

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019930.D
 Acq On : 17 Oct 2024 14:27
 Operator : SY/MD
 Sample : P4425-01
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:41:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

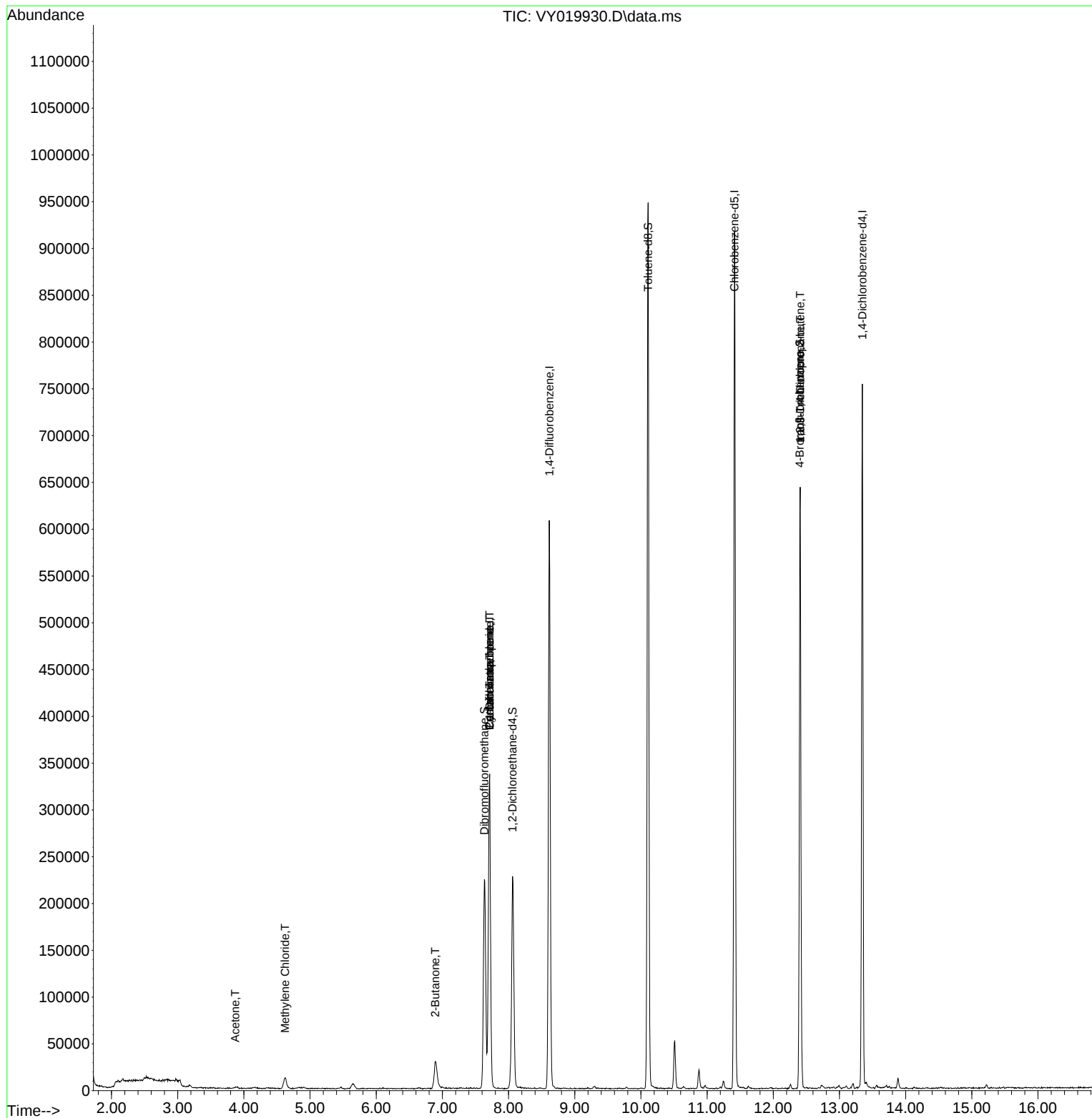
Internal Standards						
1) Pentafluorobenzene	7.713	168	229747	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	481757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	436614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	171408	60.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.180%	
35) Dibromofluoromethane	7.634	113	160024	50.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.109	98	587844	50.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.401	95	184106	43.401	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	274	Below Cal	#	88
16) Acetone	3.872	43	3090	4.196	ug/l #	66
20) Methylene Chloride	4.622	84	7567	2.007	ug/l #	81
25) 2-Butanone	6.890	43	2458	2.494	ug/l #	64
31) Cyclohexane	7.713	56	7433	1.573	ug/l #	46
36) 1,1-Dichloropropene	7.713	75	23503	5.132	ug/l #	47
38) Carbon Tetrachloride	7.713	117	26443	5.386	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	109201	34.654	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	109201	139.876	ug/l #	16

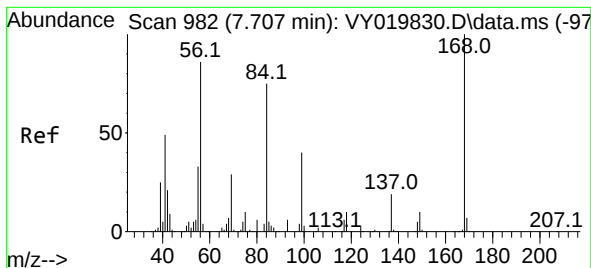
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 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: VY019930.D

Acq: 17 Oct 2024 14:27

Instrument :

MSVOA_Y

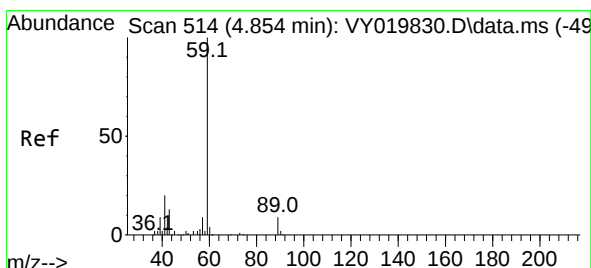
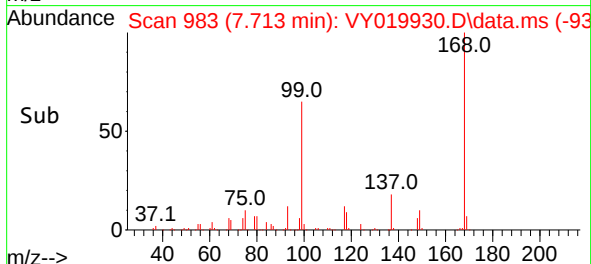
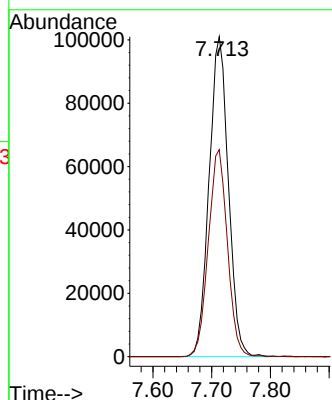
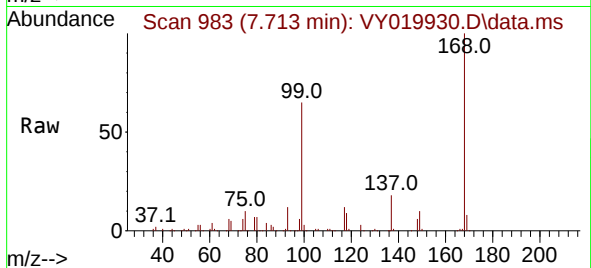
ClientSampleId :

Tgt Ion:168 Resp: 229747

Ion Ratio Lower Upper

168 100

99 64.7 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.872 min Scan# 517

Delta R.T. 0.012 min

Lab File: VY019930.D

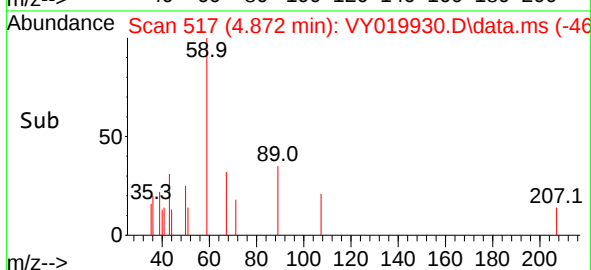
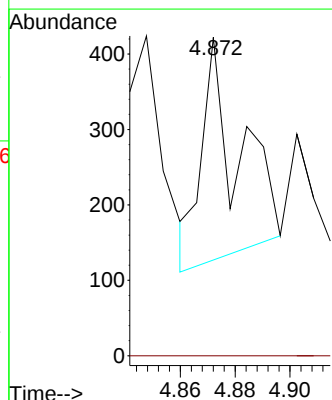
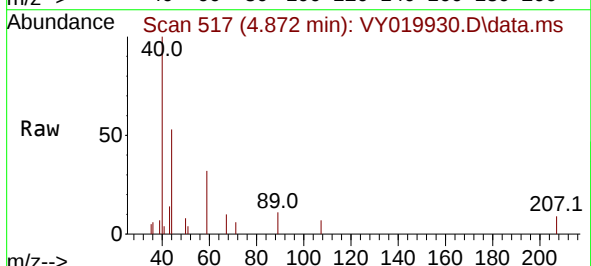
Acq: 17 Oct 2024 14:27

Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

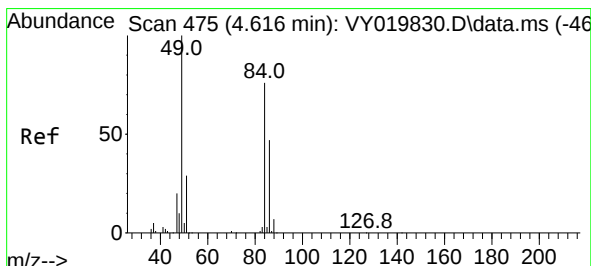
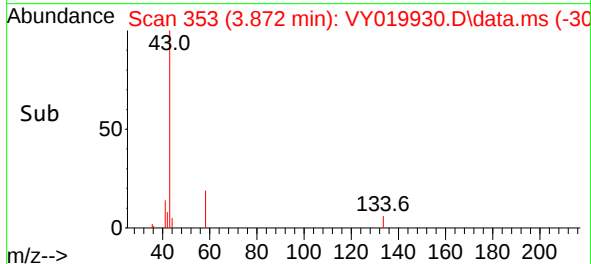
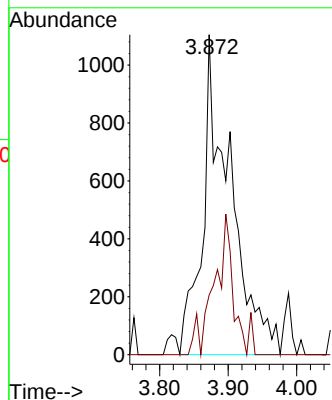
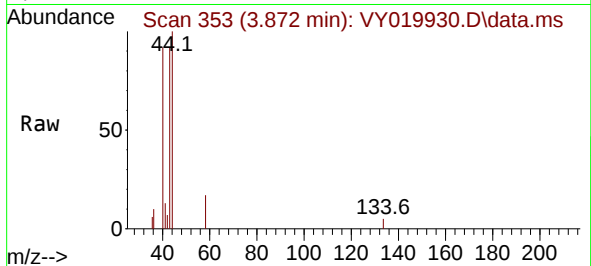




#16
Acetone
Concen: 4.196 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

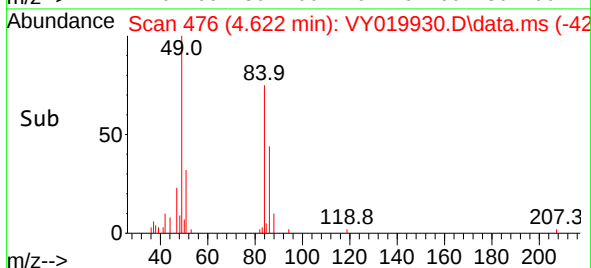
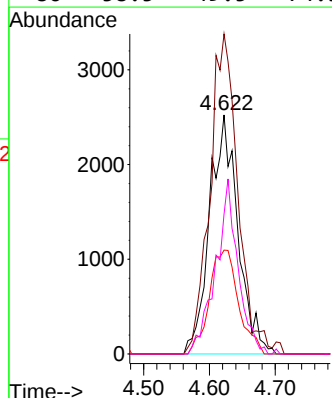
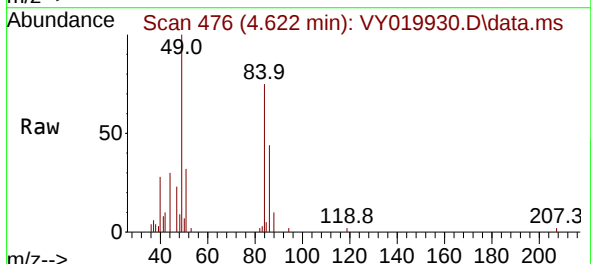
Instrument :
MSVOA_Y
ClientSampleId :

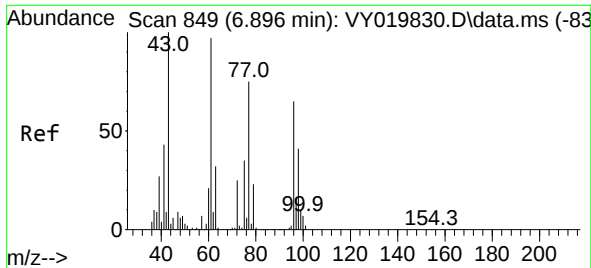
Tgt Ion: 43 Resp: 3090
Ion Ratio Lower Upper
43 100
58 18.6 31.7 47.5#



#20
Methylene Chloride
Concen: 2.007 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Tgt Ion: 84 Resp: 7567
Ion Ratio Lower Upper
84 100
49 133.9 84.4 126.6#
51 43.5 26.0 39.0#
86 58.5 49.5 74.3

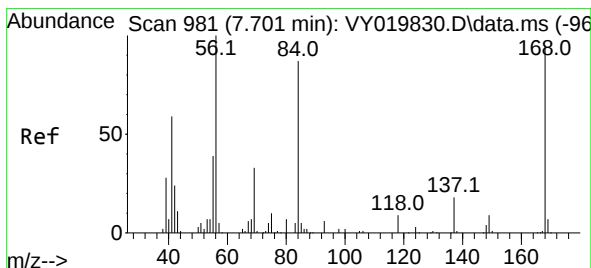
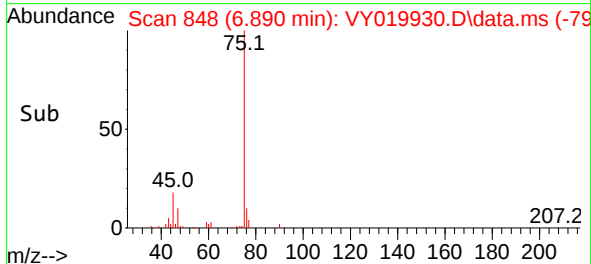
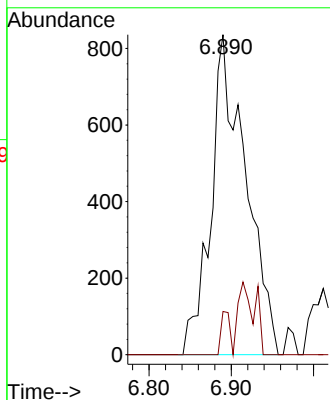
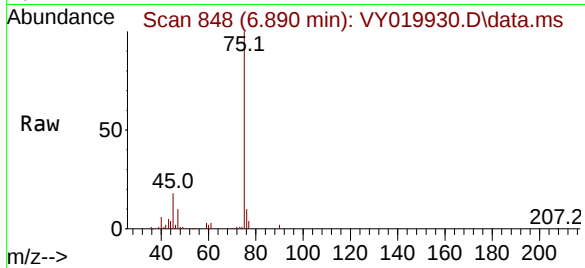




#25
2-Butanone
Concen: 2.494 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

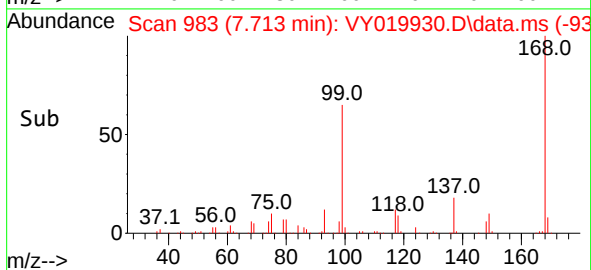
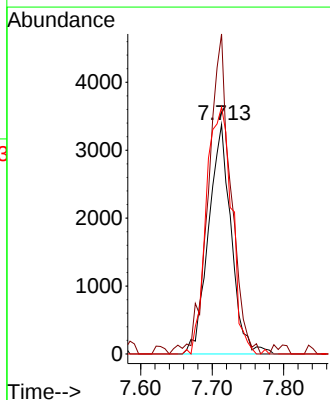
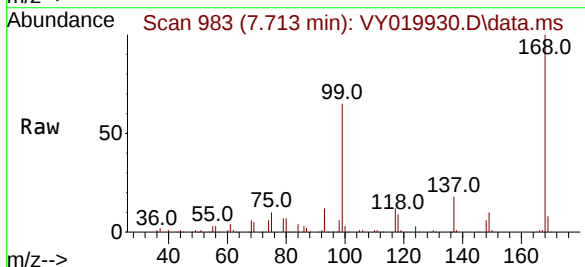
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2458
Ion Ratio Lower Upper
43 100
72 13.5 27.3 40.9#



#31
Cyclohexane
Concen: 1.573 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Tgt Ion: 56 Resp: 7433
Ion Ratio Lower Upper
56 100
69 137.5 28.7 43.1#
84 107.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 60.593 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019930.D

Acq: 17 Oct 2024 14:27

Instrument :

MSVOA_Y

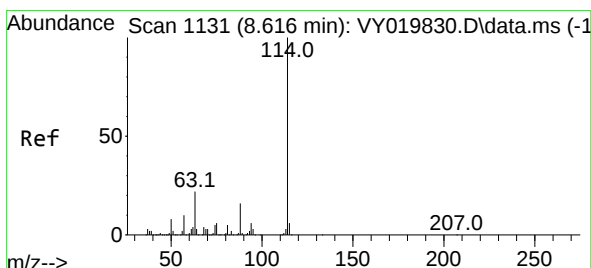
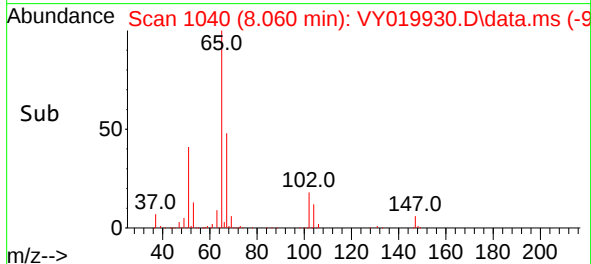
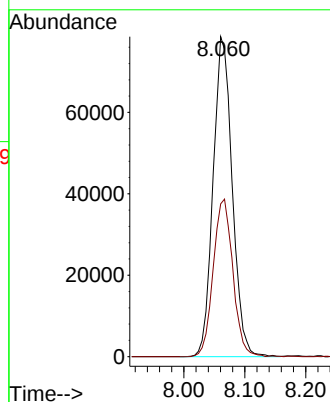
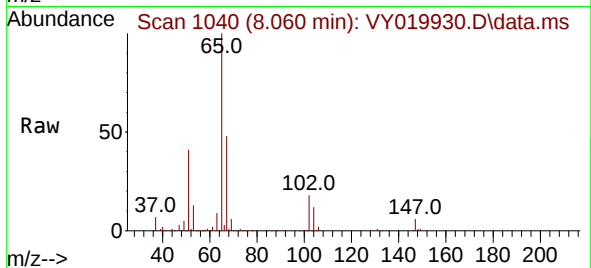
ClientSampleId :

Tgt Ion: 65 Resp: 171408

Ion Ratio Lower Upper

65 100

67 50.6 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: VY019930.D

Acq: 17 Oct 2024 14:27

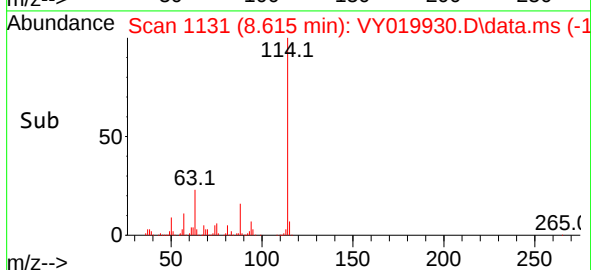
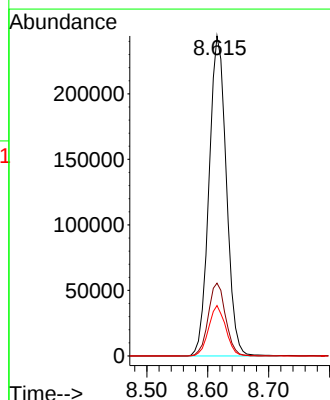
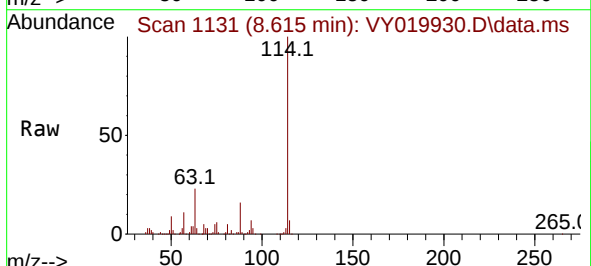
Tgt Ion:114 Resp: 481757

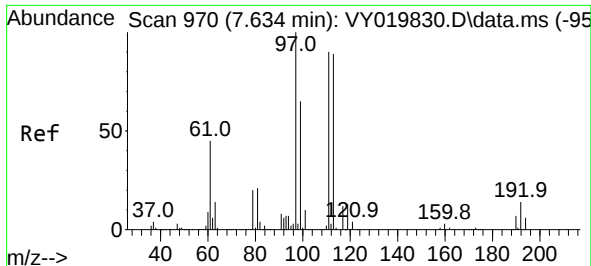
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

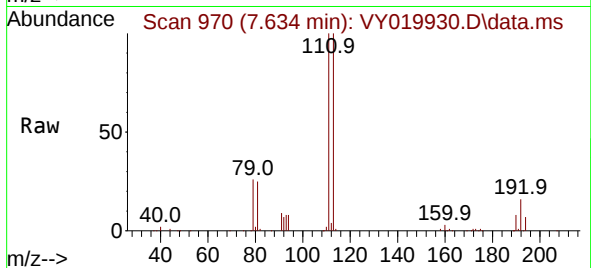
88 15.7 0.0 27.2



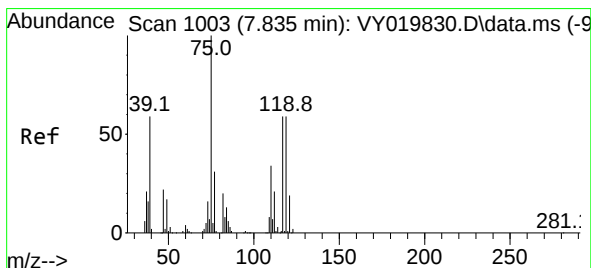
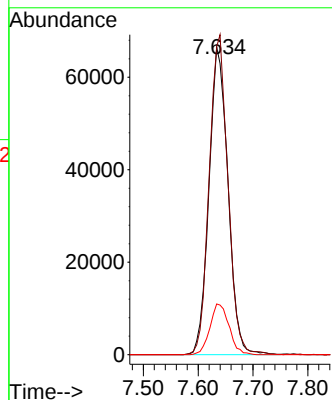
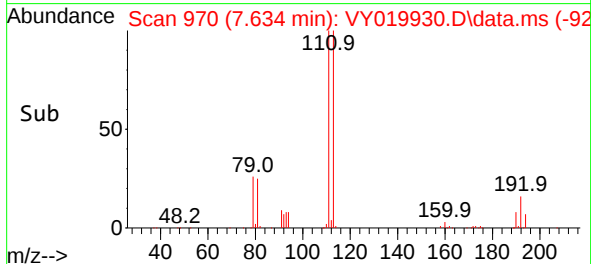


#35
Dibromofluoromethane
Concen: 50.337 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

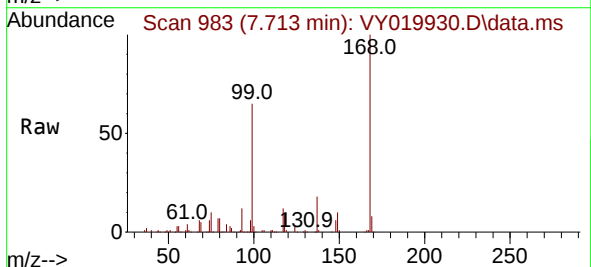
Instrument :
MSVOA_Y
ClientSampleId :



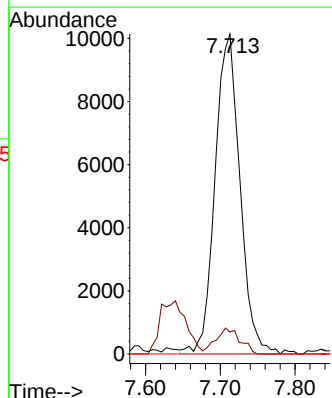
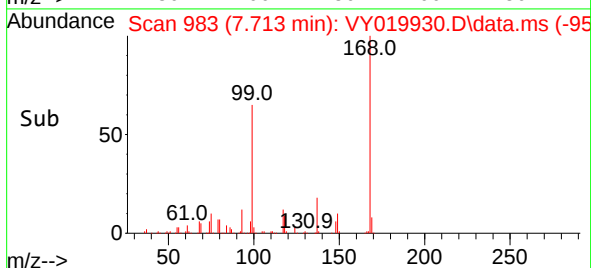
Tgt Ion:113 Resp: 160024
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.6 15.9 23.9

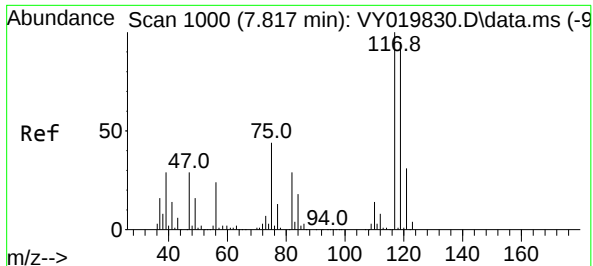


#36
1,1-Dichloropropene
Concen: 5.132 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27



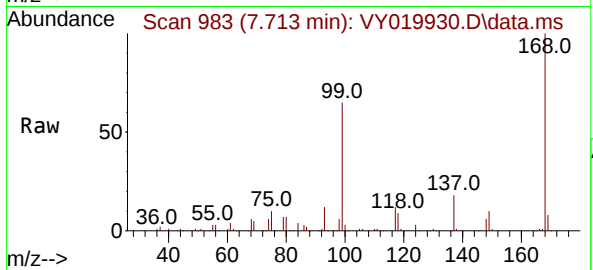
Tgt Ion: 75 Resp: 23503
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#



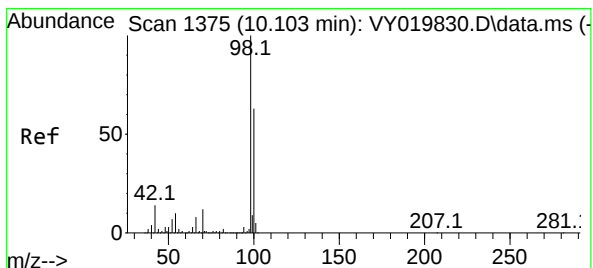
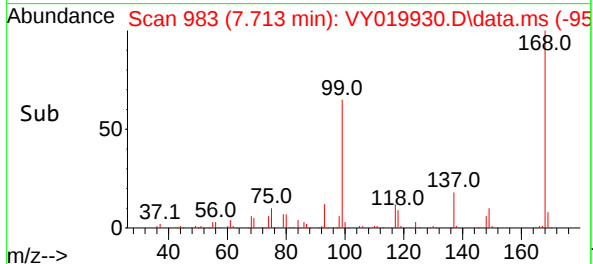
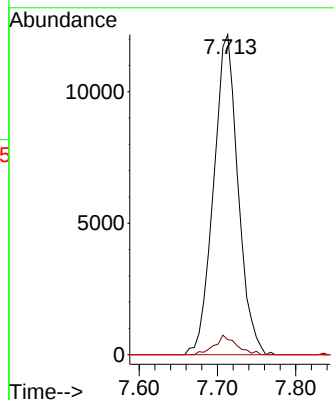


#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :

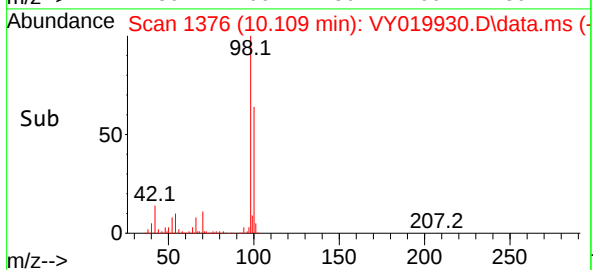
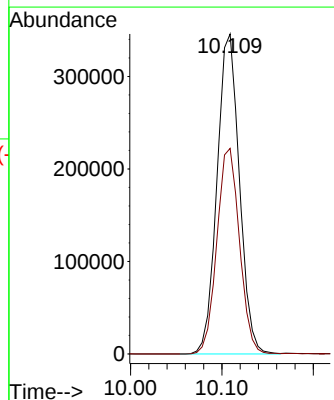
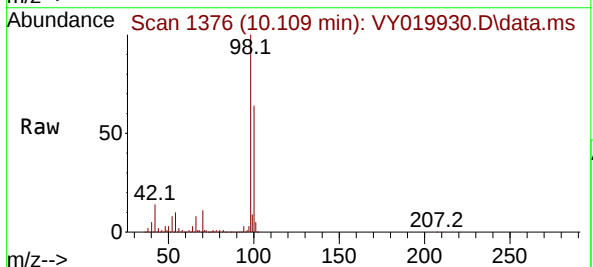


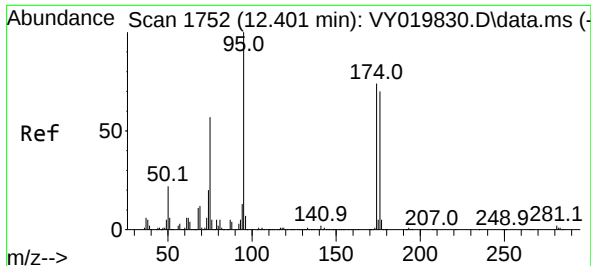
Tgt Ion:117 Resp: 26443
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.073 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Tgt Ion: 98 Resp: 587844
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

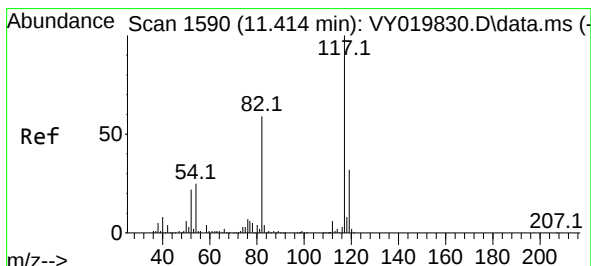
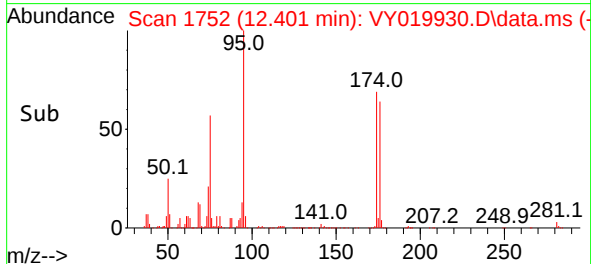
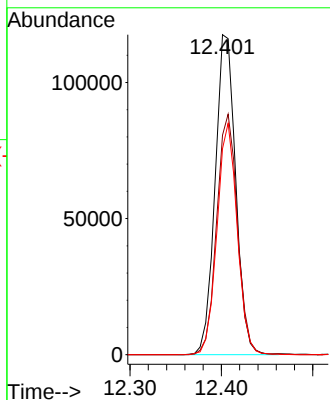
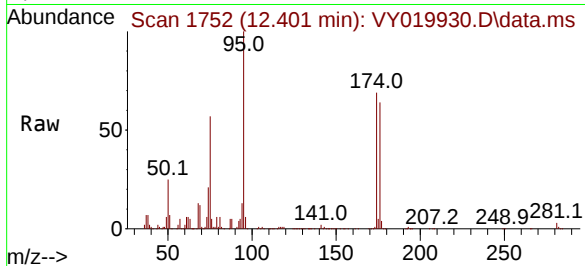




#62
4-Bromofluorobenzene
Concen: 43.401 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

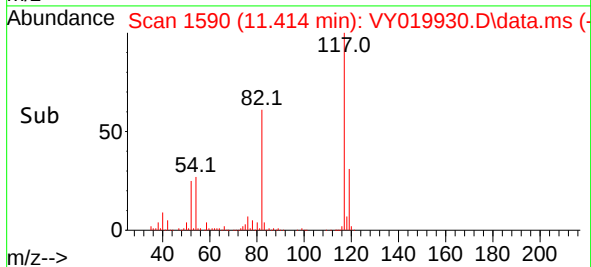
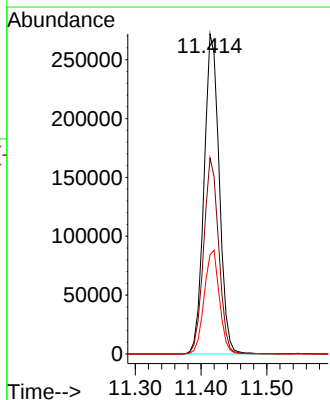
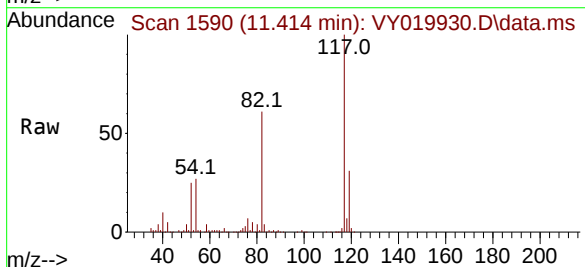
Instrument :
MSVOA_Y
ClientSampleId :

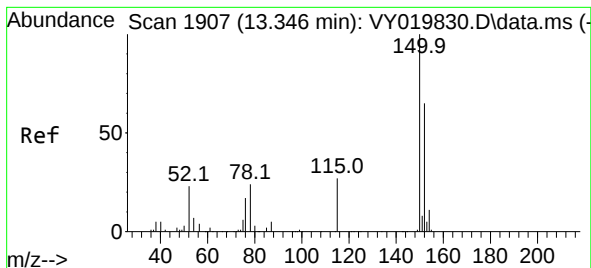
Tgt Ion: 95 Resp: 184106
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 70.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Tgt Ion: 117 Resp: 436614
Ion Ratio Lower Upper
117 100
82 61.3 42.4 63.6
119 31.0 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: VY019930.D

Acq: 17 Oct 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

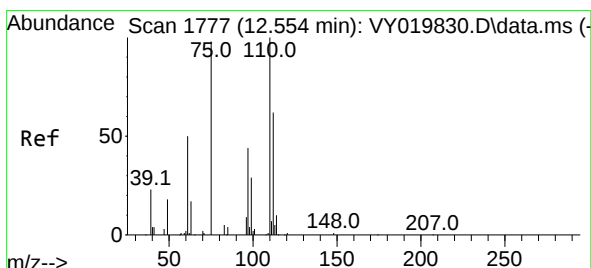
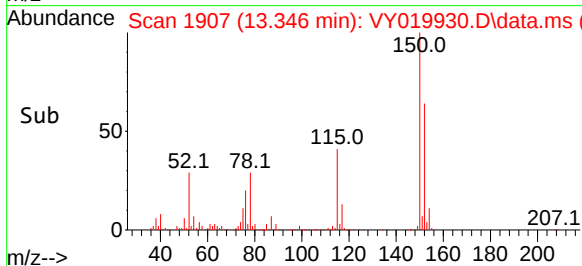
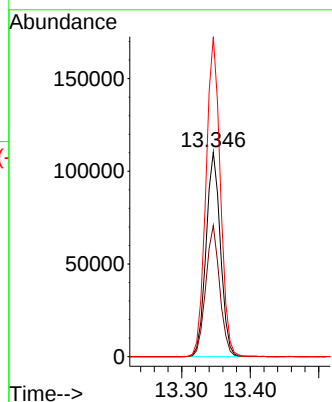
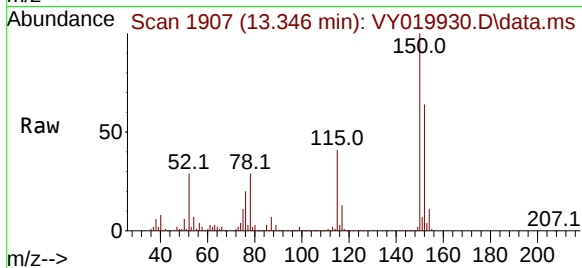
Tgt Ion:152 Resp: 160858

Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.654 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019930.D

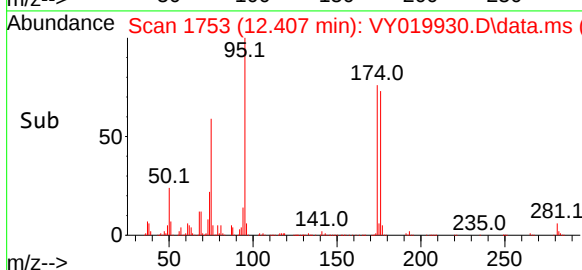
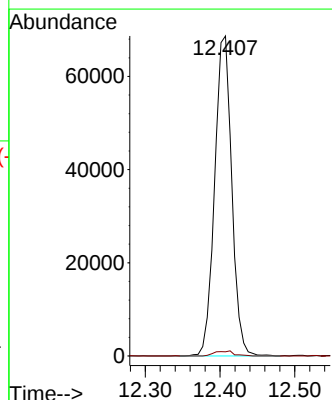
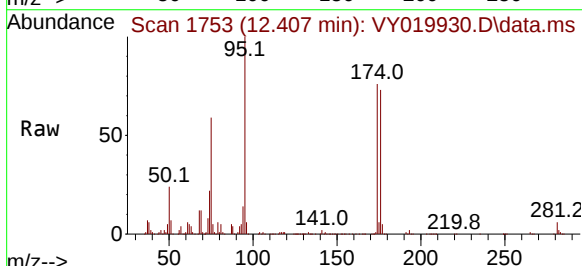
Acq: 17 Oct 2024 14:27

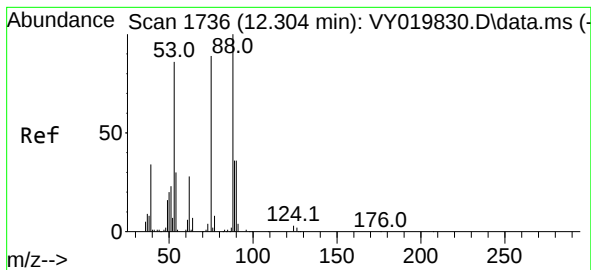
Tgt Ion: 75 Resp: 109201

Ion Ratio Lower Upper

75 100

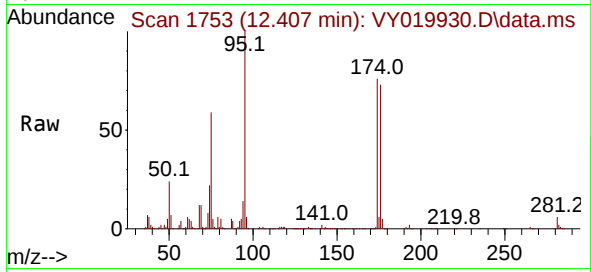
77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.876 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019930.D
Acq: 17 Oct 2024 14:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	35.8	53.6#

