

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017359.D
 Acq On : 12 Feb 2024 17:29
 Operator : SY/MD
 Sample : P1448-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-020924RE

Quant Time: Feb 13 01:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

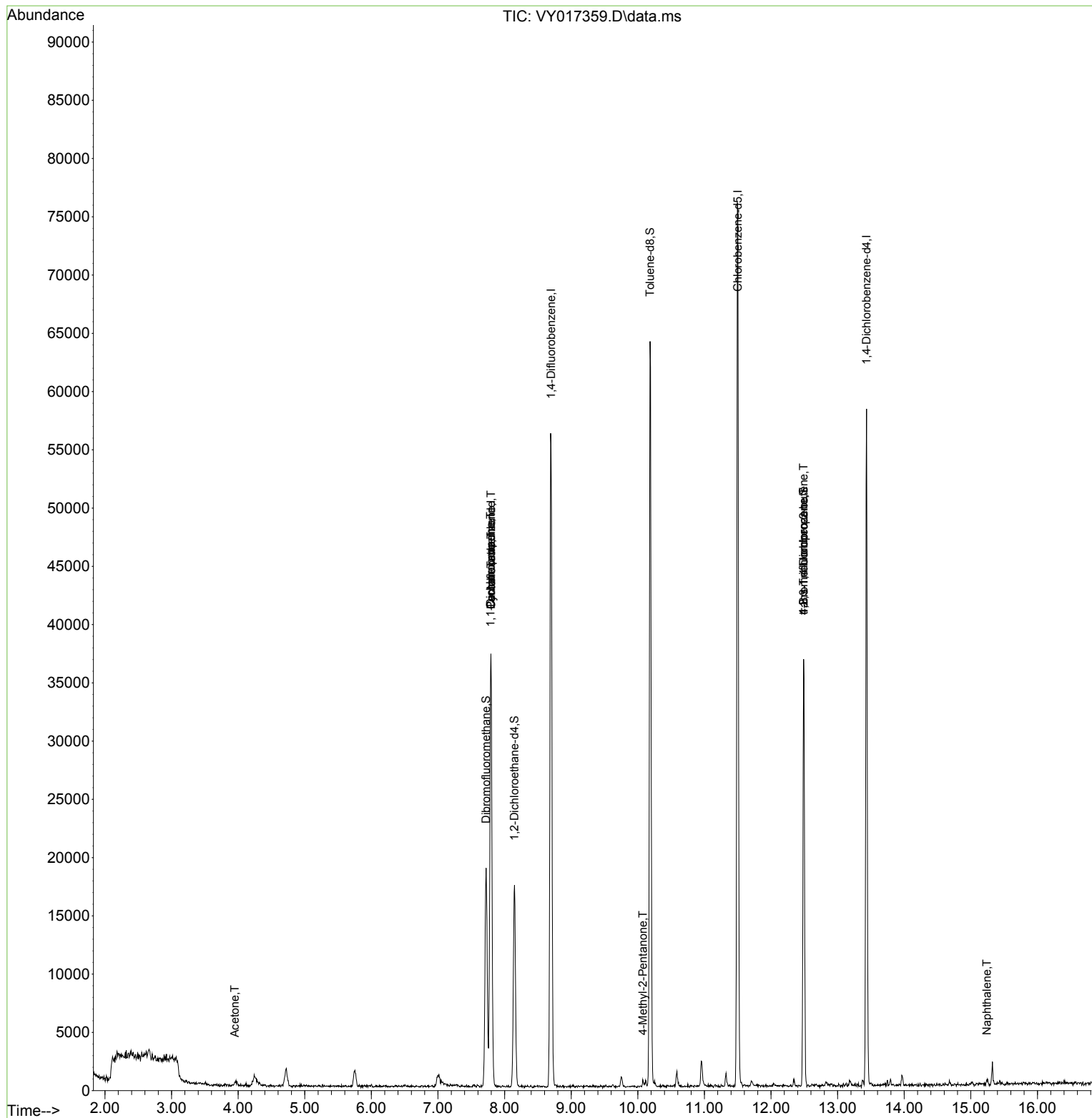
Internal Standards						
1) Pentafluorobenzene	7.795	168	28096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	50159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	42296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	14108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	13382	53.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.722	113	13682	50.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.040%	
50) Toluene-d8	10.185	98	43612	44.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.460%	
62) 4-Bromofluorobenzene	12.489	95	11065	34.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.996	59	19	Below Cal	#	75
16) Acetone	3.948	43	281	3.809	ug/l	92
31) Cyclohexane	7.795	56	697	1.378	ug/l #	66
36) 1,1-Dichloropropene	7.789	75	2395	5.127	ug/l #	46
38) Carbon Tetrachloride	7.795	117	2945	6.584	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	407	1.980	ug/l	88
76) 1,2,3-Trichloropropane	12.489	75	5732	44.020	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	5732	91.467	ug/l #	12
95) Naphthalene	15.238	128	555	4.811	ug/l #	69

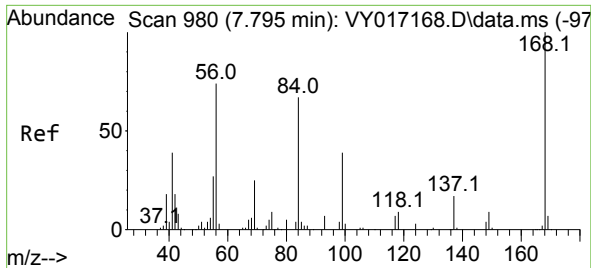
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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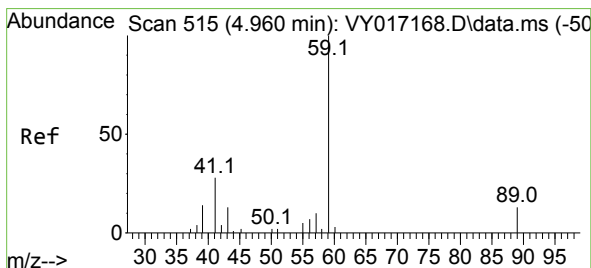
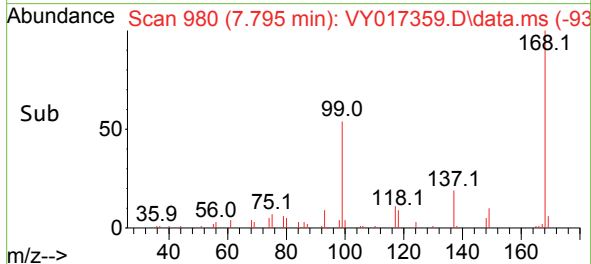
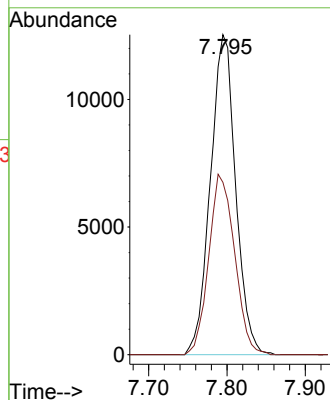
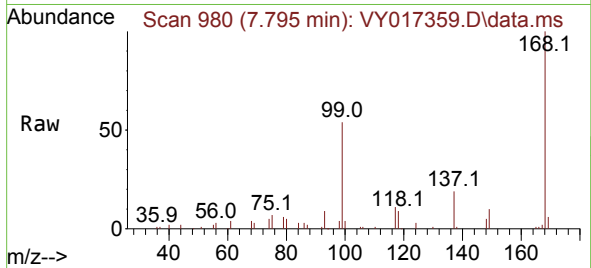




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

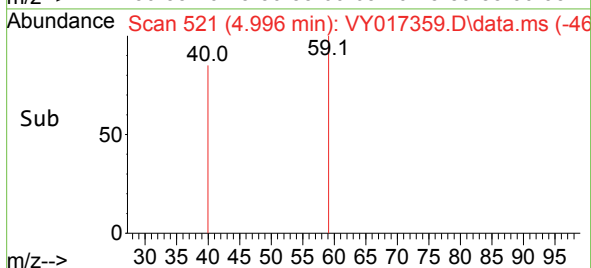
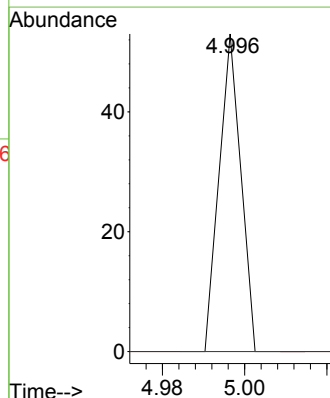
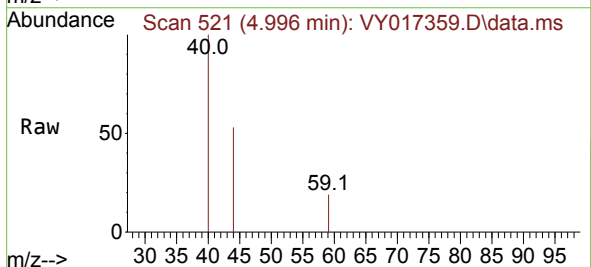
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-020924RE

Tgt Ion:168 Resp: 28096
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.996 min Scan# 521
Delta R.T. 0.036 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.809 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

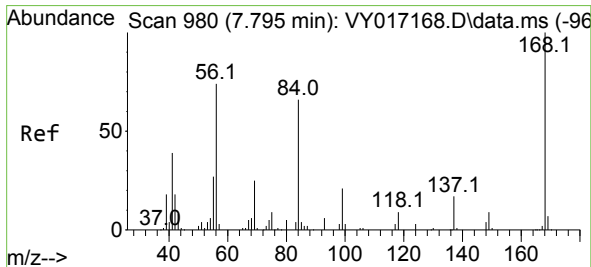
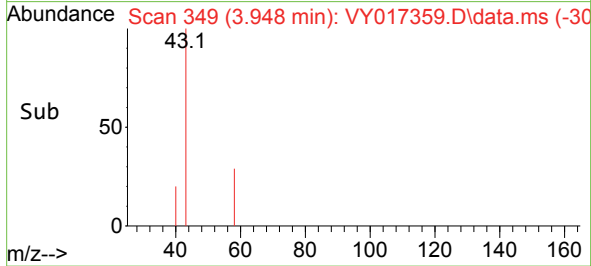
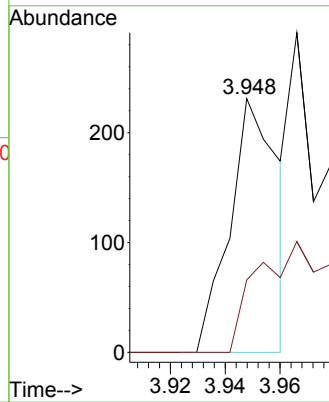
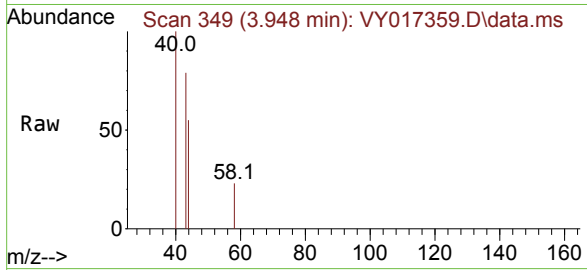
HD-02-020924RE

Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

58 28.6 26.6 39.8



#31

Cyclohexane

Concen: 1.378 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

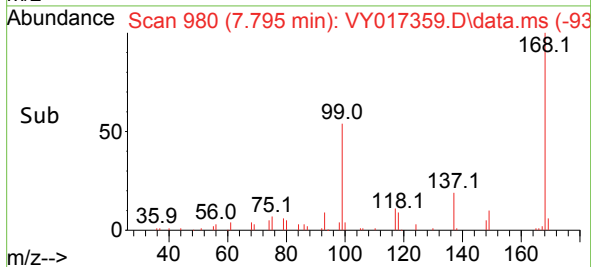
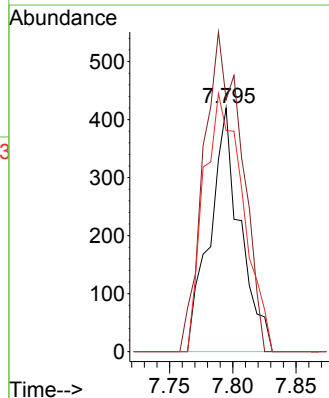
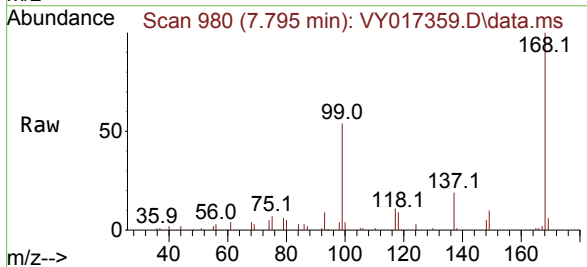
Tgt Ion: 56 Resp: 697

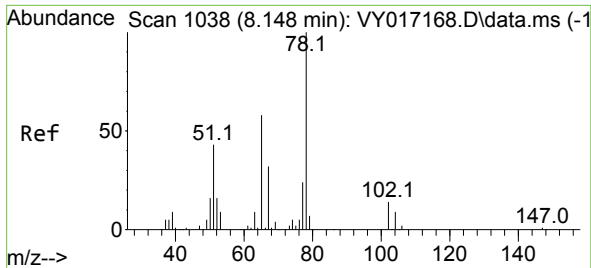
Ion Ratio Lower Upper

56 100

69 103.3 27.0 40.6#

84 90.7 71.8 107.6

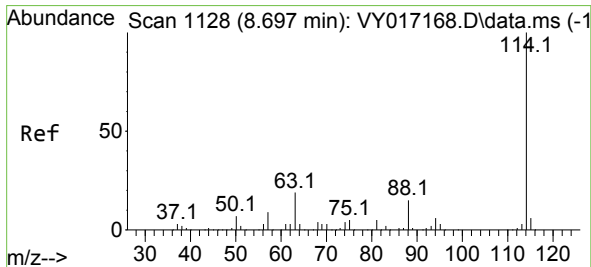
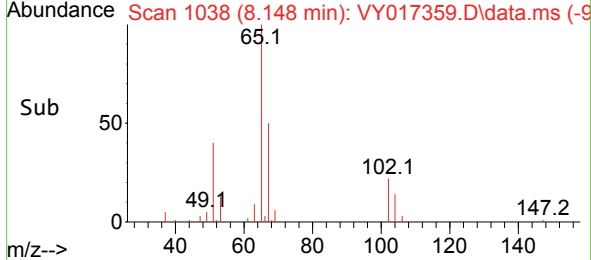
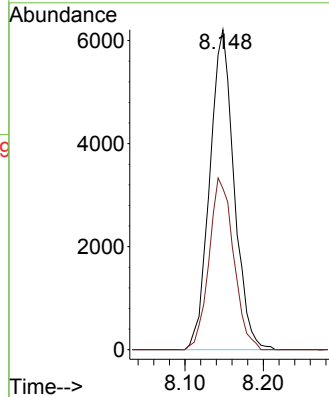
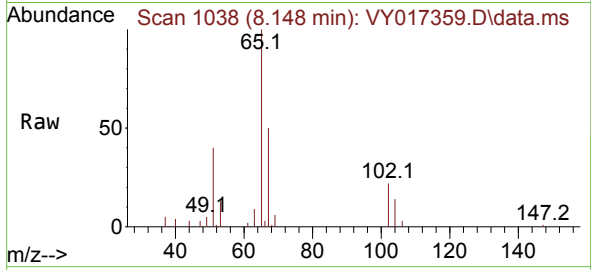




#33
1,2-Dichloroethane-d4
Concen: 53.316 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

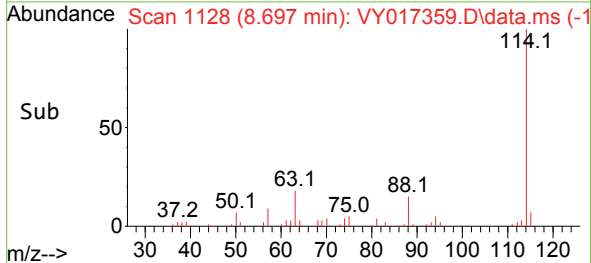
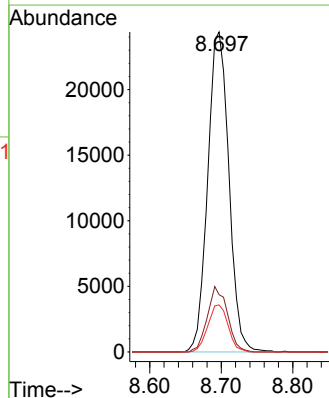
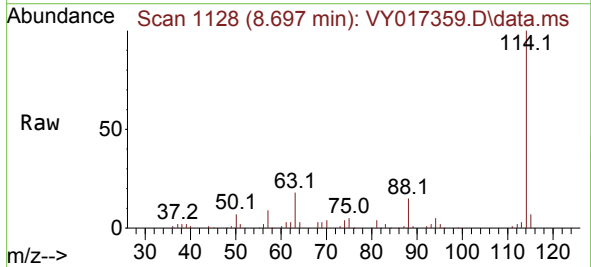
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-020924RE

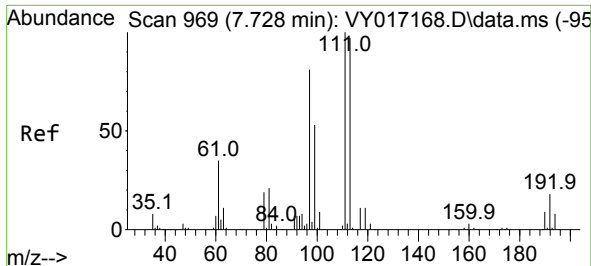
Tgt Ion: 65 Resp: 13382
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

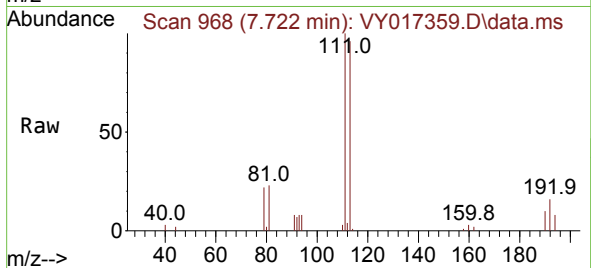
Tgt Ion: 114 Resp: 50159
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 14.7 0.0 29.0



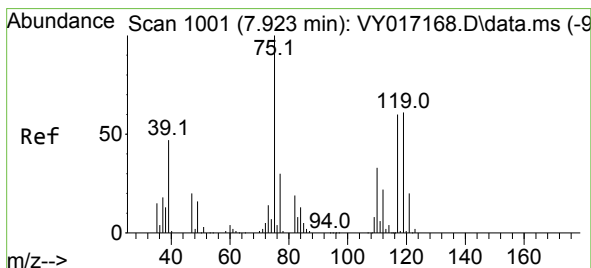
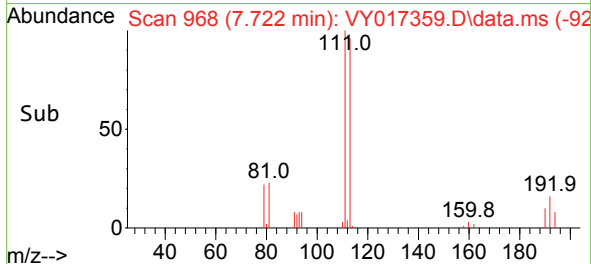
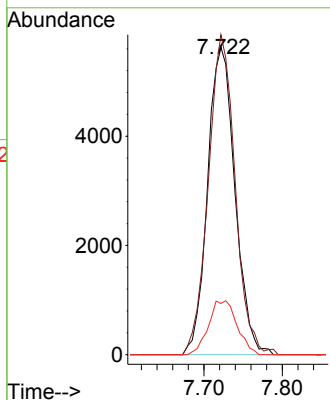


#35
Dibromofluoromethane
Concen: 50.519 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-020924RE

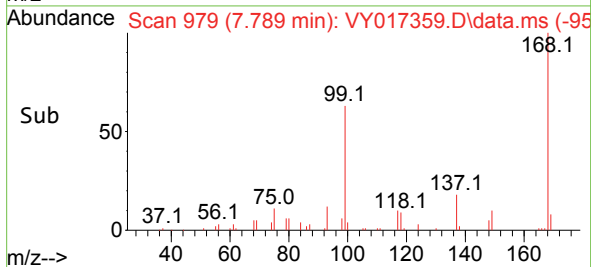
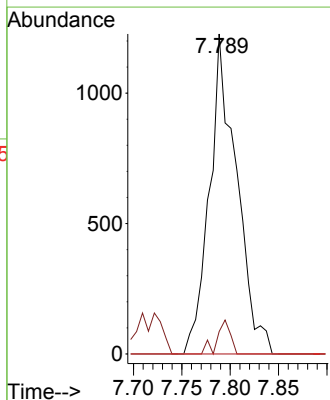
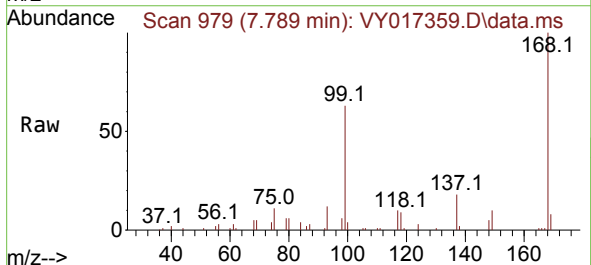


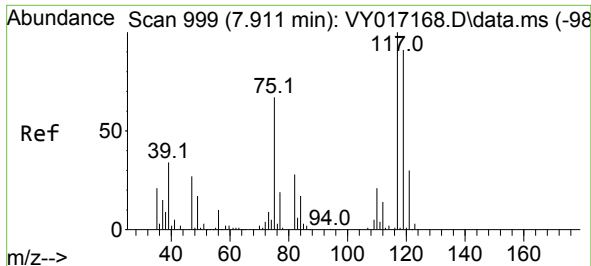
Tgt Ion:113 Resp: 13682
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

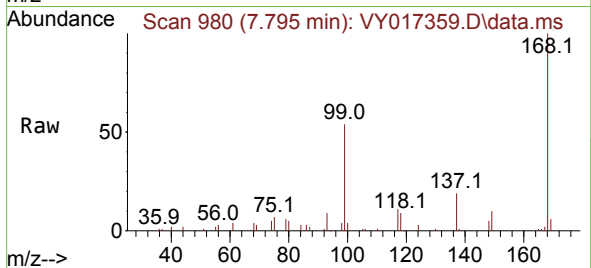
Tgt Ion: 75 Resp: 2395
Ion Ratio Lower Upper
75 100
110 5.2 17.4 52.3#
77 0.0 24.7 37.1#



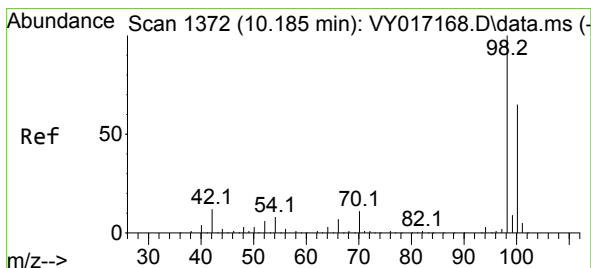
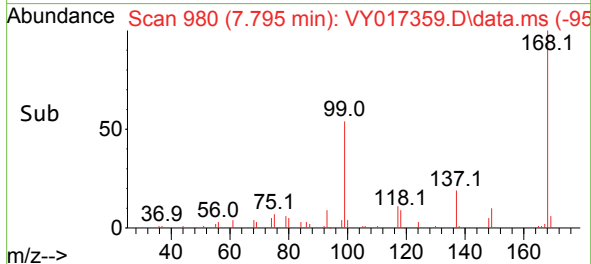
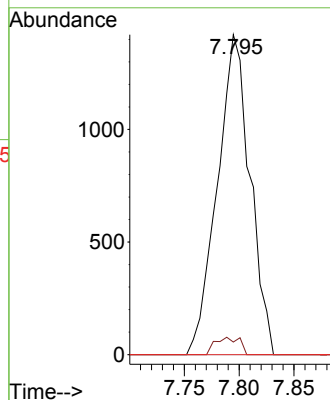


#38
Carbon Tetrachloride
Concen: 6.584 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Instrument :
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ClientSampleId :
HD-02-020924RE

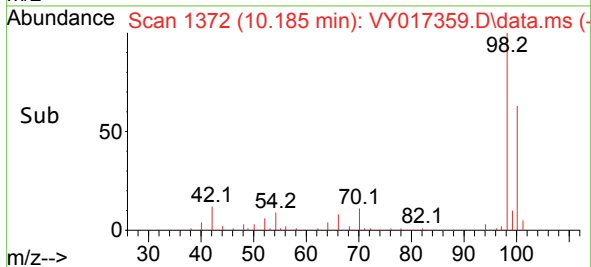
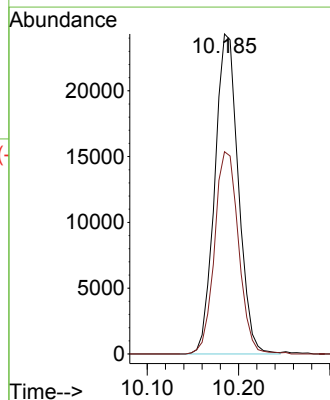
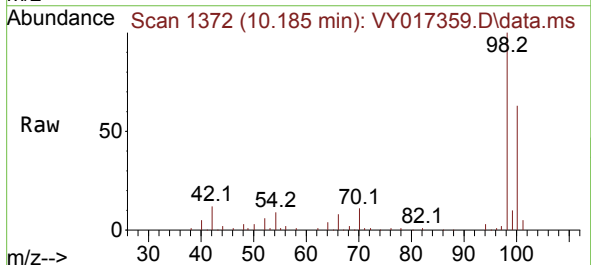


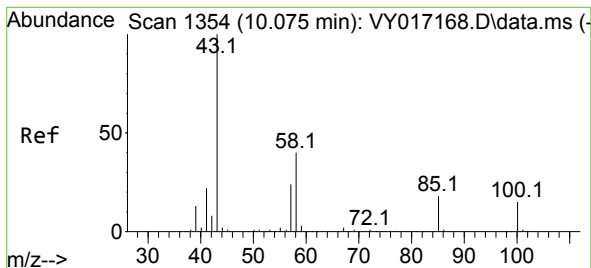
Tgt Ion:117 Resp: 2945
Ion Ratio Lower Upper
117 100
119 3.9 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.229 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Tgt Ion: 98 Resp: 43612
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

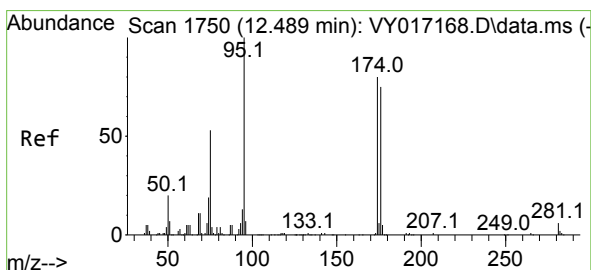
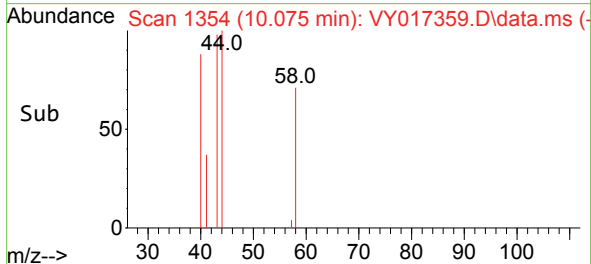
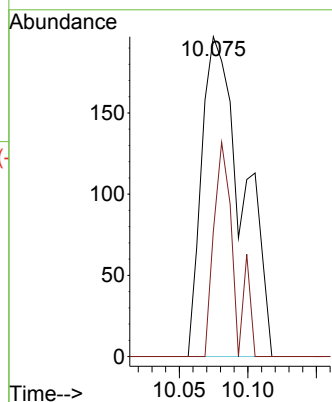
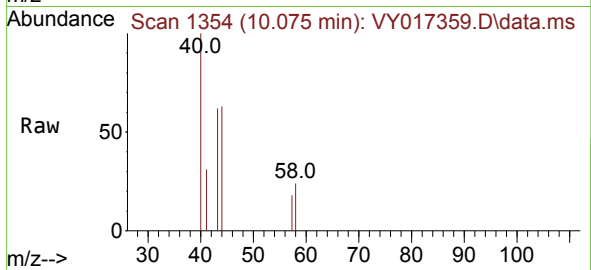




#51
4-Methyl-2-Pentanone
Concen: 1.980 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

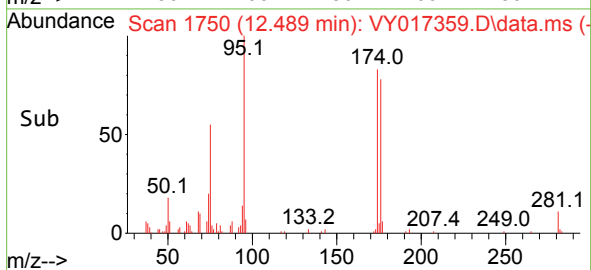
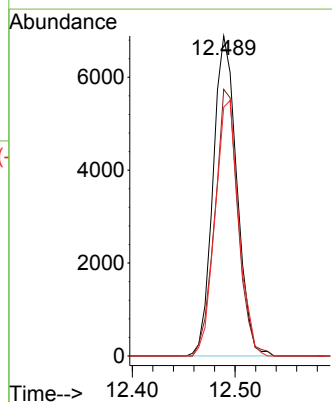
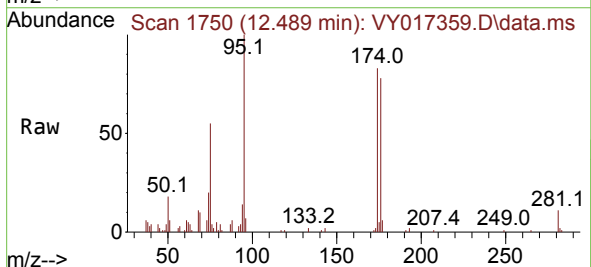
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ClientSampleId :
HD-02-020924RE

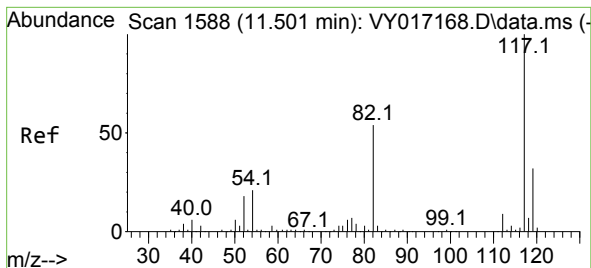
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
58 32.9 32.2 48.2



#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Tgt Ion: 95 Resp: 11065
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.0
176 79.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-020924RE

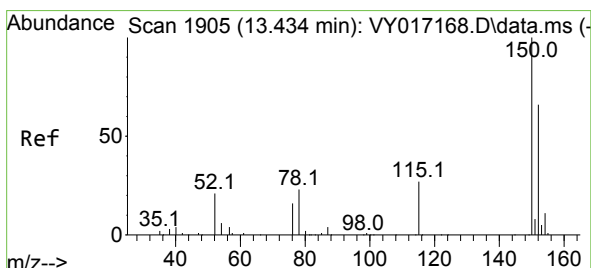
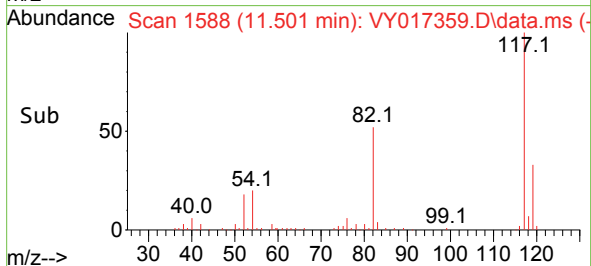
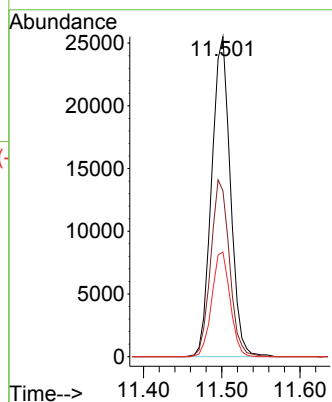
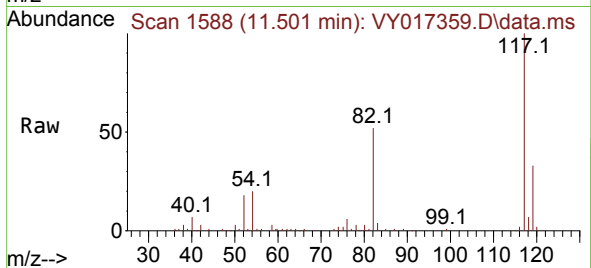
Tgt Ion:117 Resp: 42296

Ion Ratio Lower Upper

117 100

82 51.8 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017359.D

Acq: 12 Feb 2024 17:29

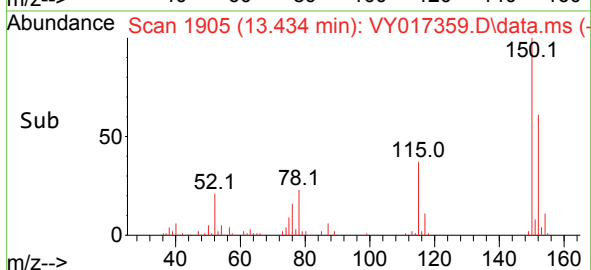
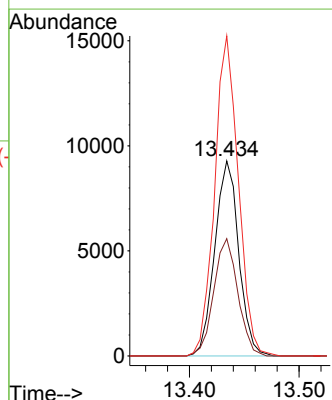
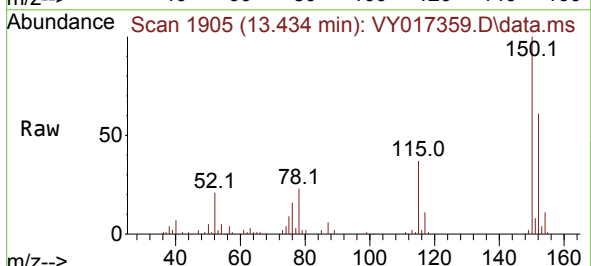
Tgt Ion:152 Resp: 14108

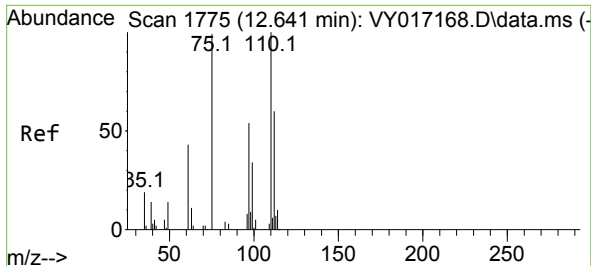
Ion Ratio Lower Upper

152 100

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150 162.0 0.0 344.6

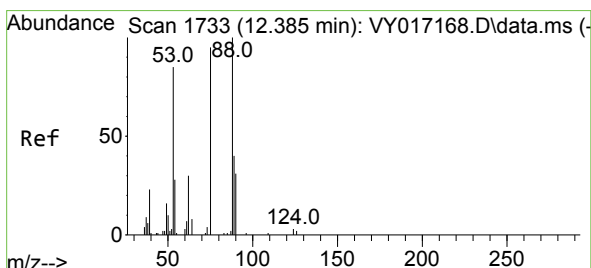
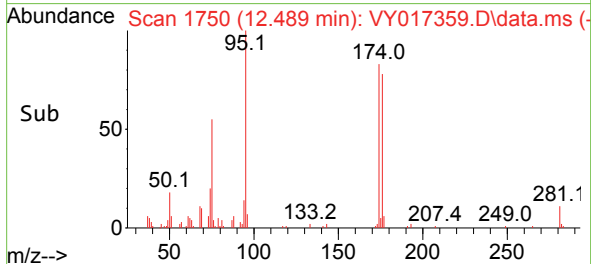
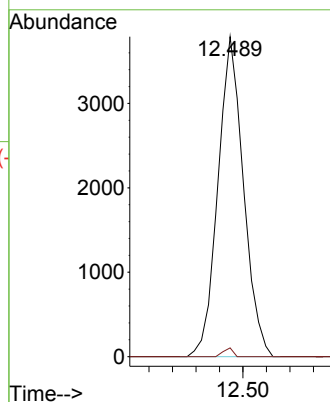
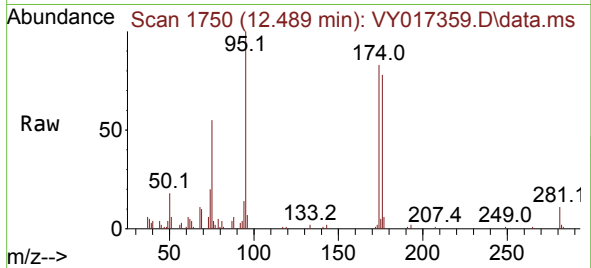




#76
1,2,3-Trichloropropane
Concen: 44.020 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

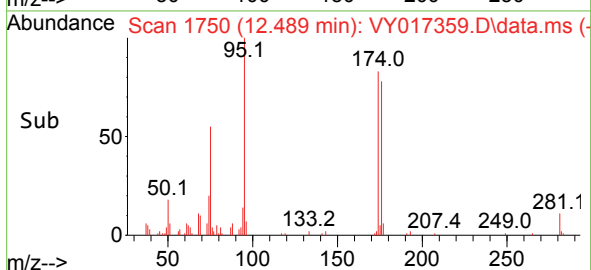
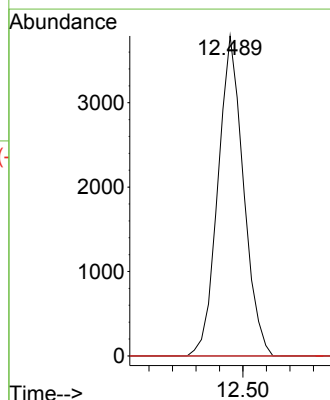
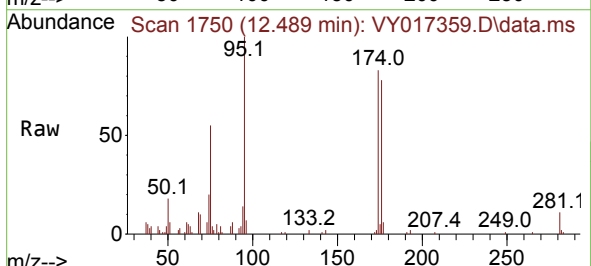
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-020924RE

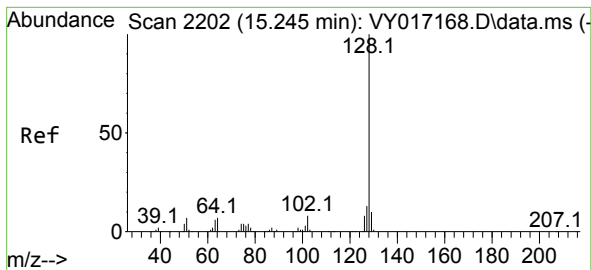
Tgt Ion: 75 Resp: 5732
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.467 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017359.D
Acq: 12 Feb 2024 17:29

Tgt Ion: 75 Resp: 5732
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 4.811 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY017359.D

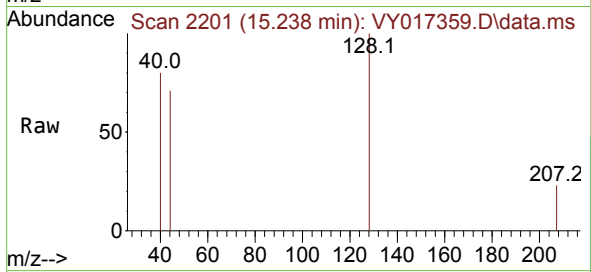
Acq: 12 Feb 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-020924RE



Tgt Ion:128 Resp: 555

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

