

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020167.D
 Acq On : 05 Nov 2024 15:19
 Operator : SY/MD
 Sample : P4711-02
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:26:51 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)

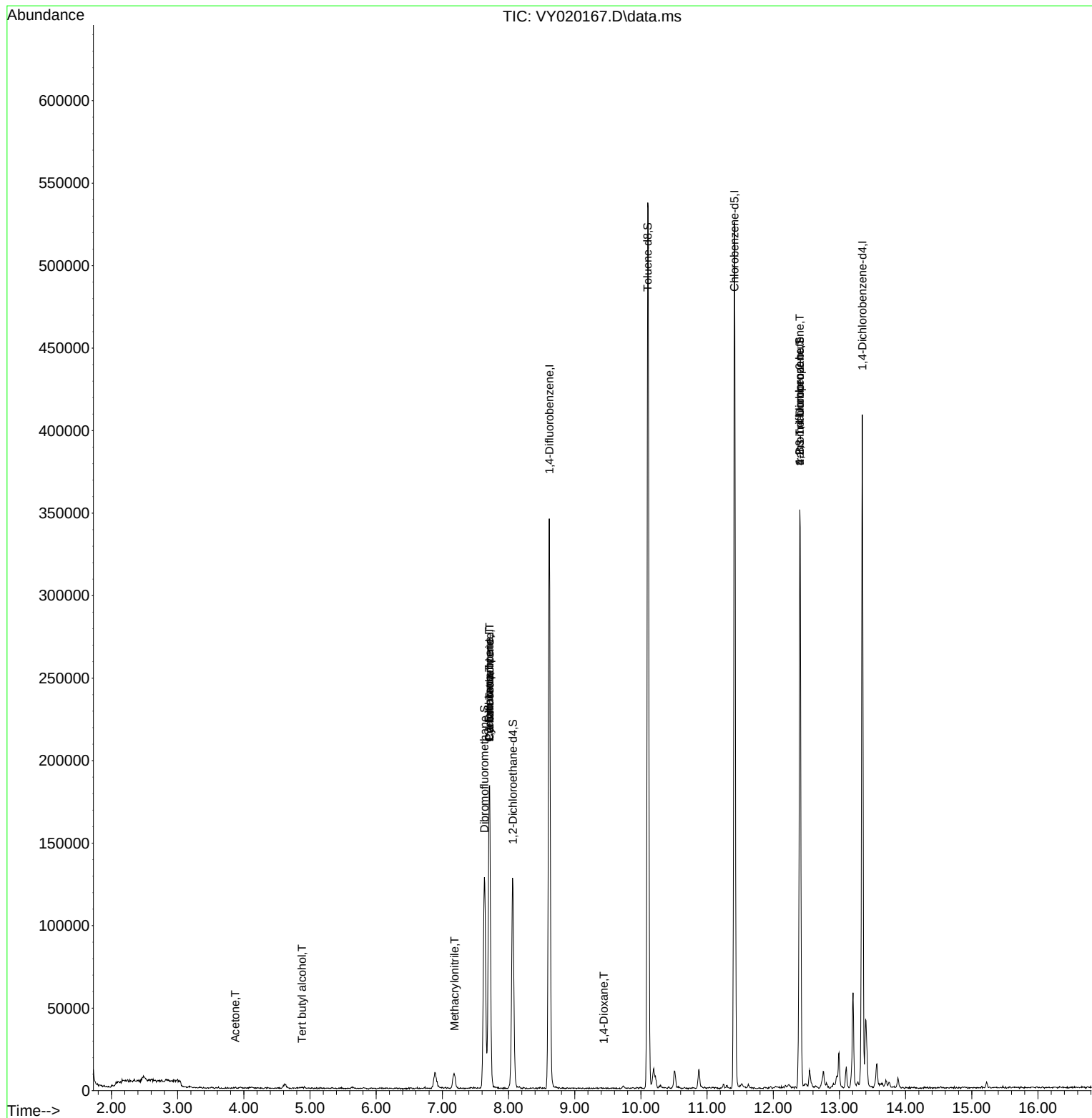
Internal Standards						
1) Pentafluorobenzene	7.713	168	129795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	270850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95031	58.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.320%	
35) Dibromofluoromethane	7.634	113	89915	52.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.420%	
50) Toluene-d8	10.103	98	339472	49.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.401	95	97703	43.883	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	196	1.682	ug/l	# 88
16) Acetone	3.873	43	827	2.195	ug/l	# 65
31) Cyclohexane	7.707	56	4420	1.504	ug/l	# 40
36) 1,1-Dichloropropene	7.707	75	13585	5.107	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	15657	5.853	ug/l	# 17
41) Methacrylonitrile	7.183	41	5679	8.939	ug/l	# 37
49) 1,4-Dioxane	9.439	88	22	2.123	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	58741	72.137	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	58741	155.164	ug/l	# 17

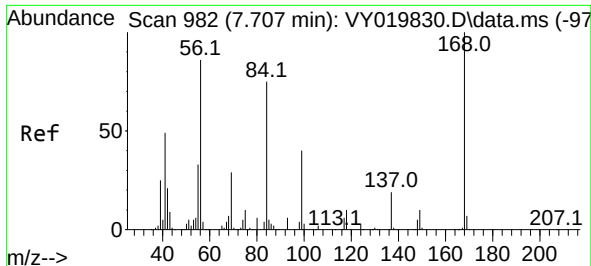
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

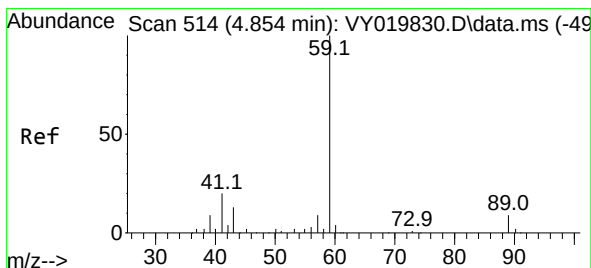
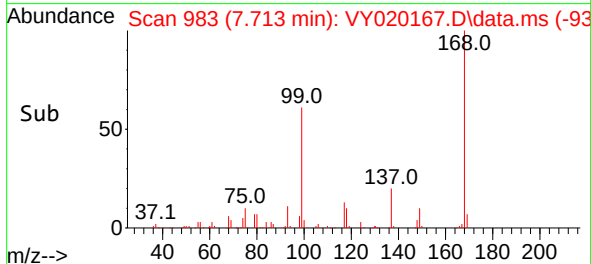
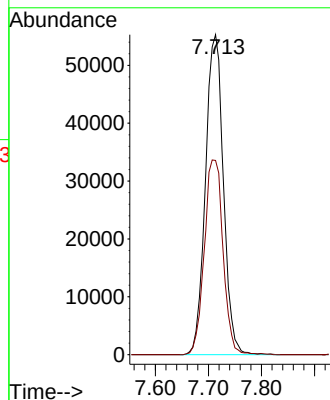
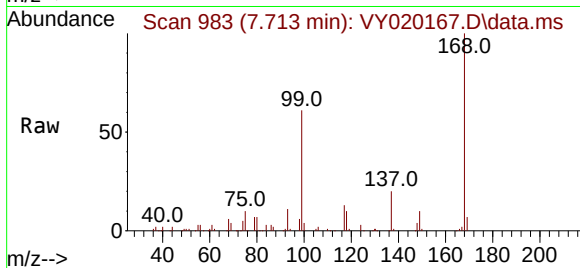




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

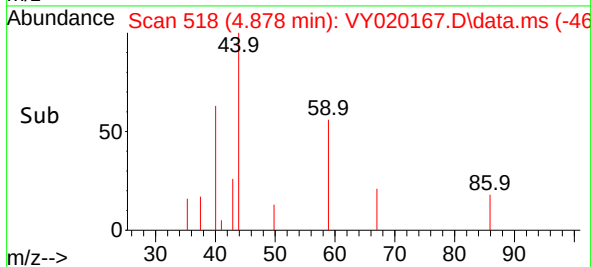
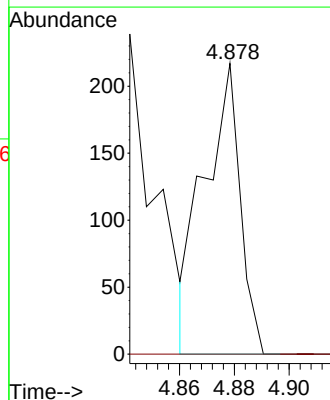
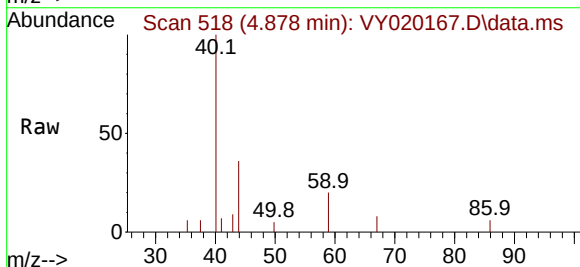
Instrument :
MSVOA_Y
ClientSampleId :

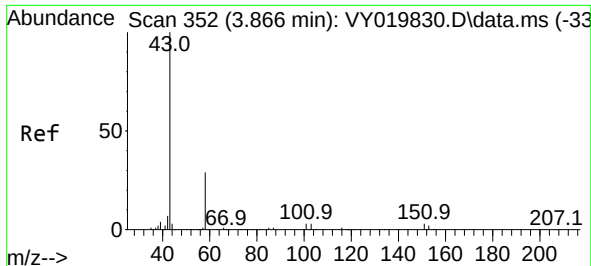
Tgt Ion:168 Resp: 129795
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.682 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.195 ug/l

RT: 3.873 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY020167.D

Acq: 05 Nov 2024 15:19

Instrument :

MSVOA_Y

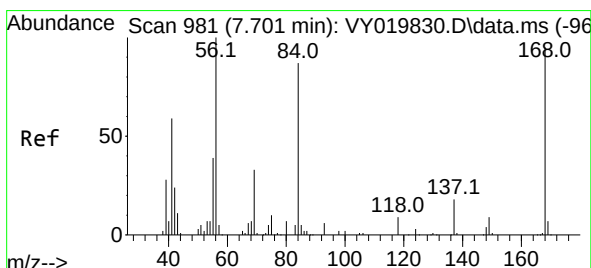
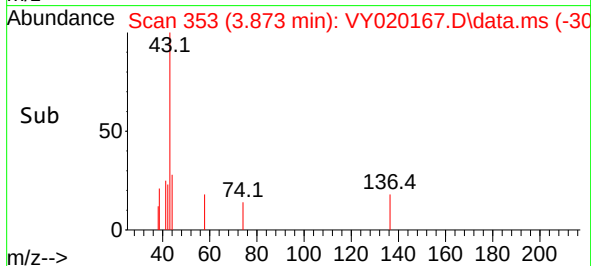
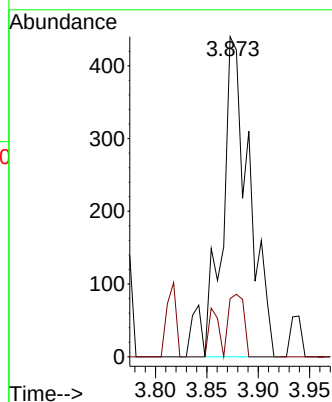
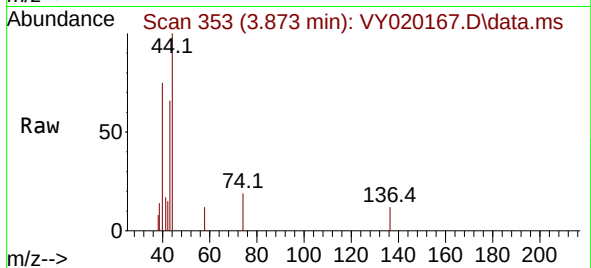
ClientSampleId :

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 18.2 31.7 47.5#



#31

Cyclohexane

Concen: 1.504 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020167.D

Acq: 05 Nov 2024 15:19

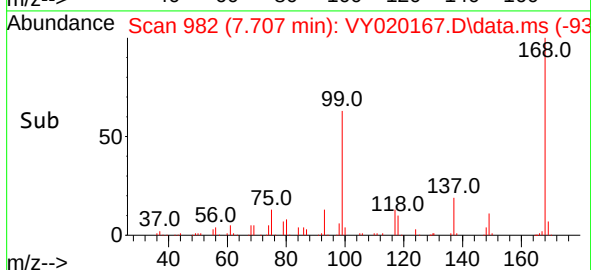
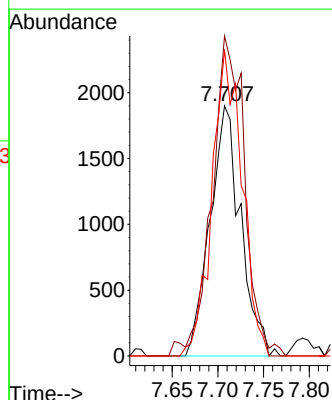
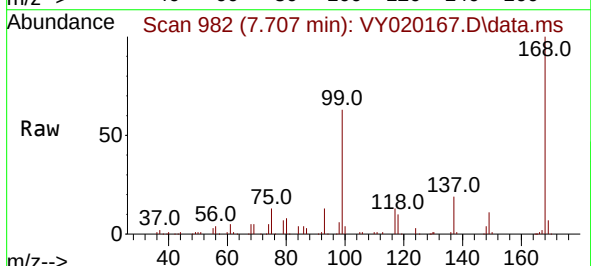
Tgt Ion: 56 Resp: 4420

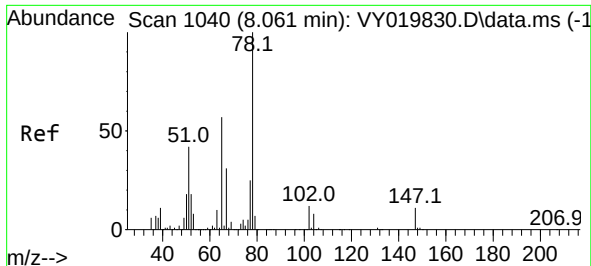
Ion Ratio Lower Upper

56 100

69 124.9 28.7 43.1#

84 122.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.664 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020167.D

Acq: 05 Nov 2024 15:19

Instrument :

MSVOA_Y

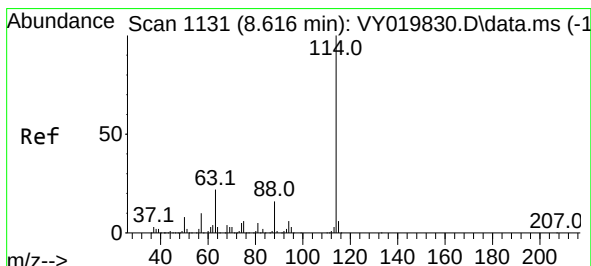
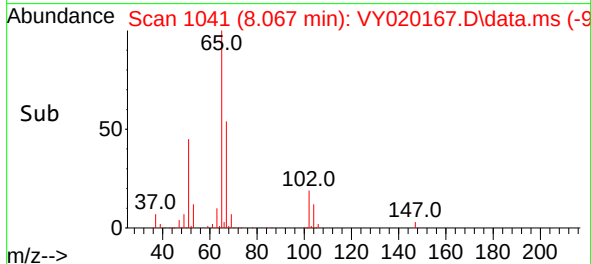
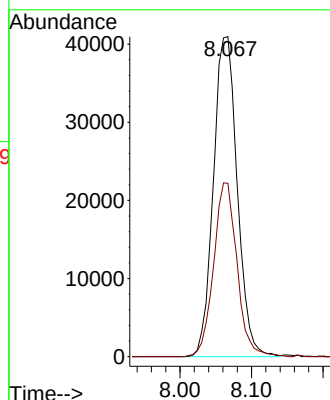
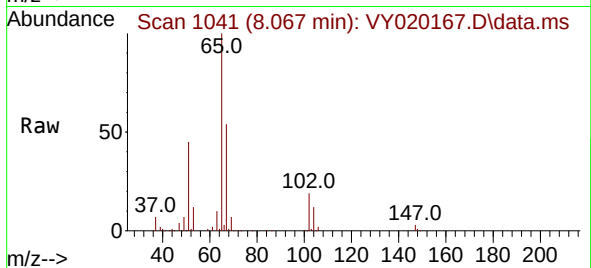
ClientSampleId :

Tgt Ion: 65 Resp: 95031

Ion Ratio Lower Upper

65 100

67 53.2 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: VY020167.D

Acq: 05 Nov 2024 15:19

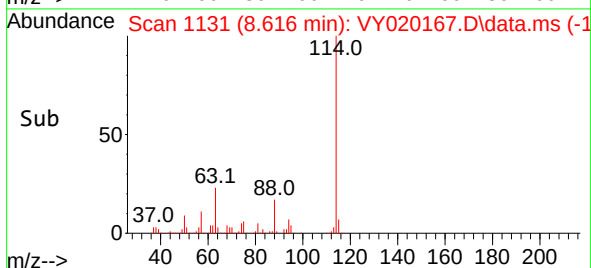
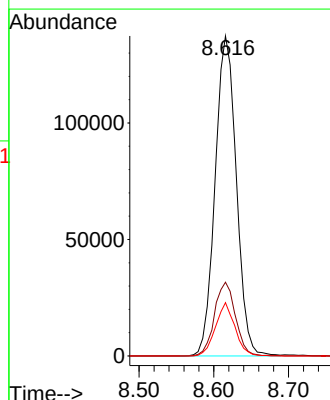
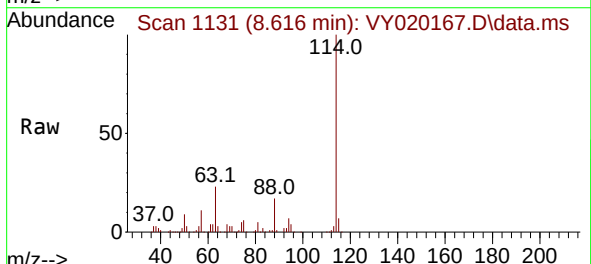
Tgt Ion: 114 Resp: 270850

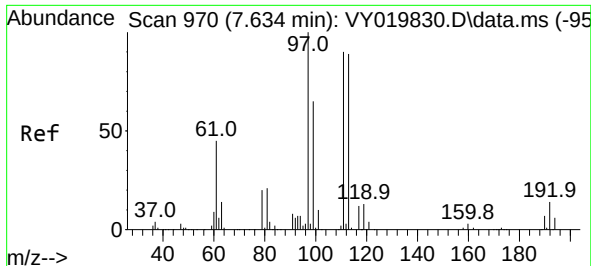
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 16.6 0.0 27.2

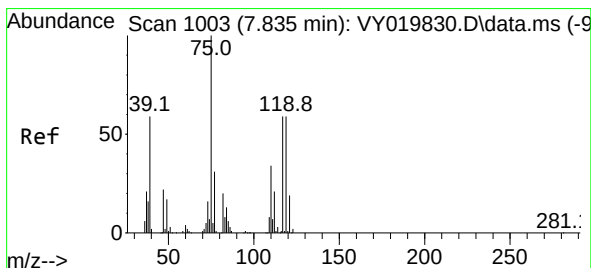
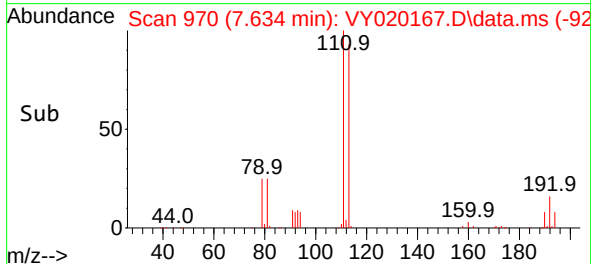
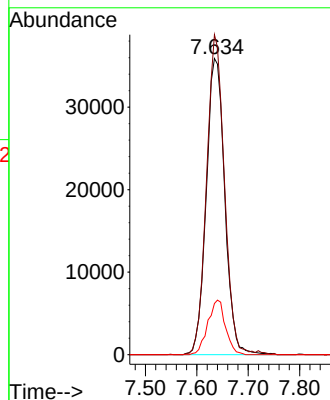
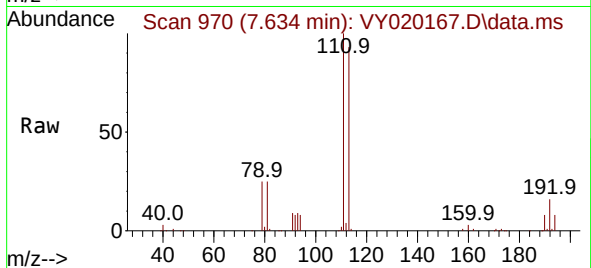




#35
Dibromofluoromethane
Concen: 52.214 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

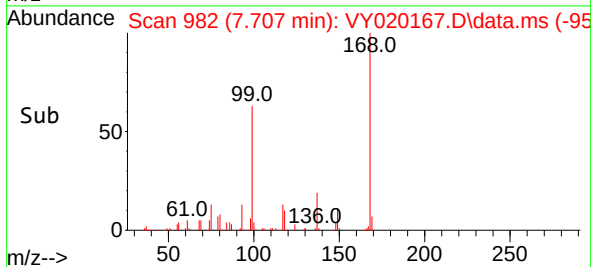
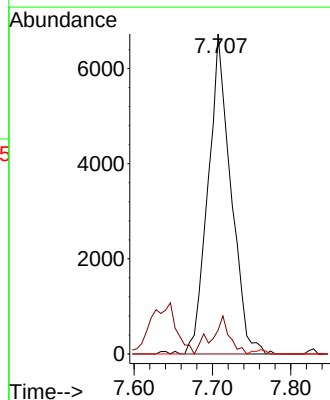
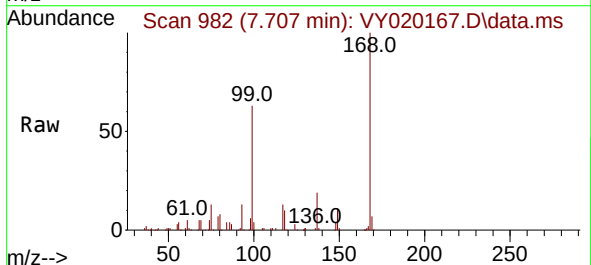
Instrument :
MSVOA_Y
ClientSampleId :

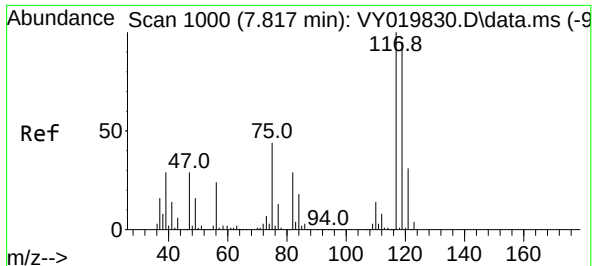
Tgt Ion:113 Resp: 89915
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

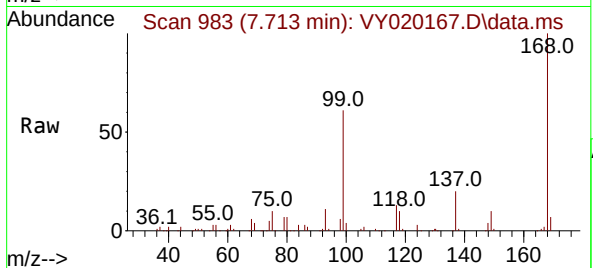
Tgt Ion: 75 Resp: 13585
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#



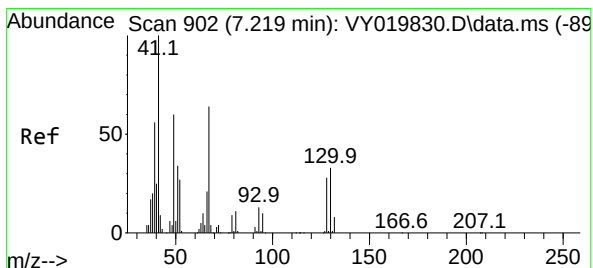
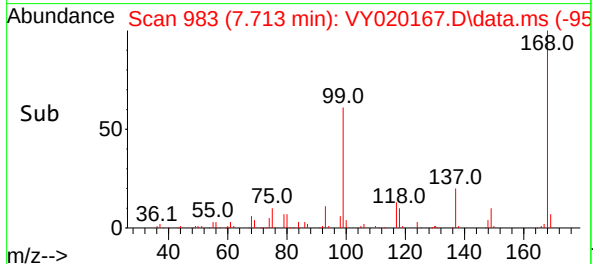
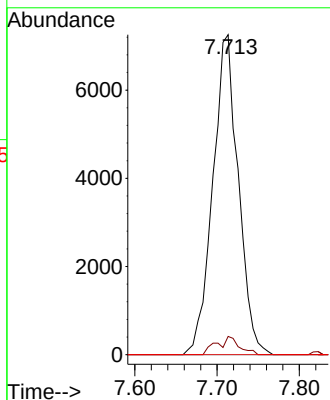


#38
Carbon Tetrachloride
Concen: 5.853 ug/l
RT: 7.713 min Scan# 911
Delta R.T. -0.103 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

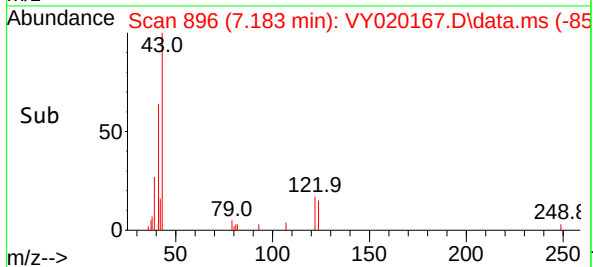
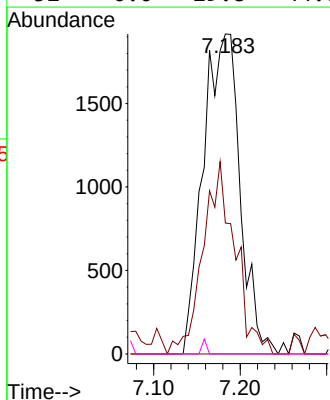
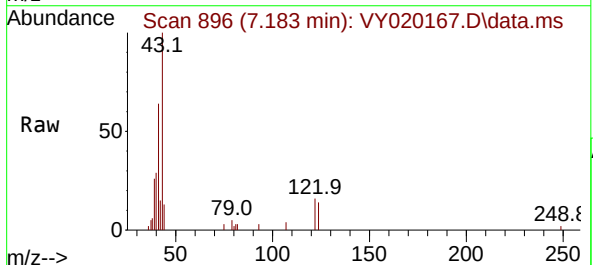


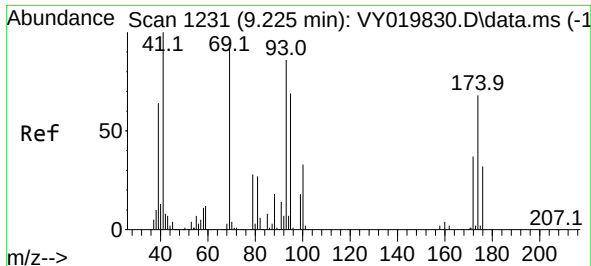
Tgt Ion:117 Resp: 15657
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 8.939 ug/l
RT: 7.183 min Scan# 896
Delta R.T. -0.036 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

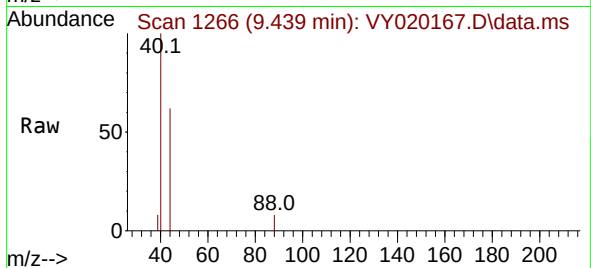
Tgt Ion: 41 Resp: 5679
Ion Ratio Lower Upper
41 100
39 52.1 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



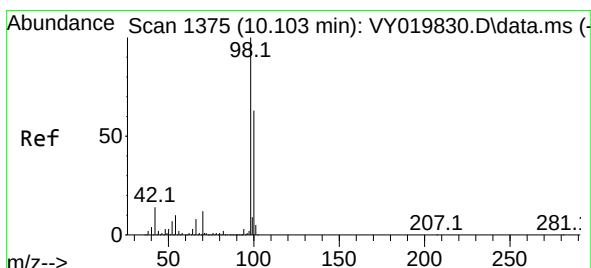
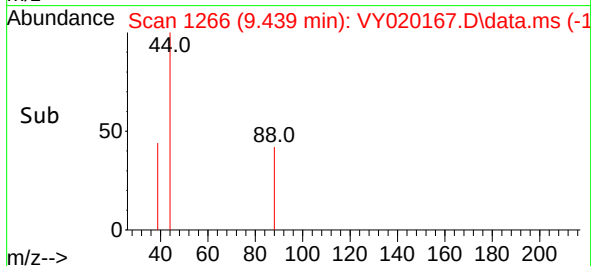
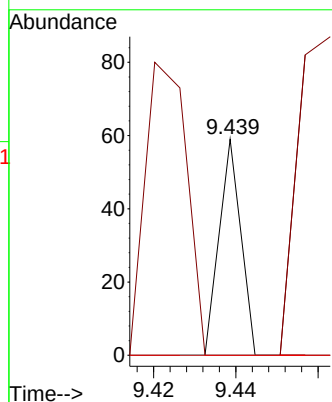


#49
1,4-Dioxane
Concen: 2.123 ug/l
RT: 9.439 min Scan# 1266
Delta R.T. 0.208 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

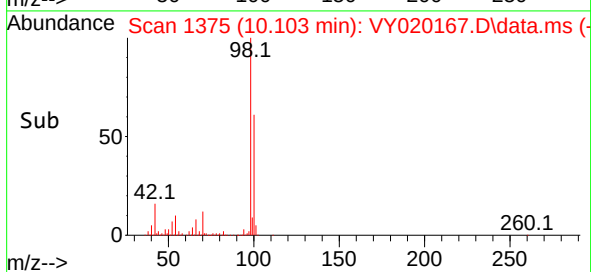
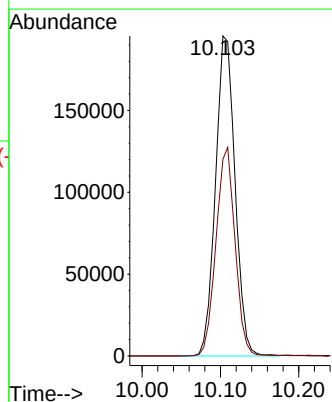
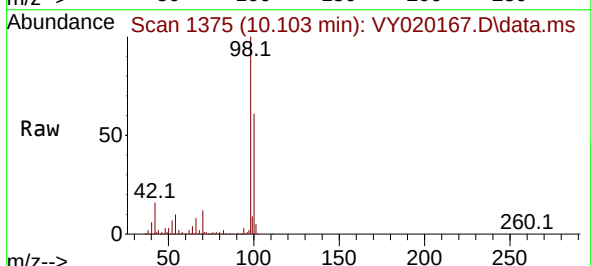


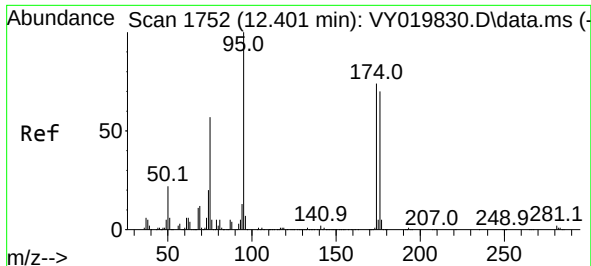
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 254.5 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 49.525 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

Tgt Ion: 98 Resp: 339472
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

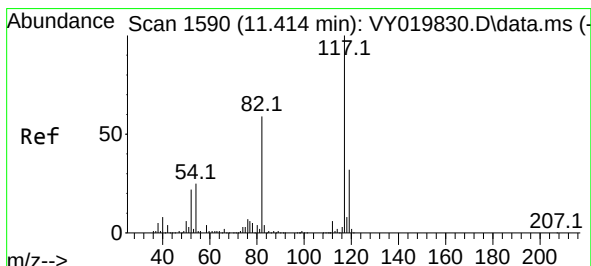
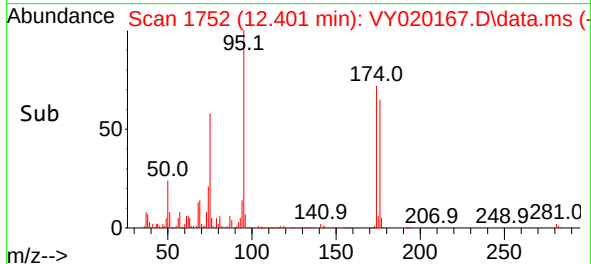
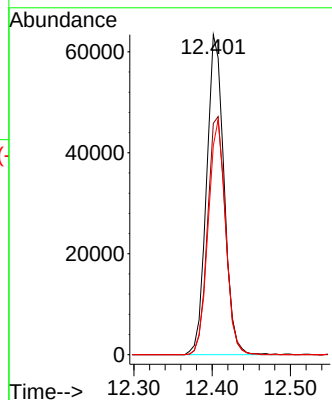
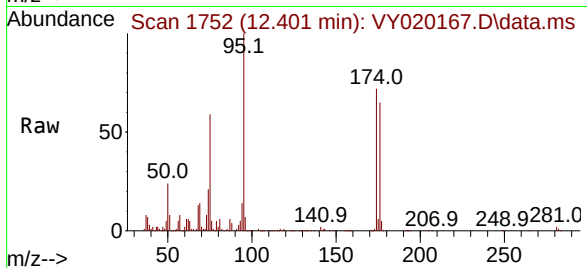




#62
4-Bromofluorobenzene
Concen: 43.883 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

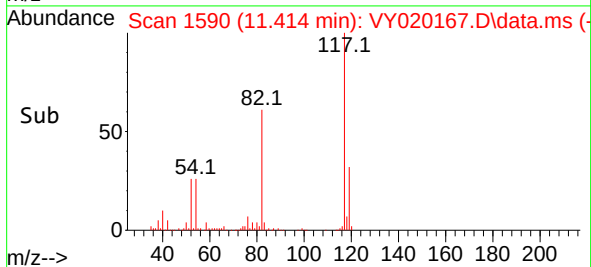
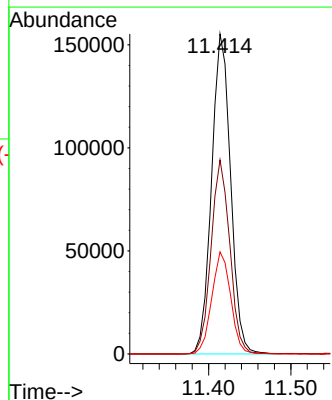
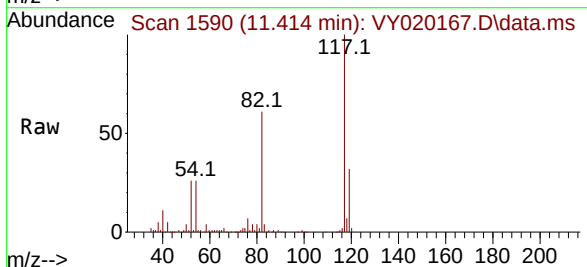
Instrument :
MSVOA_Y
ClientSampleId :

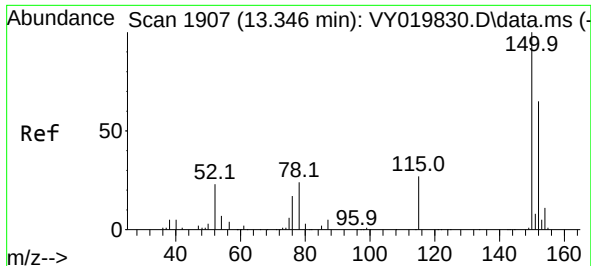
Tgt Ion: 95 Resp: 97703
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

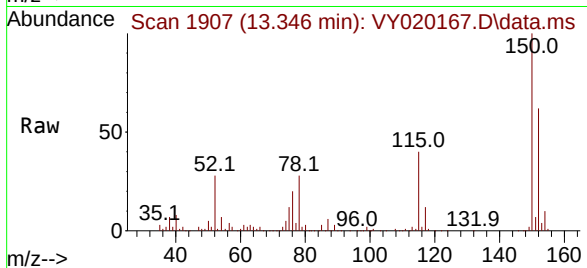
Tgt Ion: 117 Resp: 249283
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 31.9 25.9 38.9



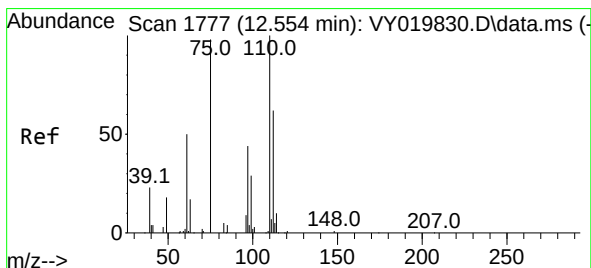
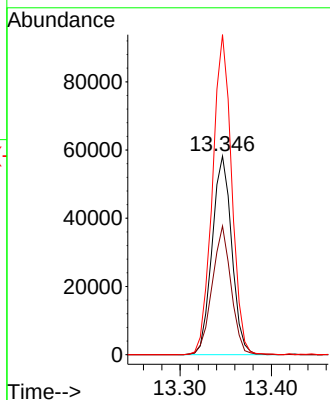
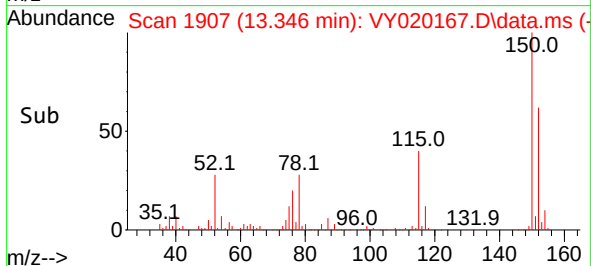


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

Instrument :
MSVOA_Y
ClientSampleId :

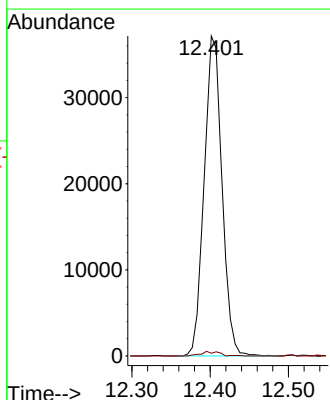
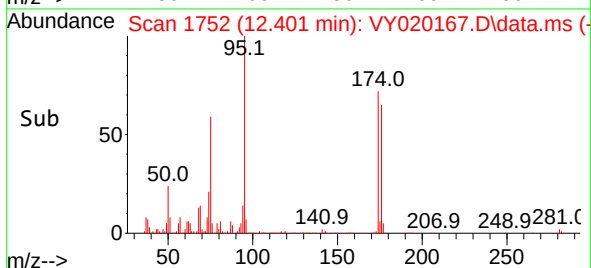
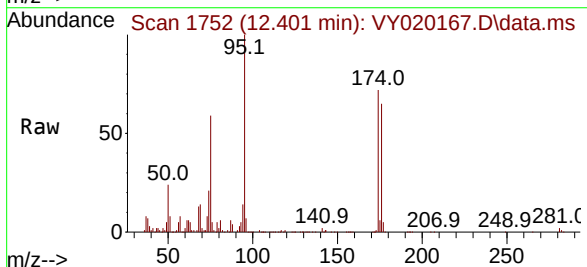


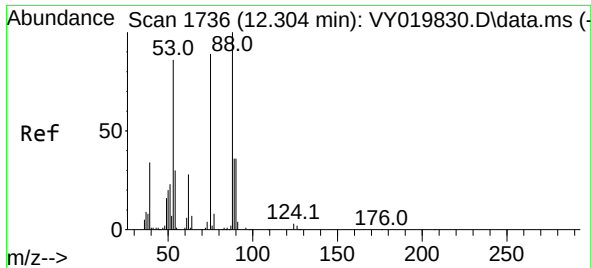
Tgt Ion:152 Resp: 86868
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 157.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 72.137 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

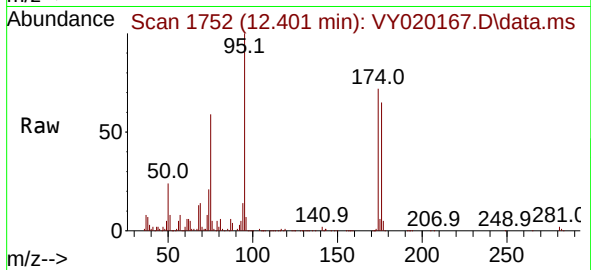
Tgt Ion: 75 Resp: 58741
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 155.164 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020167.D
 Acq: 05 Nov 2024 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58741
 Ion Ratio Lower Upper
 75 100
 53 1.1 66.8 100.2#
 89 0.1 35.8 53.6#

