

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017861.D
 Acq On : 05 Apr 2024 10:48
 Operator : SY/MD
 Sample : VY0405SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBL01

Quant Time: Apr 06 04:44:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

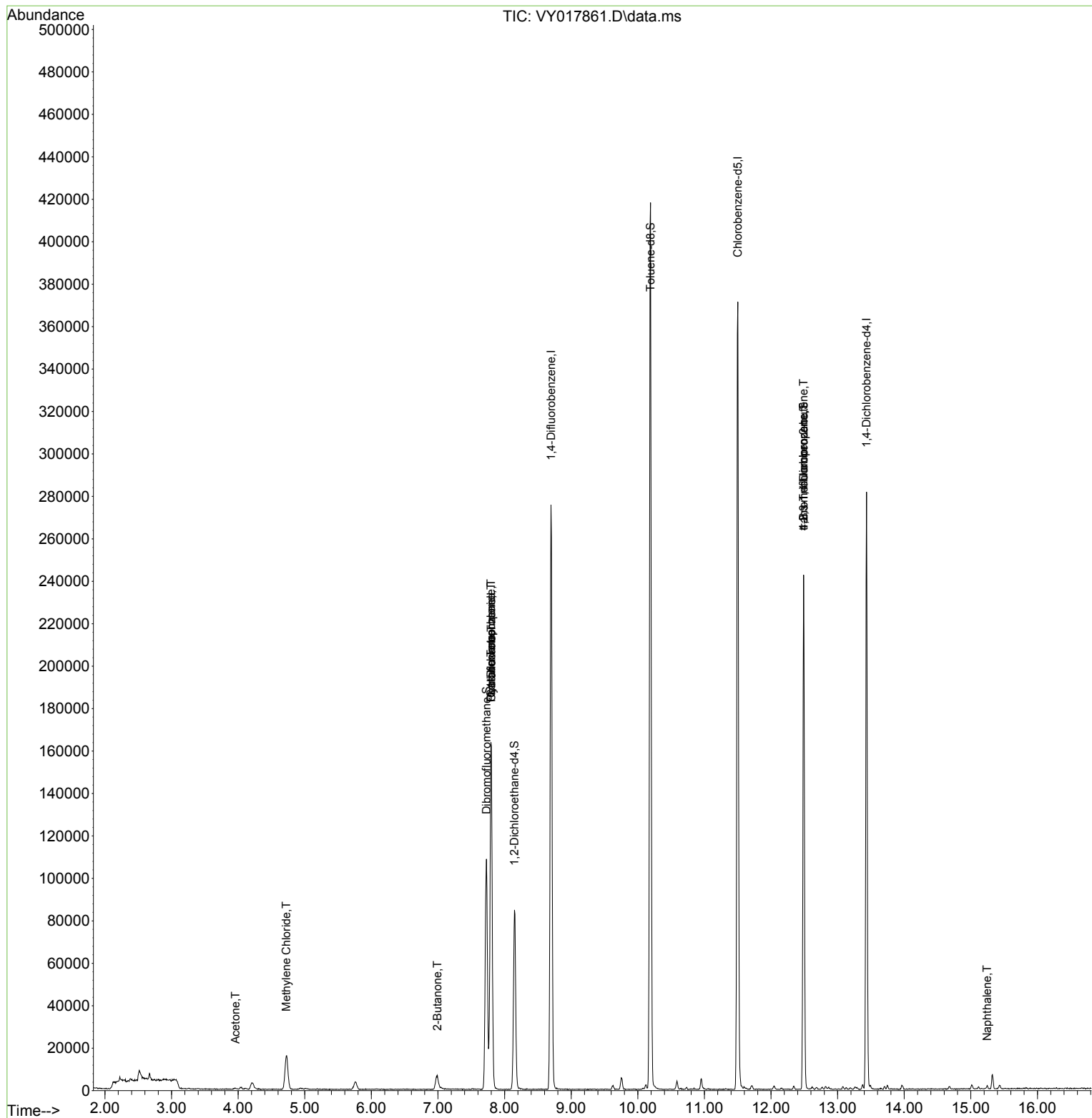
Internal Standards						
1) Pentafluorobenzene	7.801	168	131400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	208165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	65997	58.042	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.080%			
35) Dibromofluoromethane	7.728	113	77654	55.232	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.460%			
50) Toluene-d8	10.191	98	282234	53.740	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.480%			
62) 4-Bromofluorobenzene	12.489	95	66111	41.374	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.740%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	228	Below Cal	#	88
16) Acetone	3.960	43	885	3.765	ug/l #	81
20) Methylene Chloride	4.722	84	13150	6.838	ug/l	92
25) 2-Butanone	6.990	43	354	1.057	ug/l #	41
31) Cyclohexane	7.801	56	2931	1.463	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	10259	5.001	ug/l #	48
38) Carbon Tetrachloride	7.795	117	12774	5.998	ug/l #	17
41) Methacrylonitrile	7.350	41	23	Below Cal	#	23
48) Methyl methacrylate	9.215	41	39	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.081	43	439	Below Cal	#	78
56) Ethyl methacrylate	10.648	69	20	Below Cal	#	1
59) 2-Hexanone	10.843	43	314	Below Cal		61
69) o-Xylene	12.044	106	244	Below Cal		63
70) Styrene	12.056	104	499	Below Cal	#	90
74) N-amyl acetate	12.148	43	273	Below Cal	#	74
76) 1,2,3-Trichloropropane	12.489	75	36773	57.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36773	111.294	ug/l #	16
95) Naphthalene	15.245	128	1554	1.812	ug/l #	91

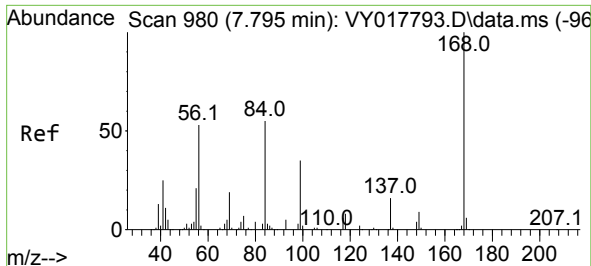
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

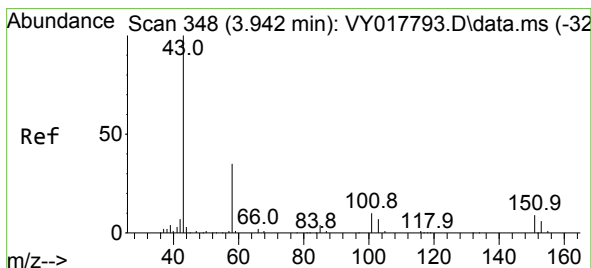
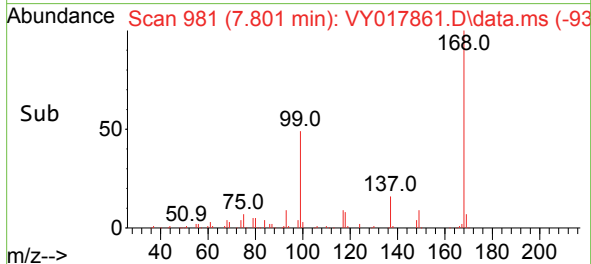
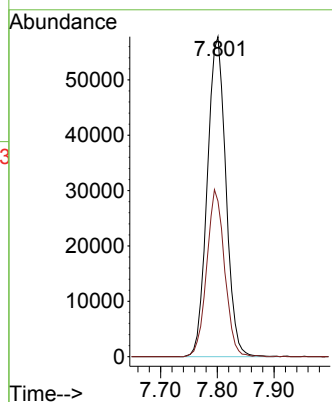
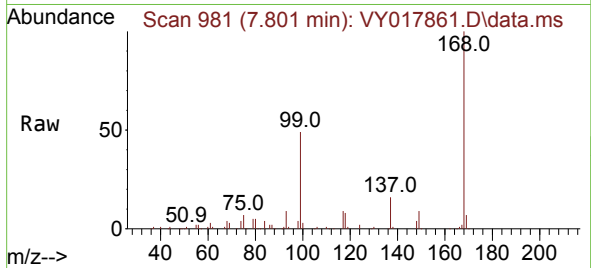




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

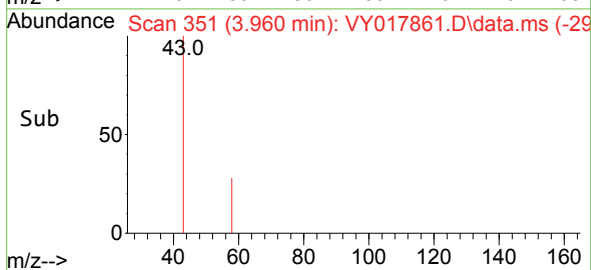
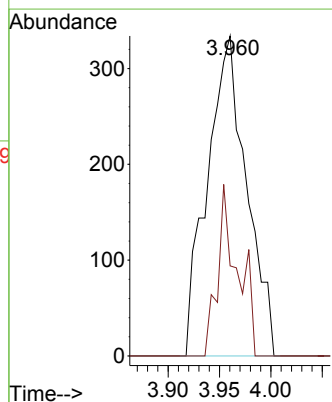
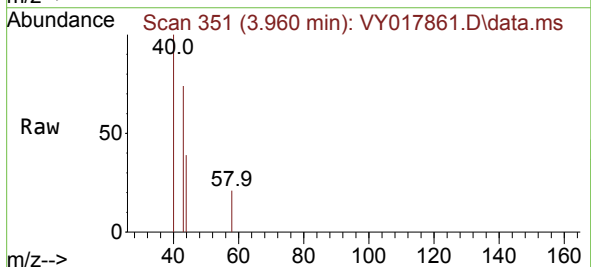
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

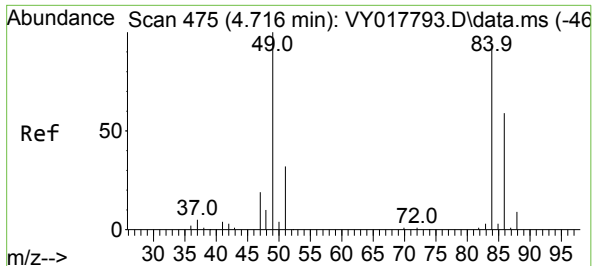
Tgt Ion:168 Resp: 131400
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#16
Acetone
Concen: 3.765 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#





#20

Methylene Chloride

Concen: 6.838 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017861.D

Acq: 05 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01

Tgt Ion: 84 Resp: 13150

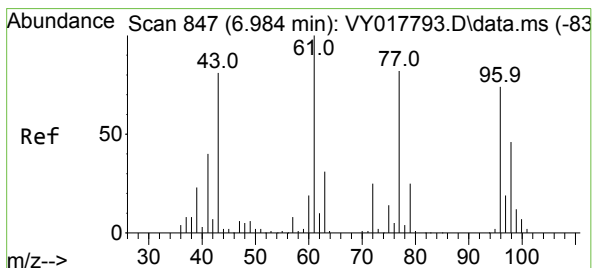
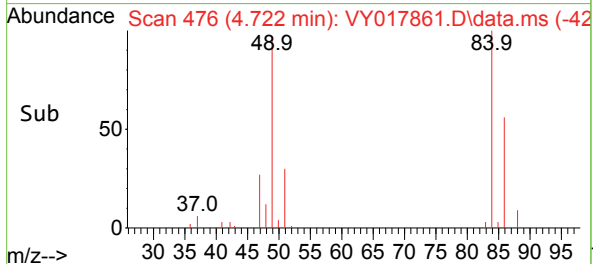
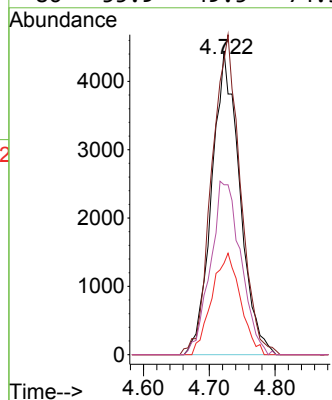
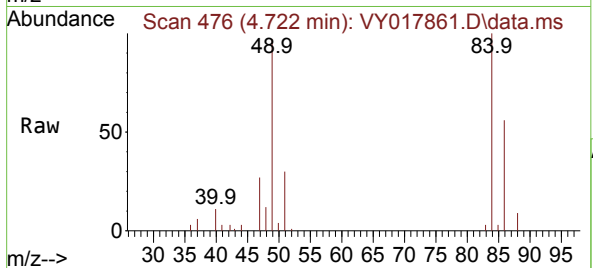
Ion Ratio Lower Upper

84 100

49 96.8 84.4 126.6

51 30.1 26.0 39.0

86 55.9 49.5 74.3



#25

2-Butanone

Concen: 1.057 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY017861.D

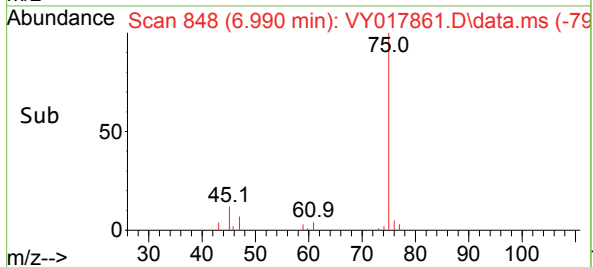
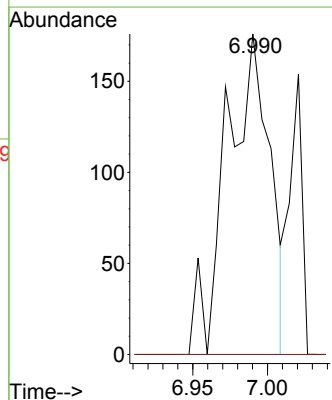
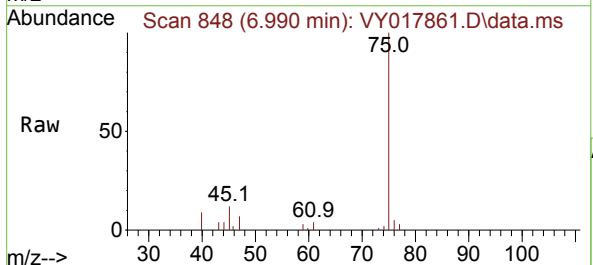
Acq: 05 Apr 2024 10:48

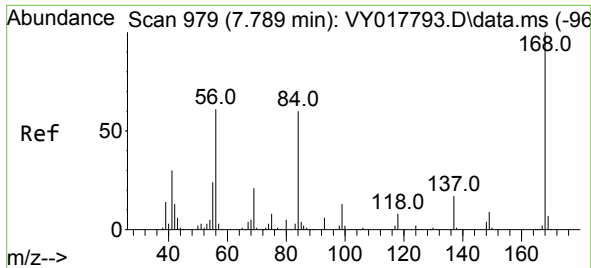
Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

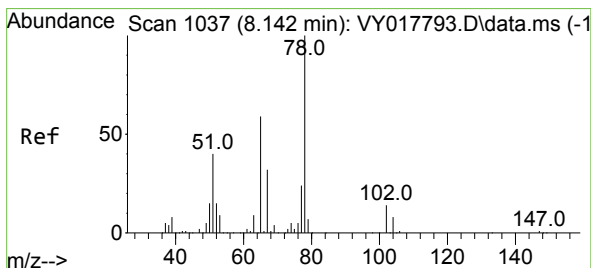
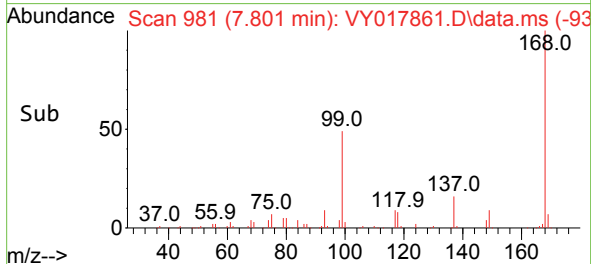
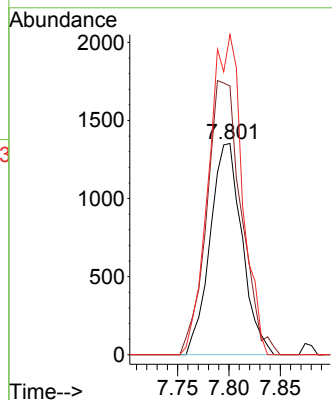
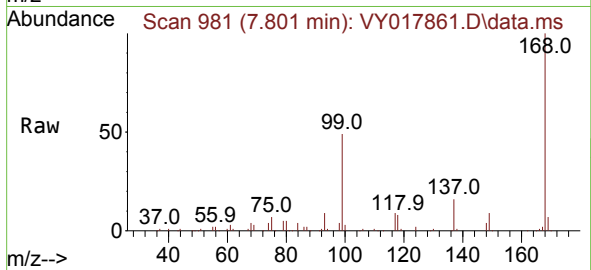




#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

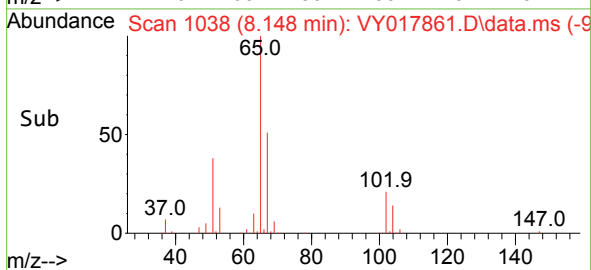
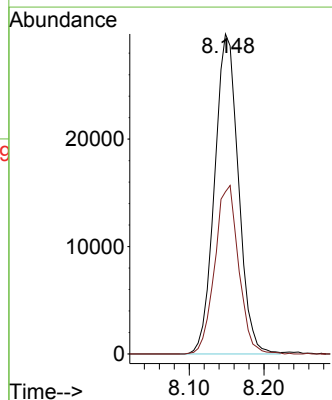
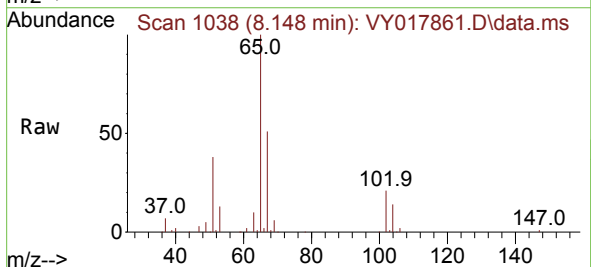
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

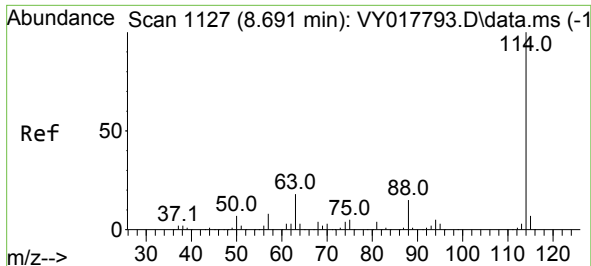
Tgt Ion: 56 Resp: 2931
Ion Ratio Lower Upper
56 100
69 127.1 28.7 43.1#
84 151.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.042 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

Tgt Ion: 65 Resp: 65997
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

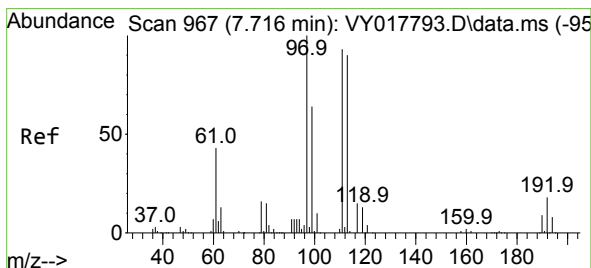
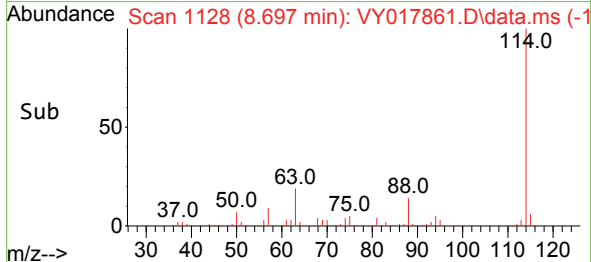
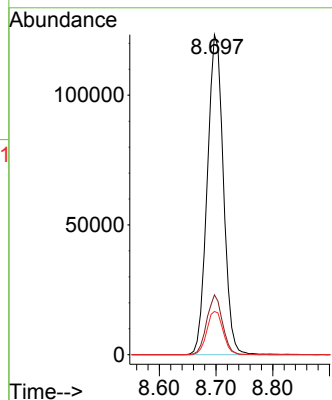
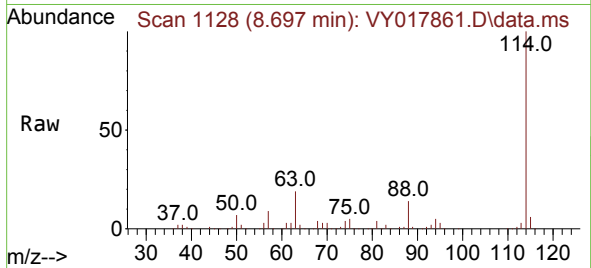




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

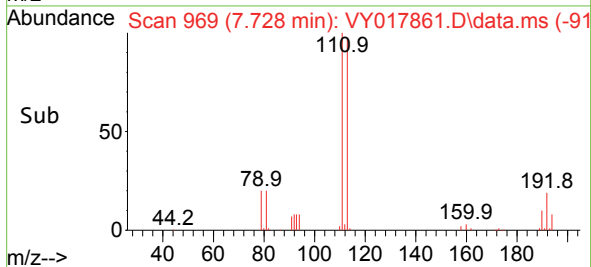
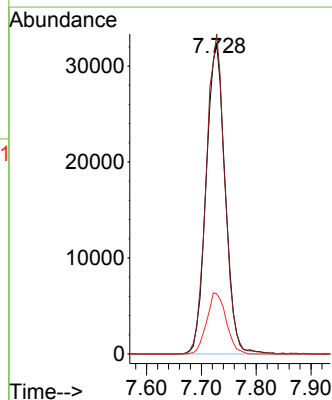
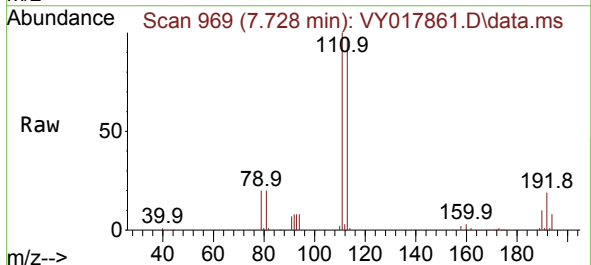
Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01

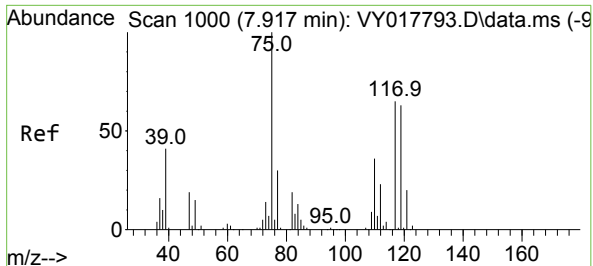
Tgt Ion:114 Resp: 243312
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.0
88 13.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.232 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

Tgt Ion:113 Resp: 77654
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 20.2 15.9 23.9

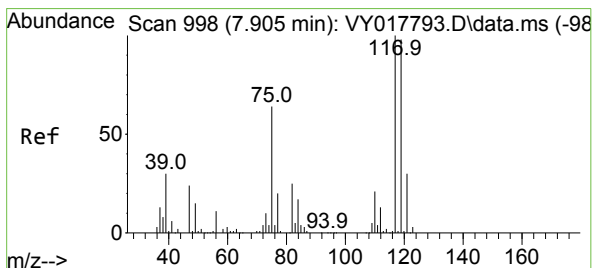
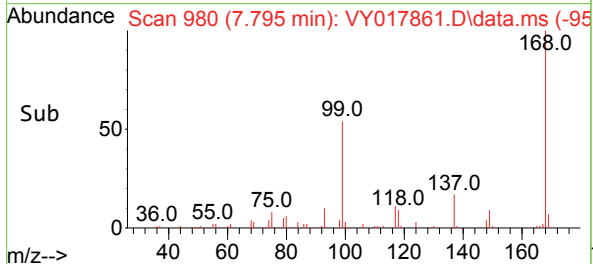
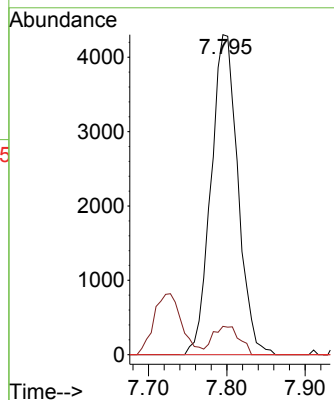
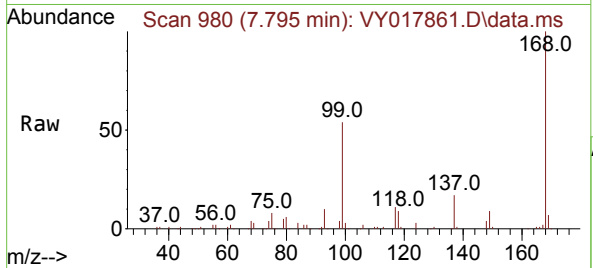




#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

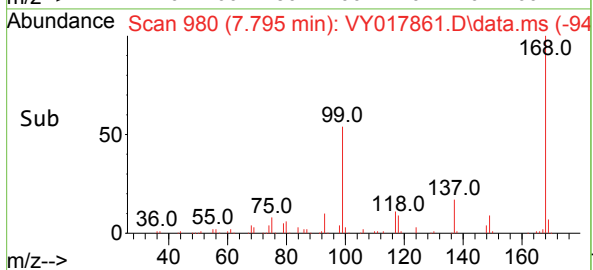
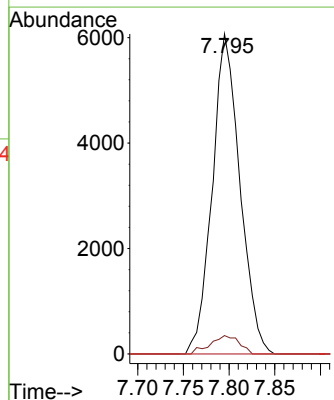
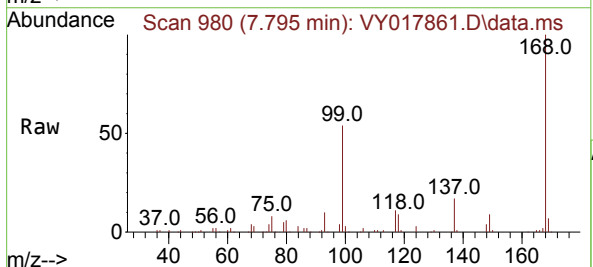
Instrument :
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ClientSampleId :
VY0405SBL01

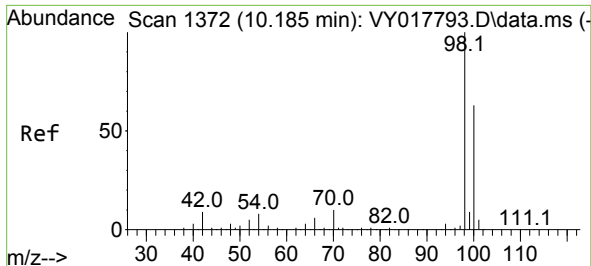
Tgt Ion: 75 Resp: 10259
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.998 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

Tgt Ion: 117 Resp: 12774
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#

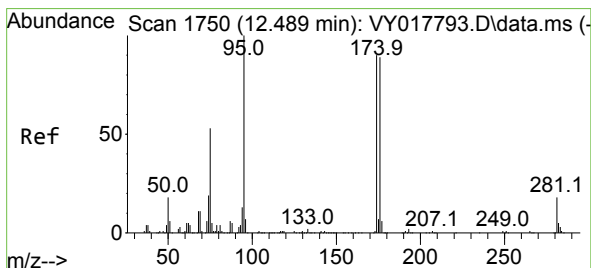
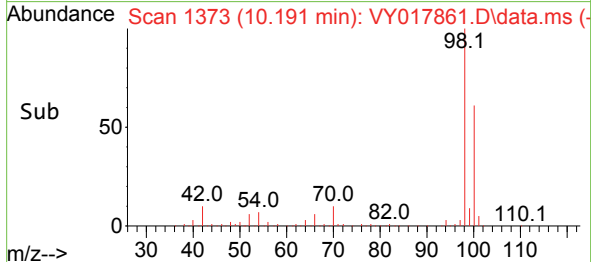
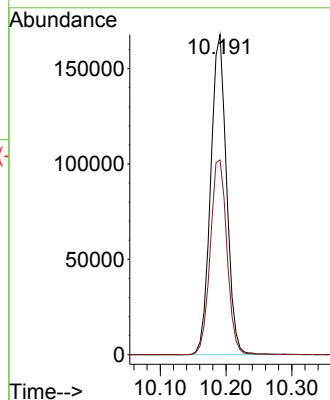
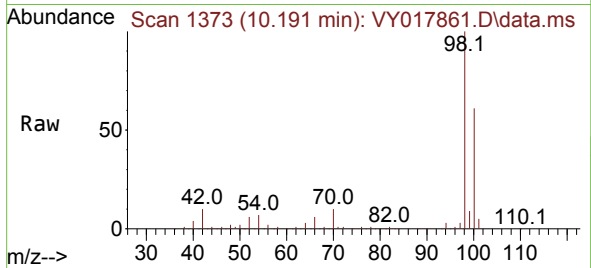




#50
Toluene-d8
Concen: 53.740 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

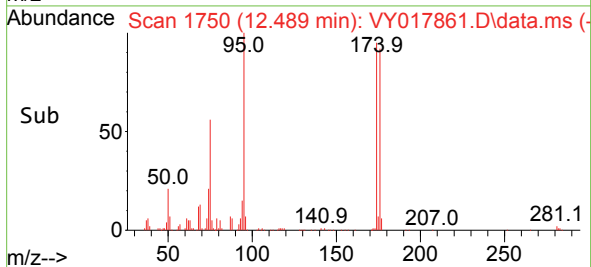
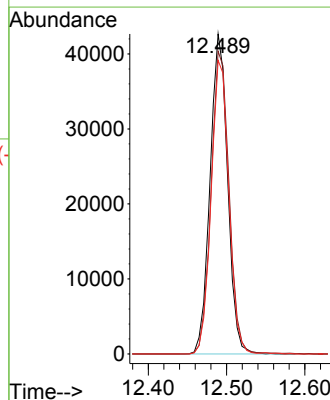
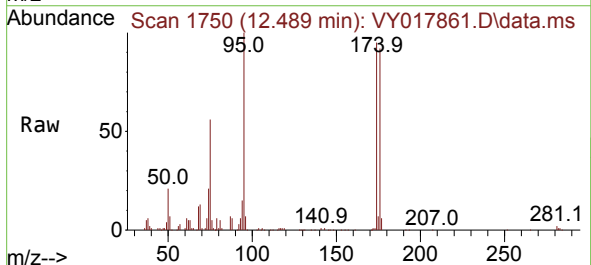
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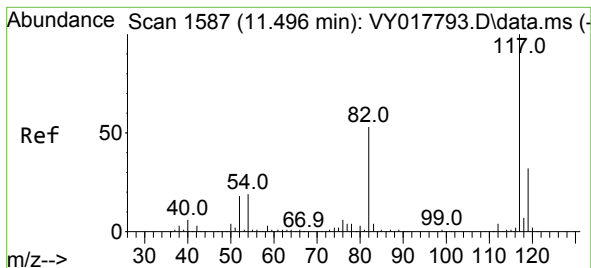
Tgt Ion: 98 Resp: 282234
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.374 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

Tgt Ion: 95 Resp: 66111
Ion Ratio Lower Upper
95 100
174 97.1 0.0 175.6
176 92.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017861.D

Acq: 05 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0405SBL01

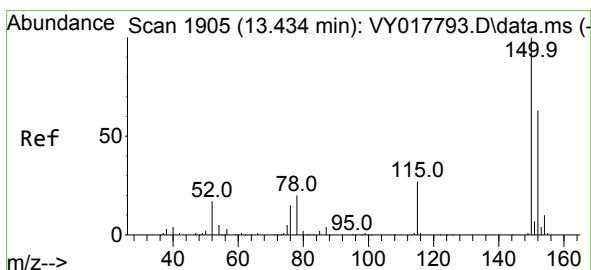
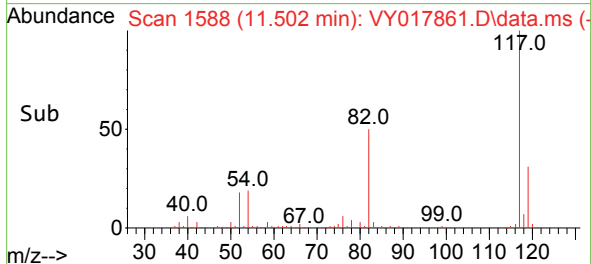
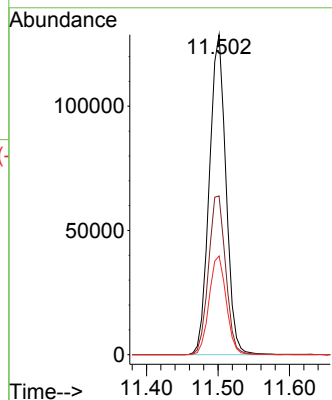
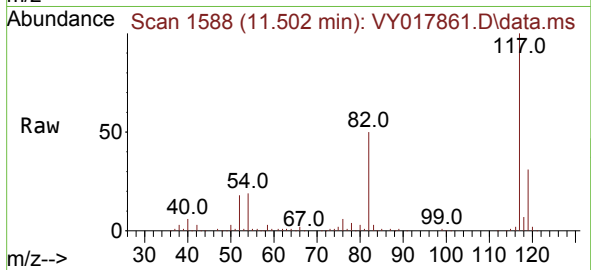
Tgt Ion:117 Resp: 208165

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 30.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017861.D

Acq: 05 Apr 2024 10:48

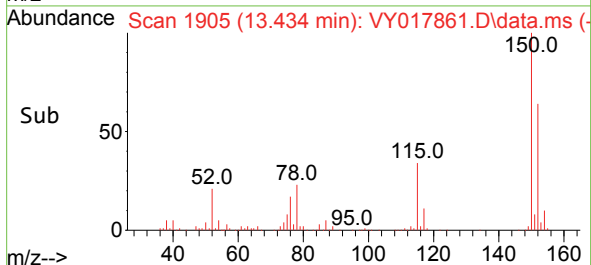
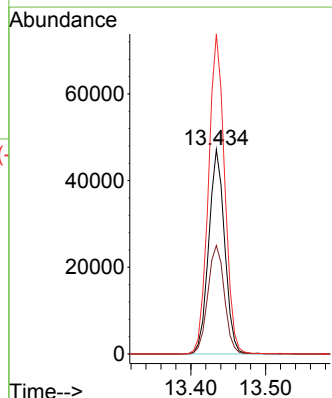
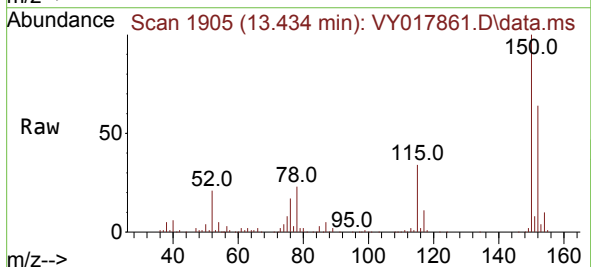
Tgt Ion:152 Resp: 69829

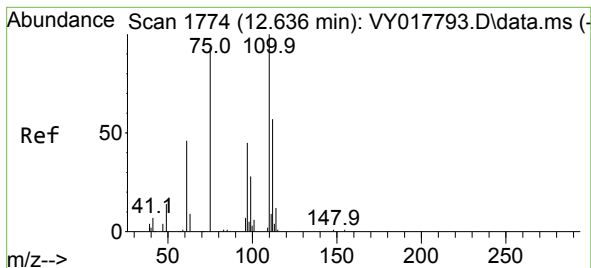
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 159.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 57.790 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017861.D

Acq: 05 Apr 2024 10:48

Instrument :

MSVOA_Y

ClientSampleId :

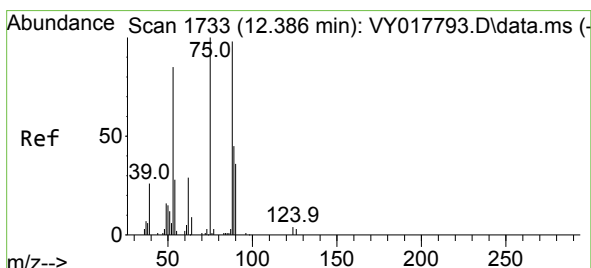
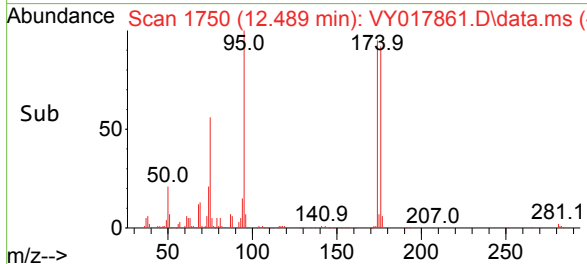
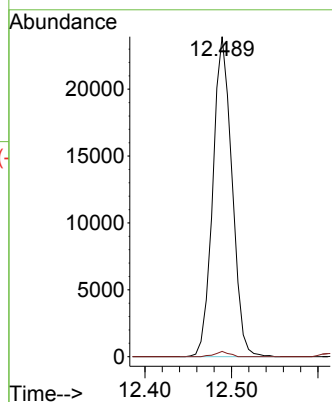
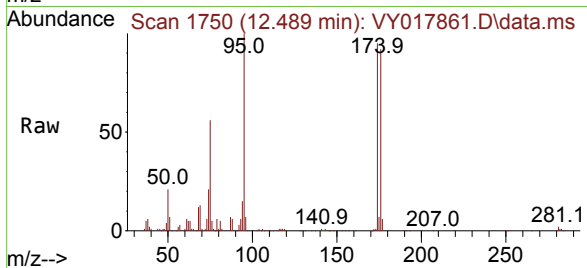
VY0405SBL01

Tgt Ion: 75 Resp: 36773

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.294 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY017861.D

Acq: 05 Apr 2024 10:48

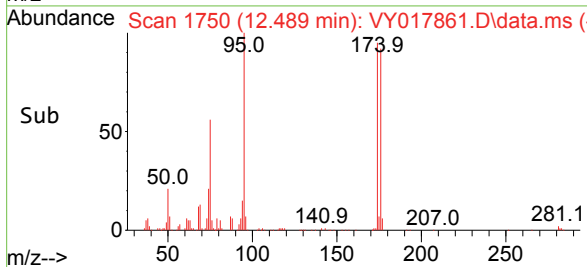
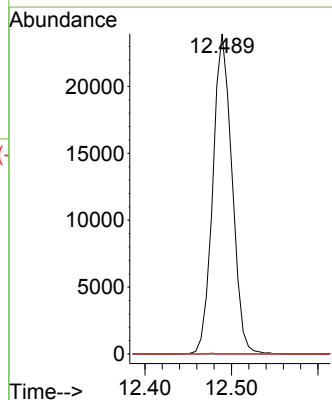
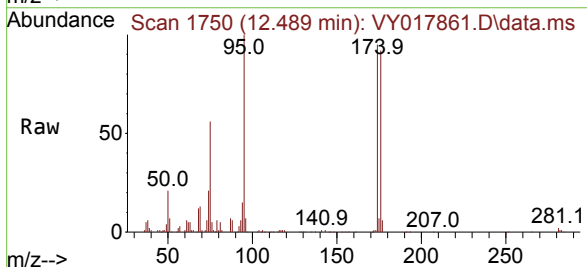
Tgt Ion: 75 Resp: 36773

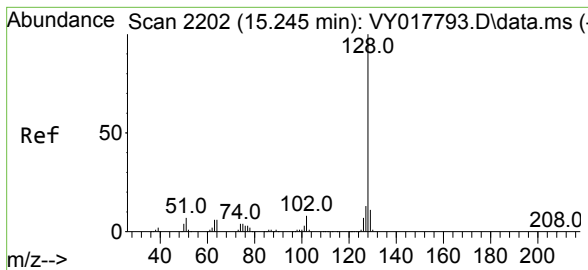
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

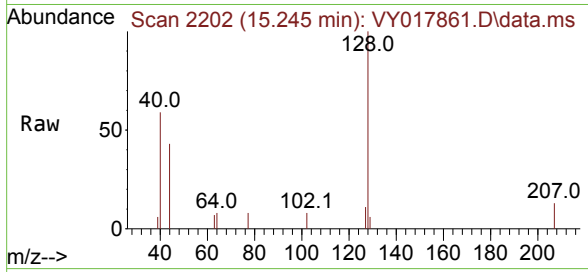
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 1.812 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017861.D
Acq: 05 Apr 2024 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0405SBL01



Tgt Ion:	128	Resp:	1554
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	4.0	8.6	13.0

