

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017841.D
 Acq On : 04 Apr 2024 09:32
 Operator : SY/MD
 Sample : VY0404SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBL01

Quant Time: Apr 05 00:42:30 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)

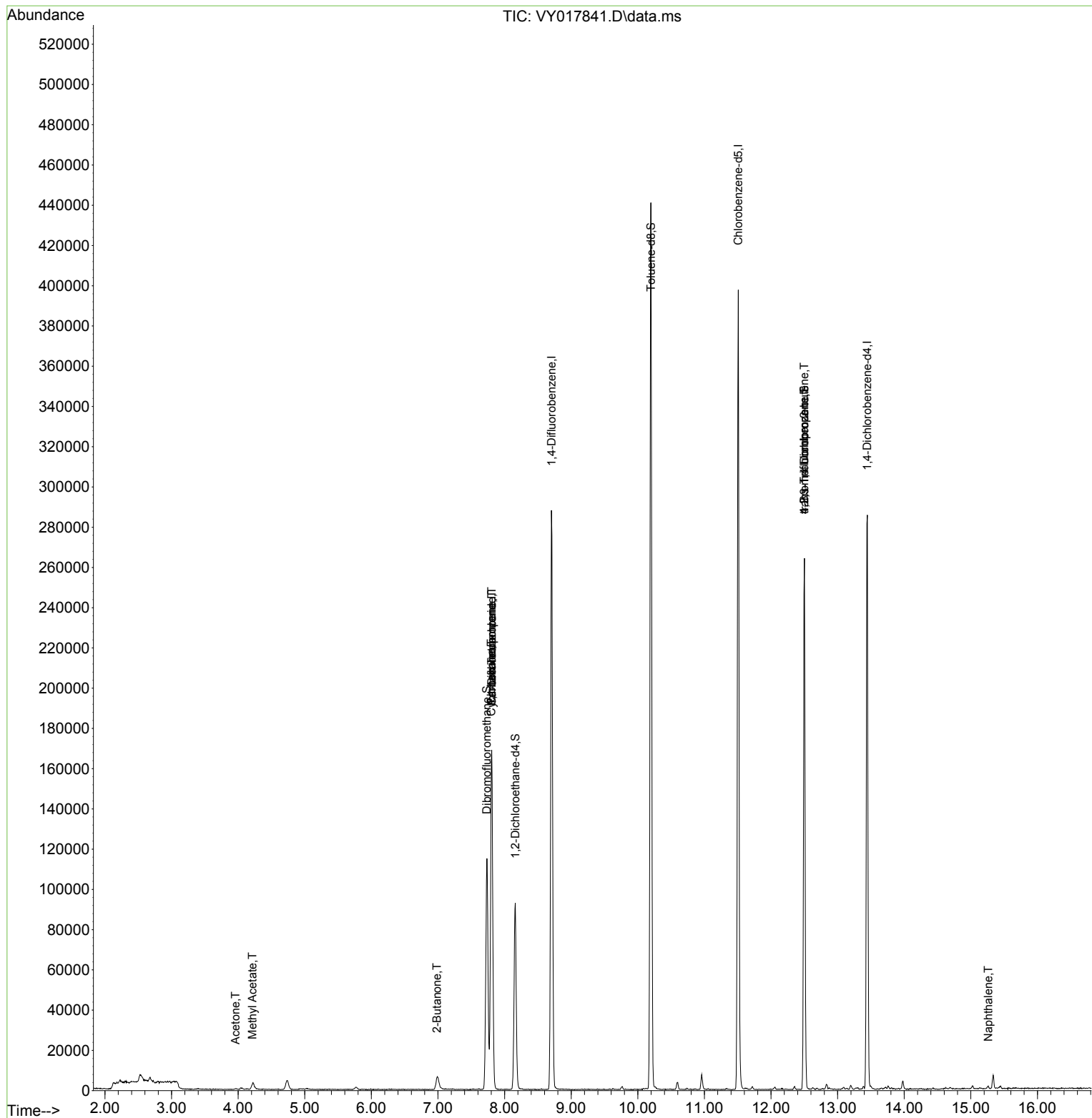
Internal Standards						
1) Pentafluorobenzene	7.807	168	138450	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	250696	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	215439	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	76506	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	72555	60.560	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery	= 121.120%		
35) Dibromofluoromethane	7.734	113	80827	55.795	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery	= 111.600%		
50) Toluene-d8	10.197	98	293256	54.194	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery	= 108.380%		
62) 4-Bromofluorobenzene	12.501	95	72182	43.843	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery	= 87.680%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	472	Below Cal	#	88
16) Acetone	3.960	43	486	1.962	ug/l	92
18) Methyl Acetate	4.216	43	1347	2.456	ug/l #	46
20) Methylene Chloride	4.741	84	3741	Below Cal	#	88
25) 2-Butanone	6.984	43	360	1.020	ug/l #	41
31) Cyclohexane	7.801	56	3001	1.422	ug/l #	39
36) 1,1-Dichloropropene	7.807	75	10542	4.988	ug/l #	49
38) Carbon Tetrachloride	7.807	117	12797	5.832	ug/l #	18
48) Methyl methacrylate	9.228	41	40	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.087	43	458	Below Cal	#	78
59) 2-Hexanone	10.855	43	265	Below Cal		60
69) o-Xylene	12.044	106	215	Below Cal		91
70) Styrene	12.062	104	383	Below Cal		93
74) N-amyl acetate	12.172	43	282	Below Cal	#	40
76) 1,2,3-Trichloropropane	12.501	75	40634	58.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	40634	112.014	ug/l #	16
95) Naphthalene	15.263	128	1305	1.557	ug/l #	85

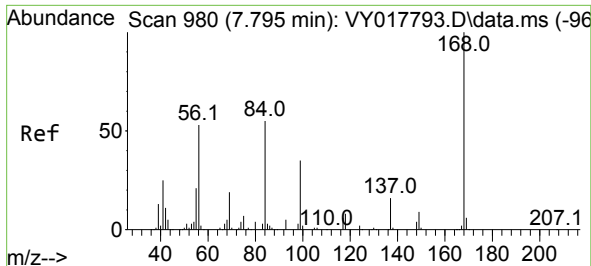
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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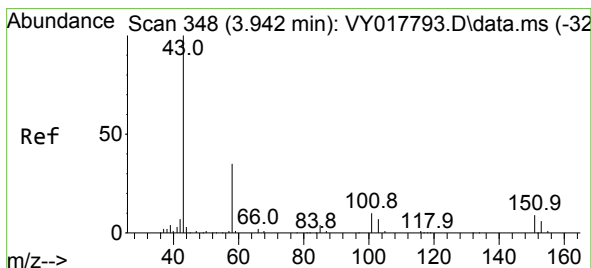
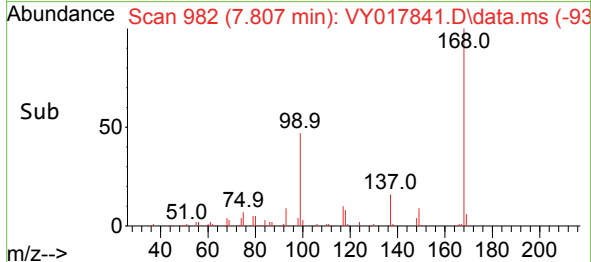
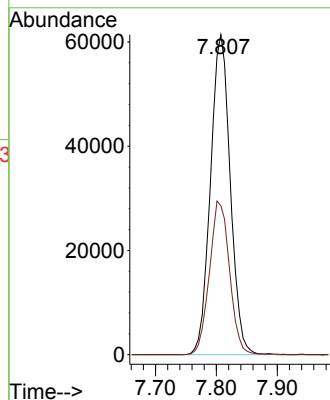
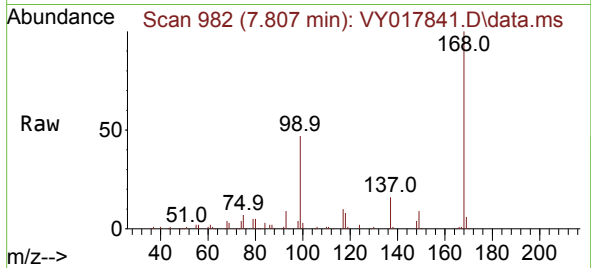




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

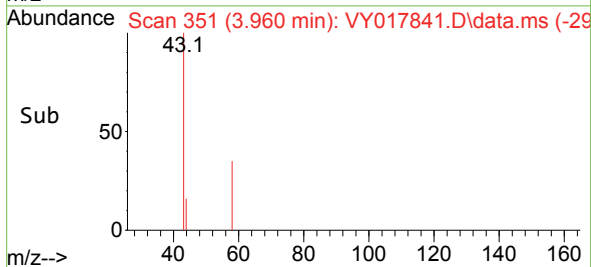
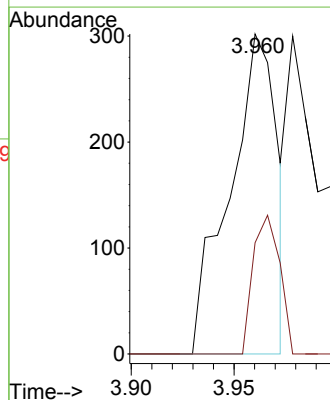
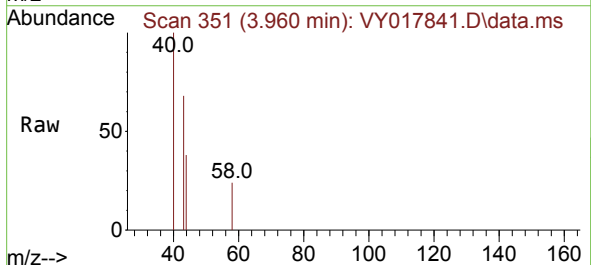
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

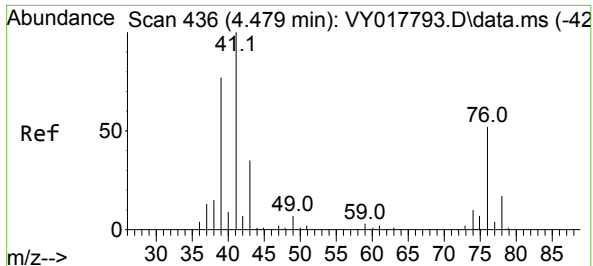
Tgt Ion:168 Resp: 138450
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#16
Acetone
Concen: 1.962 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion: 43 Resp: 486
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5

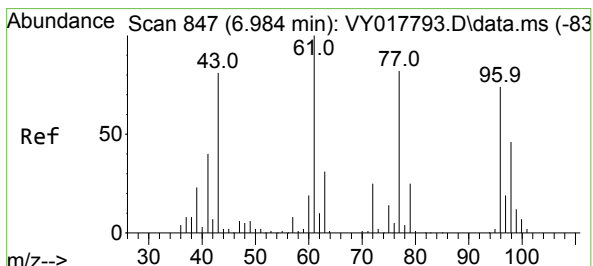
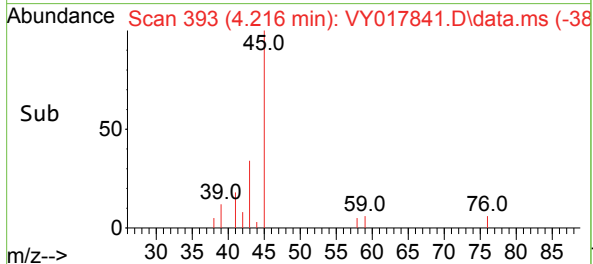
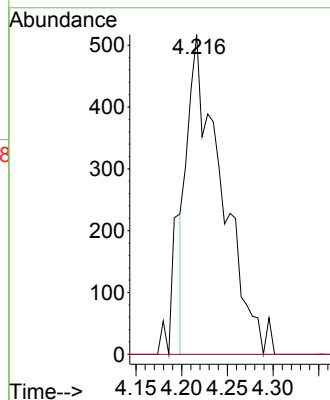
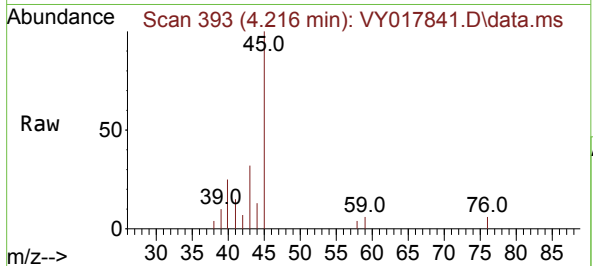




#18
Methyl Acetate
Concen: 2.456 ug/l
RT: 4.216 min Scan# 393
Delta R.T. -0.262 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

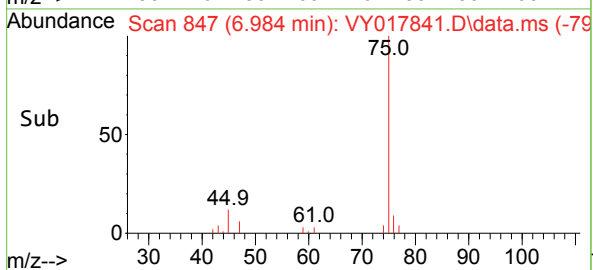
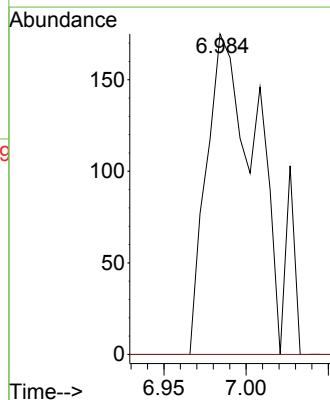
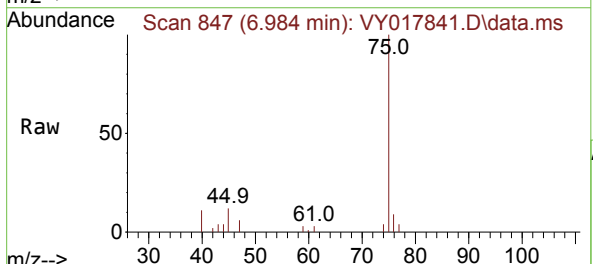
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

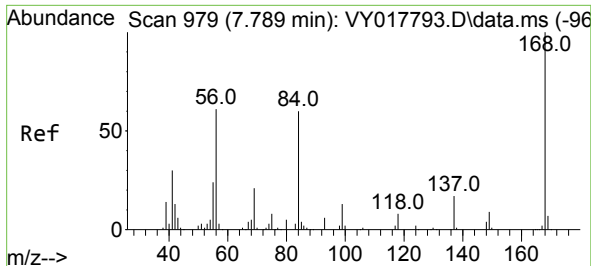
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#25
2-Butanone
Concen: 1.020 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

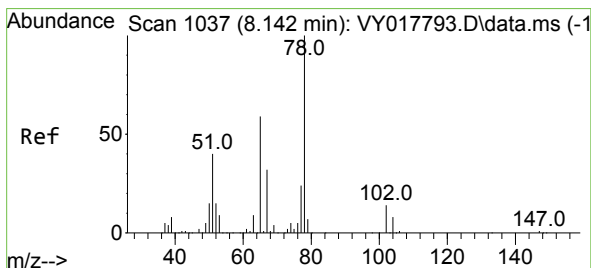
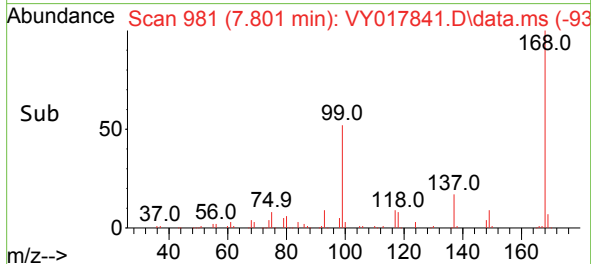
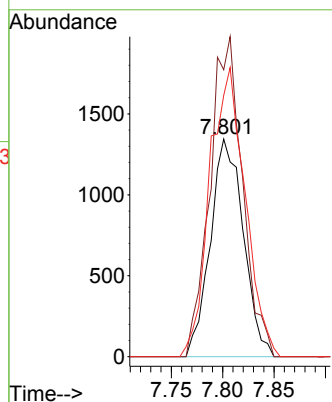
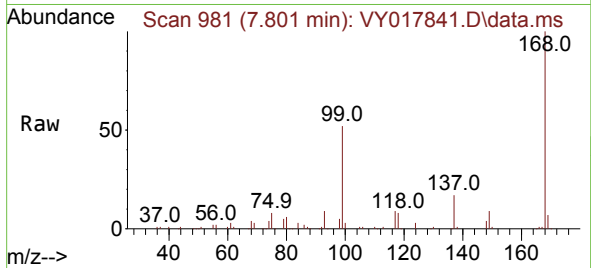




#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

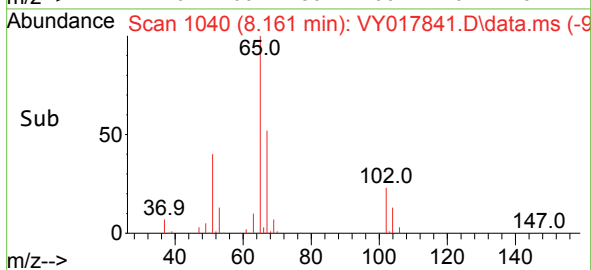
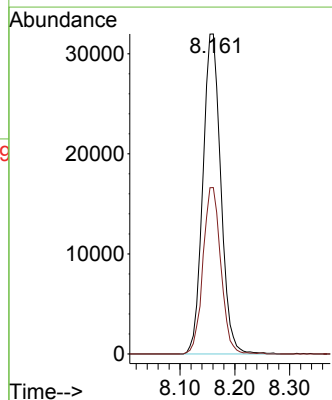
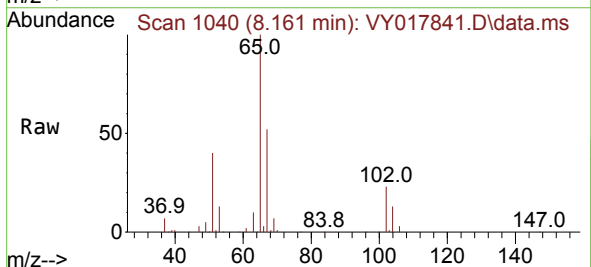
Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01

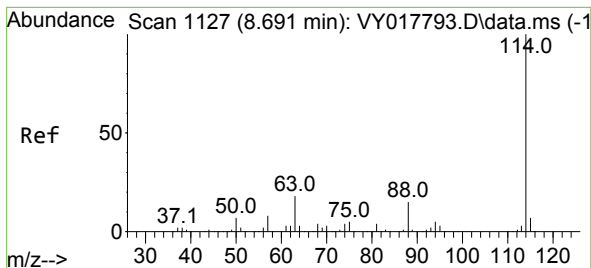
Tgt Ion: 56 Resp: 3001
Ion Ratio Lower Upper
56 100
69 131.8 28.7 43.1#
84 120.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.560 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.018 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion: 65 Resp: 72555
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017841.D

Acq: 04 Apr 2024 09:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0404SBL01

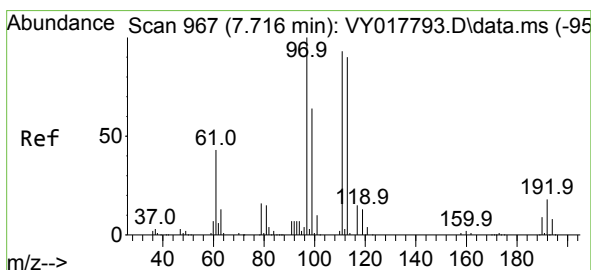
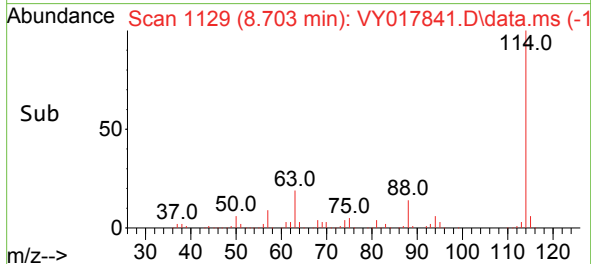
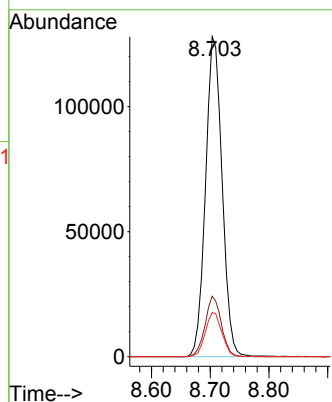
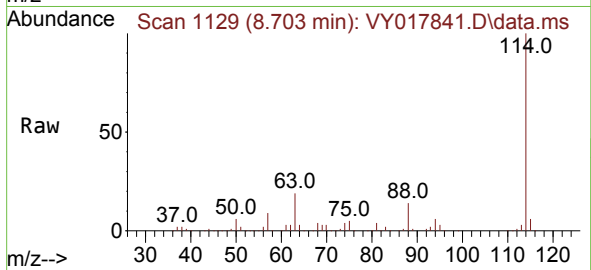
Tgt Ion:114 Resp: 250696

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.795 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017841.D

Acq: 04 Apr 2024 09:32

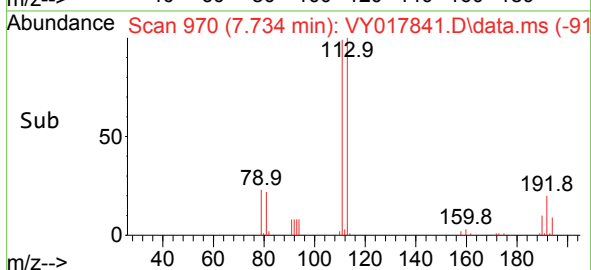
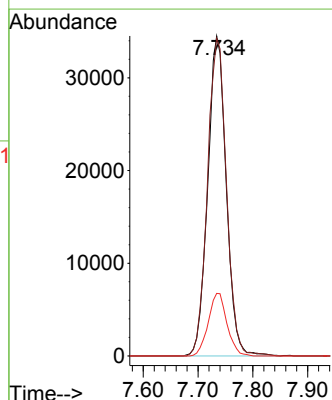
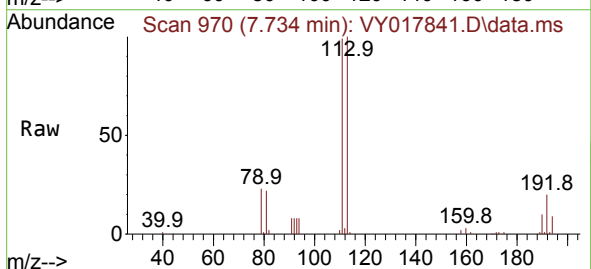
Tgt Ion:113 Resp: 80827

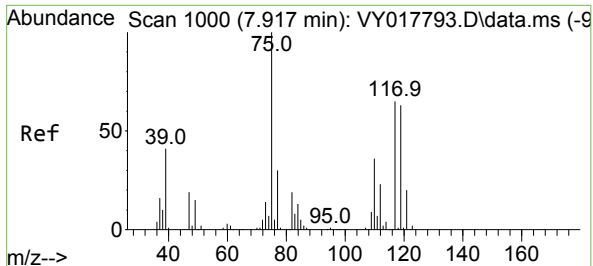
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.8 15.9 23.9

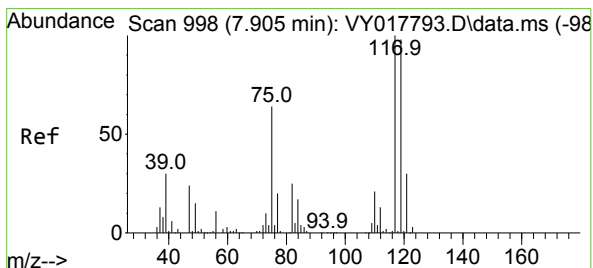
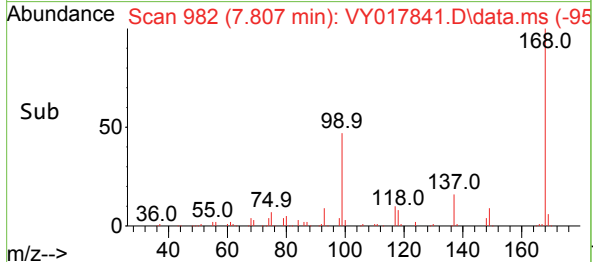
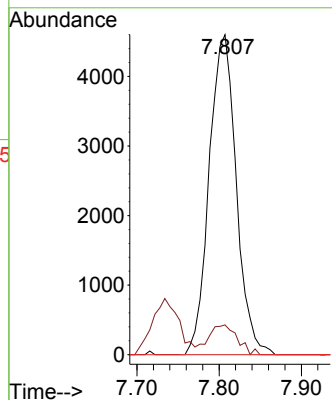
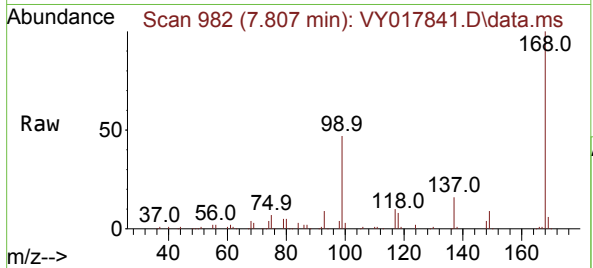




#36
 1,1-Dichloropropene
 Concen: 4.988 ug/l
 RT: 7.807 min Scan# 91
 Delta R.T. -0.110 min
 Lab File: VY017841.D
 Acq: 04 Apr 2024 09:32

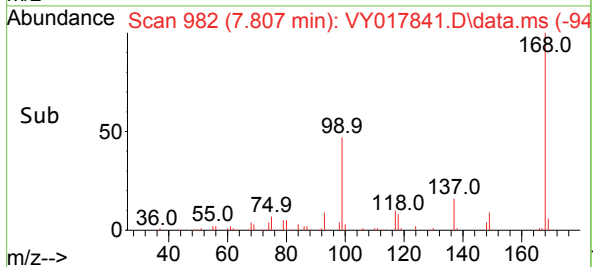
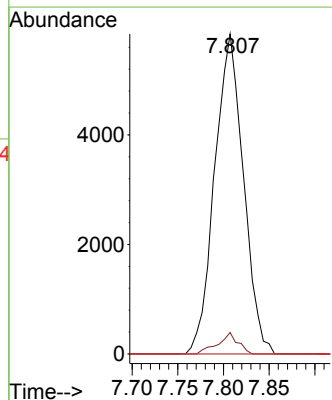
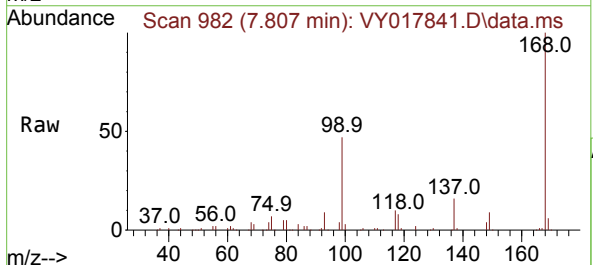
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBL01

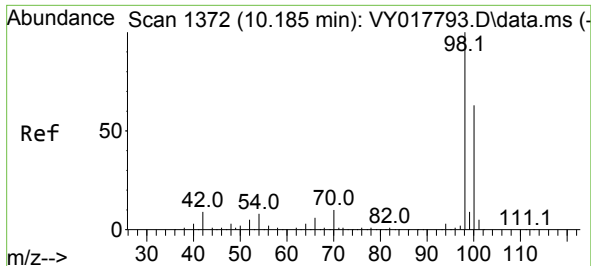
Tgt Ion: 75 Resp: 10542
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.832 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.098 min
 Lab File: VY017841.D
 Acq: 04 Apr 2024 09:32

Tgt Ion: 117 Resp: 12797
 Ion Ratio Lower Upper
 117 100
 119 6.7 75.8 113.6#
 121 0.0 24.0 36.0#

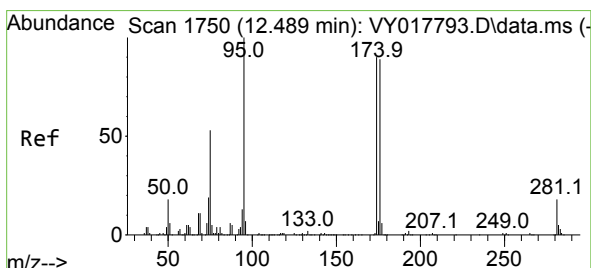
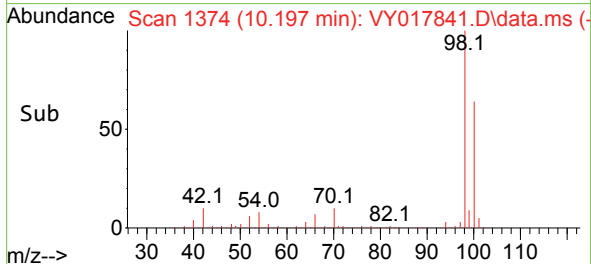
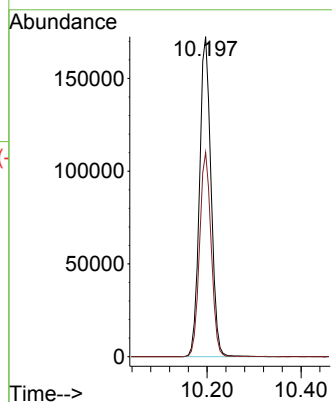
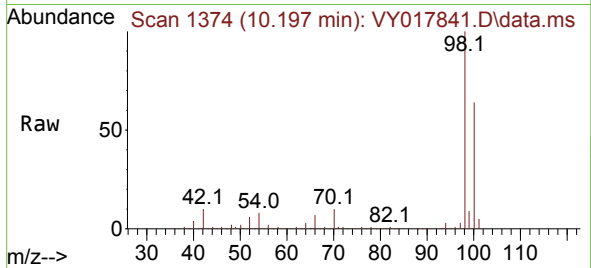




#50
Toluene-d8
Concen: 54.194 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

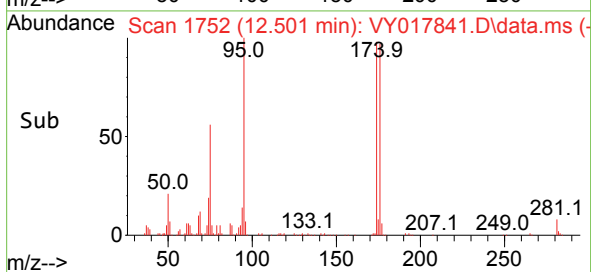
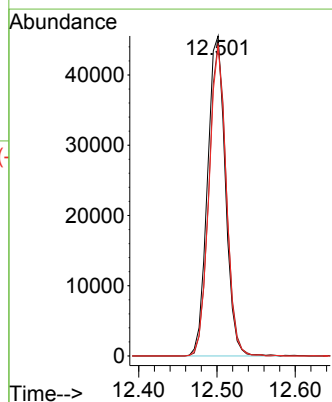
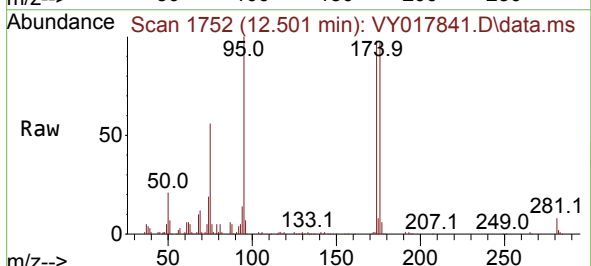
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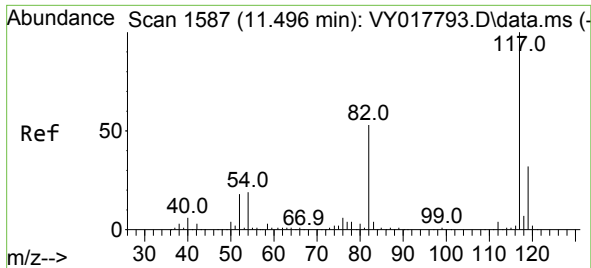
Tgt Ion: 98 Resp: 293256
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion: 95 Resp: 72182
Ion Ratio Lower Upper
95 100
174 94.8 0.0 175.6
176 93.3 0.0 171.4

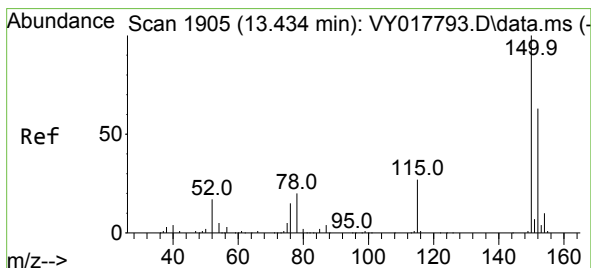
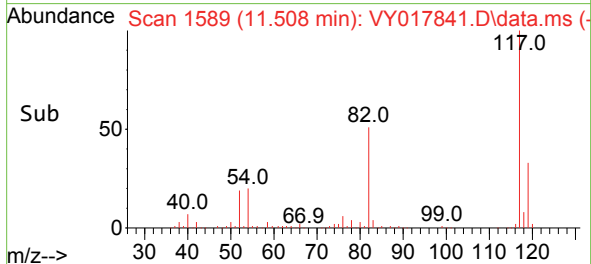
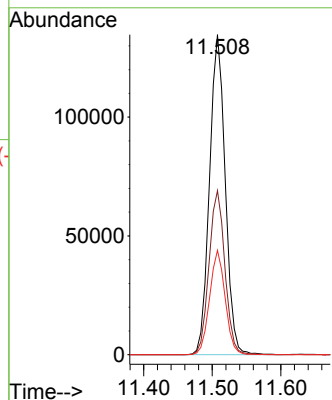
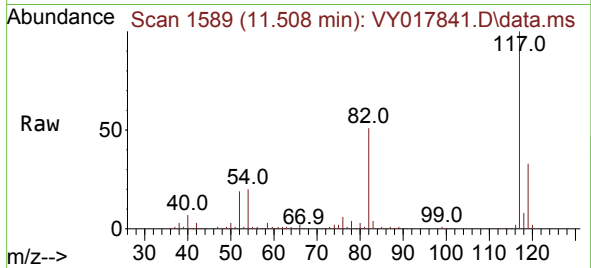




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

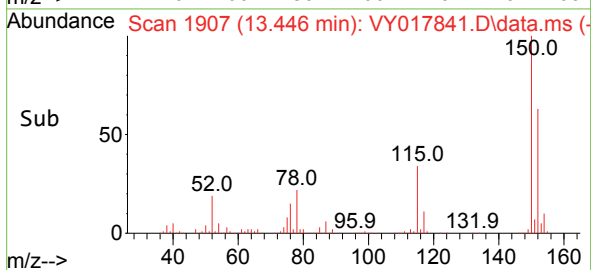
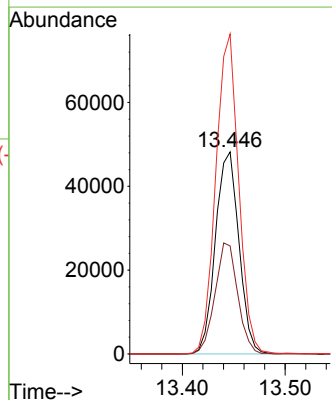
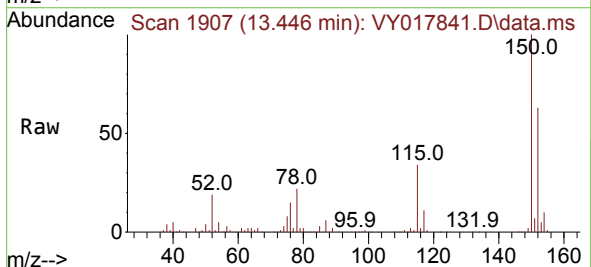
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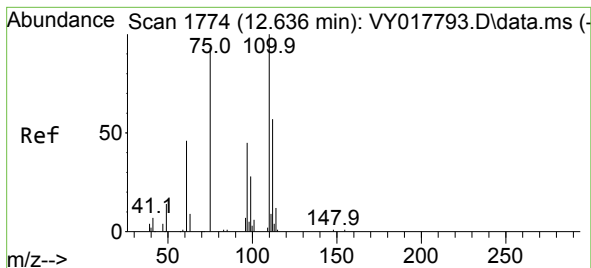
Tgt Ion:117 Resp: 215439
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Tgt Ion:152 Resp: 76506
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 154.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 58.285 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.134 min

Lab File: VY017841.D

Acq: 04 Apr 2024 09:32

Instrument :

MSVOA_Y

ClientSampleId :

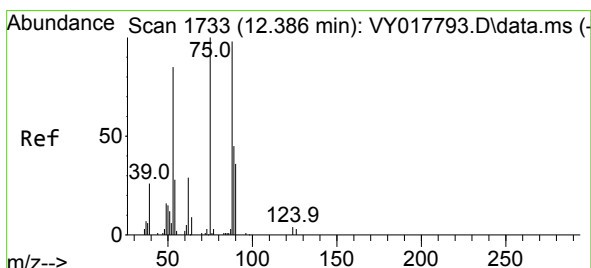
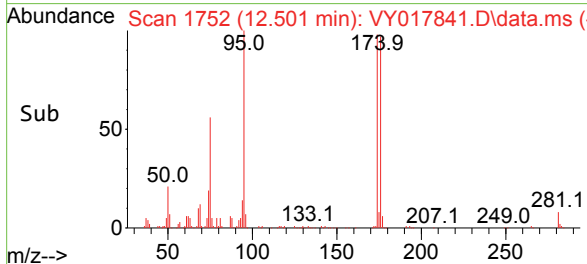
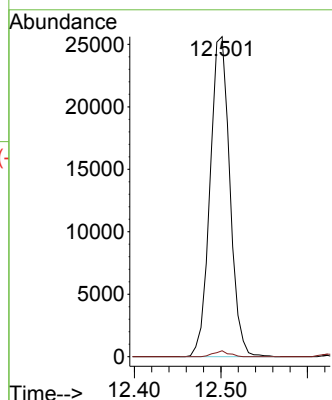
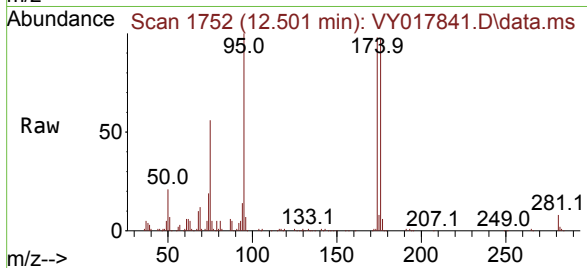
VY0404SBL01

Tgt Ion: 75 Resp: 40634

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.014 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.115 min

Lab File: VY017841.D

Acq: 04 Apr 2024 09:32

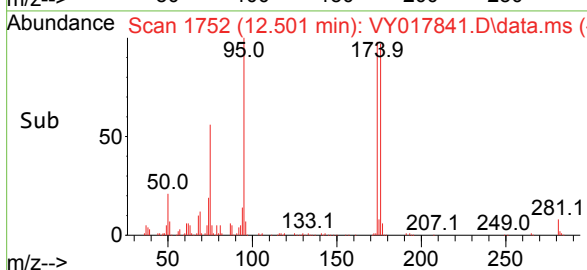
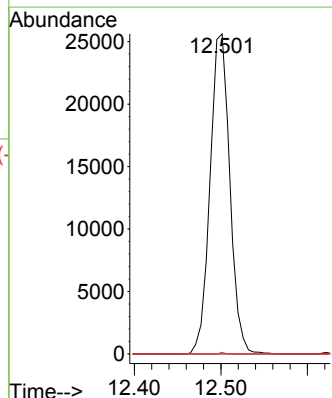
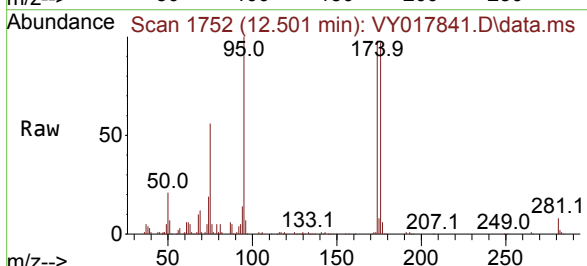
Tgt Ion: 75 Resp: 40634

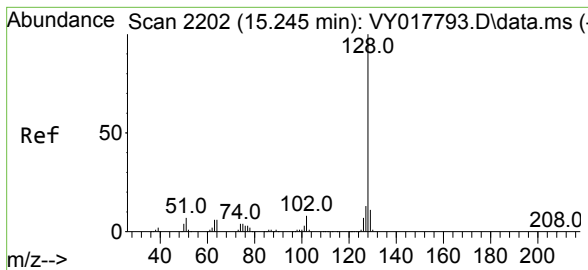
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

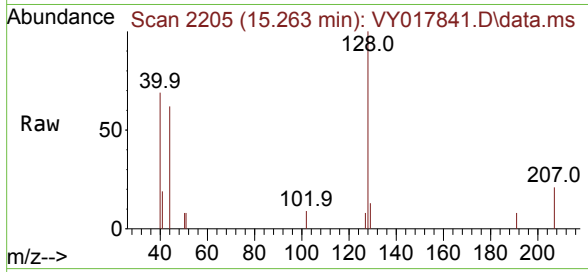
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 1.557 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY017841.D
Acq: 04 Apr 2024 09:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBL01



Tgt Ion:128 Resp: 1305
Ion Ratio Lower Upper
128 100
127 6.4 10.6 16.0#
129 6.1 8.6 13.0#

