

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020120.D
 Acq On : 01 Nov 2024 15:33
 Operator : SY/MD
 Sample : P4639-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 16:03:47 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)

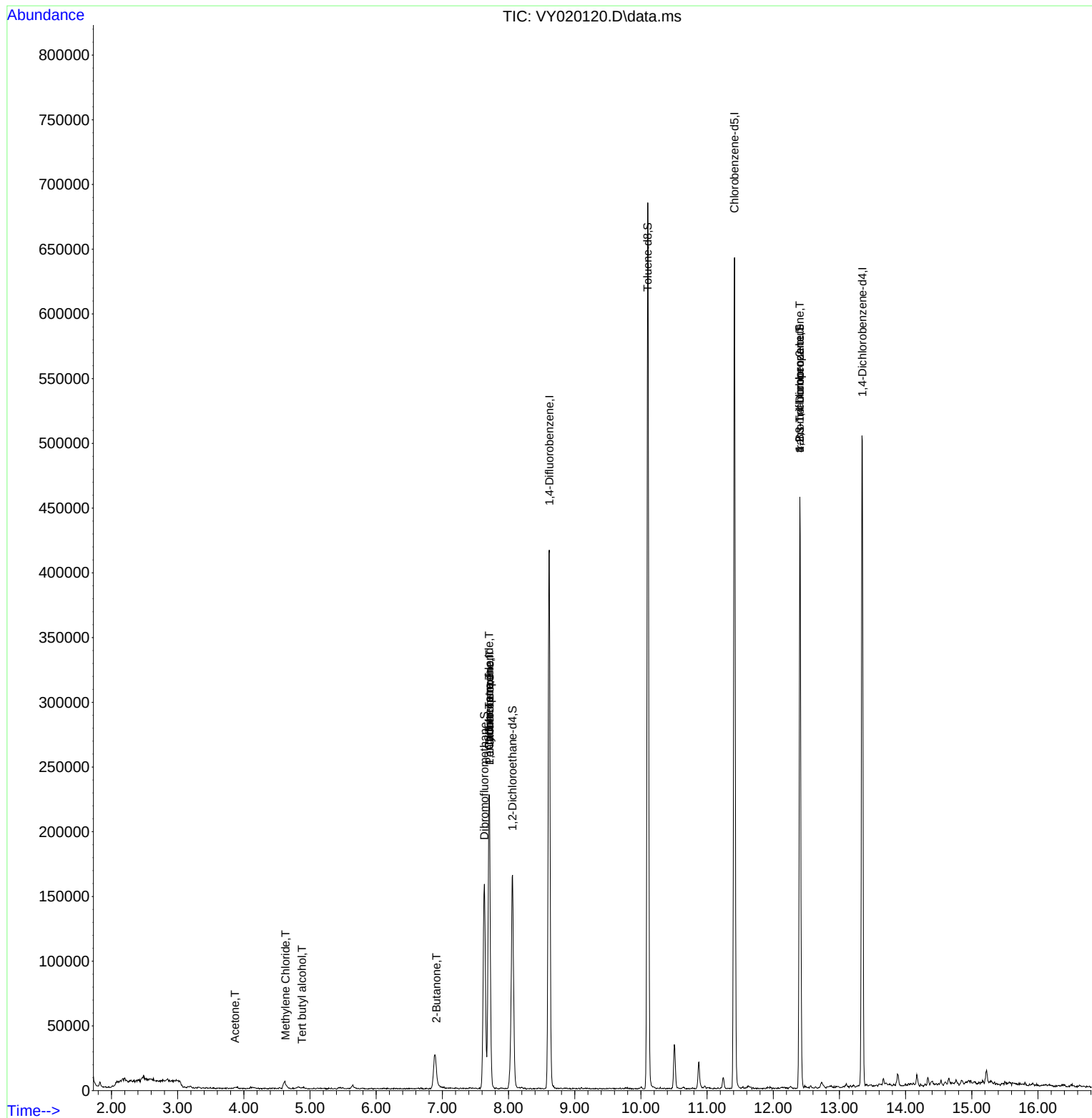
Internal Standards						
1) Pentafluorobenzene	7.713	168	159002	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	331948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	312839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115092	57.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.000%
35) Dibromofluoromethane	7.634	113	112365	53.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.103	98	416853	49.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.401	95	130179	47.707	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	222	1.555	ug/l	# 1
16) Acetone	3.866	43	903	1.957	ug/l	# 80
20) Methylene Chloride	4.628	84	3372	1.627	ug/l	# 87
25) 2-Butanone	6.908	43	1863	2.978	ug/l	# 41
31) Cyclohexane	7.707	56	5189	1.441	ug/l	# 49
36) 1,1-Dichloropropene	7.713	75	16261	4.988	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	18149	5.536	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	76555	70.507	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	76555	151.657	ug/l	# 16

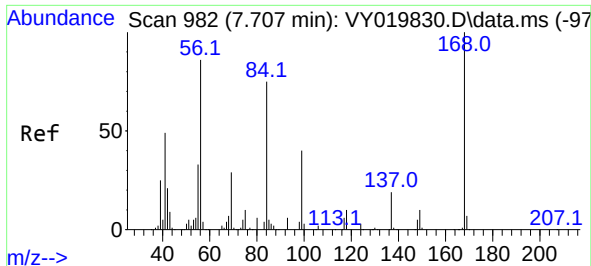
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

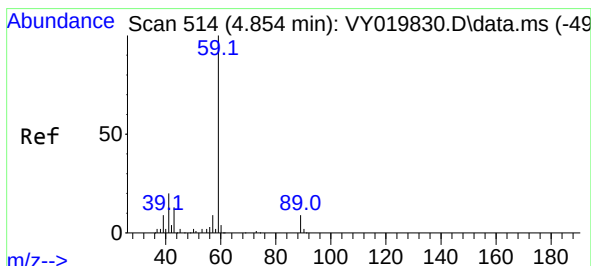
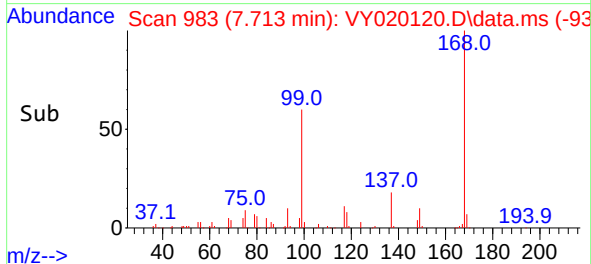
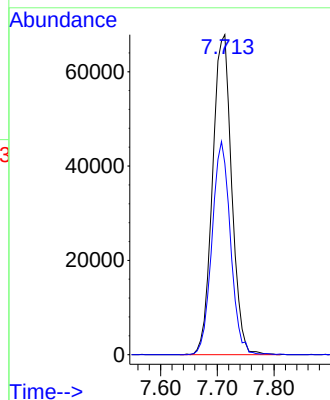
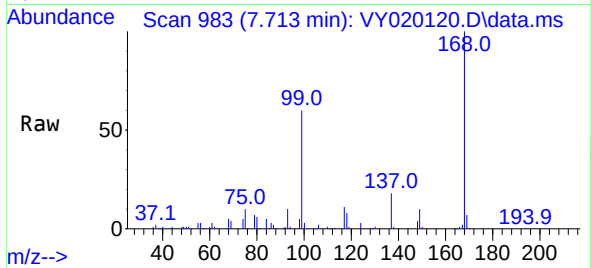




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

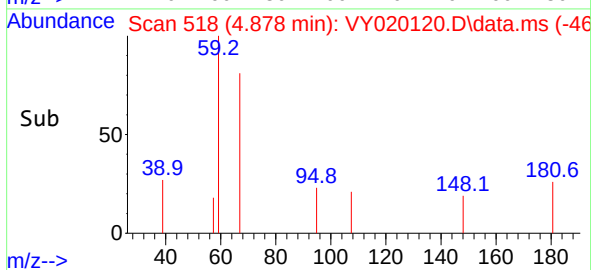
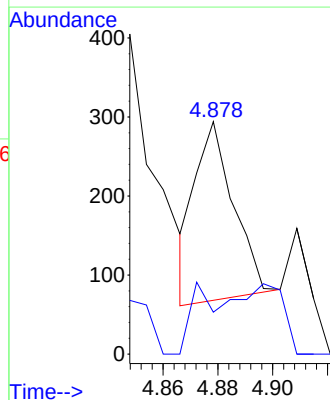
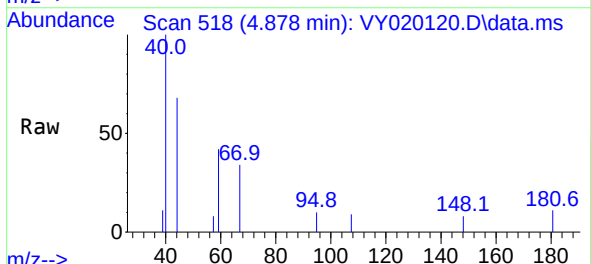
Instrument :
MSVOA_Y
ClientSampleId :

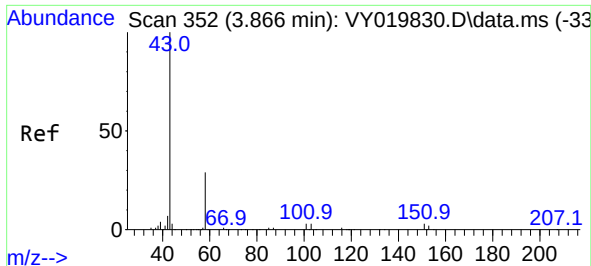
Tgt Ion:168 Resp: 159002
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.555 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

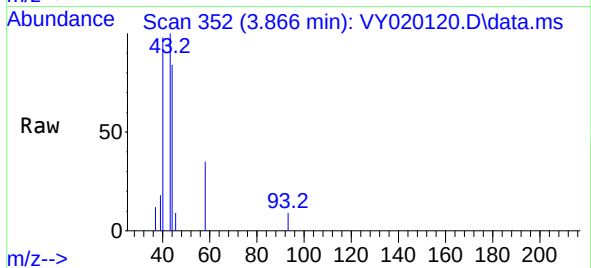
Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 74.3 3.0 4.6#



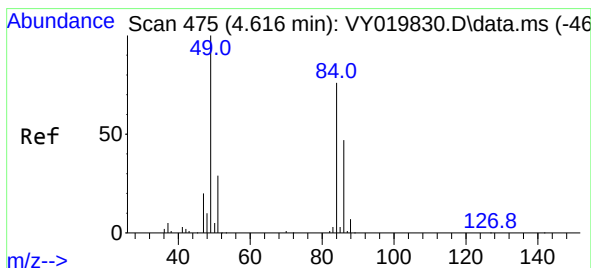
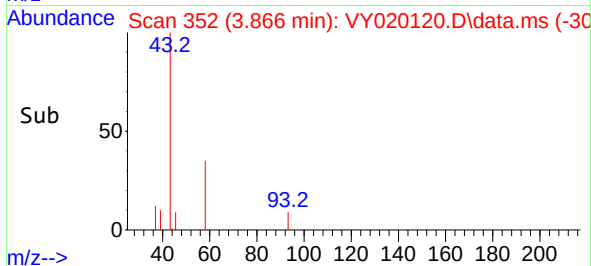
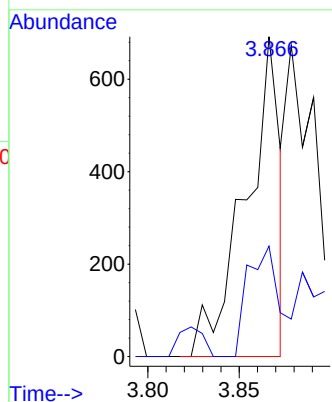


#16
Acetone
Concen: 1.957 ug/l
RT: 3.866 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

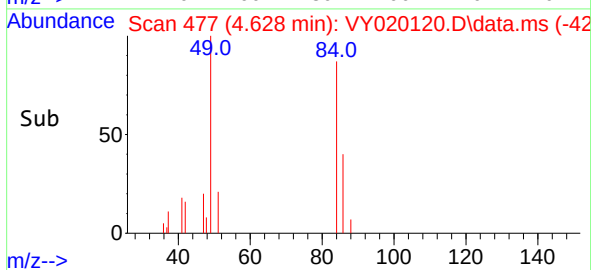
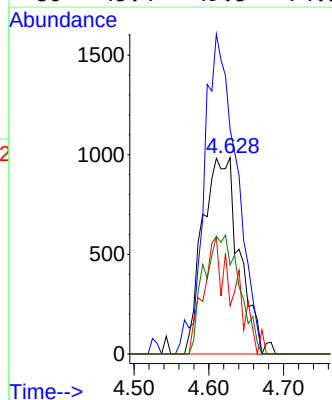
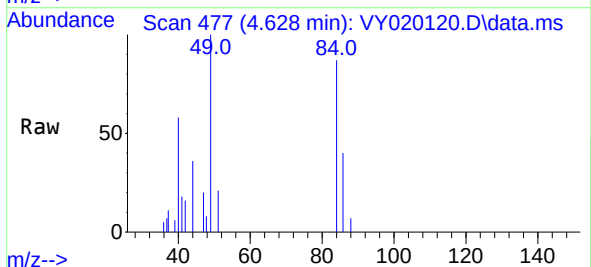


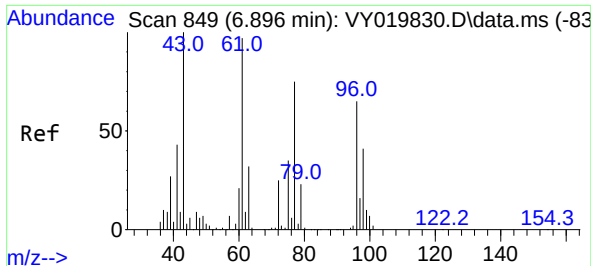
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 27.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.627 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Tgt Ion: 84 Resp: 3372
Ion Ratio Lower Upper
84 100
49 114.3 84.4 126.6
51 24.6 26.0 39.0#
86 45.4 49.5 74.3#

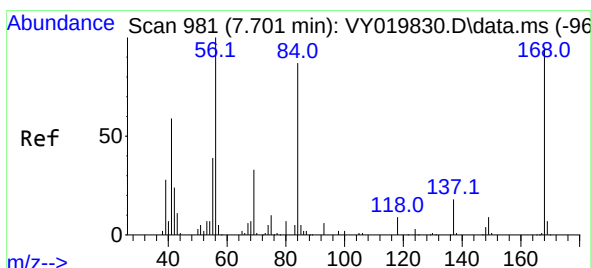
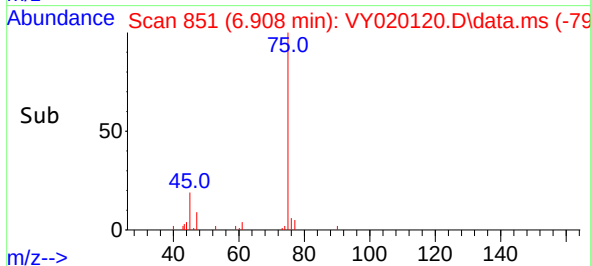
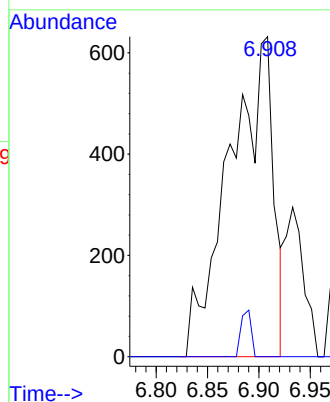
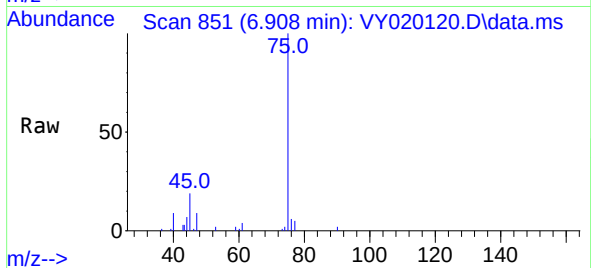




#25
2-Butanone
Concen: 2.978 ug/l
RT: 6.908 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

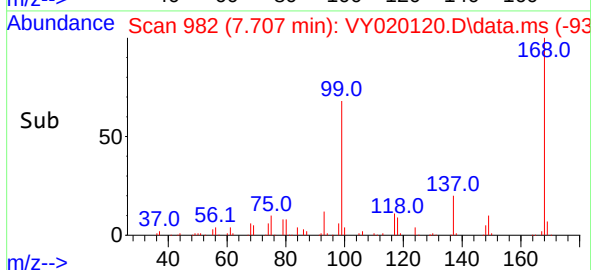
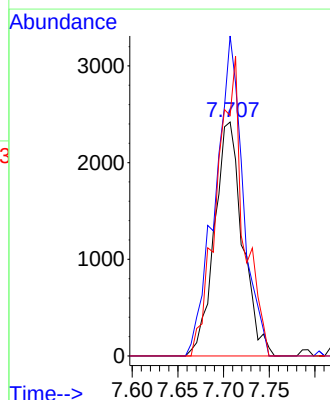
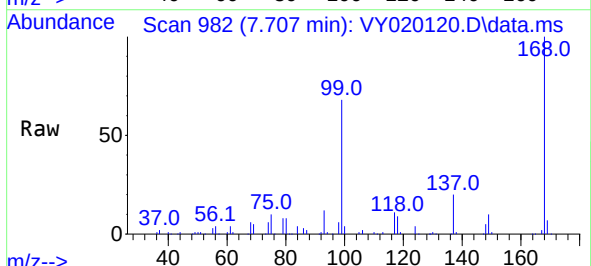
Instrument :
MSVOA_Y
ClientSampleId :

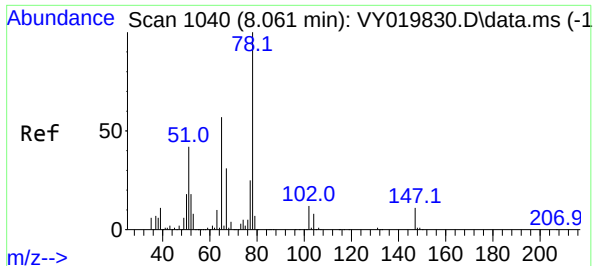
Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.441 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Tgt Ion: 56 Resp: 5189
Ion Ratio Lower Upper
56 100
69 136.8 28.7 43.1#
84 102.9 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.997 ug/l

RT: 8.061 min Scan# 11092

Delta R.T. 0.000 min

Lab File: VY020120.D

Acq: 01 Nov 2024 15:33

Instrument :

MSVOA_Y

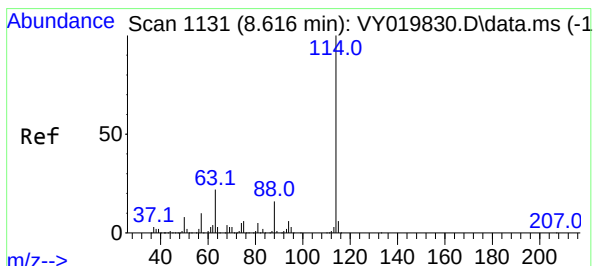
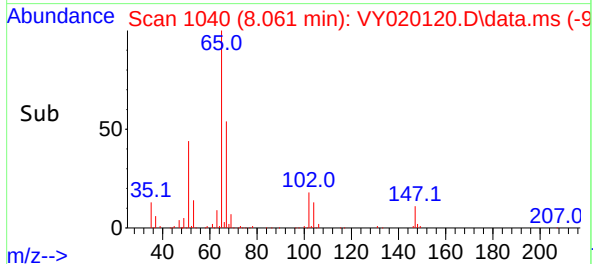
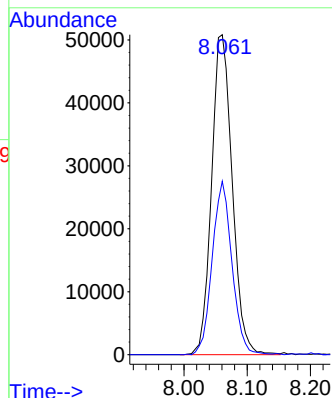
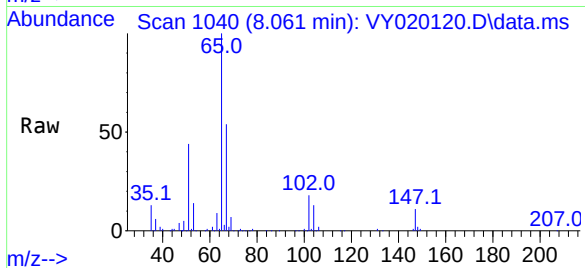
ClientSampleId :

Tgt Ion: 65 Resp: 115092

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020120.D

Acq: 01 Nov 2024 15:33

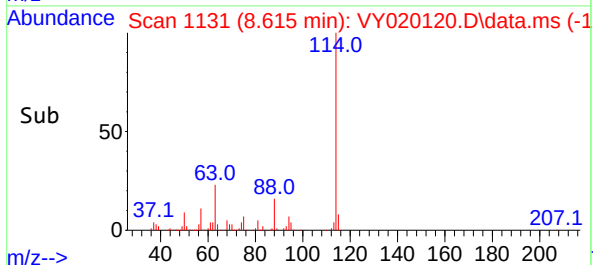
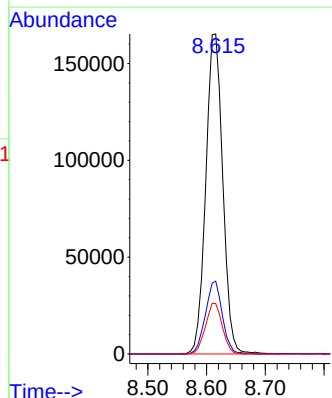
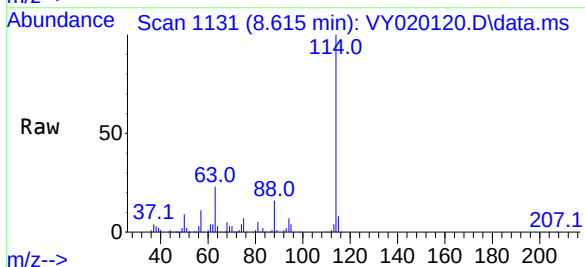
Tgt Ion:114 Resp: 331948

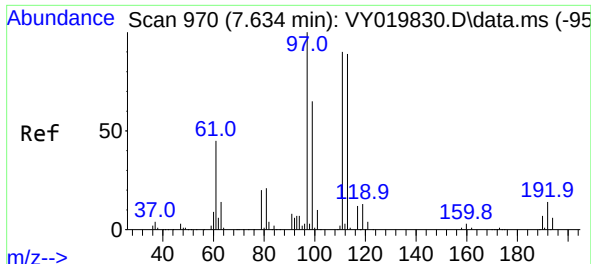
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

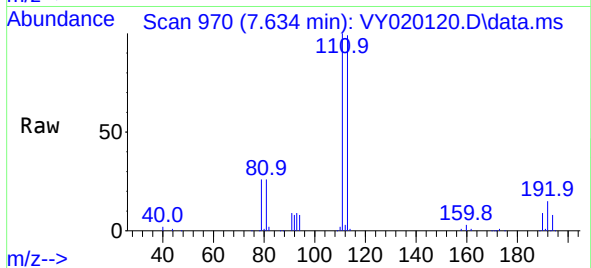
88 15.8 0.0 27.2



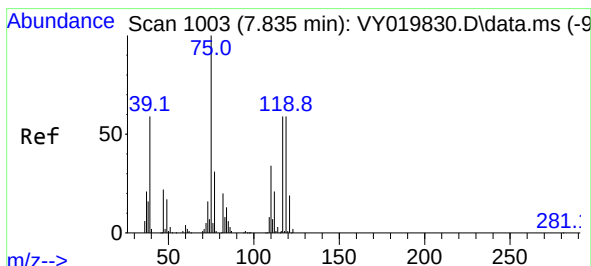
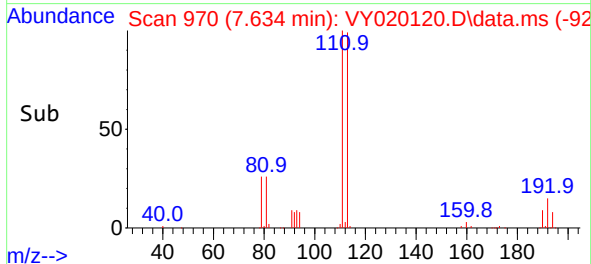
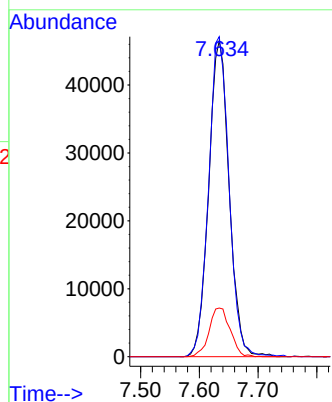


#35
Dibromofluoromethane
Concen: 53.241 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

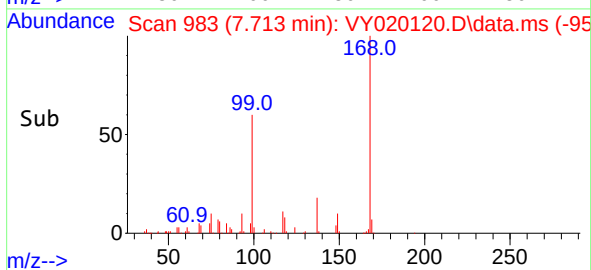
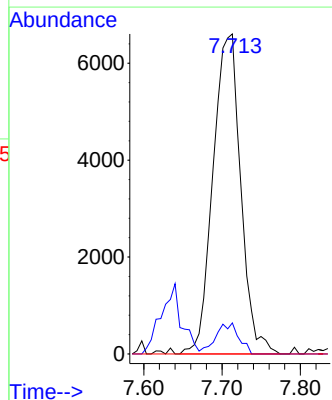
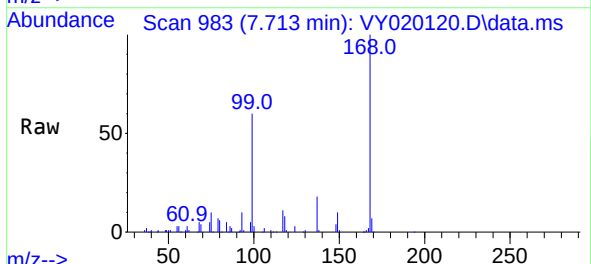


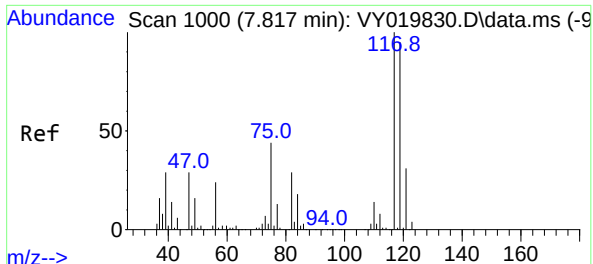
Tgt Ion:113 Resp: 112365
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 15.8 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

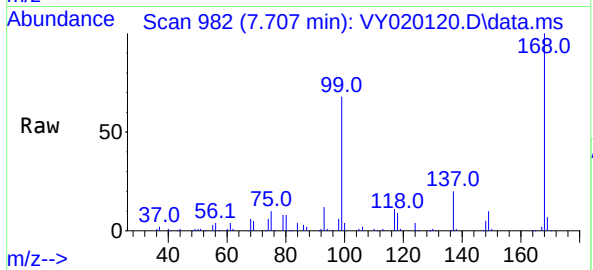
Tgt Ion: 75 Resp: 16261
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#



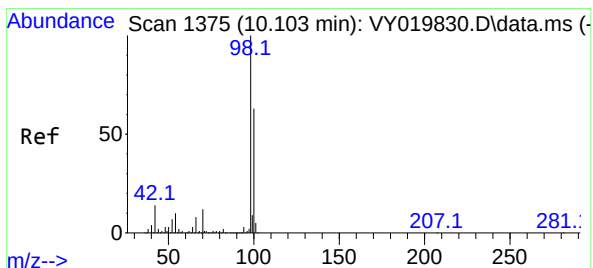
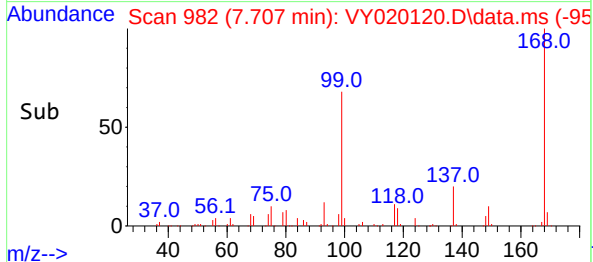
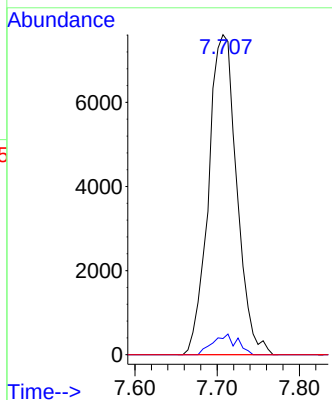


#38
Carbon Tetrachloride
Concen: 5.536 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

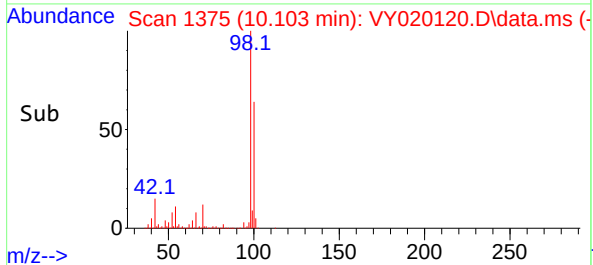
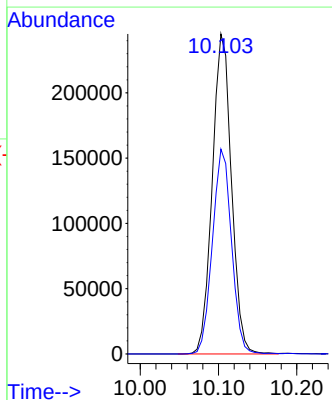
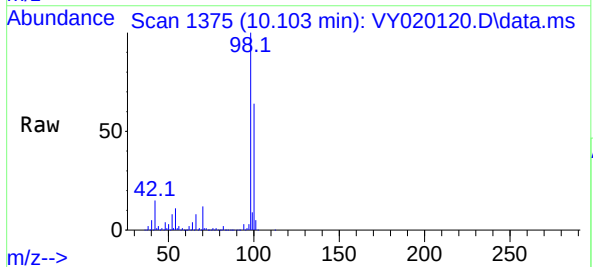


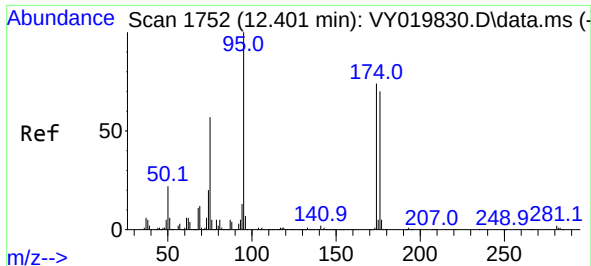
Tgt Ion:117 Resp: 18149
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.620 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Tgt Ion: 98 Resp: 416853
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

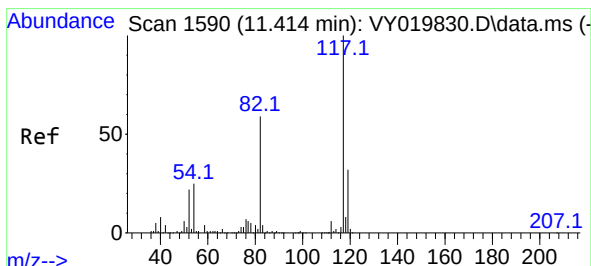
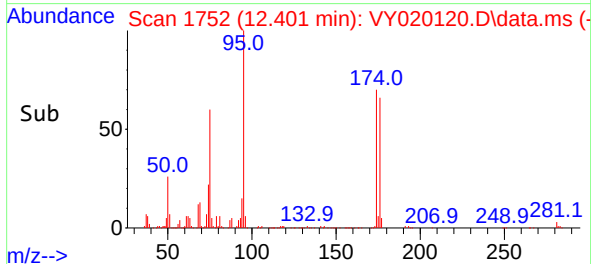
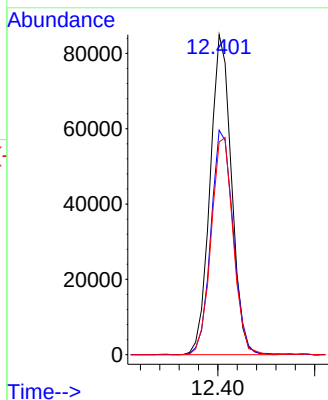
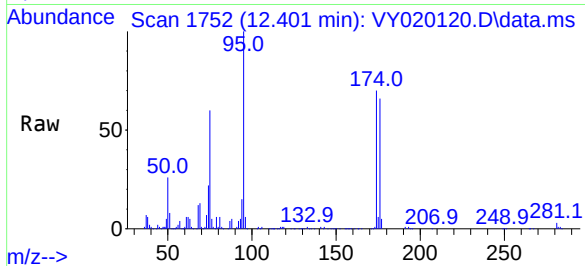




#62
4-Bromofluorobenzene
Concen: 47.707 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

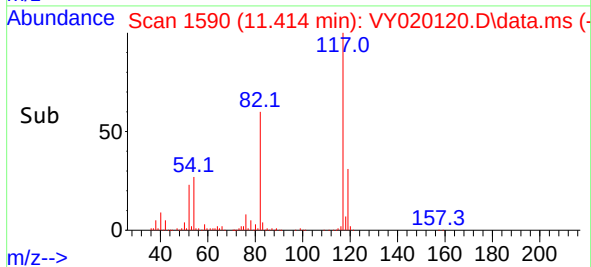
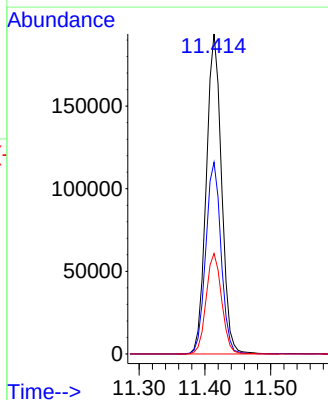
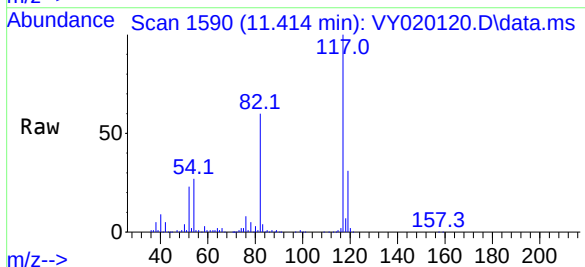
Instrument :
MSVOA_Y
ClientSampleId :

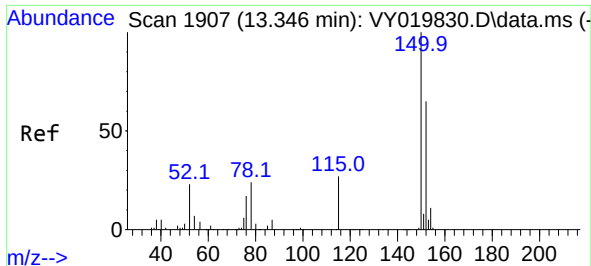
Tgt Ion: 95 Resp: 130179
Ion Ratio Lower Upper
95 100
174 73.3 0.0 175.6
176 70.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

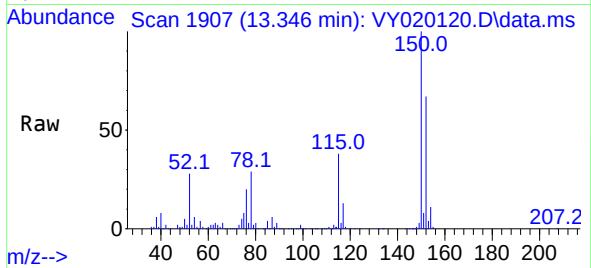
Tgt Ion: 117 Resp: 312839
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.4 25.9 38.9



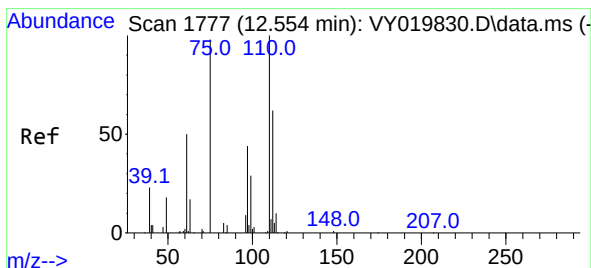
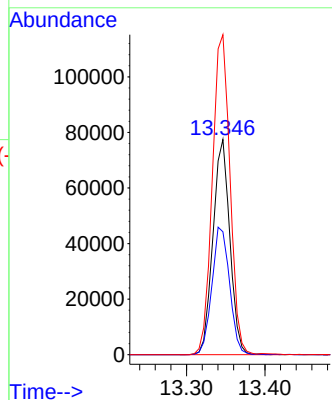
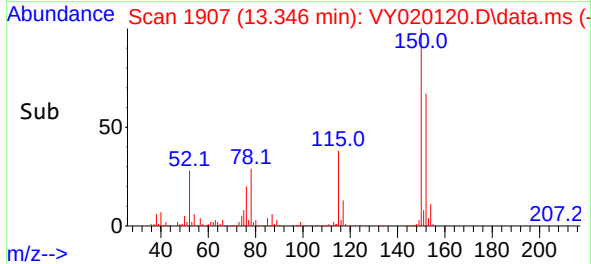


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :

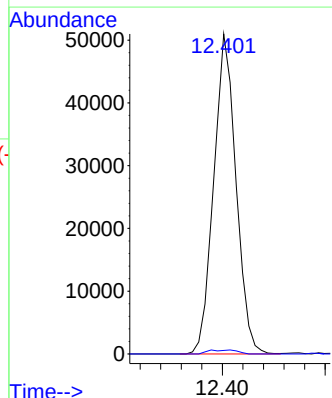
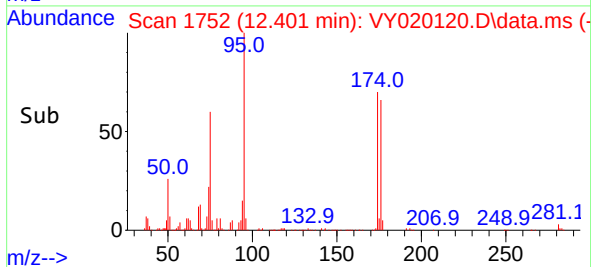
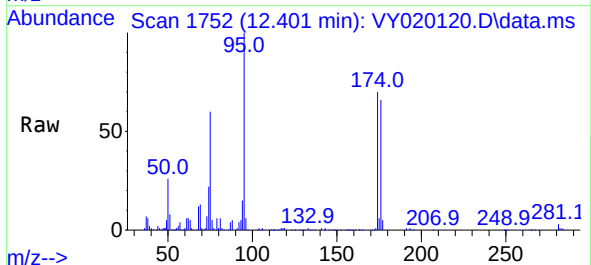


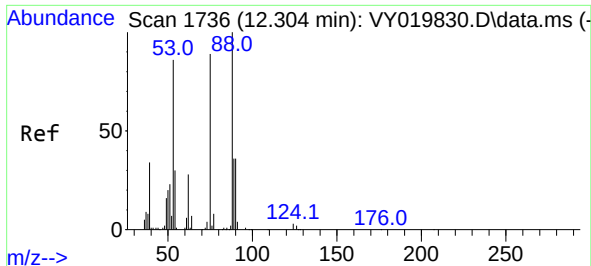
Tgt Ion:152 Resp: 115830
Ion Ratio Lower Upper
152 100
115 62.1 28.2 84.7
150 155.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 70.507 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

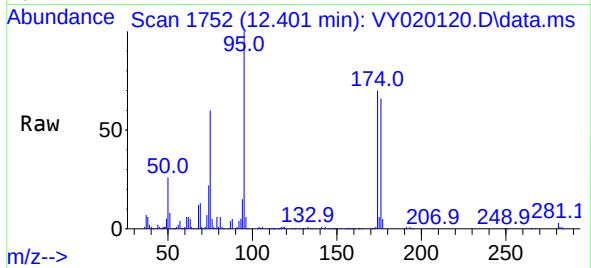
Tgt Ion: 75 Resp: 76555
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 151.657 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020120.D
Acq: 01 Nov 2024 15:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 76555
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

