

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020169.D
 Acq On : 05 Nov 2024 16:05
 Operator : SY/MD
 Sample : P4701-03
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:27:37 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)

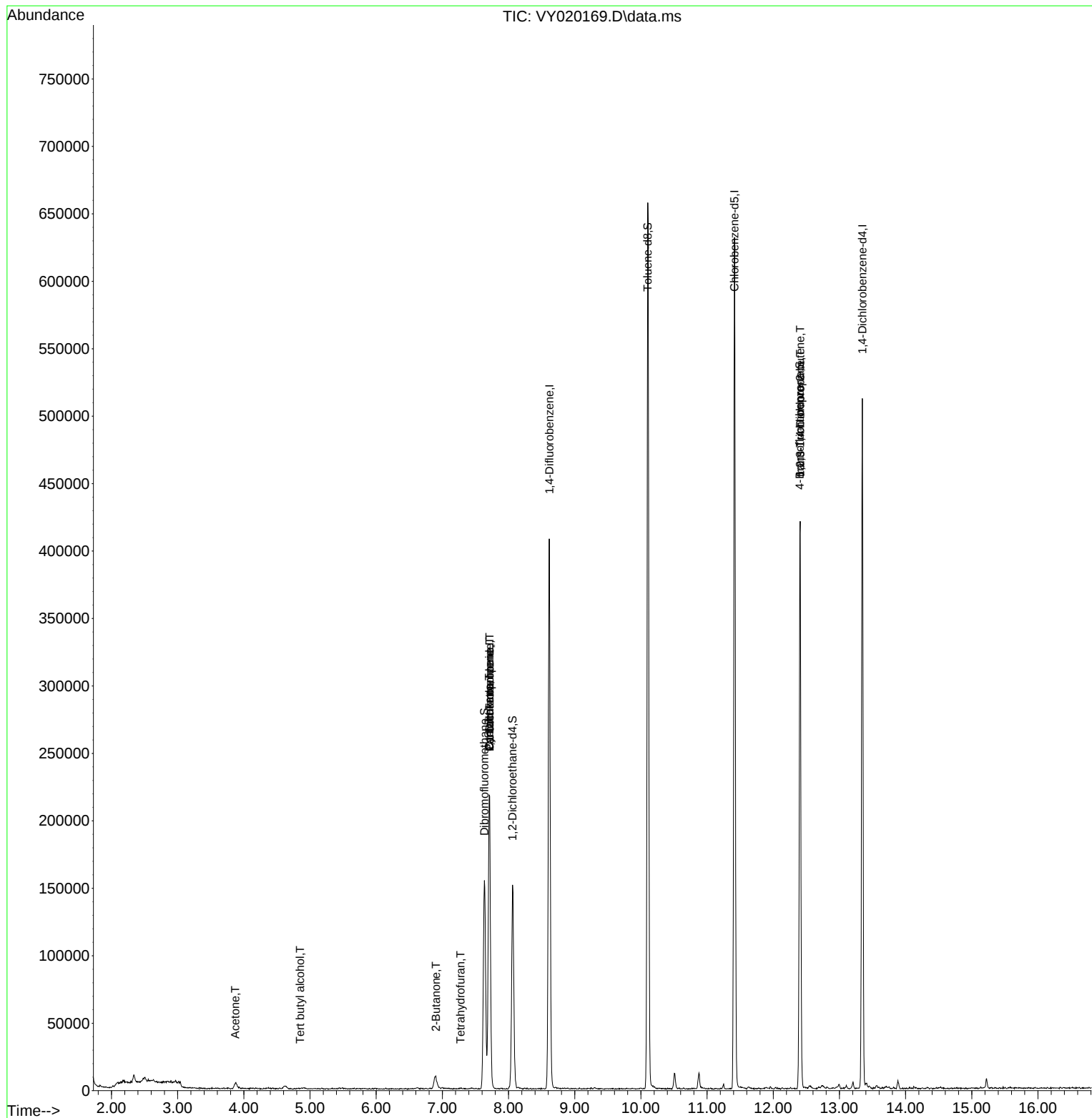
Internal Standards						
1) Pentafluorobenzene	7.713	168	151740	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	318057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114679	60.555	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.100%		
35) Dibromofluoromethane	7.634	113	109942	54.368	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.740%		
50) Toluene-d8	10.103	98	406110	50.453	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 100.900%		
62) 4-Bromofluorobenzene	12.401	95	125122	47.857	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 95.720%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	404	2.966	ug/l	# 88
16) Acetone	3.873	43	8145	18.494	ug/l	87
25) 2-Butanone	6.902	43	3131	5.245	ug/l	# 80
29) Tetrahydrofuran	7.274	42	403	1.170	ug/l	# 43
31) Cyclohexane	7.707	56	4878	1.419	ug/l	# 66
36) 1,1-Dichloropropene	7.713	75	15686	5.021	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	17276	5.500	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	72801	70.716	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	72801	152.108	ug/l	# 16

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

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Quant Time: Nov 06 00:27:37 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

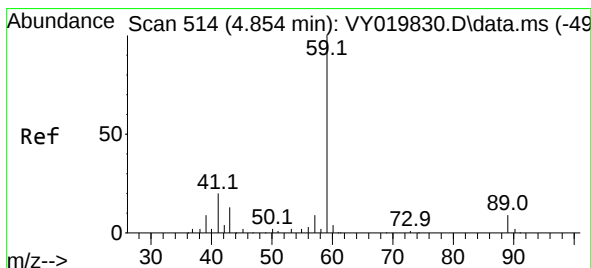
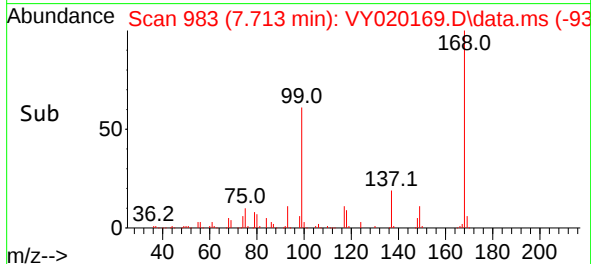
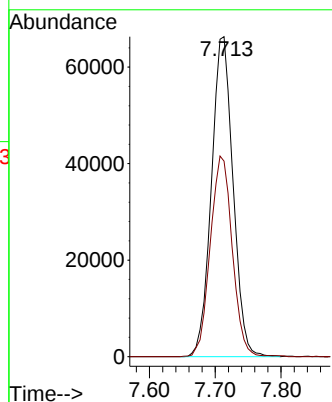
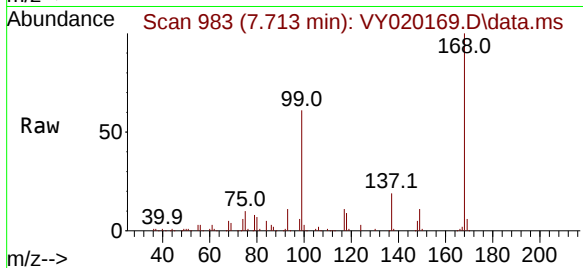




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

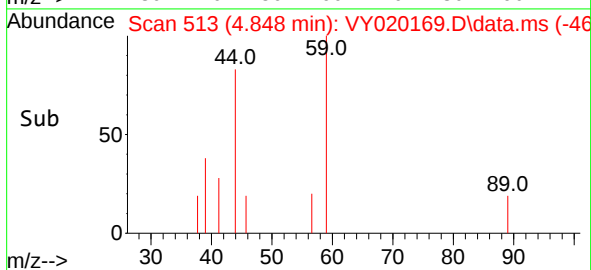
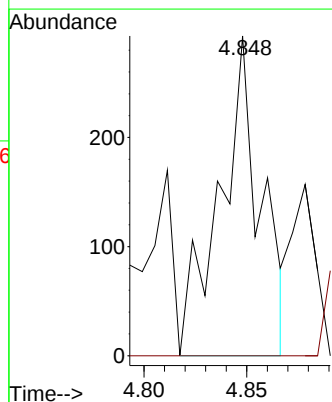
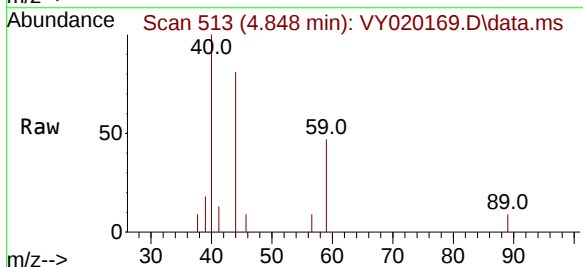
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 151740
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 2.966 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 59 Resp: 404
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

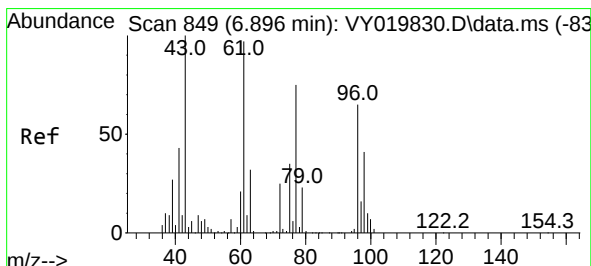
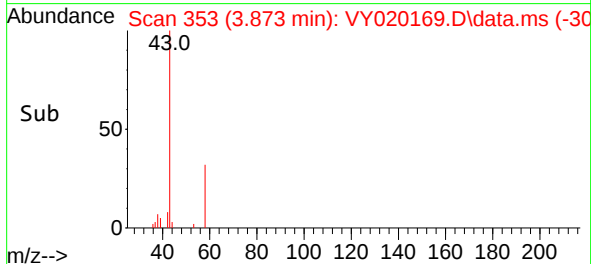
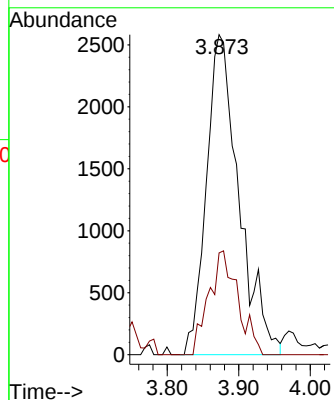
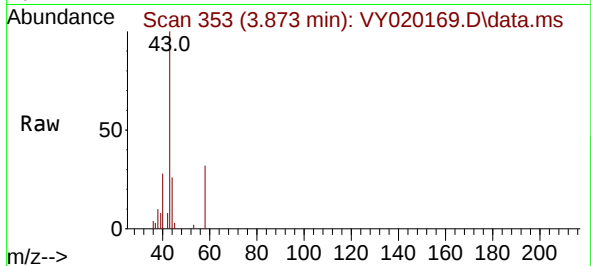




#16
Acetone
Concen: 18.494 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

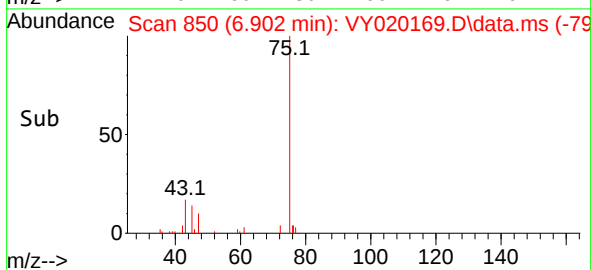
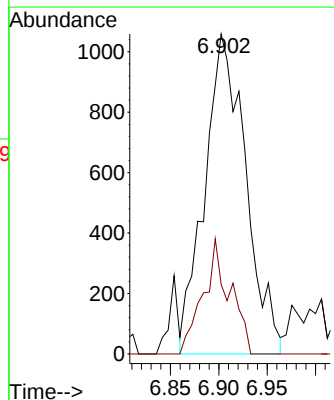
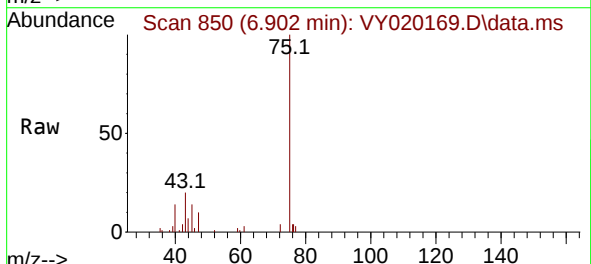
Instrument :
MSVOA_Y
ClientSampleId :

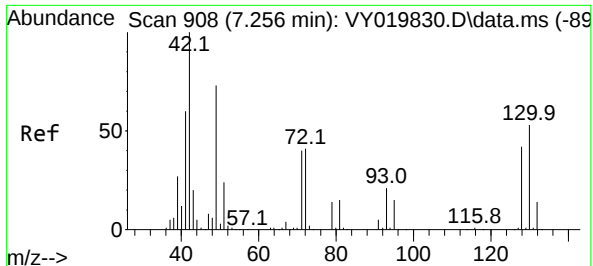
Tgt Ion: 43 Resp: 8145
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5



#25
2-Butanone
Concen: 5.245 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 43 Resp: 3131
Ion Ratio Lower Upper
43 100
72 22.9 27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.170 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

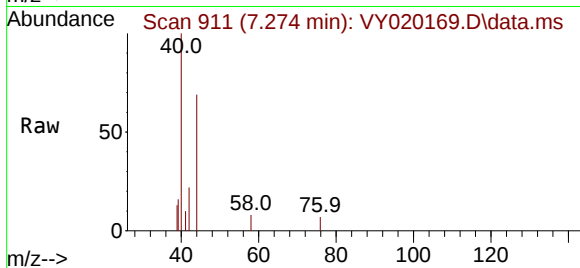
Lab File: VY020169.D

Acq: 05 Nov 2024 16:05

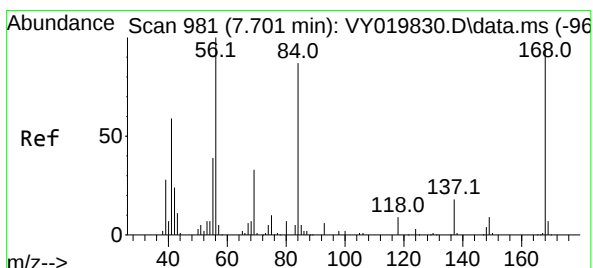
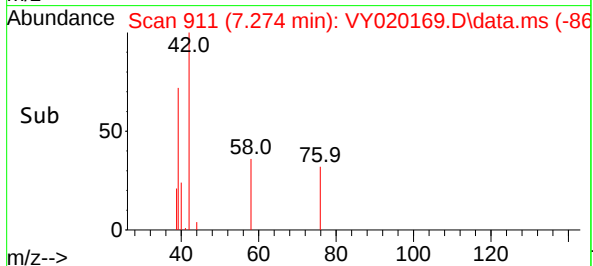
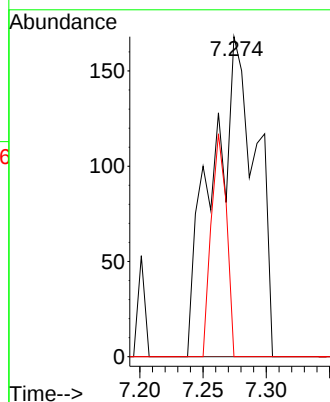
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 42	Resp: 403
Ion Ratio	Lower Upper
42 100	
72 0.0	43.0 64.4#
71 24.3	40.8 61.2#



#31

Cyclohexane

Concen: 1.419 ug/l

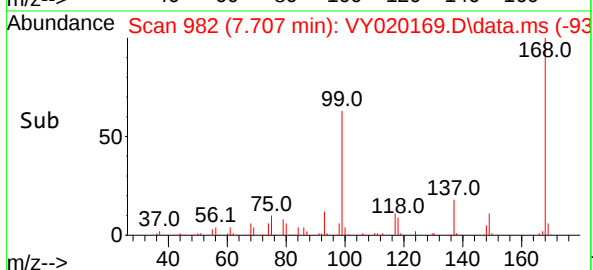
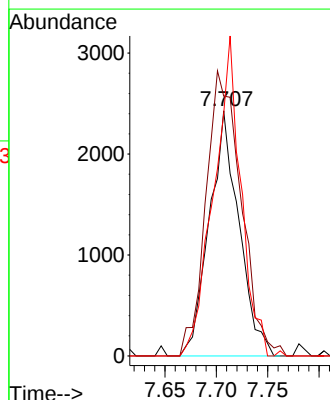
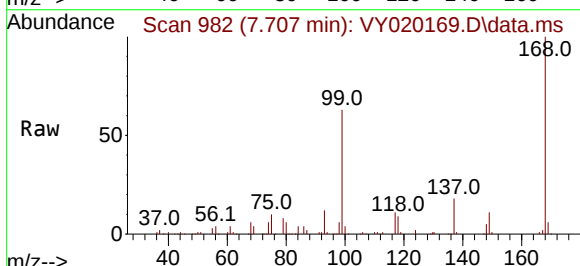
RT: 7.707 min Scan# 982

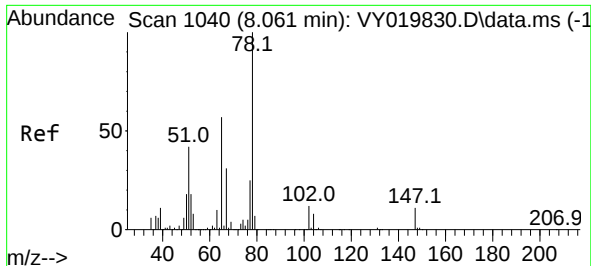
Delta R.T. 0.006 min

Lab File: VY020169.D

Acq: 05 Nov 2024 16:05

Tgt Ion: 56	Resp: 4878		
Ion Ratio	Lower	Upper	
56	100		
69	106.0	28.7	43.1#
84	98.9	77.7	116.5

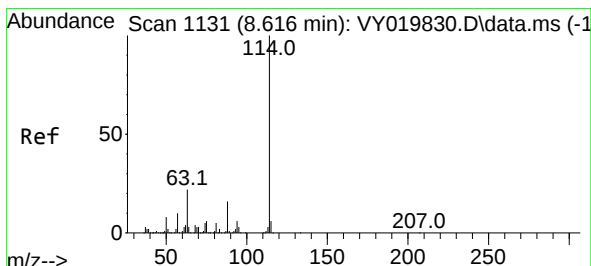
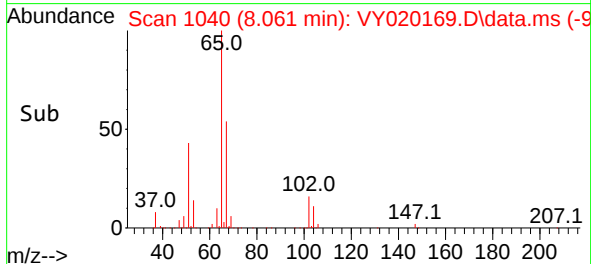
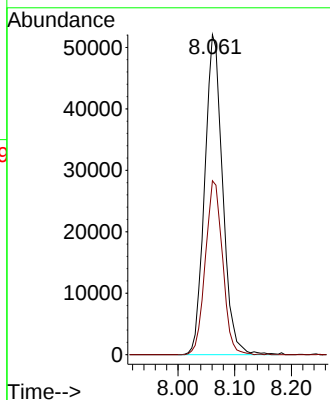
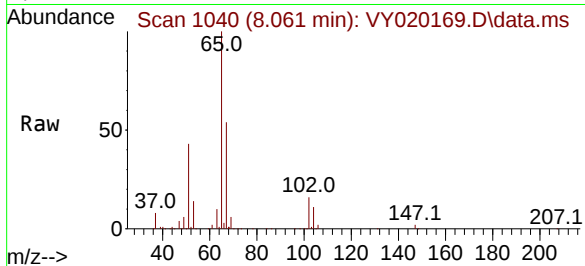




#33
 1,2-Dichloroethane-d4
 Concen: 60.555 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020169.D
 Acq: 05 Nov 2024 16:05

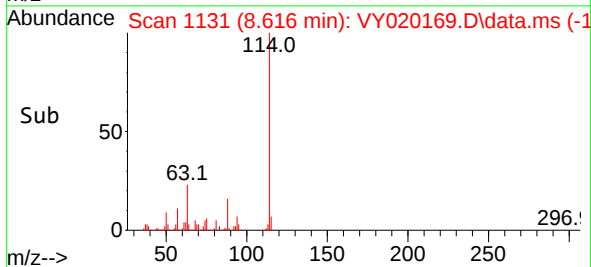
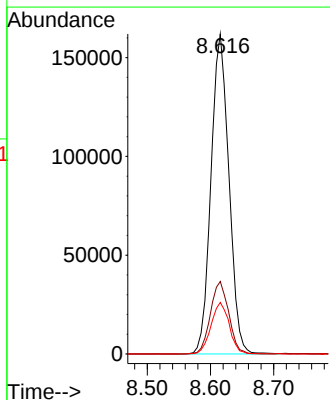
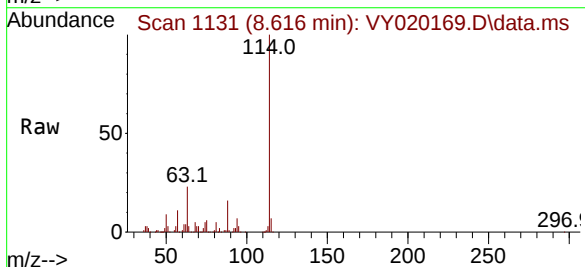
Instrument :
 MSVOA_Y
 ClientSampleId :

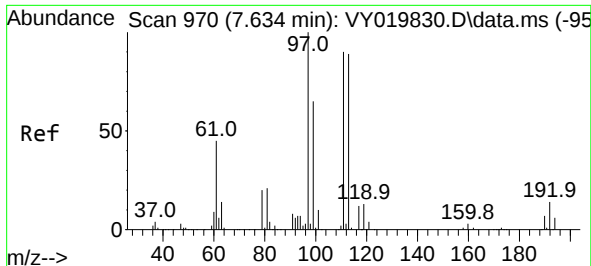
Tgt Ion: 65 Resp: 114679
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020169.D
 Acq: 05 Nov 2024 16:05

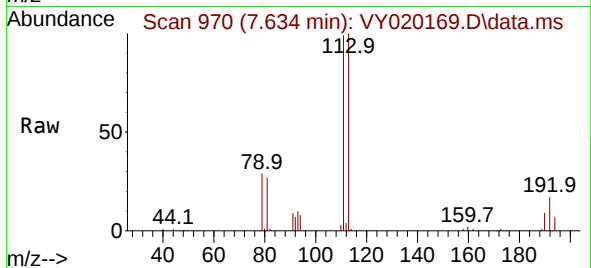
Tgt Ion:114 Resp: 318057
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.0
 88 16.1 0.0 27.2



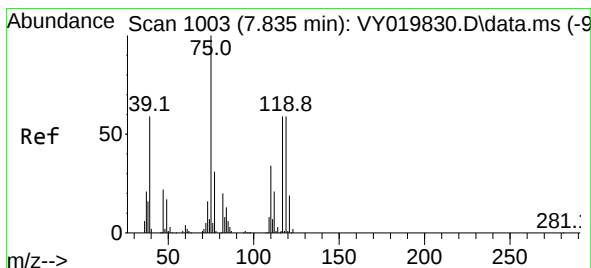
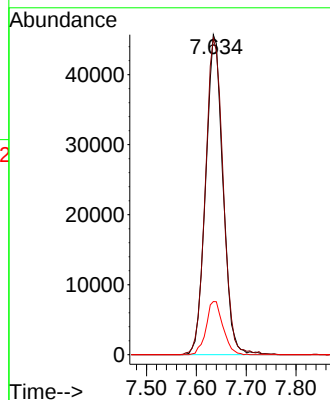
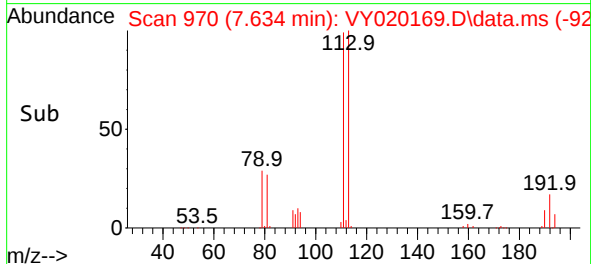


#35
Dibromofluoromethane
Concen: 54.368 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

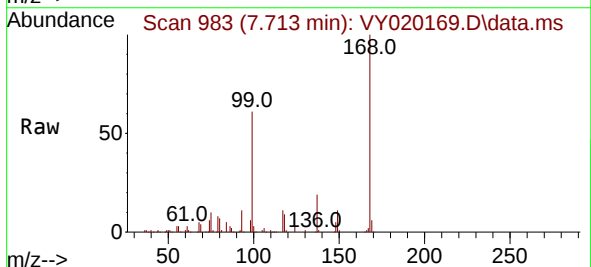
Instrument :
MSVOA_Y
ClientSampleId :



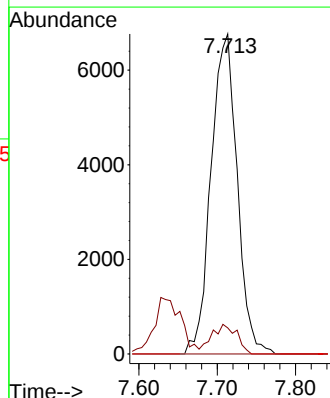
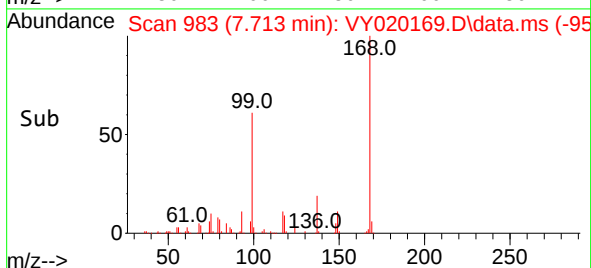
Tgt Ion:113 Resp: 109942
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 16.2 15.9 23.9

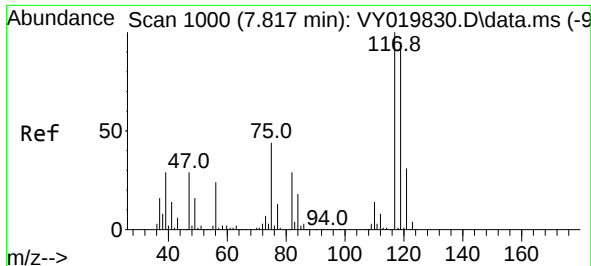


#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05



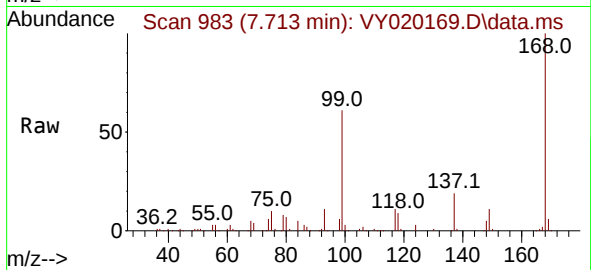
Tgt Ion: 75 Resp: 15686
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



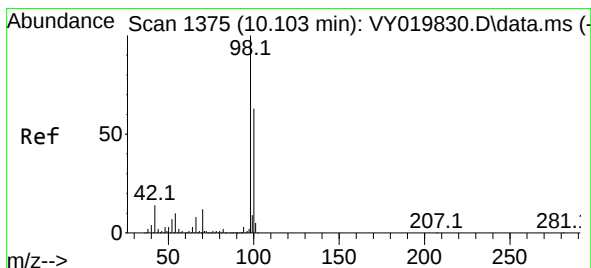
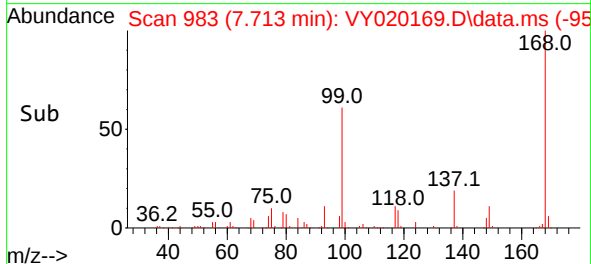
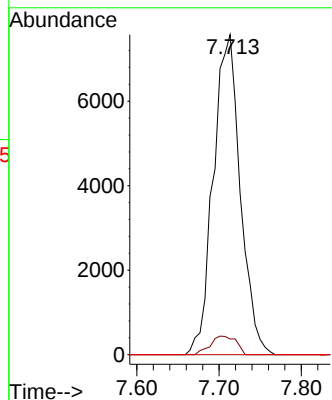


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

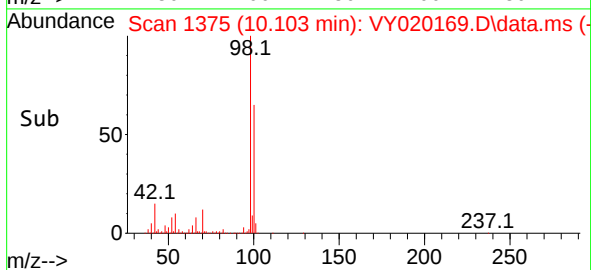
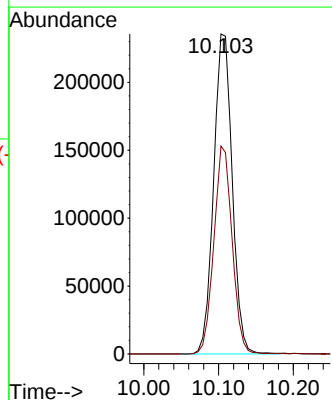
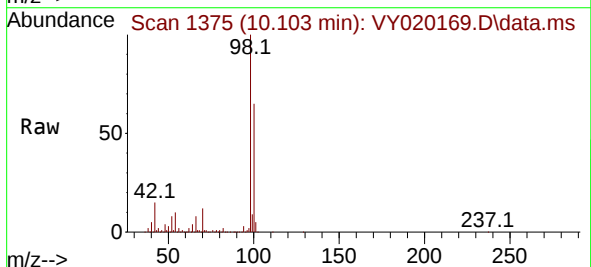


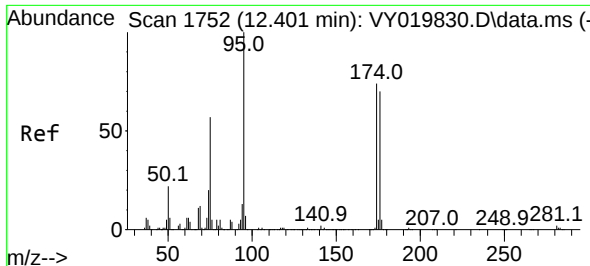
Tgt Ion:117 Resp: 17276
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.453 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 98 Resp: 406110
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

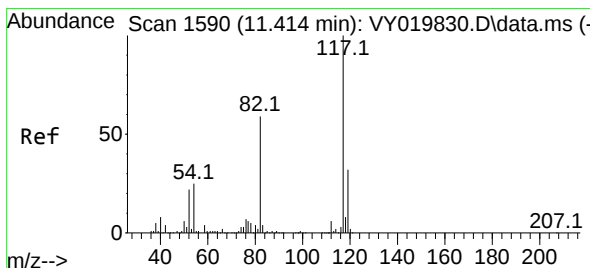
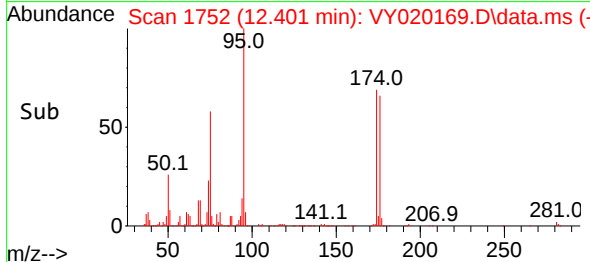
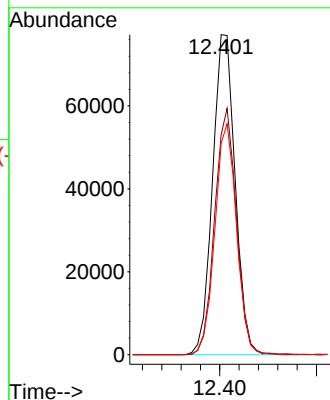
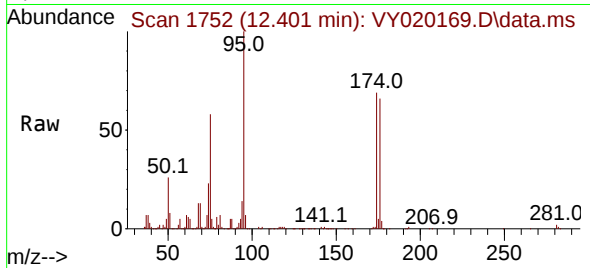




#62
4-Bromofluorobenzene
Concen: 47.857 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

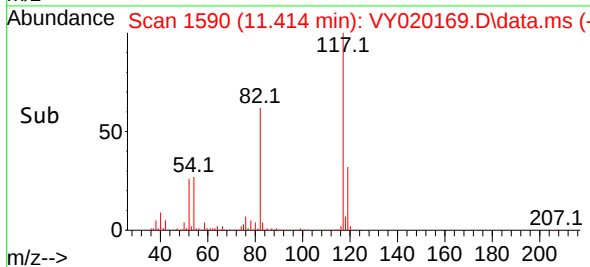
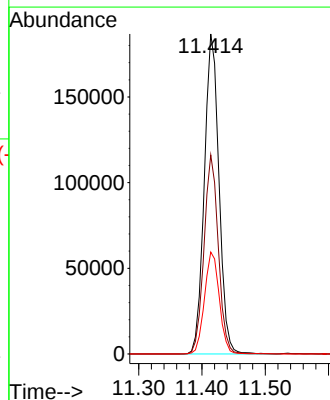
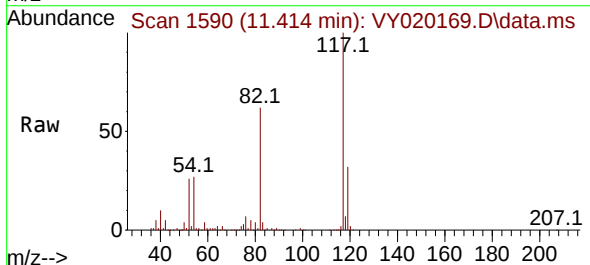
Instrument :
MSVOA_Y
ClientSampleId :

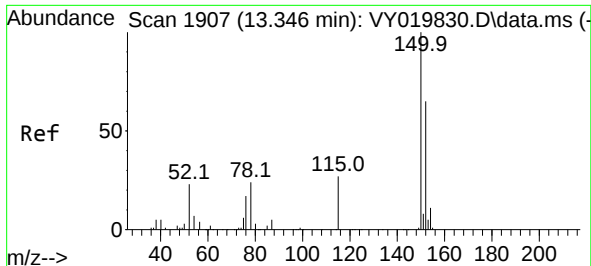
Tgt Ion: 95 Resp: 125122
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 69.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020169.D
Acq: 05 Nov 2024 16:05

Tgt Ion: 117 Resp: 301772
Ion Ratio Lower Upper
117 100
82 62.2 42.4 63.6
119 31.8 25.9 38.9

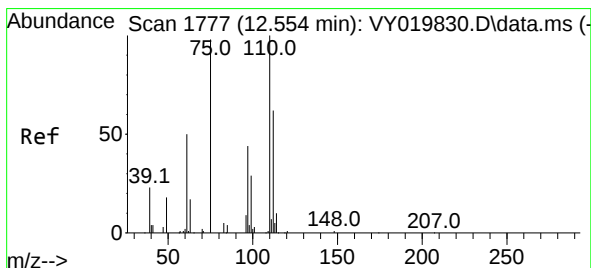
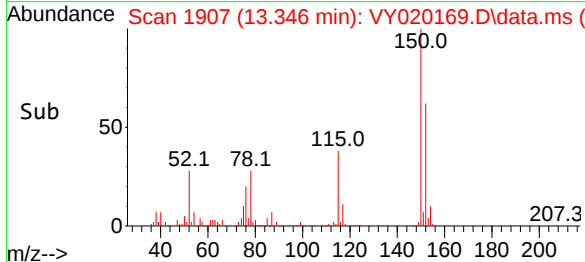
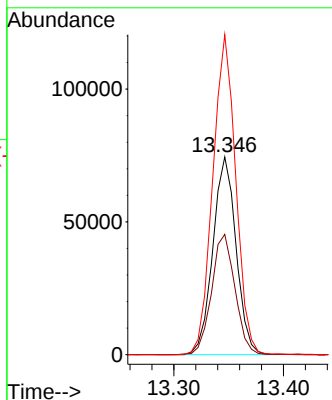
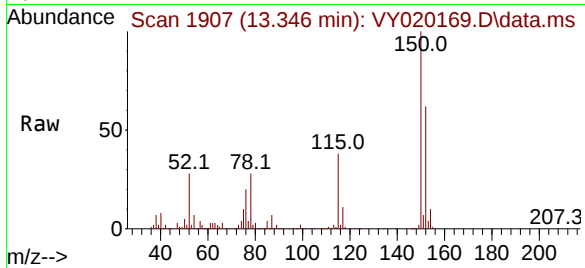




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020169.D
 Acq: 05 Nov 2024 16:05

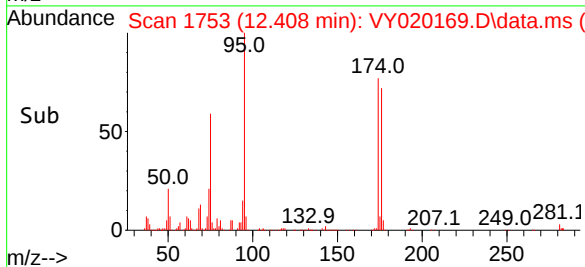
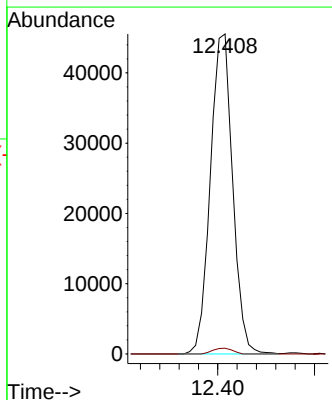
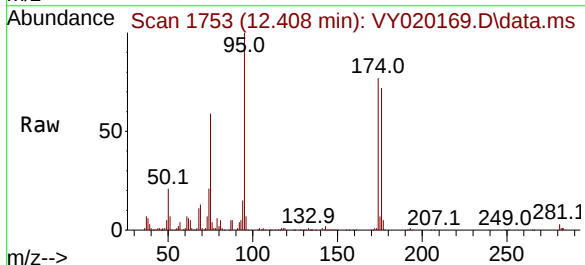
Instrument :
 MSVOA_Y
 ClientSampleId :

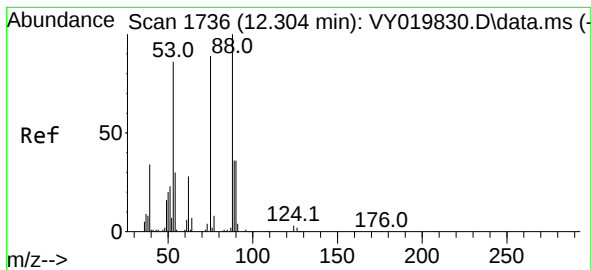
Tgt Ion:152 Resp: 109824
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.2 84.7
 150 159.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 70.716 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020169.D
 Acq: 05 Nov 2024 16:05

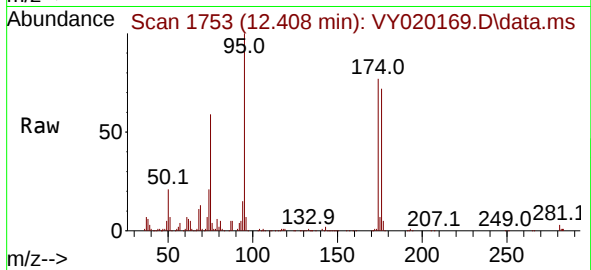
Tgt Ion: 75 Resp: 72801
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.108 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020169.D
 Acq: 05 Nov 2024 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.1	35.8	53.6#

