

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020734.D
 Acq On : 27 Dec 2024 12:55
 Operator : SY/MD
 Sample : P5382-02
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:02:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

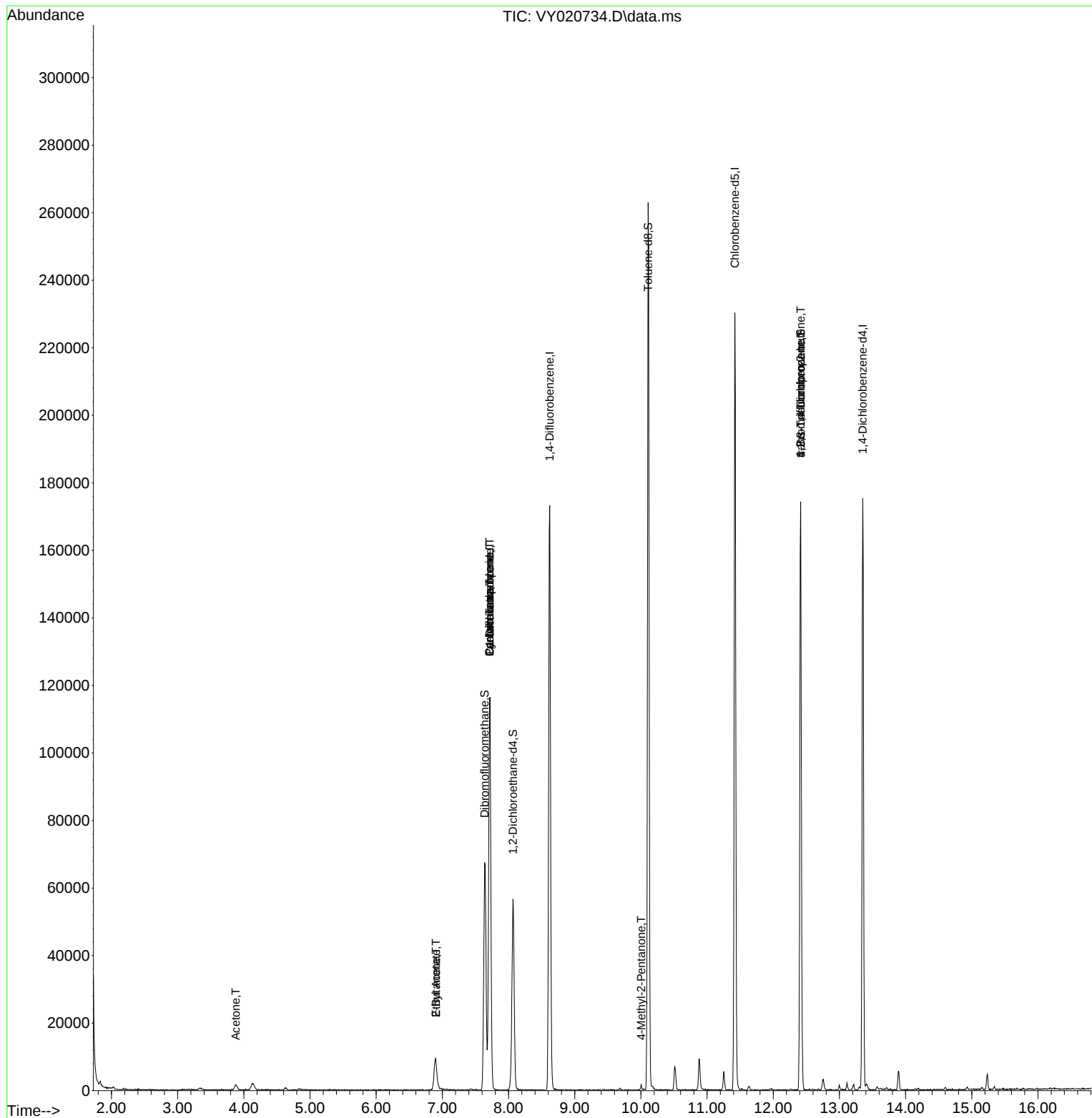
Internal Standards						
1) Pentafluorobenzene	7.713	168	91285	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	150432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	125625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	45053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	46658	62.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.800%			
35) Dibromofluoromethane	7.640	113	47025	56.752	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.500%			
50) Toluene-d8	10.109	98	174809	52.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.414	95	49014	44.510	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 89.020%			
Target Compounds						
11) Tert butyl alcohol	4.854	59	480	Below Cal	#	89
16) Acetone	3.879	43	2888	30.447	ug/l	91
25) 2-Butanone	6.902	43	1094	8.538	ug/l #	69
31) Cyclohexane	7.713	56	1727	1.798	ug/l #	45
36) 1,1-Dichloropropene	7.713	75	6420	5.866	ug/l #	51
37) Ethyl Acetate	6.902	43	1094	3.033	ug/l #	79
38) Carbon Tetrachloride	7.713	117	9369	5.198	ug/l #	16
51) 4-Methyl-2-Pentanone	10.006	43	785	2.121	ug/l	92
76) 1,2,3-Trichloropropane	12.414	75	27940	97.507	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	27940	192.733	ug/l #	8

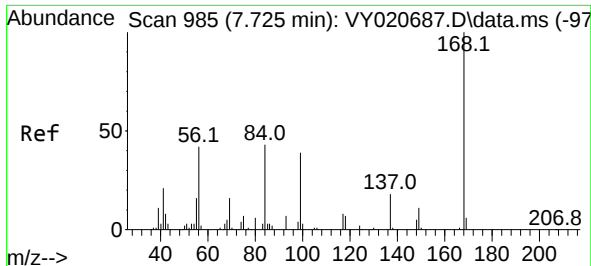
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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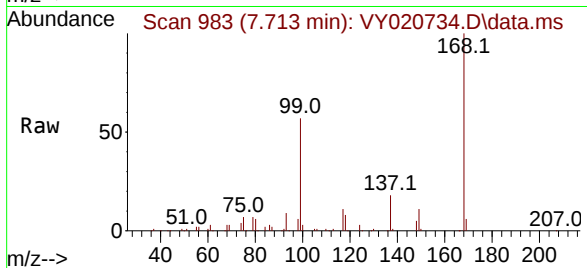
Quant Time: Dec 28 03:02:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
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QLast Update : Thu Dec 26 16:12:28 2024
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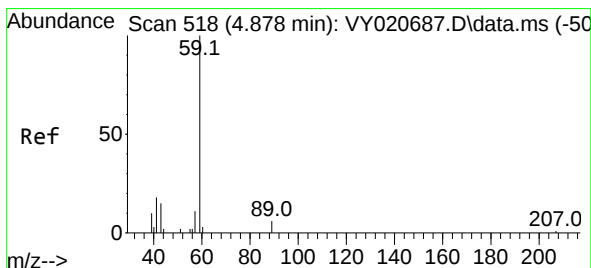
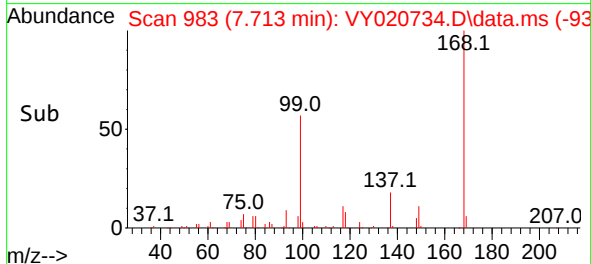
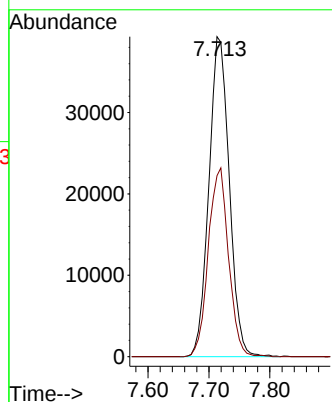


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

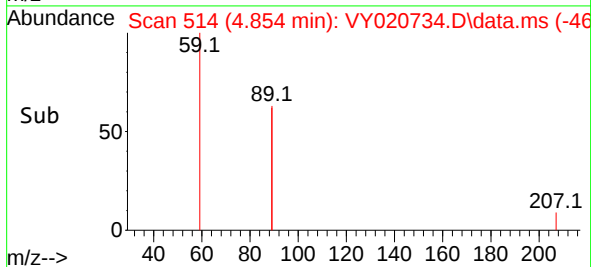
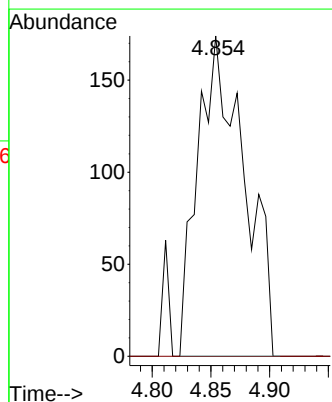
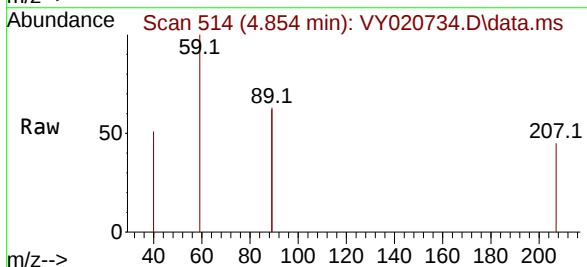


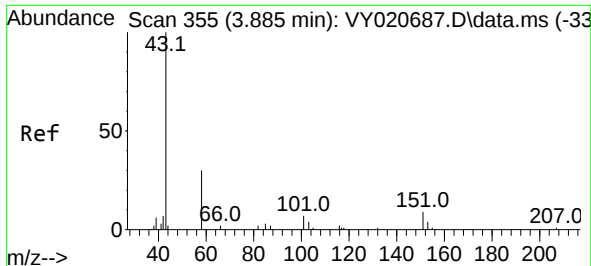
Tgt Ion:168 Resp: 91285
Ion Ratio Lower Upper
168 100
99 56.6 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.854 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

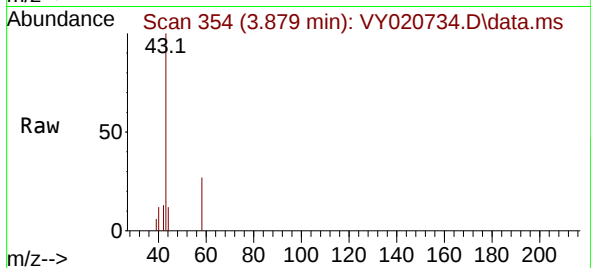
Tgt Ion: 59 Resp: 480
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#



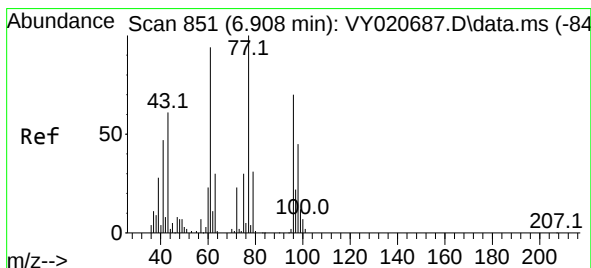
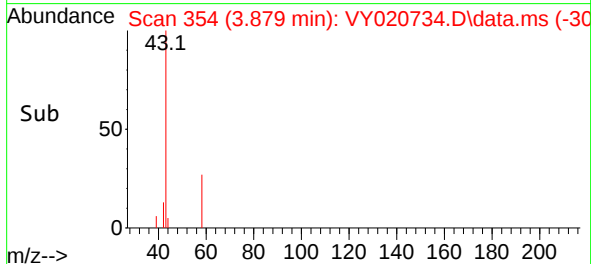
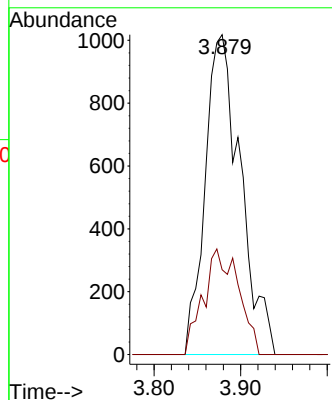


#16
Acetone
Concen: 30.447 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

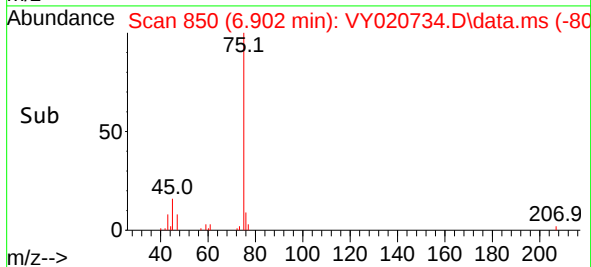
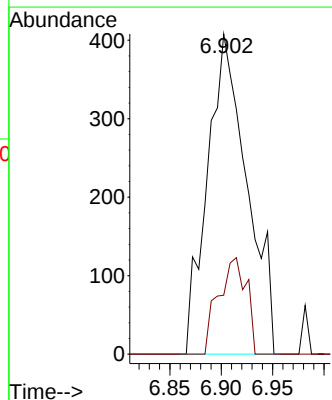
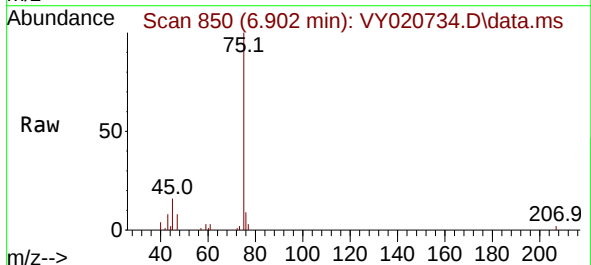


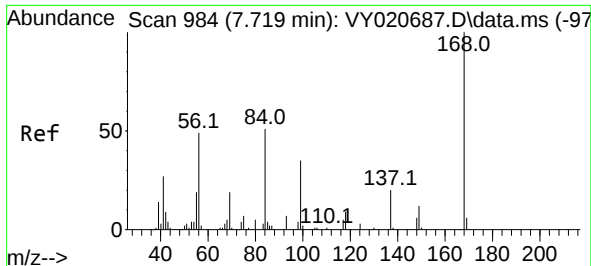
Tgt Ion: 43 Resp: 2888
Ion Ratio Lower Upper
43 100
58 26.5 25.0 37.6



#25
2-Butanone
Concen: 8.538 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

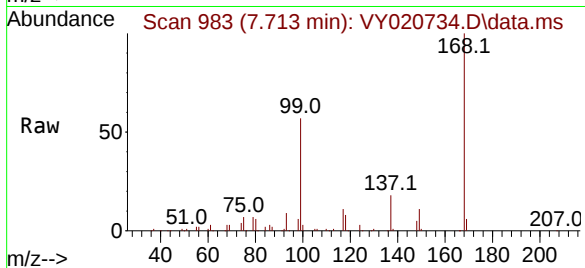
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
72 18.4 29.5 44.3#



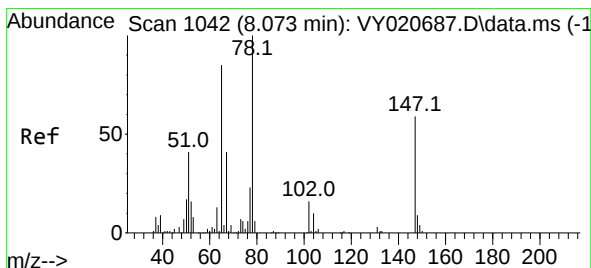
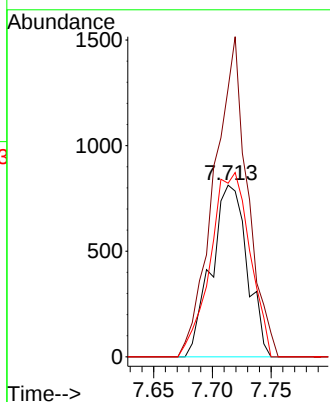
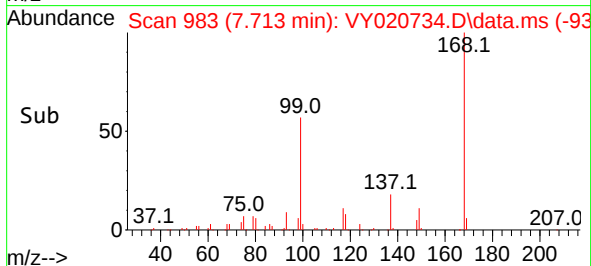


#31
Cyclohexane
Concen: 1.798 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

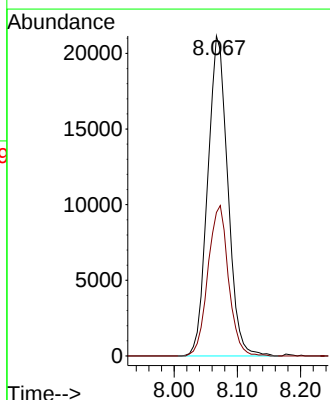
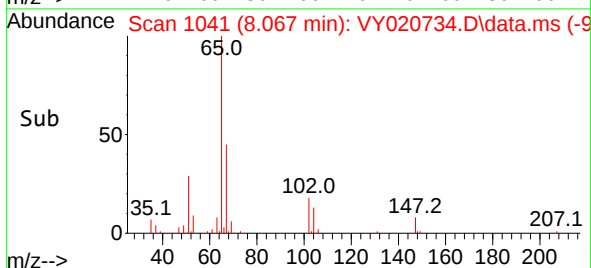
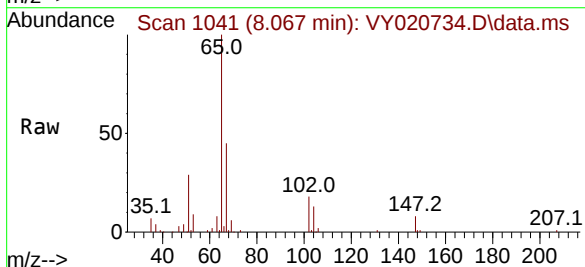


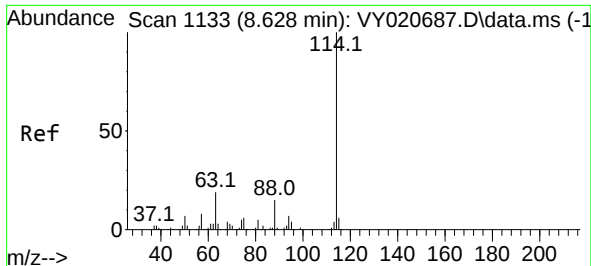
Tgt Ion: 56 Resp: 1727
Ion Ratio Lower Upper
56 100
69 156.3 31.3 46.9#
84 101.1 83.9 125.9



#33
1,2-Dichloroethane-d4
Concen: 62.401 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 65 Resp: 46658
Ion Ratio Lower Upper
65 100
67 48.0 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VY020734.D

Acq: 27 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

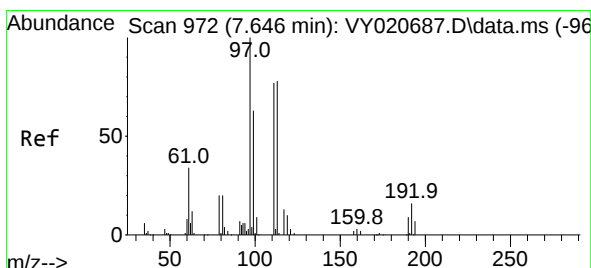
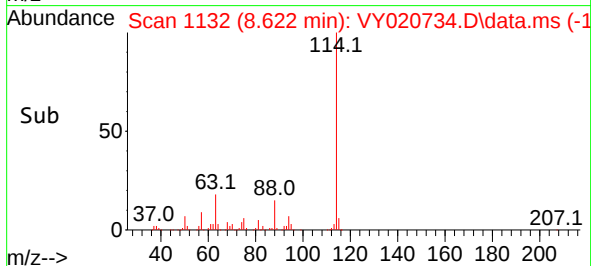
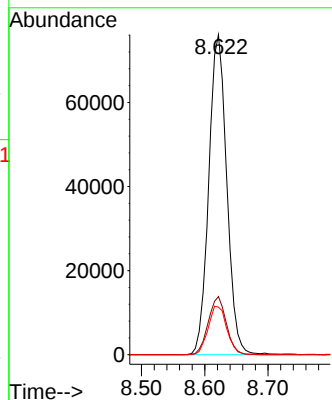
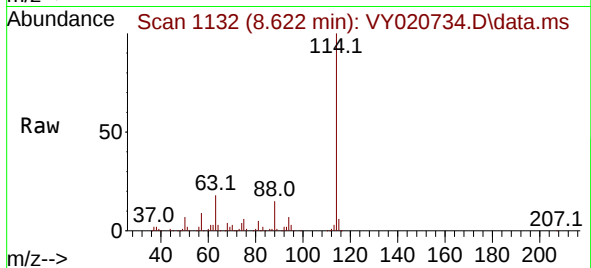
Tgt Ion:114 Resp: 150432

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.8 0.0 30.4



#35

Dibromofluoromethane

Concen: 56.752 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020734.D

Acq: 27 Dec 2024 12:55

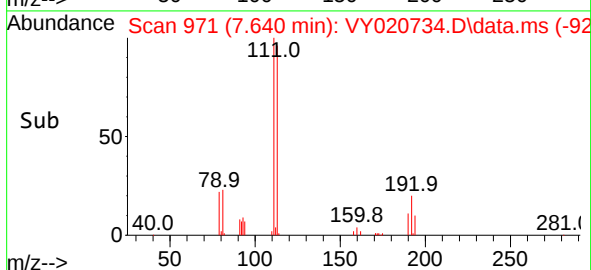
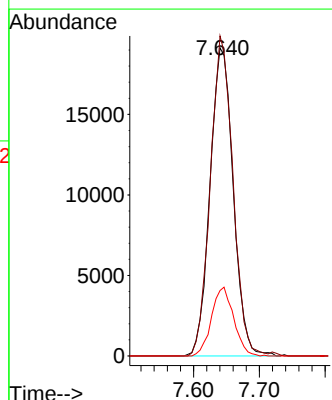
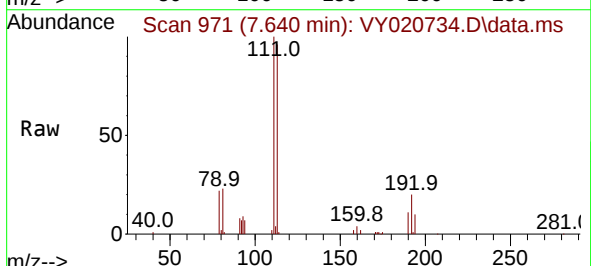
Tgt Ion:113 Resp: 47025

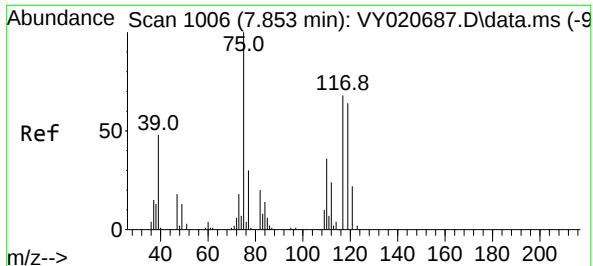
Ion Ratio Lower Upper

113 100

111 100.9 79.8 119.8

192 21.3 17.0 25.6

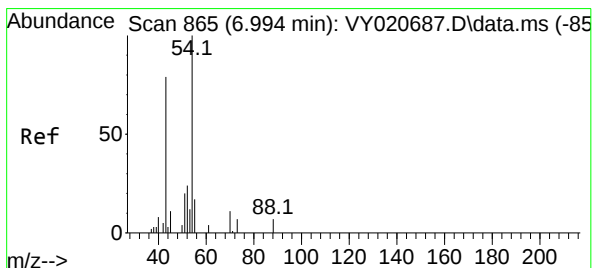
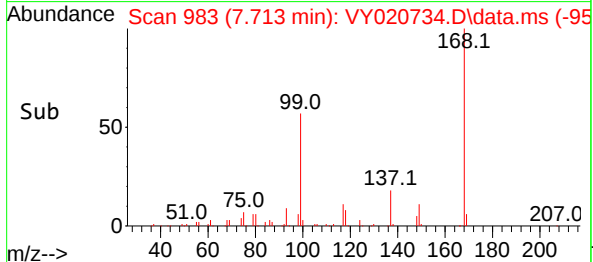
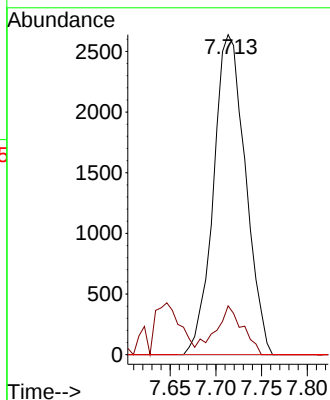
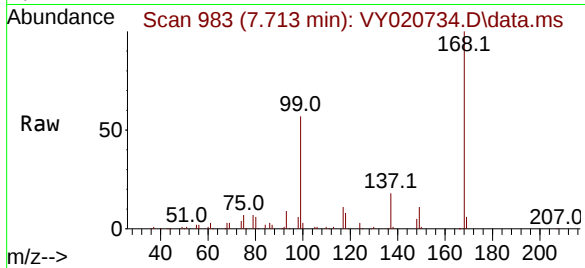




#36
1,1-Dichloropropene
Concen: 5.866 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

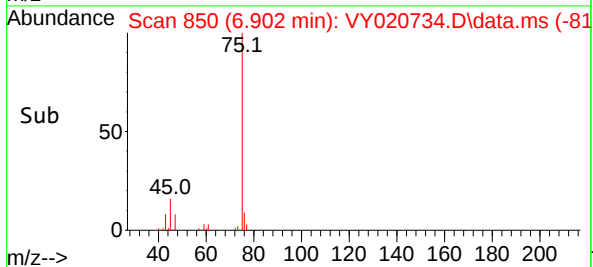
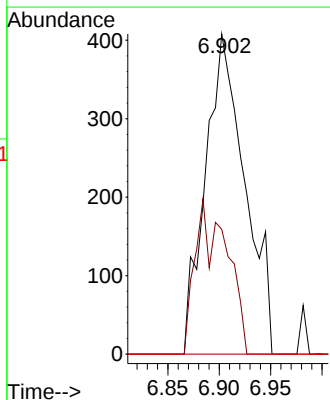
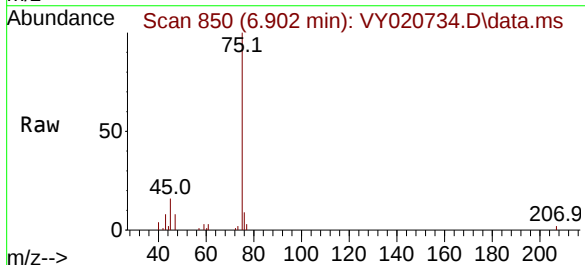
Instrument :
MSVOA_Y
ClientSampleId :

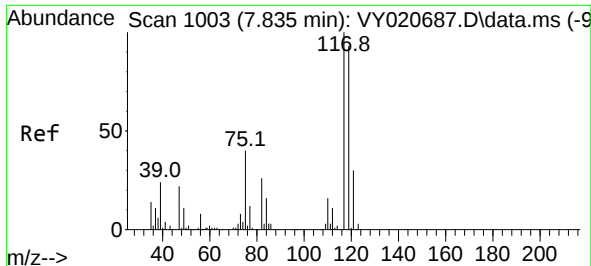
Tgt Ion: 75 Resp: 6420
Ion Ratio Lower Upper
75 100
110 13.1 19.6 58.7#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 3.033 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.092 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

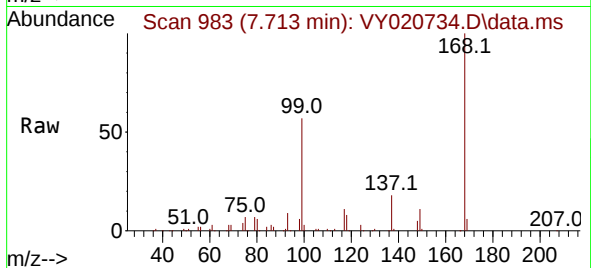
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
61 17.9 11.7 17.5#
70 0.0 11.0 16.4#



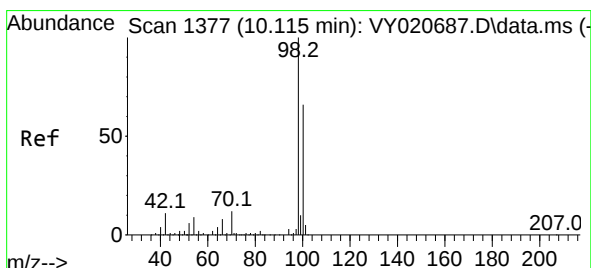
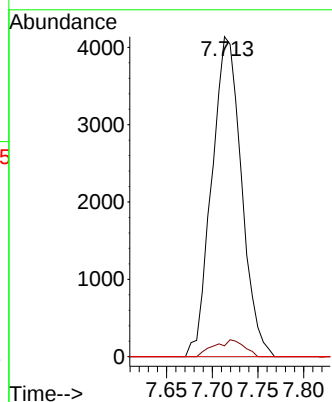
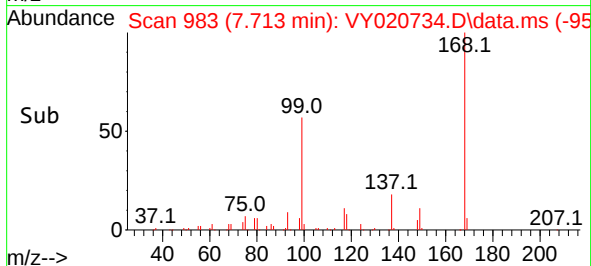


#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

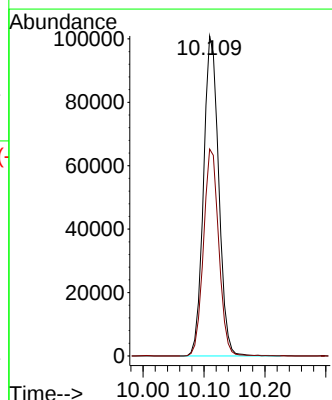
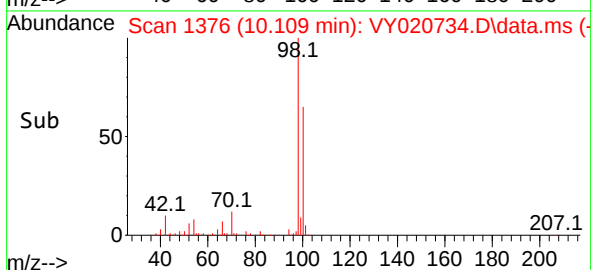
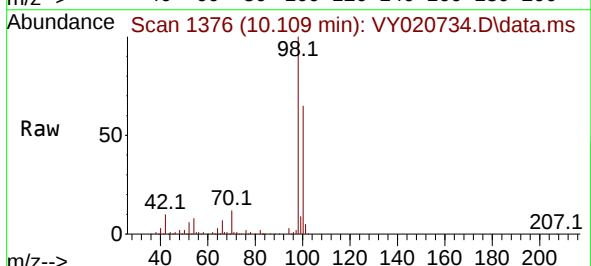


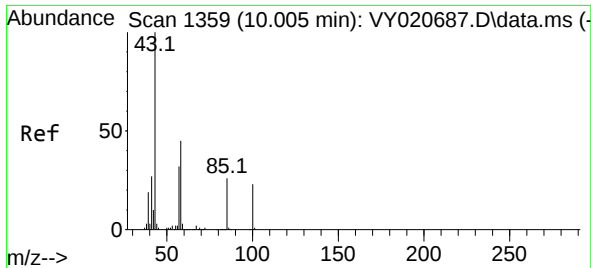
Tgt Ion:117 Resp: 9369
Ion Ratio Lower Upper
117 100
119 3.4 74.4 111.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.947 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 98 Resp: 174809
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

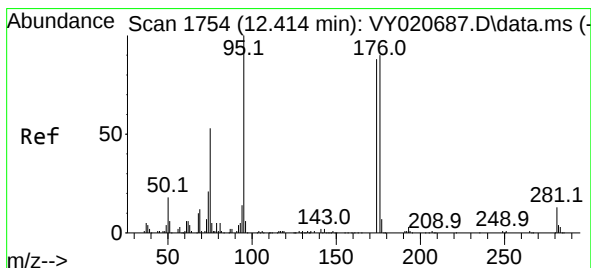
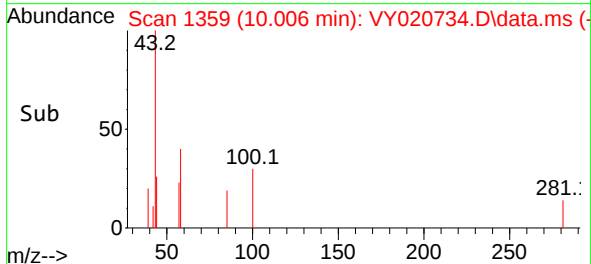
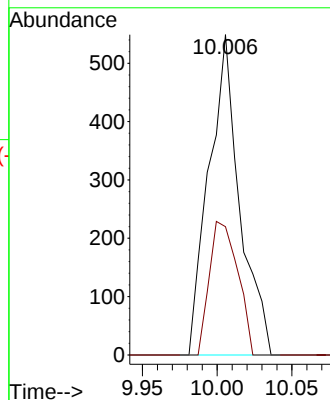
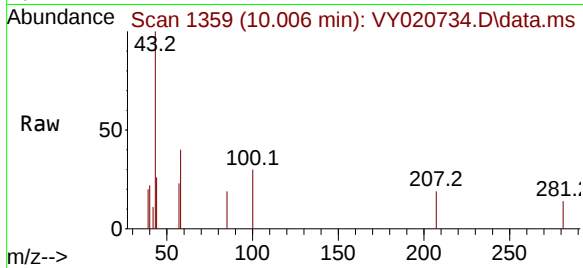




#51
4-Methyl-2-Pentanone
Concen: 2.121 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

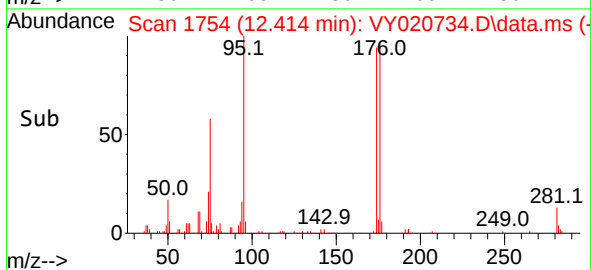
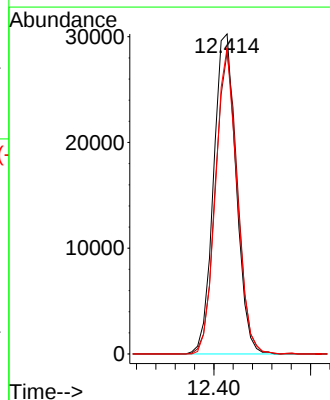
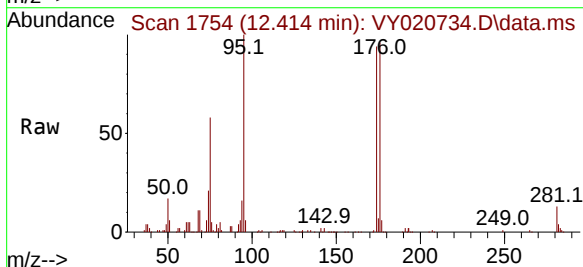
Instrument :
MSVOA_Y
ClientSampleId :

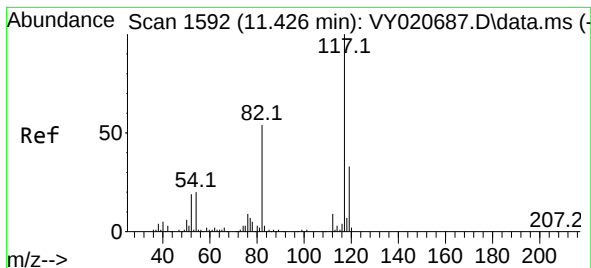
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 38.5 35.1 52.7



#62
4-Bromofluorobenzene
Concen: 44.510 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 95 Resp: 49014
Ion Ratio Lower Upper
95 100
174 92.5 0.0 179.2
176 90.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020734.D

Acq: 27 Dec 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

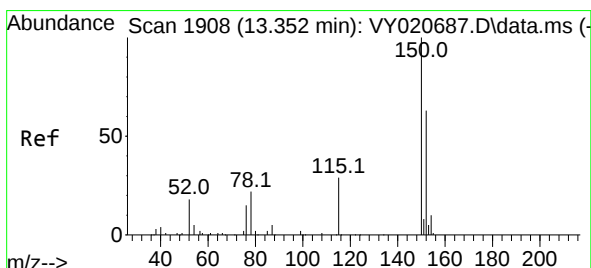
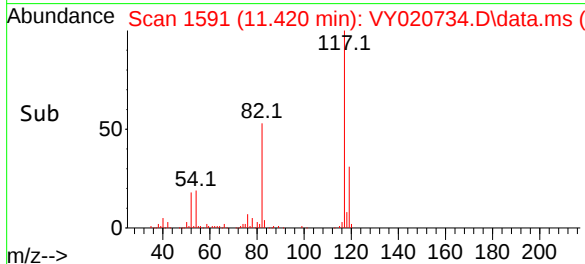
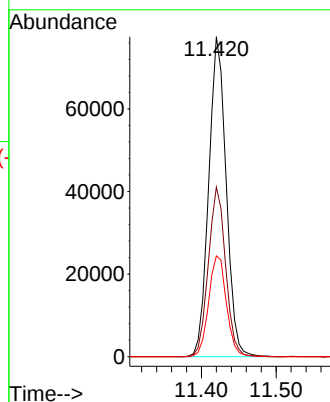
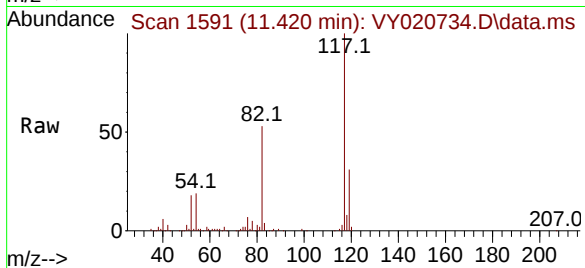
Tgt Ion:117 Resp: 125625

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.2

119 31.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020734.D

Acq: 27 Dec 2024 12:55

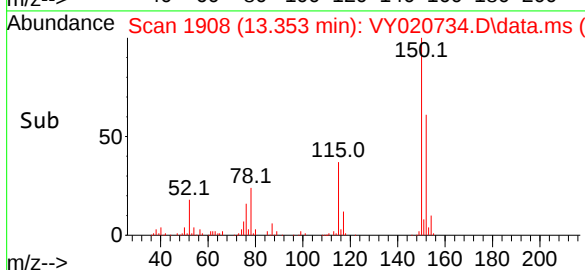
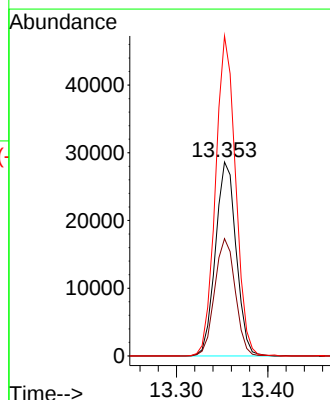
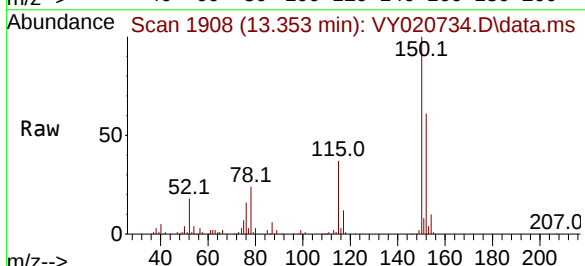
Tgt Ion:152 Resp: 45053

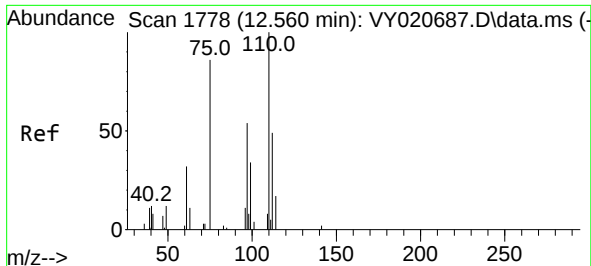
Ion Ratio Lower Upper

152 100

115 60.1 30.3 90.9

150 159.8 0.0 349.0

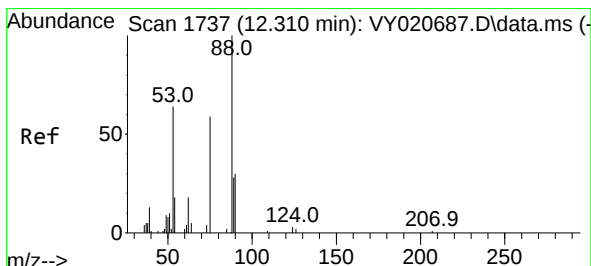
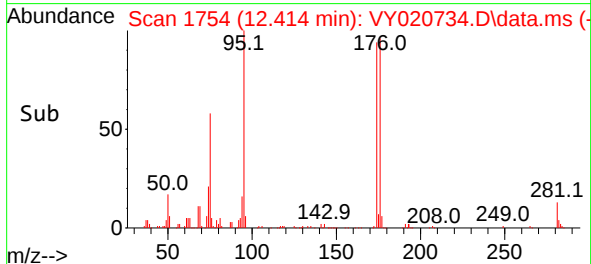
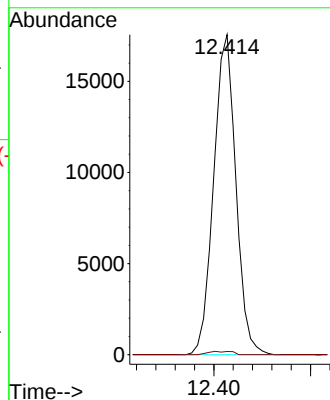
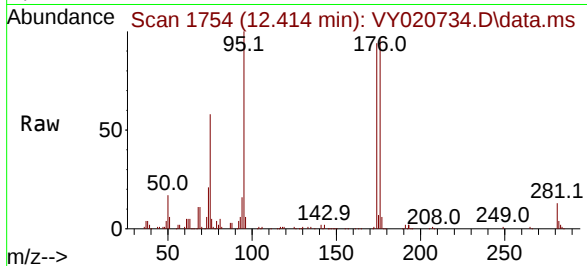




#76
1,2,3-Trichloropropane
Concen: 97.507 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27940
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 192.733 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020734.D
Acq: 27 Dec 2024 12:55

Tgt Ion: 75 Resp: 27940
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.0 40.6 61.0#

