

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020189.D
 Acq On : 06 Nov 2024 18:13
 Operator : SY/MD
 Sample : P4707-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:30:29 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)

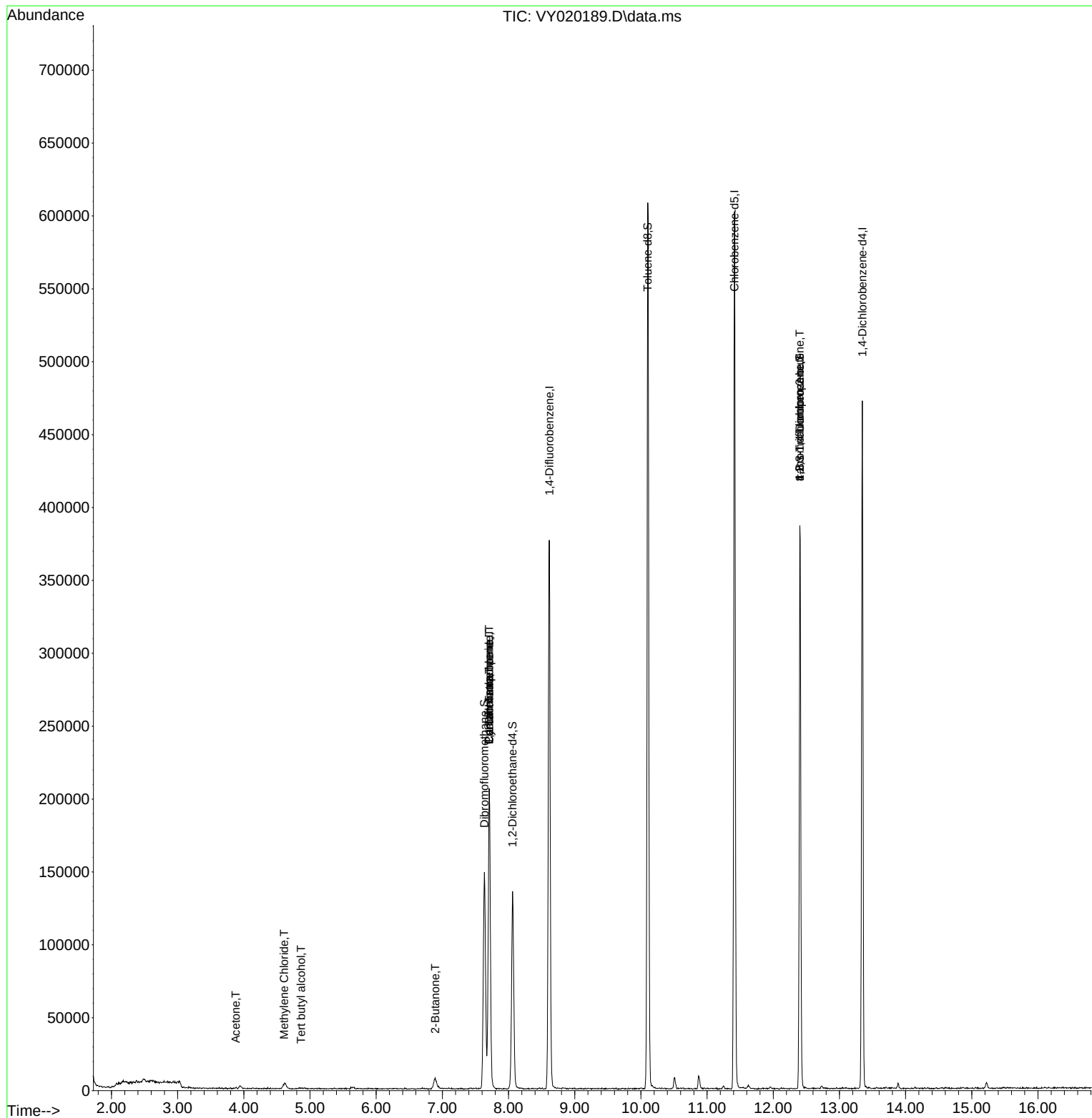
Internal Standards						
1) Pentafluorobenzene	7.707	168	137706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	297134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	101350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101226	58.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.800%	
35) Dibromofluoromethane	7.634	113	101344	53.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.103	98	381210	50.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.402	95	113093	46.302	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	587	4.748	ug/l	# 88
16) Acetone	3.879	43	611	1.529	ug/l	# 36
20) Methylene Chloride	4.610	84	2980	1.660	ug/l	# 93
25) 2-Butanone	6.890	43	545	1.006	ug/l	# 41
31) Cyclohexane	7.707	56	4526	1.451	ug/l	# 59
36) 1,1-Dichloropropene	7.707	75	14502	4.969	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	16068	5.475	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	66936	70.455	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	66936	151.547	ug/l	# 16

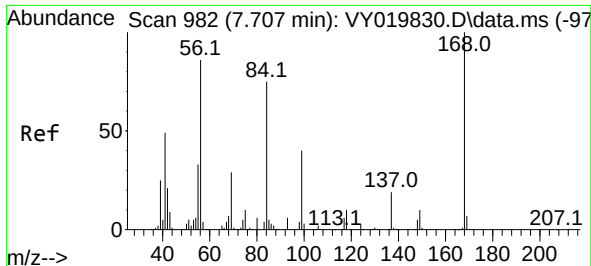
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 00:30:29 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

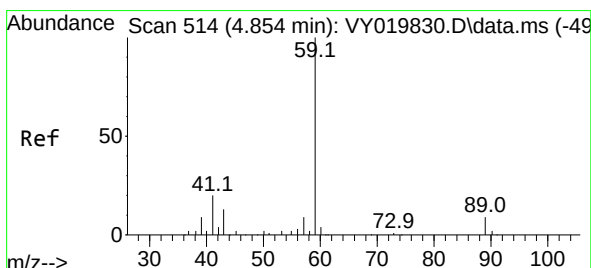
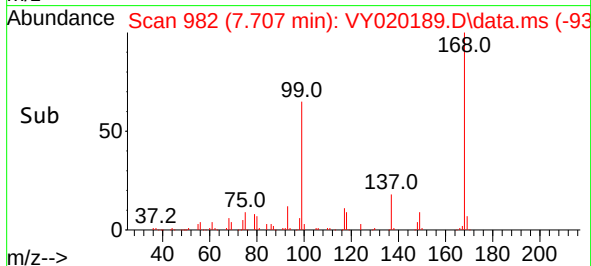
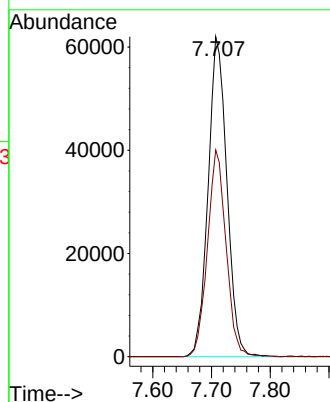
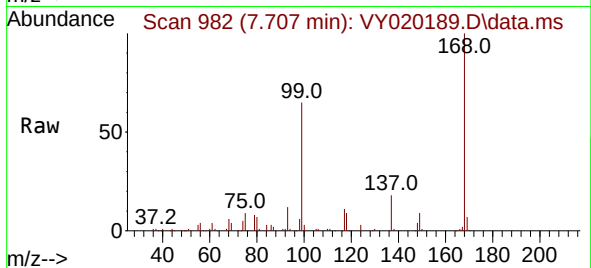




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

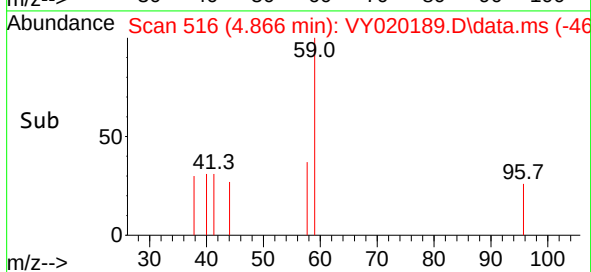
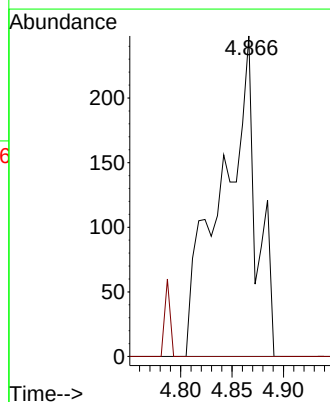
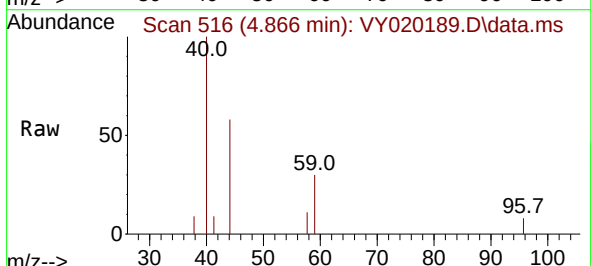
Instrument :
MSVOA_Y
ClientSampleId :

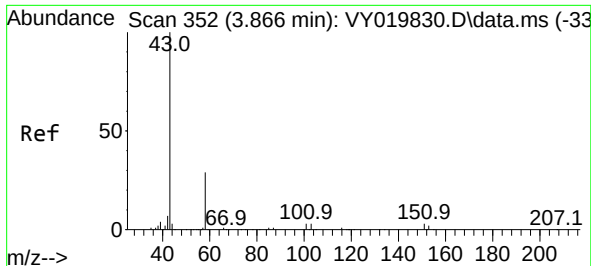
Tgt Ion:168 Resp: 137706
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.748 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

Tgt Ion: 59 Resp: 587
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

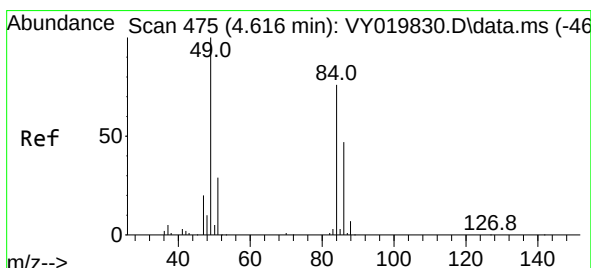
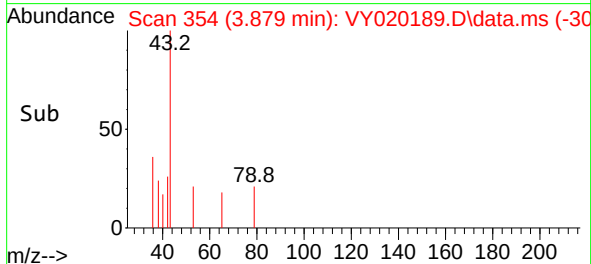
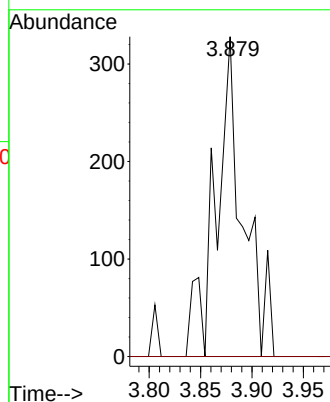
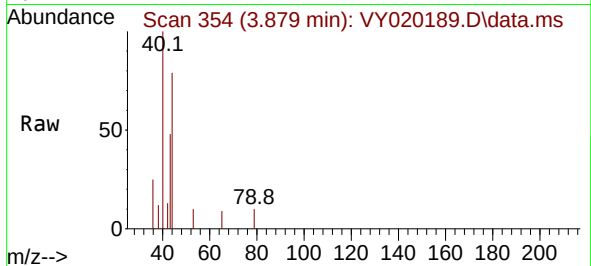




#16
Acetone
Concen: 1.529 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

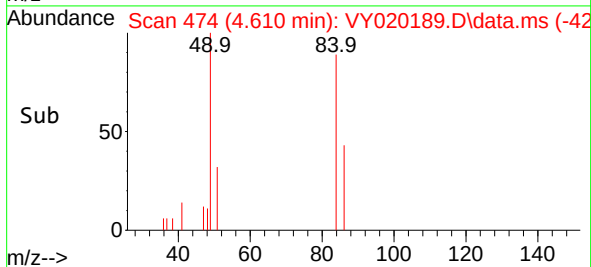
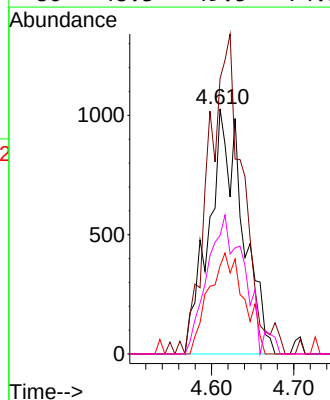
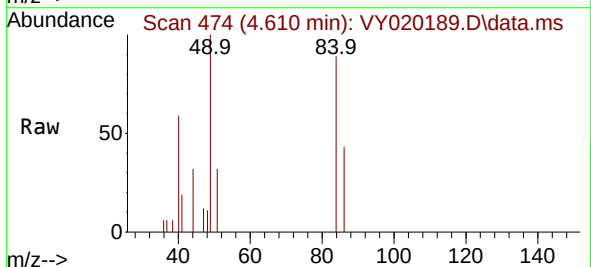
Instrument :
MSVOA_Y
ClientSampleId :

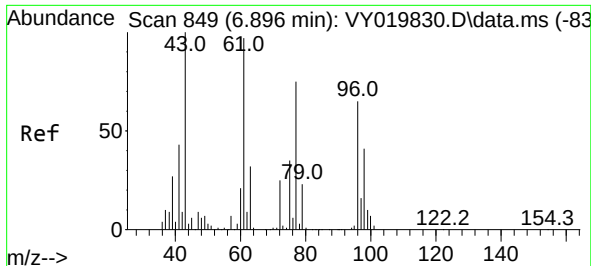
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.660 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

Tgt Ion: 84 Resp: 2980
Ion Ratio Lower Upper
84 100
49 107.1 84.4 126.6
51 35.8 26.0 39.0
86 48.3 49.5 74.3#

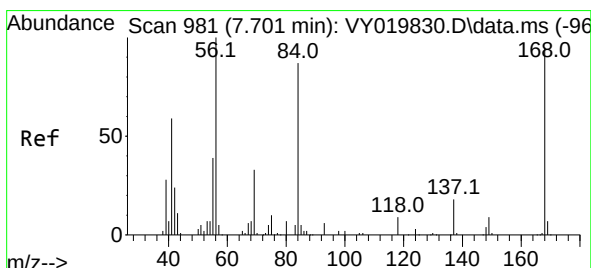
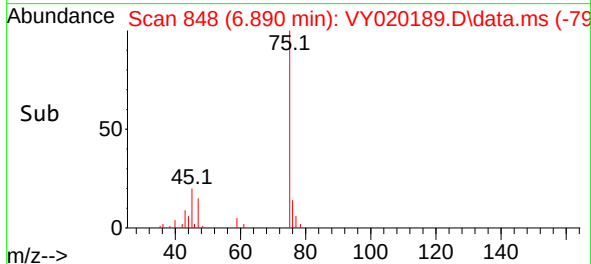
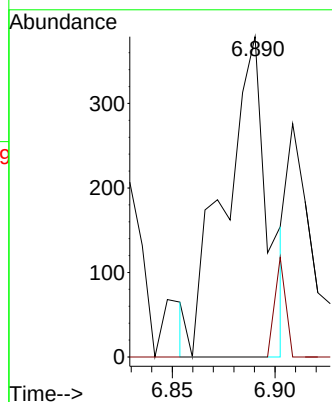
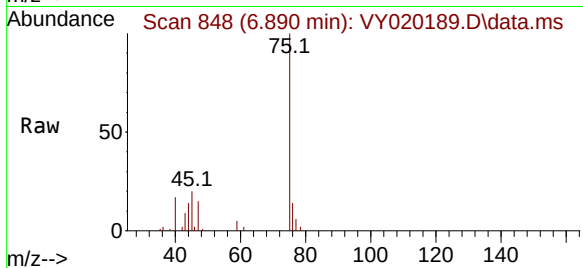




#25
2-Butanone
Concen: 1.006 ug/l
RT: 6.890 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

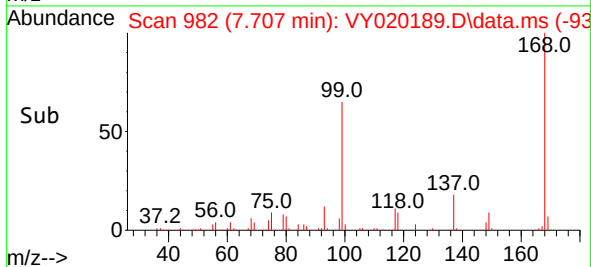
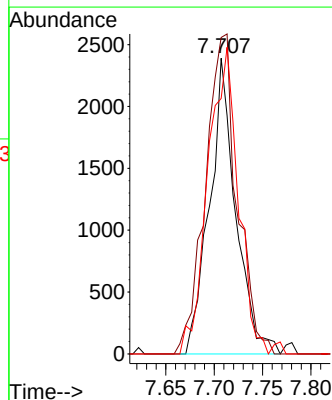
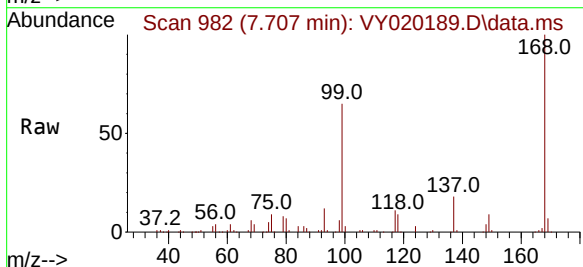
Instrument :
MSVOA_Y
ClientSampleId :

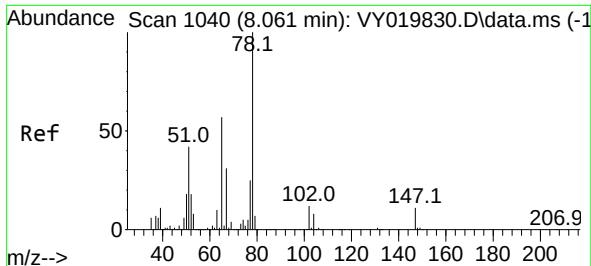
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.451 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

Tgt Ion: 56 Resp: 4526
Ion Ratio Lower Upper
56 100
69 107.0 28.7 43.1#
84 86.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.898 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020189.D

Acq: 06 Nov 2024 18:13

Instrument :

MSVOA_Y

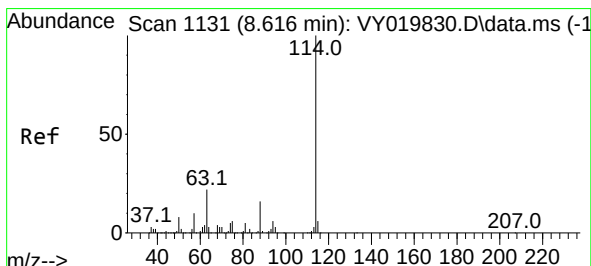
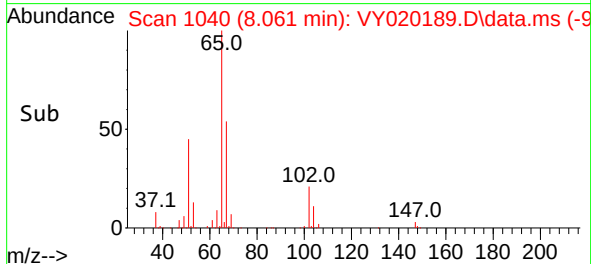
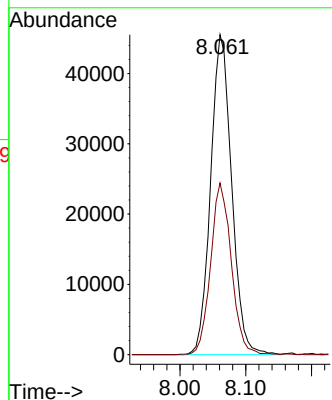
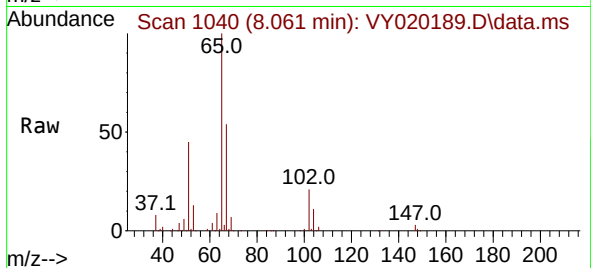
ClientSampleId :

Tgt Ion: 65 Resp: 101226

Ion Ratio Lower Upper

65 100

67 52.8 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: VY020189.D

Acq: 06 Nov 2024 18:13

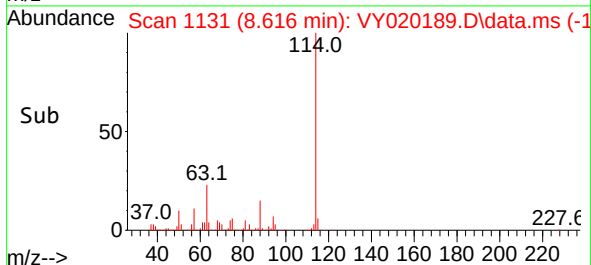
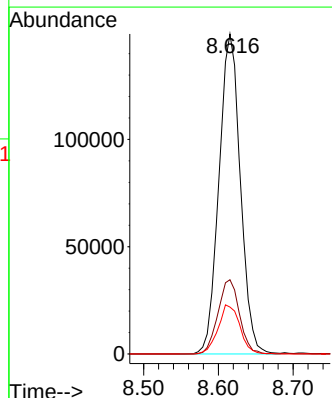
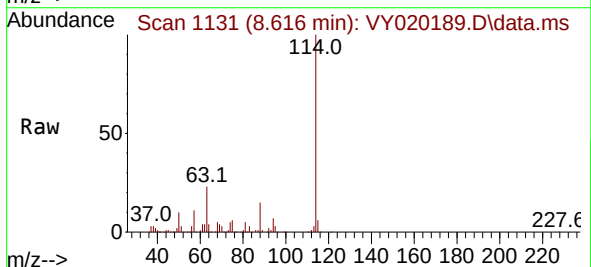
Tgt Ion: 114 Resp: 297134

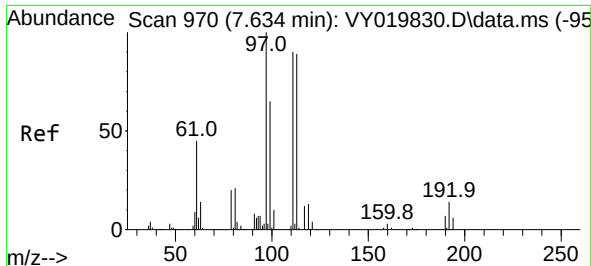
Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

88 14.7 0.0 27.2

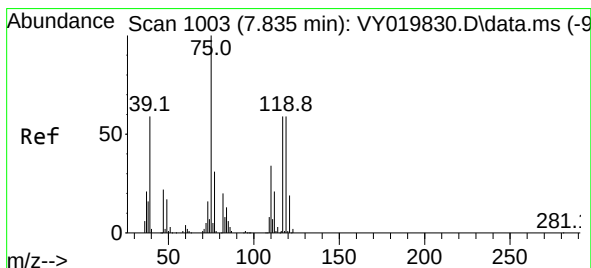
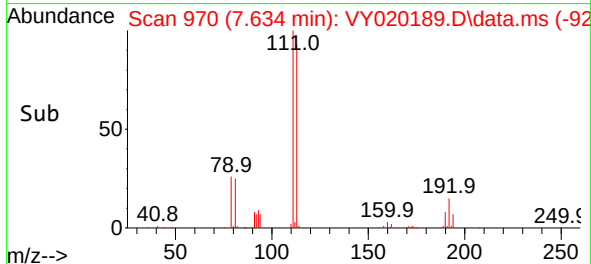
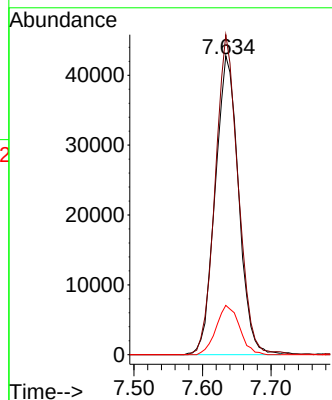
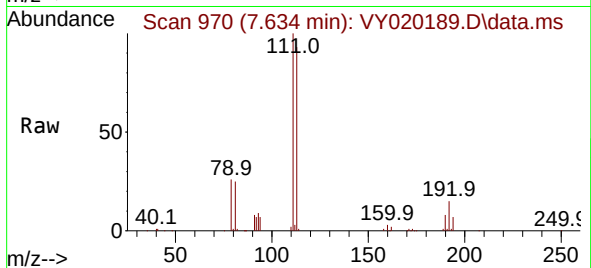




#35
Dibromofluoromethane
Concen: 53.645 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

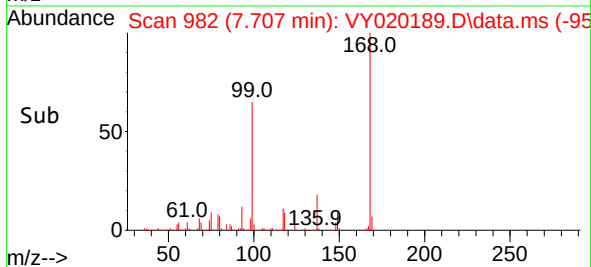
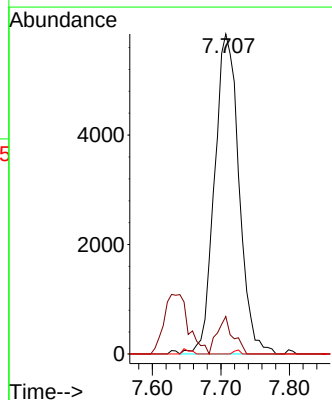
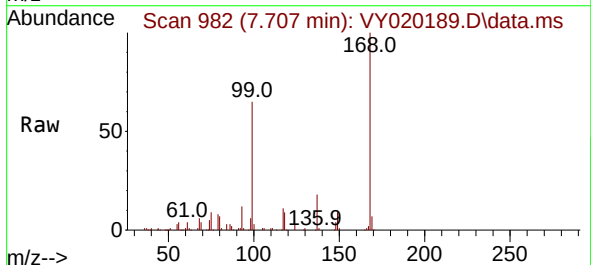
Instrument :
MSVOA_Y
ClientSampleId :

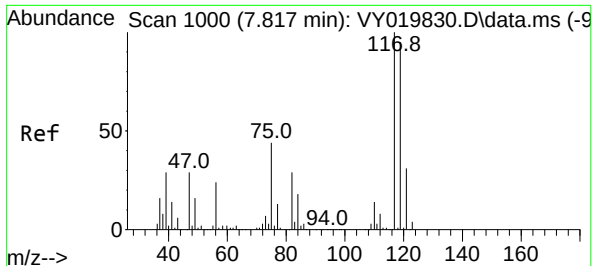
Tgt Ion:113 Resp: 101344
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

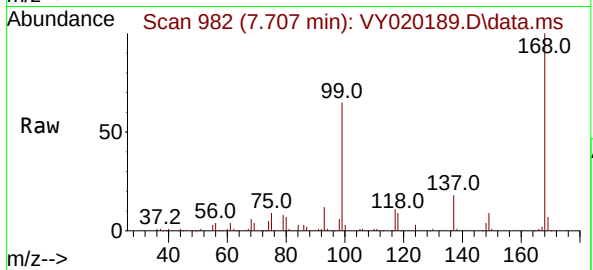
Tgt Ion: 75 Resp: 14502
Ion Ratio Lower Upper
75 100
110 7.5 19.0 57.0#
77 0.3 25.3 37.9#



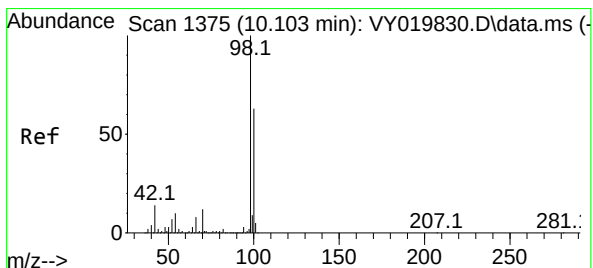
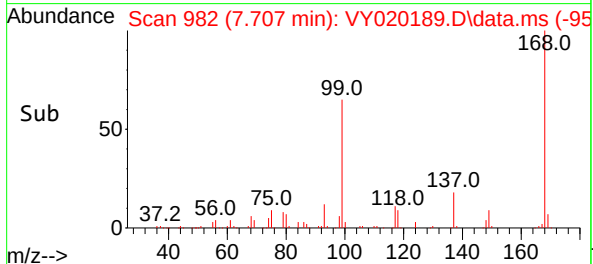
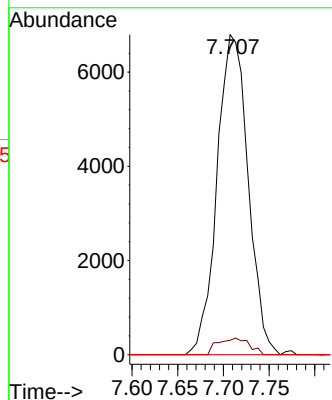


#38
Carbon Tetrachloride
Concen: 5.475 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

Instrument :
MSVOA_Y
ClientSampleId :

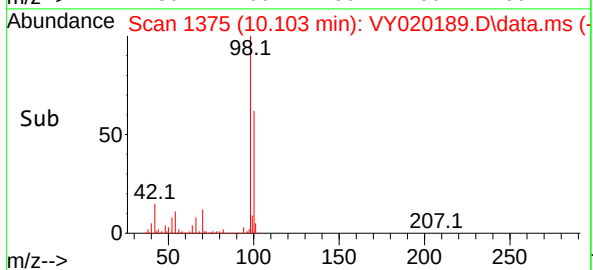
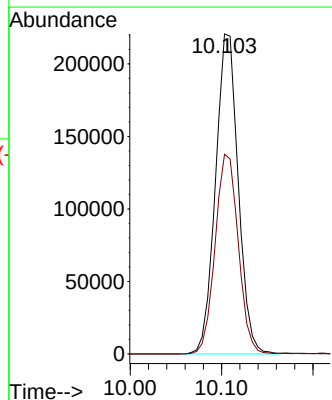
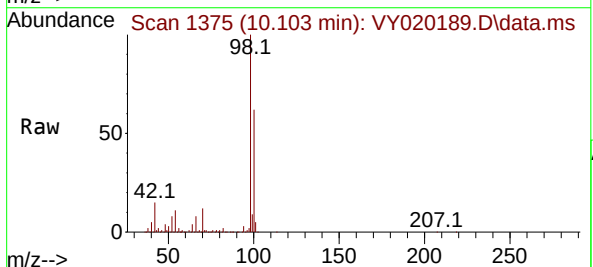


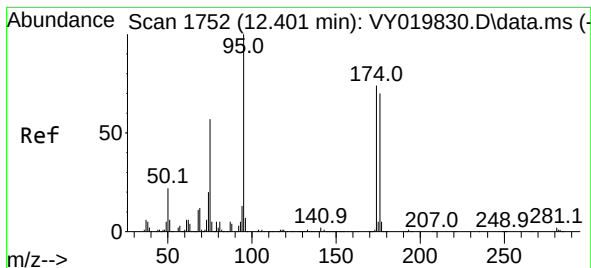
Tgt Ion:117 Resp: 16068
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

Tgt Ion: 98 Resp: 381210
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

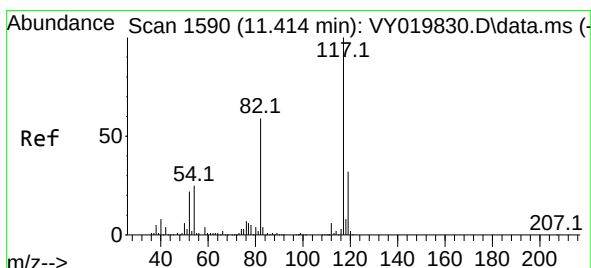
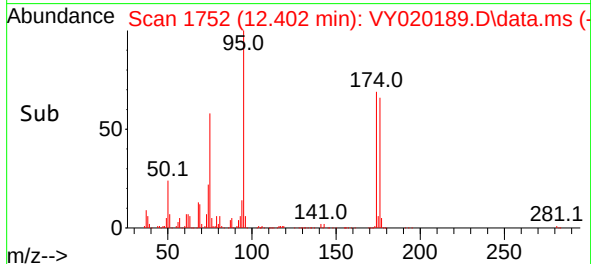
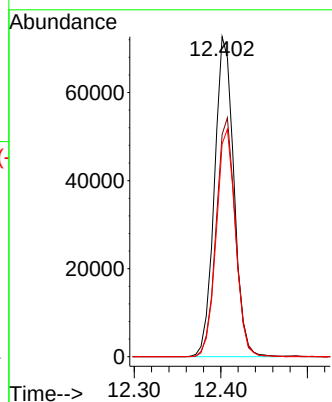
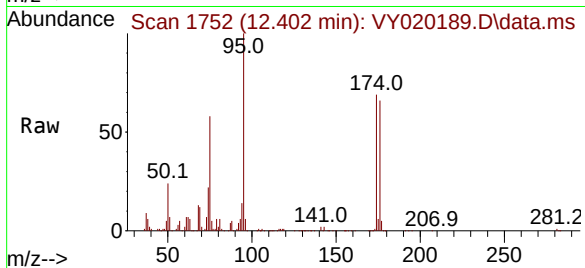




#62
4-Bromofluorobenzene
Concen: 46.302 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

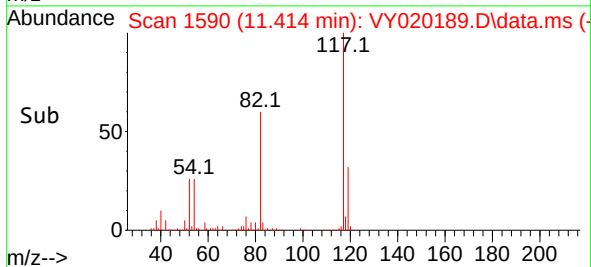
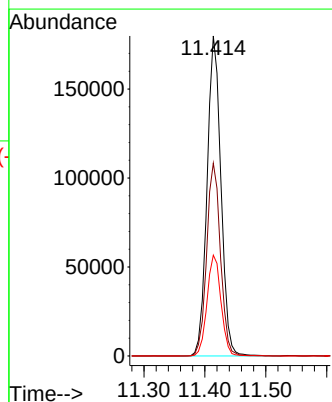
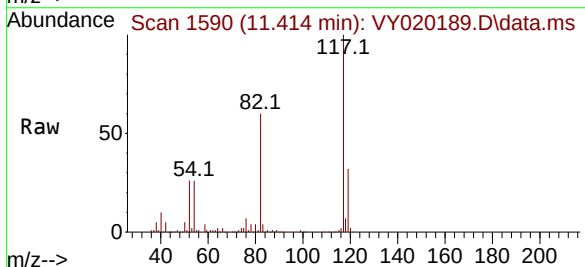
Instrument :
MSVOA_Y
ClientSampleId :

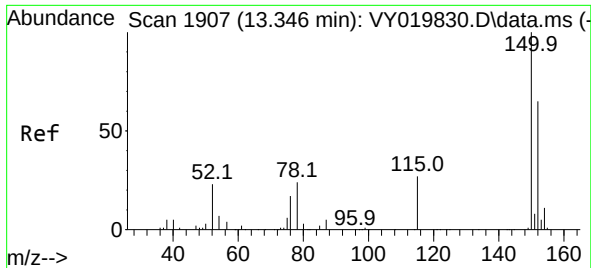
Tgt Ion: 95 Resp: 113093
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 70.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

Tgt Ion: 117 Resp: 284965
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.5 25.9 38.9

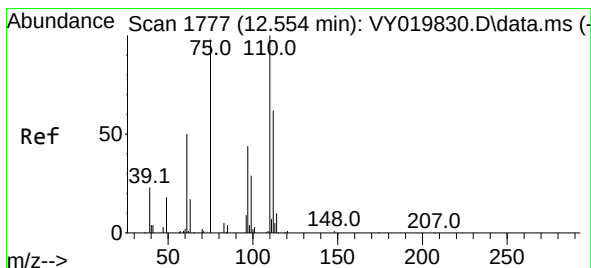
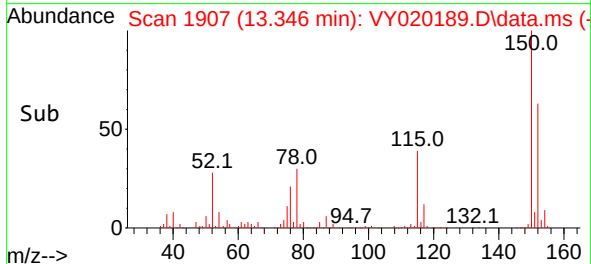
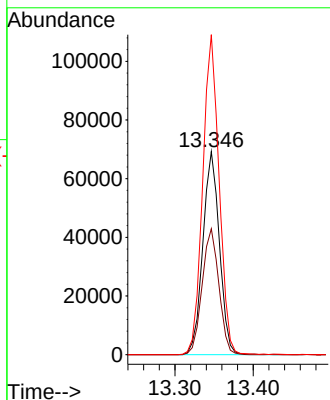
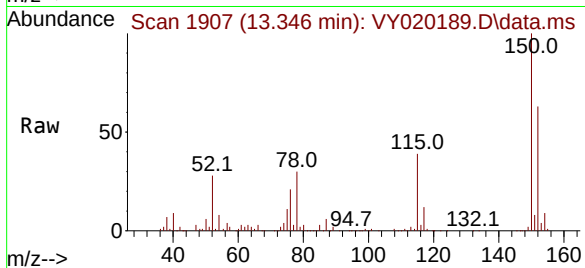




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

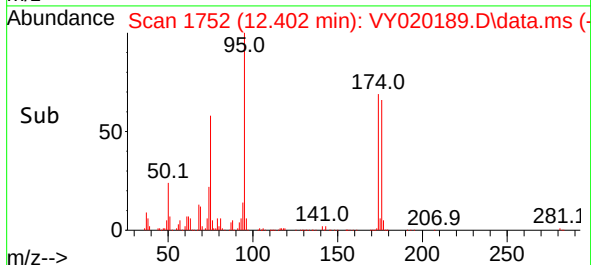
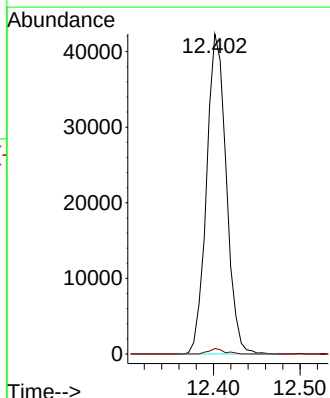
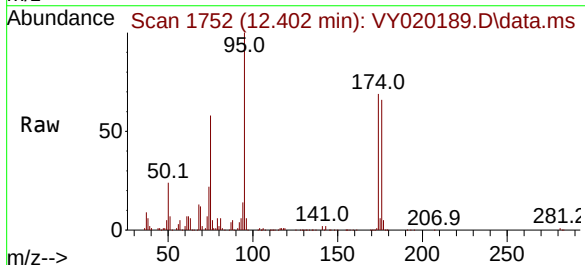
Instrument :
MSVOA_Y
ClientSampleId :

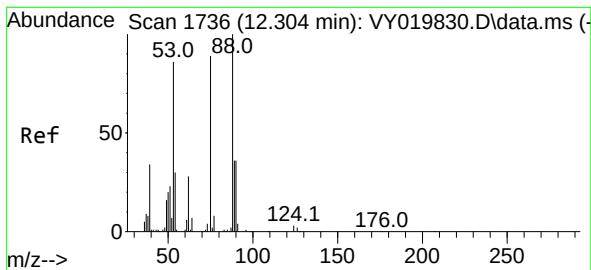
Tgt Ion:152 Resp: 101350
Ion Ratio Lower Upper
152 100
115 62.7 28.2 84.7
150 156.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 70.455 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020189.D
Acq: 06 Nov 2024 18:13

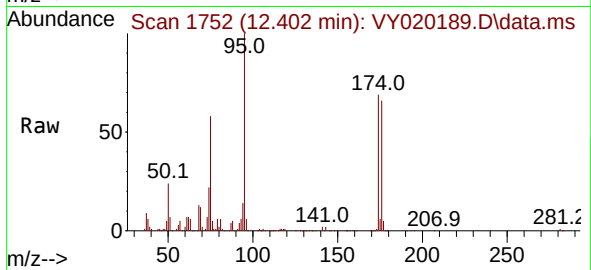
Tgt Ion: 75 Resp: 66936
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.547 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020189.D
 Acq: 06 Nov 2024 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75	Resp: 66936
Ion Ratio	Lower Upper
75	100
53	0.0 66.8 100.2#
89	0.2 35.8 53.6#

