

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020197.D
 Acq On : 07 Nov 2024 11:19
 Operator : SY/MD
 Sample : VY1107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 00:25:05 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)

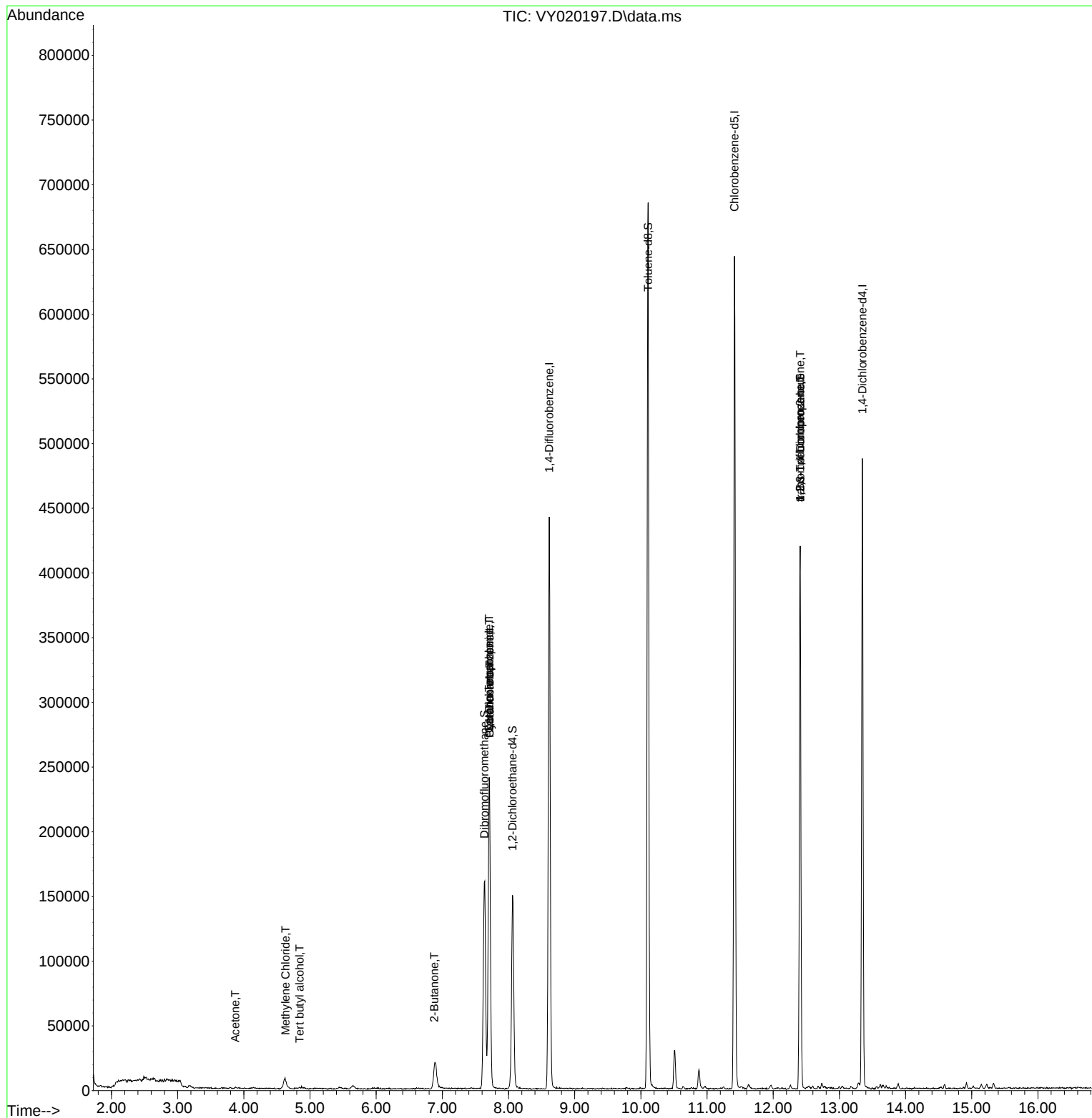
Internal Standards						
1) Pentafluorobenzene	7.713	168	168265	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	343319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	103250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115578	55.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.080%	
35) Dibromofluoromethane	7.634	113	114689	52.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.109	98	429039	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.408	95	123735	43.844	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	285	1.887	ug/l	# 88
16) Acetone	3.873	43	1244	2.547	ug/l	# 36
20) Methylene Chloride	4.629	84	4738	2.160	ug/l	# 75
25) 2-Butanone	6.878	43	837	1.264	ug/l	# 41
31) Cyclohexane	7.713	56	4925	1.292	ug/l	# 27
36) 1,1-Dichloropropene	7.707	75	17022	5.048	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	19069	5.624	ug/l	# 18
76) 1,2,3-Trichloropropane	12.408	75	72089	74.483	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	72089	160.210	ug/l	# 16

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

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Quant Time: Nov 08 00:25:05 2024
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

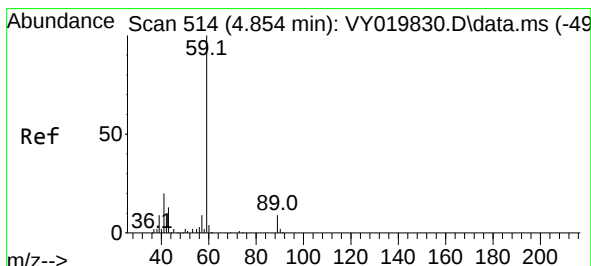
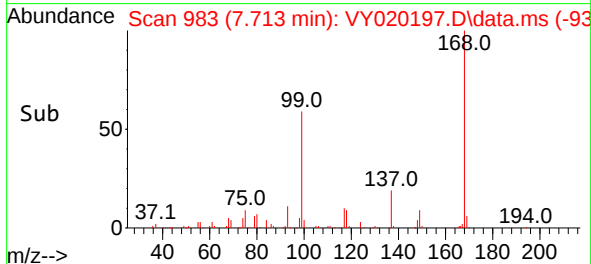
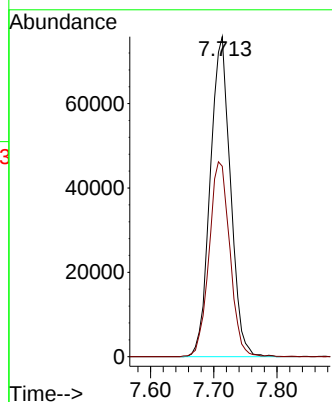
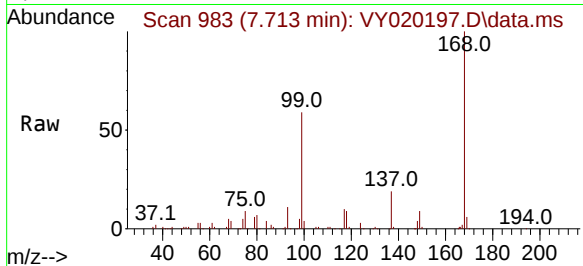




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

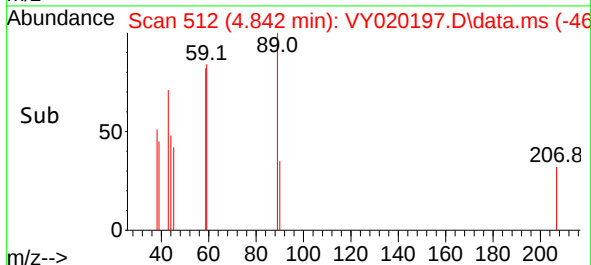
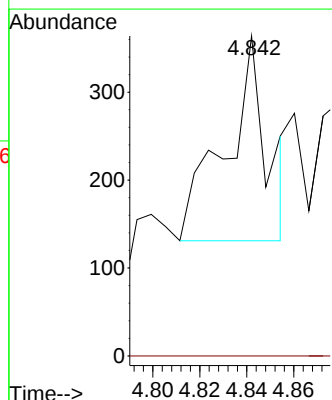
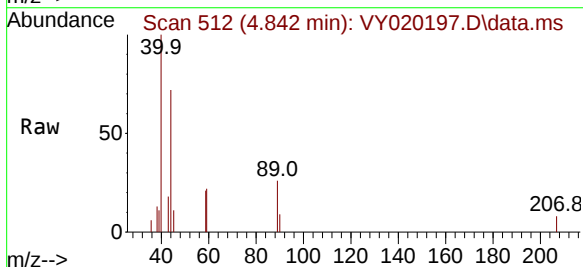
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 168265
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.887 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

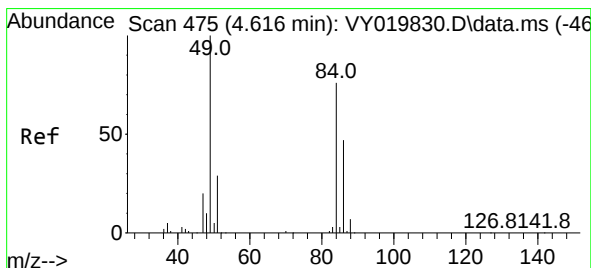
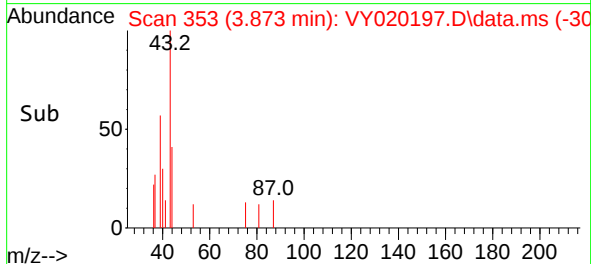
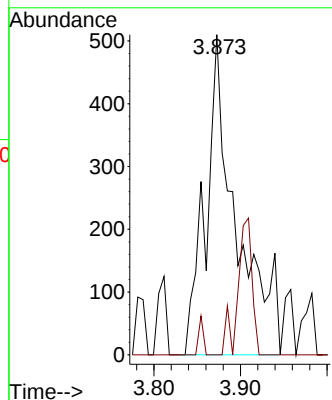
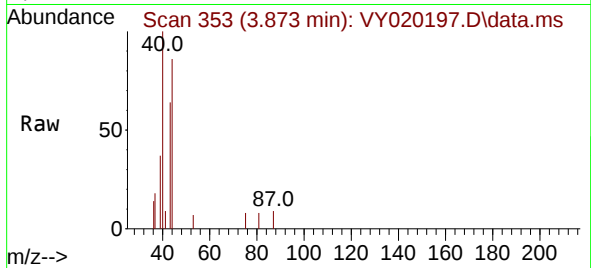




#16
Acetone
Concen: 2.547 ug/l
RT: 3.873 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

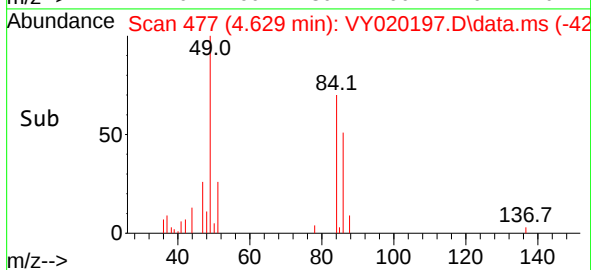
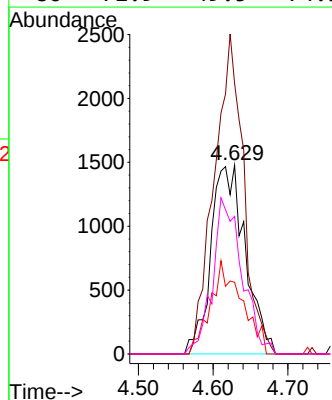
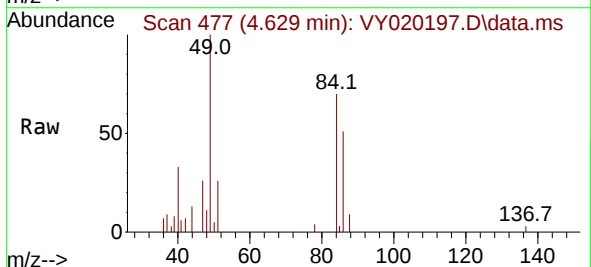
Instrument :
MSVOA_Y
ClientSampleId :

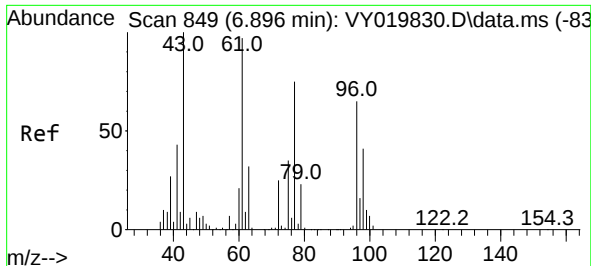
Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 2.160 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion: 84 Resp: 4738
Ion Ratio Lower Upper
84 100
49 143.3 84.4 126.6#
51 38.0 26.0 39.0
86 72.9 49.5 74.3

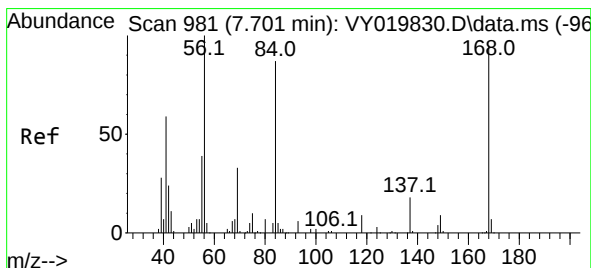
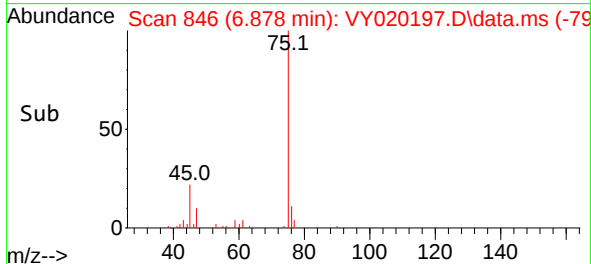
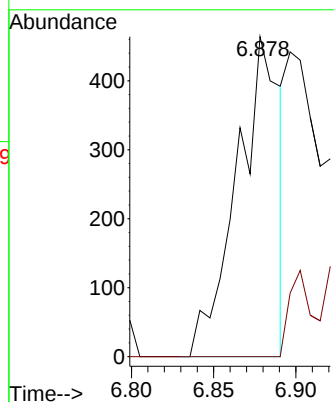
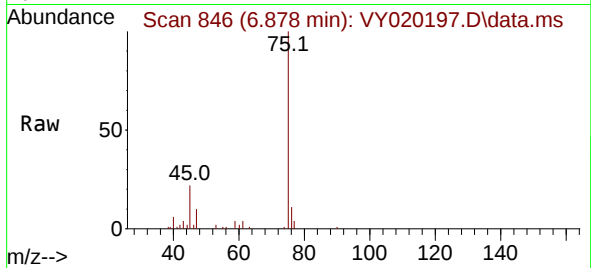




#25
2-Butanone
Concen: 1.264 ug/l
RT: 6.878 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

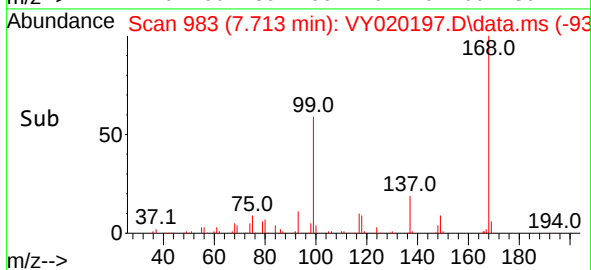
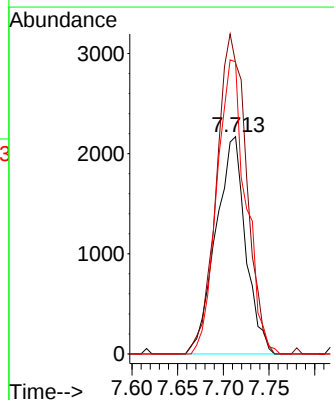
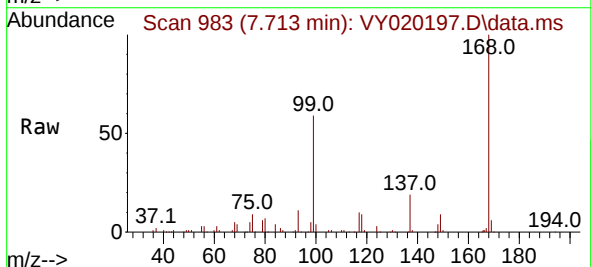
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.292 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.013 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion: 56 Resp: 4925
Ion Ratio Lower Upper
56 100
69 133.8 28.7 43.1#
84 134.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.036 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020197.D

Acq: 07 Nov 2024 11:19

Instrument :

MSVOA_Y

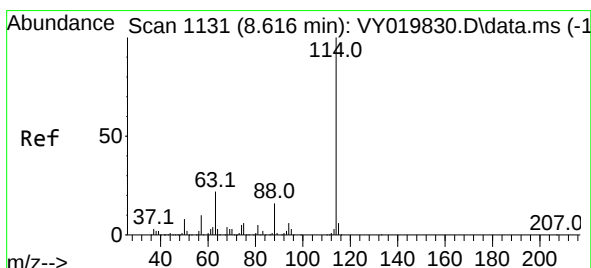
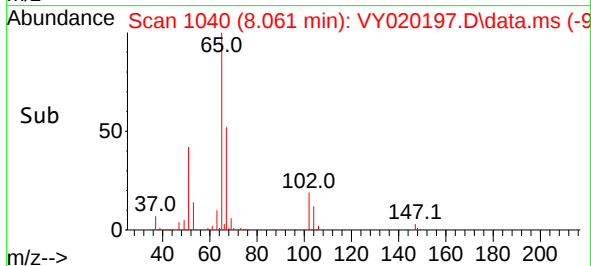
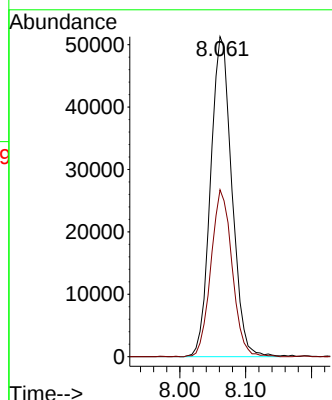
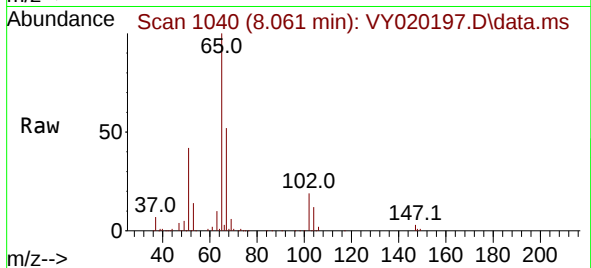
ClientSampleId :

Tgt Ion: 65 Resp: 115578

Ion Ratio Lower Upper

65 100

67 51.8 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: VY020197.D

Acq: 07 Nov 2024 11:19

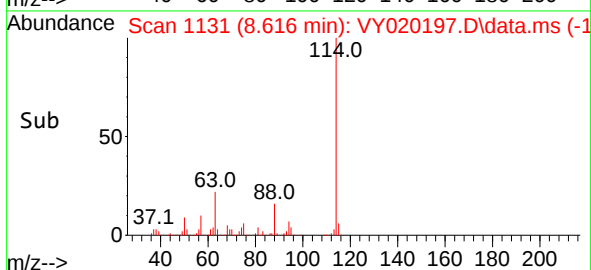
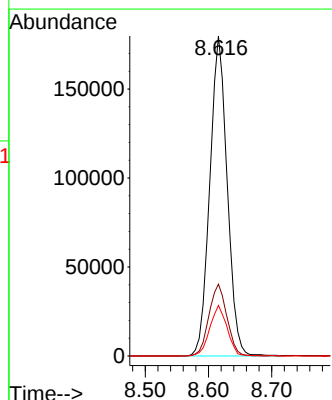
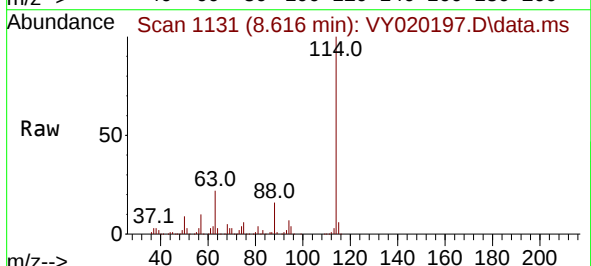
Tgt Ion: 114 Resp: 343319

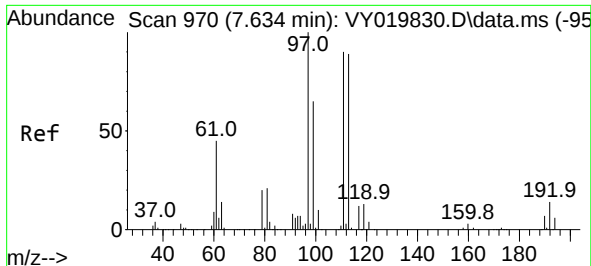
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.542 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

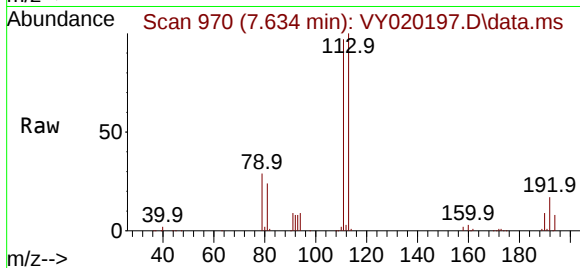
Lab File: VY020197.D

Acq: 07 Nov 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :



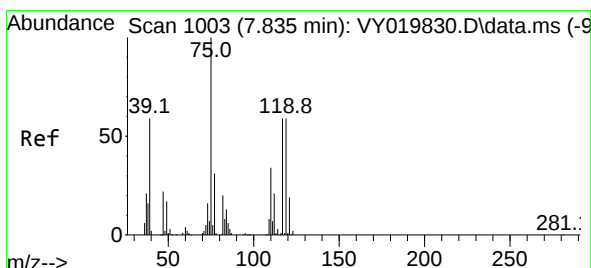
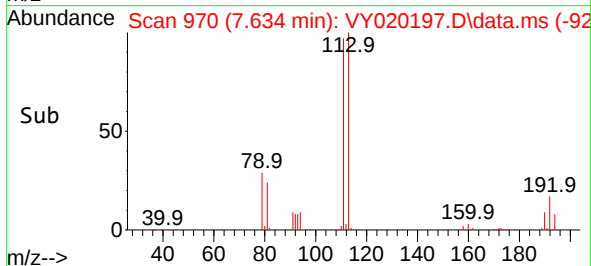
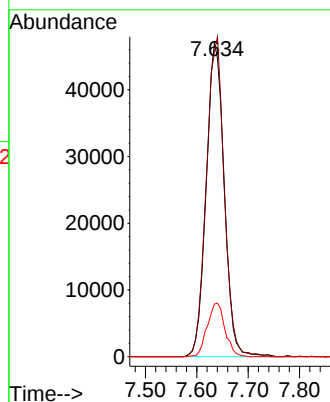
Tgt Ion:113 Resp: 114689

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 16.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020197.D

Acq: 07 Nov 2024 11:19

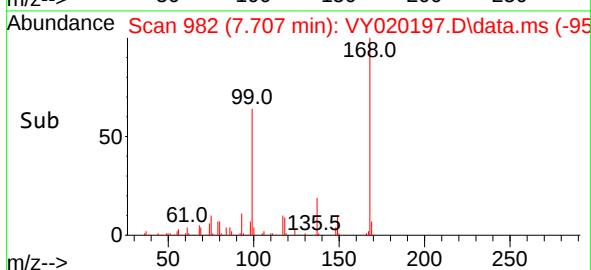
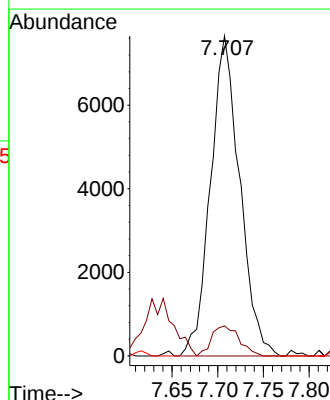
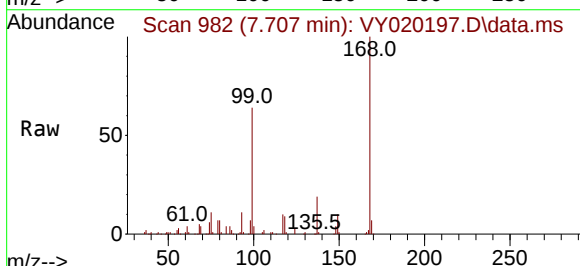
Tgt Ion: 75 Resp: 17022

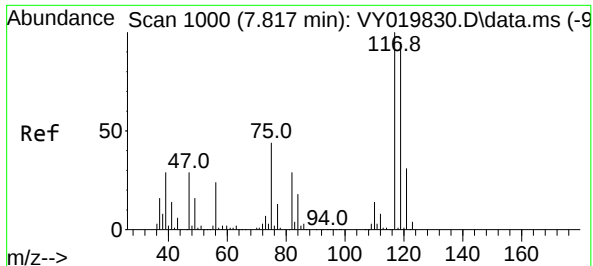
Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

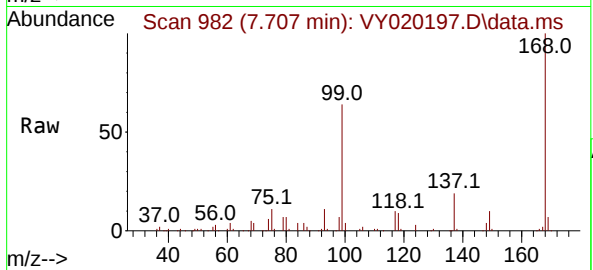
77 0.0 25.3 37.9#



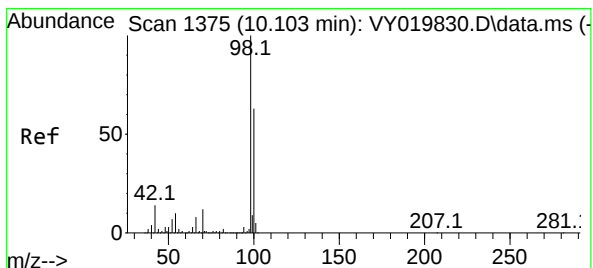
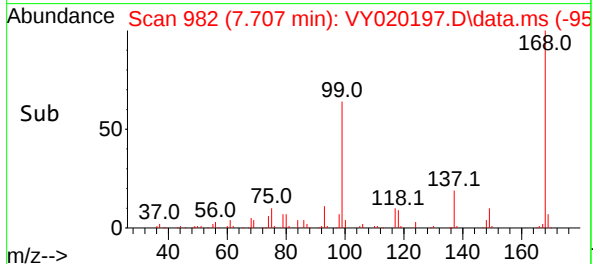
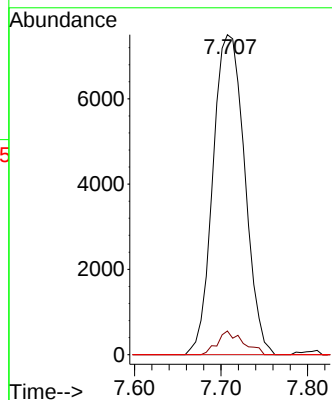


#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

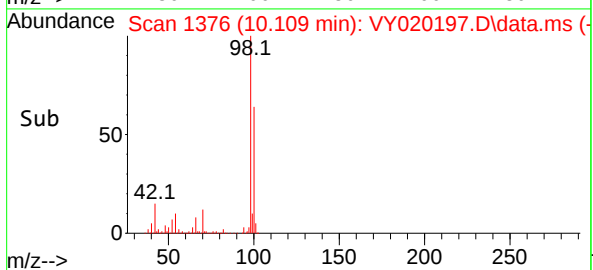
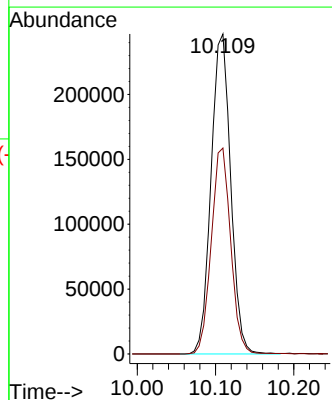
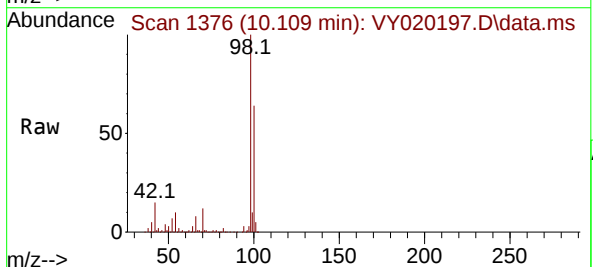


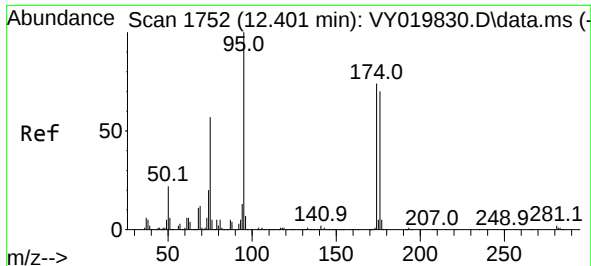
Tgt Ion:117 Resp: 19069
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion: 98 Resp: 429039
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

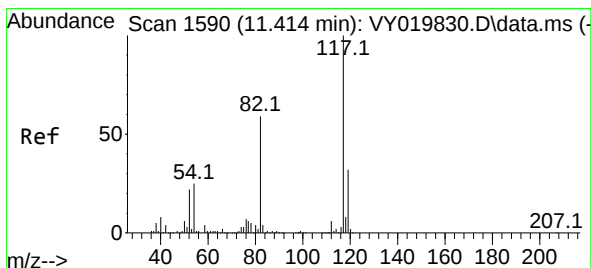
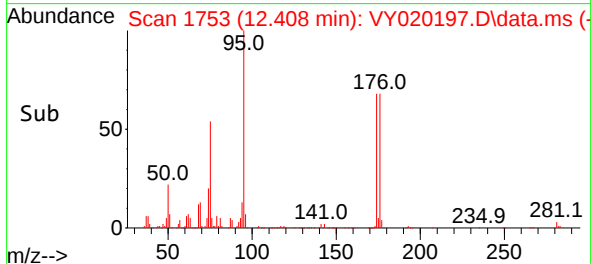
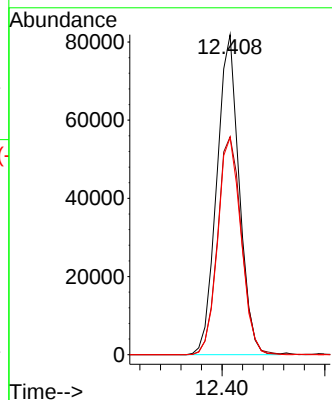
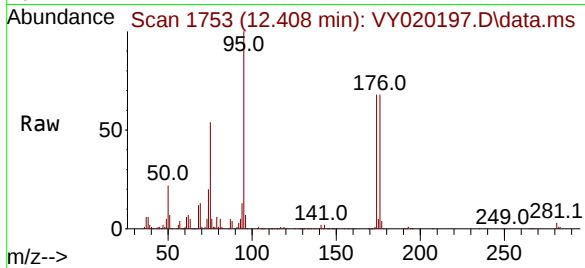




#62
4-Bromofluorobenzene
Concen: 43.844 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

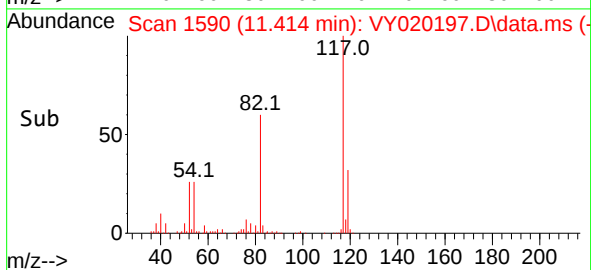
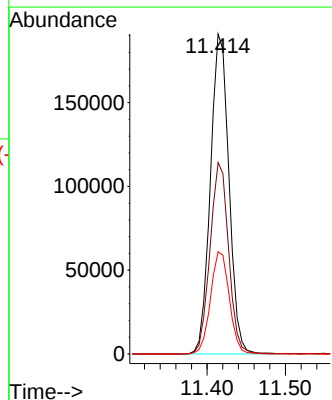
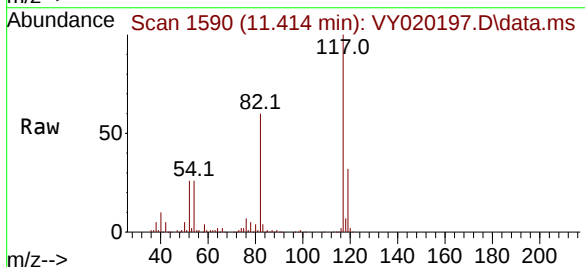
Instrument :
MSVOA_Y
ClientSampleId :

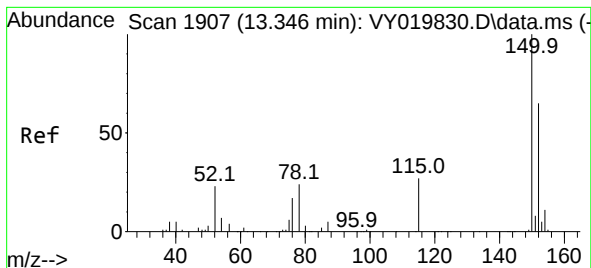
Tgt Ion: 95 Resp: 123735
Ion Ratio Lower Upper
95 100
174 72.6 0.0 175.6
176 70.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020197.D
Acq: 07 Nov 2024 11:19

Tgt Ion: 117 Resp: 313025
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020197.D

Acq: 07 Nov 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

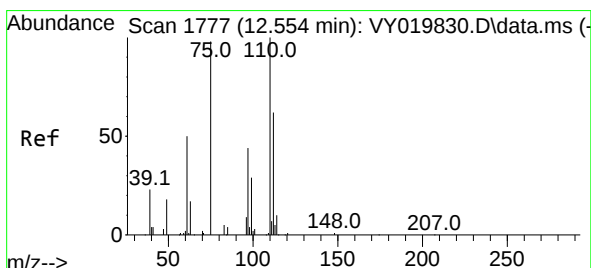
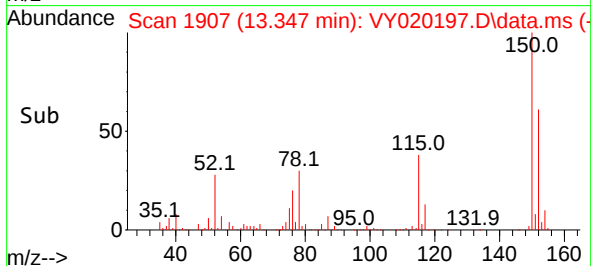
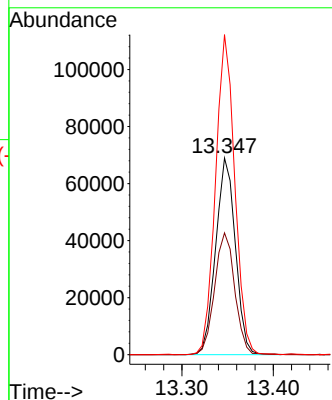
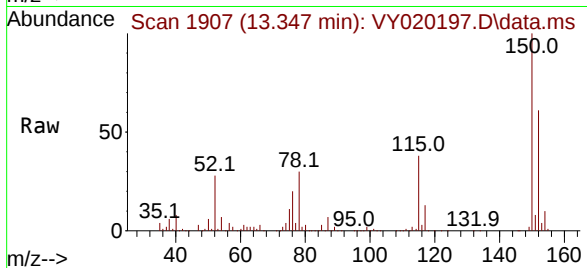
Tgt Ion:152 Resp: 103250

Ion Ratio Lower Upper

152 100

115 63.5 28.2 84.7

150 159.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 74.483 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020197.D

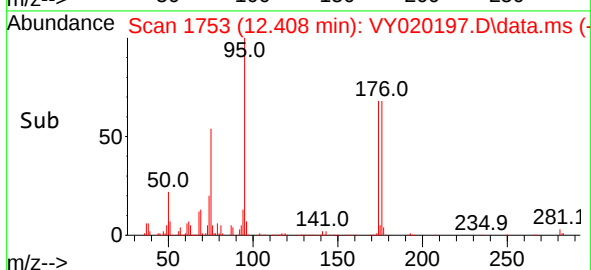
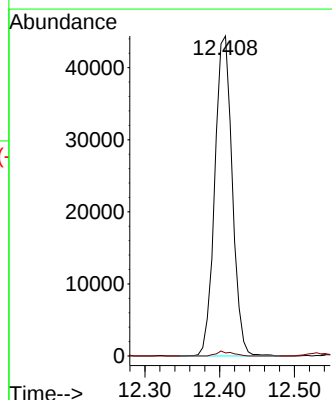
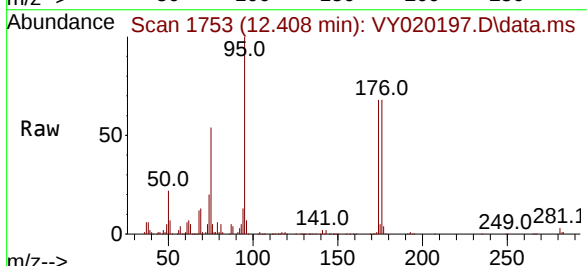
Acq: 07 Nov 2024 11:19

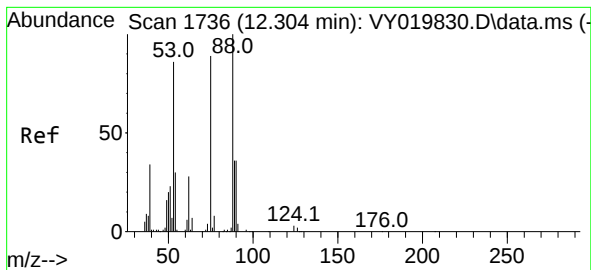
Tgt Ion: 75 Resp: 72089

Ion Ratio Lower Upper

75 100

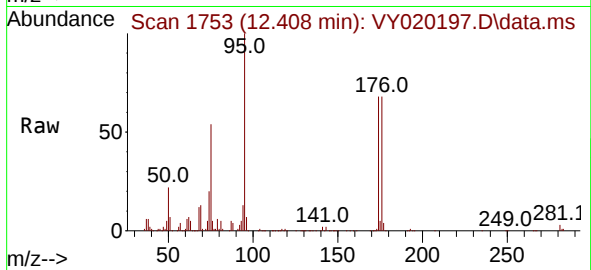
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.210 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020197.D
 Acq: 07 Nov 2024 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :



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

