

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020134.D
 Acq On : 04 Nov 2024 11:01
 Operator : SY/MD
 Sample : VY1104SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

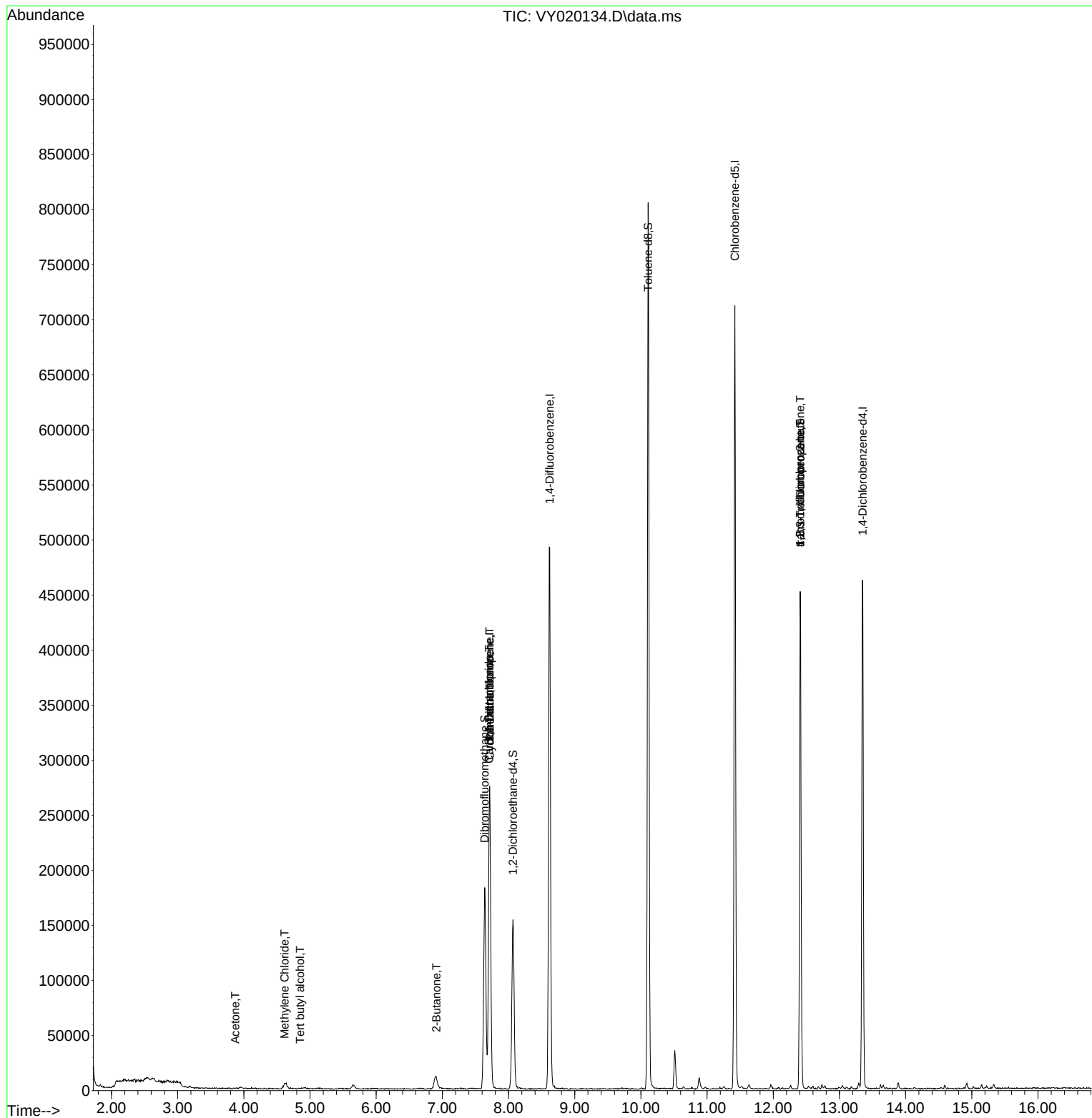
Internal Standards						
1) Pentafluorobenzene	7.713	168	190734	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	396382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	340703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	108210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	121142	50.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.640	113	125321	49.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.460%	
50) Toluene-d8	10.109	98	487751	48.622	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.240%	
62) 4-Bromofluorobenzene	12.408	95	131798	40.449	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	188	1.098	ug/l	# 88
16) Acetone	3.873	43	844	1.525	ug/l	89
20) Methylene Chloride	4.616	84	3723	1.497	ug/l	93
25) 2-Butanone	6.909	43	1220	1.626	ug/l	# 41
31) Cyclohexane	7.720	56	5914	1.369	ug/l	# 55
36) 1,1-Dichloropropene	7.713	75	19193	4.930	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	22111	5.648	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	76436	75.354	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	76436	162.084	ug/l	# 16

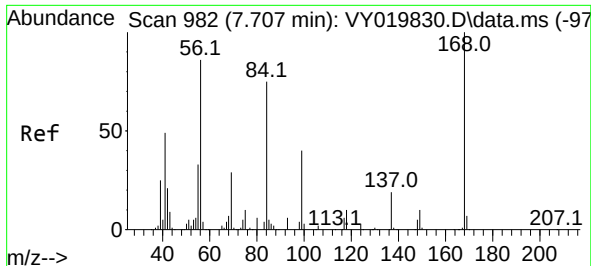
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 00:27:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

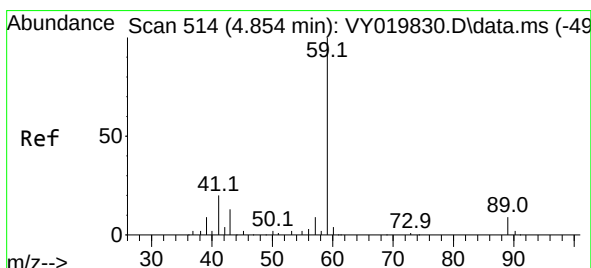
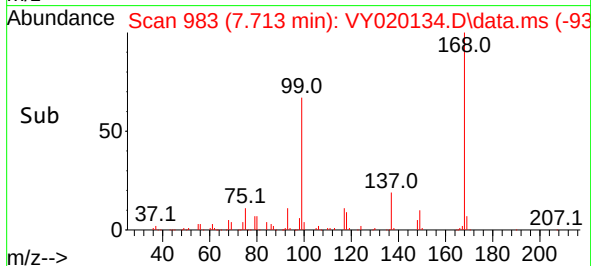
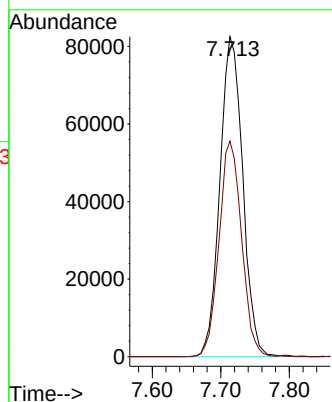
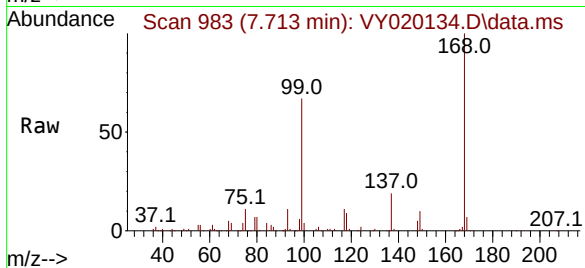




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

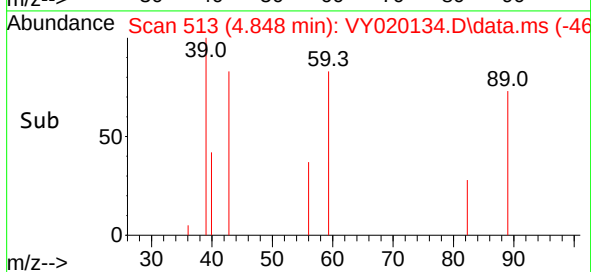
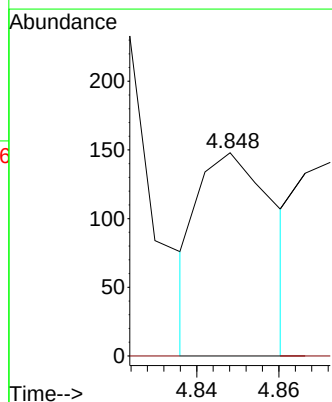
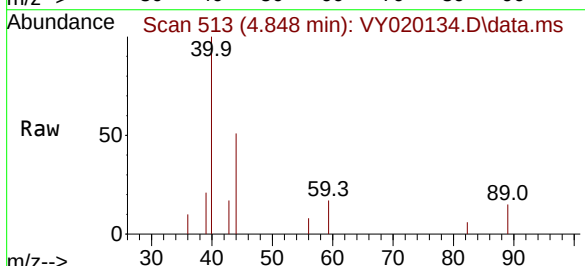
Instrument :
MSVOA_Y
ClientSampleId :

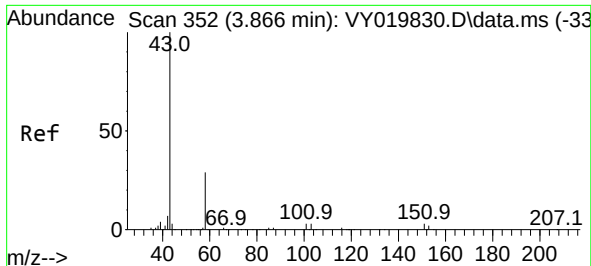
Tgt Ion:168 Resp: 190734
Ion Ratio Lower Upper
168 100
99 67.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.098 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

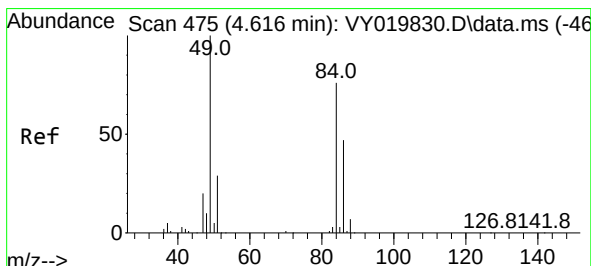
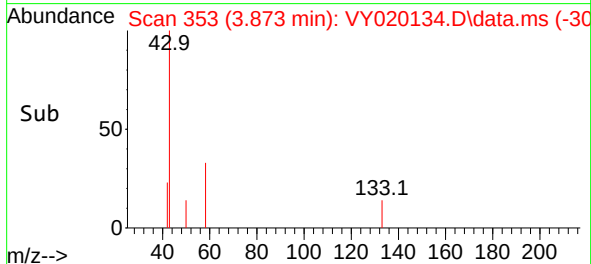
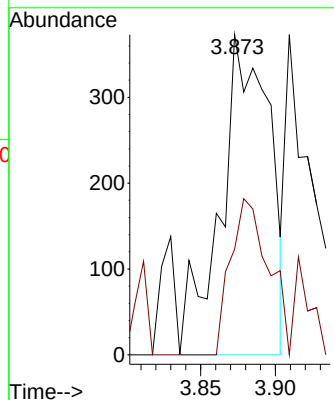
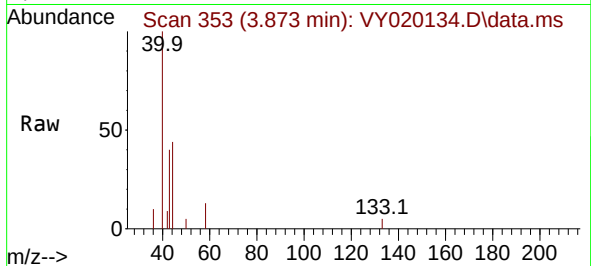




#16
Acetone
Concen: 1.525 ug/l
RT: 3.873 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

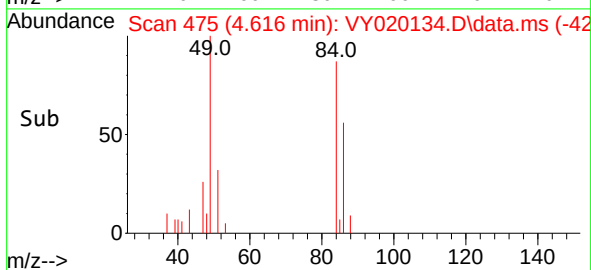
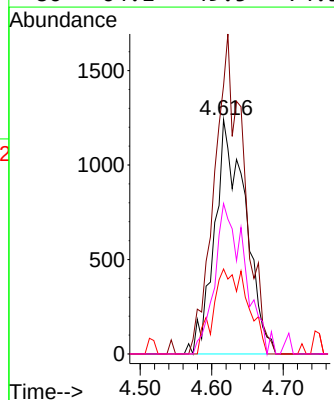
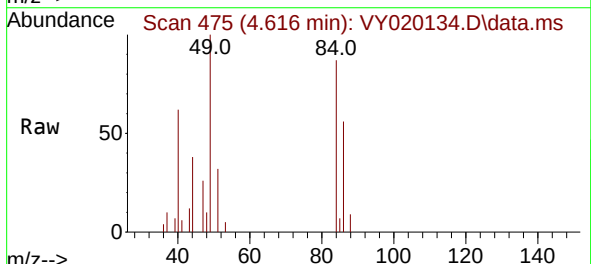
Instrument :
MSVOA_Y
ClientSampleId :

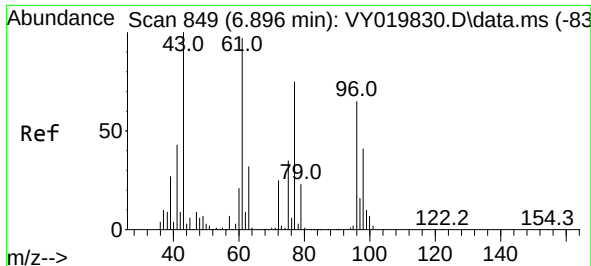
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 33.0 31.7 47.5



#20
Methylene Chloride
Concen: 1.497 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Tgt Ion: 84 Resp: 3723
Ion Ratio Lower Upper
84 100
49 114.4 84.4 126.6
51 36.3 26.0 39.0
86 64.1 49.5 74.3

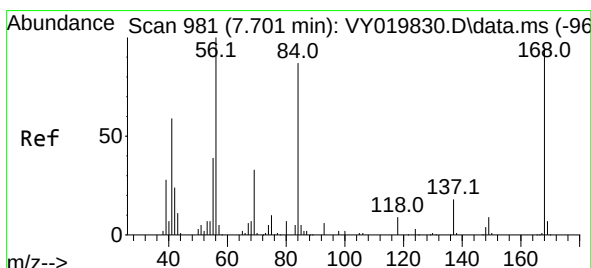
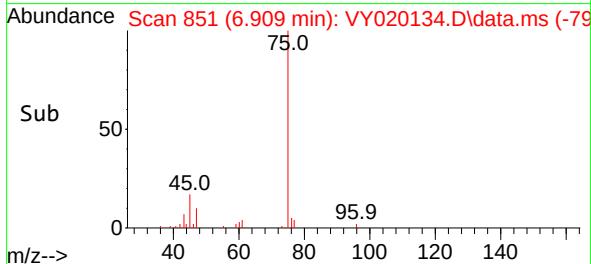
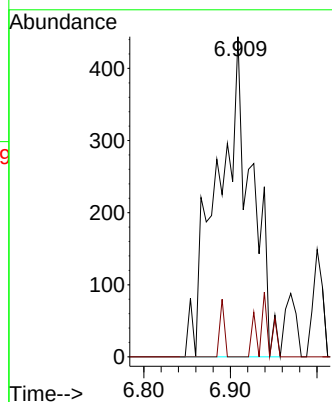
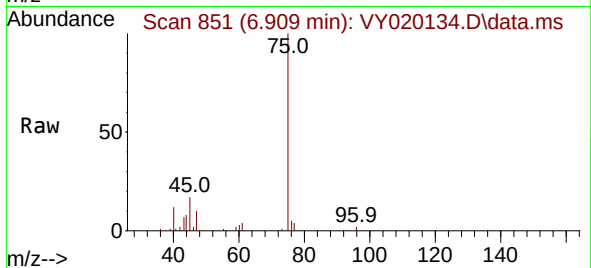




#25
2-Butanone
Concen: 1.626 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

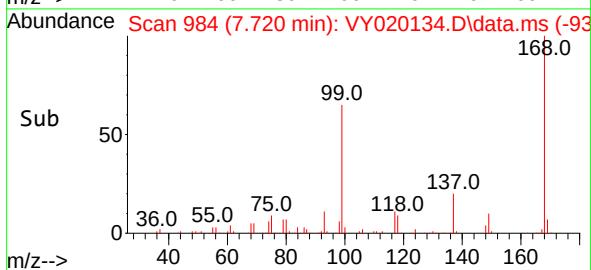
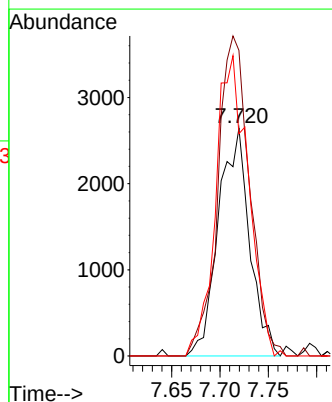
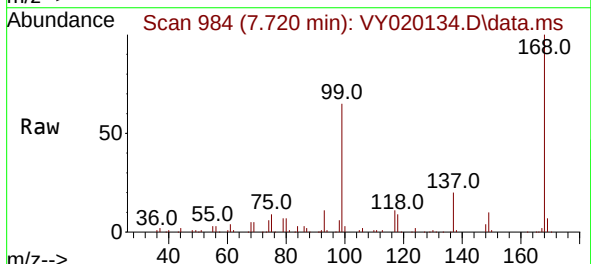
Instrument :
MSVOA_Y
ClientSampleId :

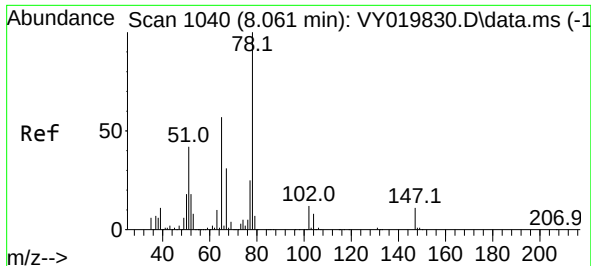
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.019 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Tgt Ion: 56 Resp: 5914
Ion Ratio Lower Upper
56 100
69 134.1 28.7 43.1#
84 97.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 50.890 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY020134.D

Acq: 04 Nov 2024 11:01

Instrument :

MSVOA_Y

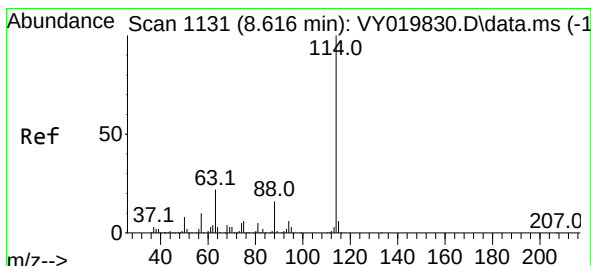
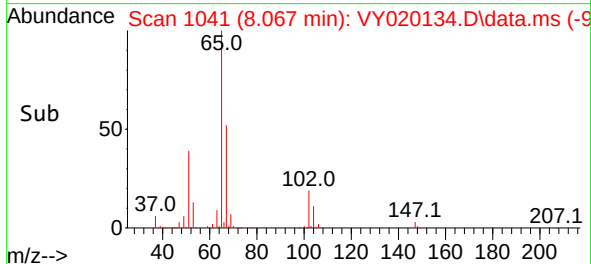
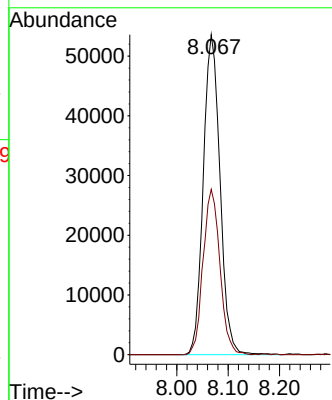
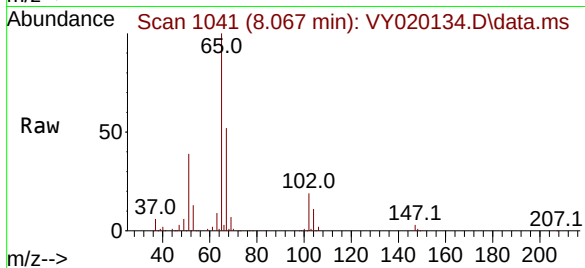
ClientSampleId :

Tgt Ion: 65 Resp: 121142

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VY020134.D

Acq: 04 Nov 2024 11:01

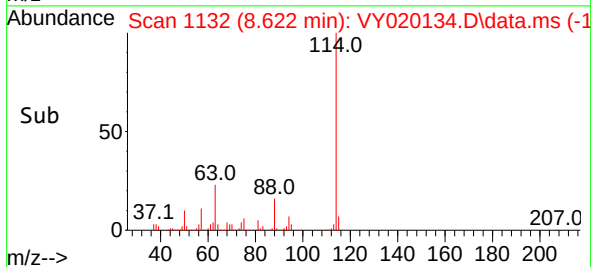
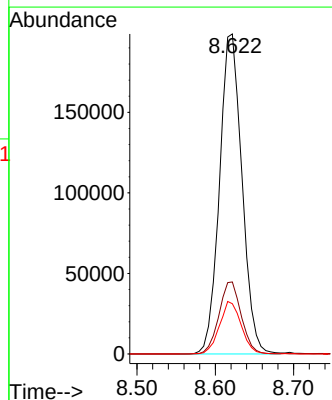
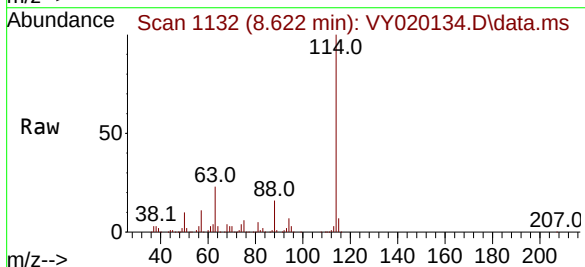
Tgt Ion: 114 Resp: 396382

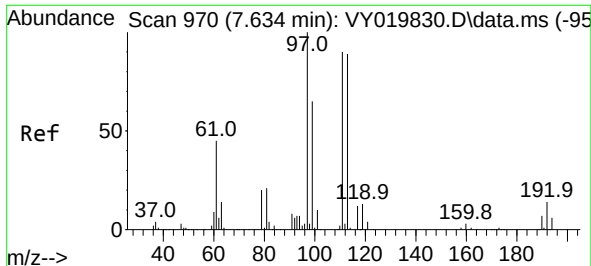
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

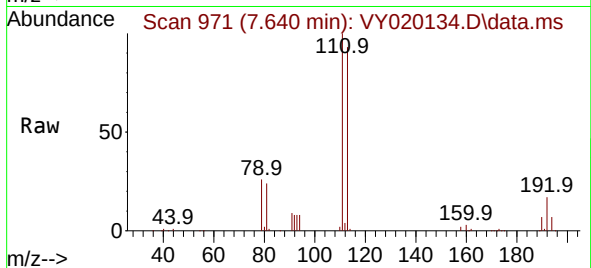
88 15.7 0.0 27.2



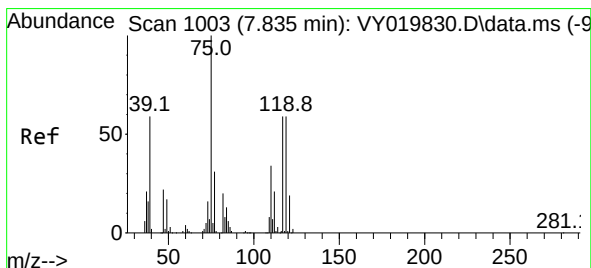
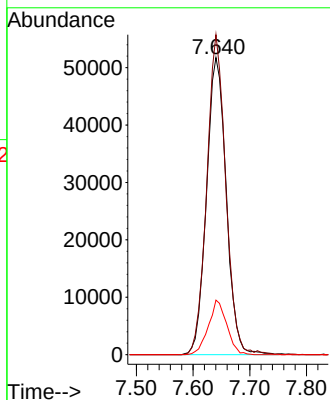
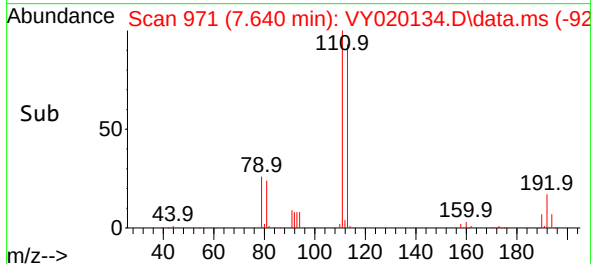


#35
Dibromofluoromethane
Concen: 49.727 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Instrument :
MSVOA_Y
ClientSampleId :

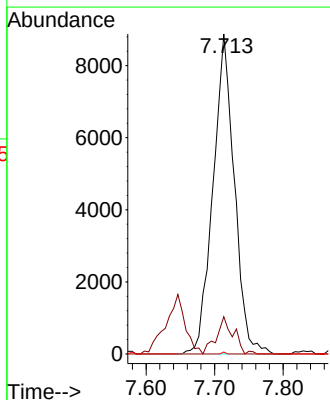
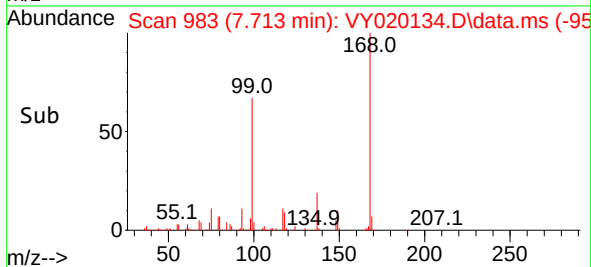
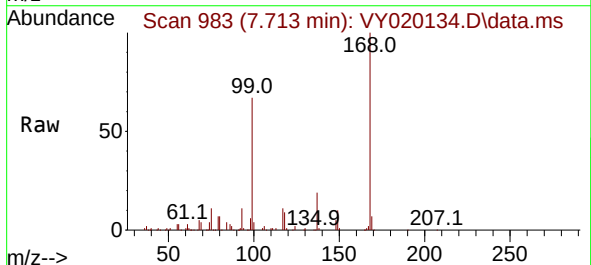


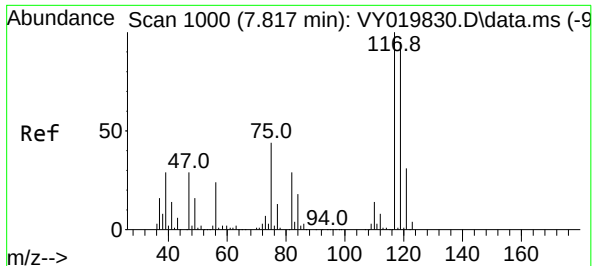
Tgt Ion:113 Resp: 125321
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.121 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

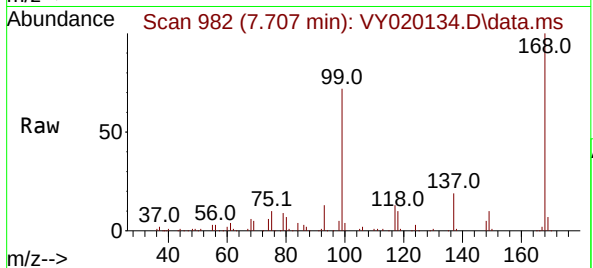
Tgt Ion: 75 Resp: 19193
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.1 25.3 37.9#



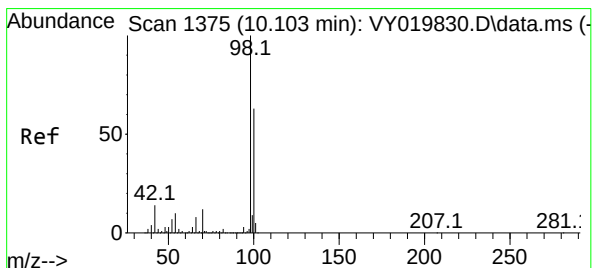
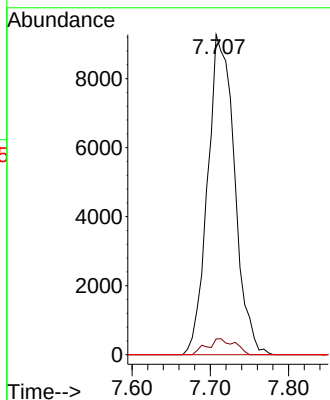
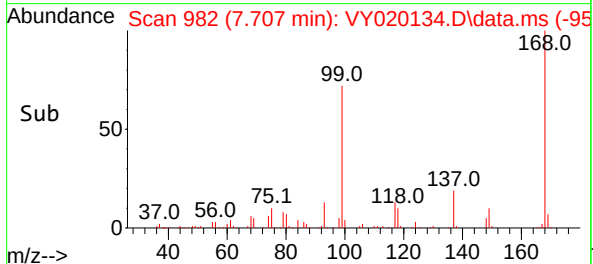


#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Instrument :
MSVOA_Y
ClientSampleId :

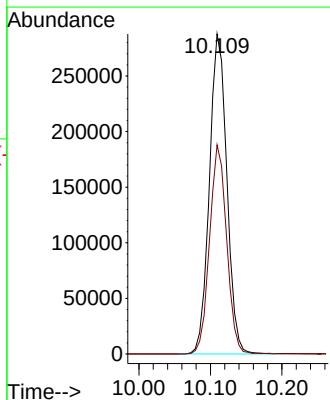
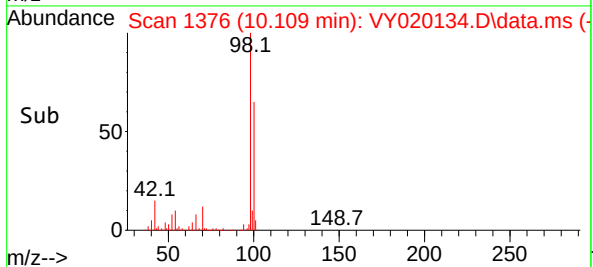
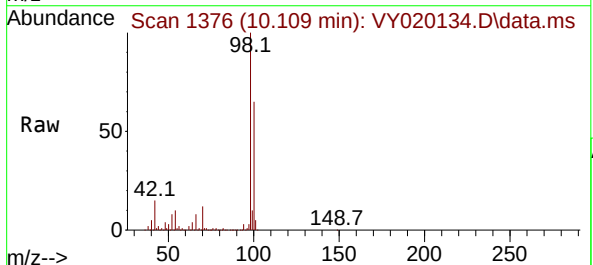


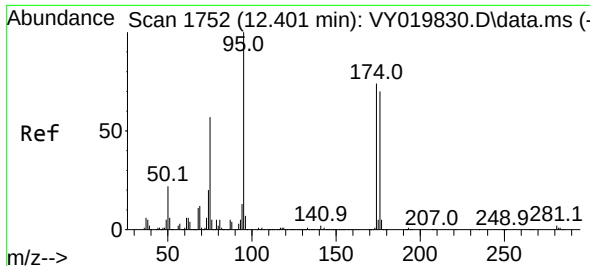
Tgt Ion:117 Resp: 22111
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.622 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Tgt Ion: 98 Resp: 487751
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

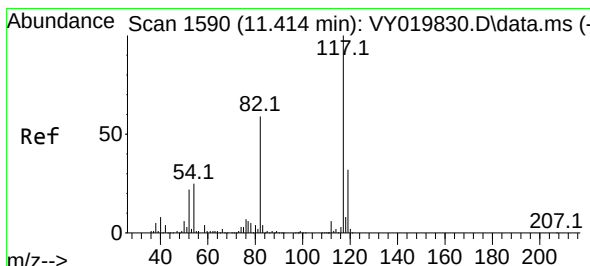
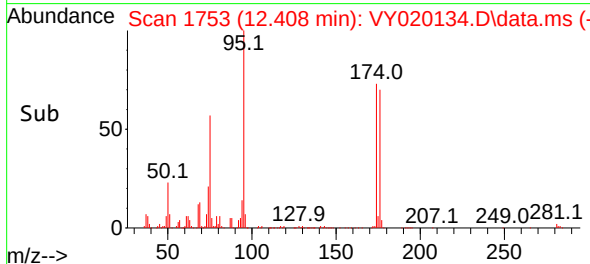
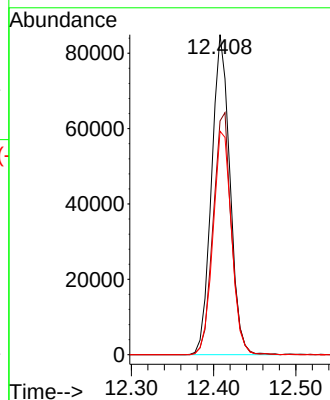
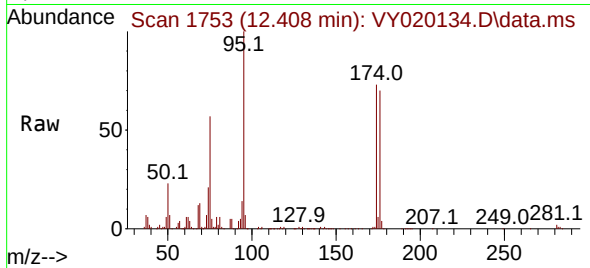




#62
4-Bromofluorobenzene
Concen: 40.449 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

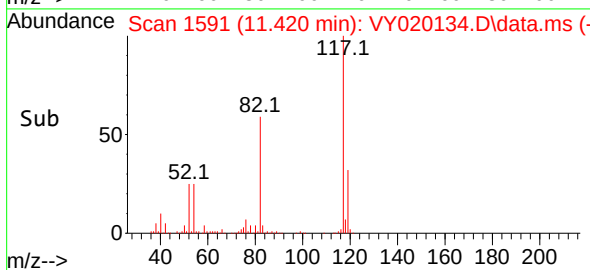
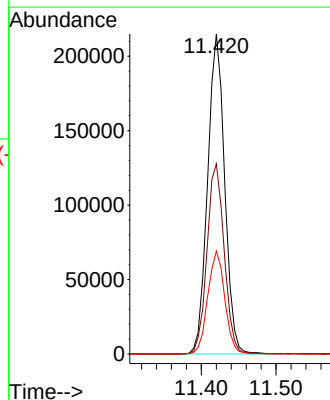
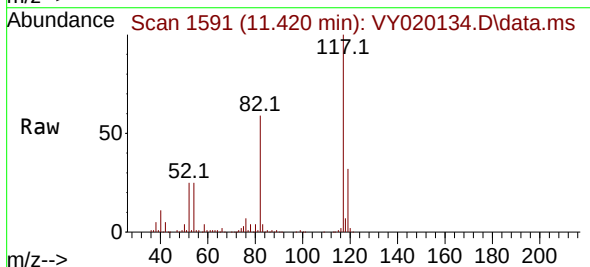
Instrument :
MSVOA_Y
ClientSampleId :

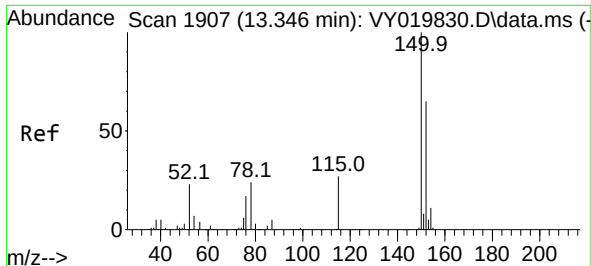
Tgt Ion: 95 Resp: 131798
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 70.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

Tgt Ion: 117 Resp: 340703
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.1 25.9 38.9

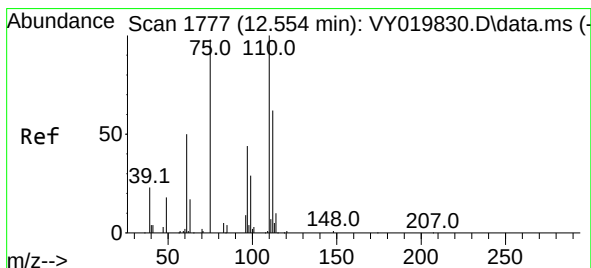
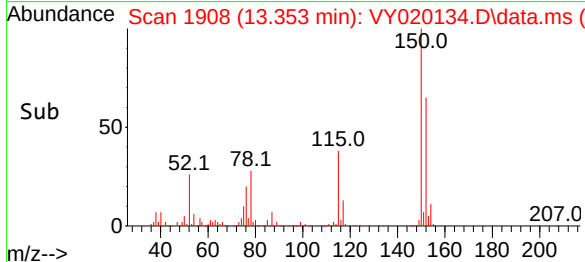
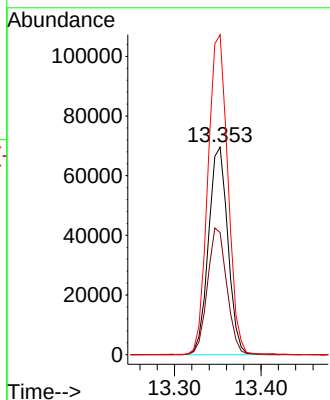
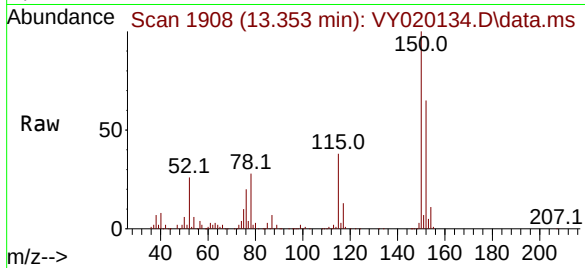




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

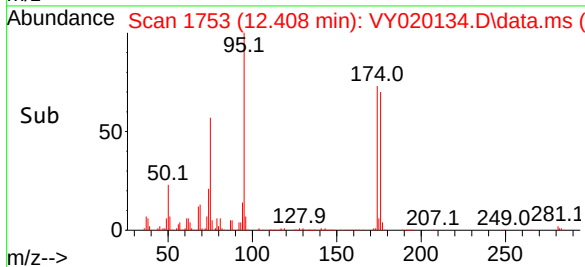
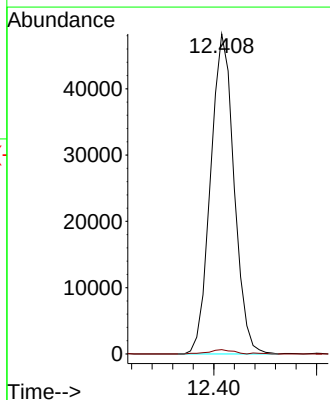
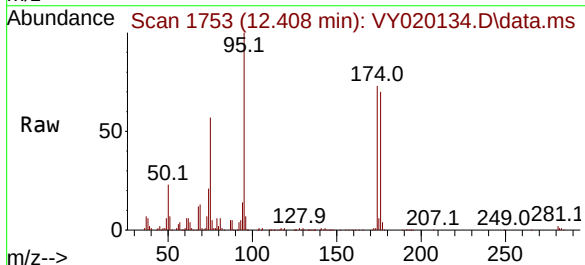
Instrument :
MSVOA_Y
ClientSampleId :

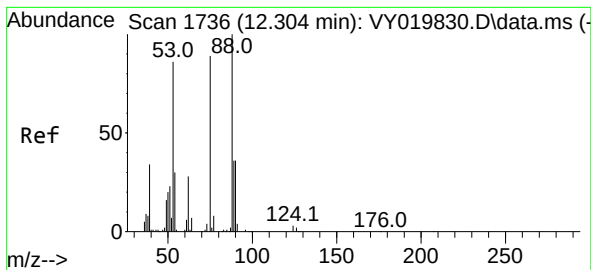
Tgt Ion:152 Resp: 108210
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 158.5 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 75.354 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020134.D
Acq: 04 Nov 2024 11:01

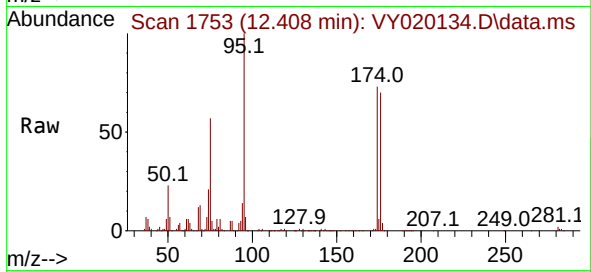
Tgt Ion: 75 Resp: 76436
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.084 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020134.D
 Acq: 04 Nov 2024 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

