

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017752.D
 Acq On : 25 Mar 2024 15:11
 Operator : SY/MD
 Sample : P1847-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-032224

Quant Time: Mar 26 03:34:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

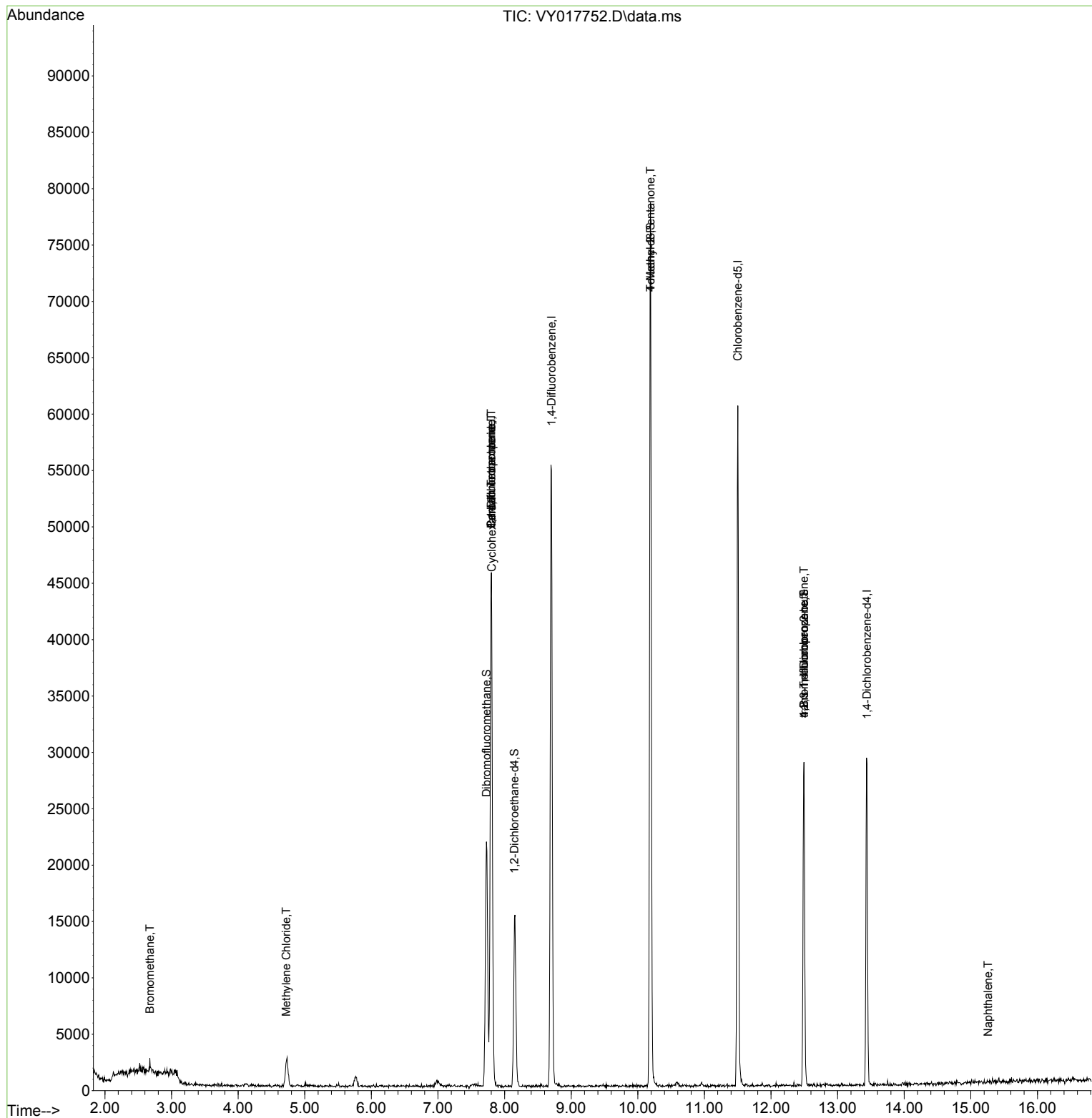
Internal Standards						
1) Pentafluorobenzene	7.801	168	37653	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	51213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	35377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	8537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11958	36.454	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.900%
35) Dibromofluoromethane	7.728	113	15799	51.609	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.191	98	54599	46.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.495	95	9621	27.347	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.700%
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	482	1.212	ug/l #	72
20) Methylene Chloride	4.722	84	1863	4.465	ug/l	88
31) Cyclohexane	7.807	56	743	1.145	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	2799	5.918	ug/l #	43
38) Carbon Tetrachloride	7.801	117	3679	7.429	ug/l #	19
51) 4-Methyl-2-Pentanone	10.191	43	183	6.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	4750	60.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	4750	139.227	ug/l #	16
95) Naphthalene	15.257	128	41	2.784	ug/l #	69

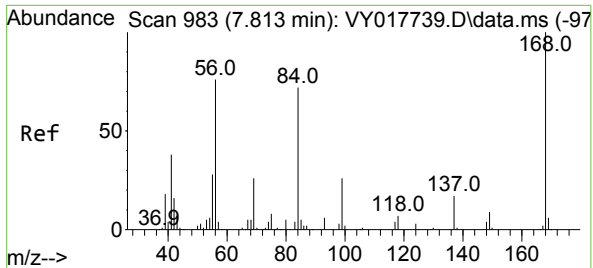
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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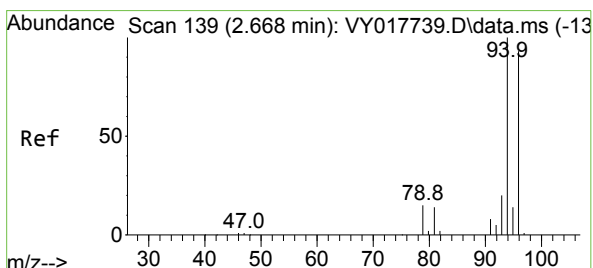
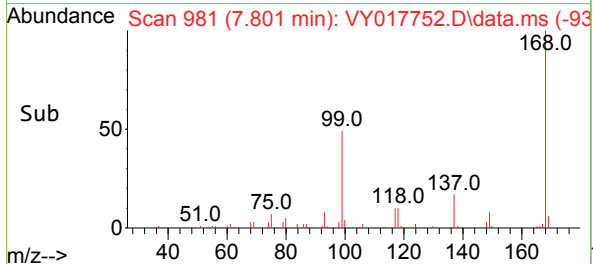
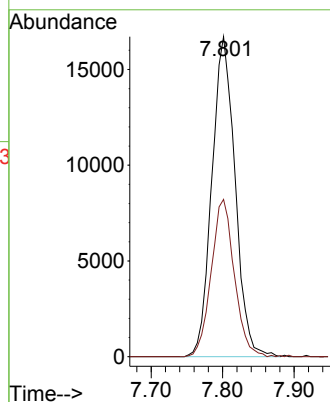
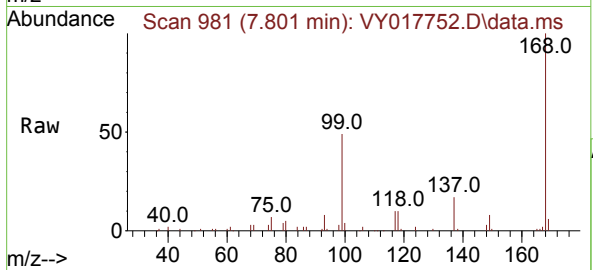




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

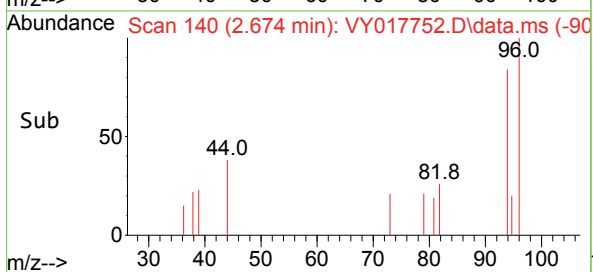
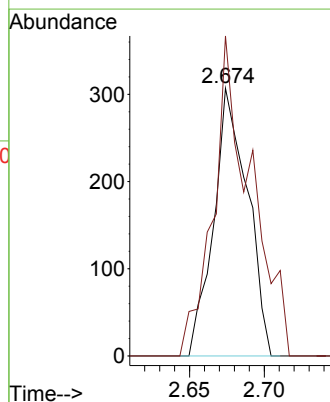
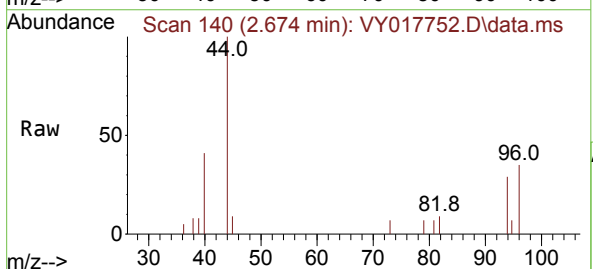
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-032224

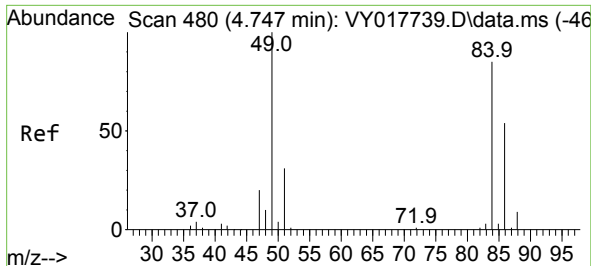
Tgt Ion:168 Resp: 37653
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#5
Bromomethane
Concen: 1.212 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.006 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

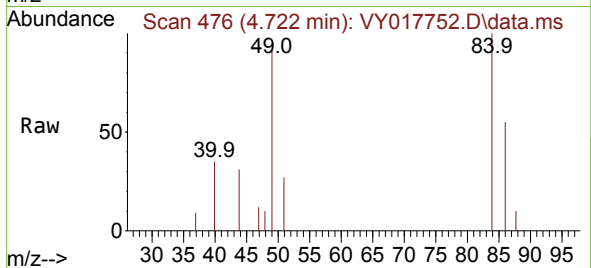
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 119.5 74.1 111.1#



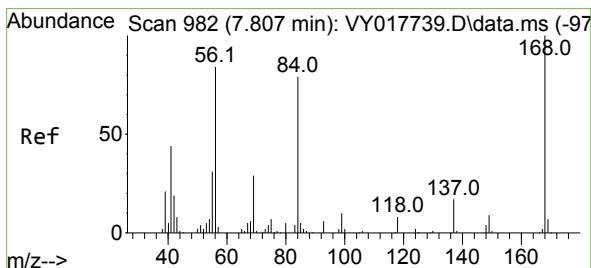
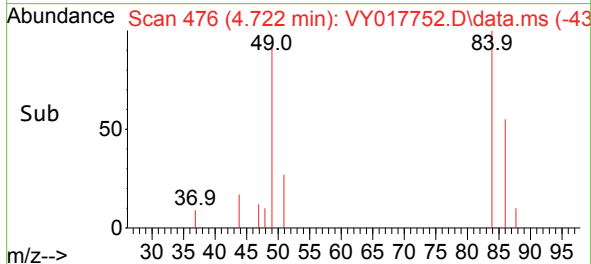
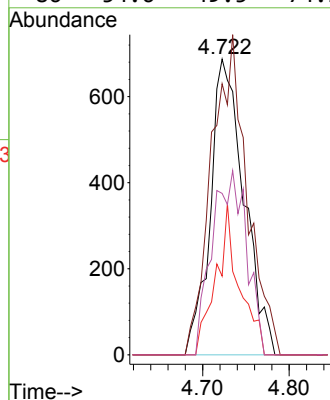


#20
Methylene Chloride
Concen: 4.465 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-032224

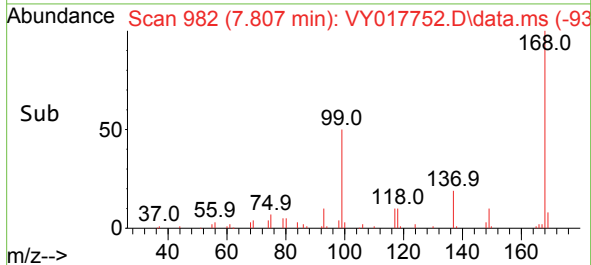
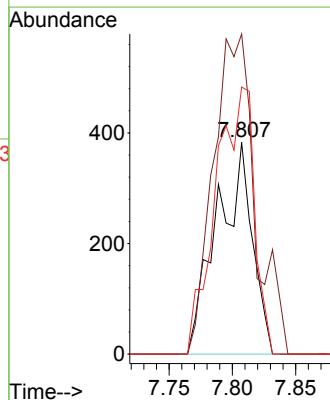
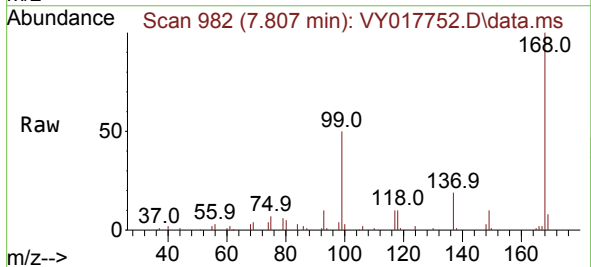


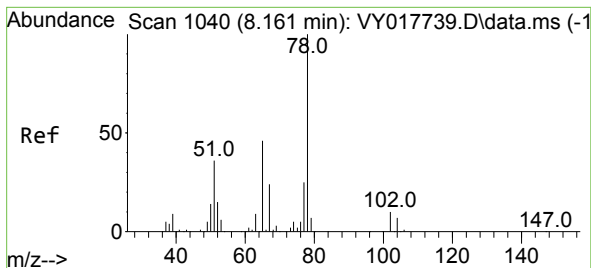
Tgt Ion:	84	Resp:	1863
Ion	Ratio	Lower	Upper
84	100		
49	91.7	84.4	126.6
51	26.6	26.0	39.0
86	54.6	49.5	74.3



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

Tgt Ion:	56	Resp:	743
Ion	Ratio	Lower	Upper
56	100		
69	151.2	28.7	43.1#
84	126.1	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 36.454 ug/l

RT: 8.149 min Scan# 11958

Delta R.T. -0.012 min

Lab File: VY017752.D

Acq: 25 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

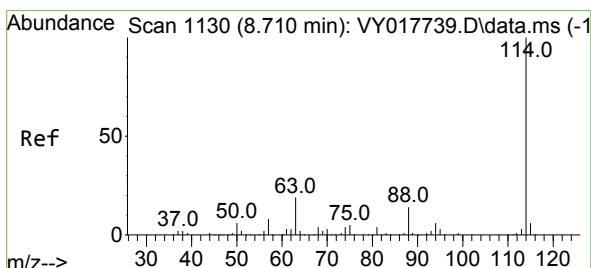
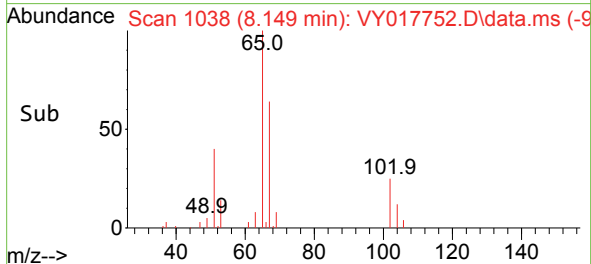
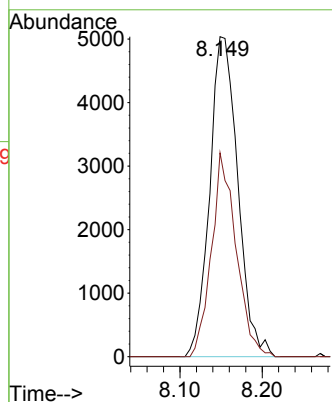
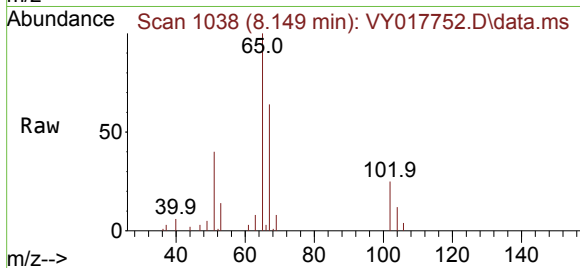
SU-02-032224

Tgt Ion: 65 Resp: 11958

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017752.D

Acq: 25 Mar 2024 15:11

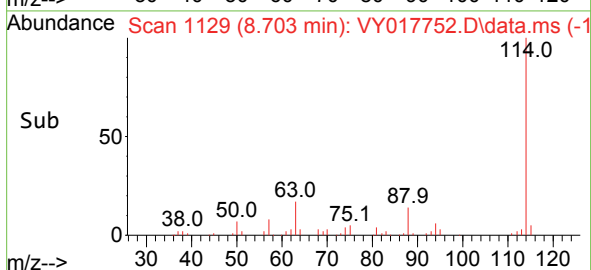
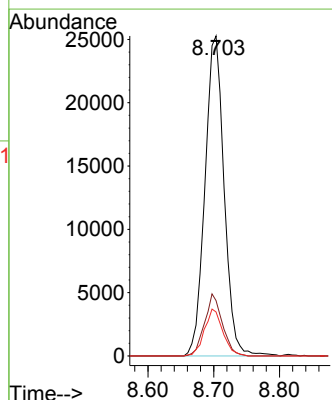
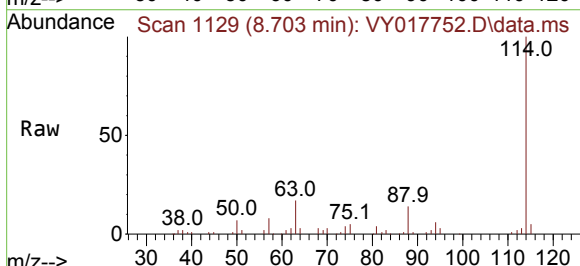
Tgt Ion: 114 Resp: 51213

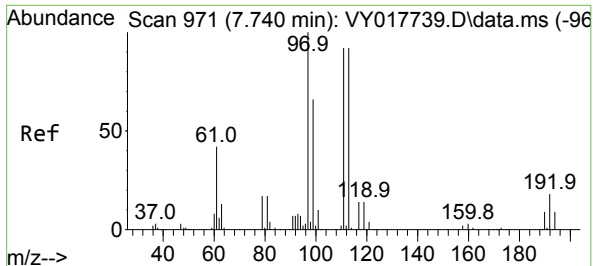
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.728 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY017752.D

Acq: 25 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-032224

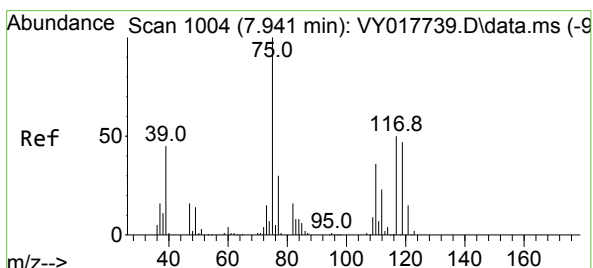
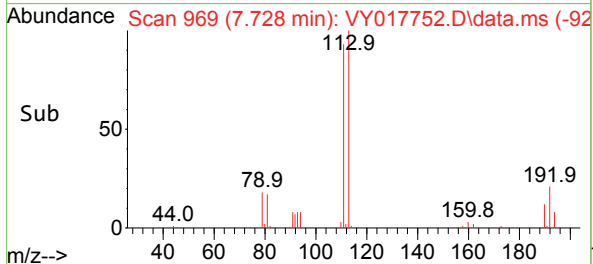
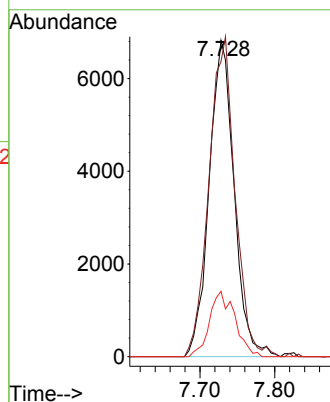
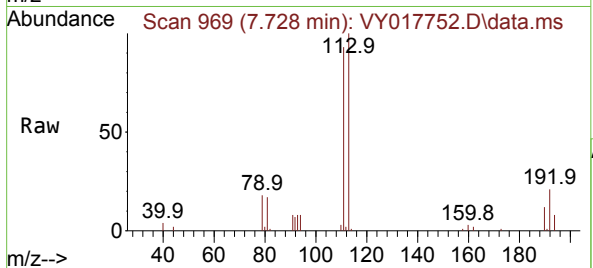
Tgt Ion:113 Resp: 15799

Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

192 21.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.918 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.140 min

Lab File: VY017752.D

Acq: 25 Mar 2024 15:11

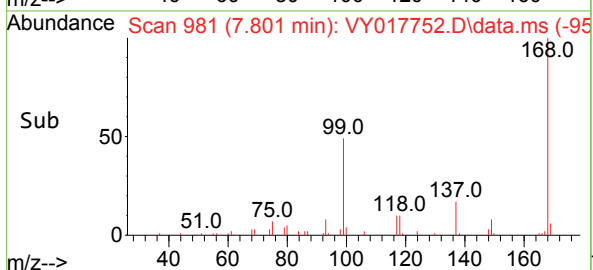
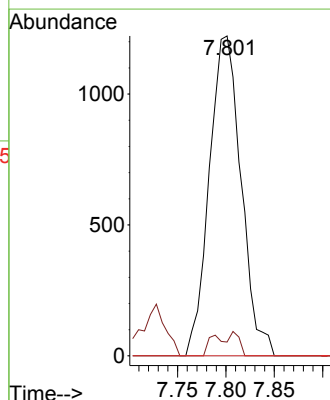
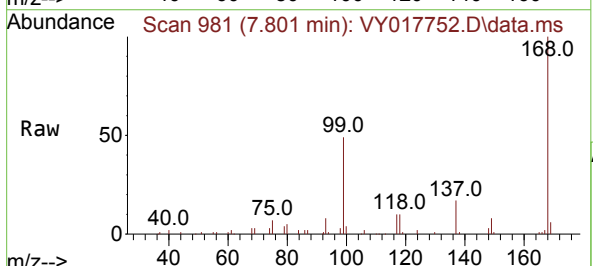
Tgt Ion: 75 Resp: 2799

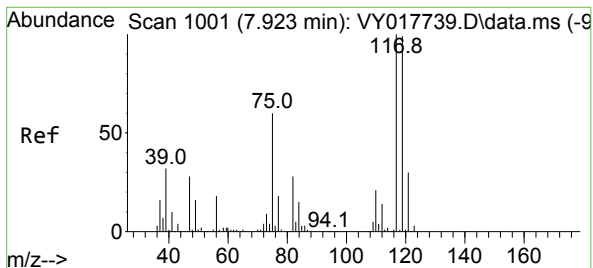
Ion Ratio Lower Upper

75 100

110 3.4 19.0 57.0#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.429 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY017752.D

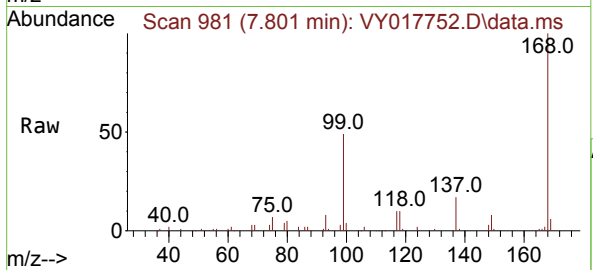
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Instrument :

MSVOA_Y

ClientSampleId :

SU-02-032224



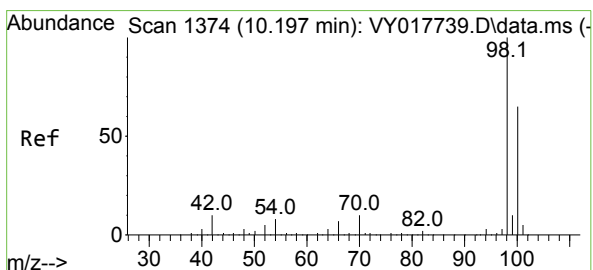
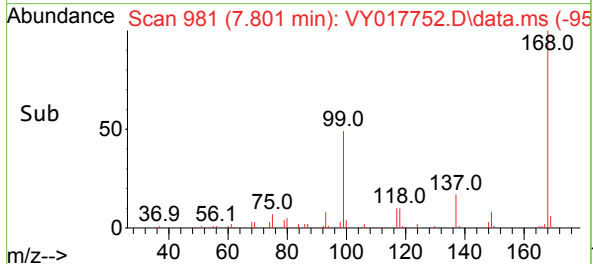
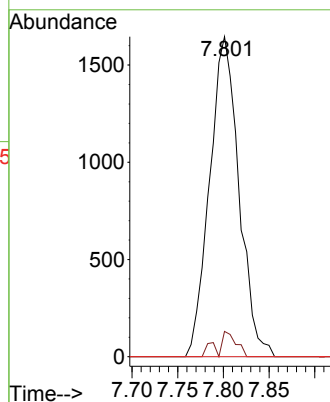
Tgt Ion:117 Resp: 3679

Ion Ratio Lower Upper

117 100

119 7.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 46.601 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017752.D

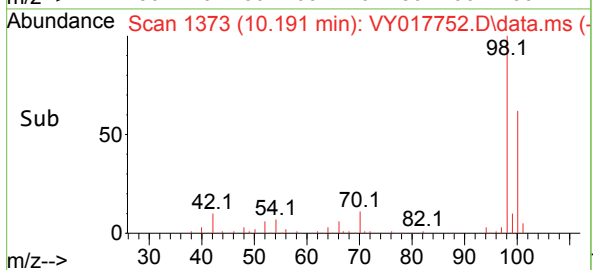
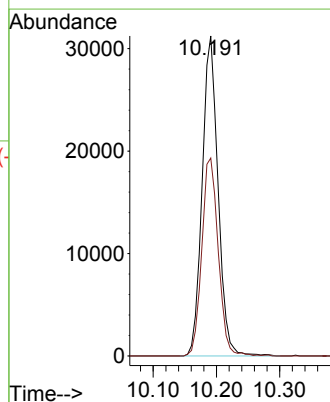
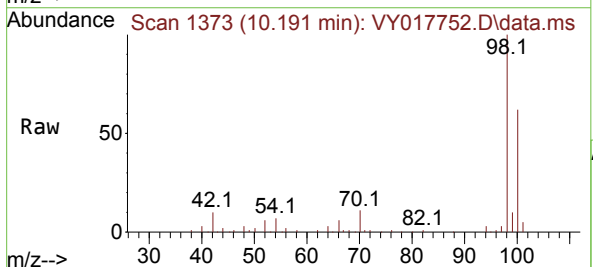
Acq: 25 Mar 2024 15:11

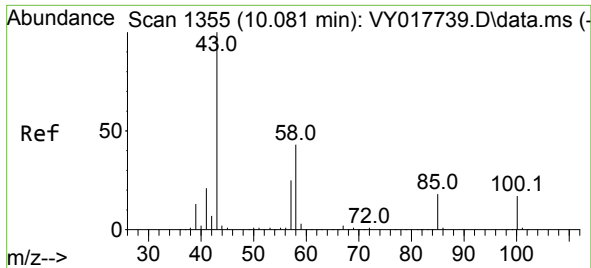
Tgt Ion: 98 Resp: 54599

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

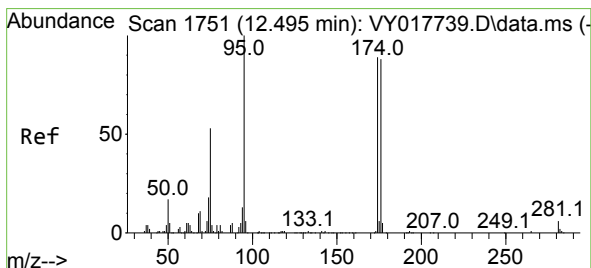
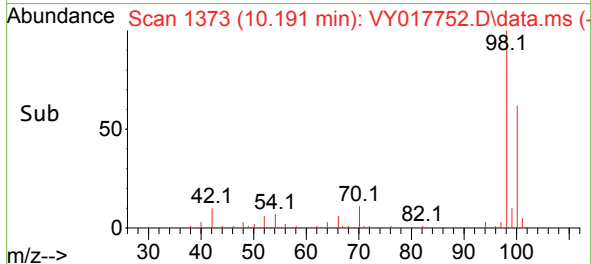
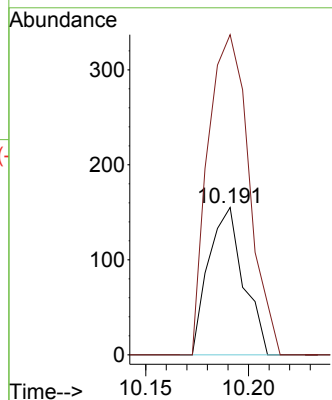
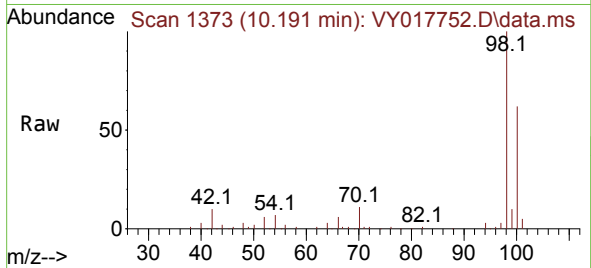




#51
4-Methyl-2-Pentanone
Concen: 6.566 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

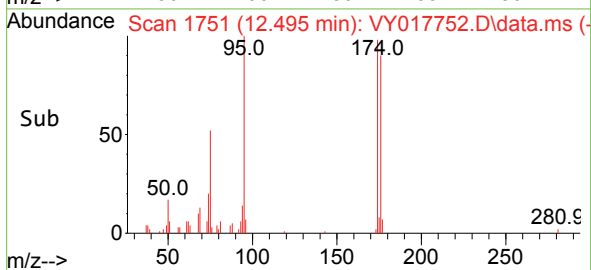
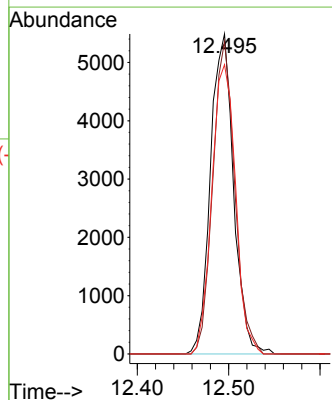
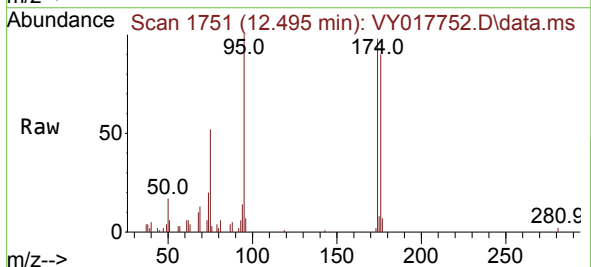
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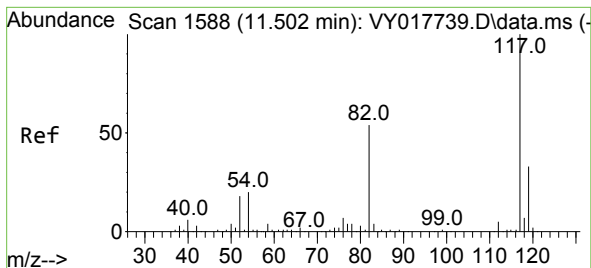
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
58 255.7 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 27.347 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

Tgt Ion: 95 Resp: 9621
Ion Ratio Lower Upper
95 100
174 93.2 0.0 175.6
176 92.9 0.0 171.4

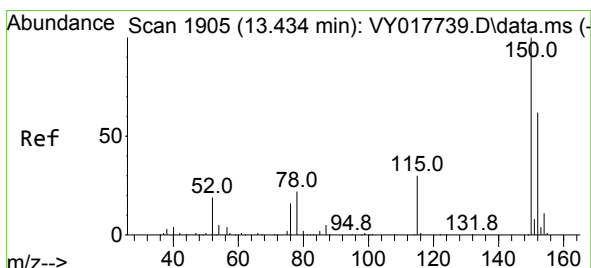
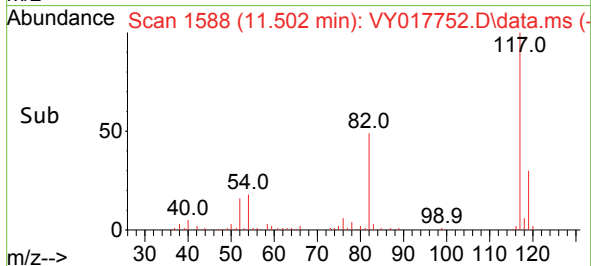
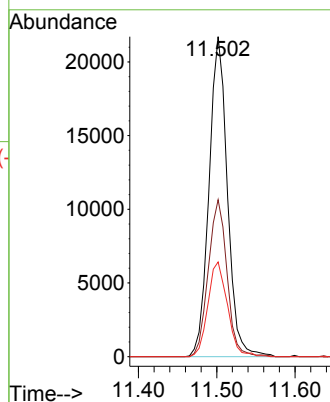
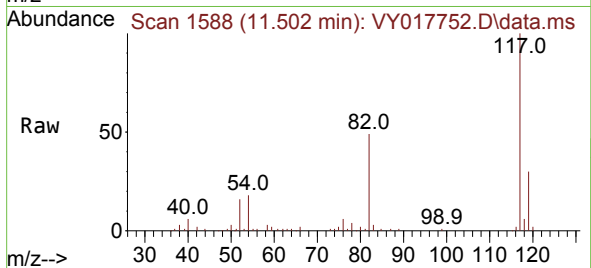




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

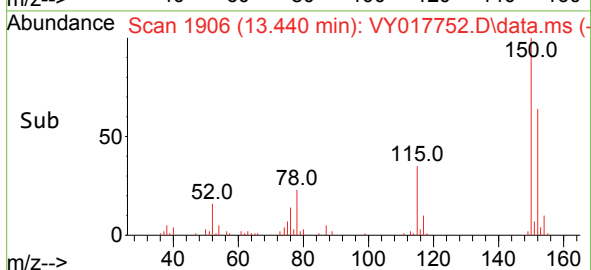
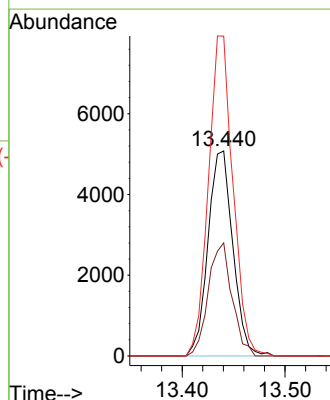
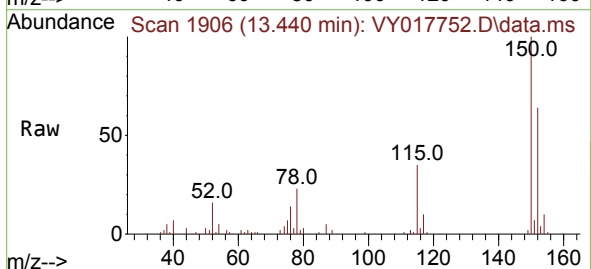
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-032224

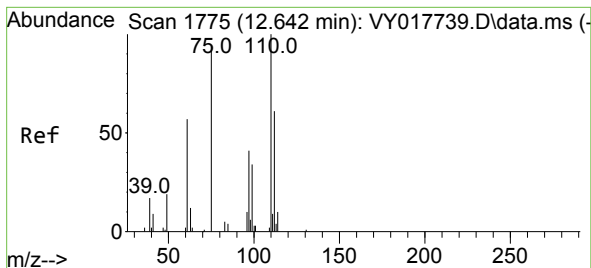
Tgt Ion:117 Resp: 35377
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 29.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017752.D
Acq: 25 Mar 2024 15:11

Tgt Ion:152 Resp: 8537
Ion Ratio Lower Upper
152 100
115 52.7 28.2 84.7
150 154.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 60.253 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017752.D

Acq: 25 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

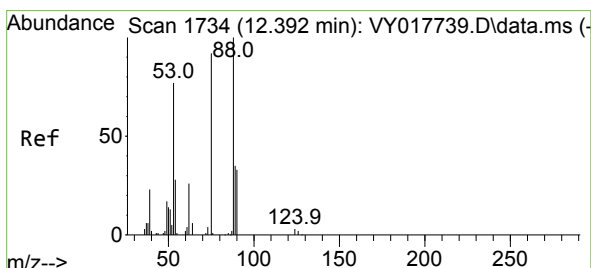
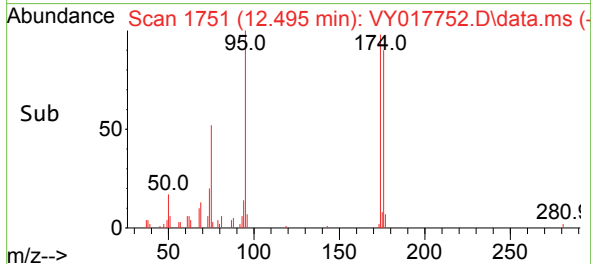
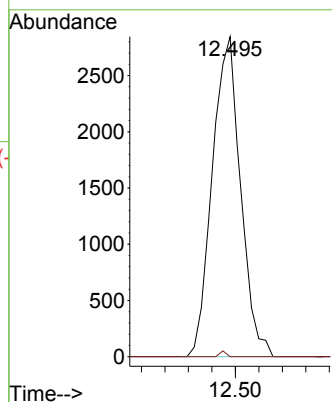
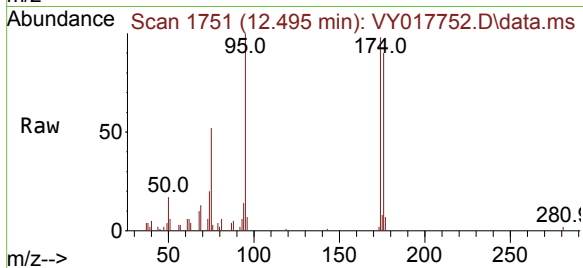
SU-02-032224

Tgt Ion: 75 Resp: 4750

Ion Ratio Lower Upper

75 100

77 0.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 139.227 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.104 min

Lab File: VY017752.D

Acq: 25 Mar 2024 15:11

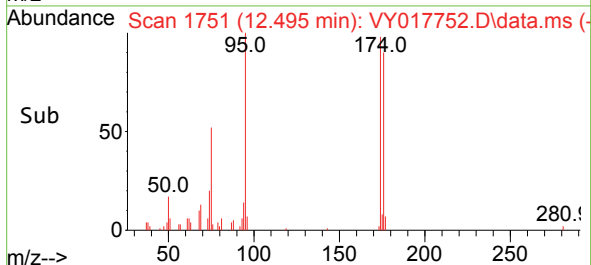
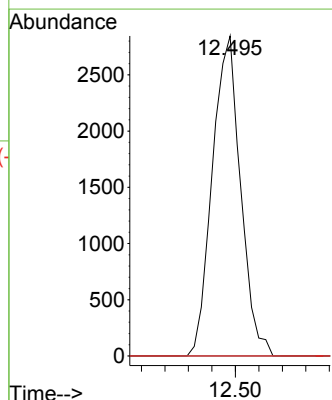
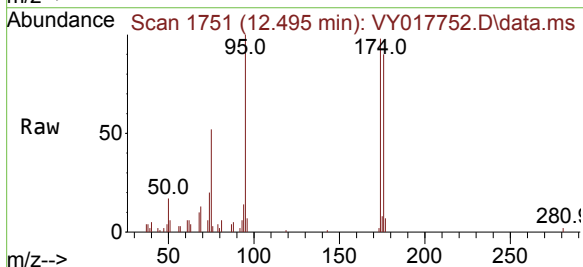
Tgt Ion: 75 Resp: 4750

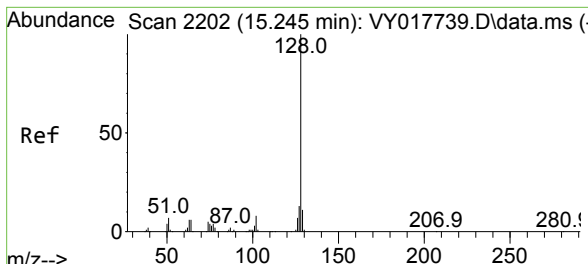
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 2.784 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY017752.D
 Acq: 25 Mar 2024 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-032224

Tgt Ion:	128	Resp:	41
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

