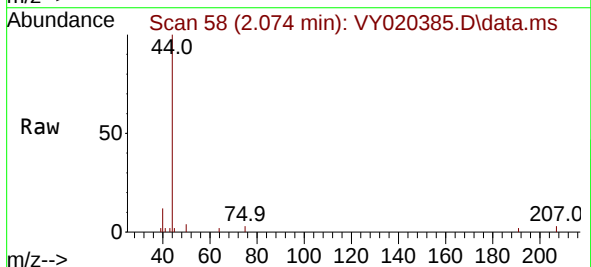
Instrument :
MSVOA_Y
ClientSampleId :

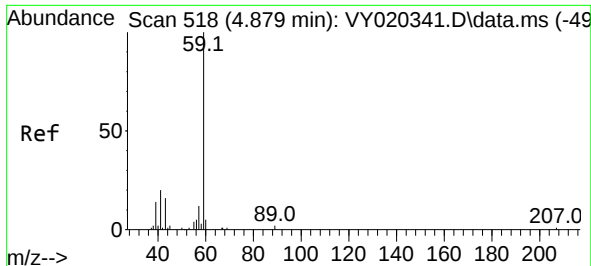
Tgt Ion:168 Resp: 158064
Ion Ratio Lower Upper
168 100
99 58.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

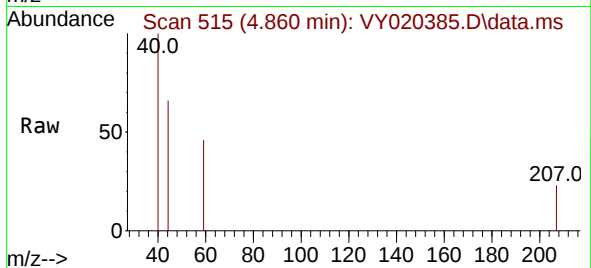
Tgt Ion: 50 Resp: 121
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



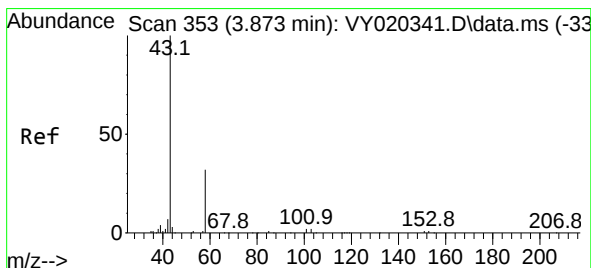
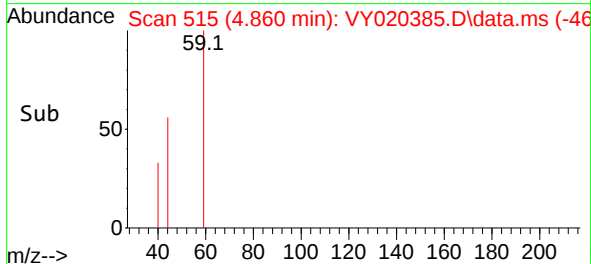
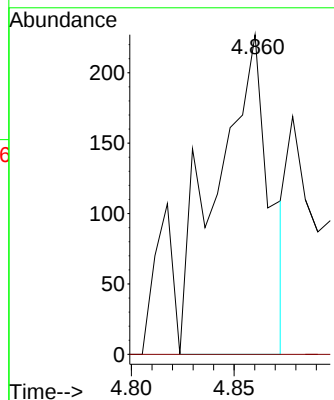


#11
Tert butyl alcohol
Concen: 2.225 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

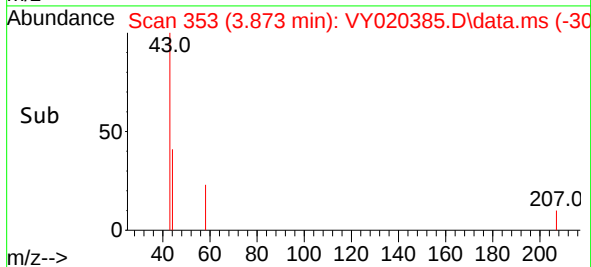
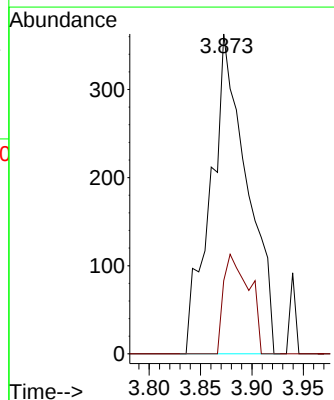
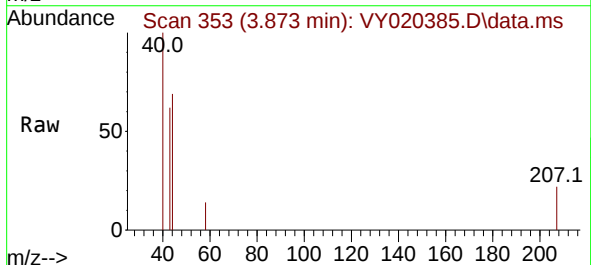


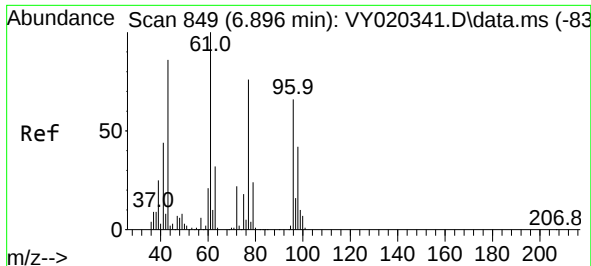
Tgt Ion: 59 Resp: 410
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 2.067 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

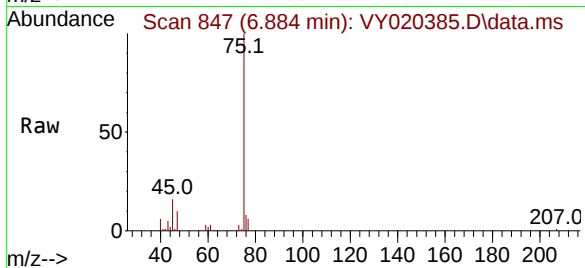
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 22.9 25.7 38.5#



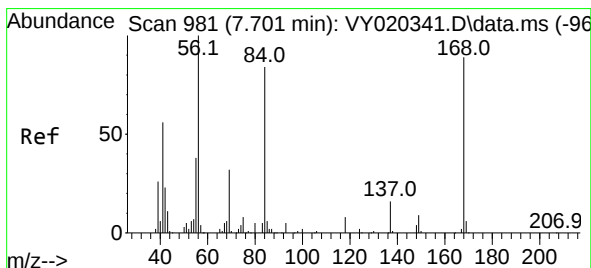
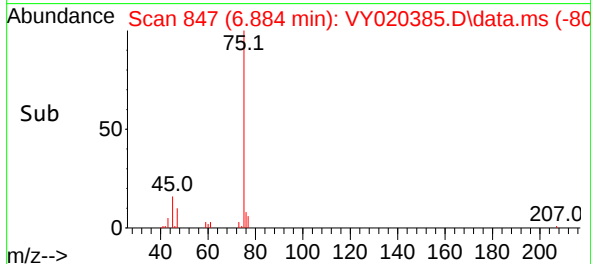
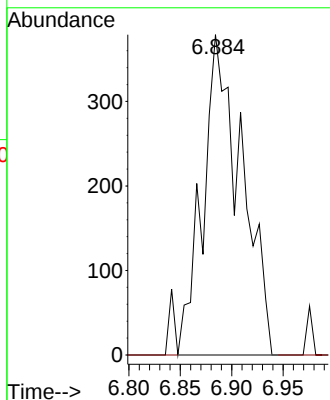


#25
2-Butanone
Concen: 1.768 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

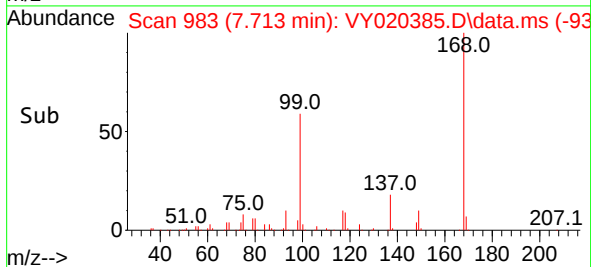
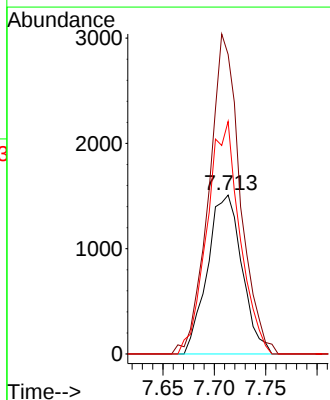
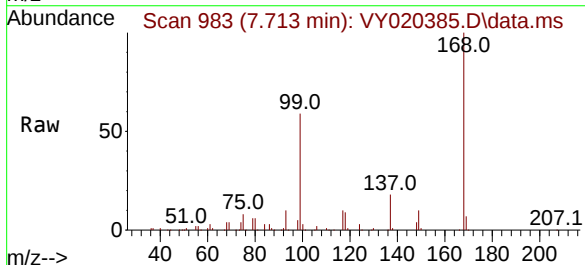


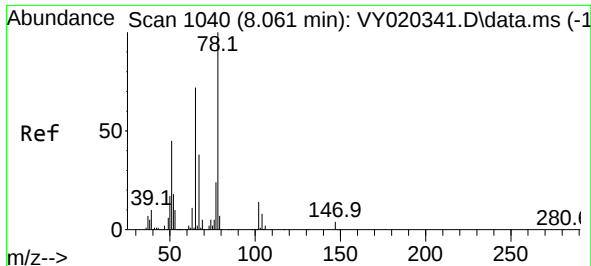
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.041 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 56 Resp: 3525
Ion Ratio Lower Upper
56 100
69 188.5 25.3 37.9#
84 146.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.385 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020385.D

Acq: 21 Nov 2024 14:33

Instrument :

MSVOA_Y

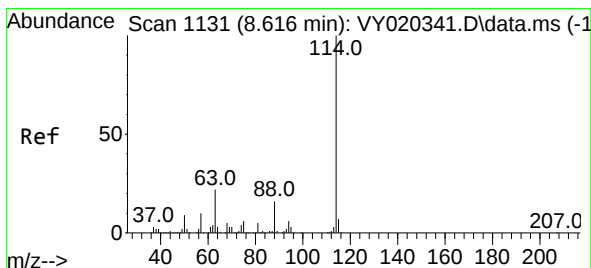
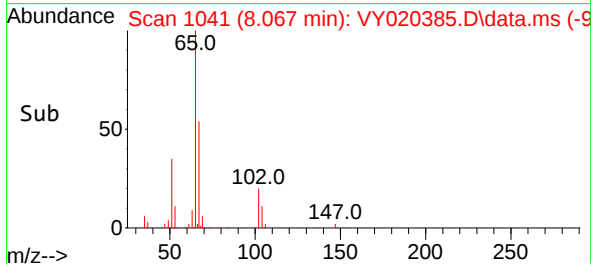
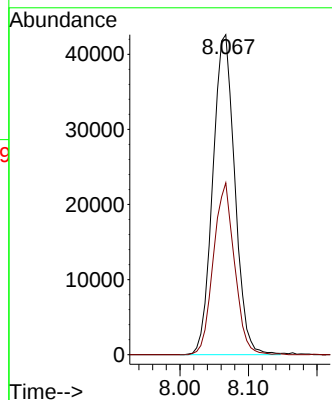
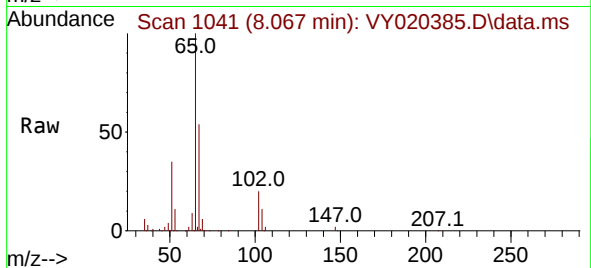
ClientSampleId :

Tgt Ion: 65 Resp: 95129

Ion Ratio Lower Upper

65 100

67 51.6 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: VY020385.D

Acq: 21 Nov 2024 14:33

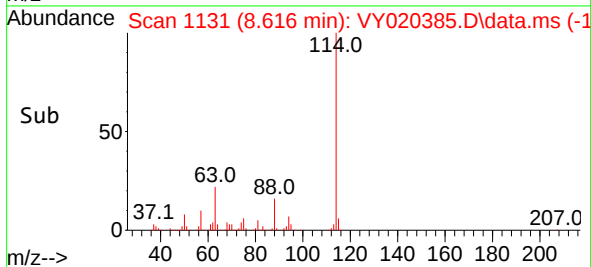
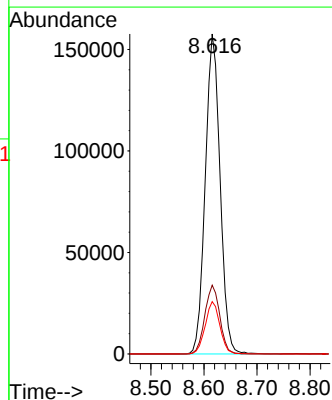
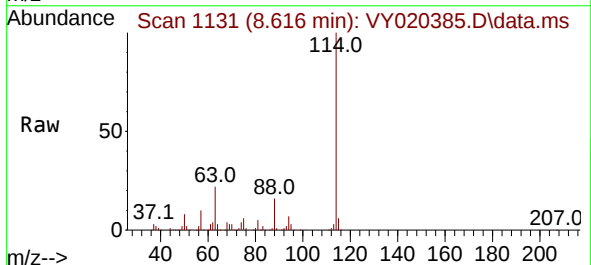
Tgt Ion:114 Resp: 305417

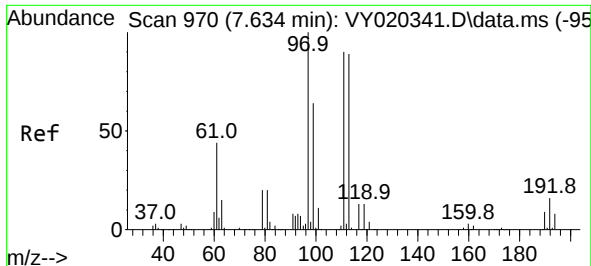
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

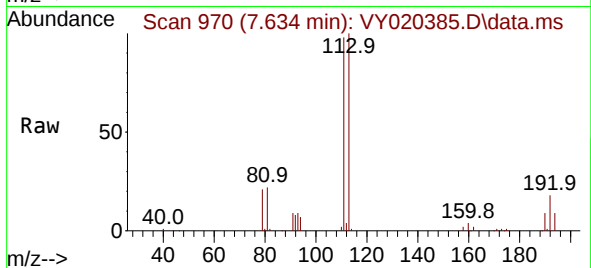
88 16.3 0.0 32.0



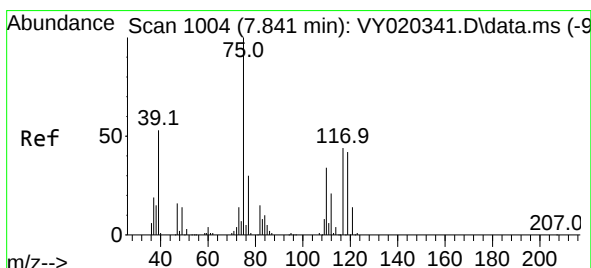
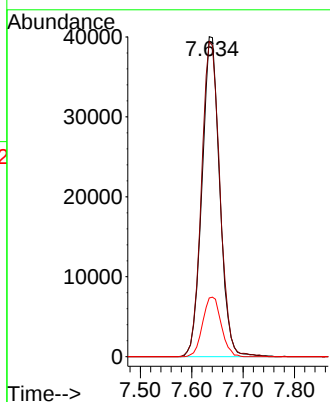
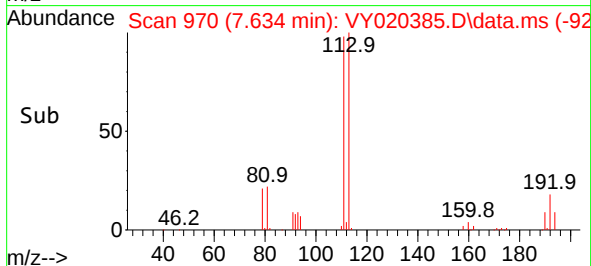


#35
Dibromofluoromethane
Concen: 48.880 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

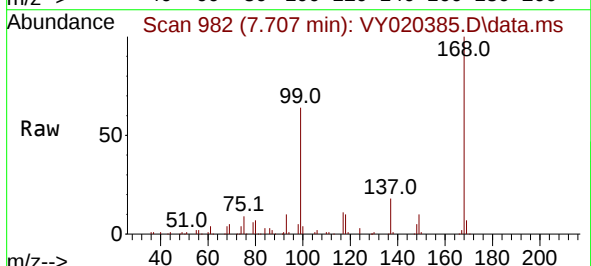
Instrument :
MSVOA_Y
ClientSampleId :



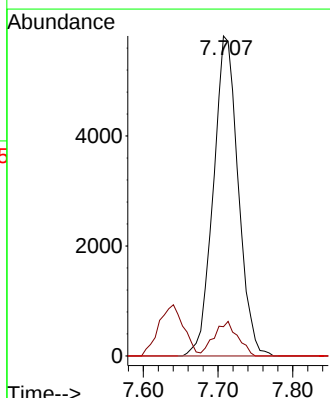
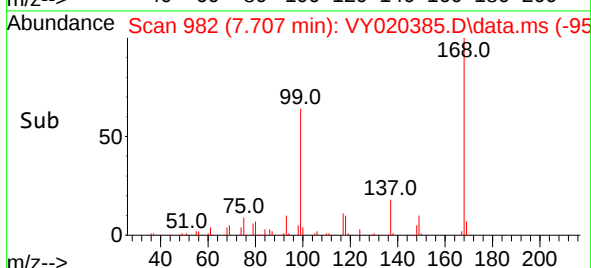
Tgt Ion:113 Resp: 95728
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.5 15.1 22.7

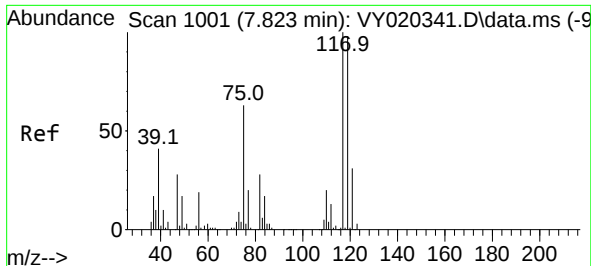


#36
1,1-Dichloropropene
Concen: 4.495 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33



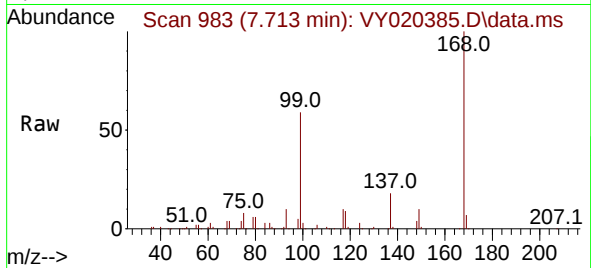
Tgt Ion: 75 Resp: 13445
Ion Ratio Lower Upper
75 100
110 10.2 16.7 50.0#
77 0.0 24.6 36.8#



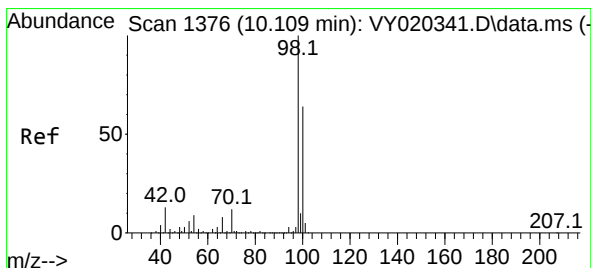
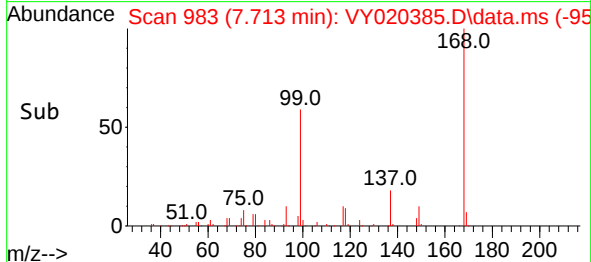
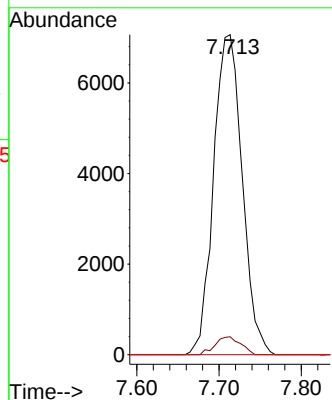


#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

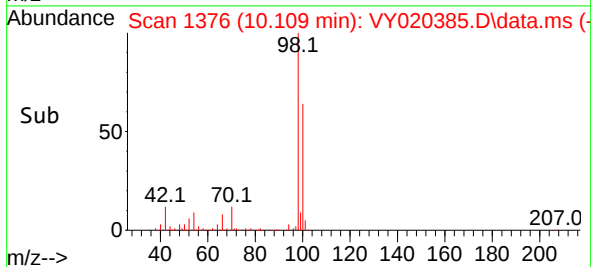
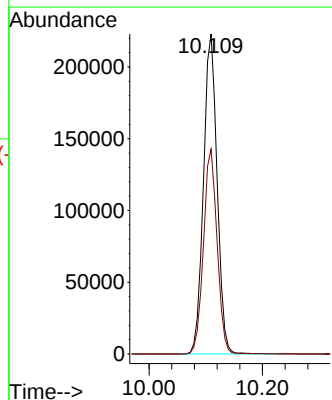
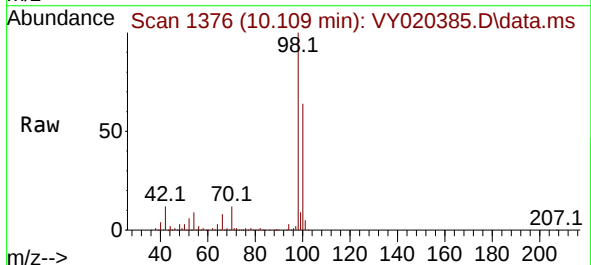


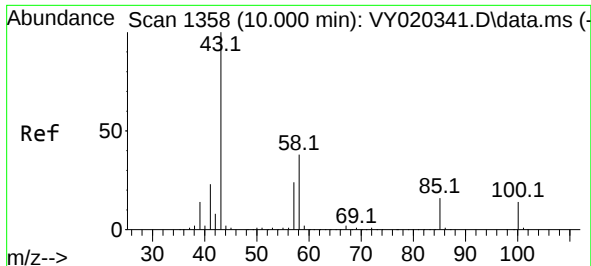
Tgt Ion:117 Resp: 17076
Ion Ratio Lower Upper
117 100
119 5.6 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.314 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 98 Resp: 372722
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9

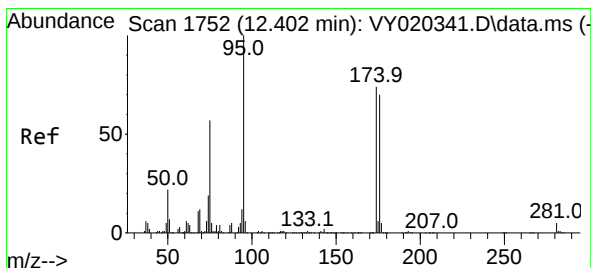
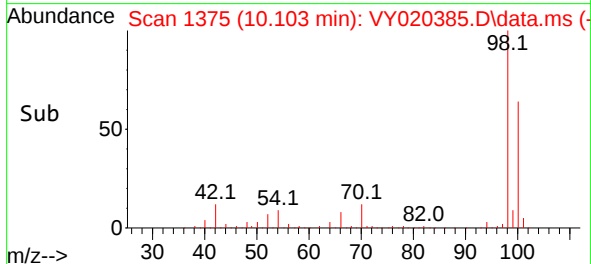
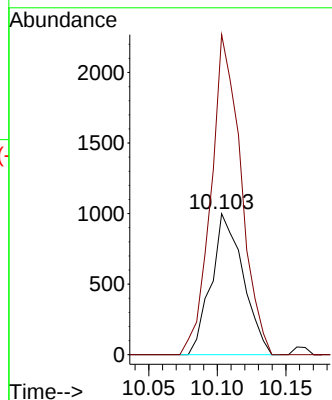
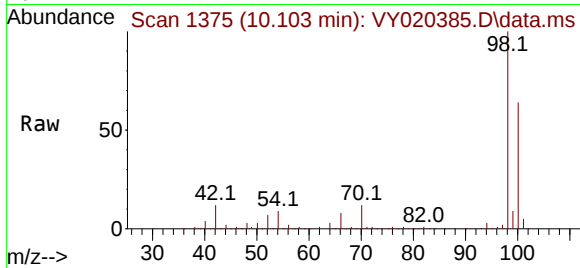




#51
4-Methyl-2-Pentanone
Concen: 1.196 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

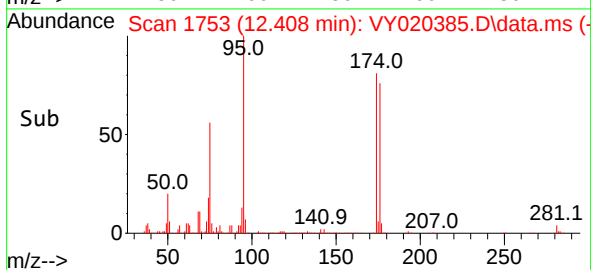
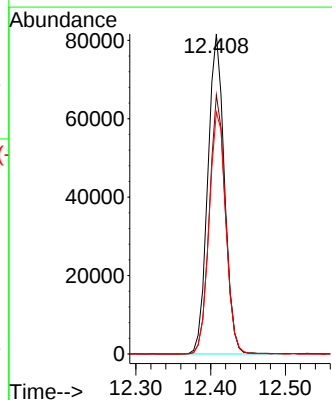
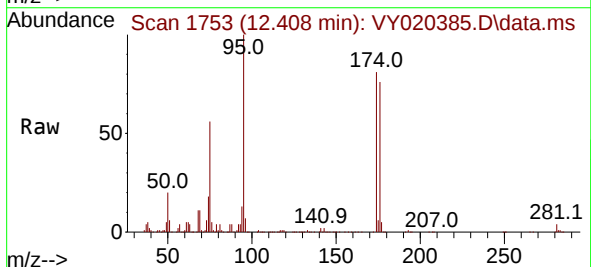
Instrument :
MSVOA_Y
ClientSampleId :

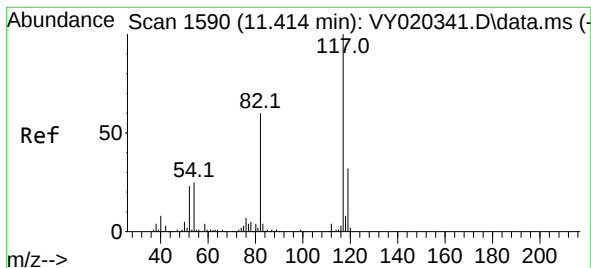
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 213.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 50.746 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 95 Resp: 125851
Ion Ratio Lower Upper
95 100
174 78.6 0.0 156.8
176 76.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020385.D

Acq: 21 Nov 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

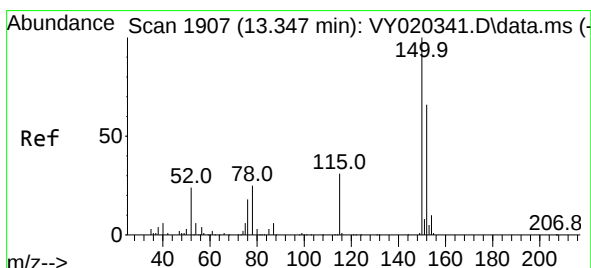
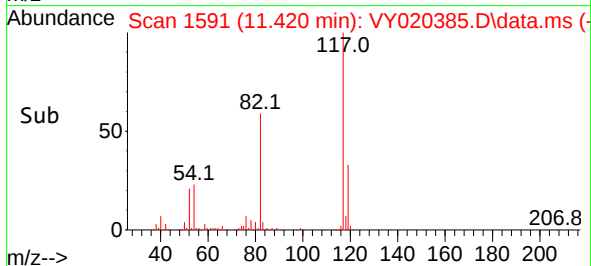
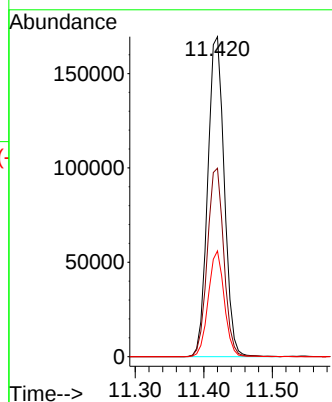
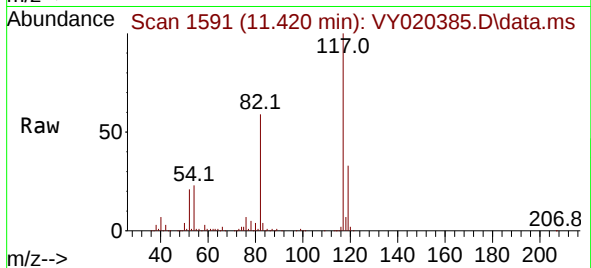
Tgt Ion:117 Resp: 284808

Ion Ratio Lower Upper

117 100

82 58.9 48.2 72.4

119 33.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020385.D

Acq: 21 Nov 2024 14:33

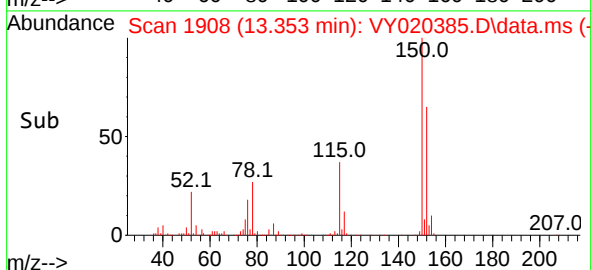
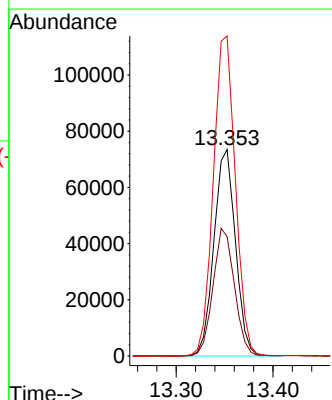
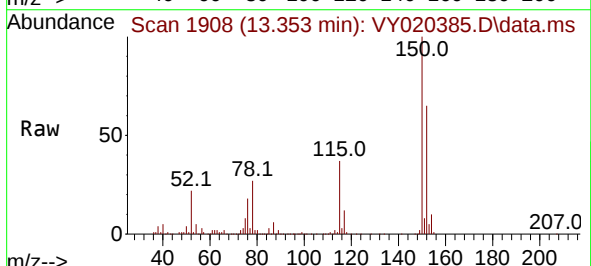
Tgt Ion:152 Resp: 113581

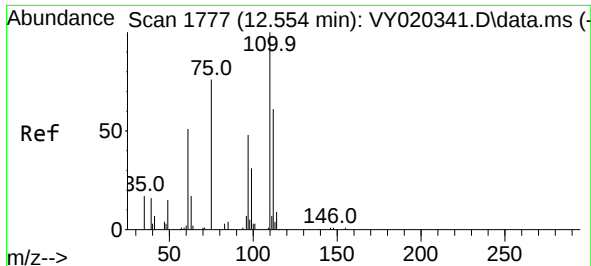
Ion Ratio Lower Upper

152 100

115 61.5 30.0 90.0

150 158.8 0.0 348.2

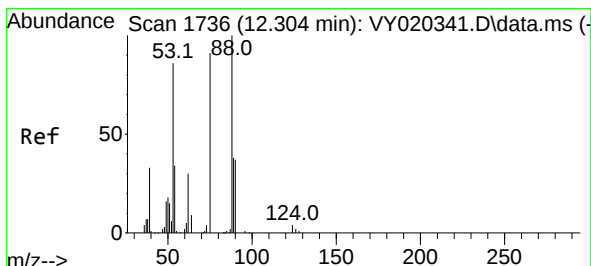
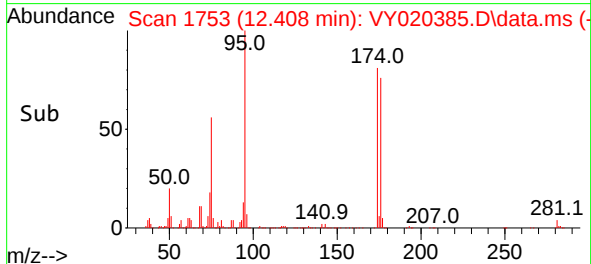
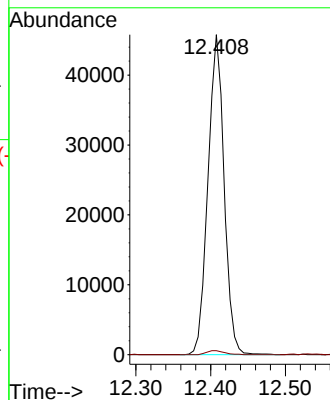
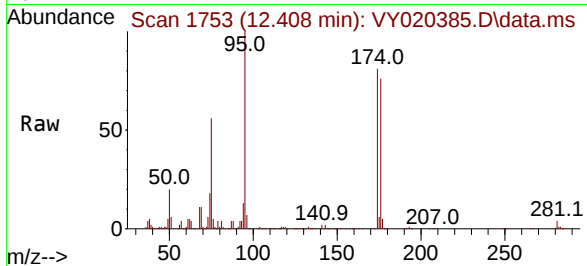




#76
1,2,3-Trichloropropane
Concen: 64.100 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68621
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.601 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020385.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 75 Resp: 68621
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

