

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020146.D
 Acq On : 04 Nov 2024 16:33
 Operator : SY/MD
 Sample : P4675-04
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:34:26 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)

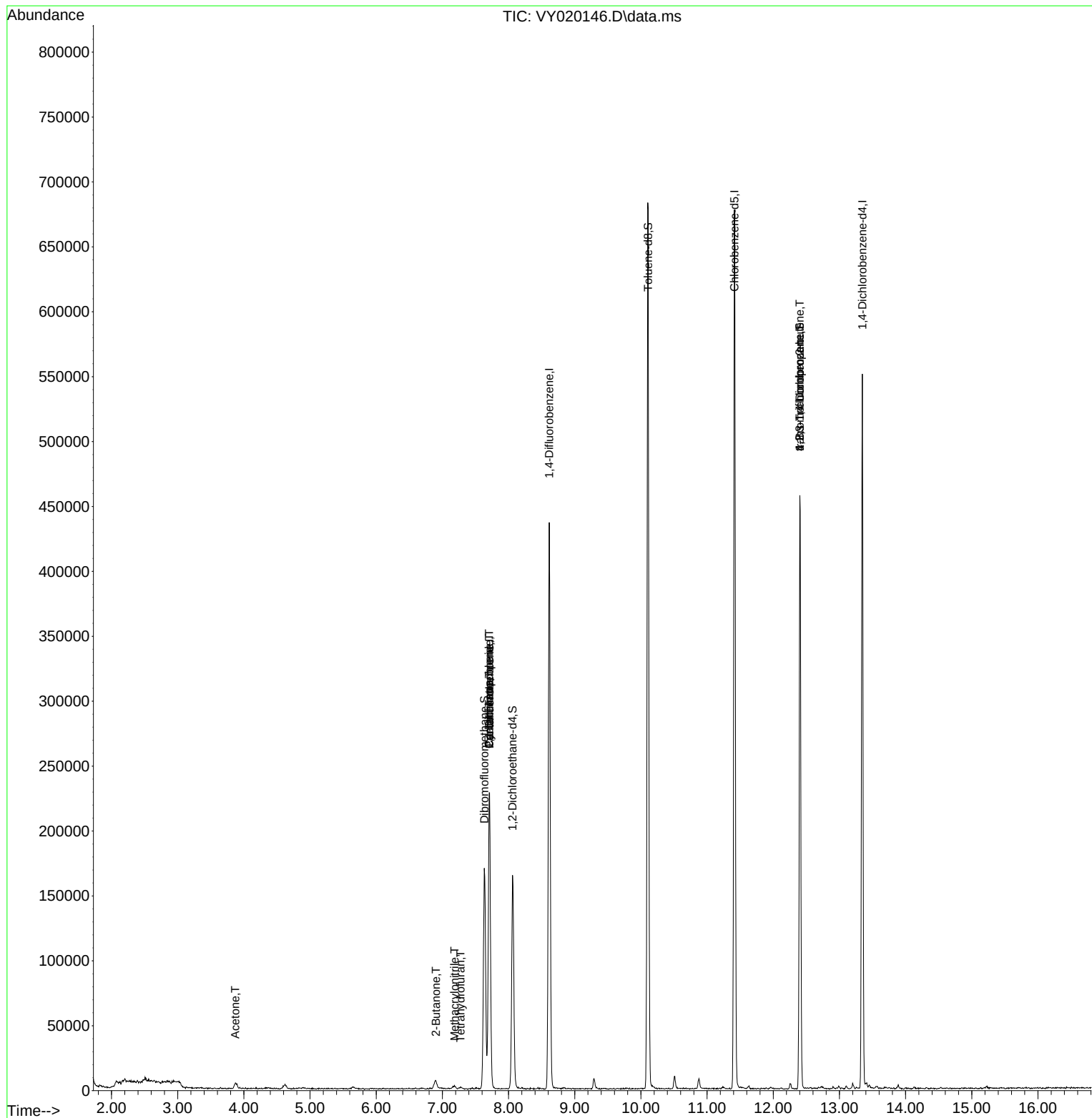
Internal Standards						
1) Pentafluorobenzene	7.713	168	157420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	338266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126309	64.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.580%	
35) Dibromofluoromethane	7.634	113	116867	54.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.109	98	427385	49.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.401	95	134761	48.464	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	8045	17.608	ug/l	# 72
25) 2-Butanone	6.902	43	1987	3.208	ug/l	# 69
29) Tetrahydrofuran	7.274	42	772	2.160	ug/l	# 84
31) Cyclohexane	7.707	56	4817	1.351	ug/l	# 1
36) 1,1-Dichloropropene	7.707	75	16327	4.914	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	18485	5.533	ug/l	# 15
41) Methacrylonitrile	7.183	41	1627	2.050	ug/l	# 40
76) 1,2,3-Trichloropropane	12.401	75	79811	70.776	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	79811	152.236	ug/l	# 16

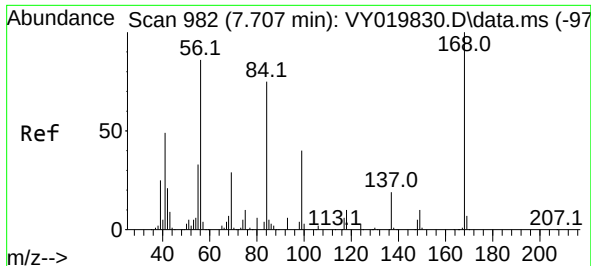
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 00:34:26 2024
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

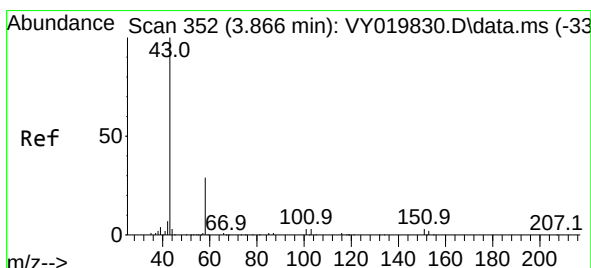
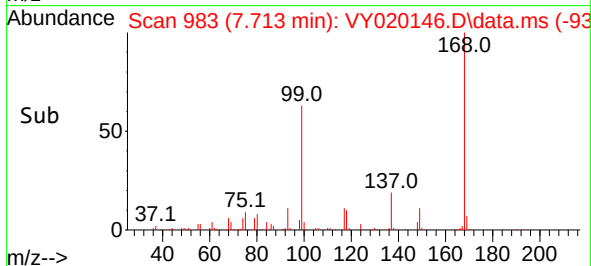
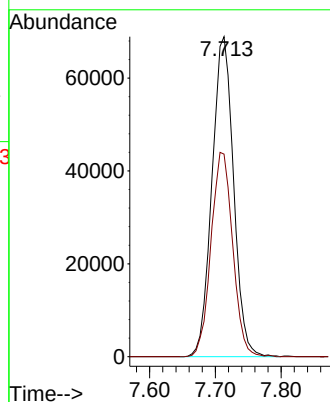
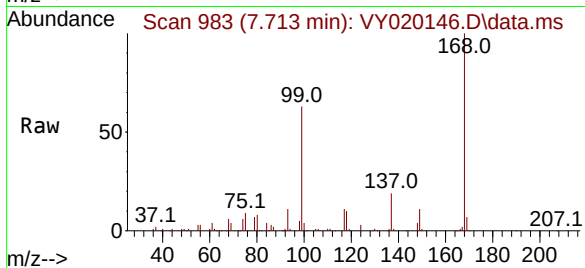




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

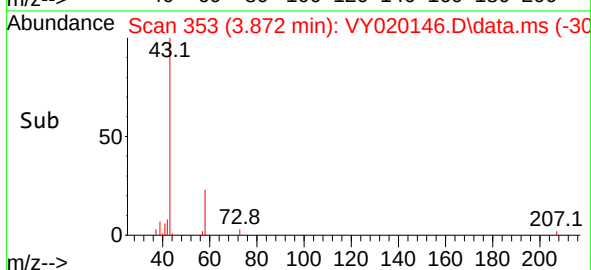
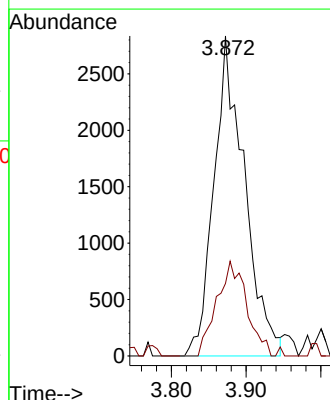
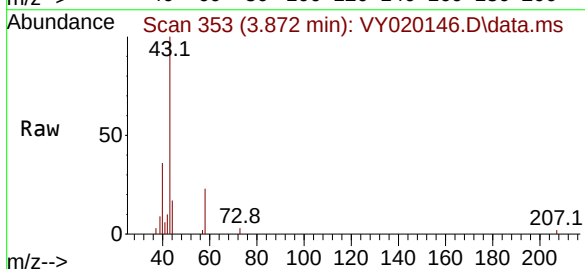
Instrument :
MSVOA_Y
ClientSampleId :

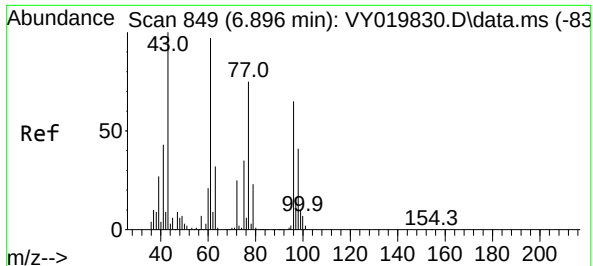
Tgt Ion:168 Resp: 157420
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#16
Acetone
Concen: 17.608 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

Tgt Ion: 43 Resp: 8045
Ion Ratio Lower Upper
43 100
58 22.7 31.7 47.5#

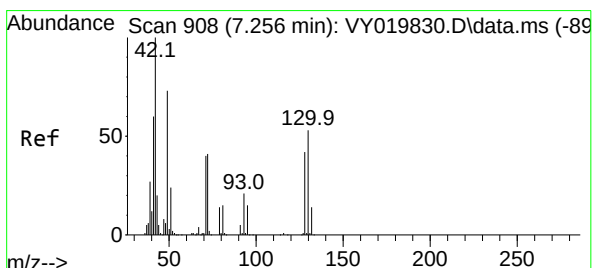
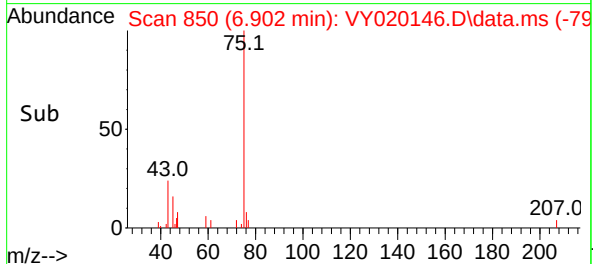
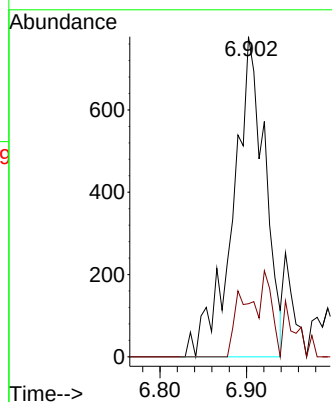
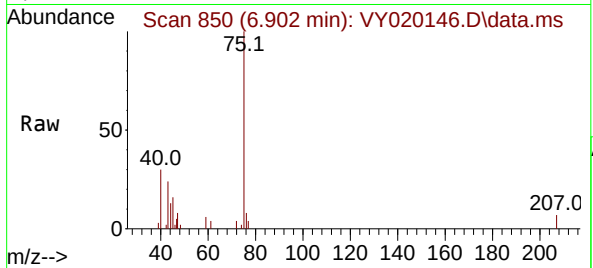




#25
2-Butanone
Concen: 3.208 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

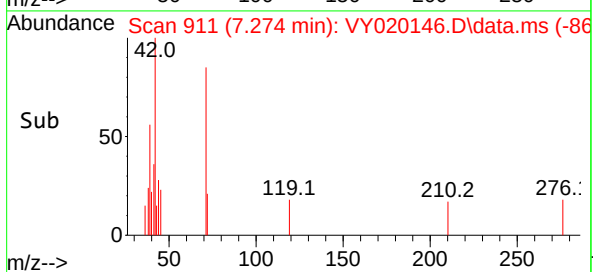
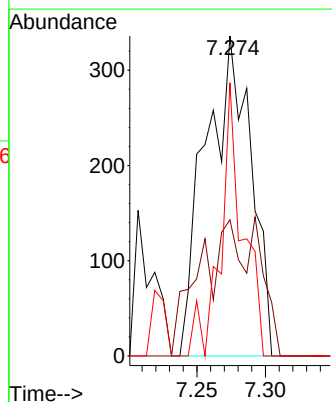
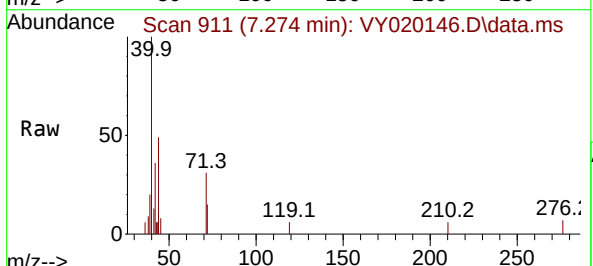
Instrument :
MSVOA_Y
ClientSampleId :

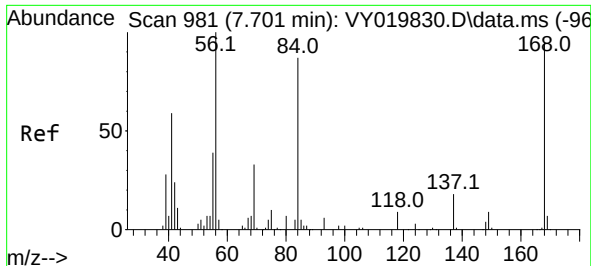
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
72 16.6 27.3 40.9#



#29
Tetrahydrofuran
Concen: 2.160 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

Tgt Ion: 42 Resp: 772
Ion Ratio Lower Upper
42 100
72 40.8 43.0 64.4#
71 41.7 40.8 61.2

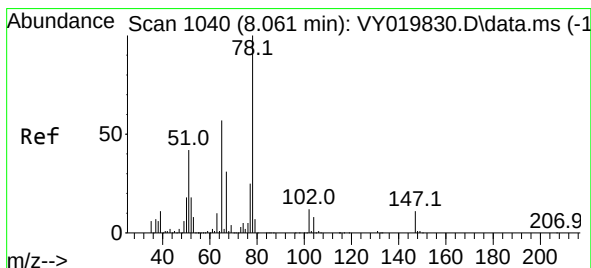
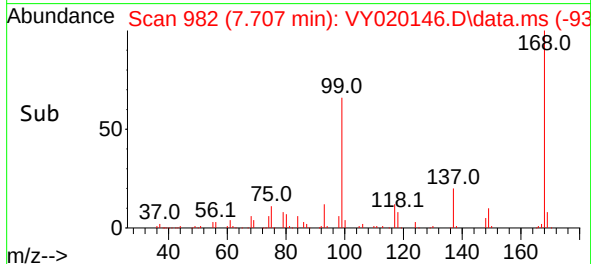
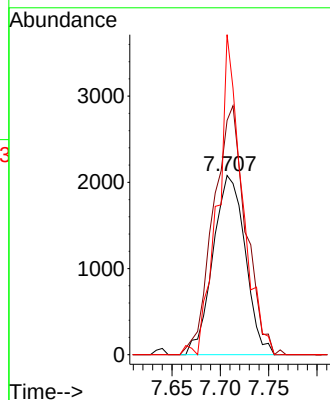
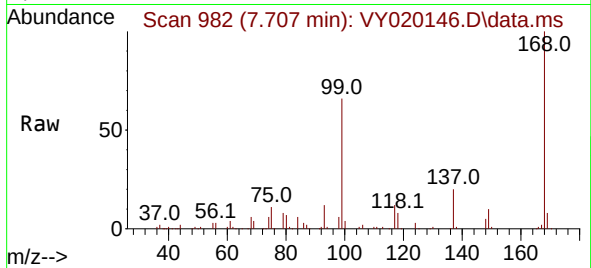




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

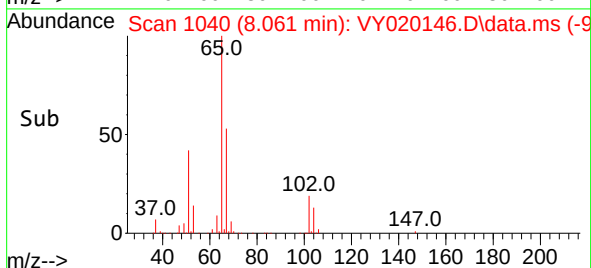
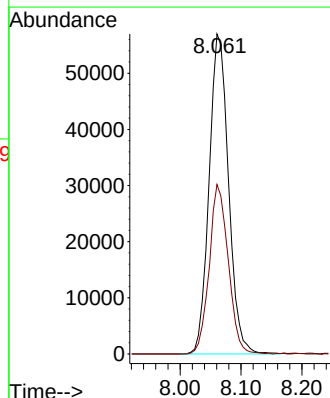
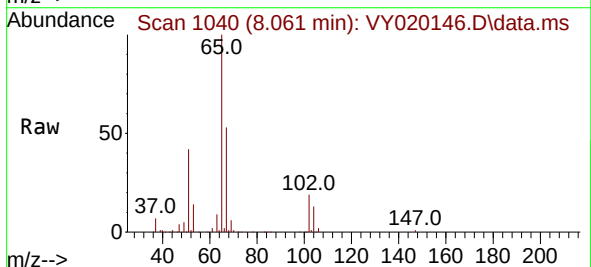
Instrument :
MSVOA_Y
ClientSampleId :

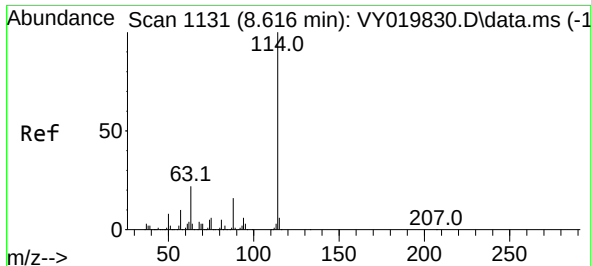
Tgt Ion: 56 Resp: 4817
Ion Ratio Lower Upper
56 100
69 130.7 28.7 43.1#
84 178.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 64.289 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

Tgt Ion: 65 Resp: 126309
Ion Ratio Lower Upper
65 100
67 51.8 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: VY020146.D

Acq: 04 Nov 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

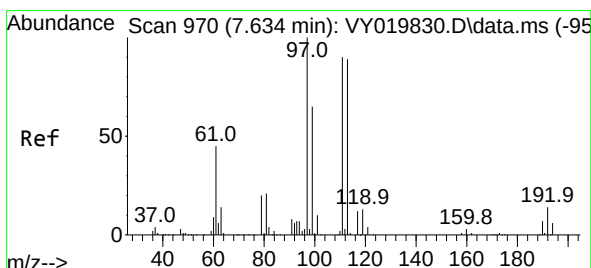
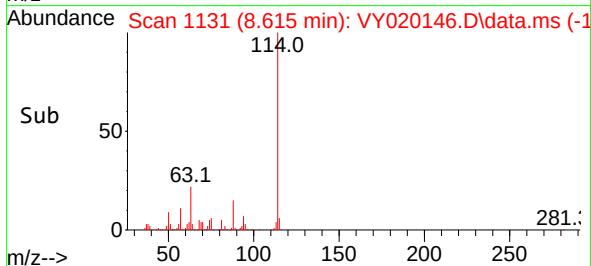
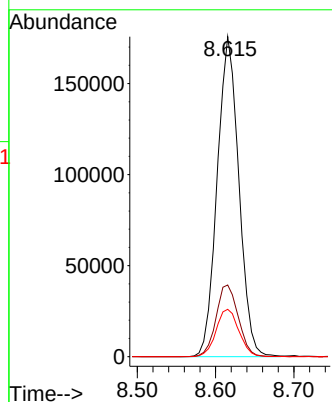
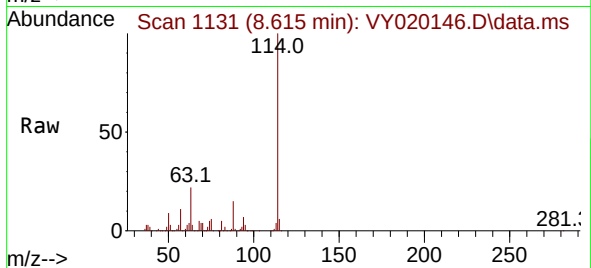
Tgt Ion:114 Resp: 338266

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.340 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020146.D

Acq: 04 Nov 2024 16:33

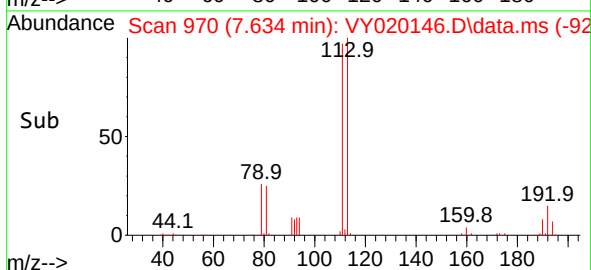
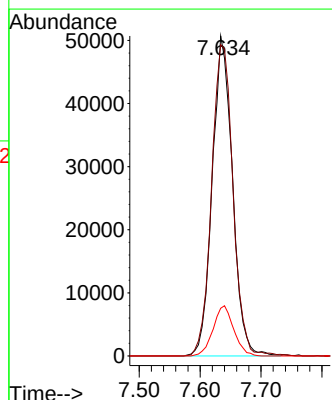
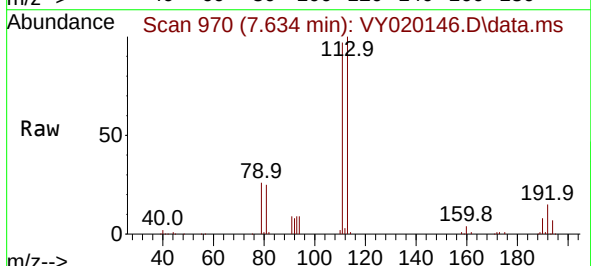
Tgt Ion:113 Resp: 116867

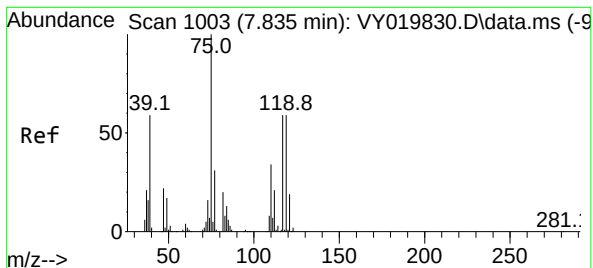
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 16.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.914 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

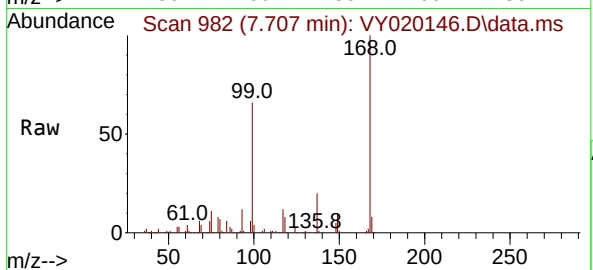
Lab File: VY020146.D

Acq: 04 Nov 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :



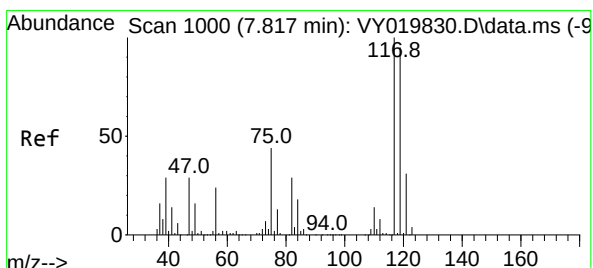
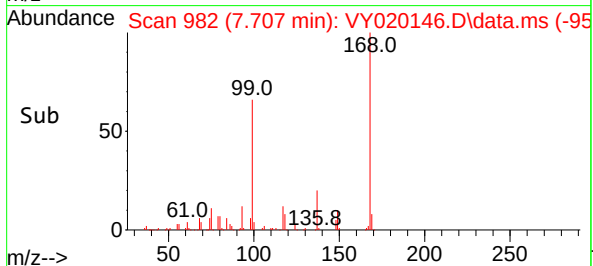
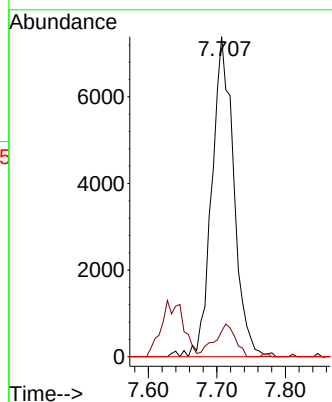
Tgt Ion: 75 Resp: 16327

Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.533 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY020146.D

Acq: 04 Nov 2024 16:33

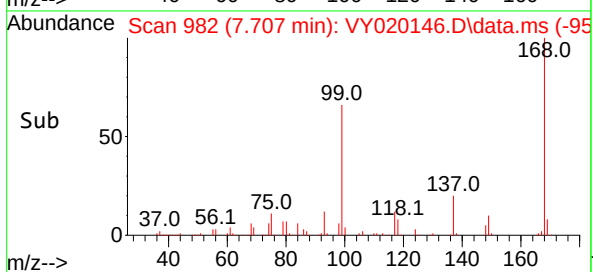
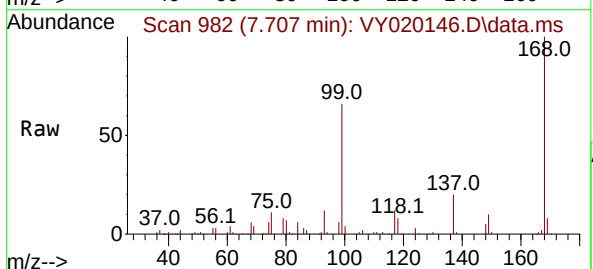
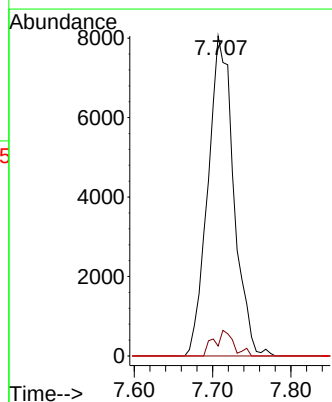
Tgt Ion: 117 Resp: 18485

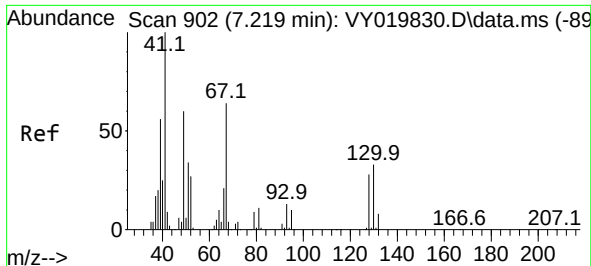
Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.6#

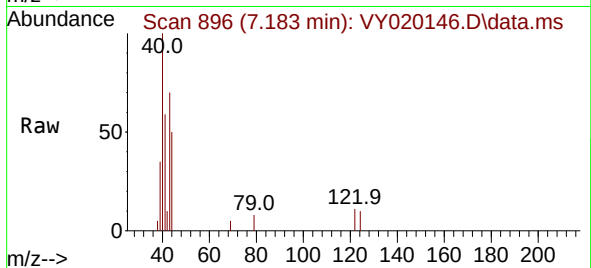
121 0.0 24.0 36.0#



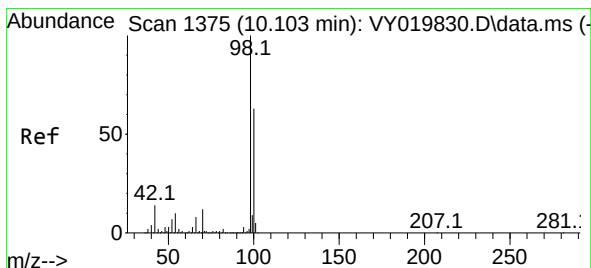
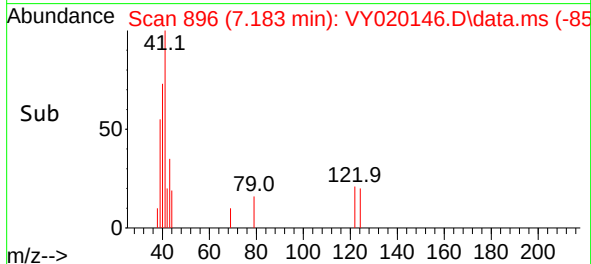
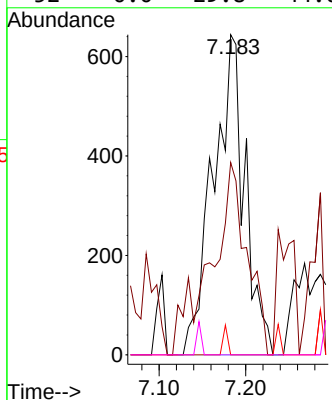


#41
Methacrylonitrile
Concen: 2.050 ug/l
RT: 7.183 min Scan# 896
Delta R.T. -0.036 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

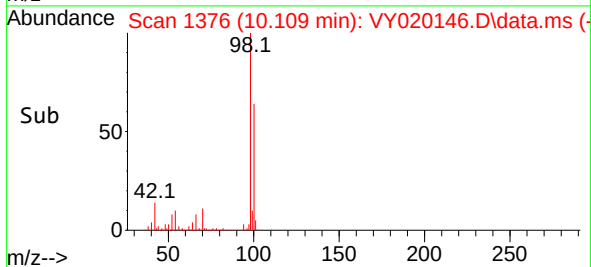
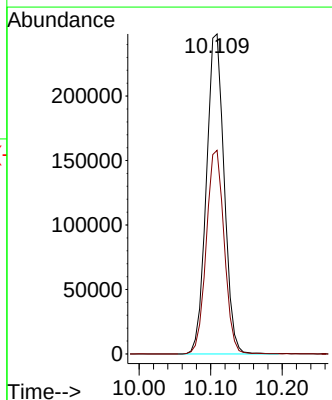
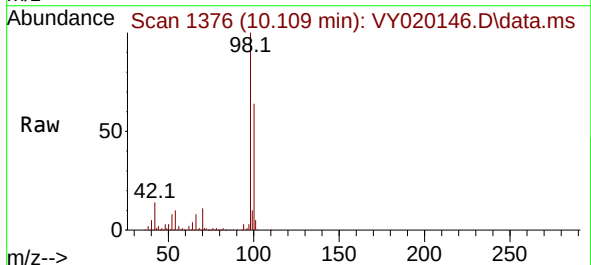


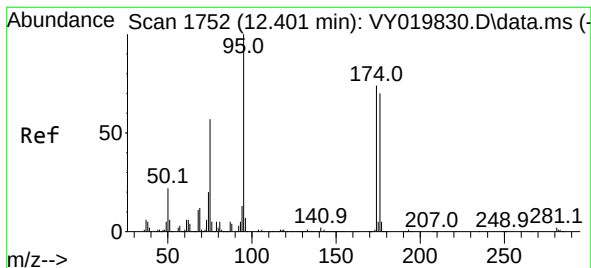
Tgt Ion:	41	Resp:	1627
Ion	Ratio	Lower	Upper
41	100		
39	60.7	48.0	72.0
67	1.4	75.1	112.7#
52	0.0	29.8	44.6#



#50
Toluene-d8
Concen: 49.924 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

Tgt Ion:	98	Resp:	427385
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

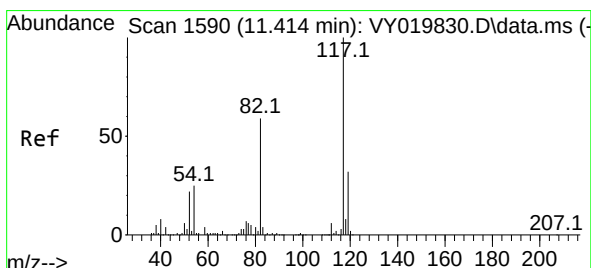
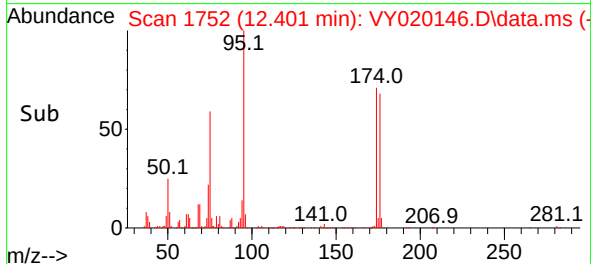
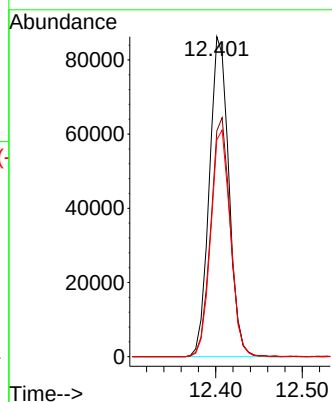
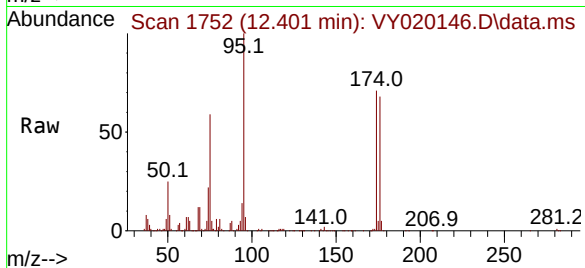




#62
4-Bromofluorobenzene
Concen: 48.464 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

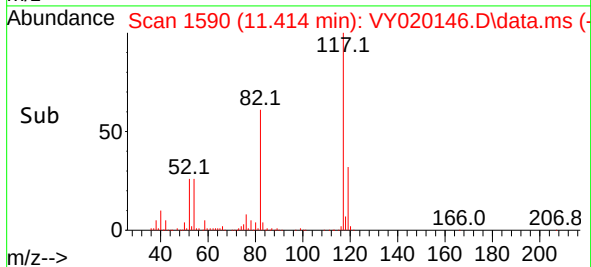
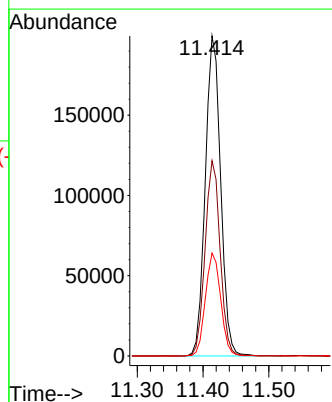
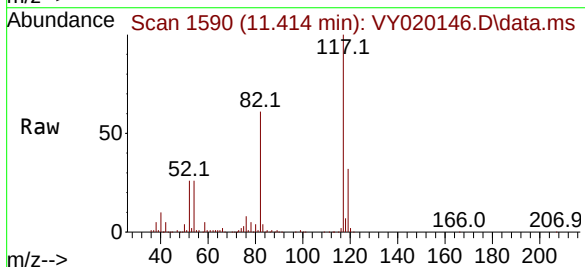
Instrument :
MSVOA_Y
ClientSampleId :

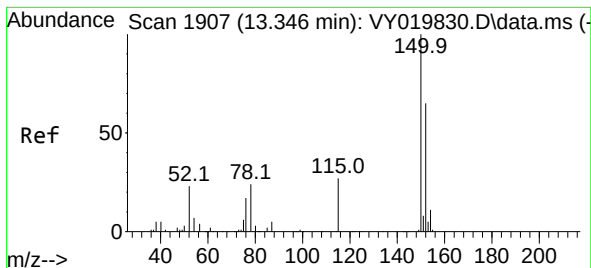
Tgt Ion: 95 Resp: 134761
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 71.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

Tgt Ion: 117 Resp: 324300
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 32.2 25.9 38.9

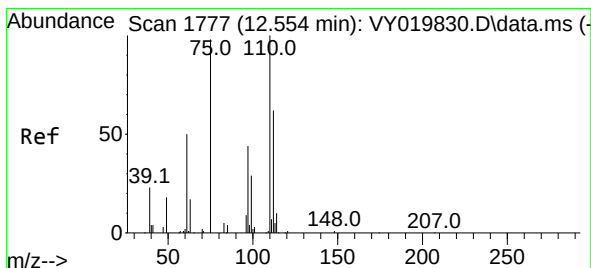
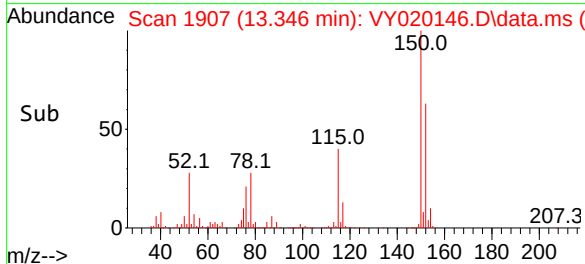
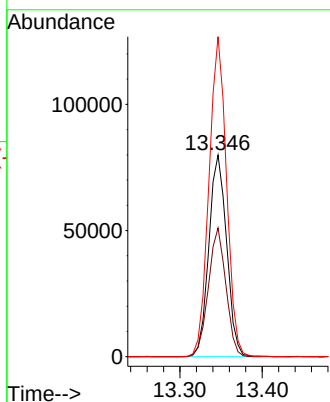
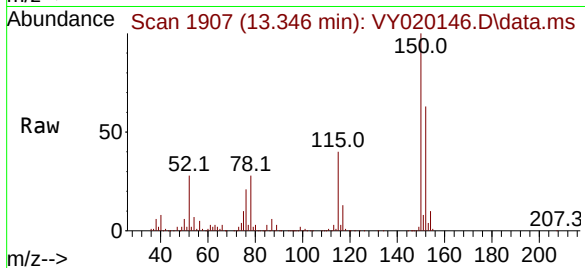




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

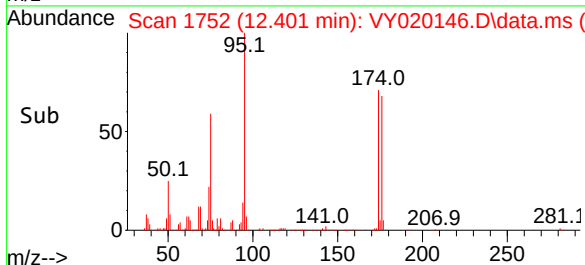
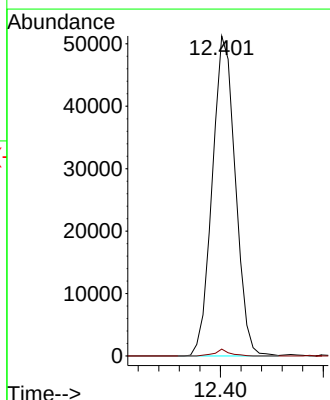
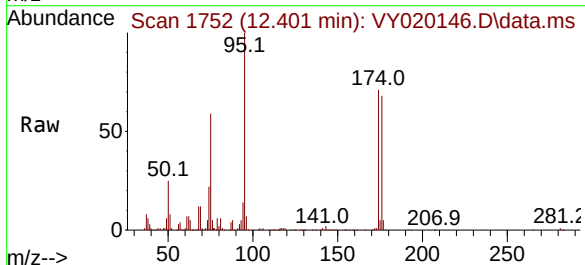
Instrument :
MSVOA_Y
ClientSampleId :

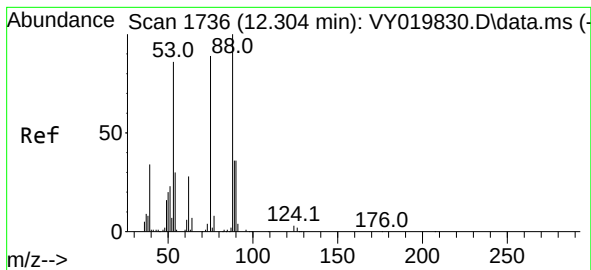
Tgt Ion:152 Resp: 120297
Ion Ratio Lower Upper
152 100
115 62.7 28.2 84.7
150 156.4 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 70.776 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020146.D
Acq: 04 Nov 2024 16:33

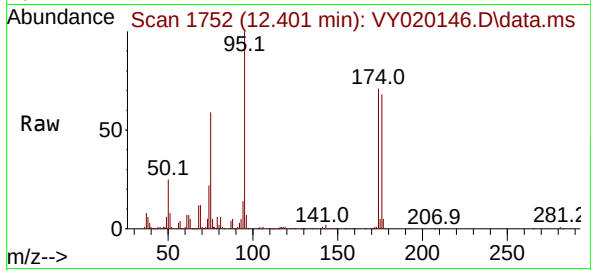
Tgt Ion: 75 Resp: 79811
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.236 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020146.D
 Acq: 04 Nov 2024 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 79811
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

