

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020461.D
 Acq On : 27 Nov 2024 13:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 01:00:16 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	132756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	253557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	234657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	87917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	76353	50.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.120%
35) Dibromofluoromethane	7.640	113	78646	48.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.109	98	308674	48.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.408	95	98517	47.849	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.700%

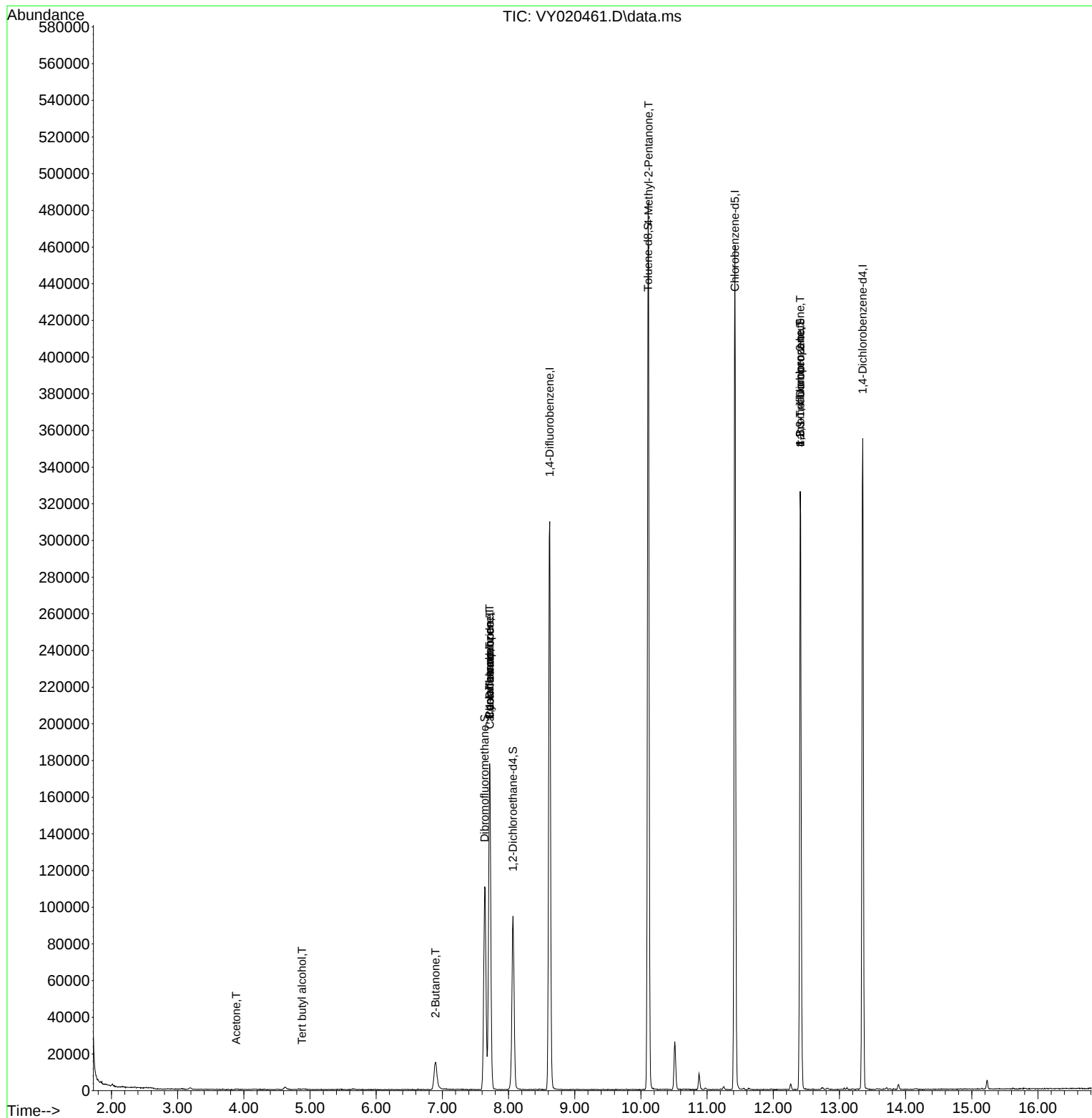
Target Compounds					Qvalue	
3) Chloromethane	2.074	50	105	Below Cal	#	41
11) Tert butyl alcohol	4.878	59	346	2.239	ug/l #	73
16) Acetone	3.885	43	504	1.378	ug/l #	43
25) 2-Butanone	6.896	43	867	1.842	ug/l #	50
31) Cyclohexane	7.713	56	2890	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	11541	4.647	ug/l #	51
38) Carbon Tetrachloride	7.719	117	14347	5.533	ug/l #	15
51) 4-Methyl-2-Pentanone	10.115	43	1422	1.267	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	55655	67.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	55655	131.605	ug/l #	9

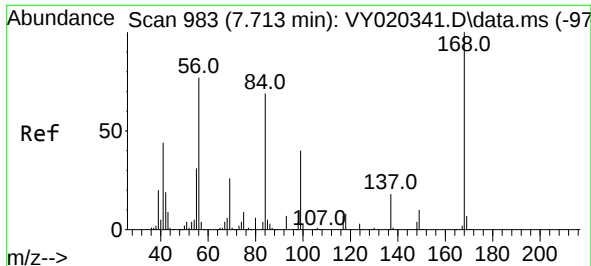
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
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MSVOA_Y
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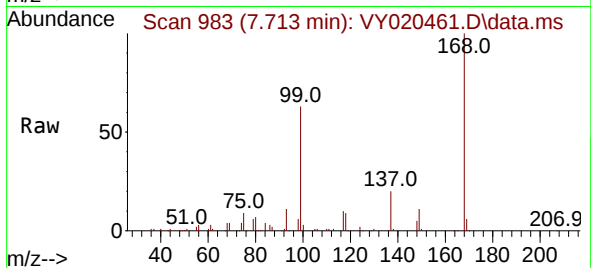
Quant Time: Nov 28 01:00:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



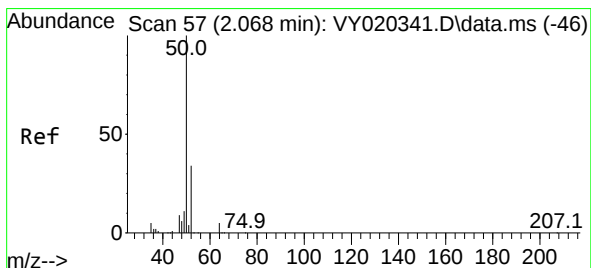
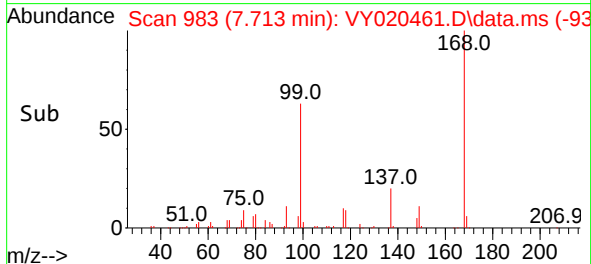
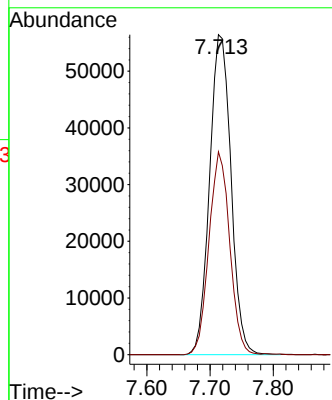


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

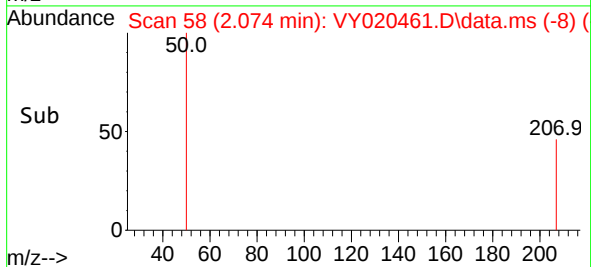
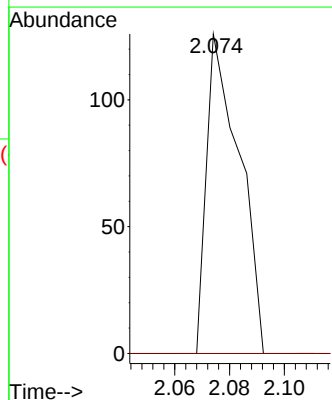
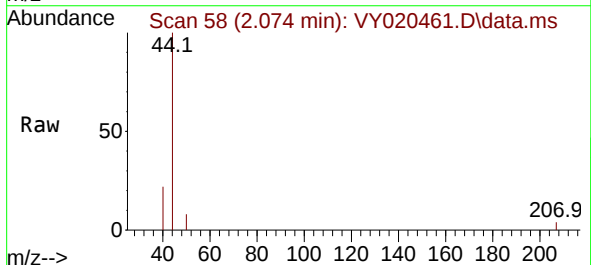


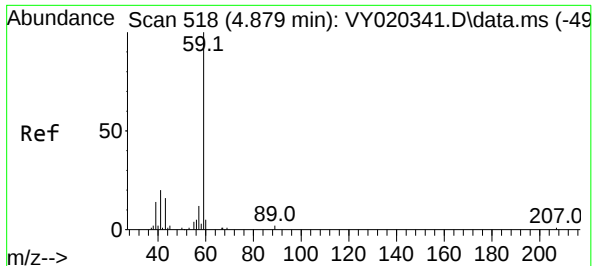
Tgt Ion:168 Resp: 132756
Ion Ratio Lower Upper
168 100
99 63.4 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

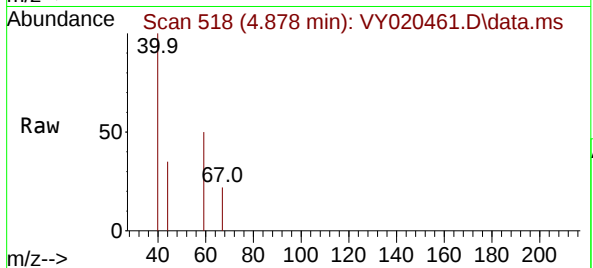
Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



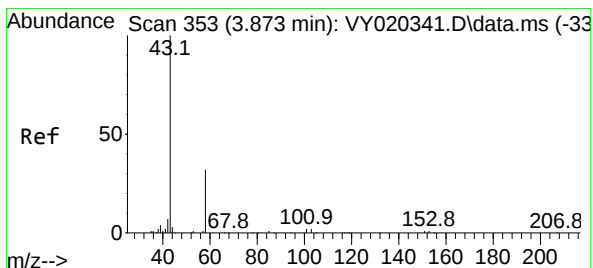
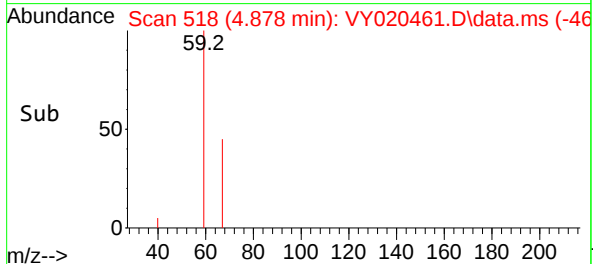
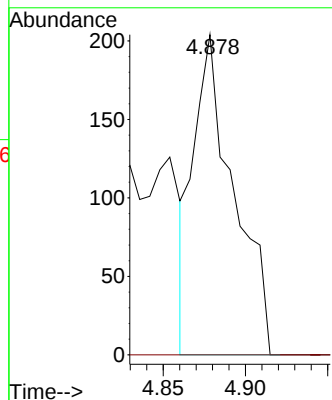


#11
Tert butyl alcohol
Concen: 2.239 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

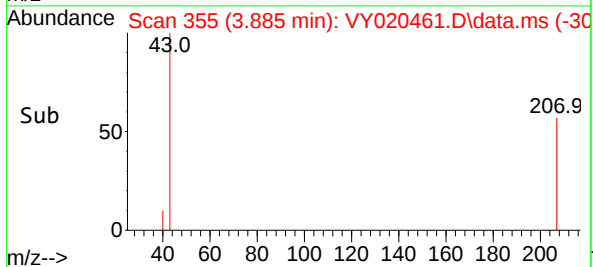
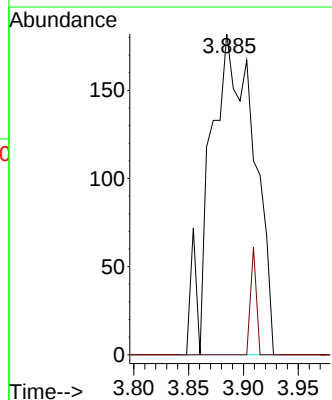
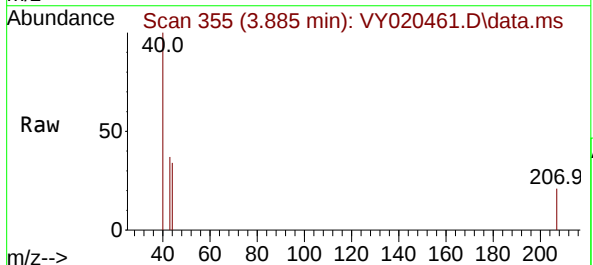


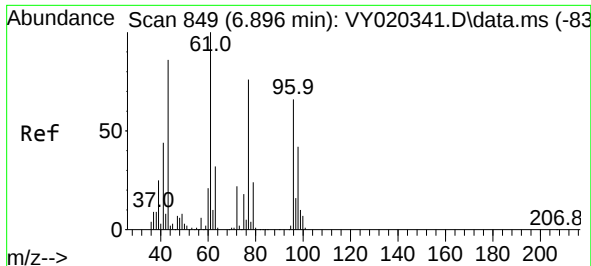
Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.378 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

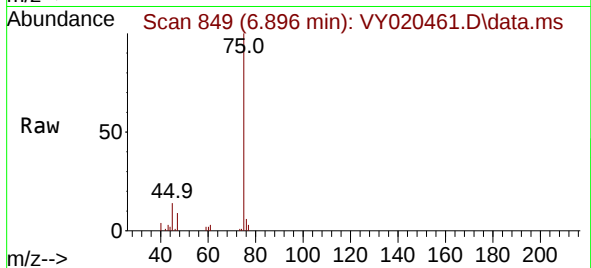
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



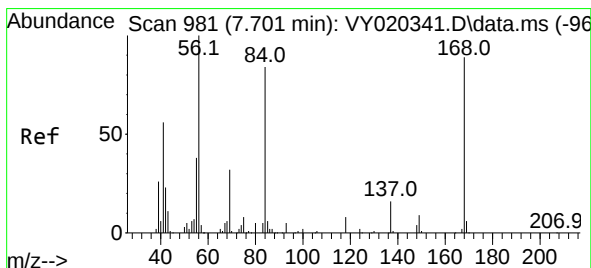
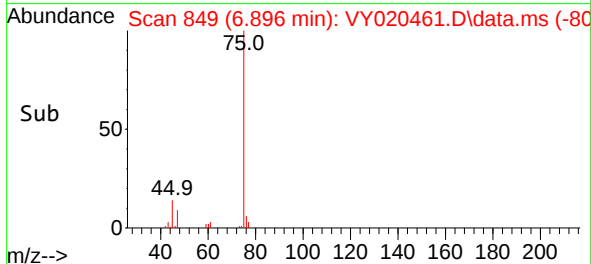
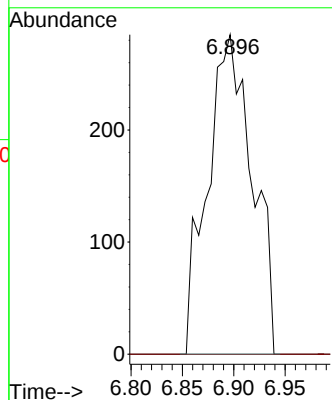


#25
2-Butanone
Concen: 1.842 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

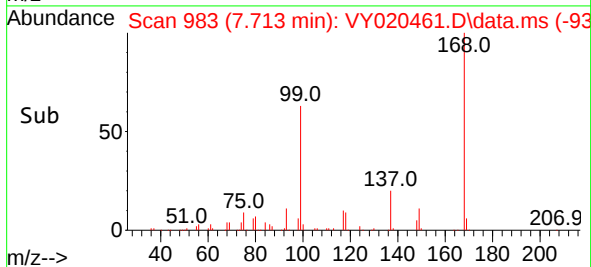
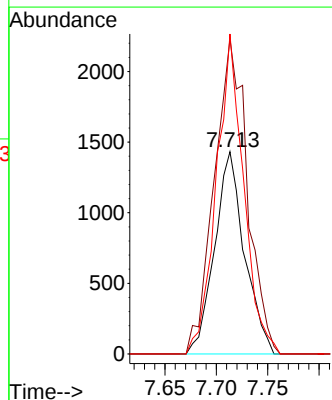
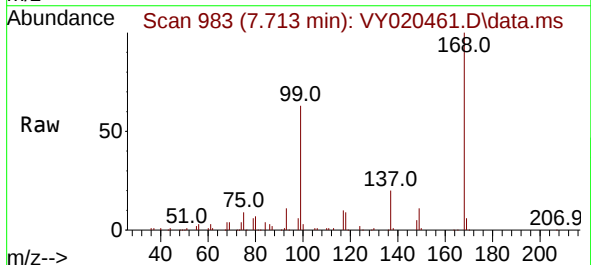


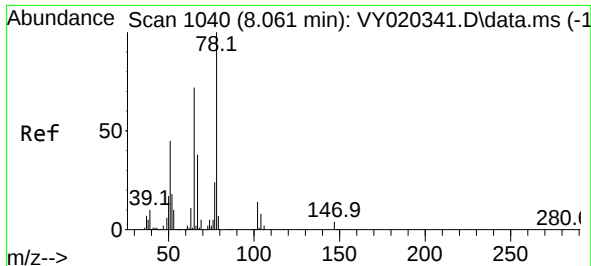
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Tgt Ion: 56 Resp: 2890
Ion Ratio Lower Upper
56 100
69 155.9 25.3 37.9#
84 158.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.061 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020461.D

Acq: 27 Nov 2024 13:43

Instrument :

MSVOA_Y

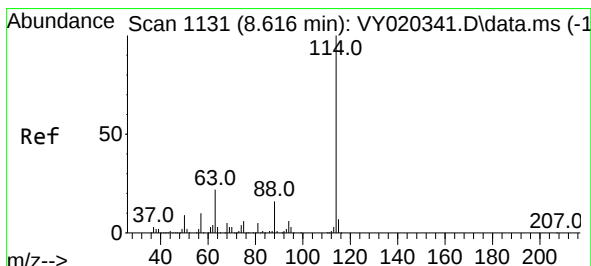
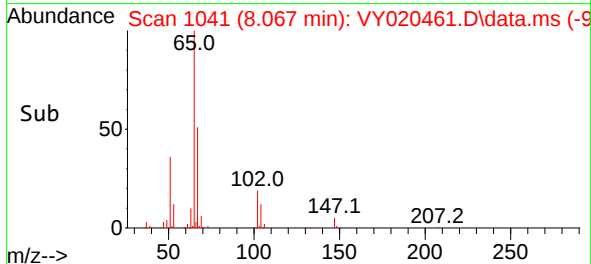
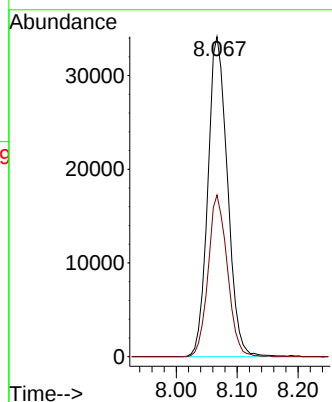
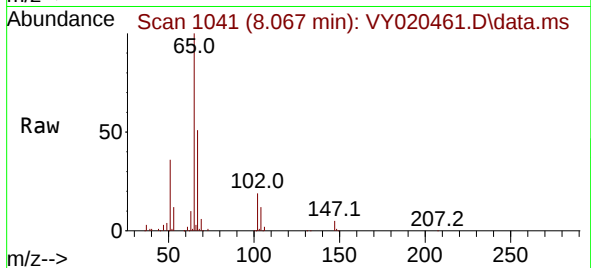
ClientSampleId :

Tgt Ion: 65 Resp: 76353

Ion Ratio Lower Upper

65 100

67 49.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020461.D

Acq: 27 Nov 2024 13:43

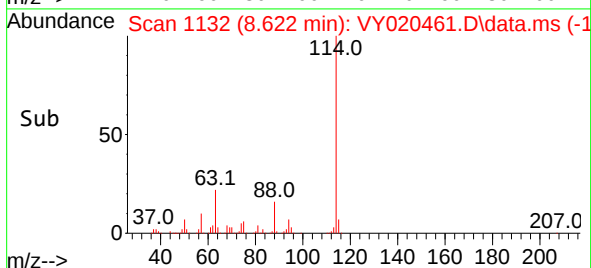
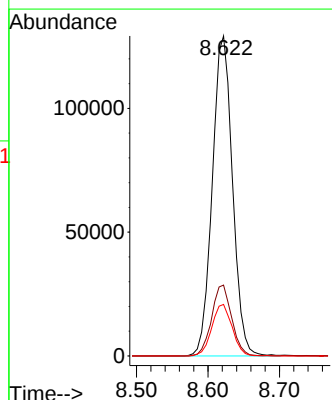
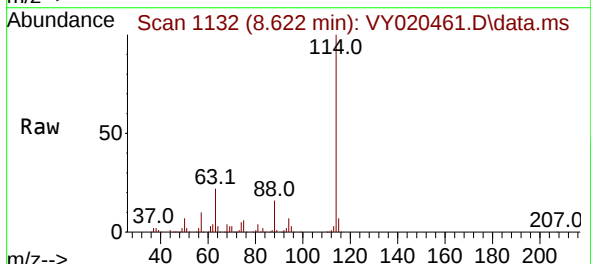
Tgt Ion: 114 Resp: 253557

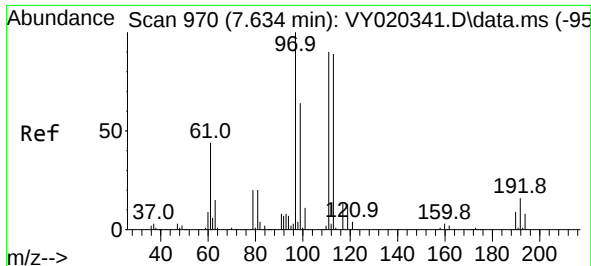
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.8

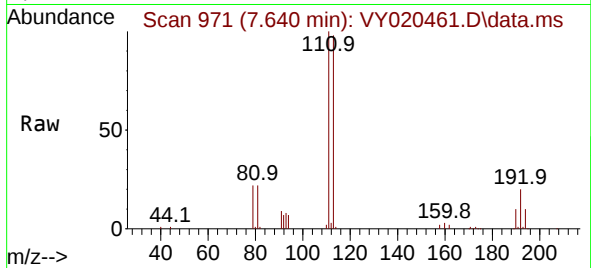
88 16.1 0.0 32.0



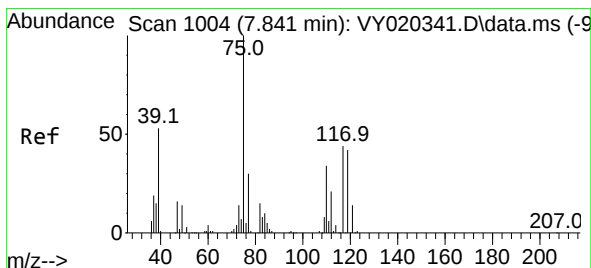
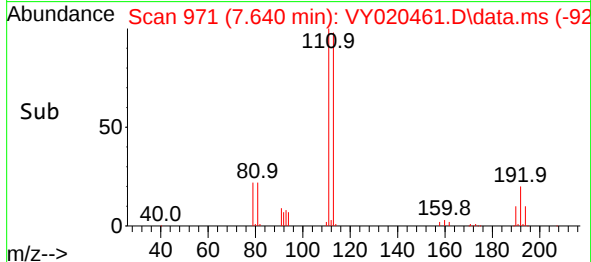
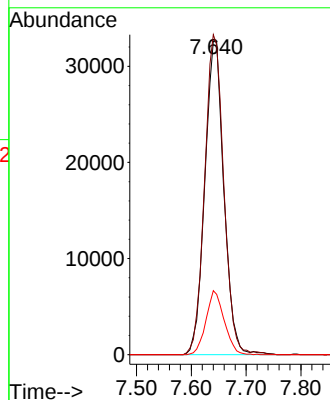


#35
Dibromofluoromethane
Concen: 48.371 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

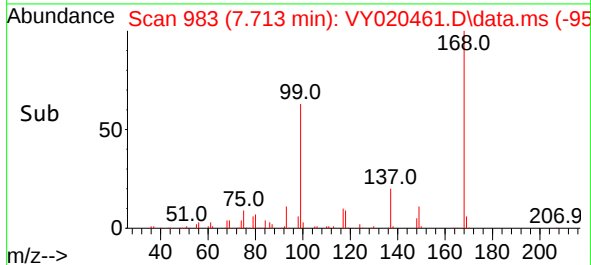
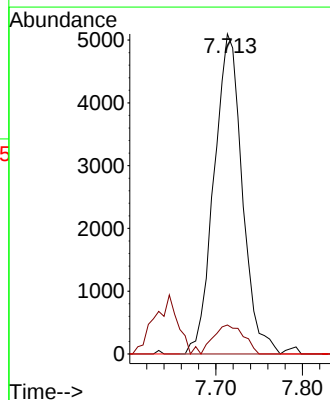
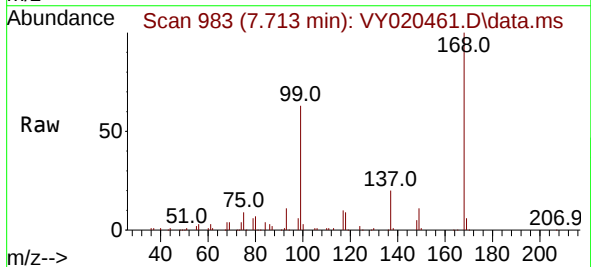


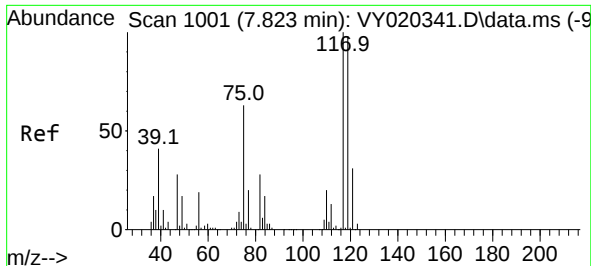
Tgt Ion:113 Resp: 78646
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 19.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

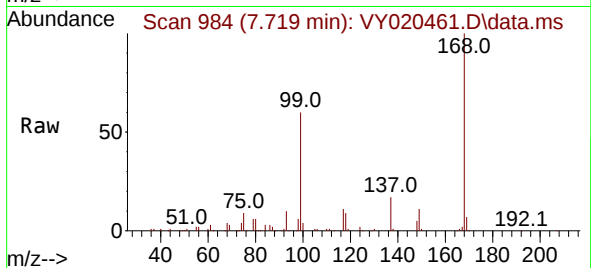
Tgt Ion: 75 Resp: 11541
Ion Ratio Lower Upper
75 100
110 9.7 16.7 50.0#
77 0.0 24.6 36.8#



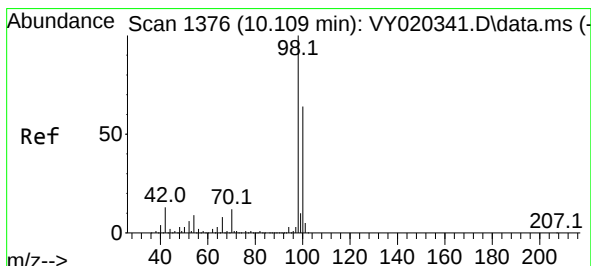
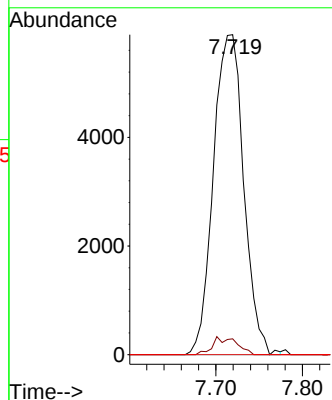
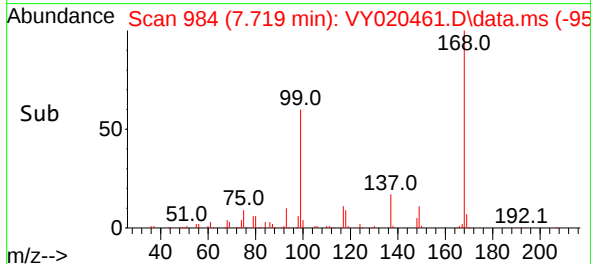


#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

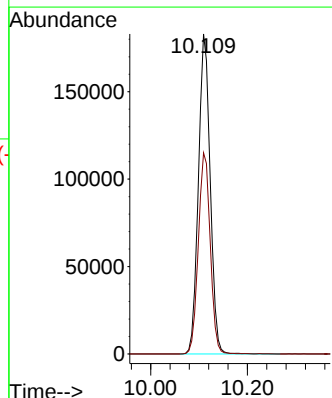
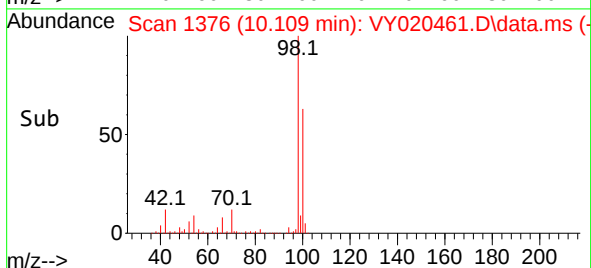
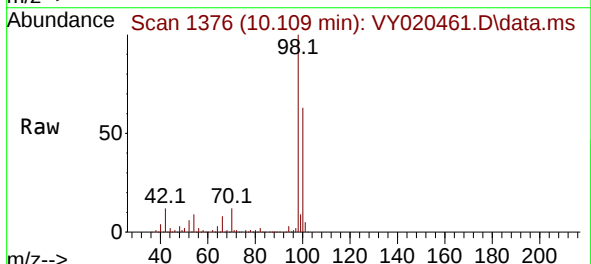


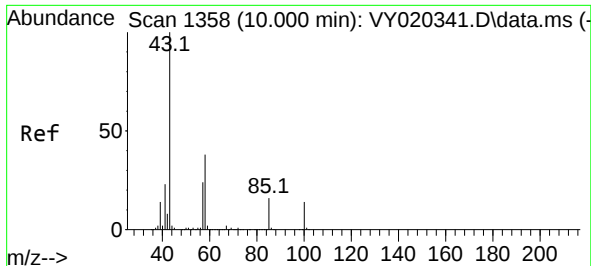
Tgt Ion:117 Resp: 14347
Ion Ratio Lower Upper
117 100
119 4.9 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.195 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Tgt Ion: 98 Resp: 308674
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

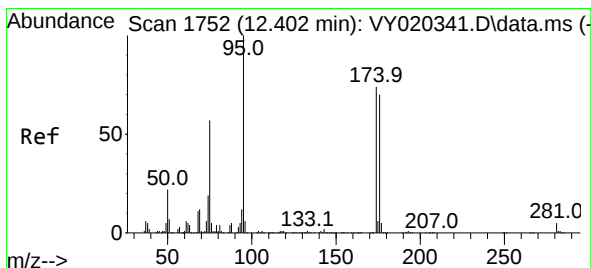
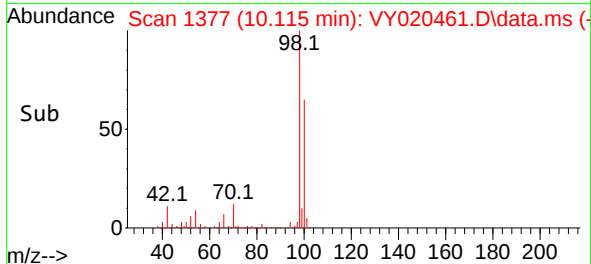
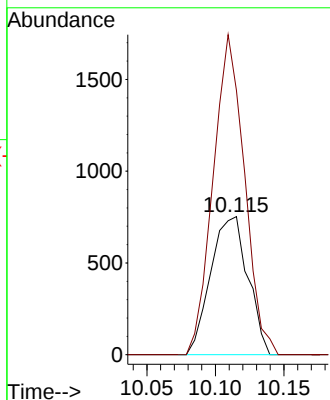
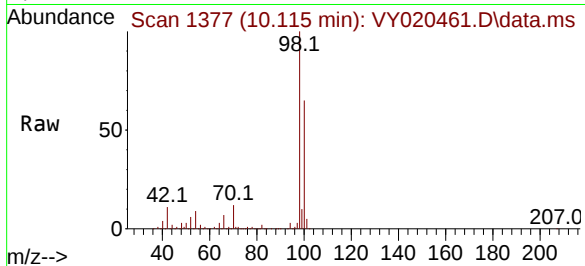




#51
4-Methyl-2-Pentanone
Concen: 1.267 ug/l
RT: 10.115 min Scan# 1358
Delta R.T. 0.116 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

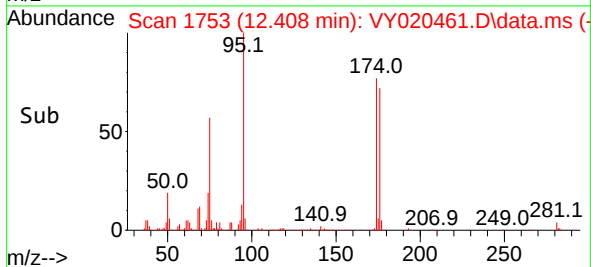
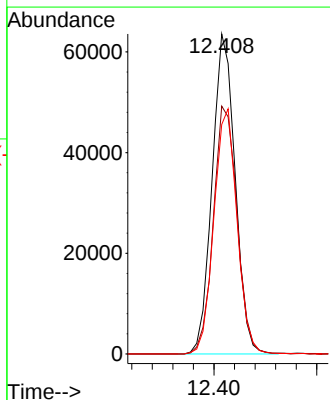
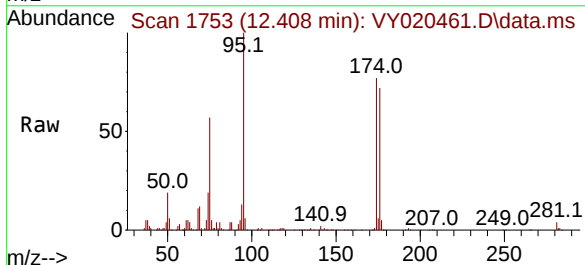
Instrument :
MSVOA_Y
ClientSampleId :

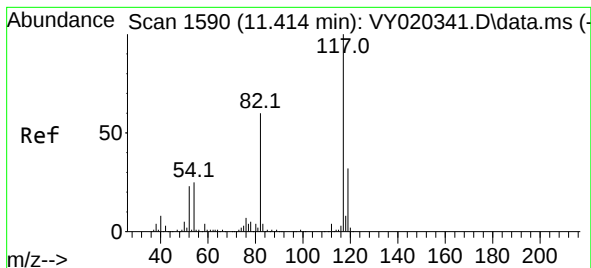
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 195.1 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 47.849 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Tgt Ion: 95 Resp: 98517
Ion Ratio Lower Upper
95 100
174 80.0 0.0 156.8
176 77.2 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: VY020461.D

Acq: 27 Nov 2024 13:43

Instrument :

MSVOA_Y

ClientSampleId :

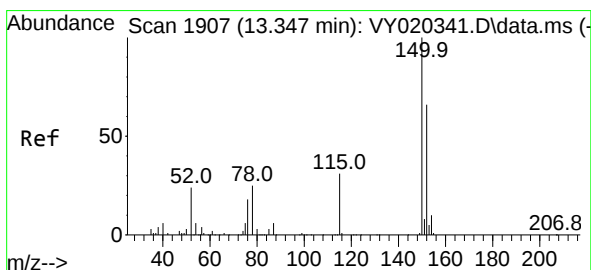
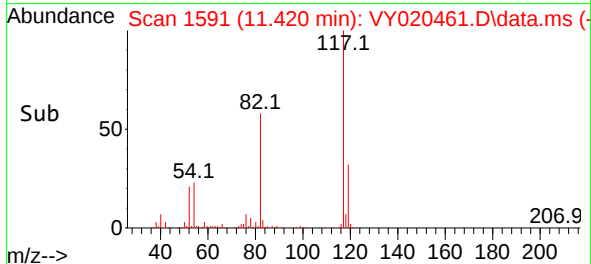
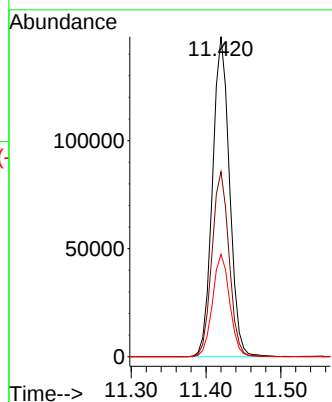
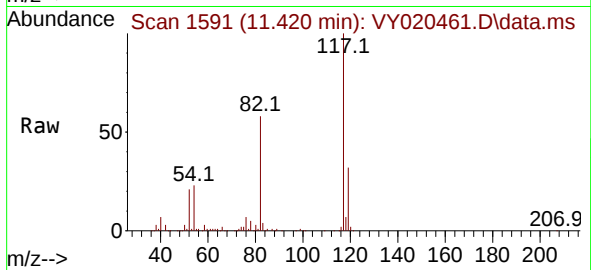
Tgt Ion:117 Resp: 234657

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020461.D

Acq: 27 Nov 2024 13:43

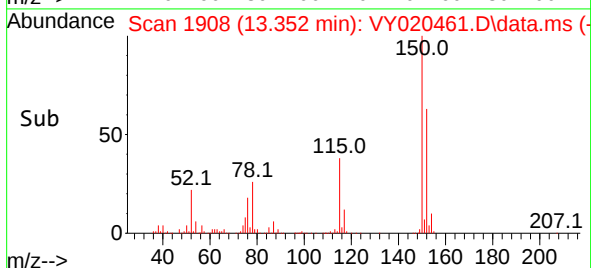
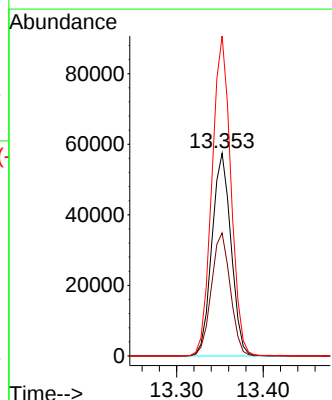
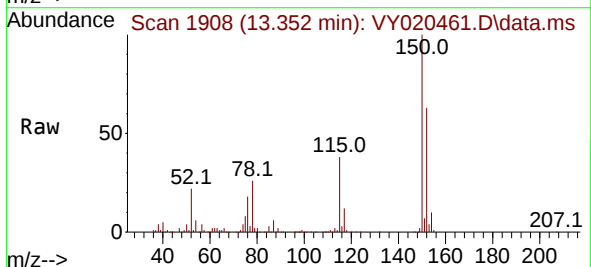
Tgt Ion:152 Resp: 87917

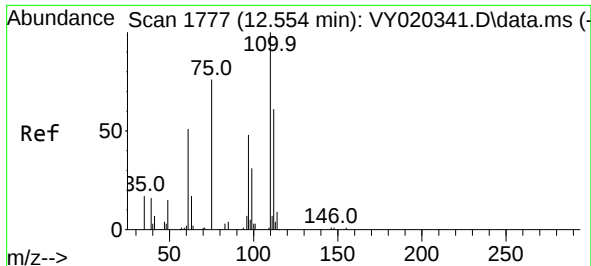
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 156.5 0.0 348.2

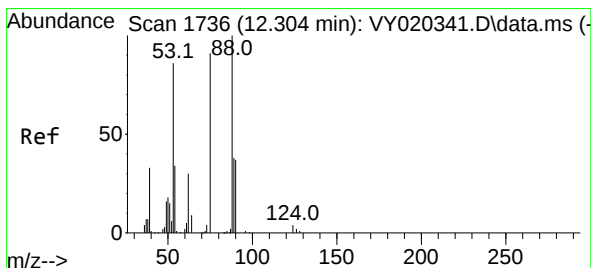
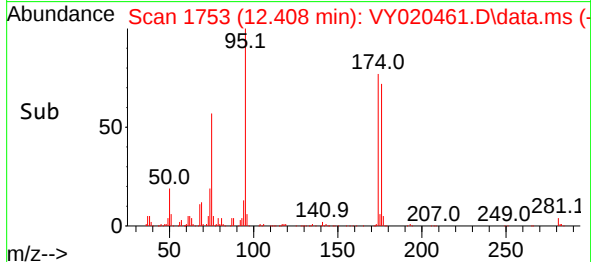
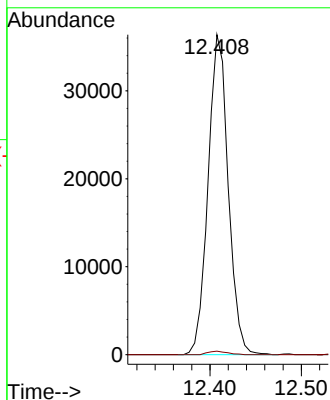
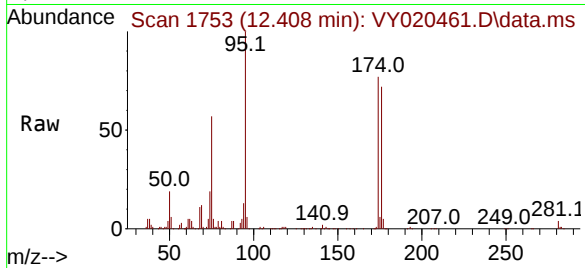




#76
1,2,3-Trichloropropane
Concen: 67.164 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55655
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.605 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020461.D
Acq: 27 Nov 2024 13:43

Tgt Ion: 75 Resp: 55655
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

