

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011065.D
 Acq On : 24 Oct 2022 13:43
 Operator : KP/MD
 Sample : N5217-19
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-E1-7.5-8.0

Quant Time: Oct 25 05:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

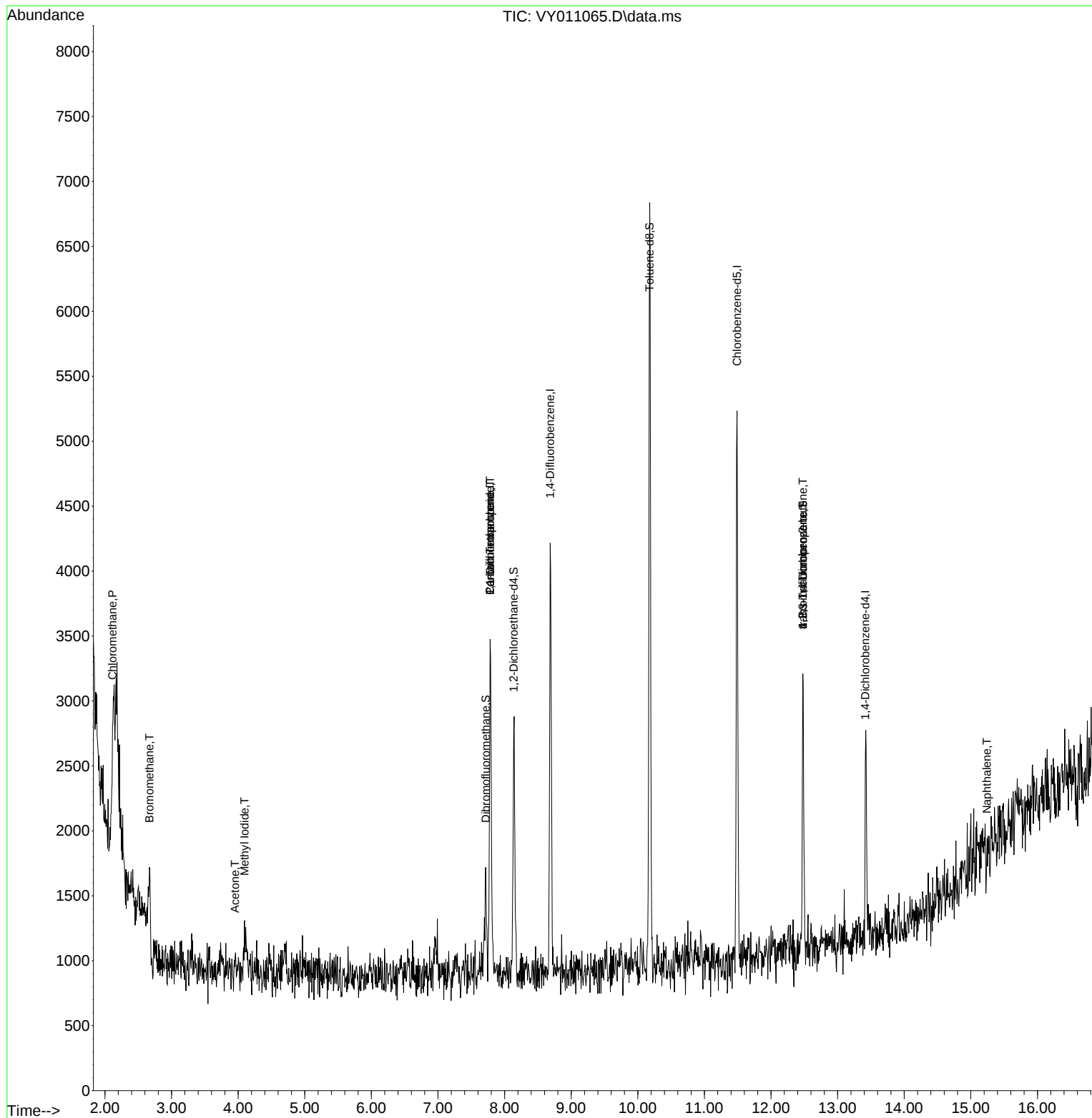
Internal Standards						
1) Pentafluorobenzene	7.783	168	2240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1503	72.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.680%	
35) Dibromofluoromethane	7.716	113	753	36.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.520%	
50) Toluene-d8	10.179	98	4425	58.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.120%	
62) 4-Bromofluorobenzene	12.477	95	756	26.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 53.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	153	7.178	ug/l #	44
5) Bromomethane	2.668	94	141	8.438	ug/l #	59
10) Methyl Iodide	4.095	142	621	22.879	ug/l #	43
16) Acetone	3.954	43	78	13.017	ug/l #	47
20) Methylene Chloride	4.704	84	152	Below Cal	#	30
36) 1,1-Dichloropropene	7.783	75	137	4.067	ug/l #	42
38) Carbon Tetrachloride	7.783	117	143	4.112	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	422	68.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	422	147.224	ug/l #	7
95) Naphthalene	15.239	128	30	1.497	ug/l #	69

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

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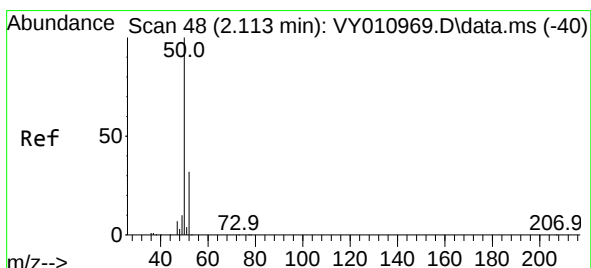
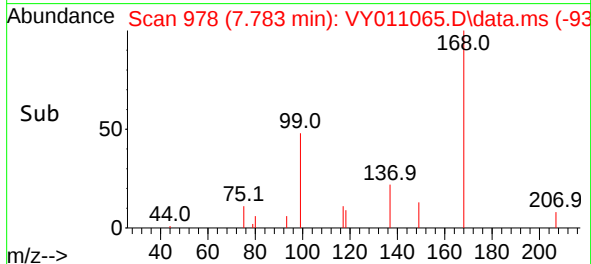
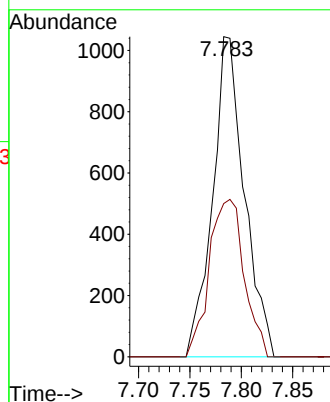
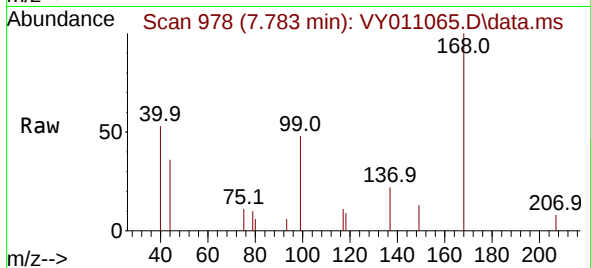




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

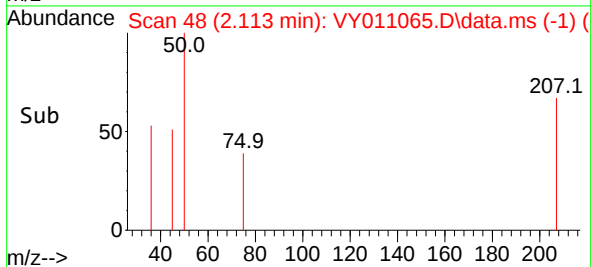
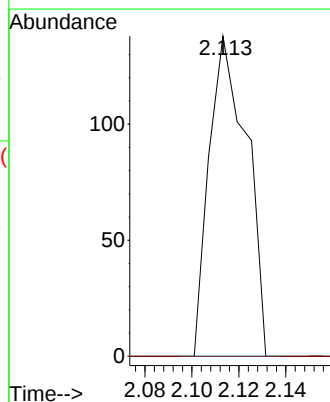
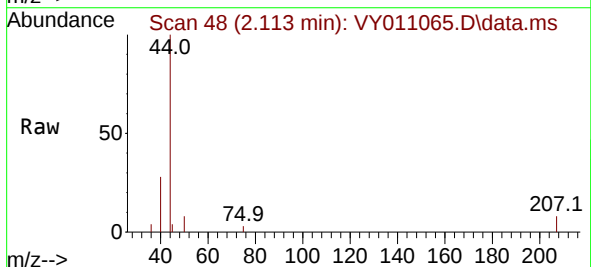
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

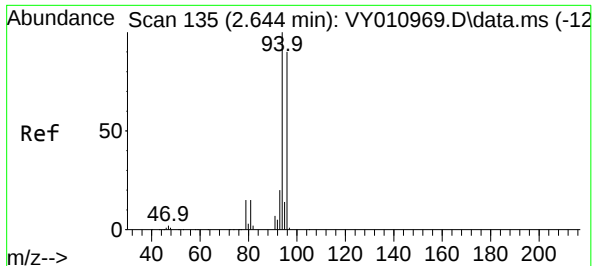
Tgt Ion:168 Resp: 2240
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#3
Chloromethane
Concen: 7.178 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion: 50 Resp: 153
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

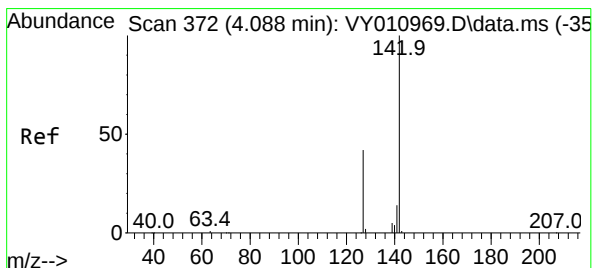
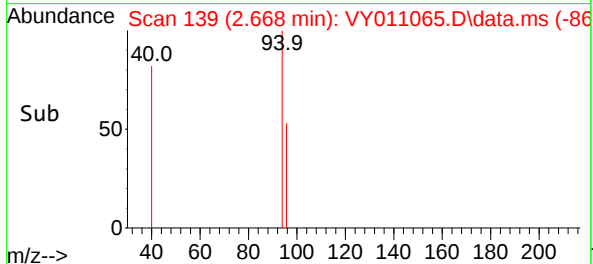
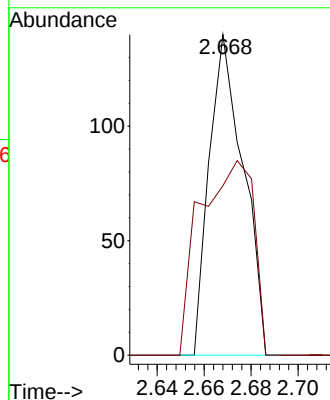
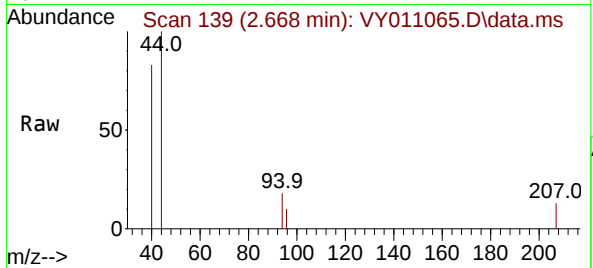




#5
Bromomethane
Concen: 8.438 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

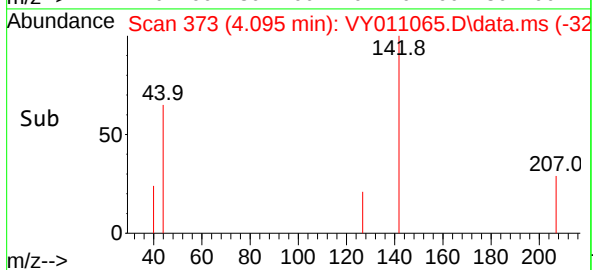
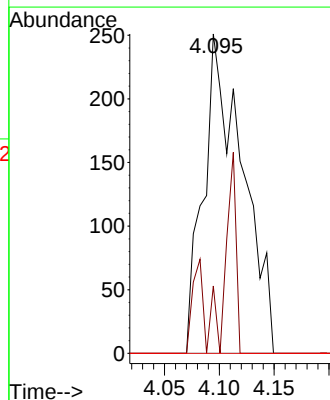
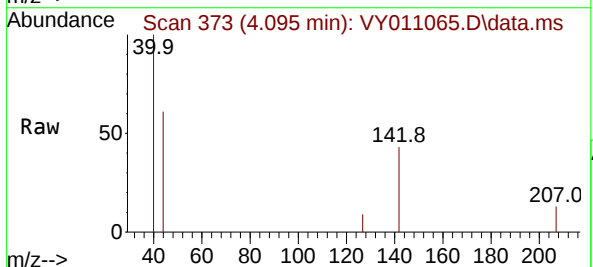
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

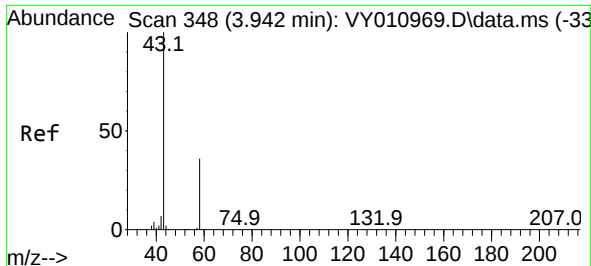
Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 52.9 73.5 110.3#



#10
Methyl Iodide
Concen: 22.879 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion: 142 Resp: 621
Ion Ratio Lower Upper
142 100
127 7.7 41.5 62.3#
141 0.0 11.9 17.9#

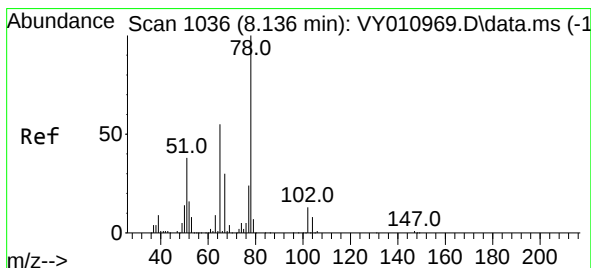
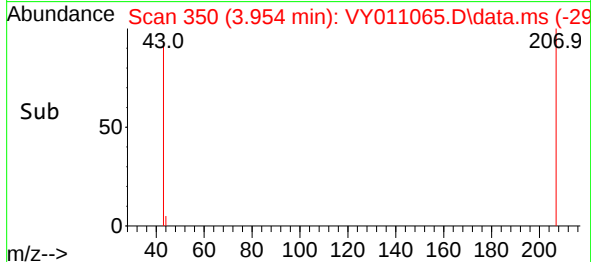
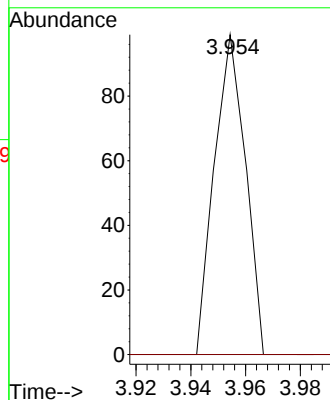
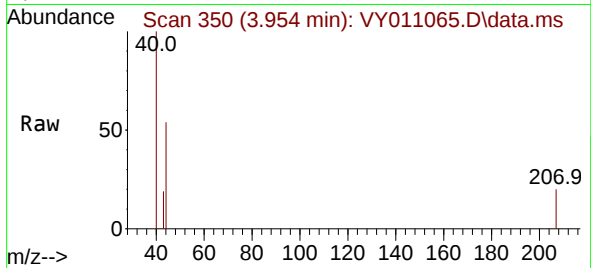




#16
Acetone
Concen: 13.017 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

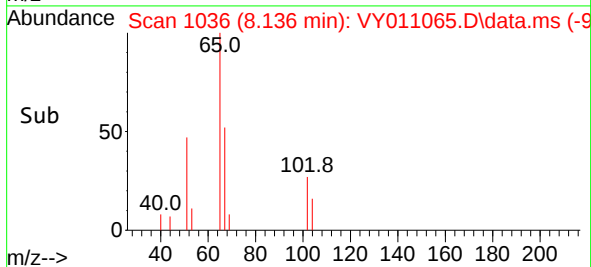
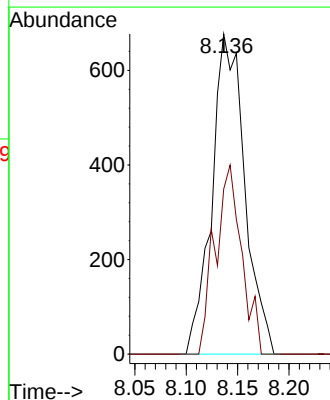
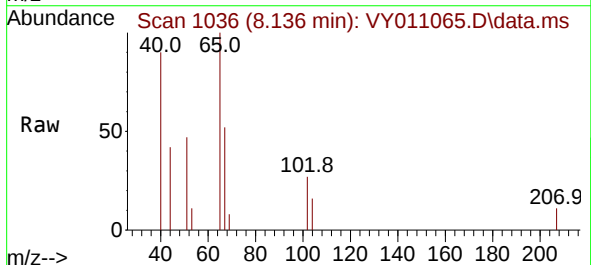
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

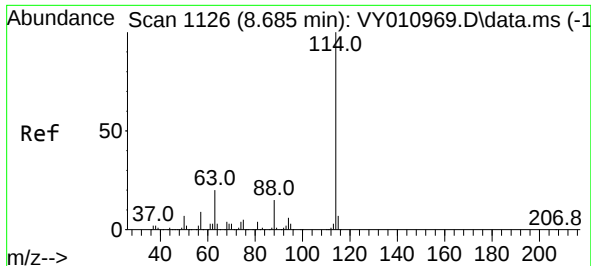
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 72.842 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion: 65 Resp: 1503
Ion Ratio Lower Upper
65 100
67 47.9 0.0 99.4

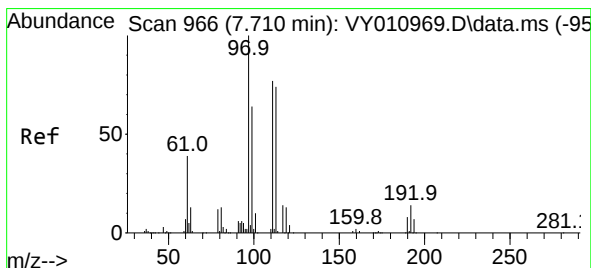
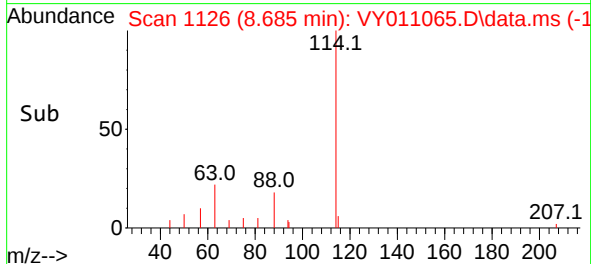
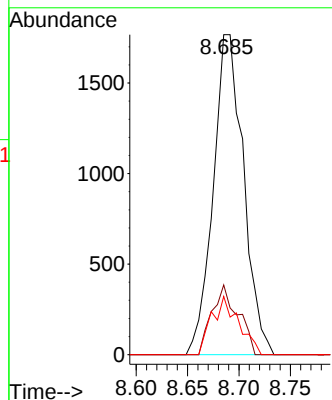
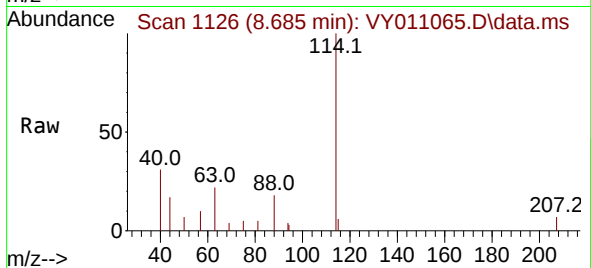




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

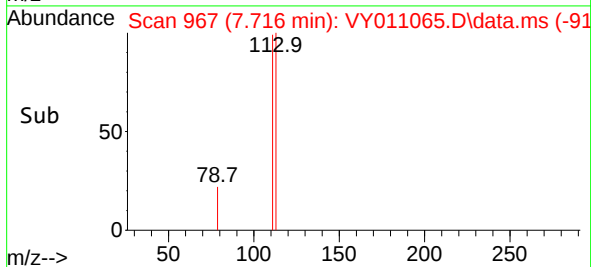
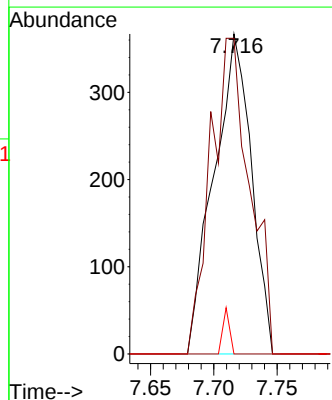
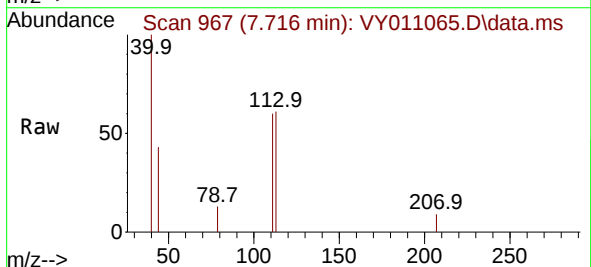
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

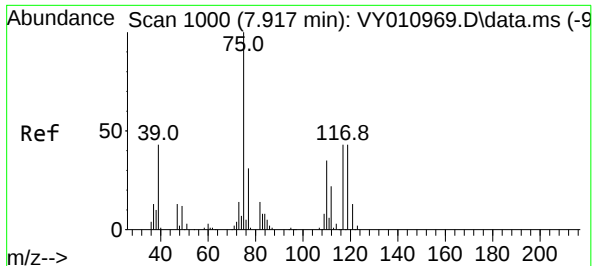
Tgt Ion:	114	Resp:	3619
Ion Ratio	Lower	Upper	
114	100		
63	21.8	0.0	43.2
88	18.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 36.756 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion:	113	Resp:	753
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.6	124.0
192	2.5	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.067 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011065.D

Acq: 24 Oct 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-E1-7.5-8.0

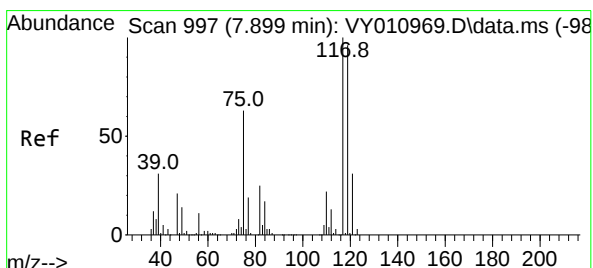
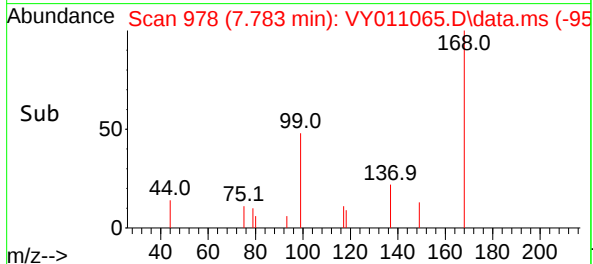
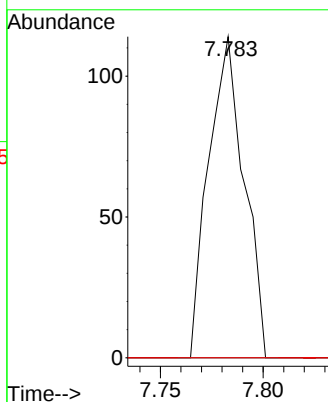
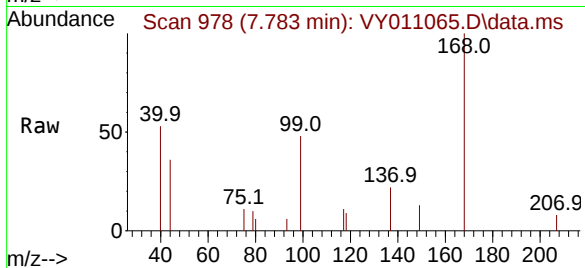
Tgt Ion: 75 Resp: 137

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.112 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011065.D

Acq: 24 Oct 2022 13:43

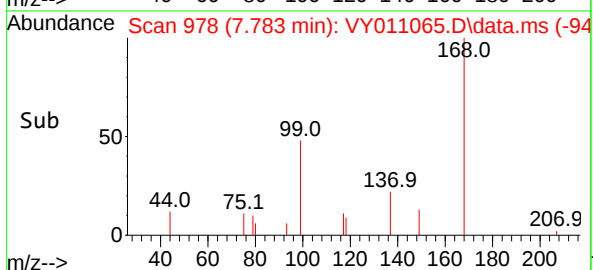
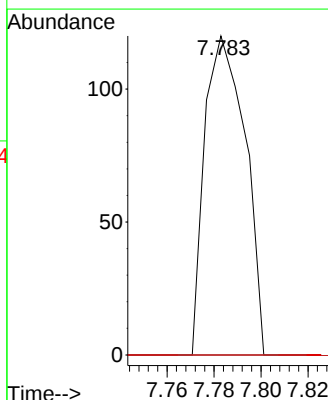
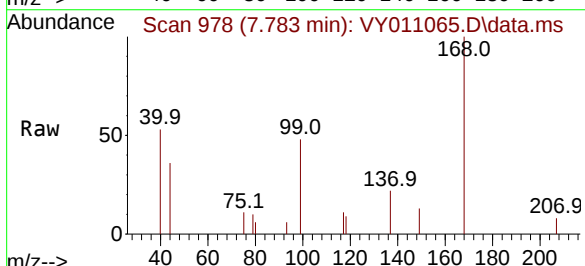
Tgt Ion: 117 Resp: 143

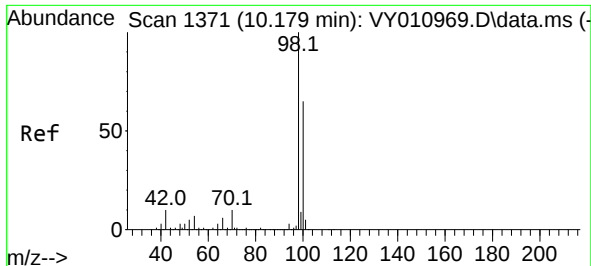
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

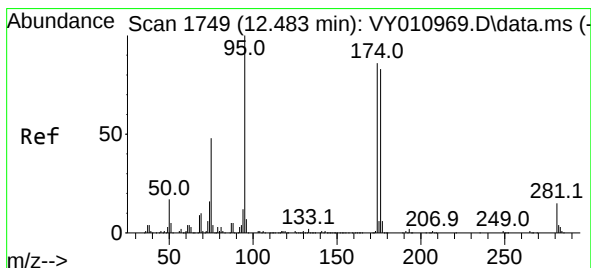
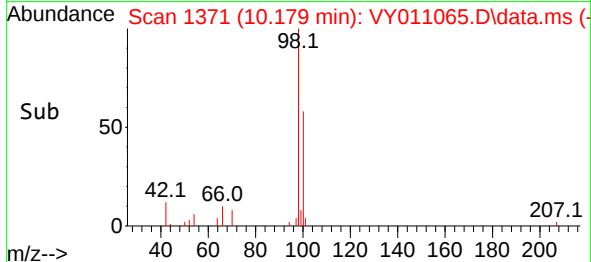
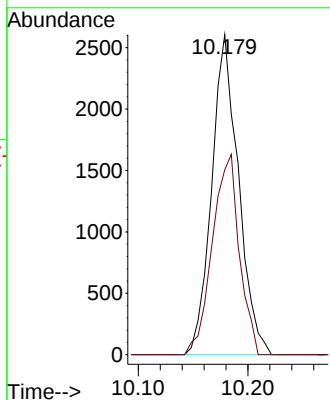
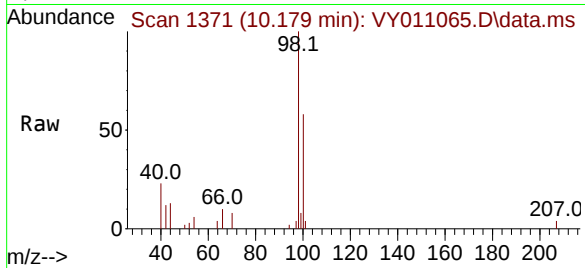




#50
Toluene-d8
Concen: 58.559 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

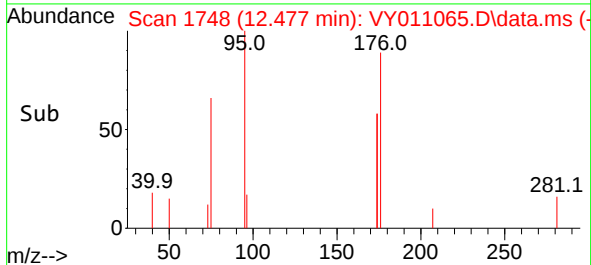
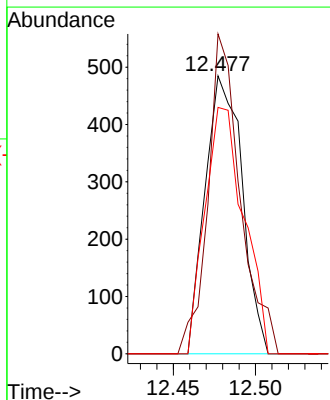
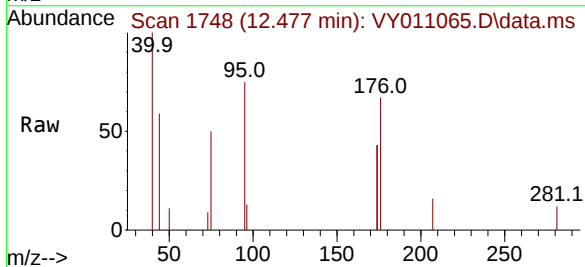
Instrument :
MSVOA_Y
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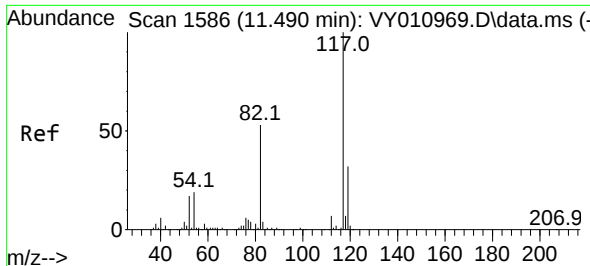
Tgt Ion: 98 Resp: 4425
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.819 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion: 95 Resp: 756
Ion Ratio Lower Upper
95 100
174 100.9 0.0 177.0
176 93.7 0.0 175.8

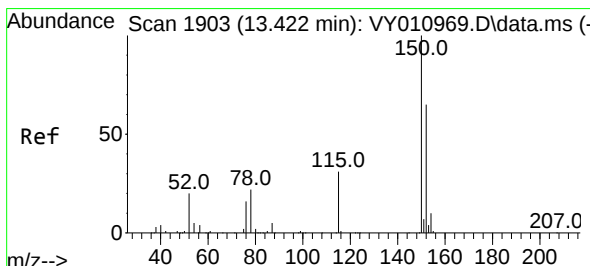
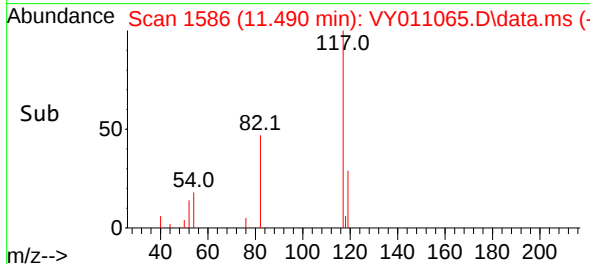
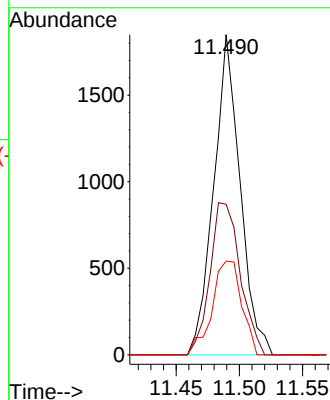
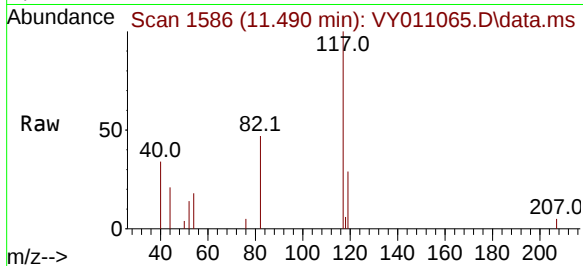




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

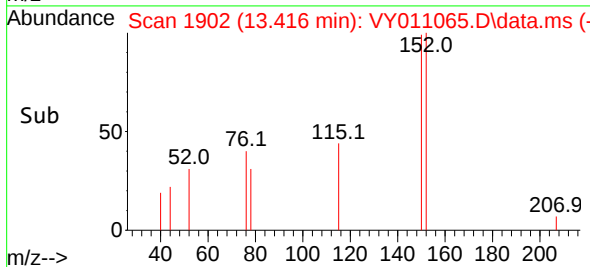
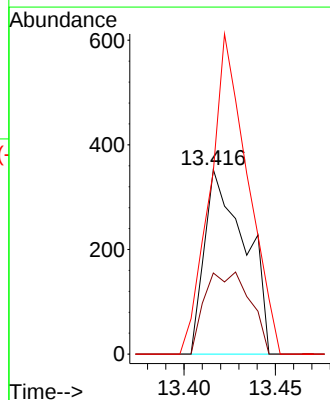
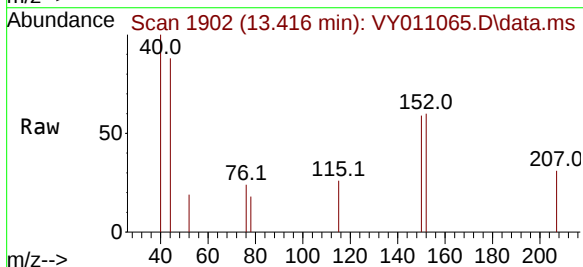
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

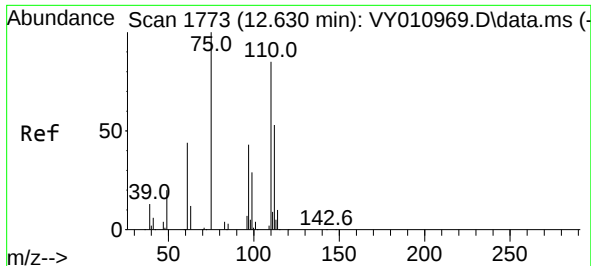
Tgt Ion:	117	Resp:	2679
Ion	Ratio	Lower	Upper
117	100		
82	47.0	43.0	64.4
119	29.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion:	152	Resp:	543
Ion	Ratio	Lower	Upper
152	100		
115	49.7	28.2	84.7
150	162.4	0.0	347.6

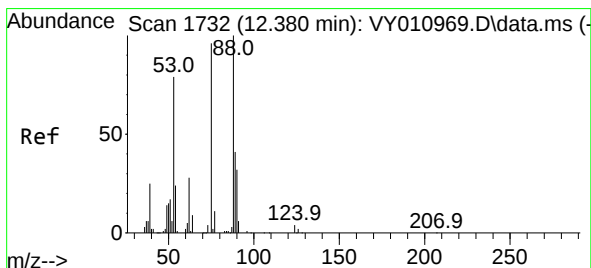
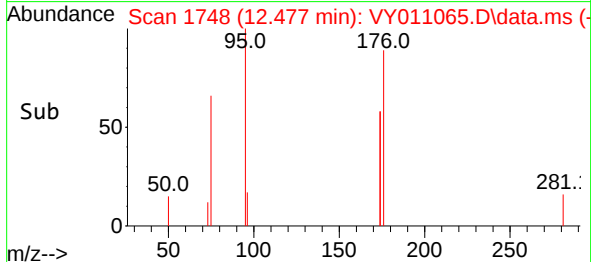
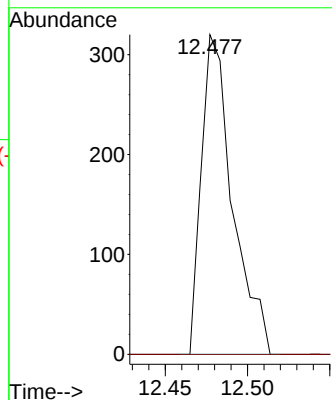
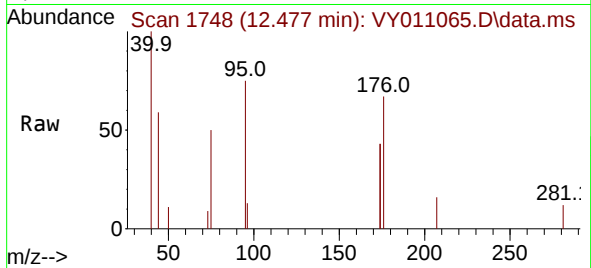




#76
1,2,3-Trichloropropane
Concen: 68.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

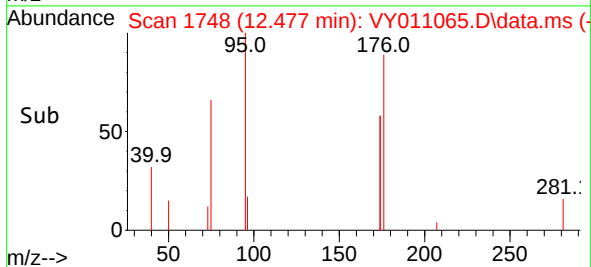
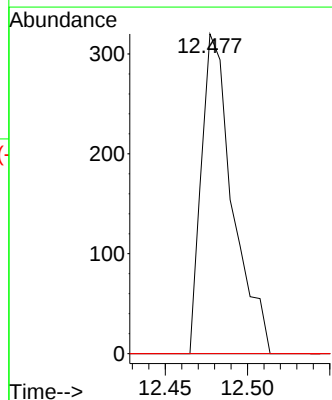
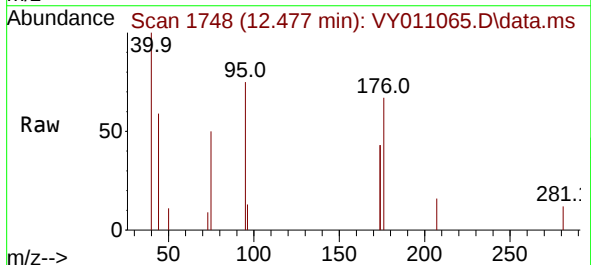
Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

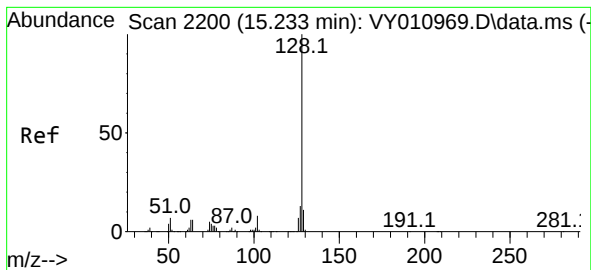
Tgt Ion: 75 Resp: 422
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 147.224 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Tgt Ion: 75 Resp: 422
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 1.497 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011065.D
Acq: 24 Oct 2022 13:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-E1-7.5-8.0

Tgt Ion:128 Resp: 30
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

