

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017610.D
 Acq On : 07 Mar 2024 18:20
 Operator : SY/MD
 Sample : P1705-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

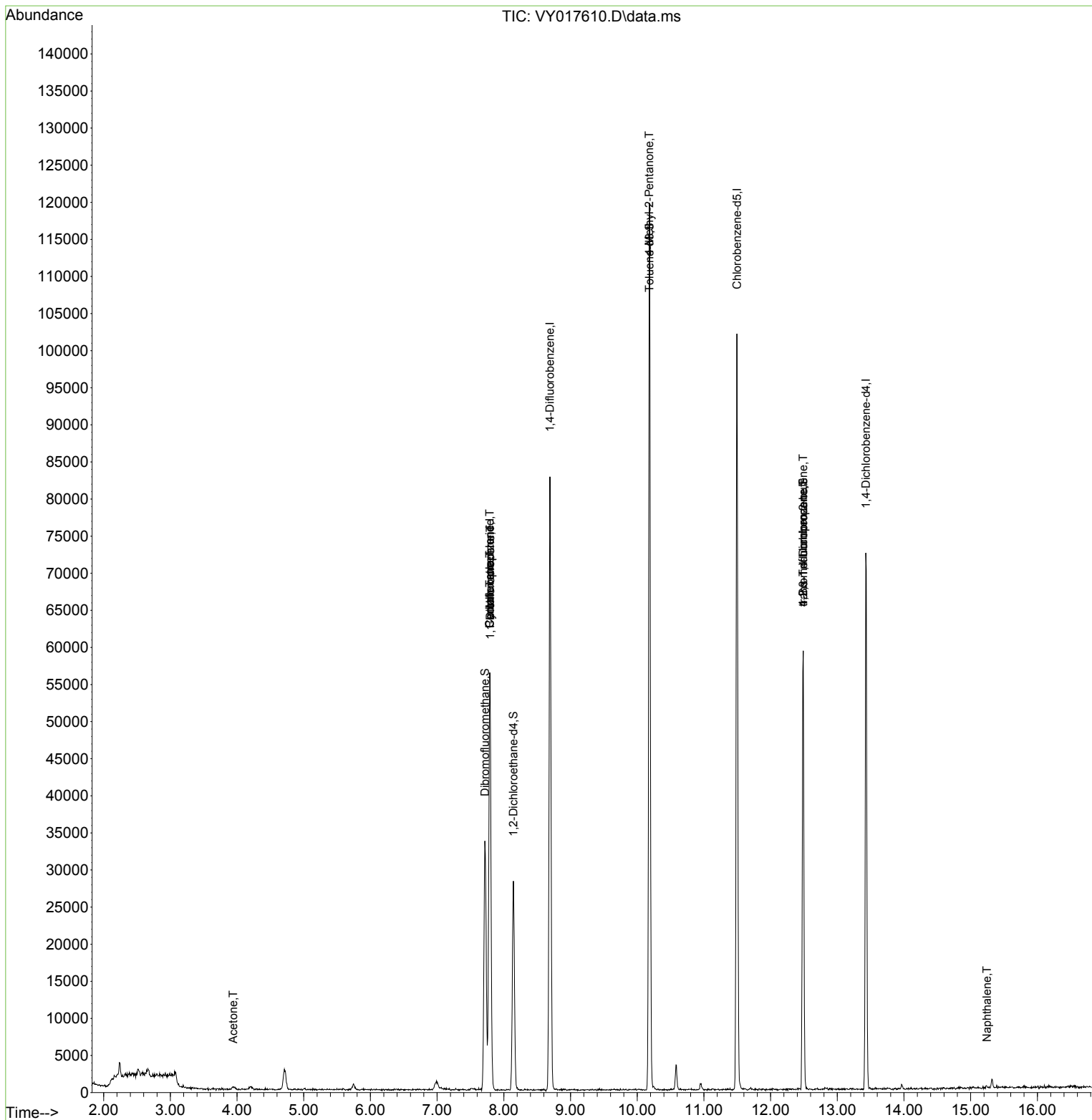
Quant Time: Mar 08 03:28:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

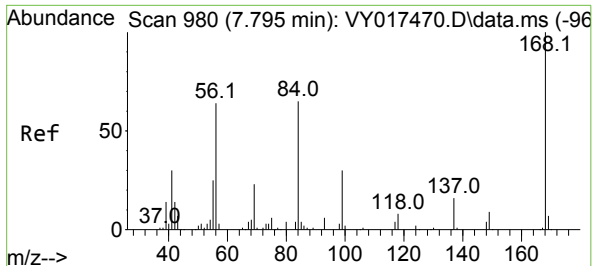
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	47178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20893	46.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.460%
35) Dibromofluoromethane	7.716	113	24671	47.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.185	98	81353	44.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.489	95	17934	31.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.000%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	798	9.202	ug/l #	36
20) Methylene Chloride	4.722	84	2299	Below Cal		91
31) Cyclohexane	7.789	56	936	1.286	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3649	5.220	ug/l #	46
38) Carbon Tetrachloride	7.789	117	4245	6.059	ug/l #	19
51) 4-Methyl-2-Pentanone	10.179	43	347	1.283	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	9814	51.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	9814	117.335	ug/l #	16
95) Naphthalene	15.245	128	263	4.297	ug/l #	69

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

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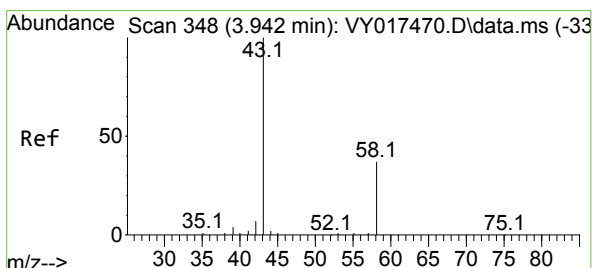
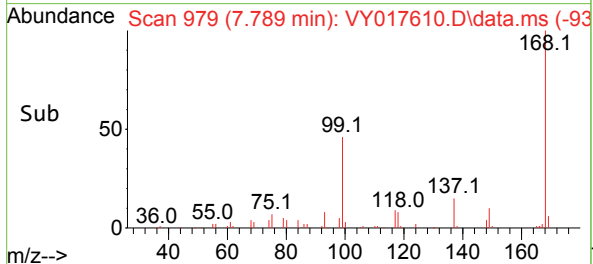
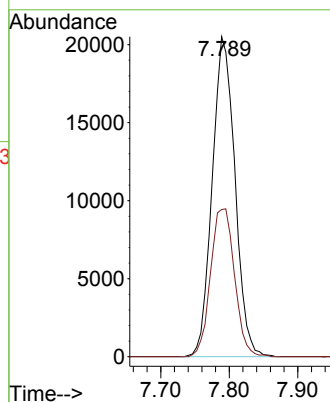
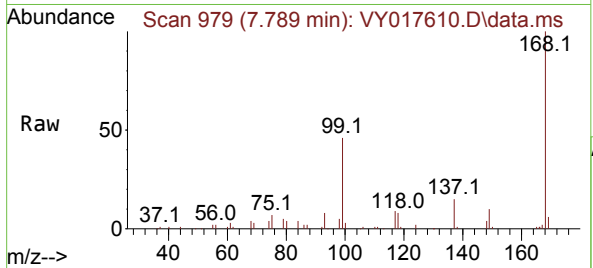




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

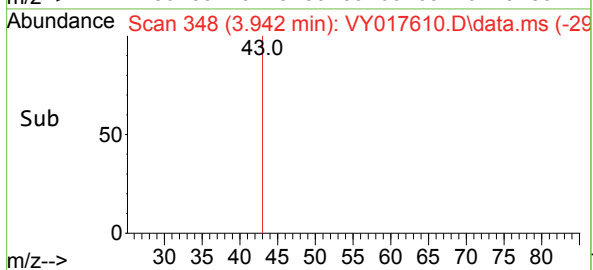
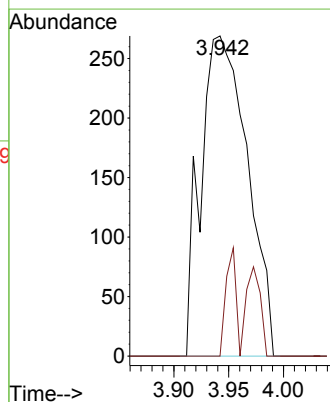
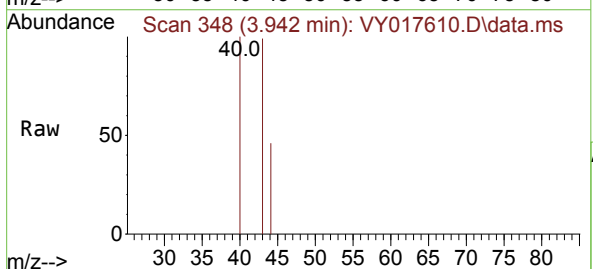
Instrument :
MSVOA_Y
ClientSampleId :
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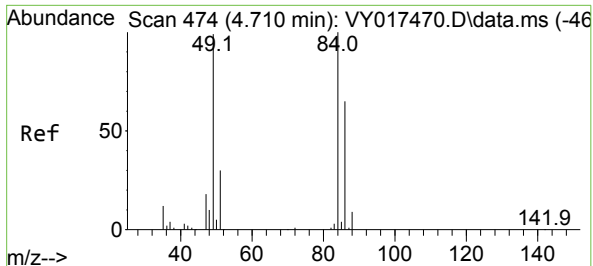
Tgt Ion:168 Resp: 47178
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#16
Acetone
Concen: 9.202 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 2299

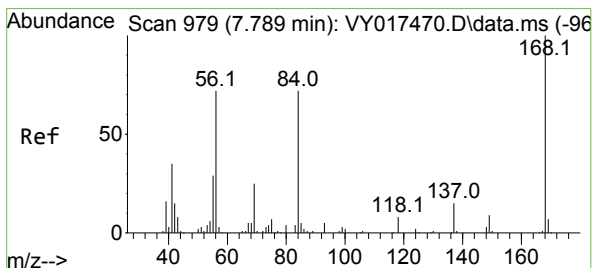
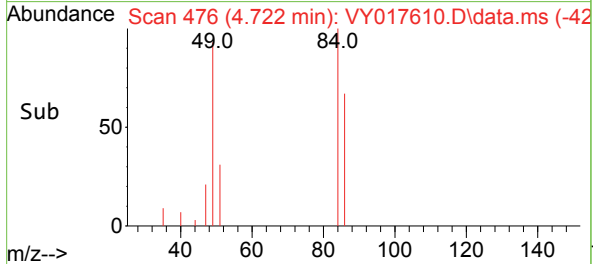
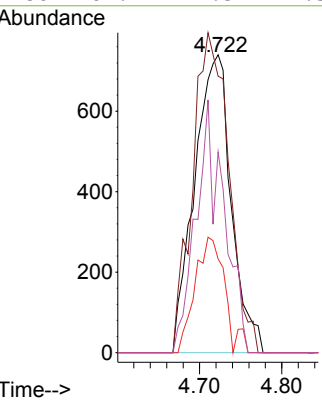
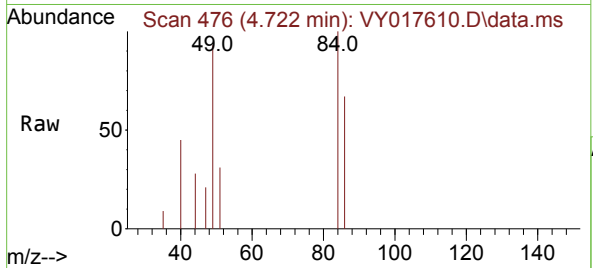
Ion Ratio Lower Upper

84 100

49 92.8 84.4 126.6

51 31.5 26.0 39.0

86 67.4 49.5 74.3



#31

Cyclohexane

Concen: 1.286 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

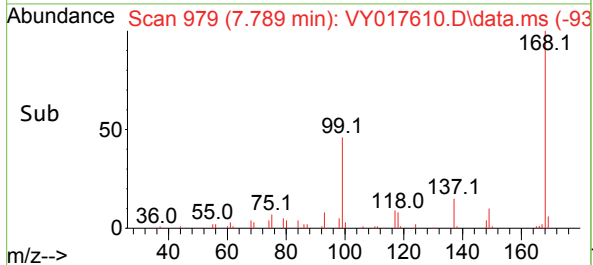
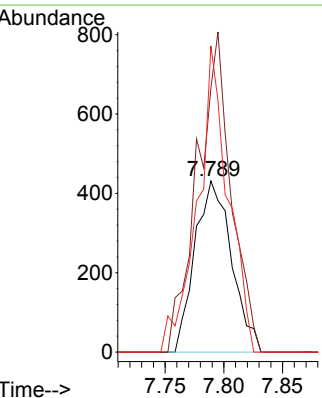
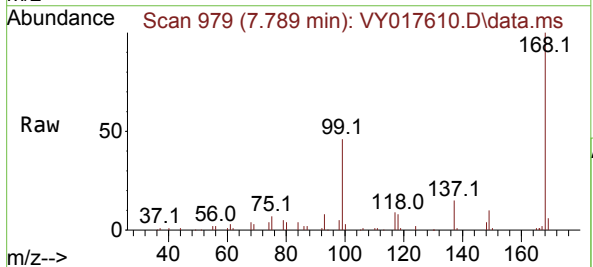
Tgt Ion: 56 Resp: 936

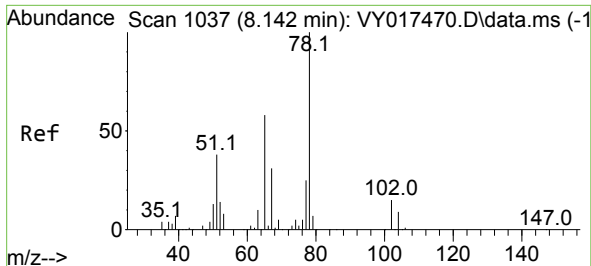
Ion Ratio Lower Upper

56 100

69 154.5 28.7 43.1#

84 179.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 46.728 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

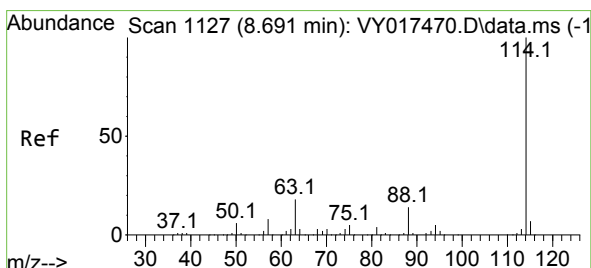
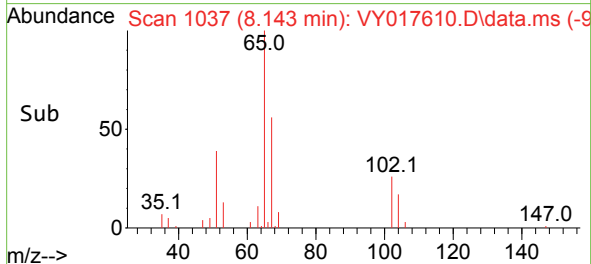
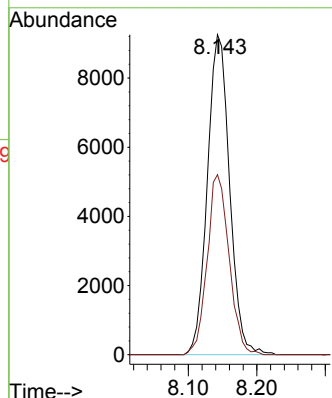
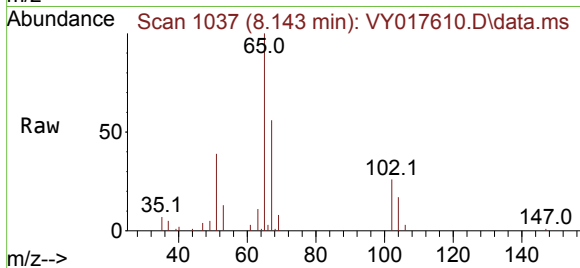
TP-1

Tgt Ion: 65 Resp: 20893

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

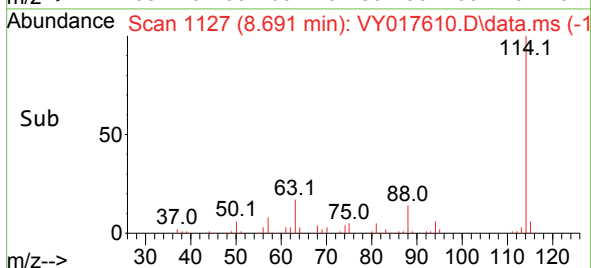
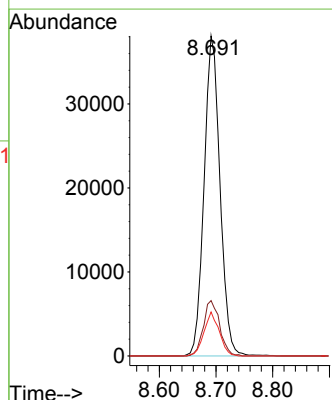
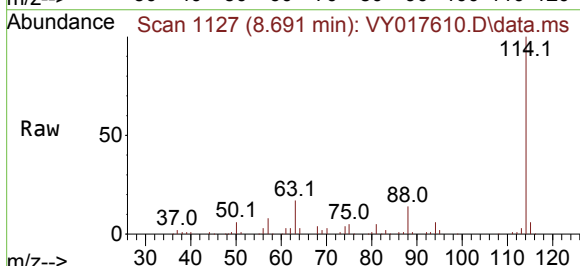
Tgt Ion: 114 Resp: 74352

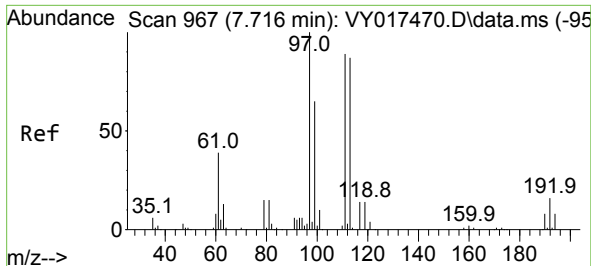
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.8 0.0 27.2

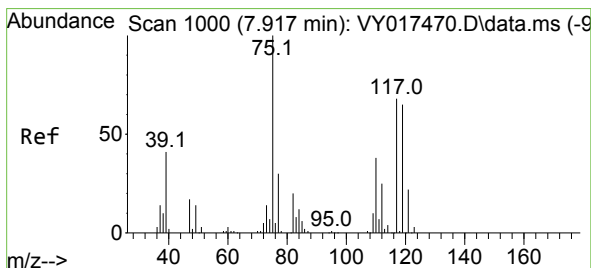
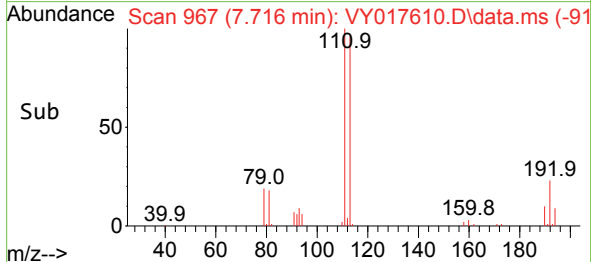
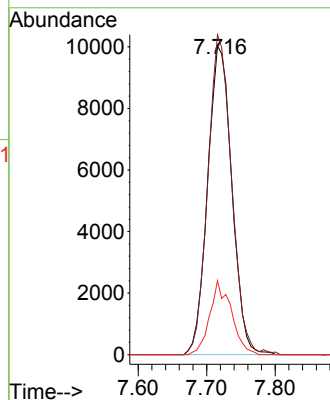
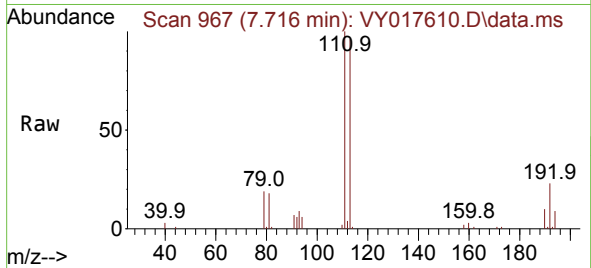




#35
Dibromofluoromethane
Concen: 47.617 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

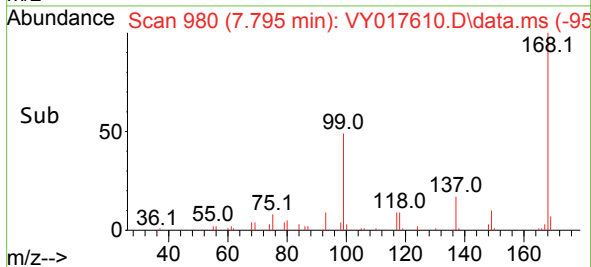
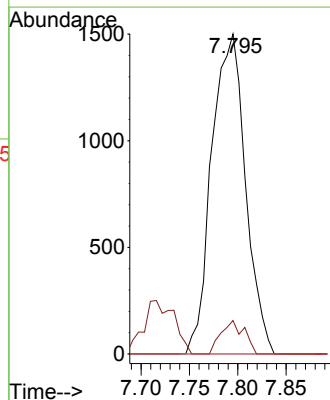
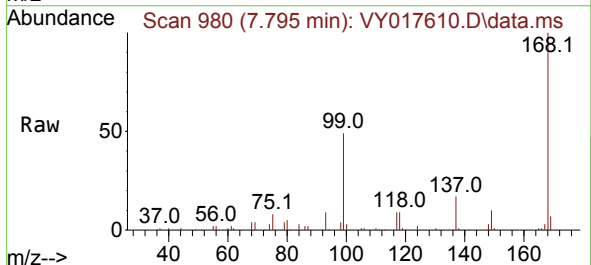
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

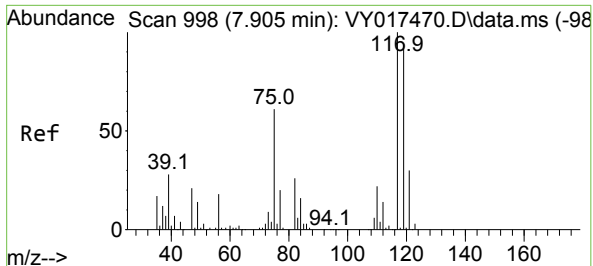
Tgt Ion:113 Resp: 24671
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

Tgt Ion: 75 Resp: 3649
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#

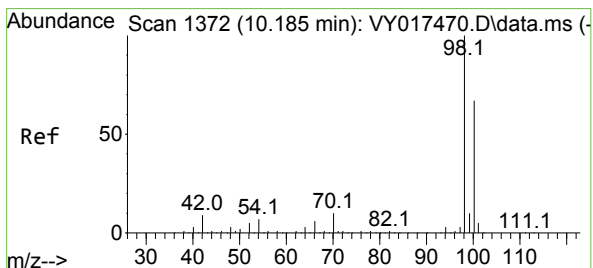
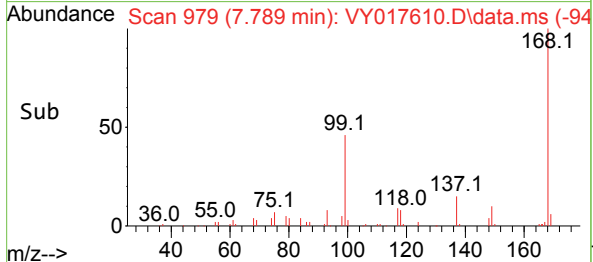
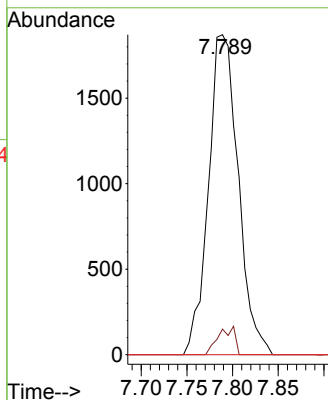
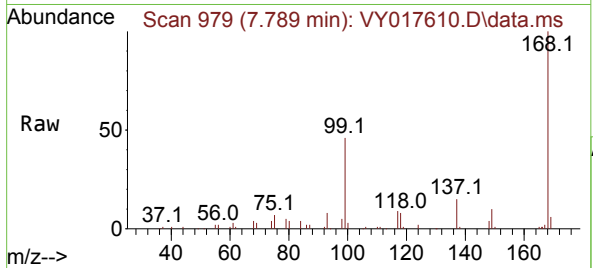




#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

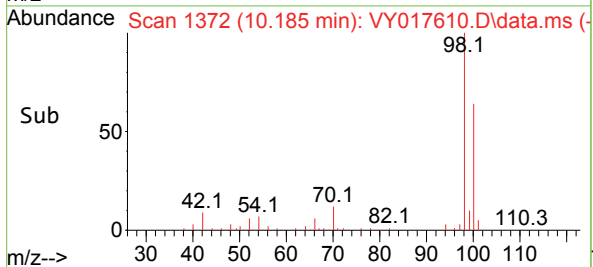
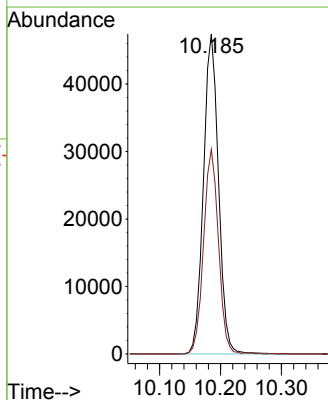
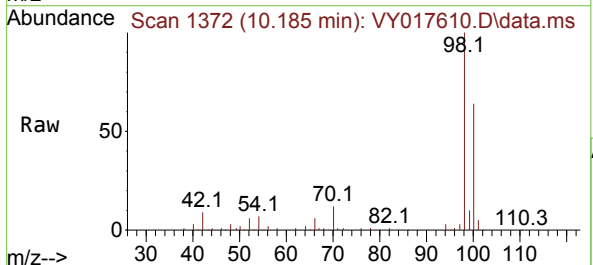
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

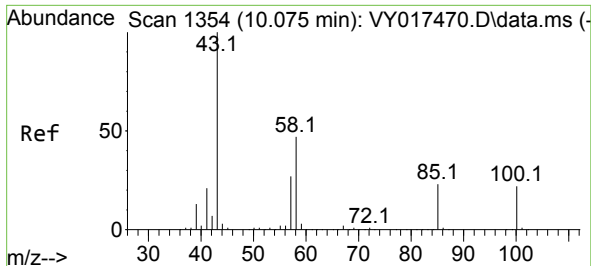
Tgt Ion:117 Resp: 4245
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.909 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

Tgt Ion: 98 Resp: 81353
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

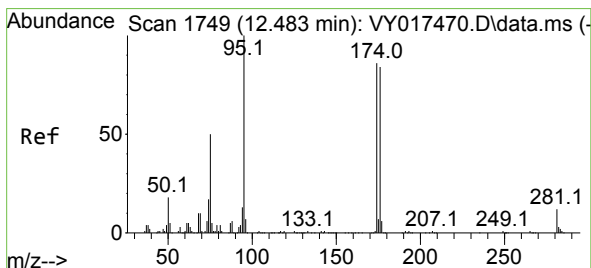
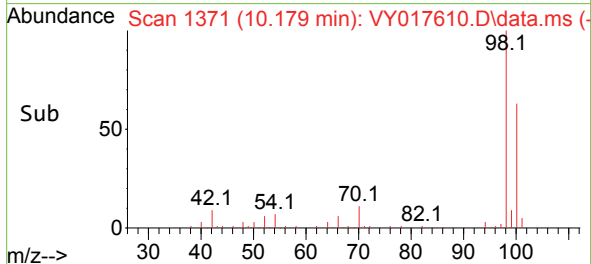
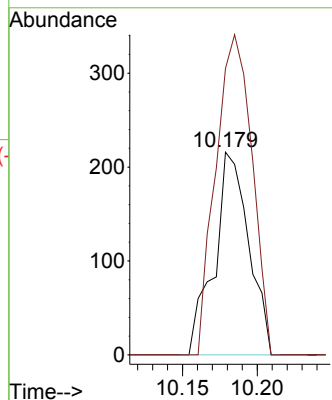
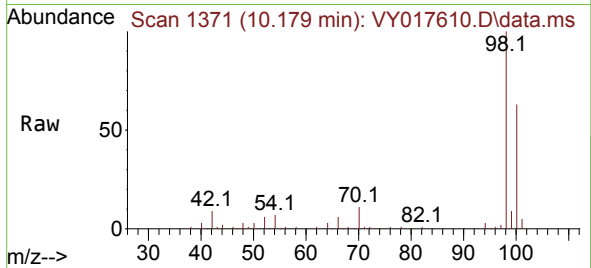




#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

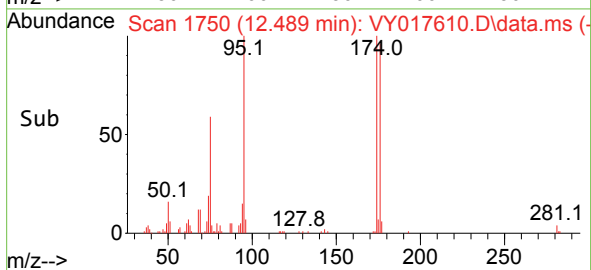
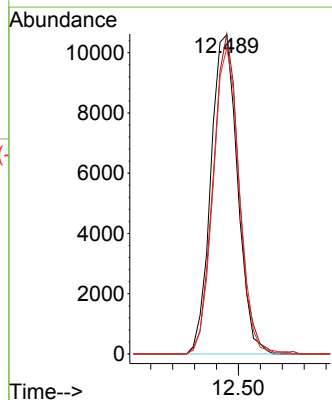
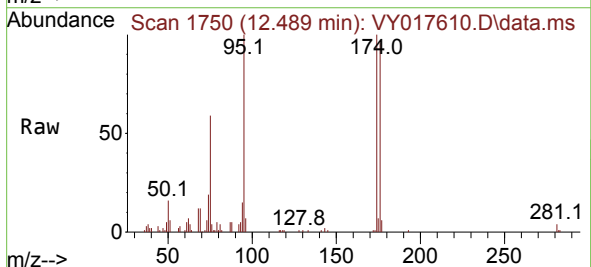
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ClientSampleId :
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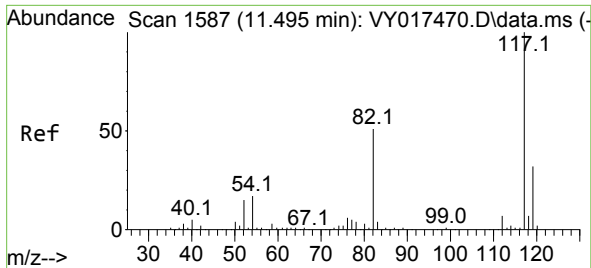
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 165.7 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 31.502 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

Tgt Ion: 95 Resp: 17934
Ion Ratio Lower Upper
95 100
174 96.8 0.0 175.6
176 94.0 0.0 171.4

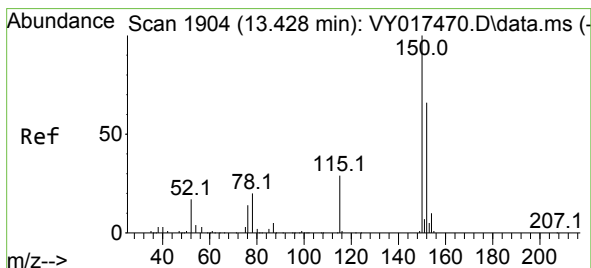
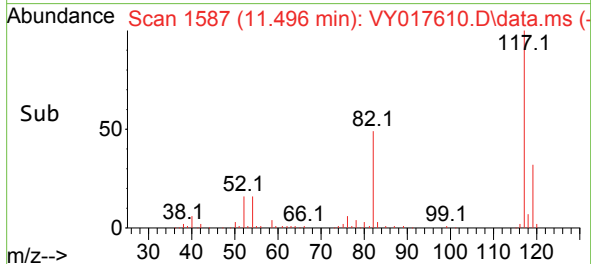
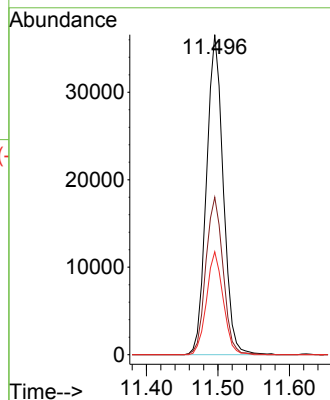
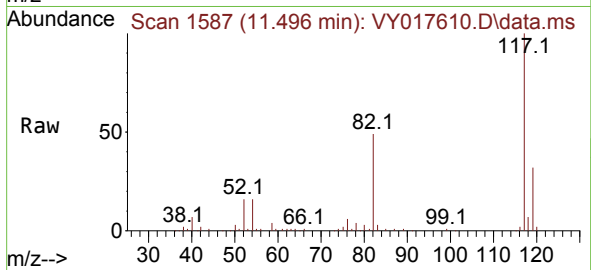




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

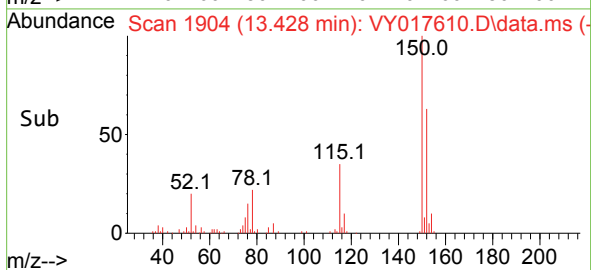
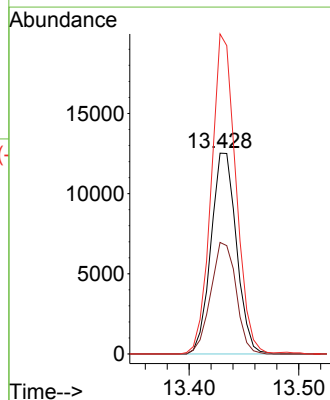
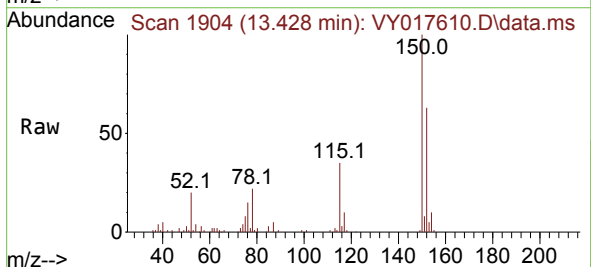
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

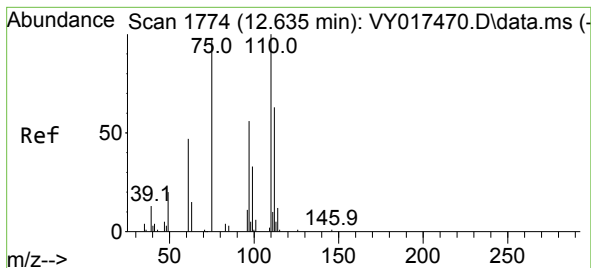
Tgt Ion:117 Resp: 59612
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

Tgt Ion:152 Resp: 20227
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 153.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 51.065 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

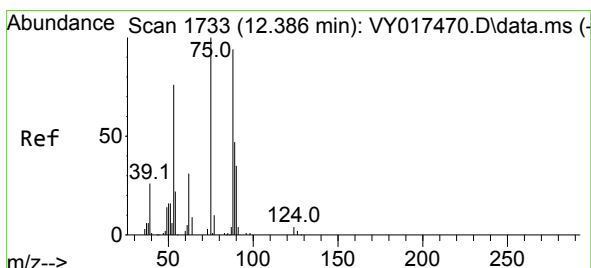
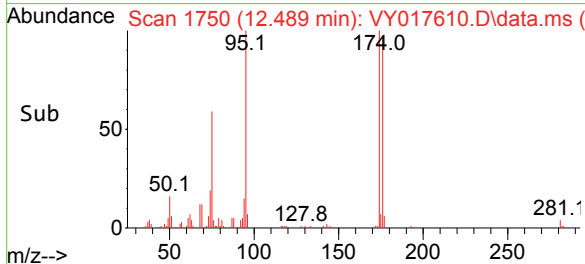
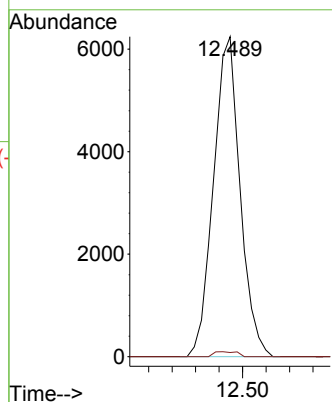
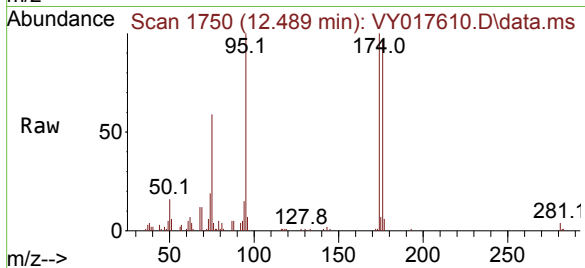
TP-1

Tgt Ion: 75 Resp: 9814

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.335 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

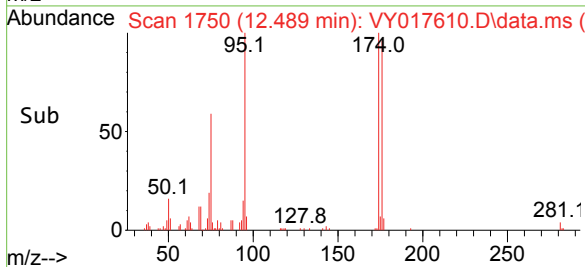
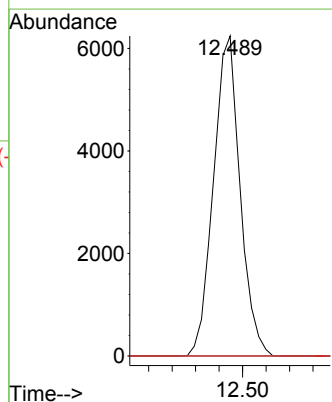
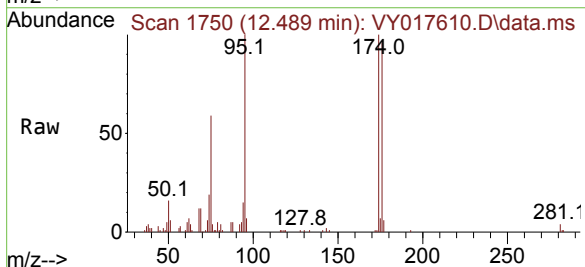
Tgt Ion: 75 Resp: 9814

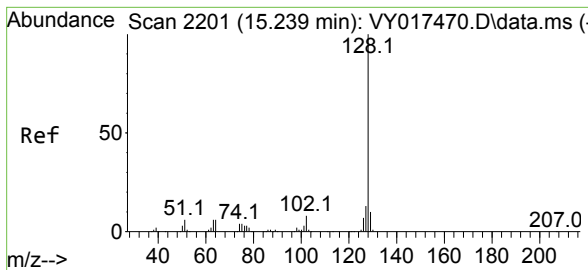
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

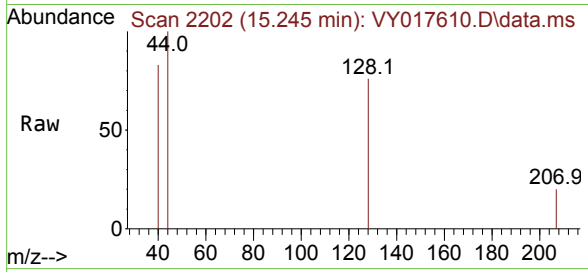
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 4.297 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017610.D
 Acq: 07 Mar 2024 18:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion:	128	Resp:	263
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

