

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020363.D
 Acq On : 20 Nov 2024 16:38
 Operator : SY/MD
 Sample : P4870-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:50:05 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)

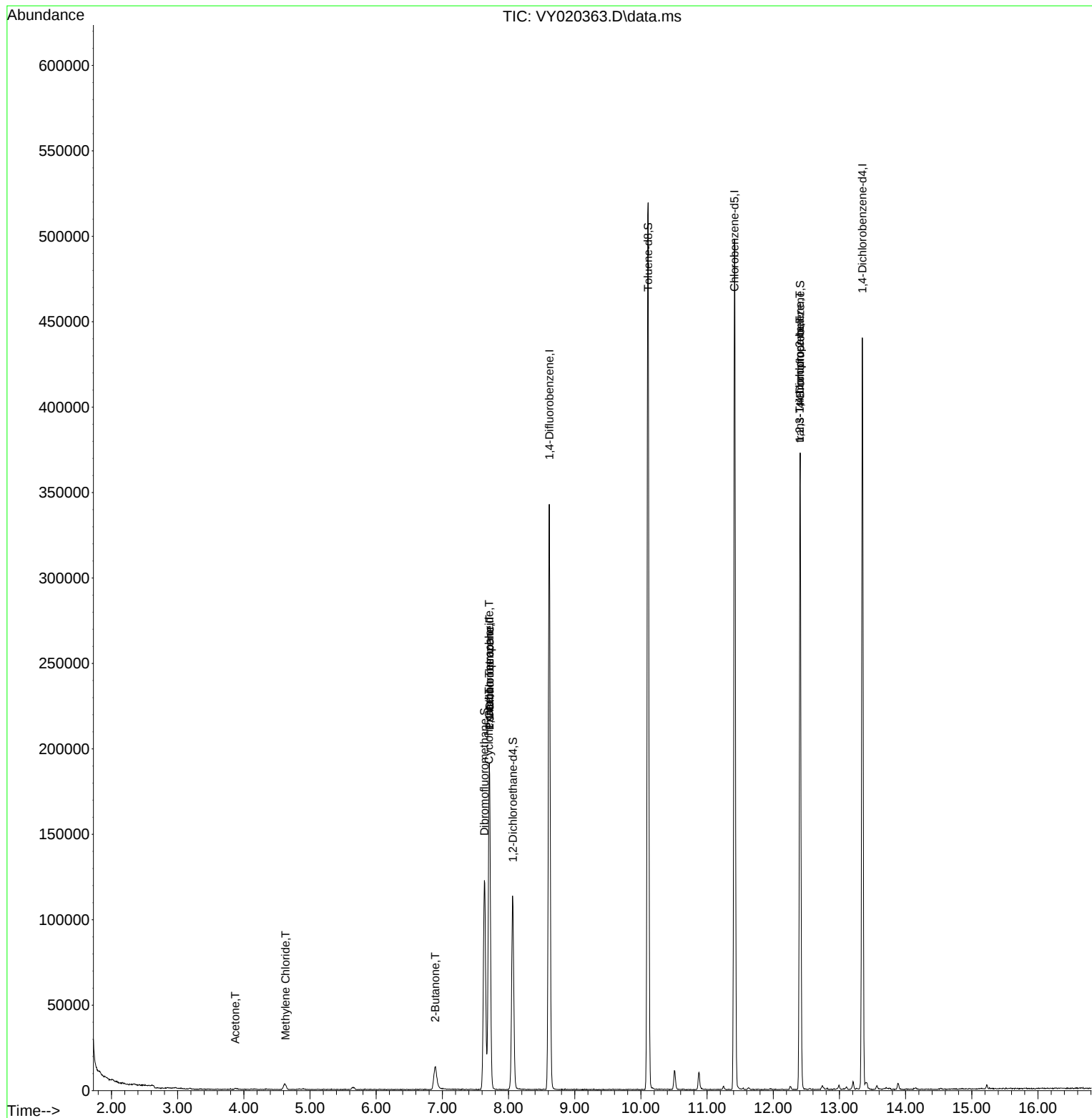
Internal Standards						
1) Pentafluorobenzene	7.713	168	140269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90552	56.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.380%	
35) Dibromofluoromethane	7.634	113	86956	49.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.109	98	335627	48.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.408	95	112448	50.801	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	170	Below Cal	#	41
16) Acetone	3.873	43	758	1.962	ug/l #	86
20) Methylene Chloride	4.628	84	2484	1.518	ug/l #	68
25) 2-Butanone	6.890	43	1133	2.278	ug/l #	50
31) Cyclohexane	7.701	56	3362	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12663	4.743	ug/l #	52
38) Carbon Tetrachloride	7.707	117	15492	5.558	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	63203	64.277	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	63203	125.947	ug/l #	9

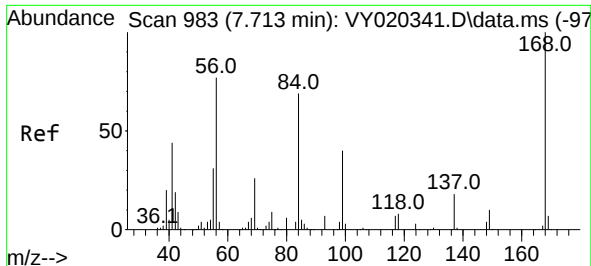
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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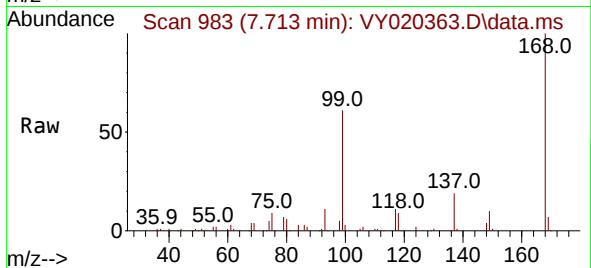
Quant Time: Nov 21 00:50:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
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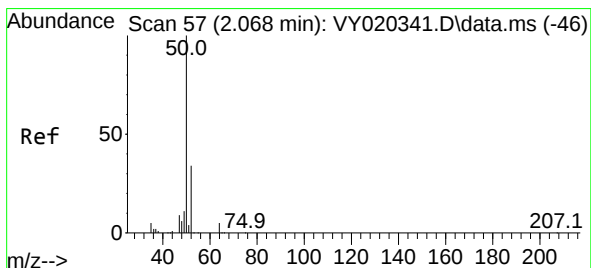
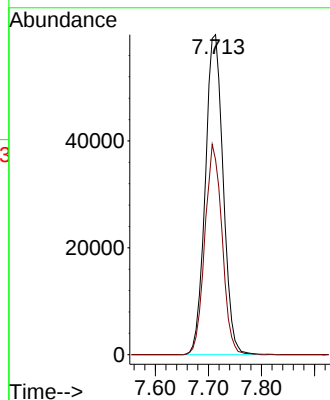
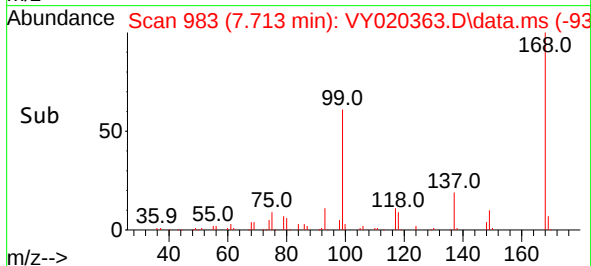


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :

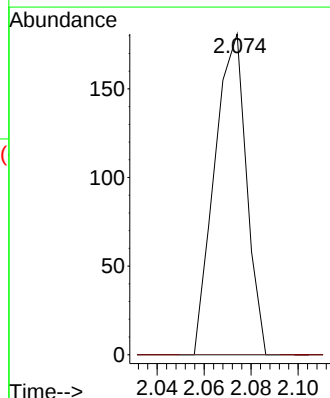
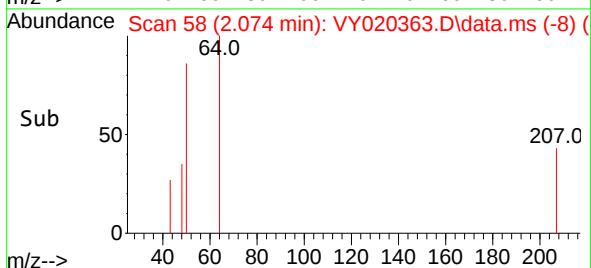
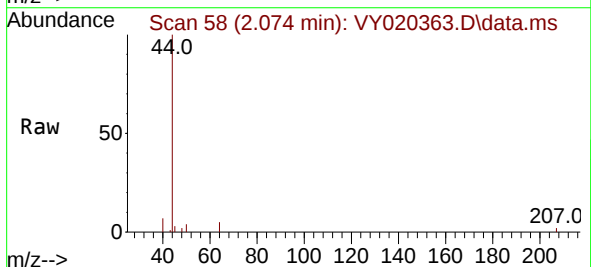


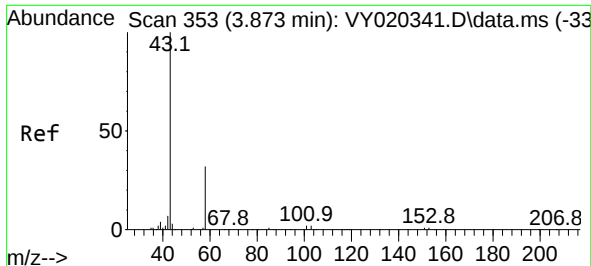
Tgt Ion:168 Resp: 140269
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#16

Acetone

Concen: 1.962 ug/l

RT: 3.873 min Scan# 353

Delta R.T. -0.000 min

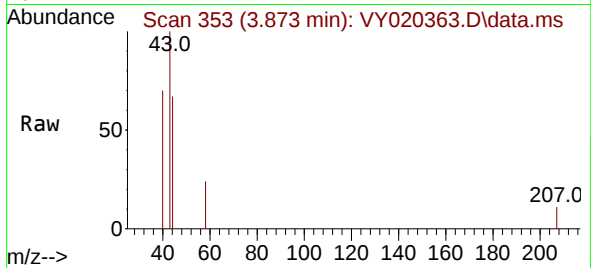
Lab File: VY020363.D

Acq: 20 Nov 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

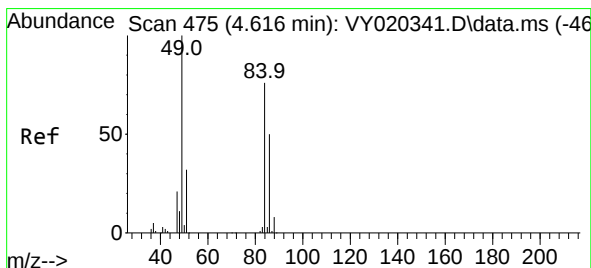
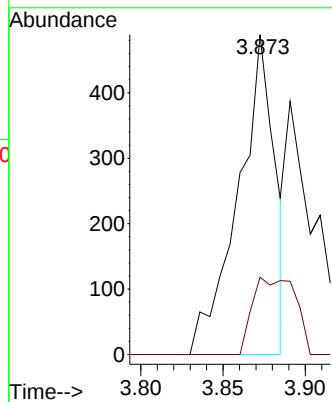
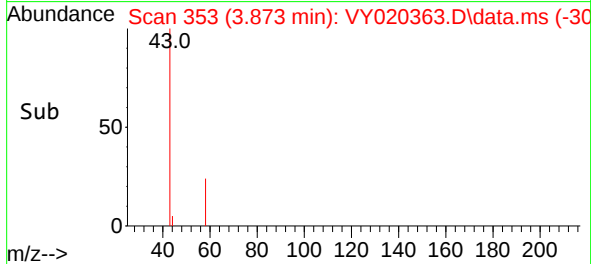


Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

58 24.1 25.7 38.5#



#20

Methylene Chloride

Concen: 1.518 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020363.D

Acq: 20 Nov 2024 16:38

Tgt Ion: 84 Resp: 2484

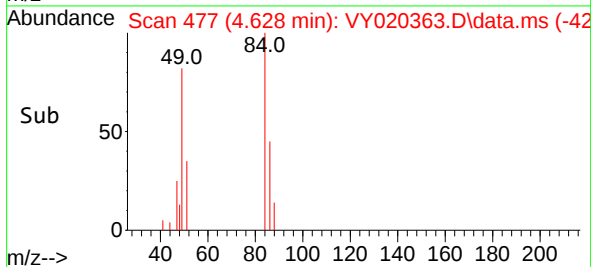
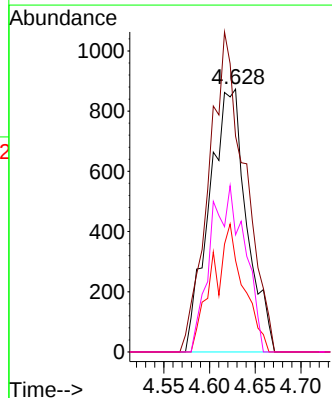
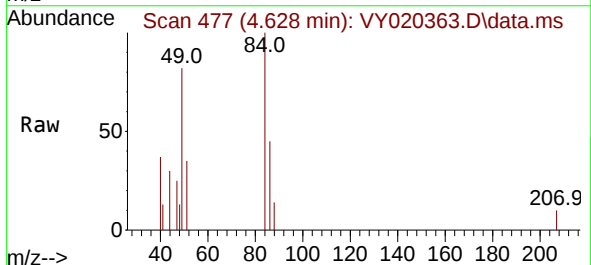
Ion Ratio Lower Upper

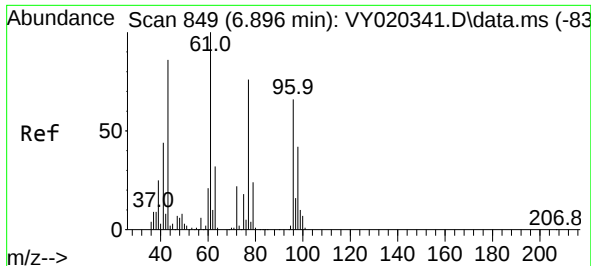
84 100

49 82.1 104.7 157.1#

51 34.8 33.4 50.0

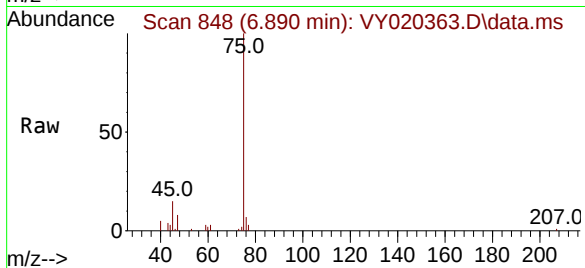
86 44.6 52.2 78.2#



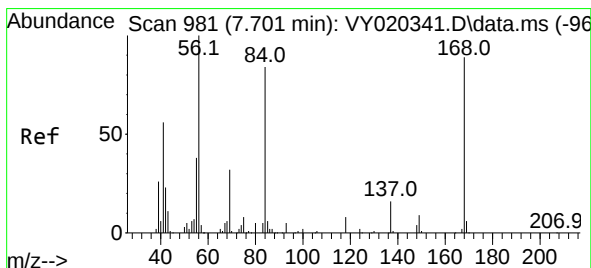
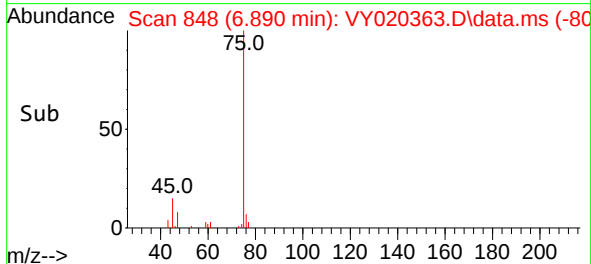
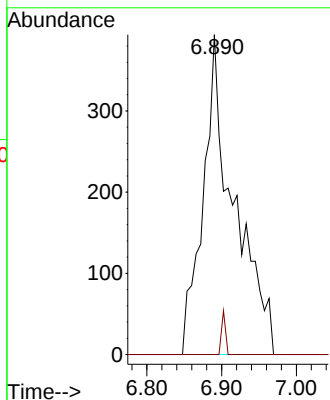


#25
2-Butanone
Concen: 2.278 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

Instrument :
MSVOA_Y
ClientSampleId :

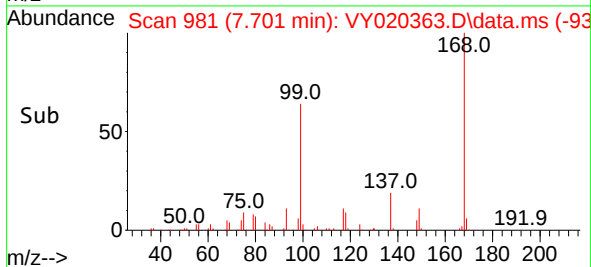
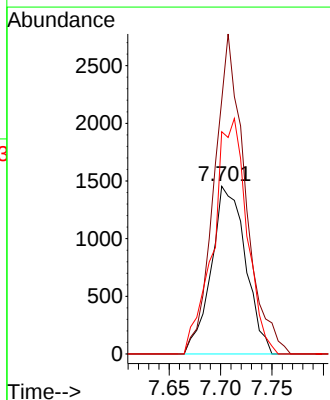
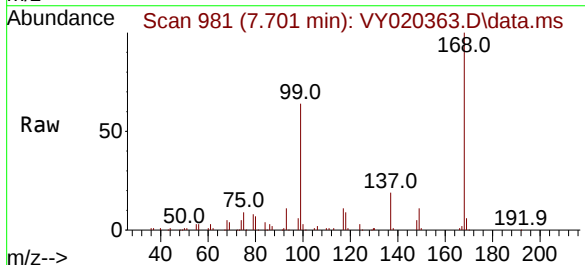


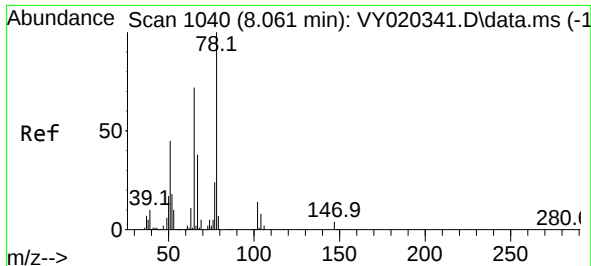
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

Tgt Ion: 56 Resp: 3362
Ion Ratio Lower Upper
56 100
69 151.4 25.3 37.9#
84 132.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 56.190 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020363.D

Acq: 20 Nov 2024 16:38

Instrument :

MSVOA_Y

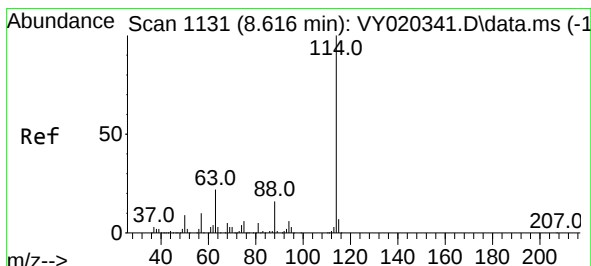
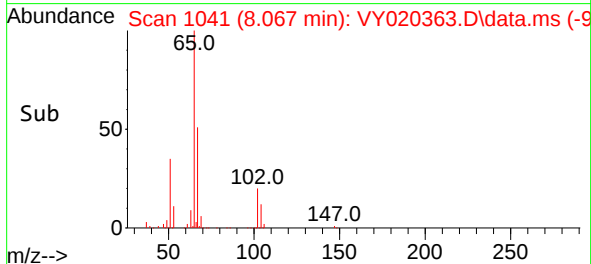
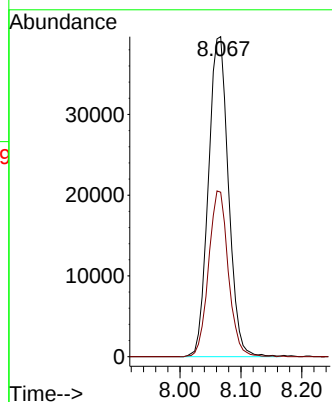
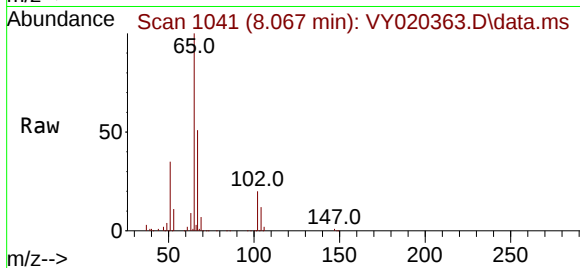
ClientSampleId :

Tgt Ion: 65 Resp: 90552

Ion Ratio Lower Upper

65 100

67 50.9 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: VY020363.D

Acq: 20 Nov 2024 16:38

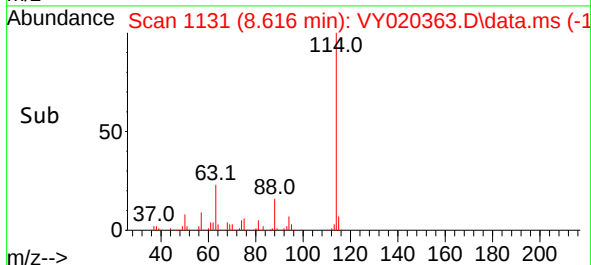
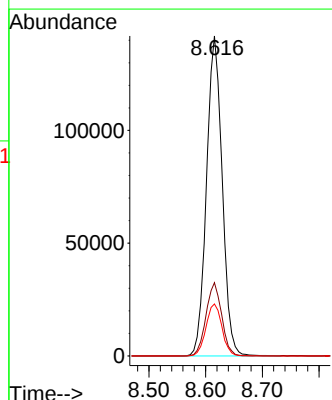
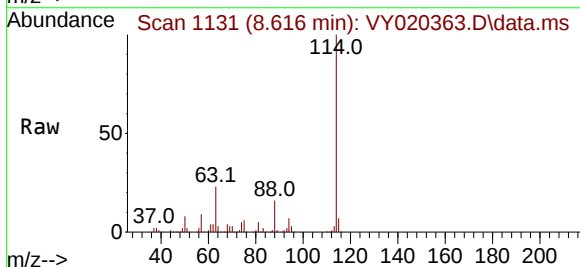
Tgt Ion: 114 Resp: 272598

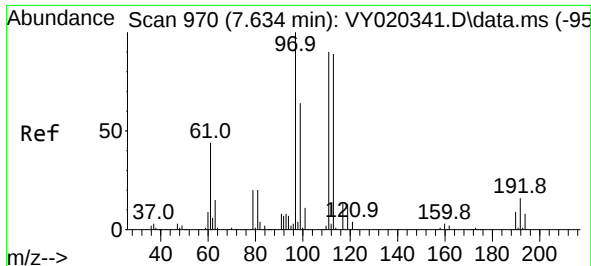
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.8

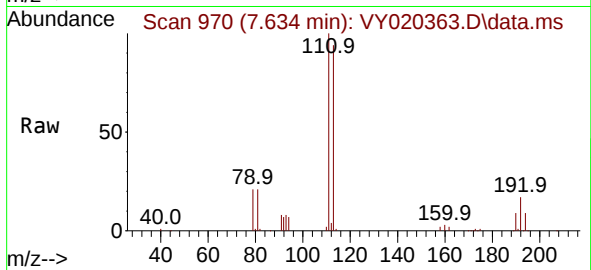
88 16.3 0.0 32.0



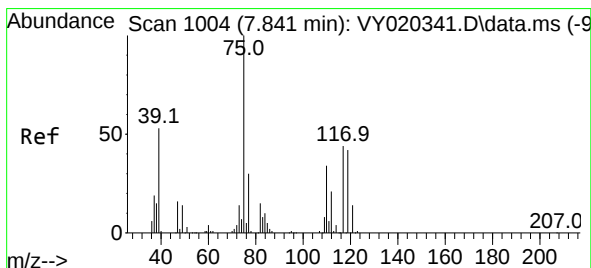
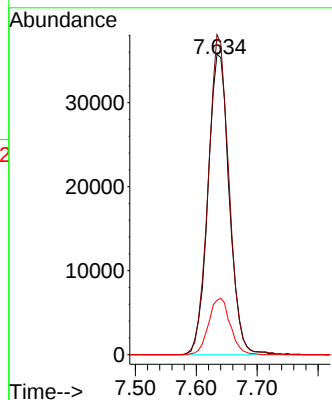
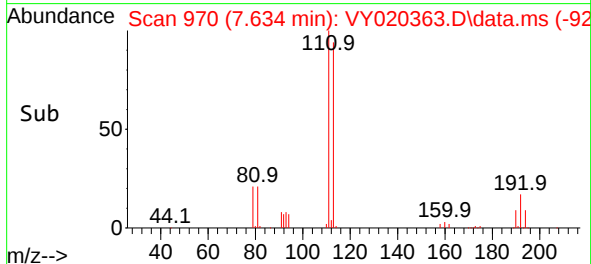


#35
Dibromofluoromethane
Concen: 49.747 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

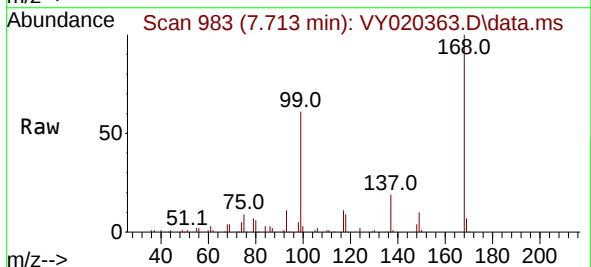
Instrument :
MSVOA_Y
ClientSampleId :



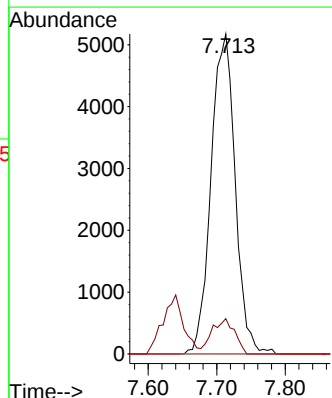
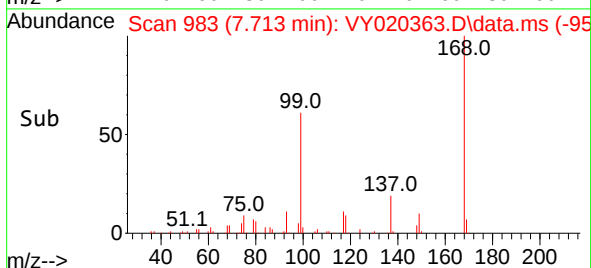
Tgt Ion:113 Resp: 86956
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.0 15.1 22.7

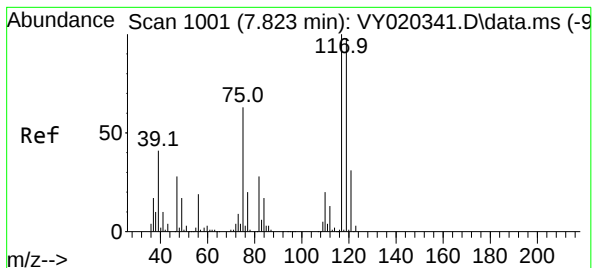


#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38



Tgt Ion: 75 Resp: 12663
Ion Ratio Lower Upper
75 100
110 10.3 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.558 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY020363.D

Acq: 20 Nov 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

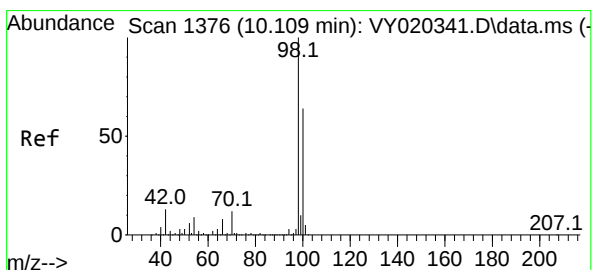
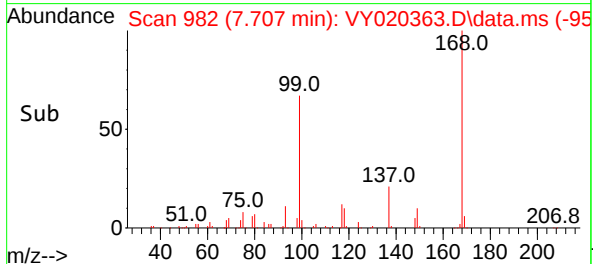
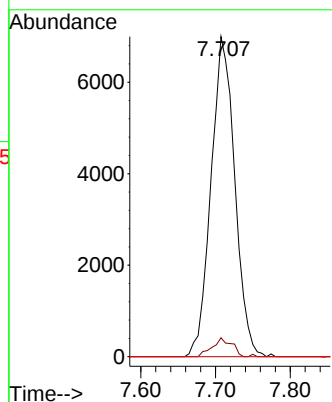
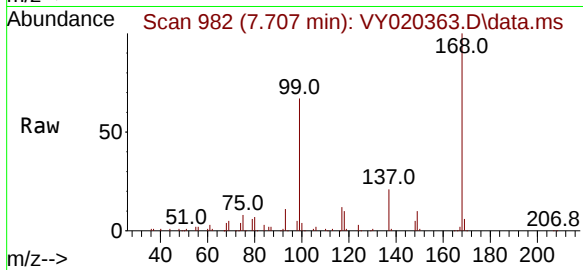
Tgt Ion:117 Resp: 15492

Ion Ratio Lower Upper

117 100

119 5.9 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 48.743 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020363.D

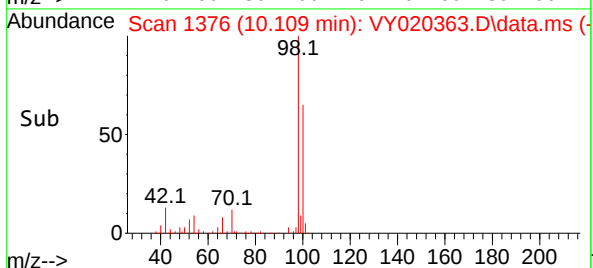
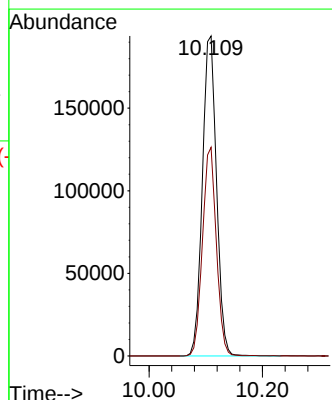
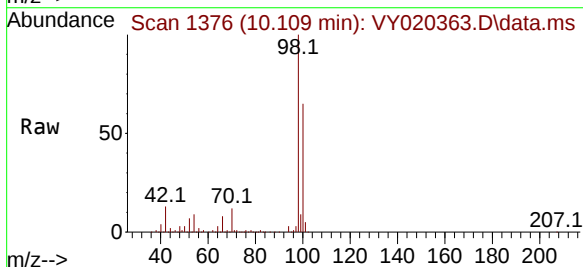
Acq: 20 Nov 2024 16:38

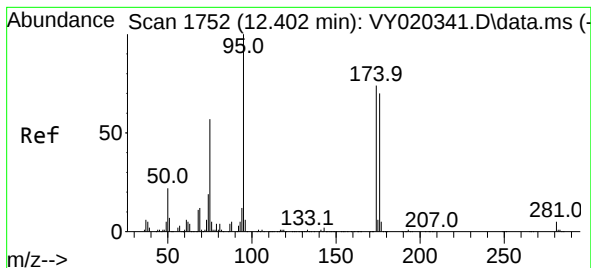
Tgt Ion: 98 Resp: 335627

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9

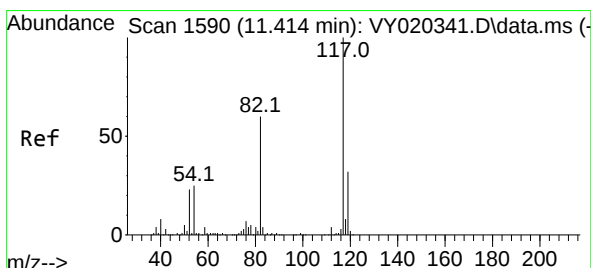
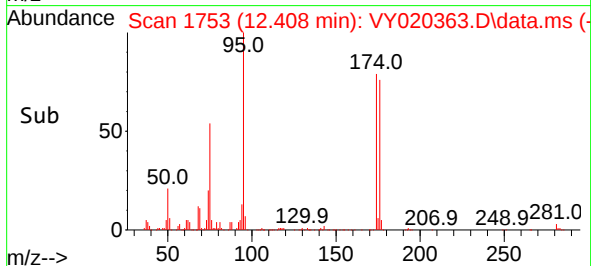
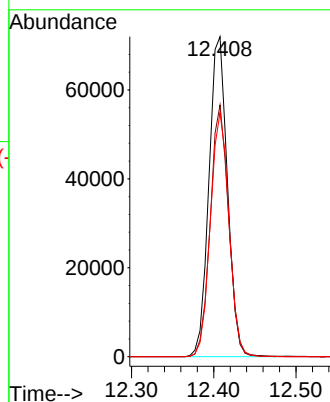
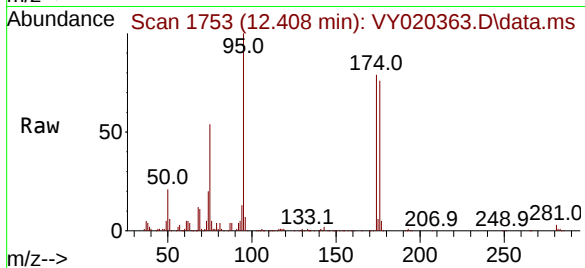




#62
4-Bromofluorobenzene
Concen: 50.801 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

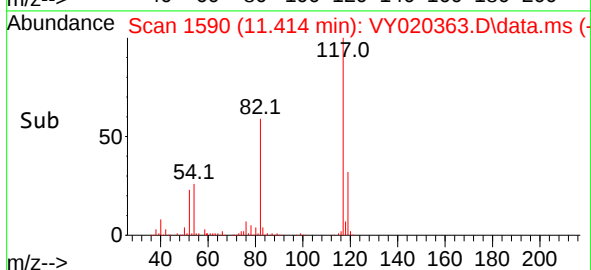
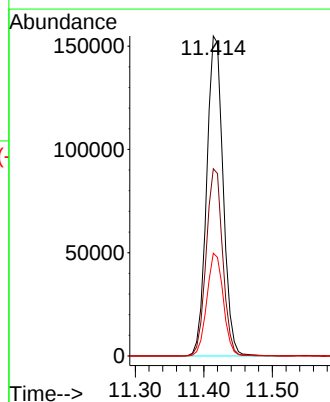
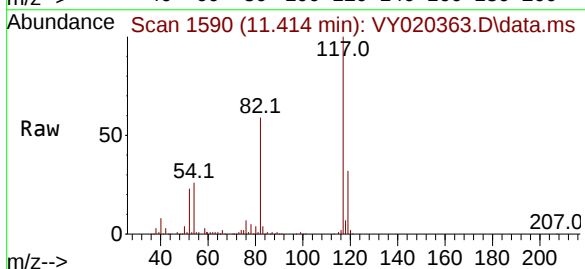
Instrument :
MSVOA_Y
ClientSampleId :

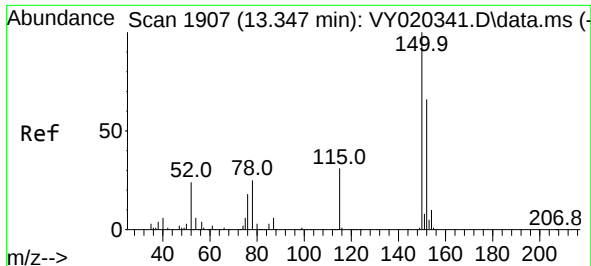
Tgt Ion: 95 Resp: 112448
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.8
176 76.4 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020363.D
Acq: 20 Nov 2024 16:38

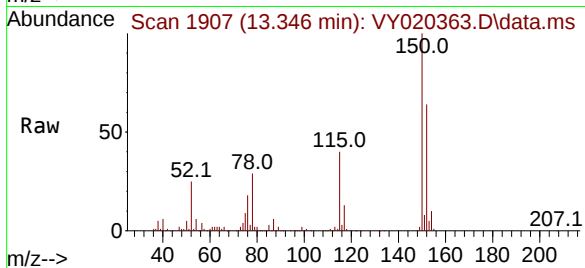
Tgt Ion:117 Resp: 258141
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.4
119 32.1 25.8 38.8



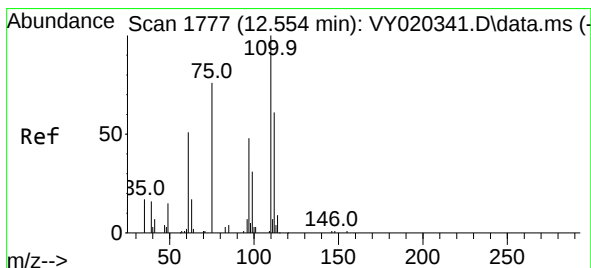
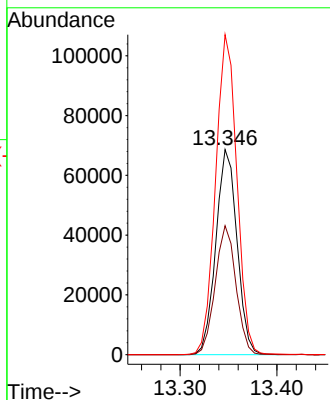
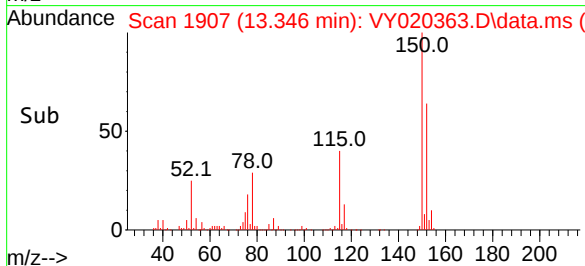


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY020363.D
 Acq: 20 Nov 2024 16:38

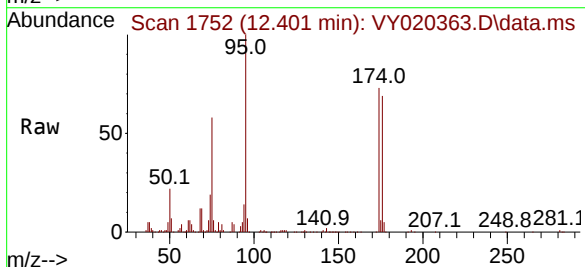
Instrument :
 MSVOA_Y
 ClientSampleId :



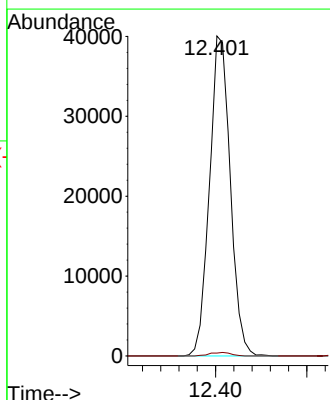
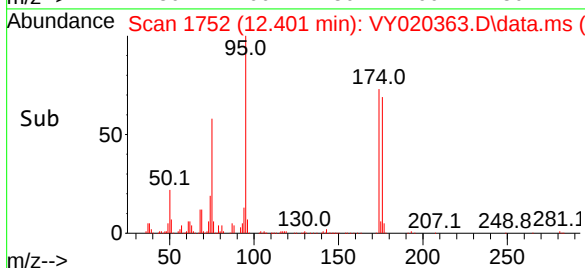
Tgt Ion:152 Resp: 104325
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.0 90.0
 150 156.9 0.0 348.2

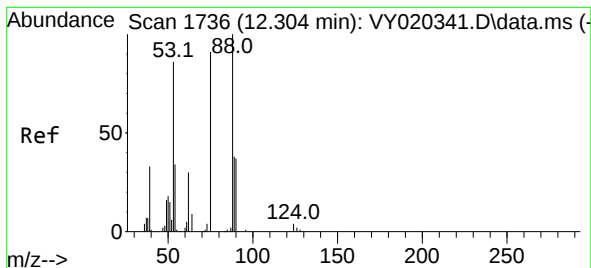


#76
 1,2,3-Trichloropropane
 Concen: 64.277 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.153 min
 Lab File: VY020363.D
 Acq: 20 Nov 2024 16:38



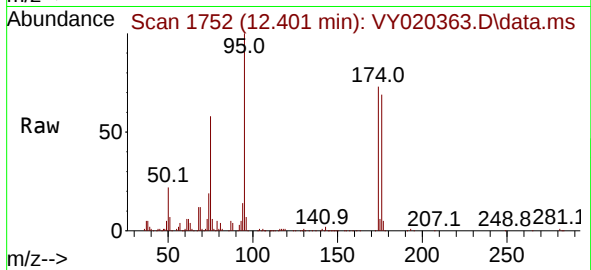
Tgt Ion: 75 Resp: 63203
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.947 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY020363.D
 Acq: 20 Nov 2024 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63203
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

