

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009839.D
 Acq On : 04 Aug 2022 17:55
 Operator : KP/MD
 Sample : N3998-01
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Aug 05 01:44:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	42299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22890	68.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.040%
35) Dibromofluoromethane	7.703	113	20607	37.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.740%
50) Toluene-d8	10.179	98	84915	52.848	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.483	95	22705	30.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	60.820%

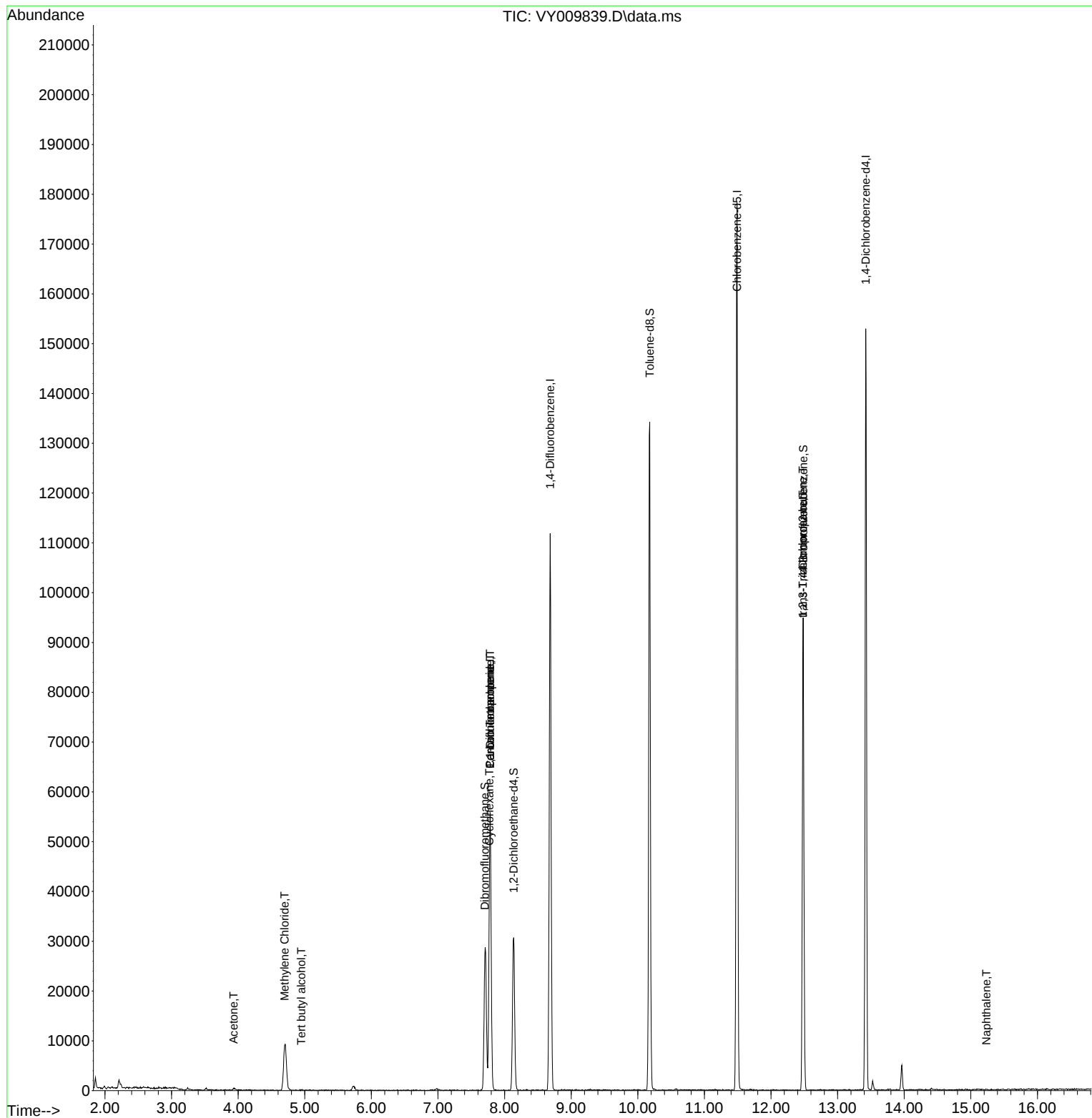
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	79	1.759	ug/l #	78
16) Acetone	3.930	43	293	2.447	ug/l #	84
20) Methylene Chloride	4.698	84	6548	4.651	ug/l	95
31) Cyclohexane	7.771	56	1000	1.249	ug/l #	40
36) 1,1-Dichloropropene	7.783	75	3284	3.590	ug/l #	48
38) Carbon Tetrachloride	7.783	117	4188	4.353	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	12457	28.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12457	61.066	ug/l #	13
95) Naphthalene	15.233	128	42	5.445	ug/l #	69

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

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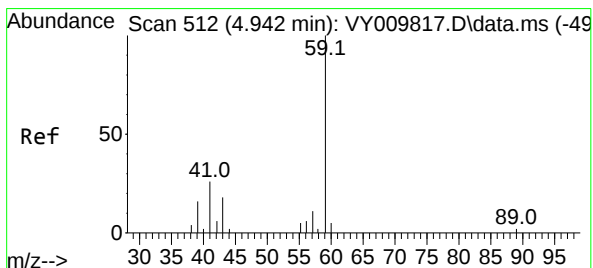
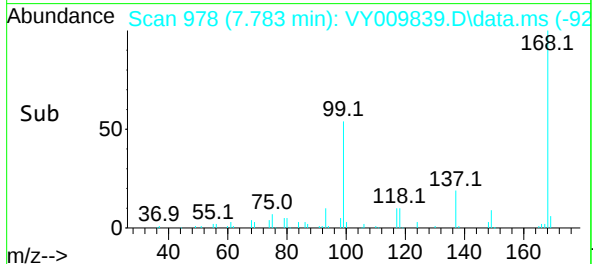
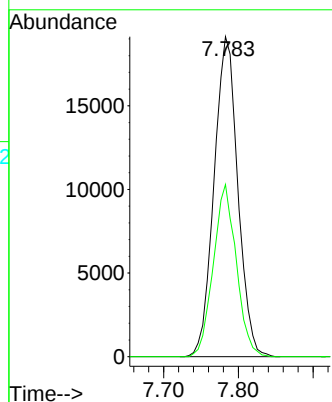
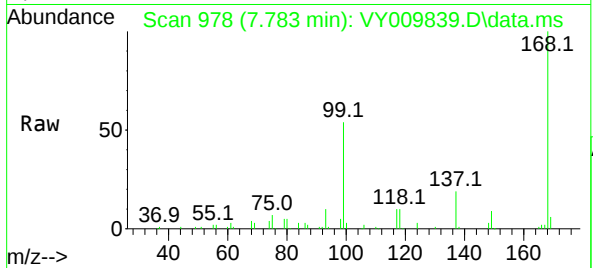




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

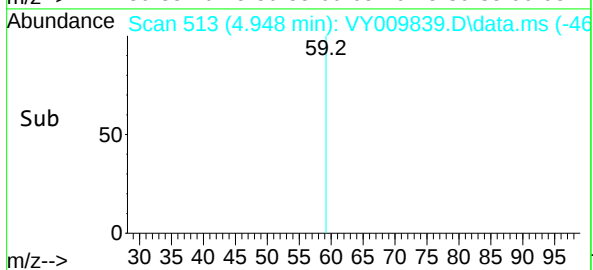
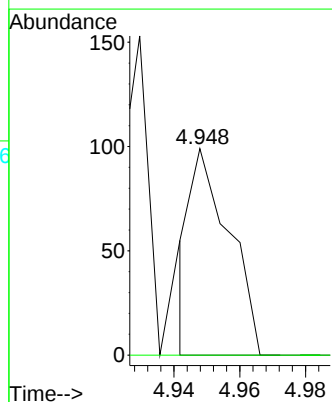
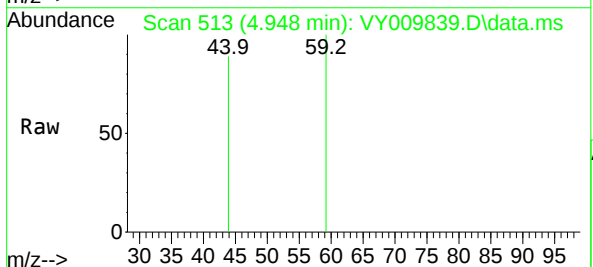
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

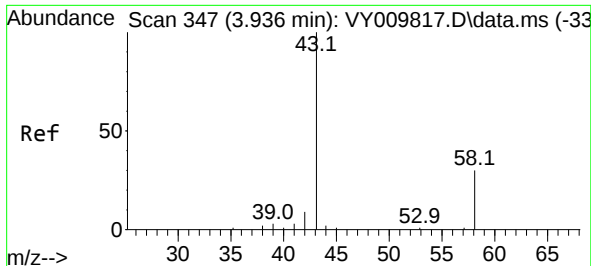
Tgt Ion:168 Resp: 42299
Ion Ratio Lower Upper
168 100
99 53.8 44.7 67.1



#11
Tert butyl alcohol
Concen: 1.759 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#





#16

Acetone

Concen: 2.447 ug/l

RT: 3.930 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

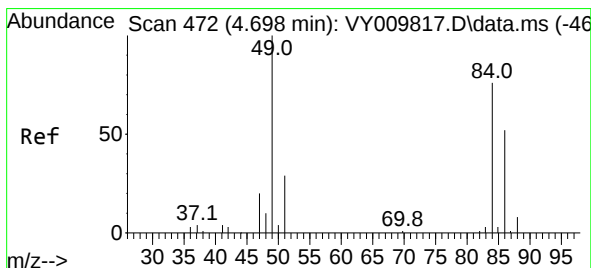
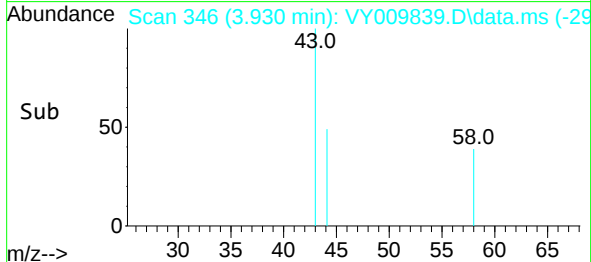
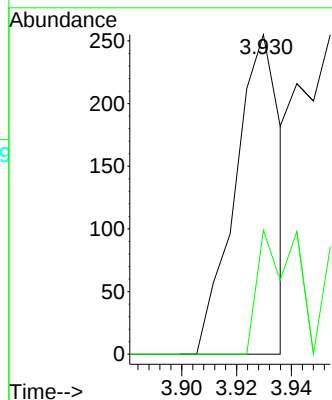
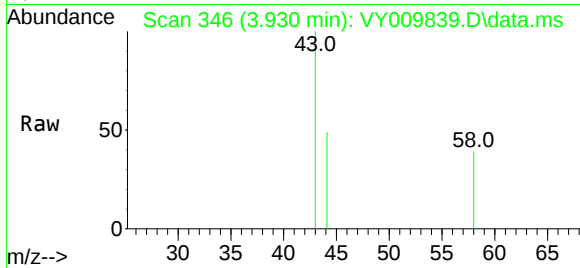
SB-1

Tgt Ion: 43 Resp: 293

Ion Ratio Lower Upper

43 100

58 38.8 24.1 36.1#



#20

Methylene Chloride

Concen: 4.651 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

Tgt Ion: 84 Resp: 6548

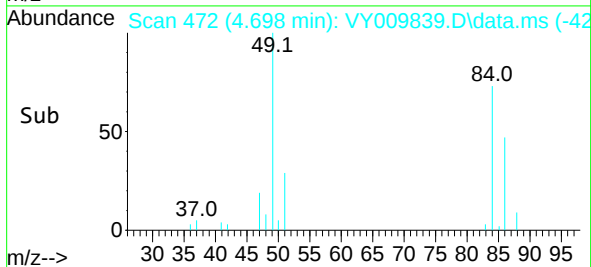
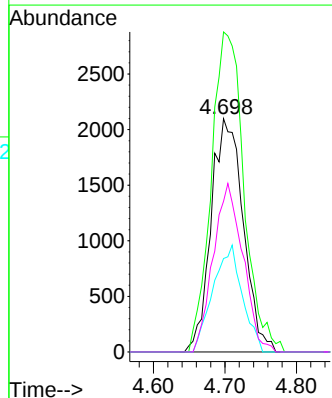
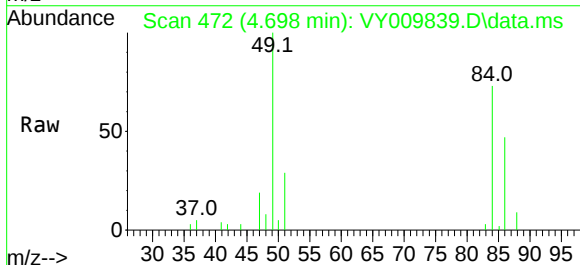
Ion Ratio Lower Upper

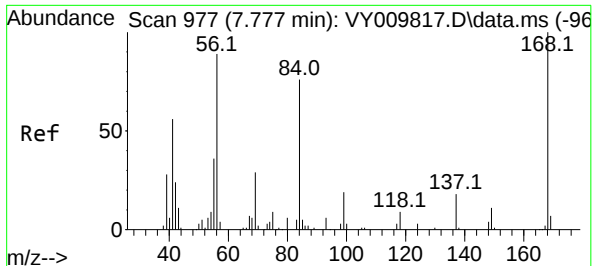
84 100

49 137.2 104.6 156.8

51 40.1 30.9 46.3

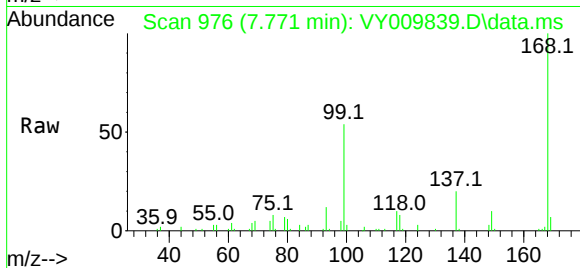
86 64.6 54.4 81.6



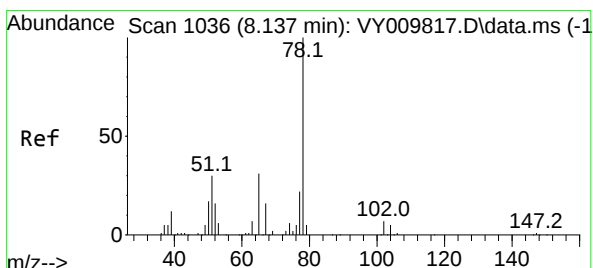
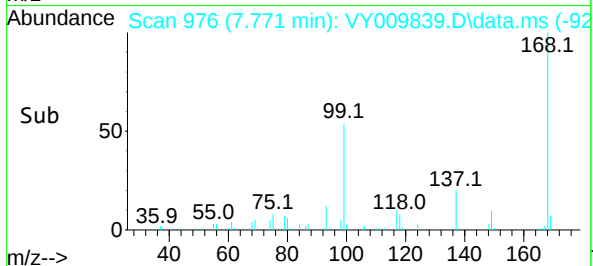
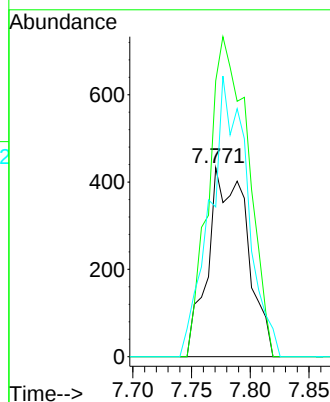


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

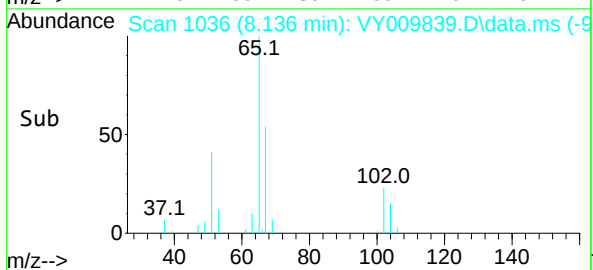
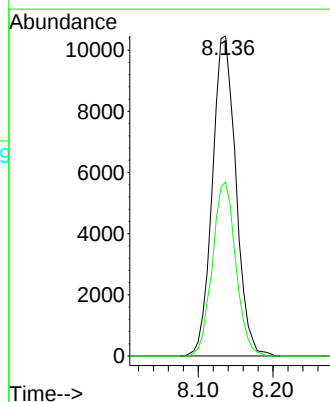
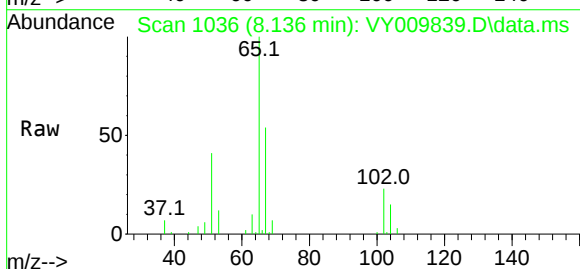


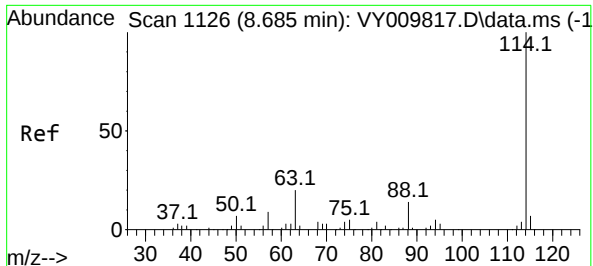
Tgt Ion: 56 Resp: 1000
Ion Ratio Lower Upper
56 100
69 146.0 25.8 38.8#
84 79.2 67.9 101.9



#33
1,2-Dichloroethane-d4
Concen: 68.015 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion: 65 Resp: 22890
Ion Ratio Lower Upper
65 100
67 54.0 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

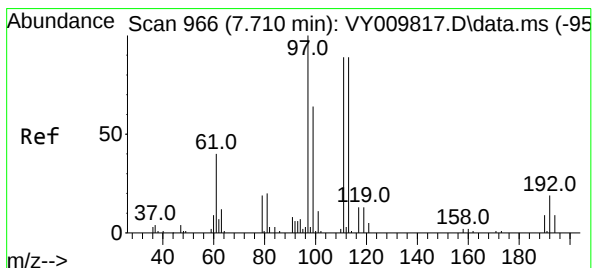
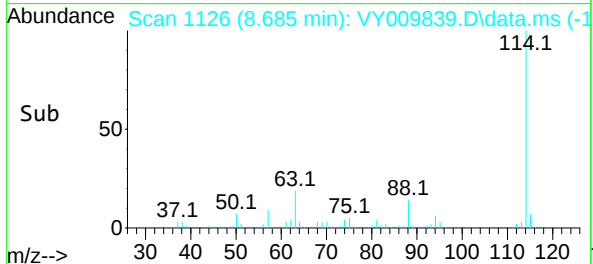
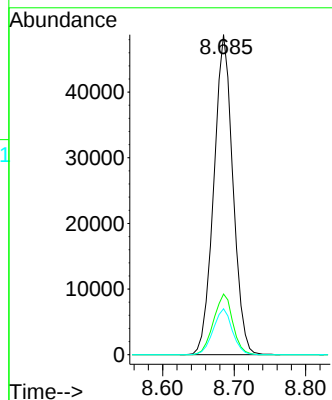
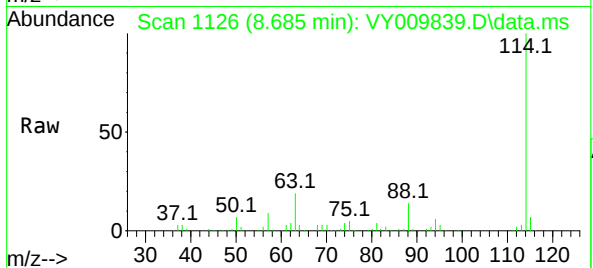
Tgt Ion:114 Resp: 90438

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 14.3 0.0 27.6



#35

Dibromofluoromethane

Concen: 37.371 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

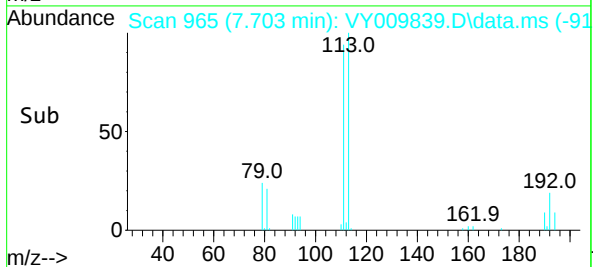
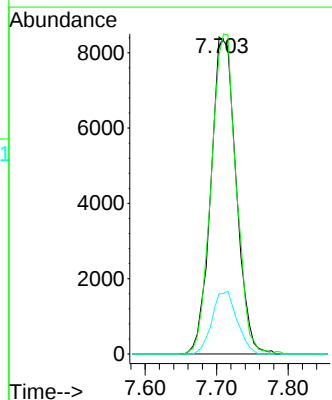
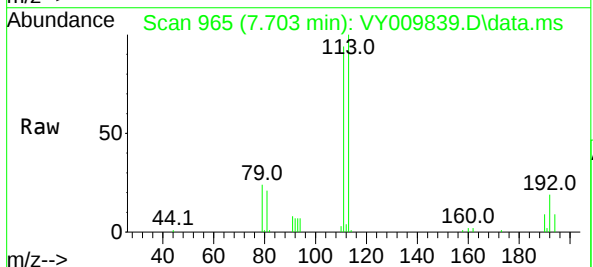
Tgt Ion:113 Resp: 20607

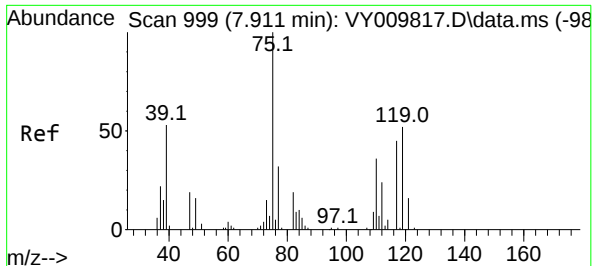
Ion Ratio Lower Upper

113 100

111 99.8 82.4 123.6

192 19.5 16.5 24.7





#36

1,1-Dichloropropene

Concen: 3.590 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

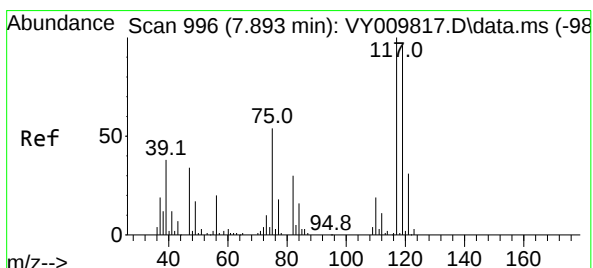
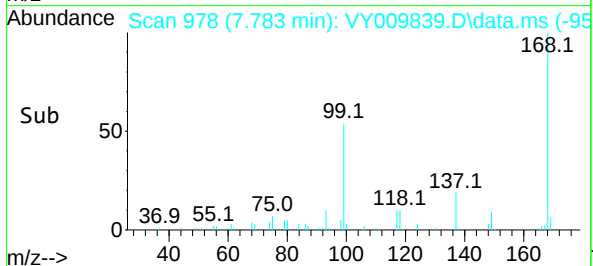
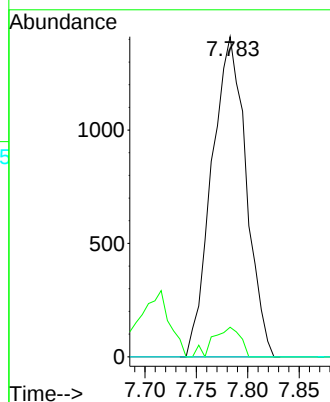
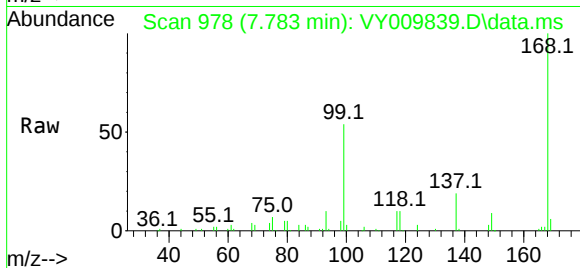
Tgt Ion: 75 Resp: 3284

Ion Ratio Lower Upper

75 100

110 7.3 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.353 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009839.D

Acq: 04 Aug 2022 17:55

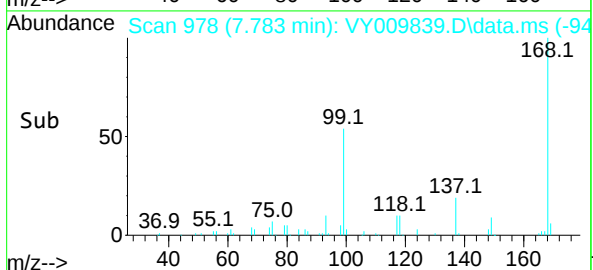
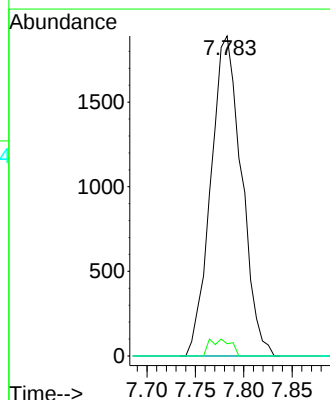
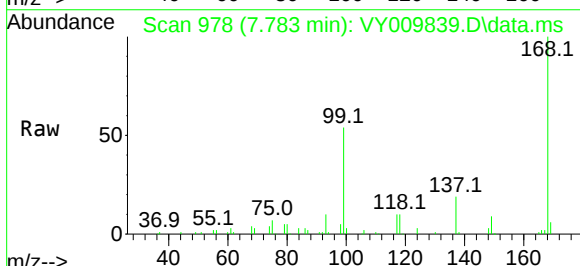
Tgt Ion: 117 Resp: 4188

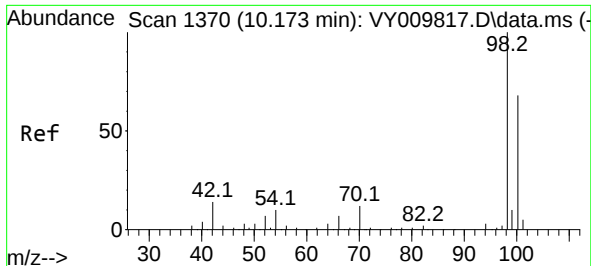
Ion Ratio Lower Upper

117 100

119 3.8 76.8 115.2#

121 0.0 24.9 37.3#

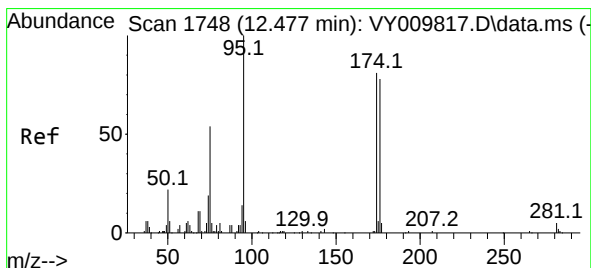
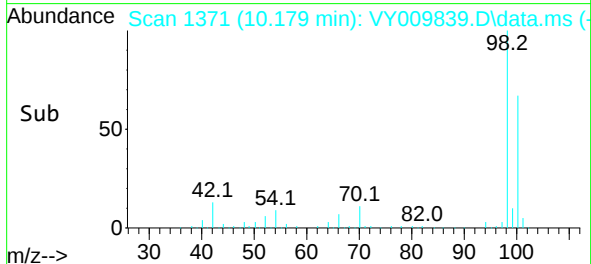
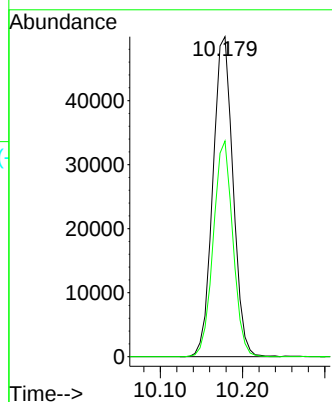
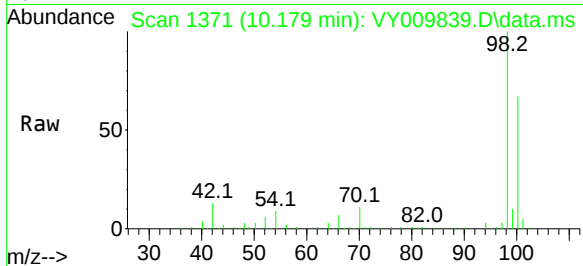




#50
Toluene-d8
Concen: 52.848 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

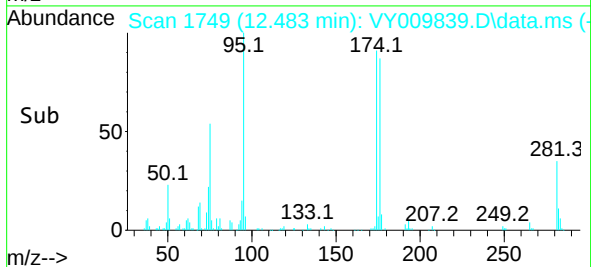
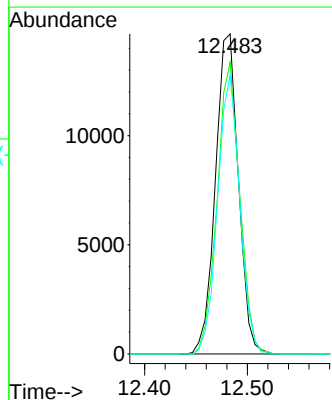
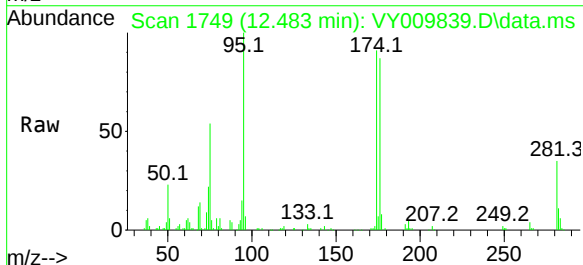
Instrument :
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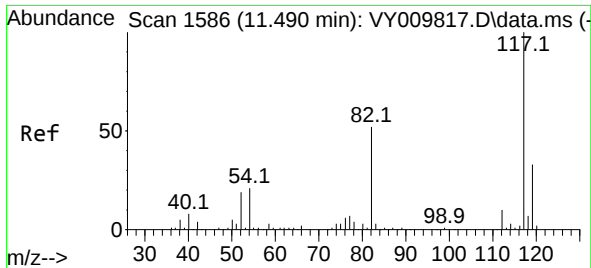
Tgt Ion: 98 Resp: 84915
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 30.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion: 95 Resp: 22705
Ion Ratio Lower Upper
95 100
174 89.6 0.0 168.6
176 84.2 0.0 163.6

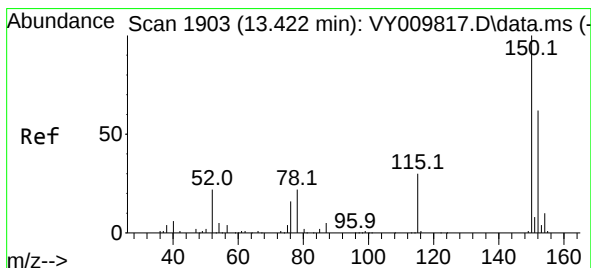
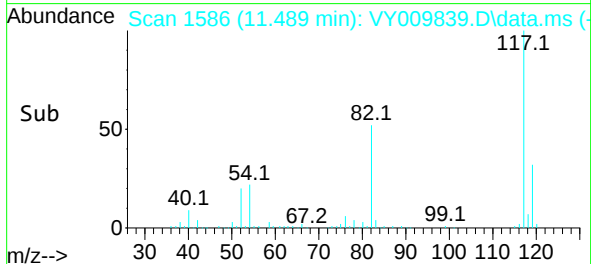
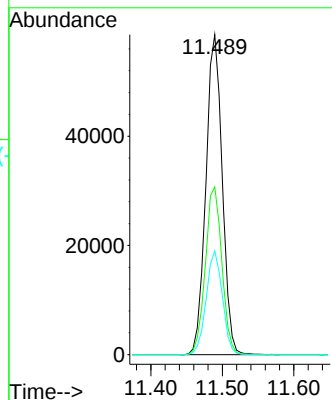
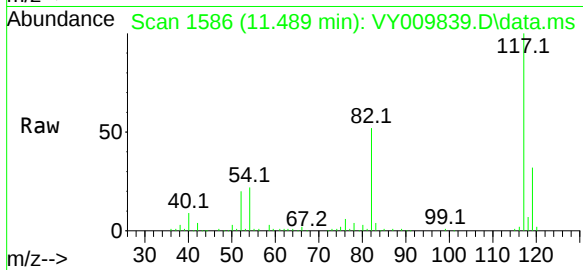




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

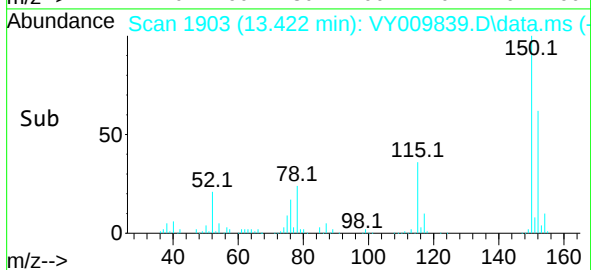
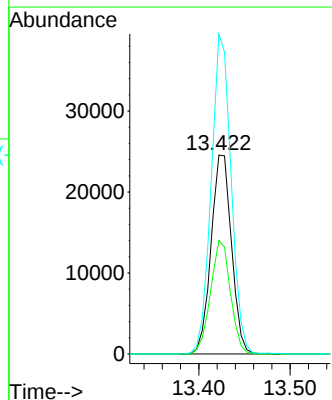
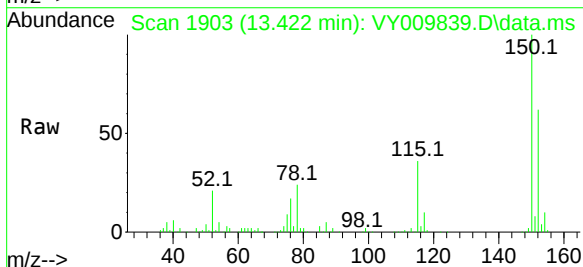
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

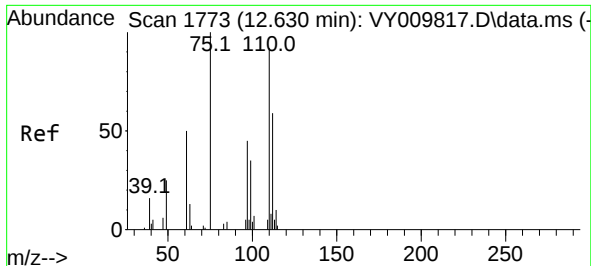
Tgt Ion:117 Resp: 93198
Ion Ratio Lower Upper
117 100
82 52.5 41.7 62.5
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Tgt Ion:152 Resp: 38273
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 156.1 0.0 354.2

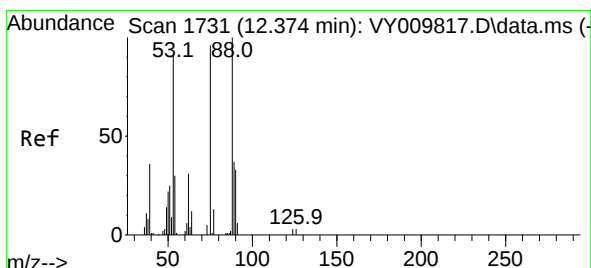
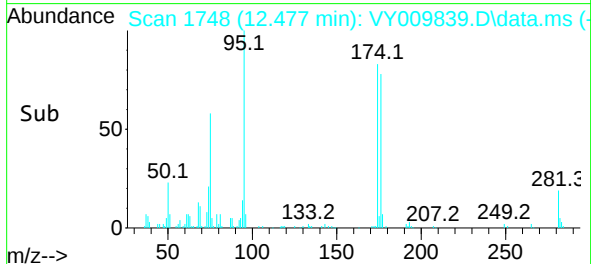
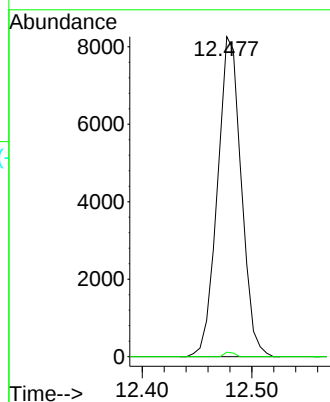
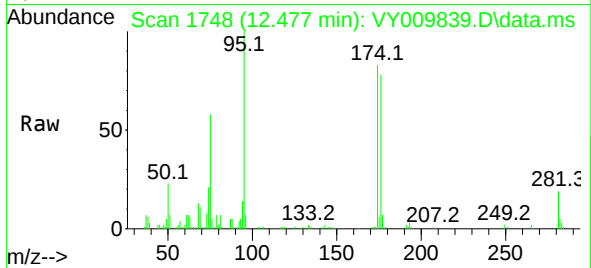




#76
1,2,3-Trichloropropane
Concen: 28.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

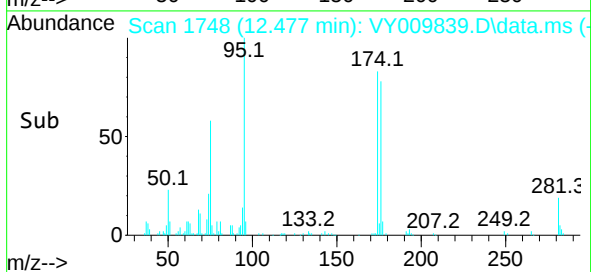
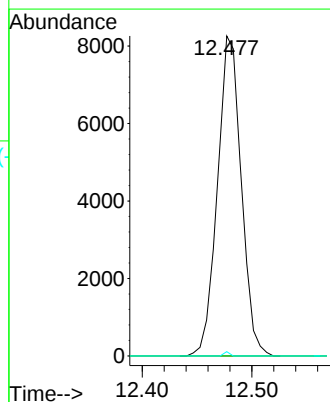
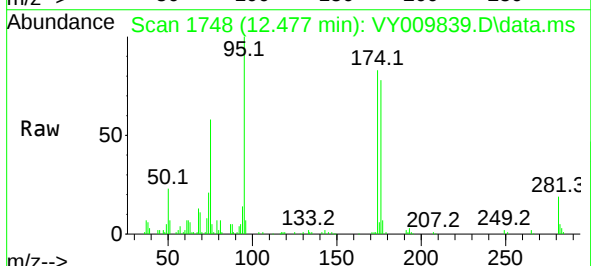
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

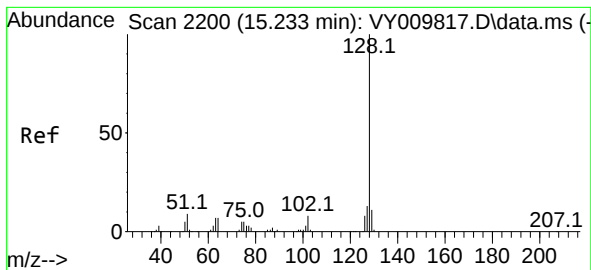
Tgt Ion: 75 Resp: 12457
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.066 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

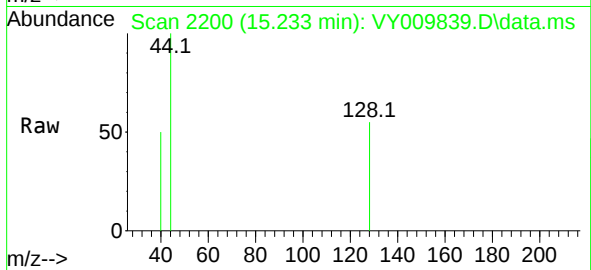
Tgt Ion: 75 Resp: 12457
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.3 35.3 52.9#





#95
Naphthalene
Concen: 5.445 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009839.D
Acq: 04 Aug 2022 17:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-1



Tgt Ion:128 Resp: 42
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

