

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019876.D
 Acq On : 11 Oct 2024 16:58
 Operator : SY/MD
 Sample : P4385-13
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

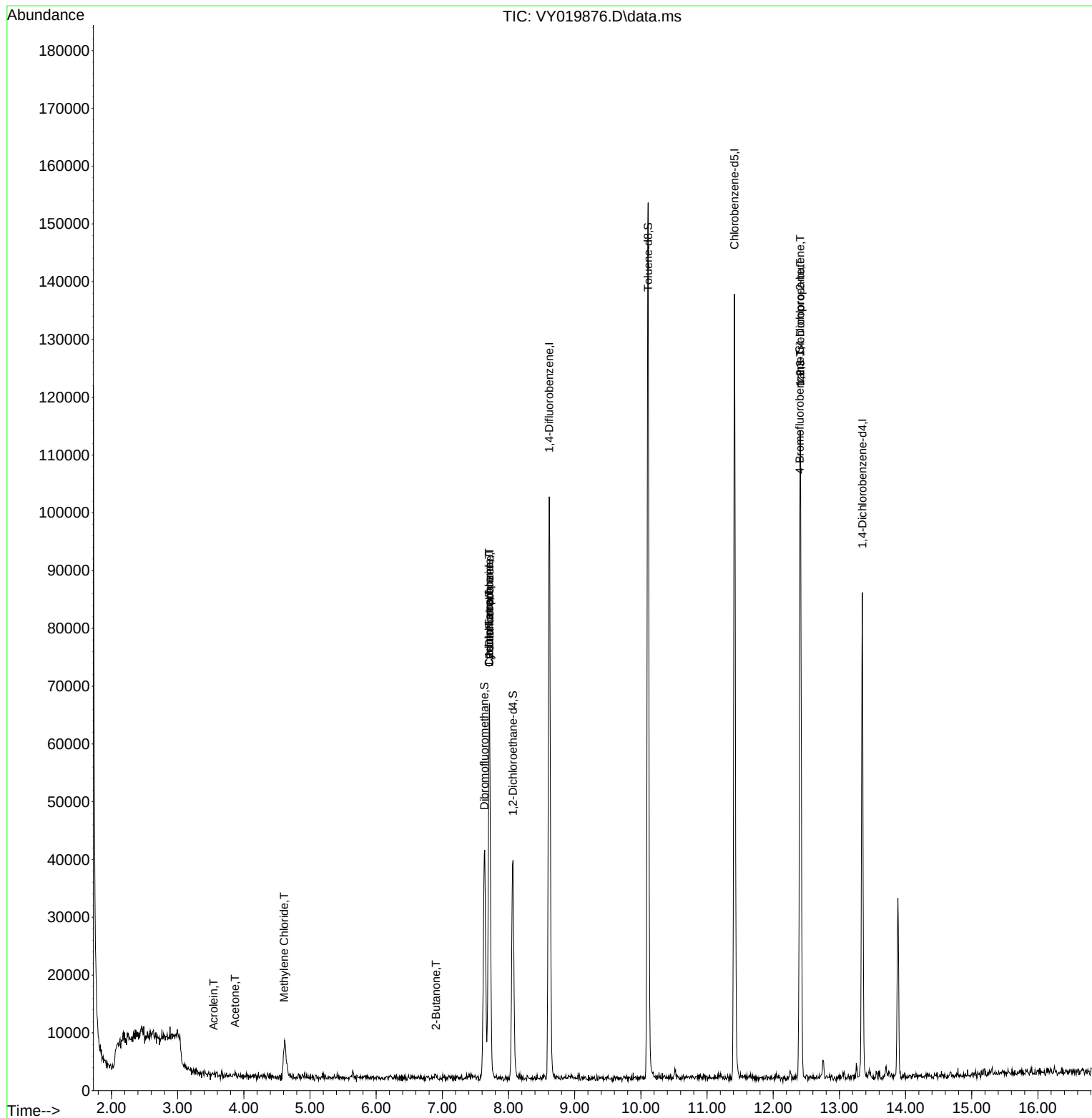
Internal Standards						
1) Pentafluorobenzene	7.713	168	45536	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	82544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	67231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	18930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	30587	54.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.634	113	28566	52.444	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.109	98	95591	47.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.040%	
62) 4-Bromofluorobenzene	12.402	95	26309	36.198	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 72.400%	
Target Compounds						
					Qvalue	
13) Acrolein	3.543	56	64	1.553	ug/l #	15
16) Acetone	3.866	43	602	4.125	ug/l #	36
20) Methylene Chloride	4.610	84	4315	7.313	ug/l #	85
25) 2-Butanone	6.903	43	301	1.541	ug/l #	41
31) Cyclohexane	7.707	56	1530	1.633	ug/l #	62
36) 1,1-Dichloropropene	7.707	75	4596	5.857	ug/l #	45
38) Carbon Tetrachloride	7.707	117	4613	5.483	ug/l #	13
76) 1,2,3-Trichloropropane	12.408	75	15082	40.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15082	164.160	ug/l #	17

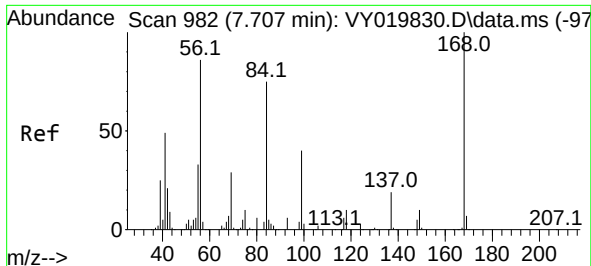
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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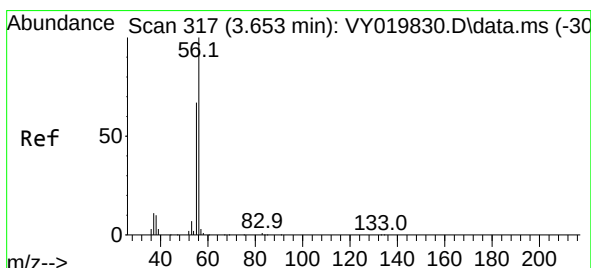
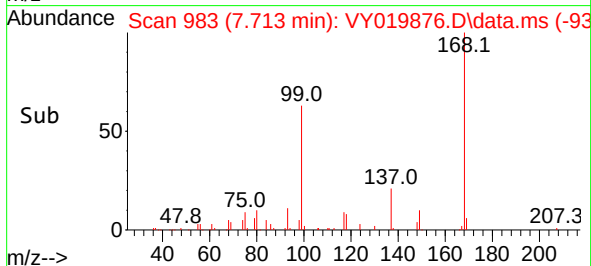
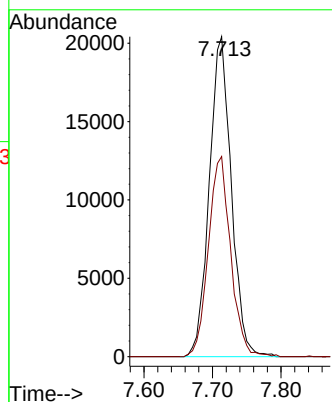
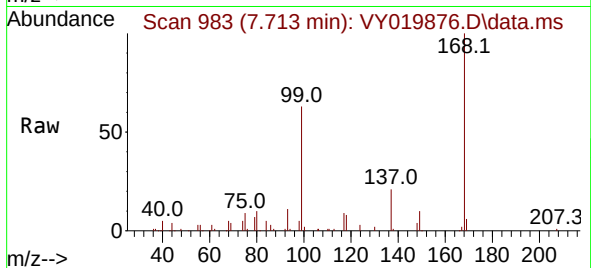




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

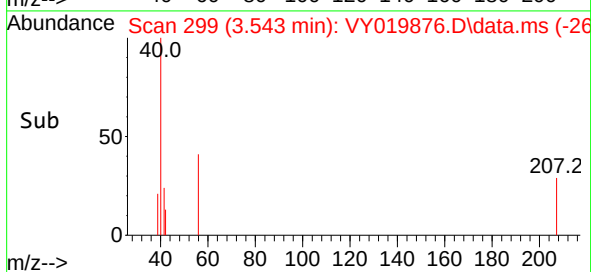
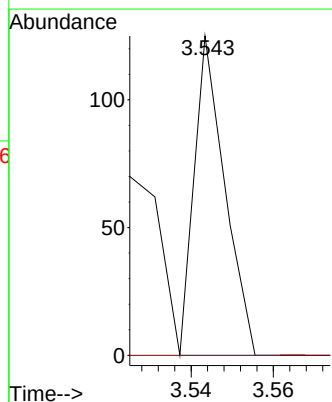
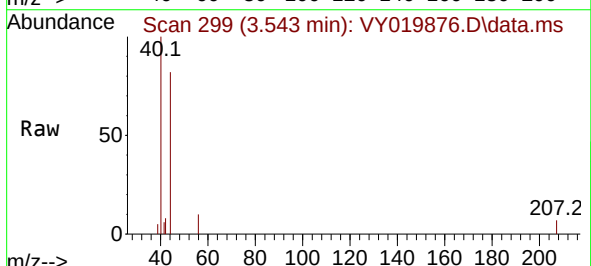
Instrument :
MSVOA_Y
ClientSampleId :

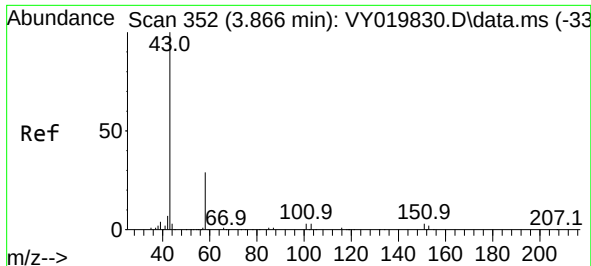
Tgt Ion:168 Resp: 45536
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#13
Acrolein
Concen: 1.553 ug/l
RT: 3.543 min Scan# 299
Delta R.T. -0.110 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

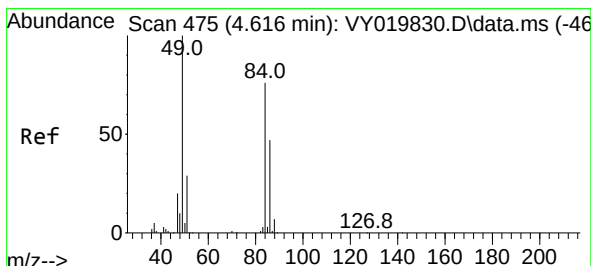
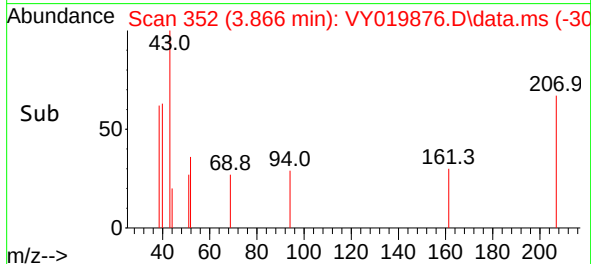
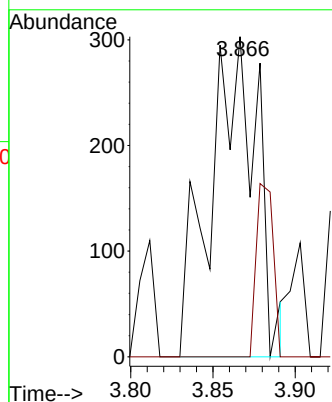
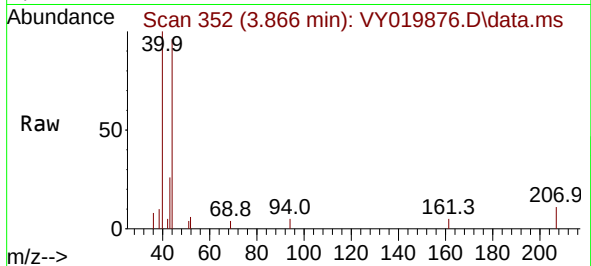




#16
Acetone
Concen: 4.125 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

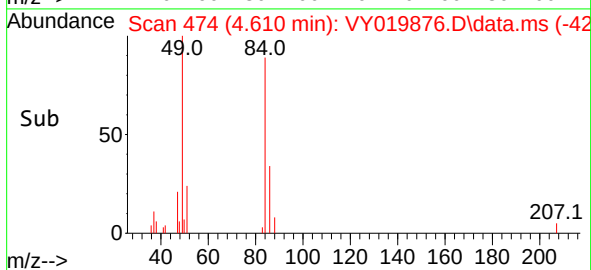
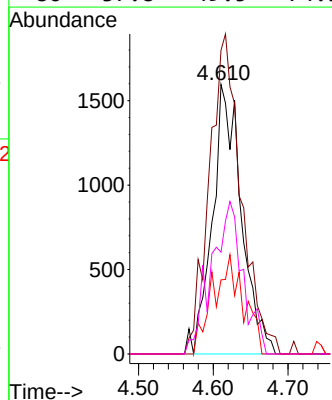
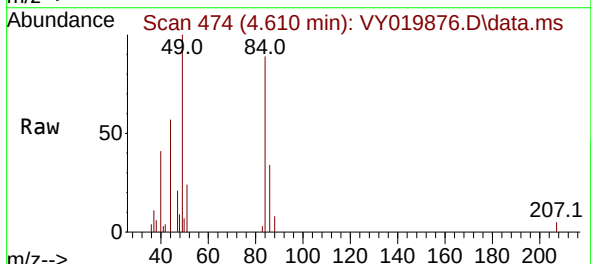
Instrument :
MSVOA_Y
ClientSampleId :

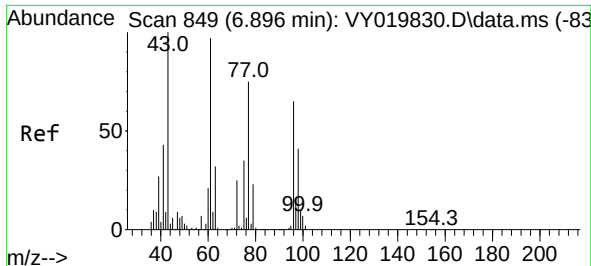
Tgt Ion: 43 Resp: 602
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 7.313 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Tgt Ion: 84 Resp: 4315
Ion Ratio Lower Upper
84 100
49 112.7 84.4 126.6
51 27.5 26.0 39.0
86 37.8 49.5 74.3#

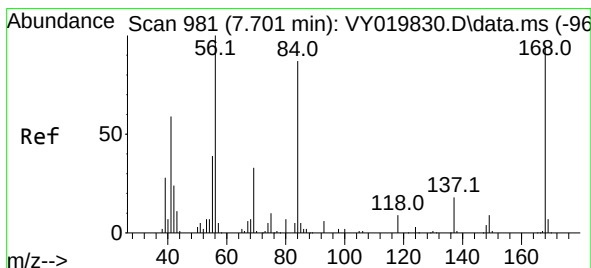
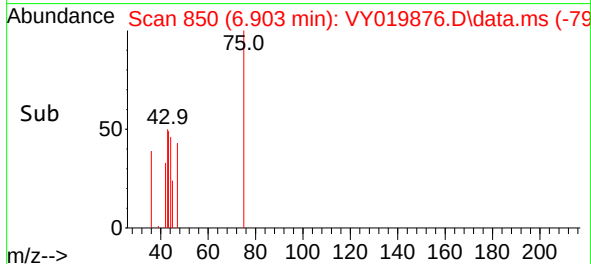
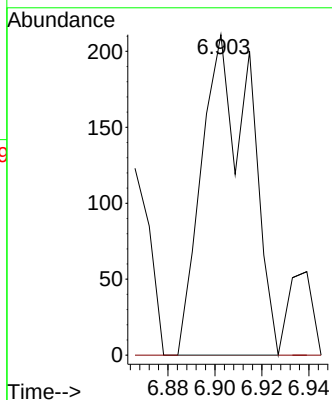
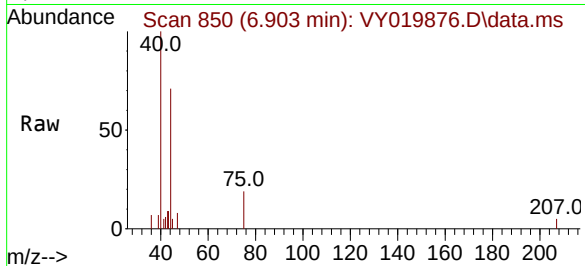




#25
2-Butanone
Concen: 1.541 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

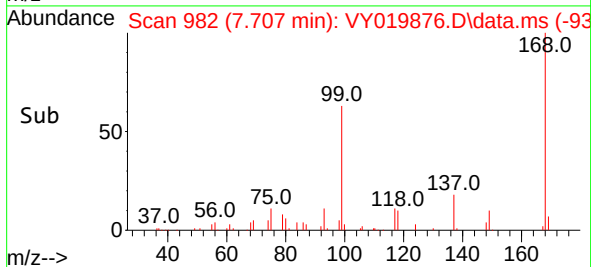
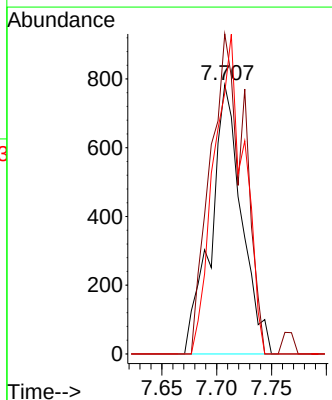
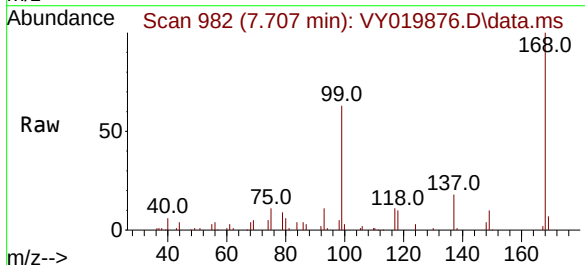
Instrument :
MSVOA_Y
ClientSampleId :

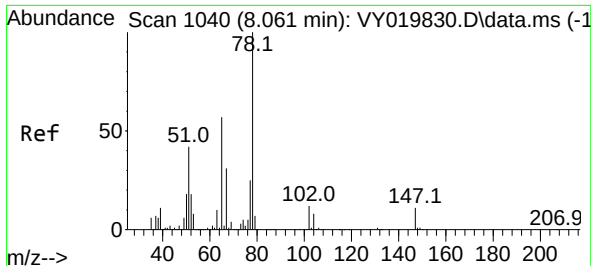
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.633 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Tgt Ion: 56 Resp: 1530
Ion Ratio Lower Upper
56 100
69 118.9 28.7 43.1#
84 96.9 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 54.553 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY019876.D

Acq: 11 Oct 2024 16:58

Instrument :

MSVOA_Y

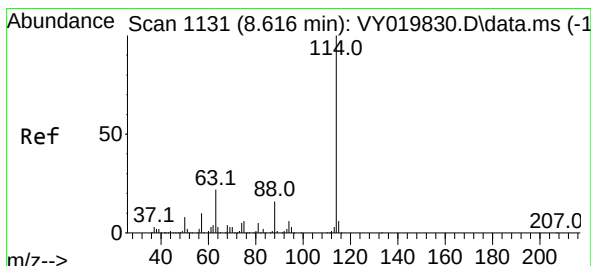
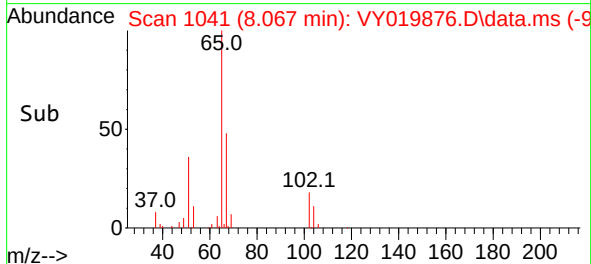
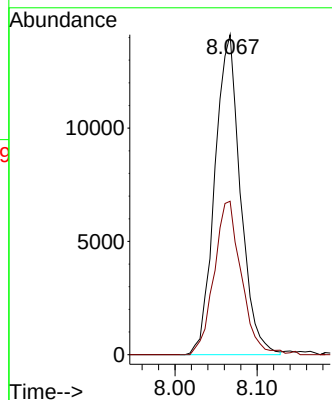
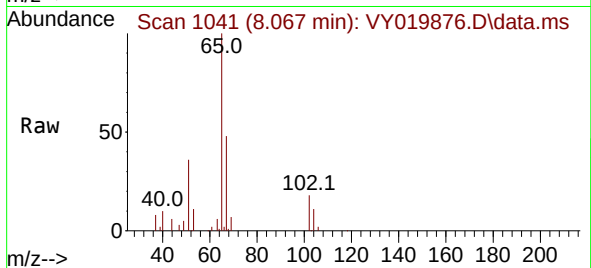
ClientSampleId :

Tgt Ion: 65 Resp: 30587

Ion Ratio Lower Upper

65 100

67 51.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019876.D

Acq: 11 Oct 2024 16:58

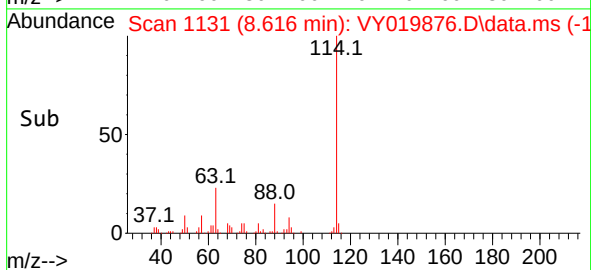
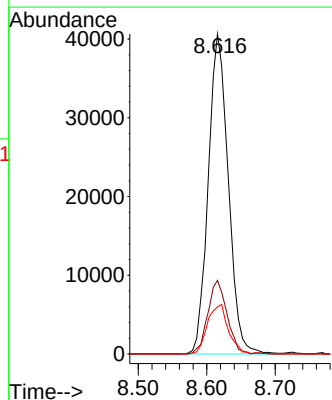
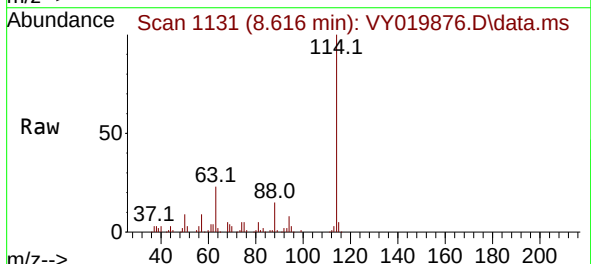
Tgt Ion: 114 Resp: 82544

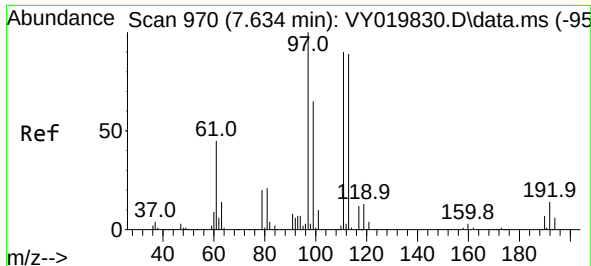
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

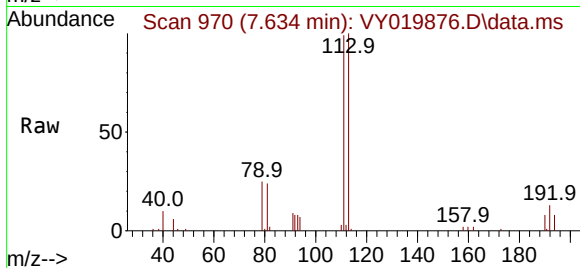
88 14.7 0.0 27.2



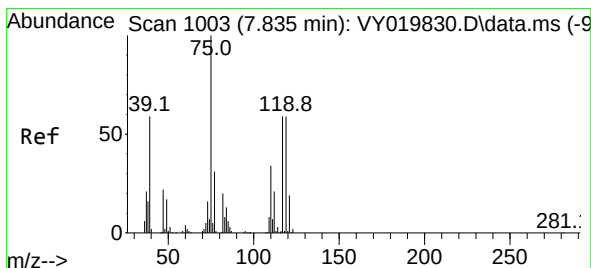
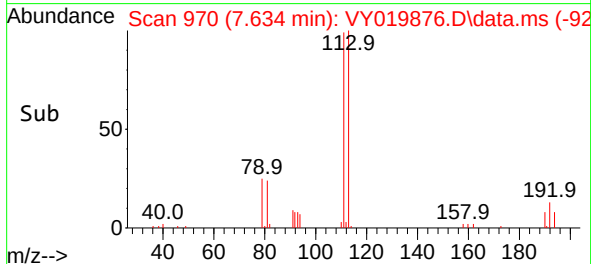
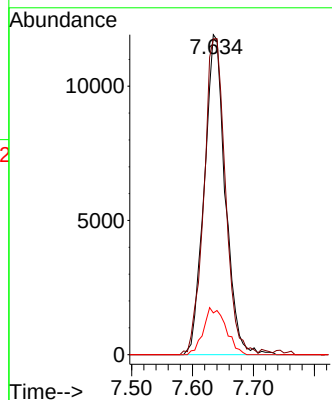


#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

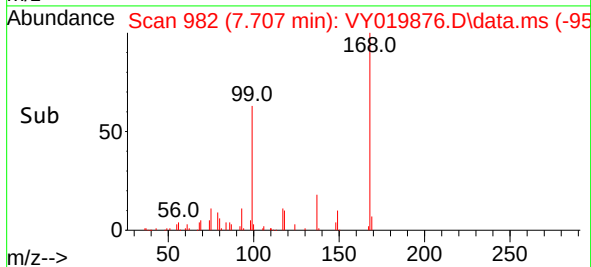
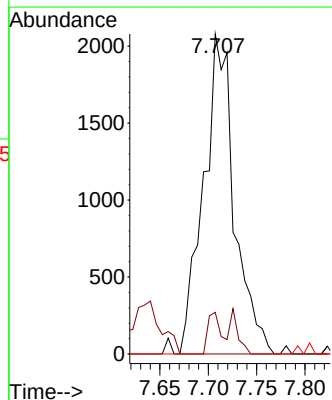
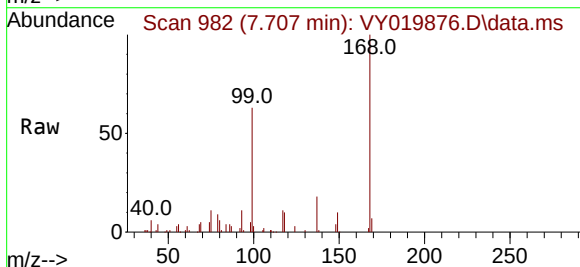


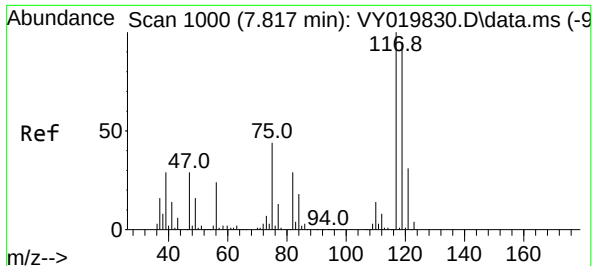
Tgt Ion:113 Resp: 28566
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 15.7 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 5.857 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

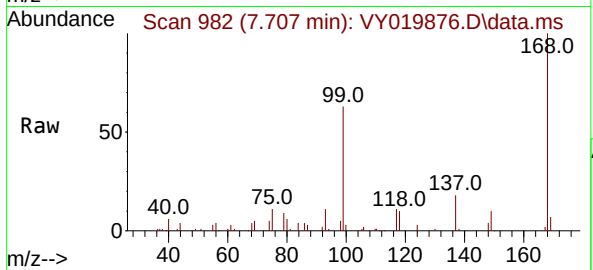
Tgt Ion: 75 Resp: 4596
Ion Ratio Lower Upper
75 100
110 5.8 19.0 57.0#
77 0.0 25.3 37.9#



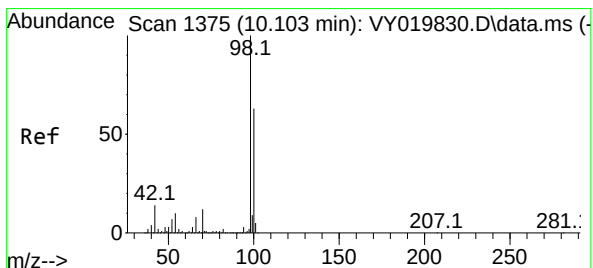
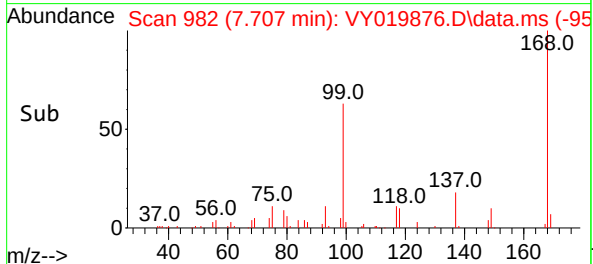
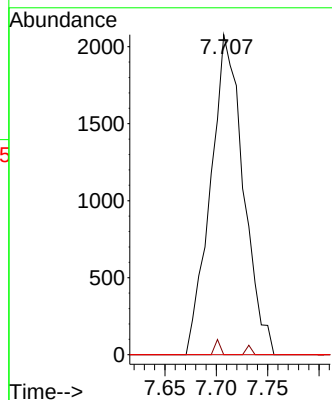


#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

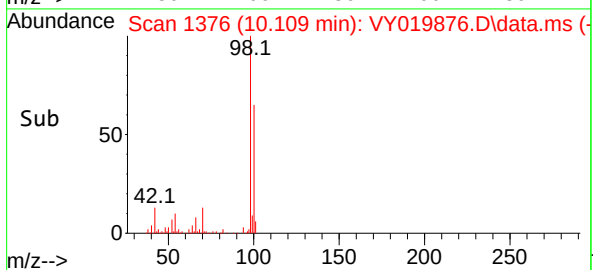
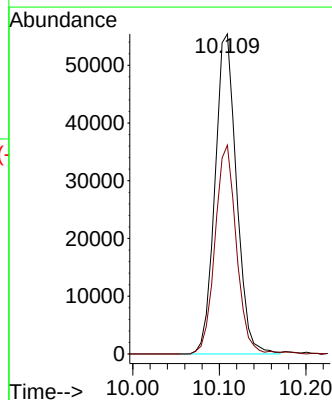
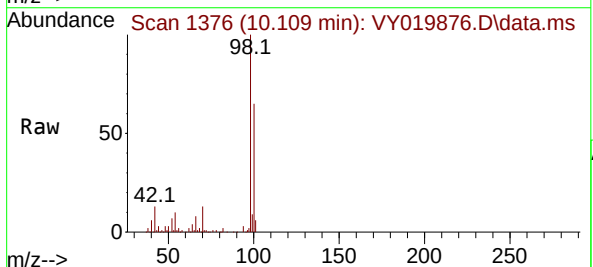


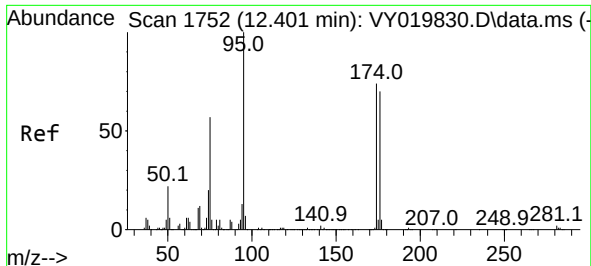
Tgt Ion:117 Resp: 4613
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.522 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Tgt Ion: 98 Resp: 95591
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

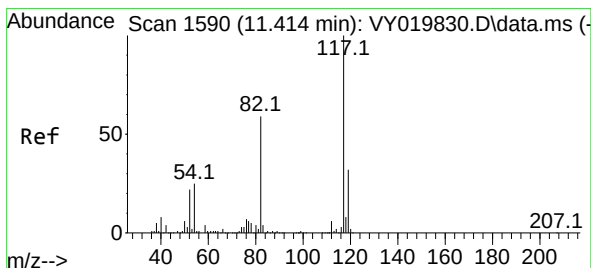
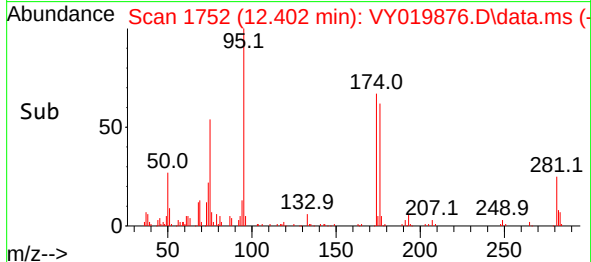
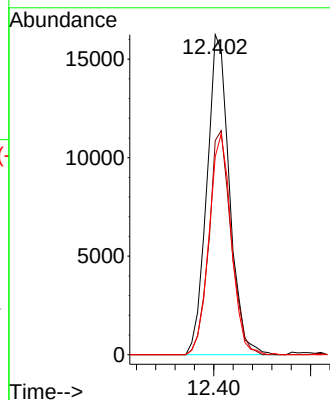
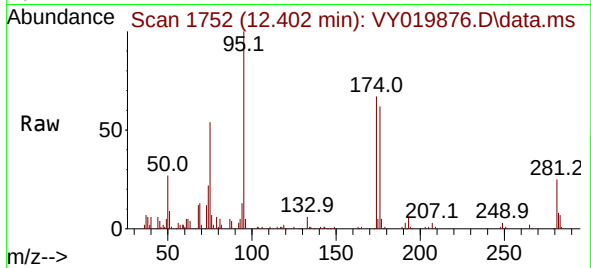




#62
4-Bromofluorobenzene
Concen: 36.198 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

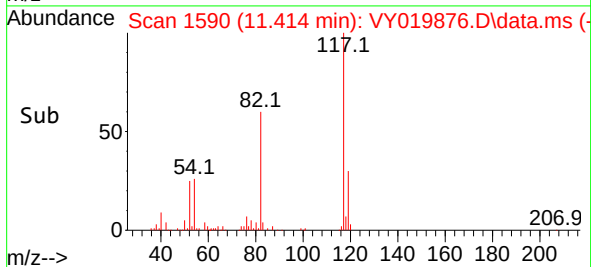
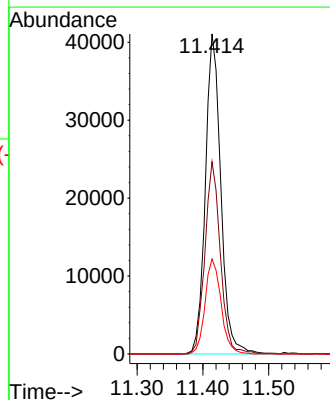
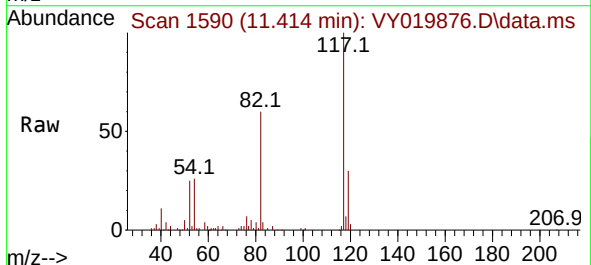
Instrument :
MSVOA_Y
ClientSampleId :

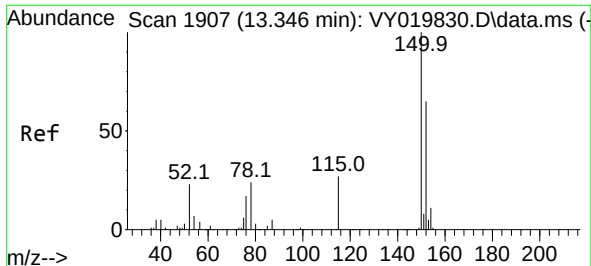
Tgt Ion: 95 Resp: 26309
Ion Ratio Lower Upper
95 100
174 68.9 0.0 175.6
176 67.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

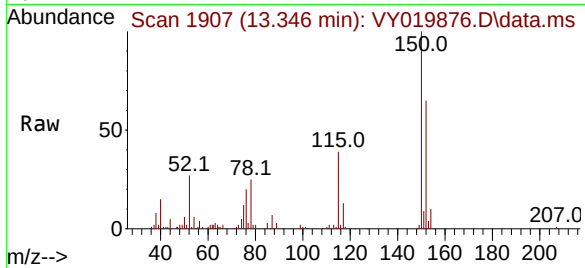
Tgt Ion: 117 Resp: 67231
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 29.7 25.9 38.9



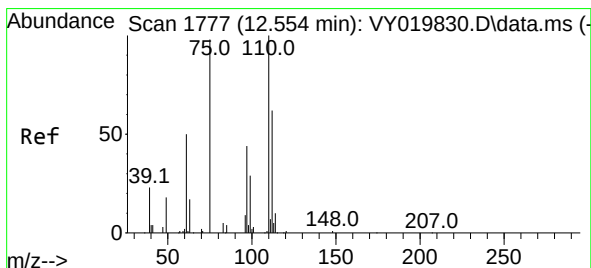
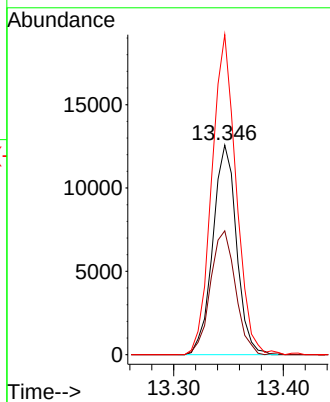
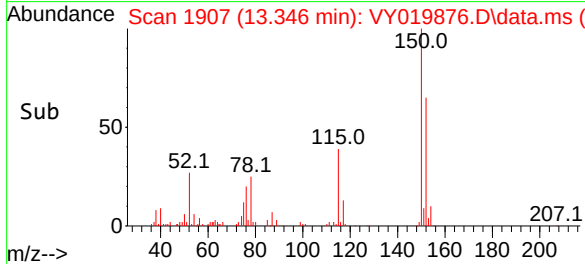


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

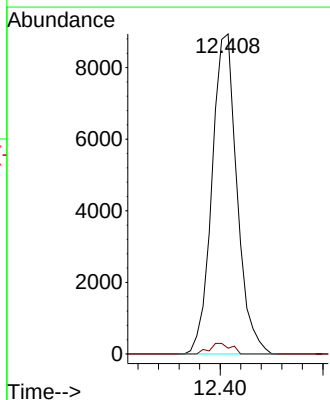
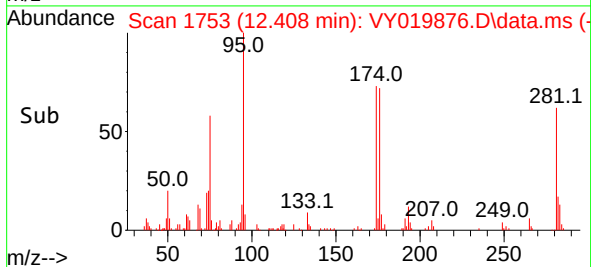
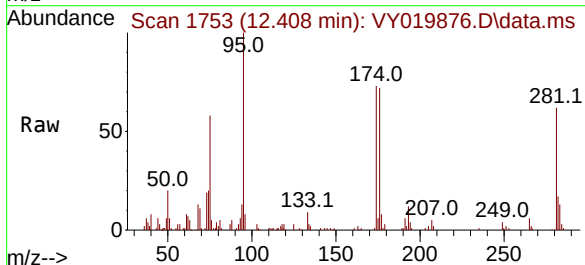


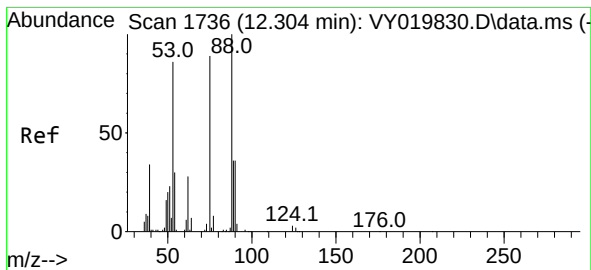
Tgt Ion:152 Resp: 18930
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 156.4 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 40.670 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019876.D
Acq: 11 Oct 2024 16:58

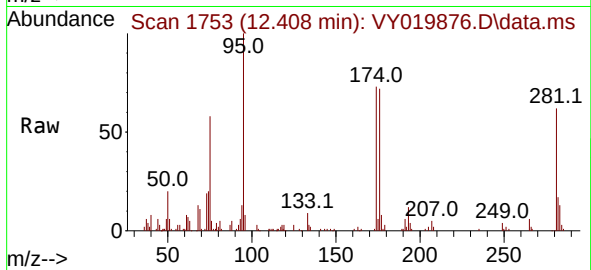
Tgt Ion: 75 Resp: 15082
Ion Ratio Lower Upper
75 100
77 2.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.160 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019876.D
 Acq: 11 Oct 2024 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 15082
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 1.4 35.8 53.6#

