

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017189.D
 Acq On : 02 Feb 2024 17:11
 Operator : SY/MD
 Sample : P1311-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 02 22:32:37 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)

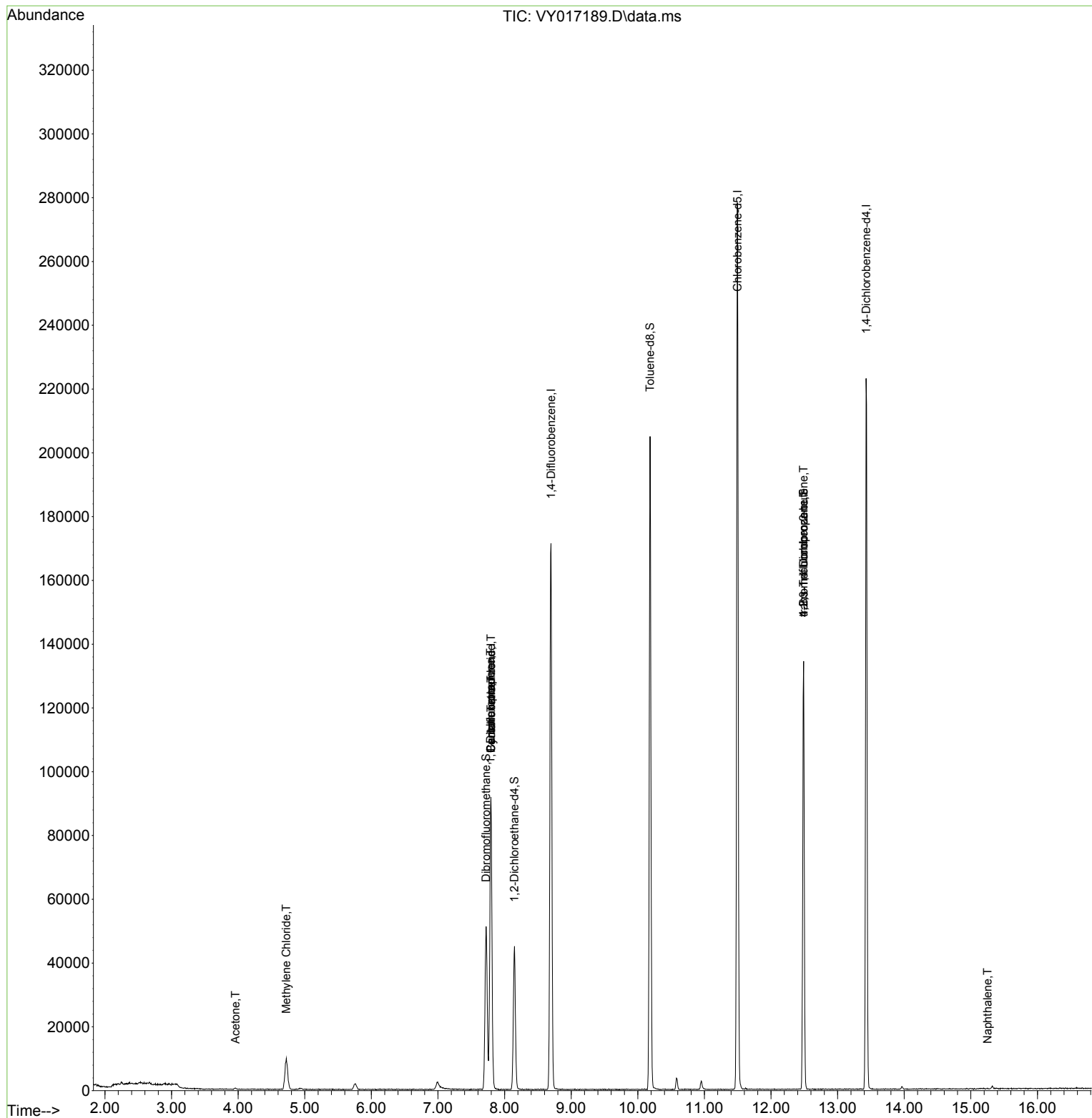
Internal Standards						
1) Pentafluorobenzene	7.795	168	69917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	150228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	149881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	33681	53.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.840%	
35) Dibromofluoromethane	7.722	113	36070	44.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.940%	
50) Toluene-d8	10.185	98	131796	44.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.260%	
62) 4-Bromofluorobenzene	12.489	95	41510	42.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	186	Below Cal	#	75
16) Acetone	3.960	43	653	3.557	ug/l	95
20) Methylene Chloride	4.722	84	7027	6.283	ug/l	98
31) Cyclohexane	7.795	56	1548	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6041	4.318	ug/l #	51
38) Carbon Tetrachloride	7.795	117	7150	5.337	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	22179	42.657	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	22179	88.636	ug/l #	12
95) Naphthalene	15.251	128	161	3.523	ug/l #	69

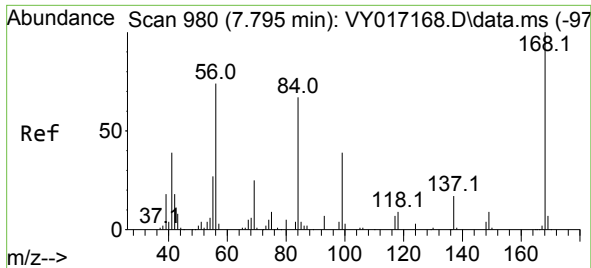
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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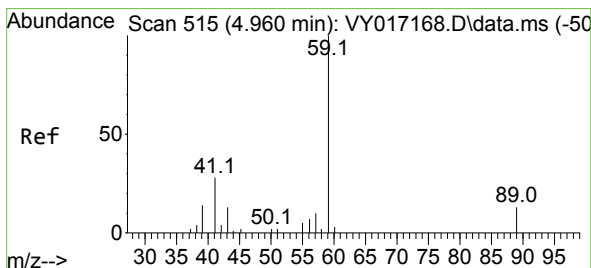
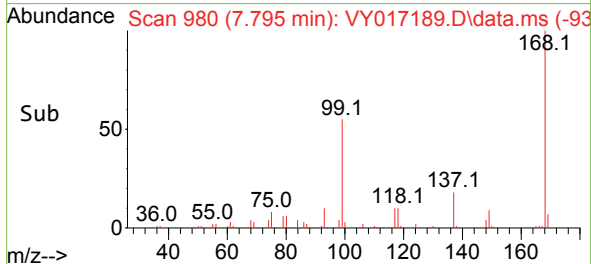
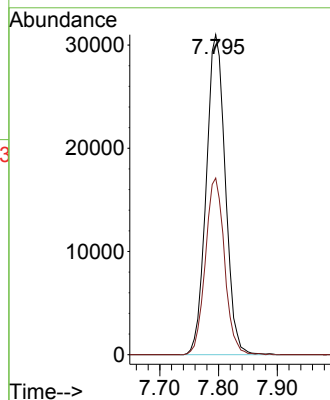
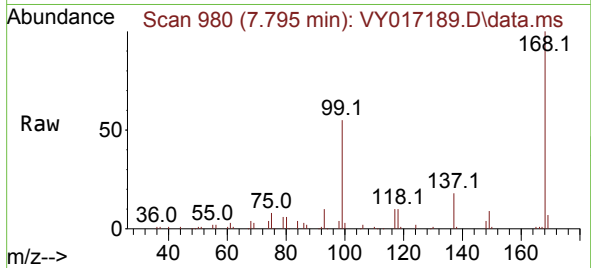




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

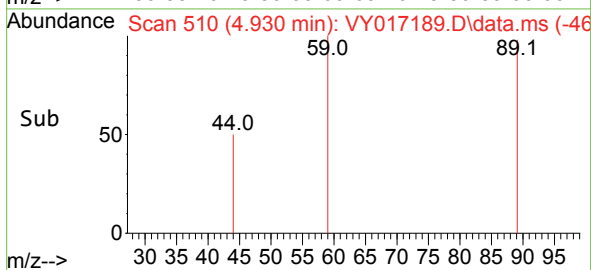
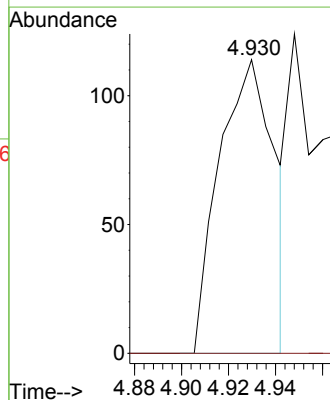
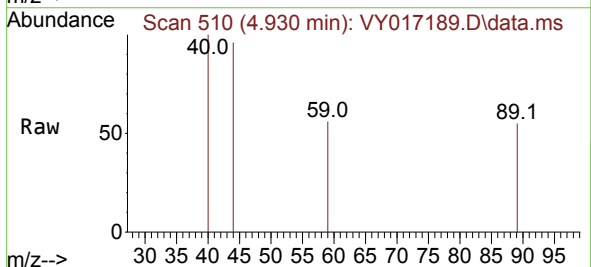
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

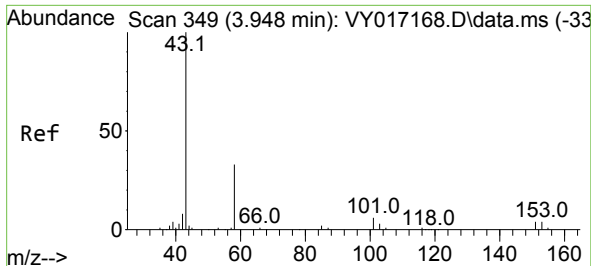
Tgt Ion:168 Resp: 69917
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.557 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.013 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

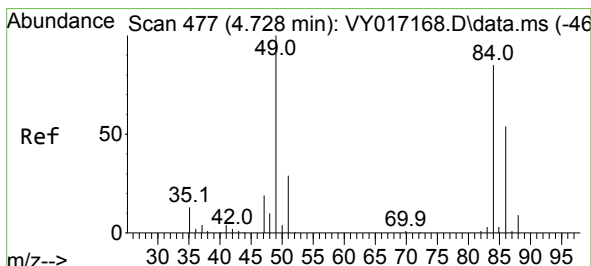
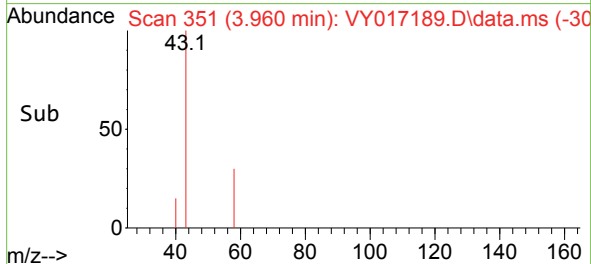
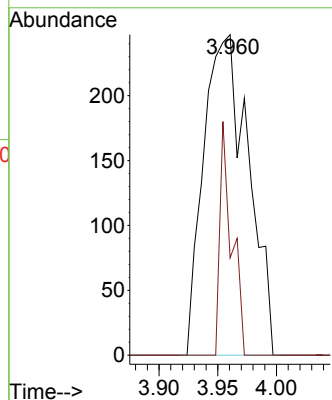
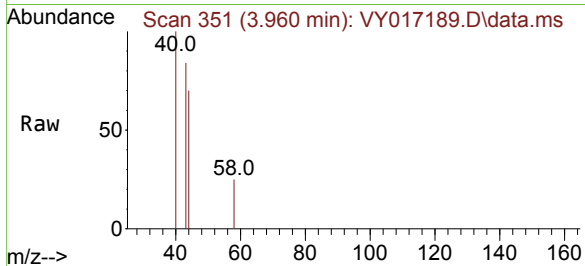
TP-2

Tgt Ion: 43 Resp: 653

Ion Ratio Lower Upper

43 100

58 30.4 26.6 39.8



#20

Methylene Chloride

Concen: 6.283 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

Tgt Ion: 84 Resp: 7027

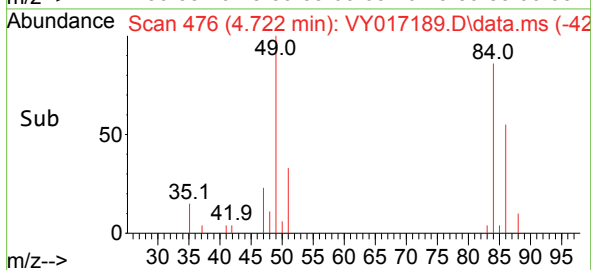
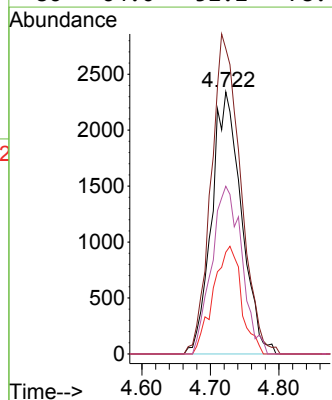
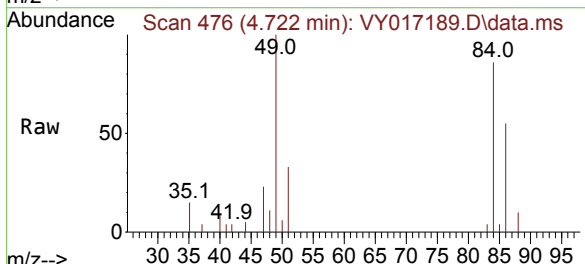
Ion Ratio Lower Upper

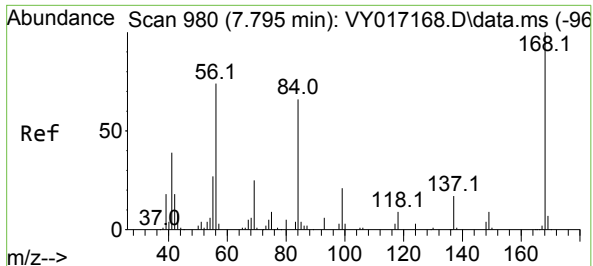
84 100

49 116.5 95.2 142.8

51 38.8 29.9 44.9

86 64.0 52.2 78.4

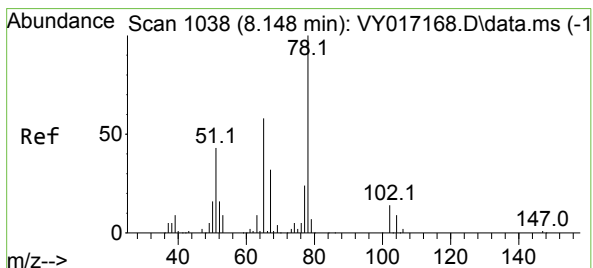
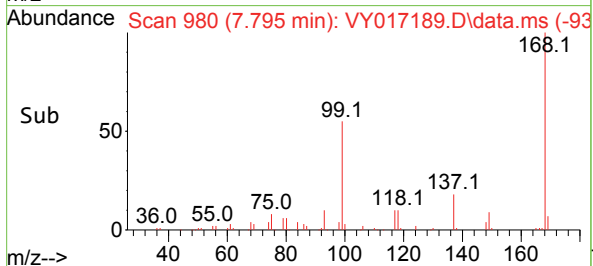
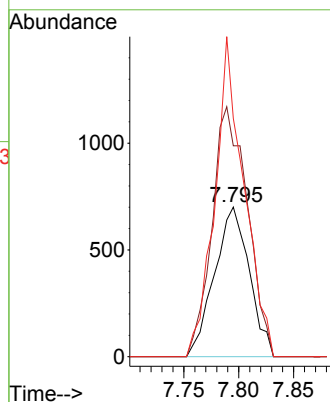
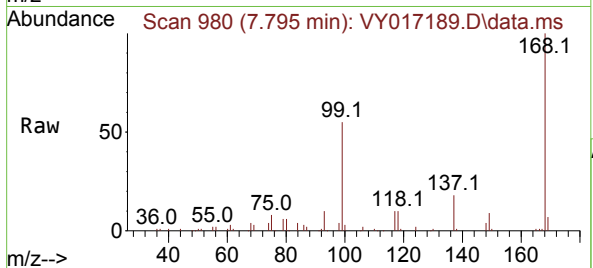




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

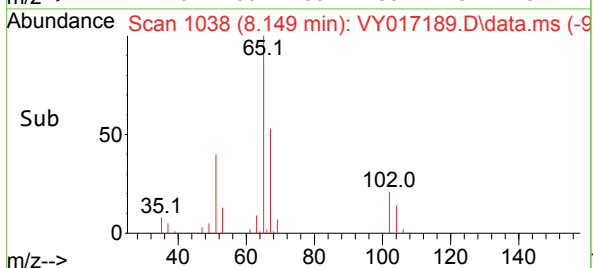
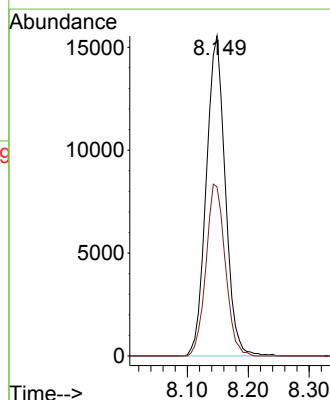
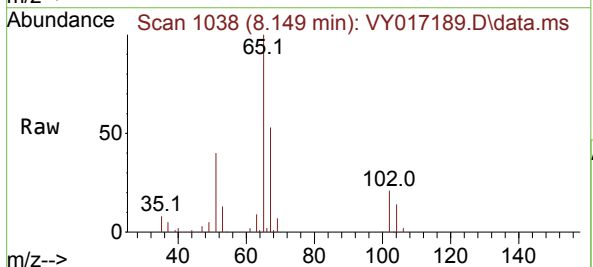
Instrument :
MSVOA_Y
ClientSampleId :
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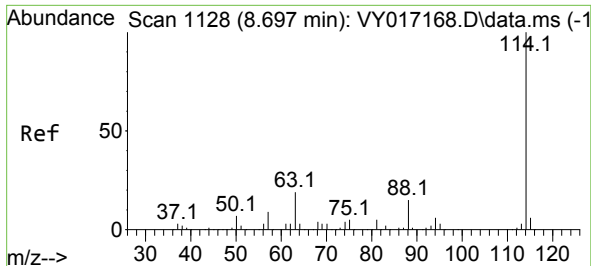
Tgt Ion: 56 Resp: 1548
Ion Ratio Lower Upper
56 100
69 140.9 27.0 40.6#
84 159.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.925 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 65 Resp: 33681
Ion Ratio Lower Upper
65 100
67 54.5 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: VY017189.D

Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

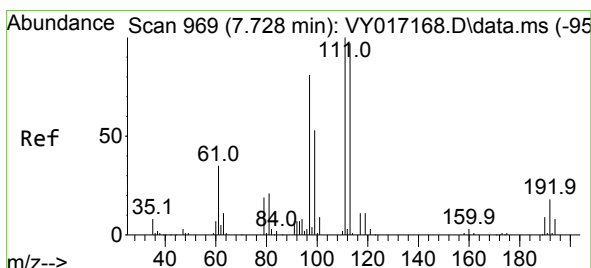
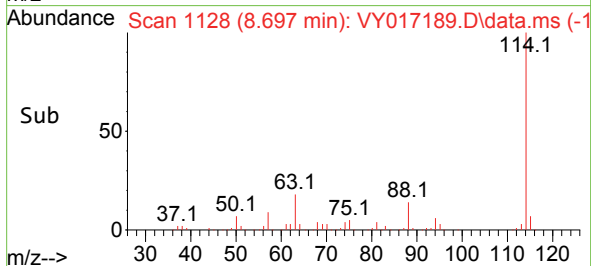
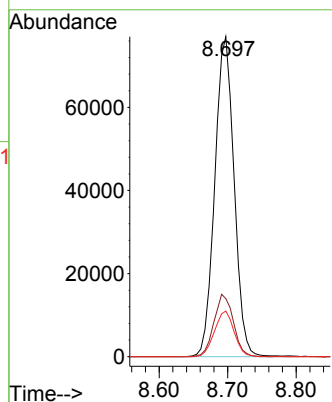
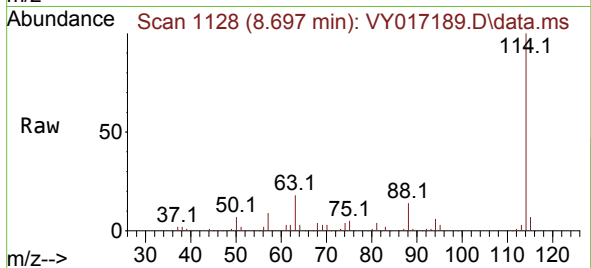
Tgt Ion:114 Resp: 150228

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.469 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

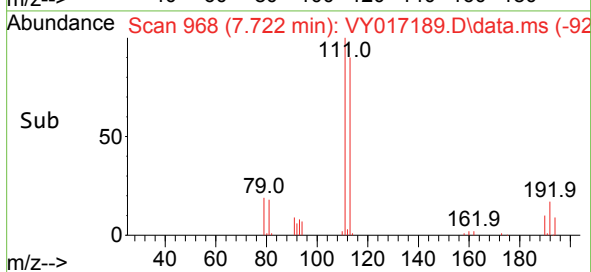
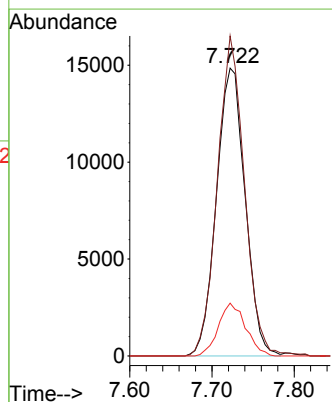
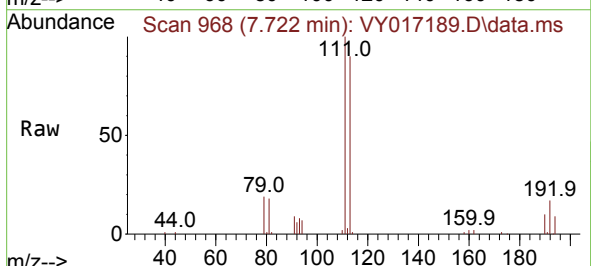
Tgt Ion:113 Resp: 36070

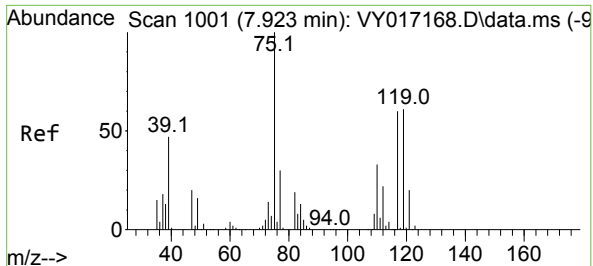
Ion Ratio Lower Upper

113 100

111 105.0 83.8 125.6

192 17.5 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.318 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

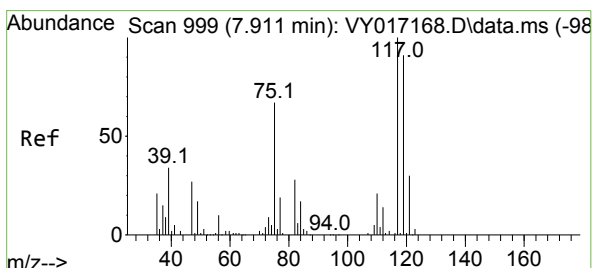
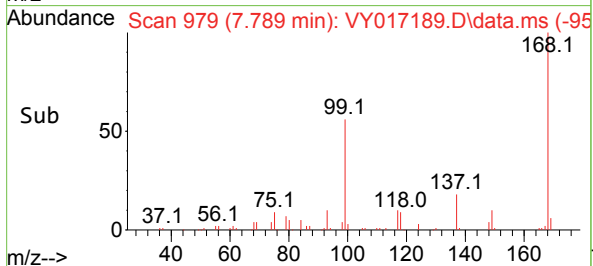
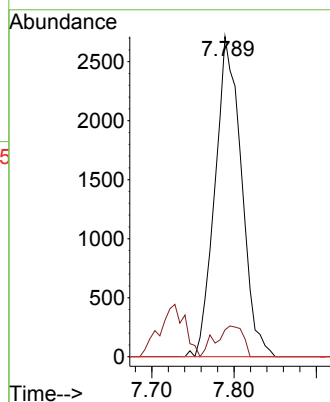
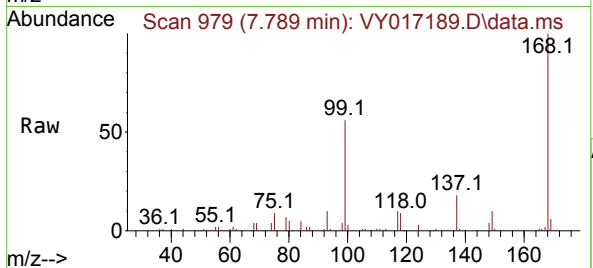
Tgt Ion: 75 Resp: 6041

Ion Ratio Lower Upper

75 100

110 9.9 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.337 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.115 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

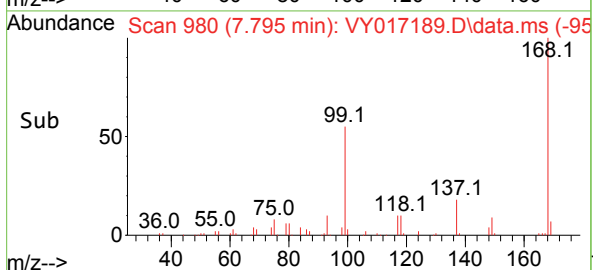
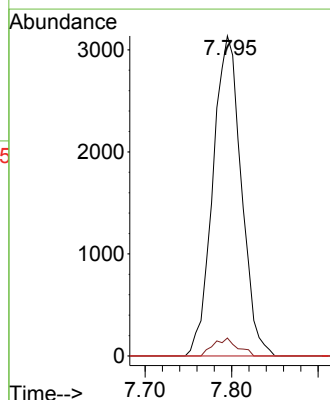
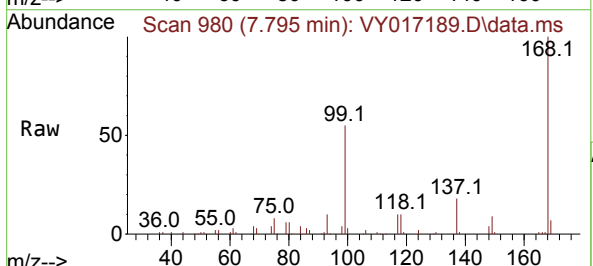
Tgt Ion: 117 Resp: 7150

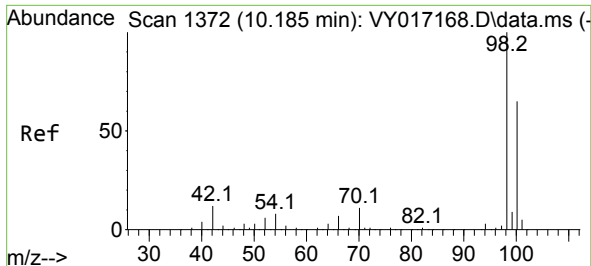
Ion Ratio Lower Upper

117 100

119 5.6 76.0 114.0#

121 0.0 24.2 36.2#

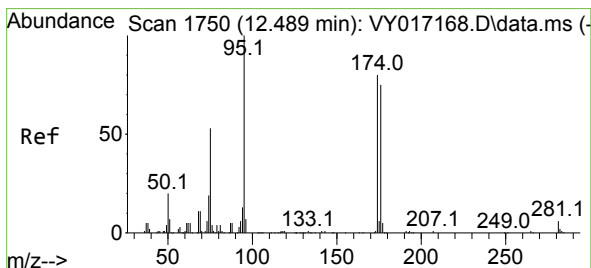
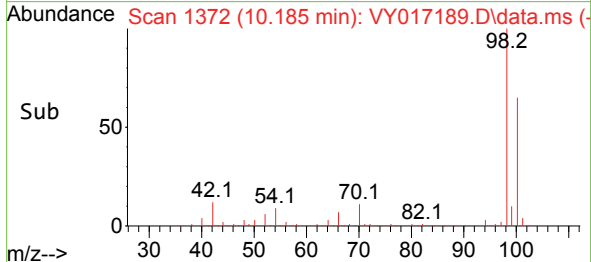
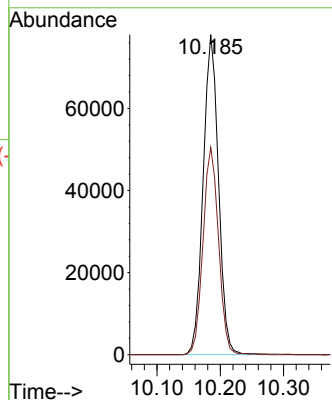
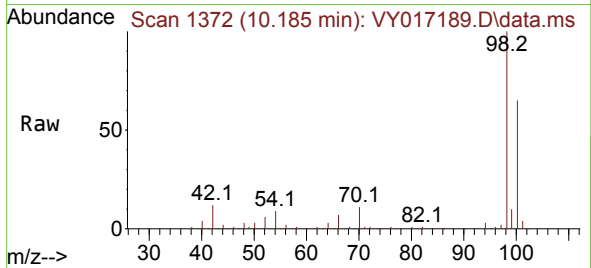




#50
Toluene-d8
Concen: 44.627 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

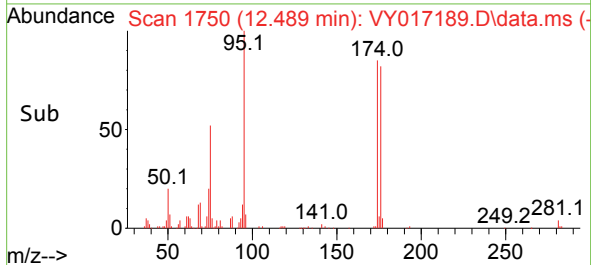
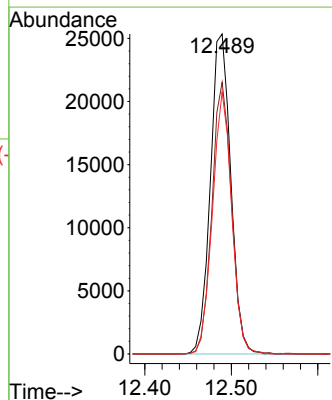
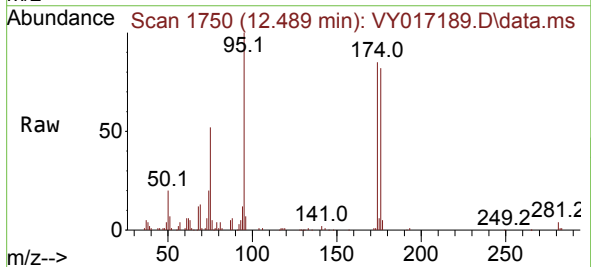
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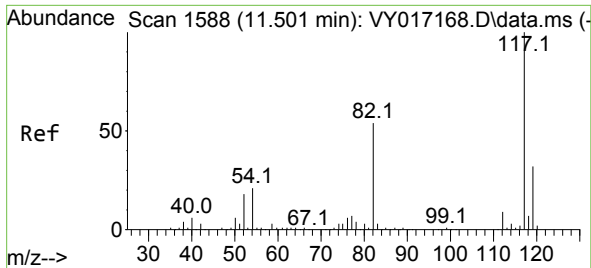
Tgt Ion: 98 Resp: 131796
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.907 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion: 95 Resp: 41510
Ion Ratio Lower Upper
95 100
174 81.6 0.0 160.0
176 77.3 0.0 151.8

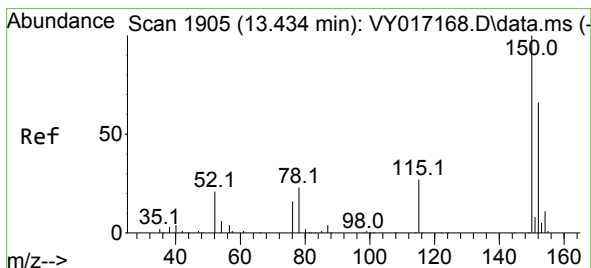
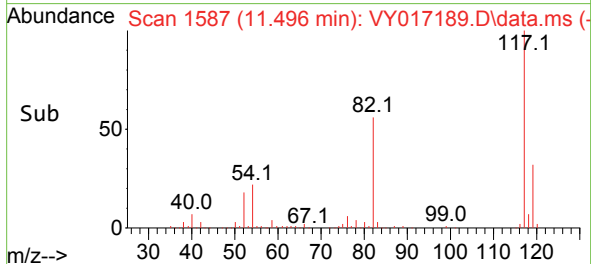
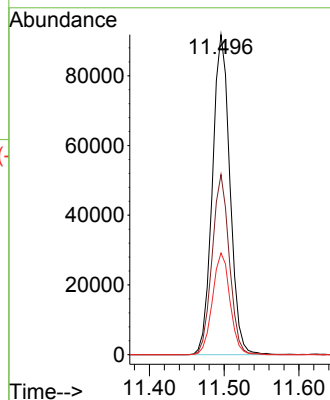
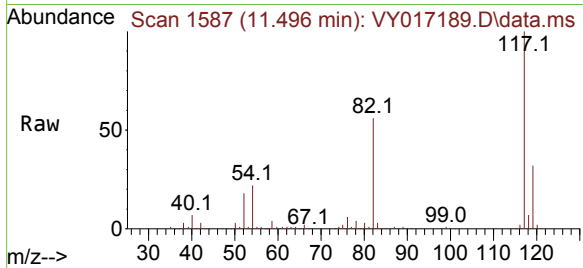




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

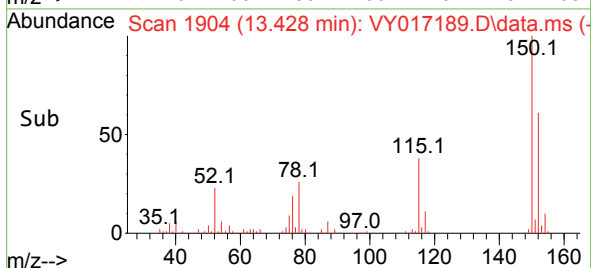
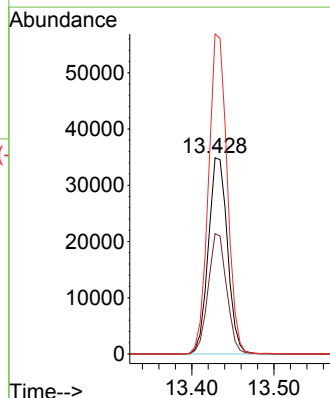
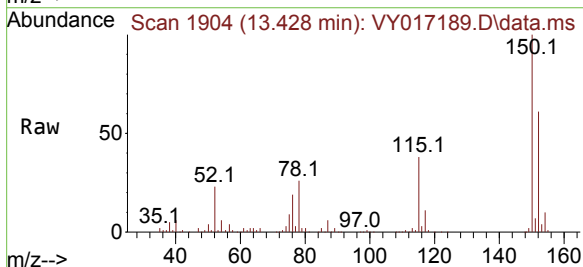
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

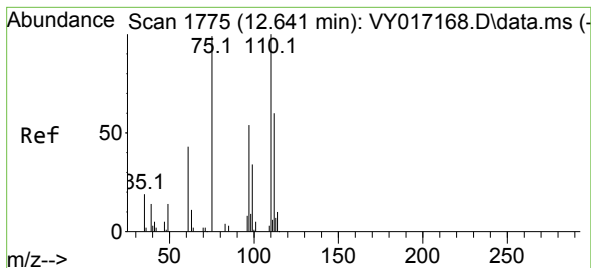
Tgt Ion:117 Resp: 149881
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017189.D
Acq: 02 Feb 2024 17:11

Tgt Ion:152 Resp: 56332
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 159.1 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.657 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

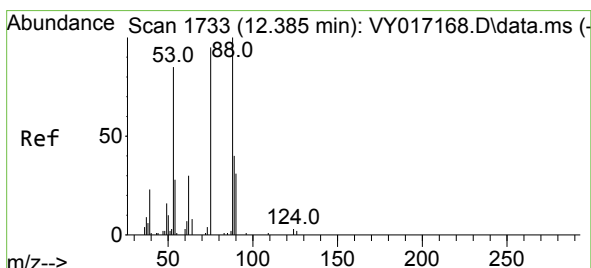
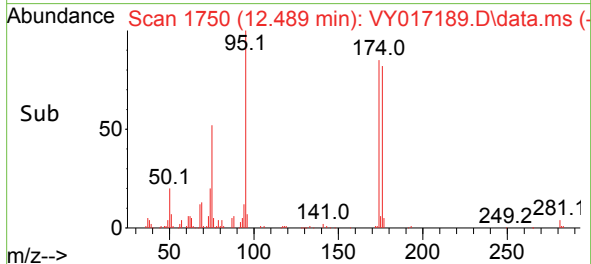
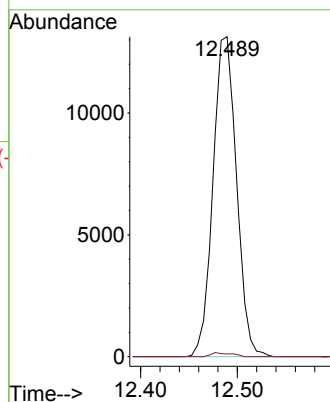
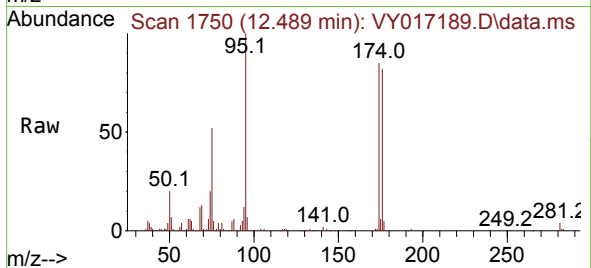
TP-2

Tgt Ion: 75 Resp: 22179

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.636 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017189.D

Acq: 02 Feb 2024 17:11

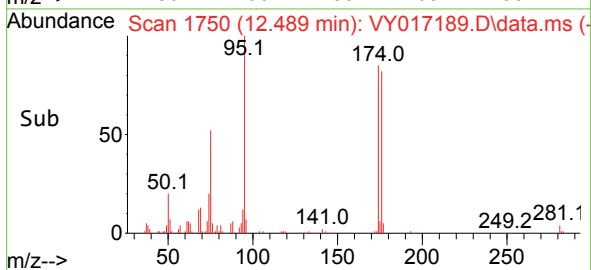
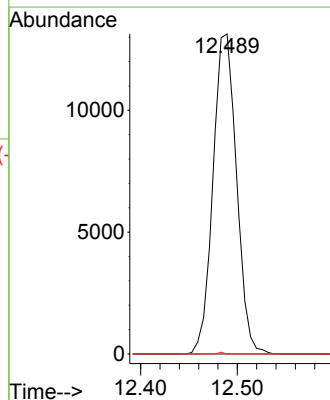
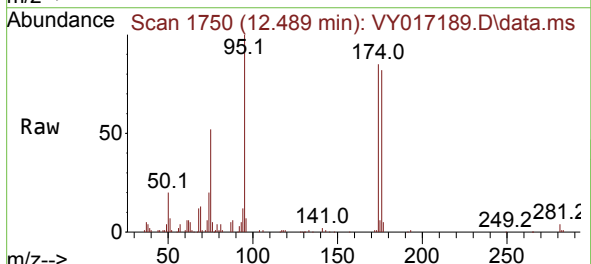
Tgt Ion: 75 Resp: 22179

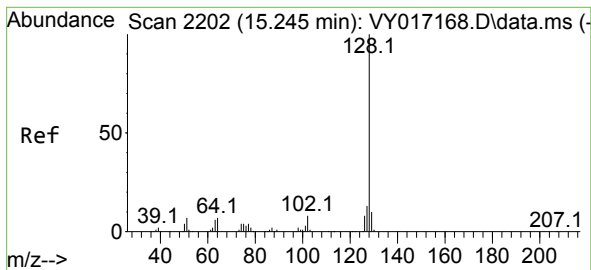
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.1 36.5 54.7#





#95

Naphthalene

Concen: 3.523 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017189.D

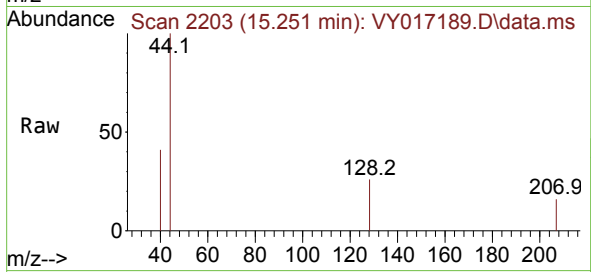
Acq: 02 Feb 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-2



Tgt Ion:128 Resp: 161

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

