

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020039.D
 Acq On : 28 Oct 2024 15:15
 Operator : SY/MD
 Sample : P4574-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:58:39 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)

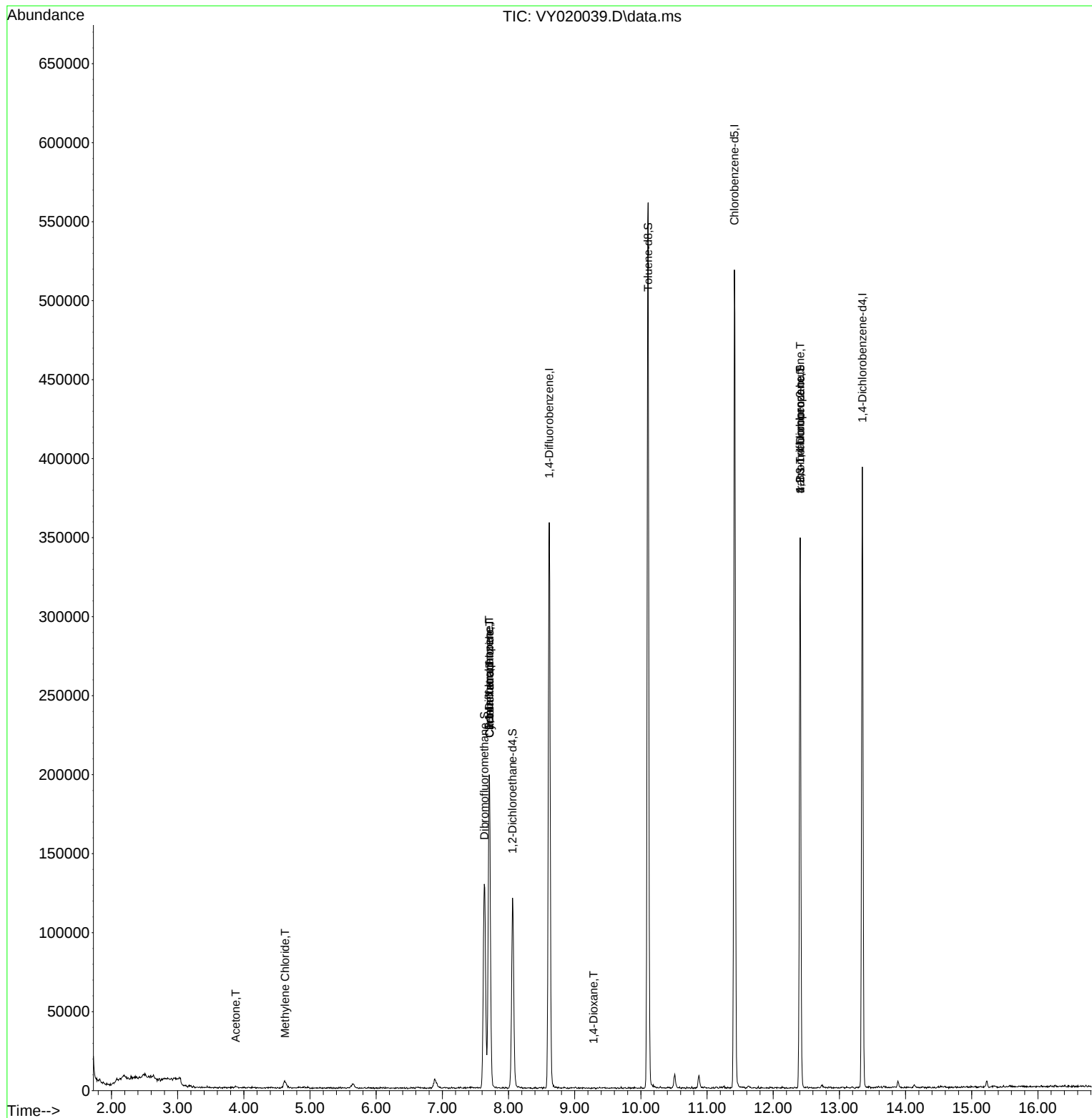
Internal Standards						
1) Pentafluorobenzene	7.707	168	137514	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	286119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	85077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93145	55.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.020%
35) Dibromofluoromethane	7.634	113	94378	49.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.109	98	350289	50.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.408	95	103909	41.245	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.480%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.879	59	52	Below Cal	#	88
16) Acetone	3.879	43	1929	4.376	ug/l #	57
20) Methylene Chloride	4.623	84	2933	1.011	ug/l #	74
31) Cyclohexane	7.713	56	4448	1.572	ug/l #	46
36) 1,1-Dichloropropene	7.707	75	13872	5.100	ug/l #	48
38) Carbon Tetrachloride	7.713	117	16231	5.566	ug/l #	17
49) 1,4-Dioxane	9.286	88	29	2.302	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	60641	36.385	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	60641	146.863	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
Data File : VY020039.D
Acq On : 28 Oct 2024 15:15
Operator : SY/MD
Sample : P4574-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 29 01:58:39 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

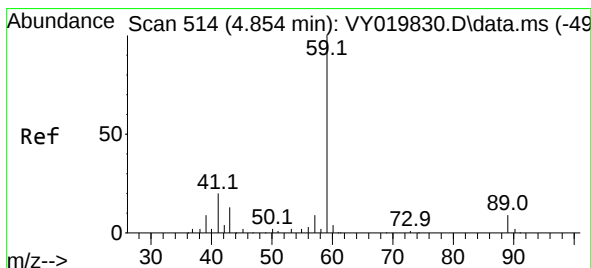
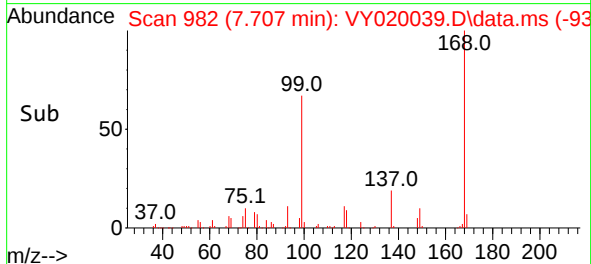
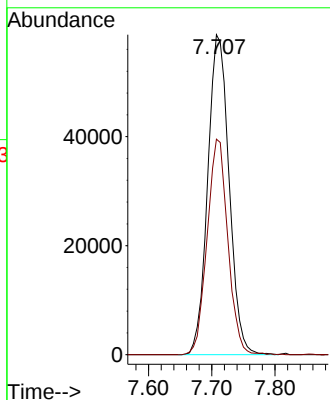
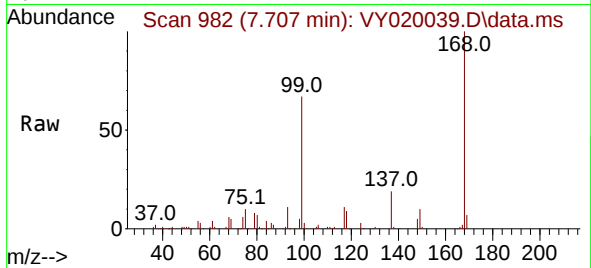




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

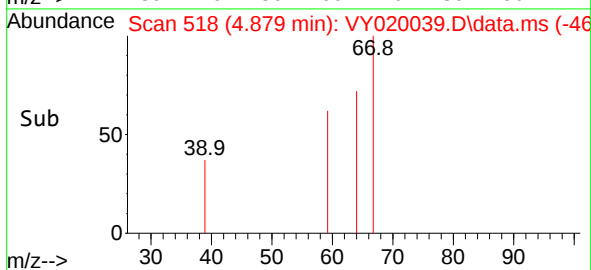
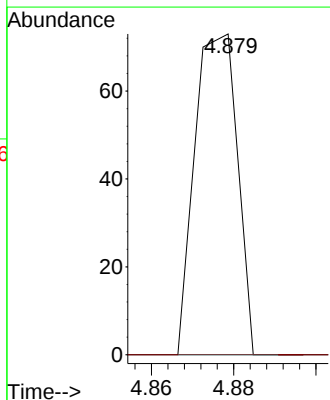
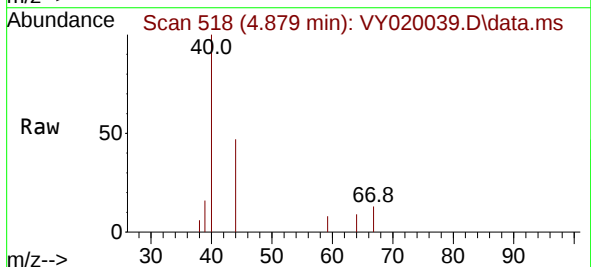
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 137514
Ion Ratio Lower Upper
168 100
99 67.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.879 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.376 ug/l

RT: 3.879 min Scan# 31

Delta R.T. 0.007 min

Lab File: VY020039.D

Acq: 28 Oct 2024 15:15

Instrument :

MSVOA_Y

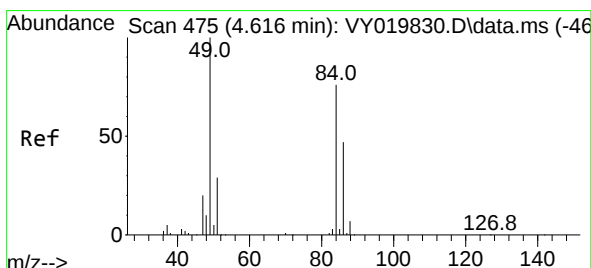
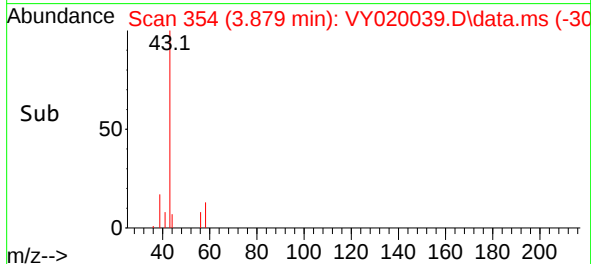
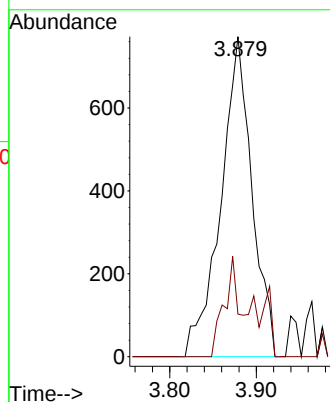
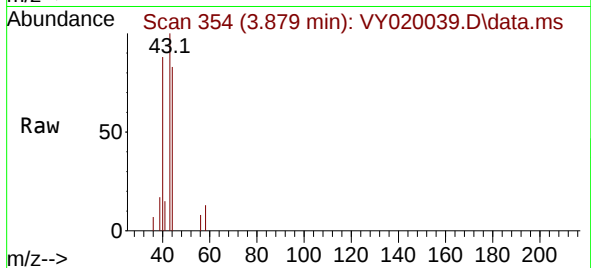
ClientSampleId :

Tgt Ion: 43 Resp: 1929

Ion Ratio Lower Upper

43 100

58 13.3 31.7 47.5#



#20

Methylene Chloride

Concen: 1.011 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.007 min

Lab File: VY020039.D

Acq: 28 Oct 2024 15:15

Tgt Ion: 84 Resp: 2933

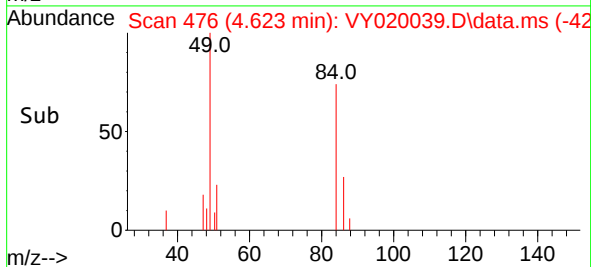
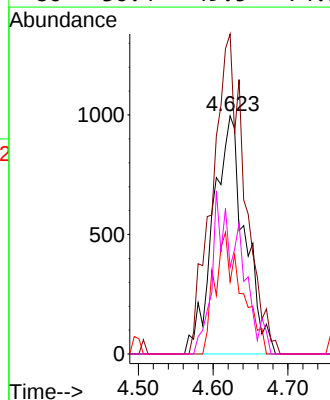
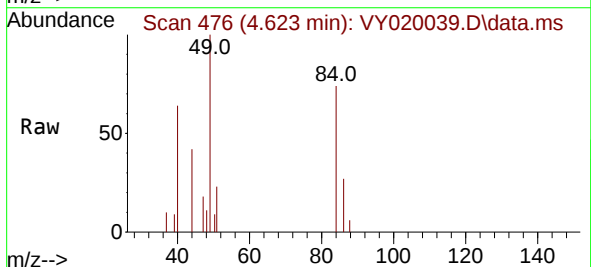
Ion Ratio Lower Upper

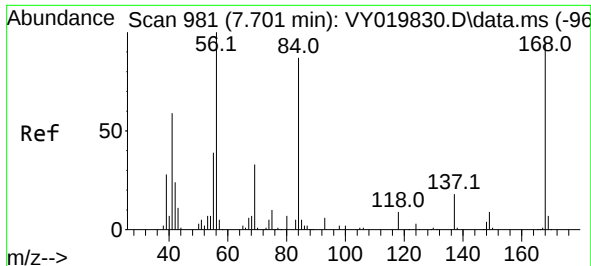
84 100

49 134.4 84.4 126.6#

51 30.3 26.0 39.0

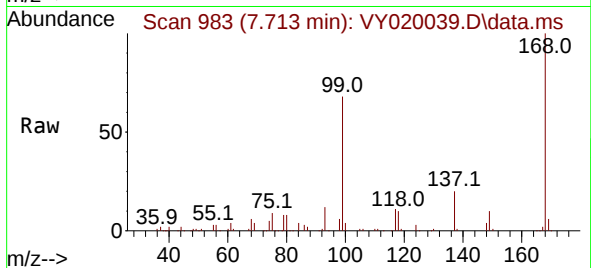
86 36.4 49.5 74.3#



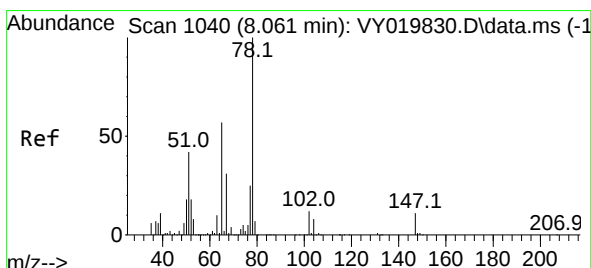
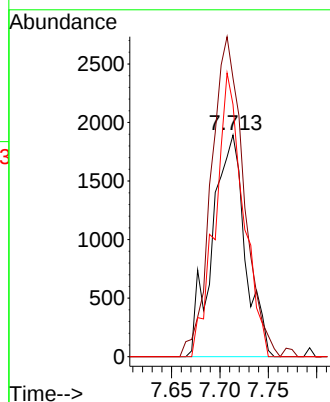
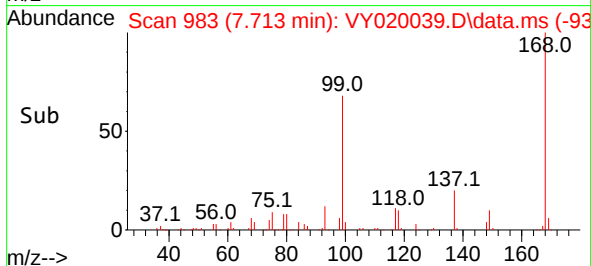


#31
Cyclohexane
Concen: 1.572 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

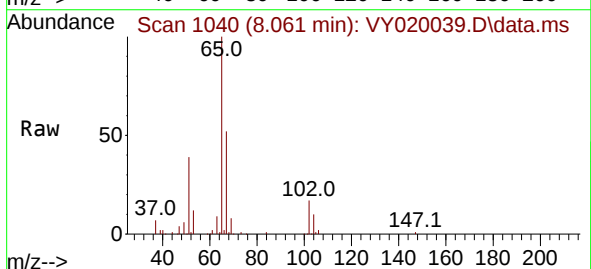
Instrument :
MSVOA_Y
ClientSampleId :



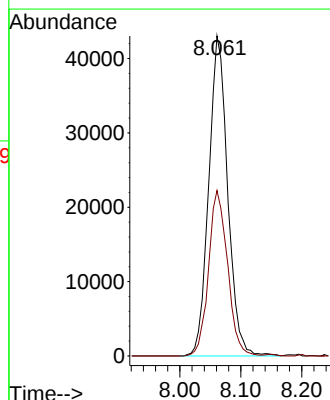
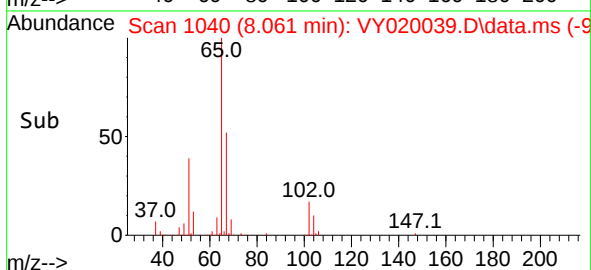
Tgt Ion: 56 Resp: 4448
Ion Ratio Lower Upper
56 100
69 125.7 28.7 43.1#
84 113.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.011 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15



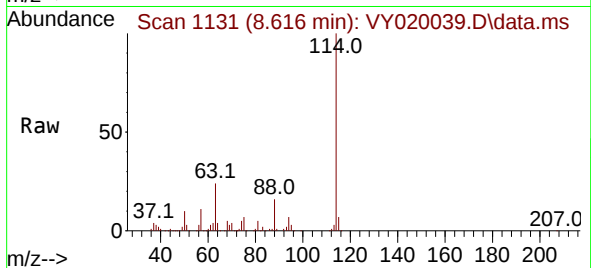
Tgt Ion: 65 Resp: 93145
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6



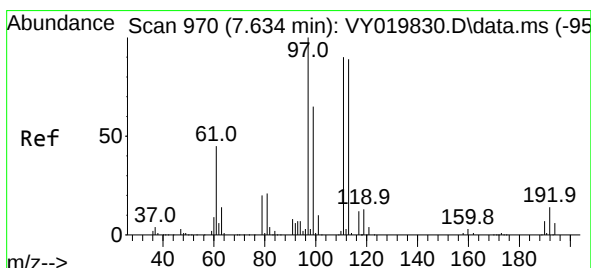
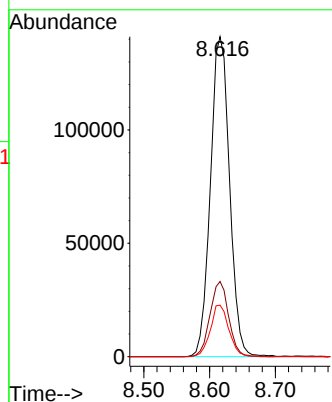
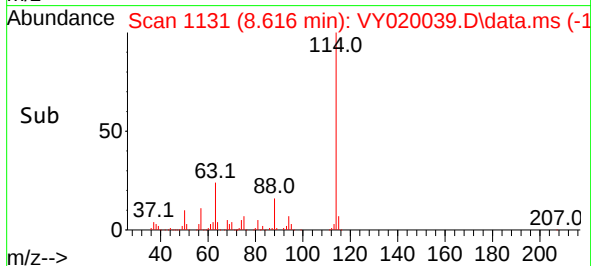


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :

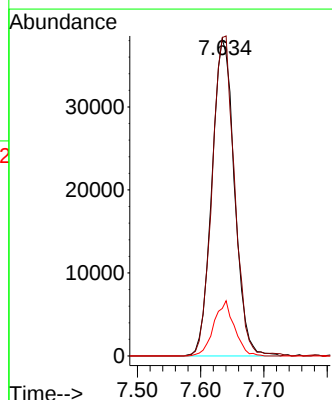
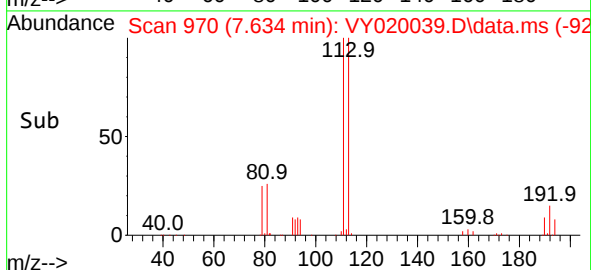
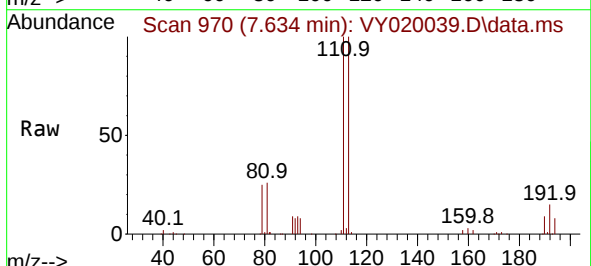


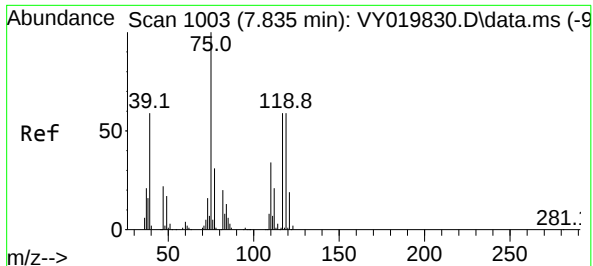
Tgt Ion:114 Resp: 286119
Ion Ratio Lower Upper
114 100
63 23.5 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Tgt Ion:113 Resp: 94378
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 15.9 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.100 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

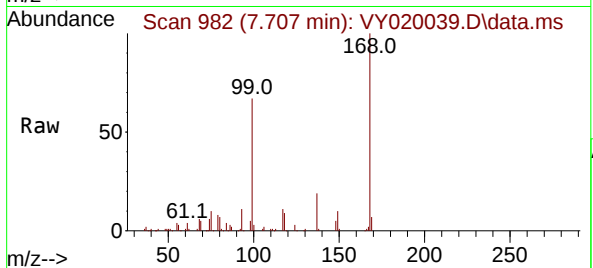
Lab File: VY020039.D

Acq: 28 Oct 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :



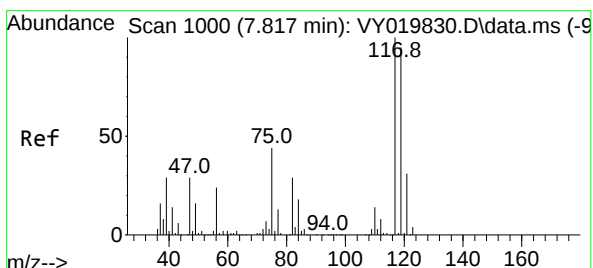
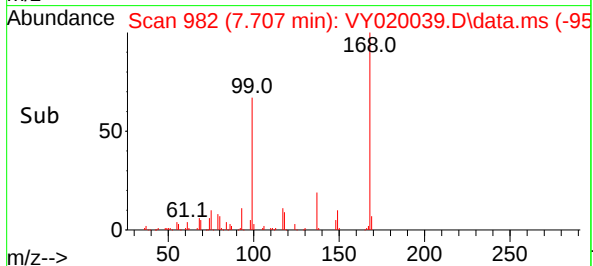
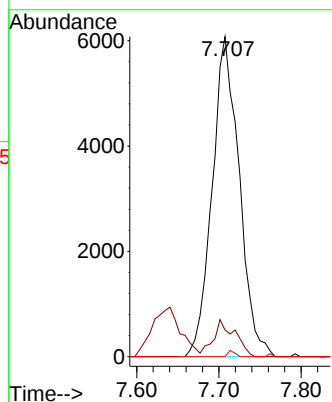
Tgt Ion: 75 Resp: 13872

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.5 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.566 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020039.D

Acq: 28 Oct 2024 15:15

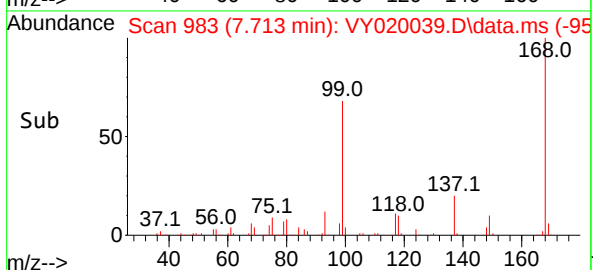
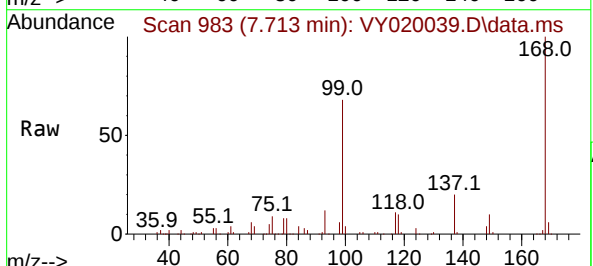
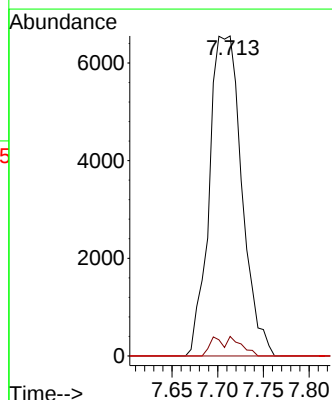
Tgt Ion: 117 Resp: 16231

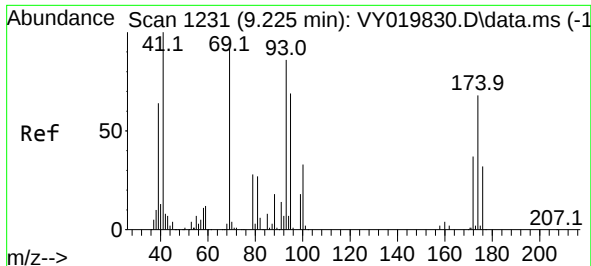
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.302 ug/l

RT: 9.286 min Scan# 11

Delta R.T. 0.055 min

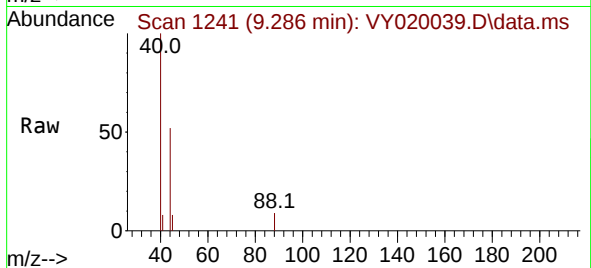
Lab File: VY020039.D

Acq: 28 Oct 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :



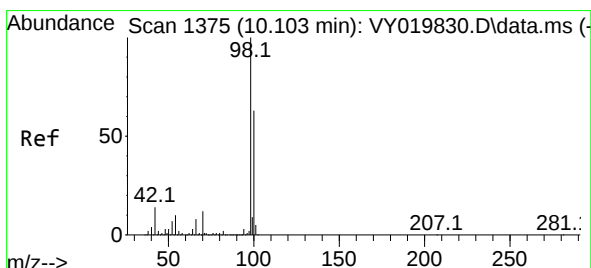
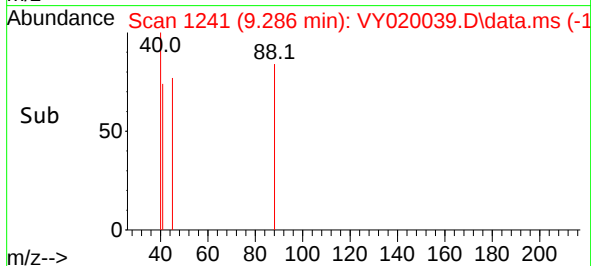
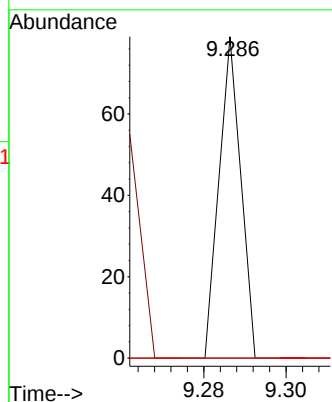
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.239 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020039.D

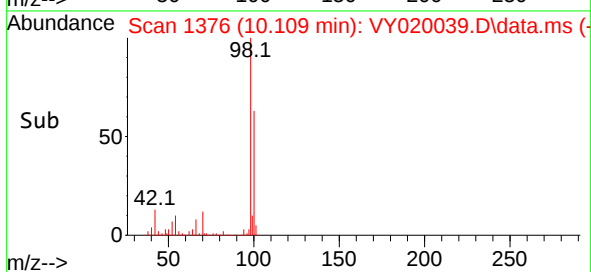
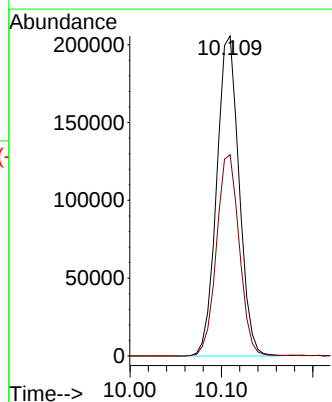
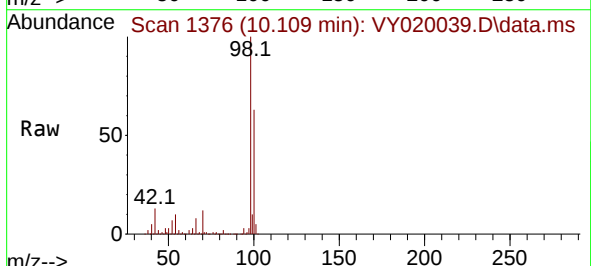
Acq: 28 Oct 2024 15:15

Tgt Ion: 98 Resp: 350289

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

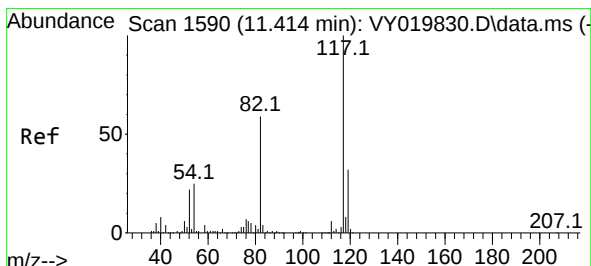
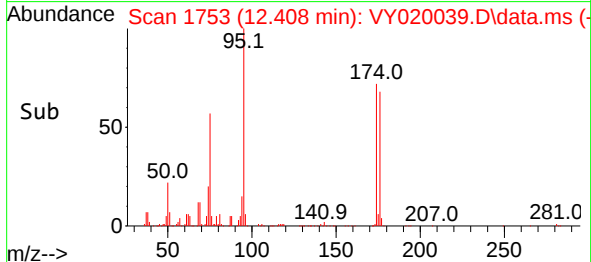
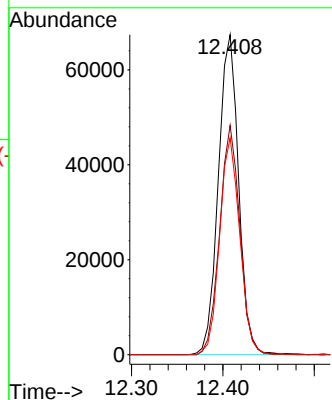
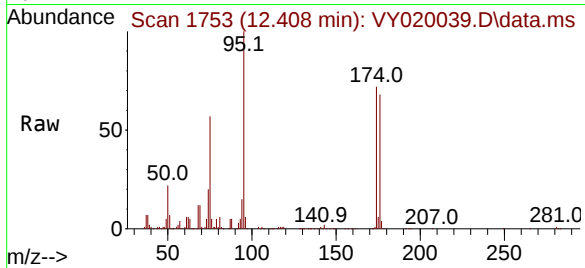




#62
4-Bromofluorobenzene
Concen: 41.245 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

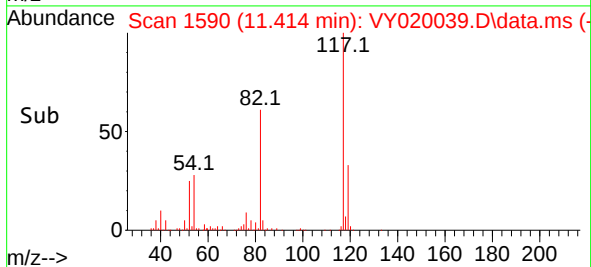
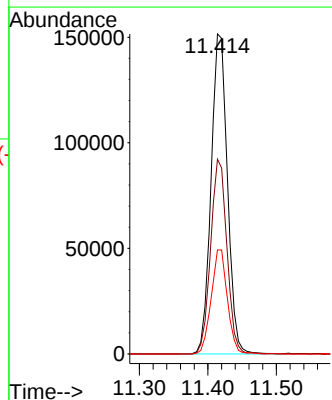
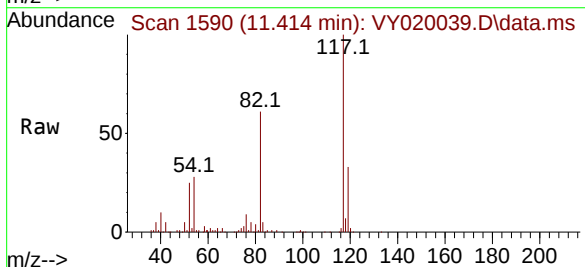
Instrument :
MSVOA_Y
ClientSampleId :

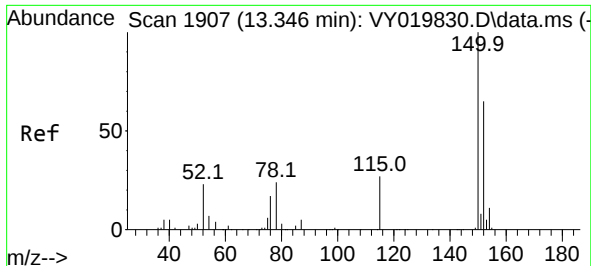
Tgt Ion: 95 Resp: 103909
Ion Ratio Lower Upper
95 100
174 71.8 0.0 175.6
176 67.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

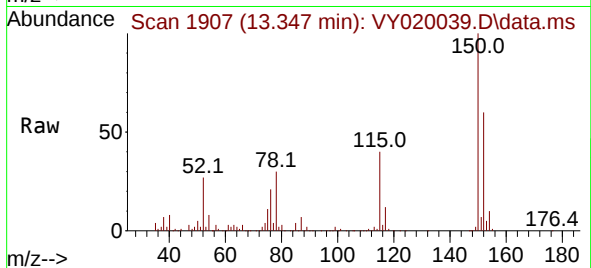
Tgt Ion: 117 Resp: 251393
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.5 25.9 38.9



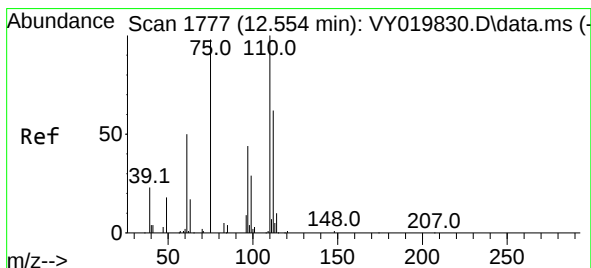
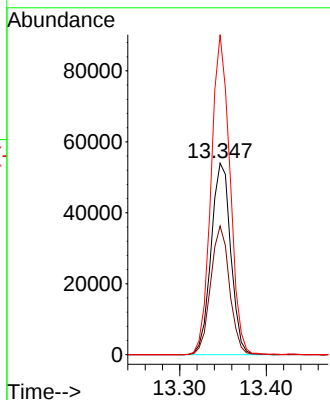
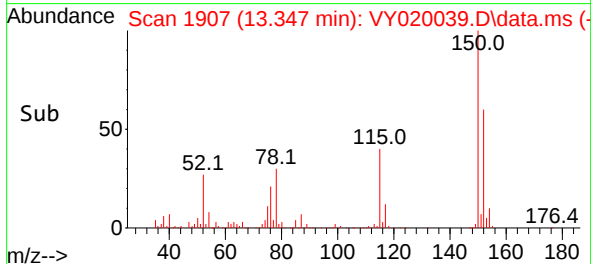


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :

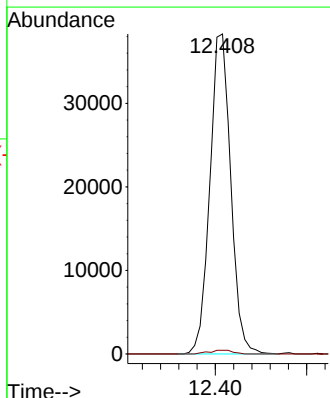
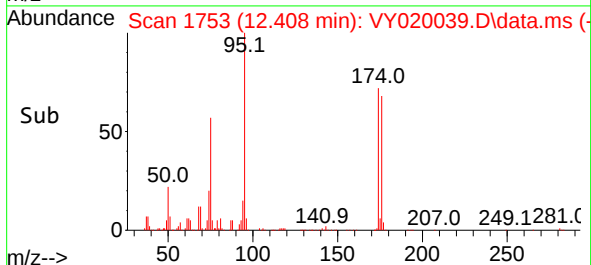
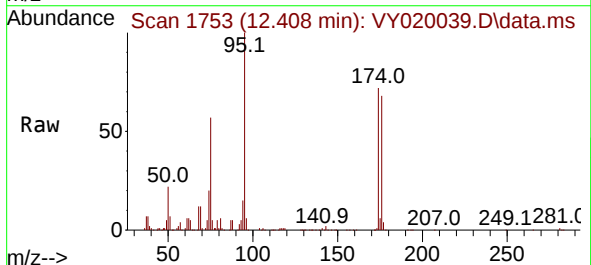


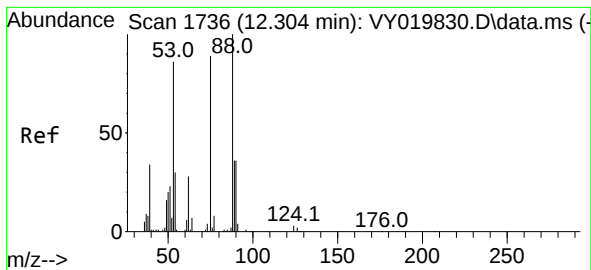
Tgt Ion:152 Resp: 85077
Ion Ratio Lower Upper
152 100
115 64.6 28.2 84.7
150 160.3 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 36.385 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

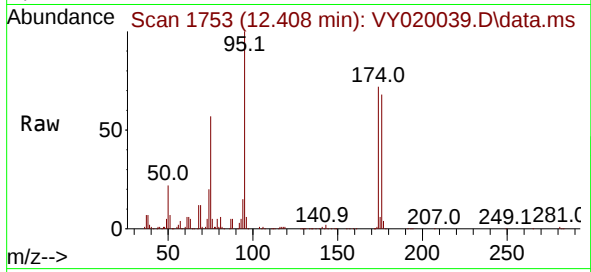
Tgt Ion: 75 Resp: 60641
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.863 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020039.D
Acq: 28 Oct 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :



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

