

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017834.D
 Acq On : 03 Apr 2024 14:36
 Operator : SY/MD
 Sample : P1952-03
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRAB

Quant Time: Apr 04 01:12:09 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

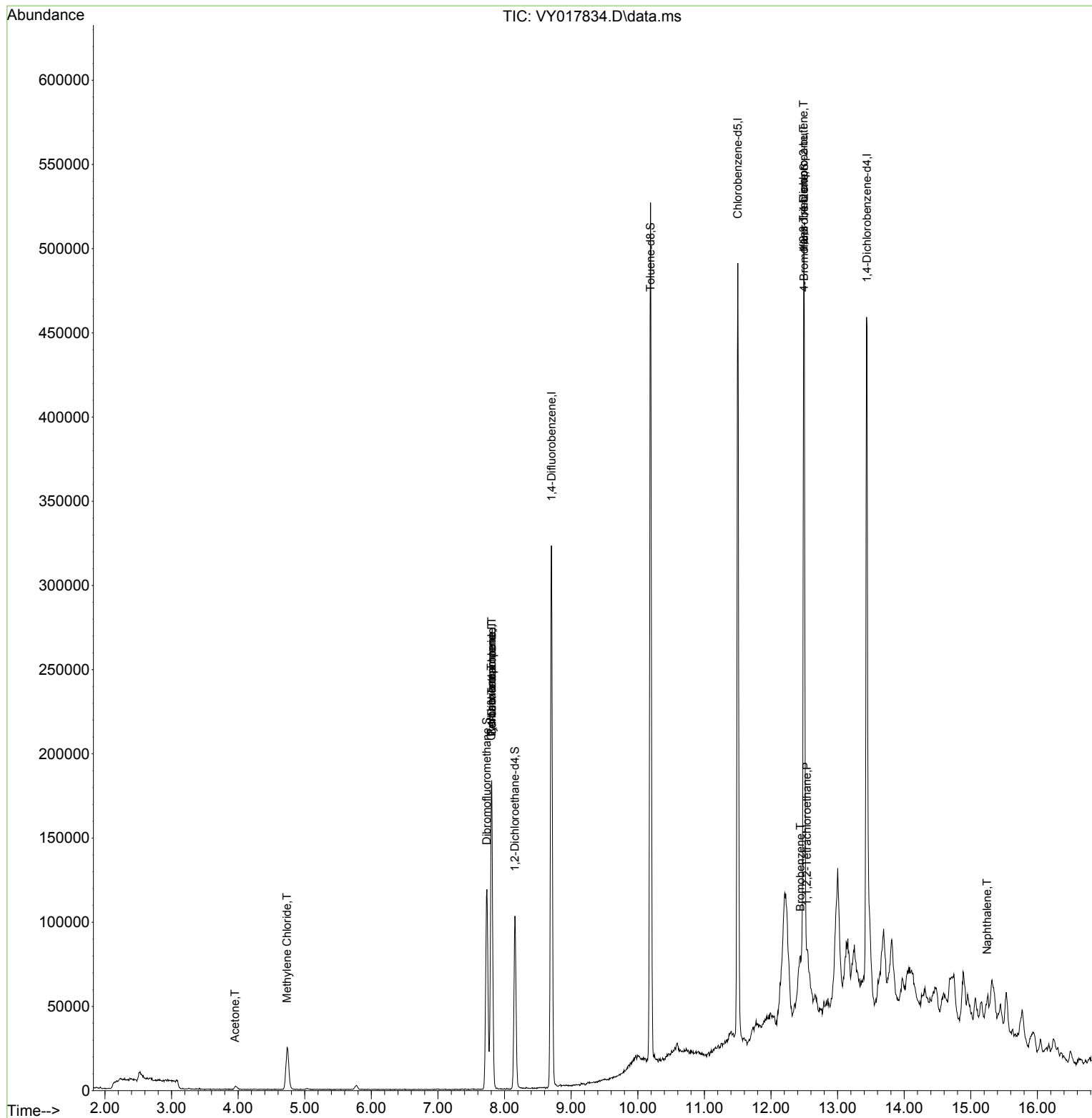
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.807	168	146073	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	276084	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	247912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	94842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78940	62.451	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.900%	
35) Dibromofluoromethane	7.734	113	84849	53.186	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.191	98	335185	56.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.496	95	94287	52.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.000%	
Target Compounds						Qvalue
16) Acetone	3.954	43	3550	13.587	ug/l	# 84
20) Methylene Chloride	4.735	84	19818	10.268	ug/l	# 97
31) Cyclohexane	7.801	56	3384	1.520	ug/l	# 23
36) 1,1-Dichloropropene	7.807	75	11129	4.781	ug/l	# 48
38) Carbon Tetrachloride	7.807	117	13543	5.604	ug/l	# 16
41) Methacrylonitrile	7.356	41	123	Below Cal	#	15
48) Methyl methacrylate	9.289	41	159	Below Cal	#	42
51) 4-Methyl-2-Pentanone	10.087	43	80	Below Cal	#	31
56) Ethyl methacrylate	10.539	69	77	Below Cal	#	1
58) 2-Chloroethyl Vinyl ether	9.789	63	102	Below Cal	#	13
59) 2-Hexanone	10.654	43	160	Below Cal		64
69) o-Xylene	12.044	106	619	Below Cal		94
70) Styrene	12.288	104	266	Below Cal		91
74) N-amyl acetate	12.142	43	905	Below Cal	#	37
75) 1,1,2,2-Tetrachloroethane	12.538	83	2054	1.787	ug/l	# 26
76) 1,2,3-Trichloropropane	12.489	75	54202	62.715	ug/l	# 100
77) Bromobenzene	12.441	156	24729	15.622	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.489	75	54202	118.368	ug/l	# 16
95) Naphthalene	15.245	128	934	1.200	ug/l	# 22

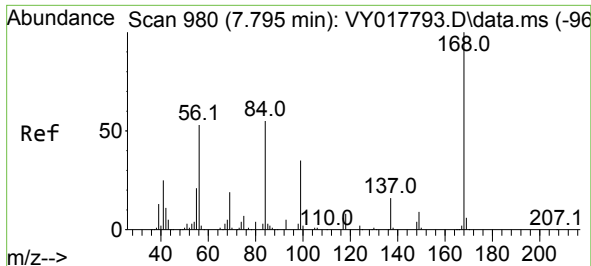
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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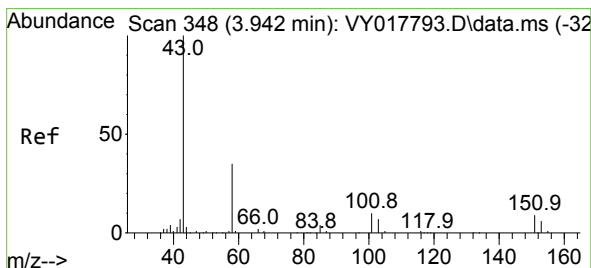
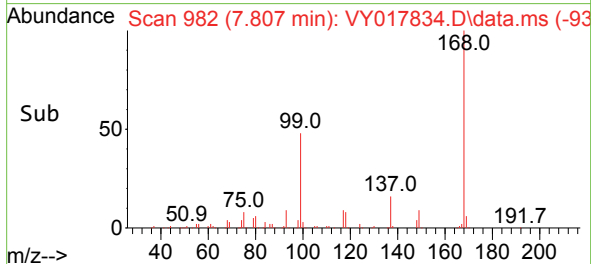
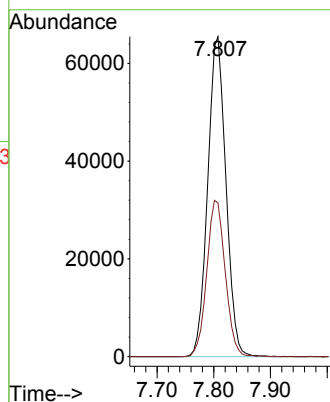
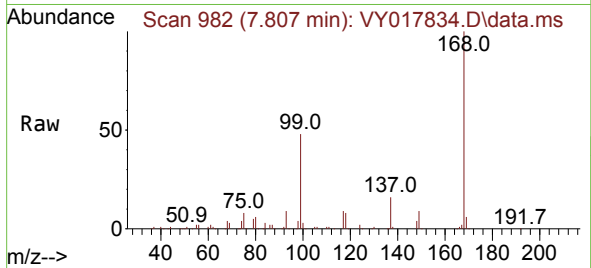




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

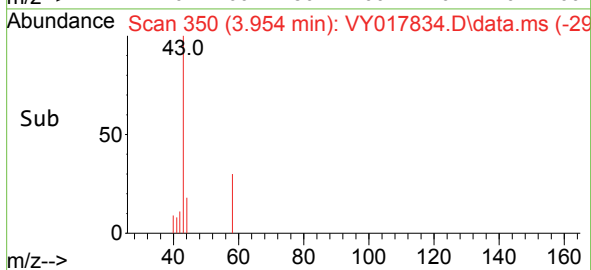
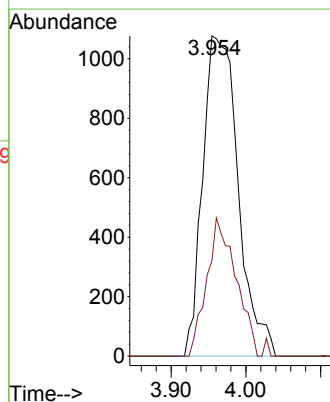
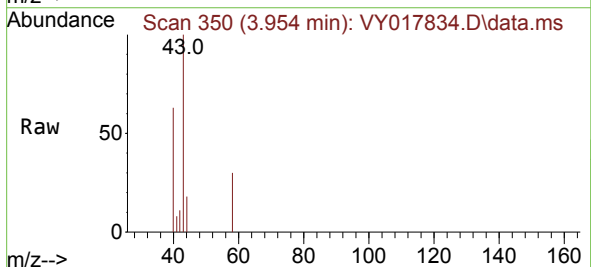
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

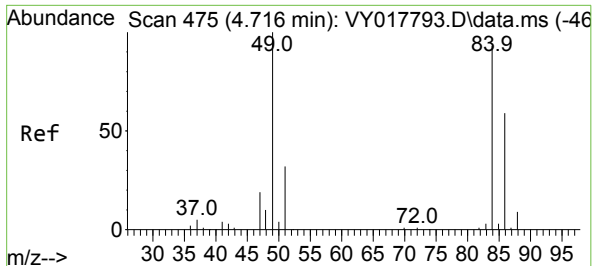
Tgt Ion:168 Resp: 146073
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#16
Acetone
Concen: 13.587 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#



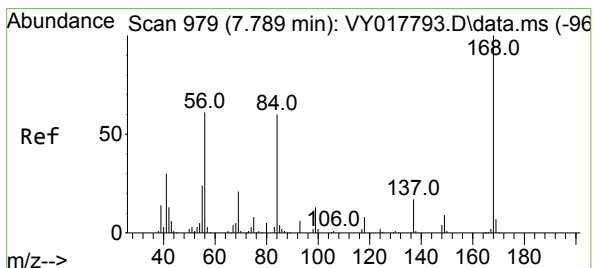
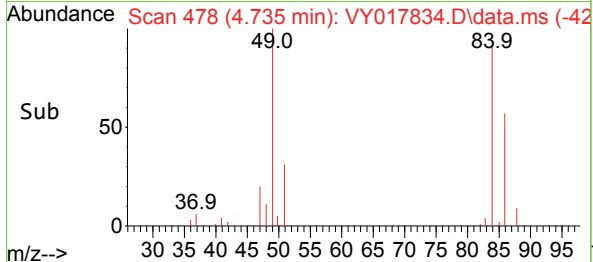
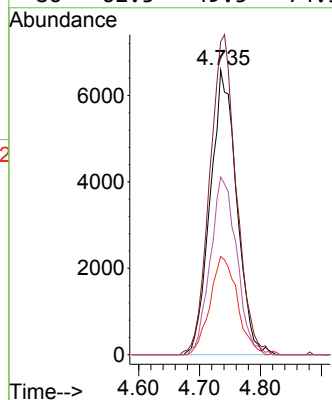
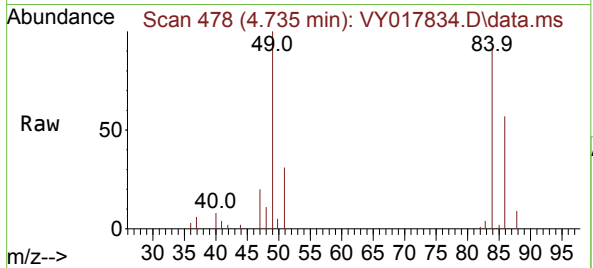


#20
Methylene Chloride
Concen: 10.268 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

Tgt Ion: 84 Resp: 19818

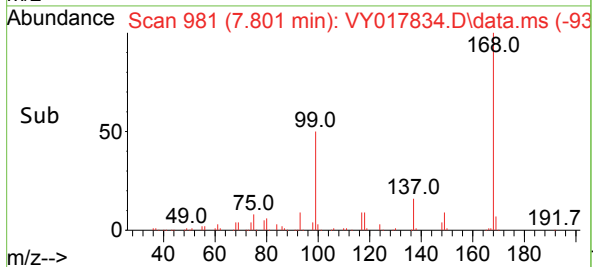
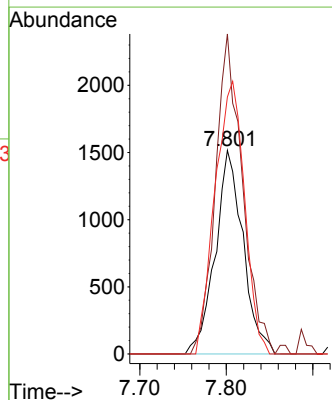
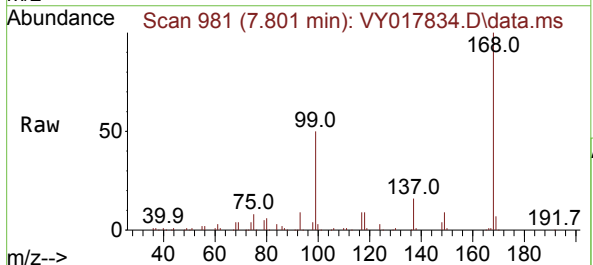
Ion	Ratio	Lower	Upper
84	100		
49	110.0	84.4	126.6
51	34.5	26.0	39.0
86	62.5	49.5	74.3

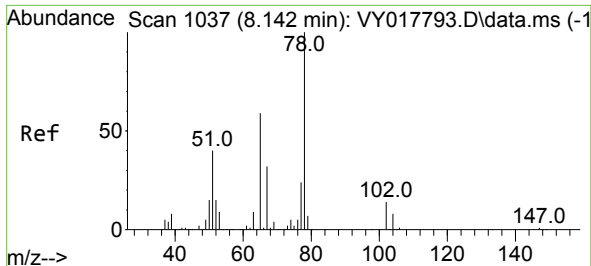


#31
Cyclohexane
Concen: 1.520 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 56 Resp: 3384

Ion	Ratio	Lower	Upper
56	100		
69	157.2	28.7	43.1#
84	126.3	77.7	116.5#

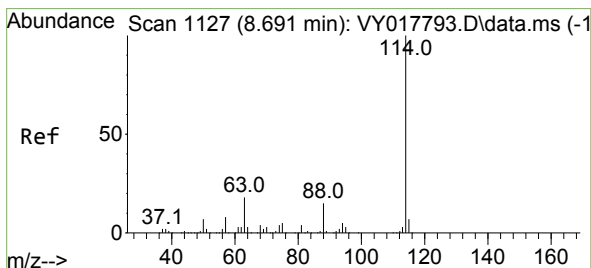
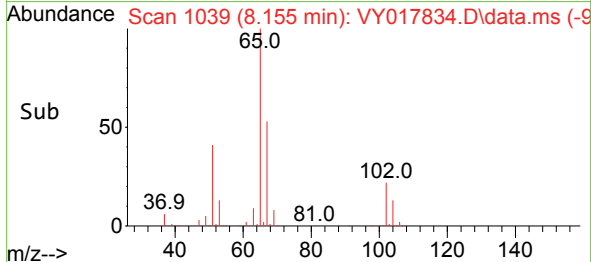
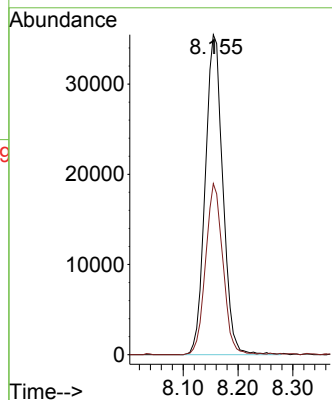
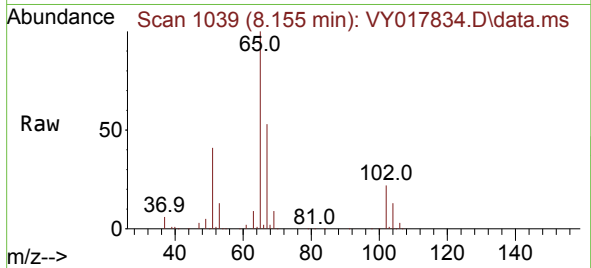




#33
 1,2-Dichloroethane-d4
 Concen: 62.451 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017834.D
 Acq: 03 Apr 2024 14:36

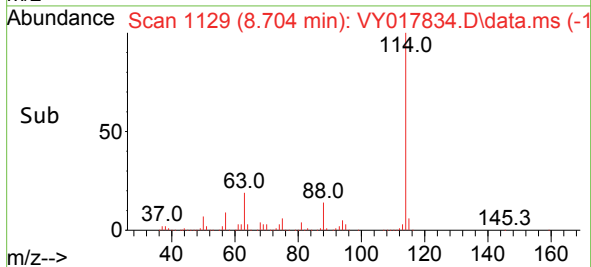
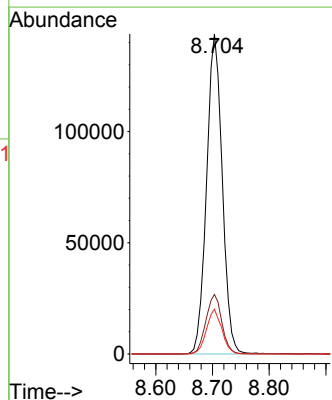
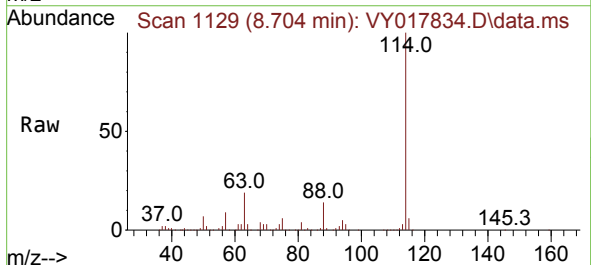
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-A-GRAB

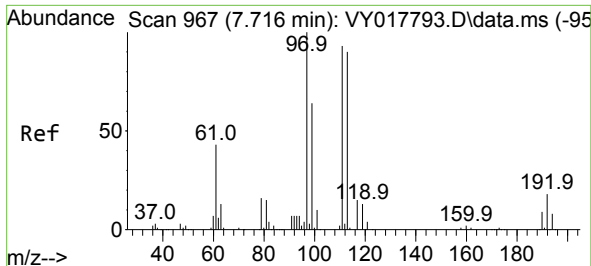
Tgt Ion: 65 Resp: 78940
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017834.D
 Acq: 03 Apr 2024 14:36

Tgt Ion: 114 Resp: 276084
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.0
 88 14.0 0.0 27.2

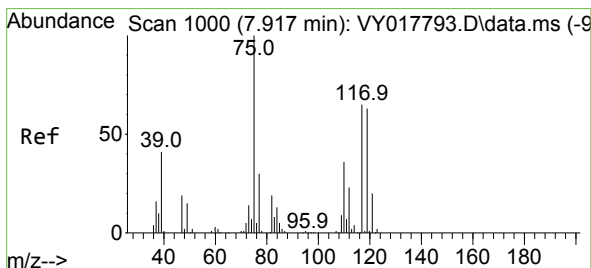
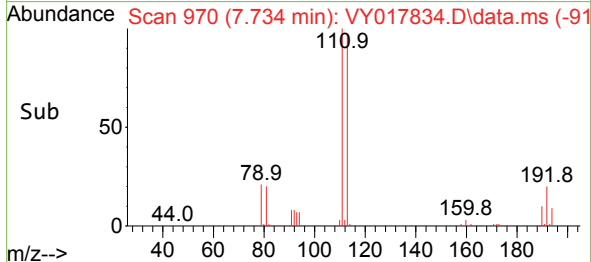
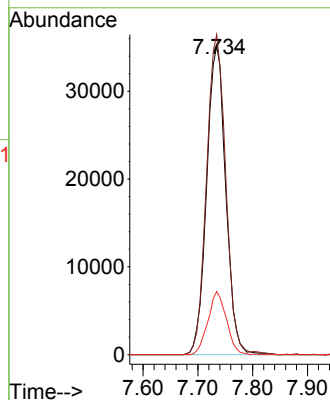
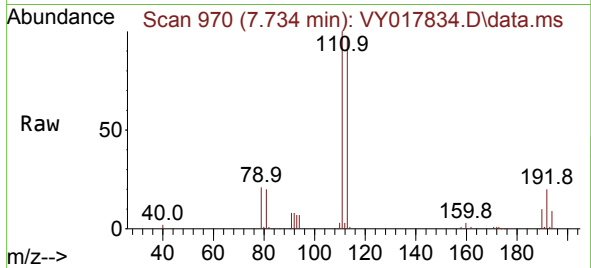




#35
Dibromofluoromethane
Concen: 53.186 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

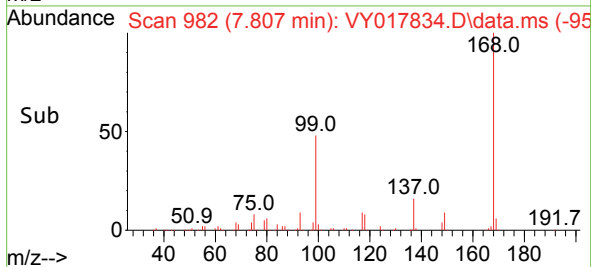
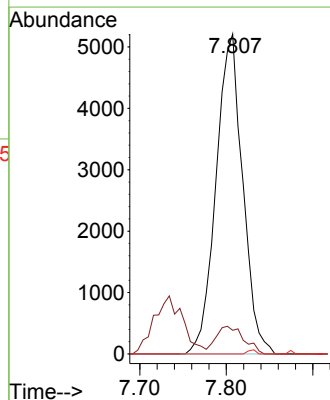
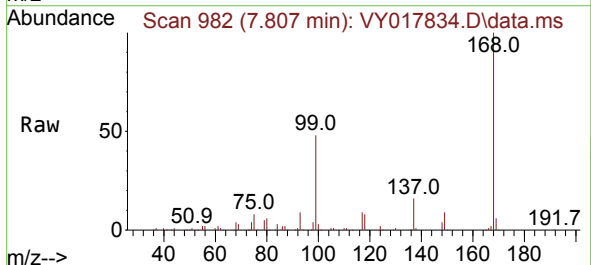
Instrument :
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ClientSampleId :
WC-A-GRAB

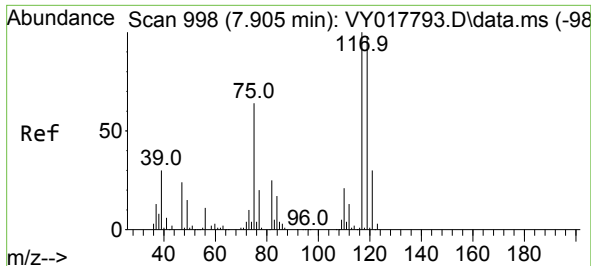
Tgt Ion:113 Resp: 84849
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.781 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 75 Resp: 11129
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#

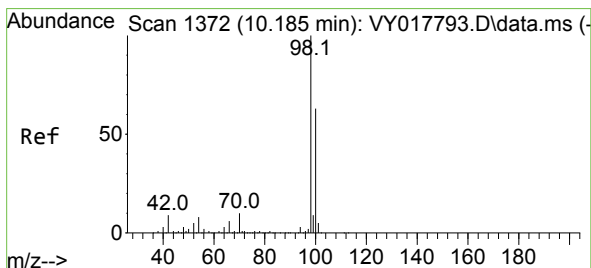
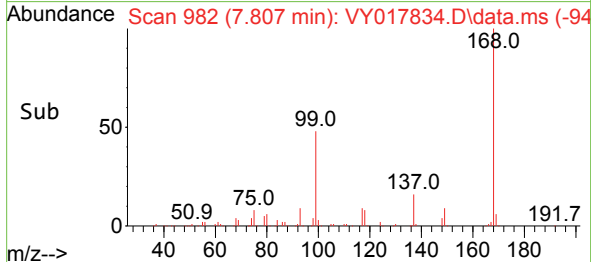
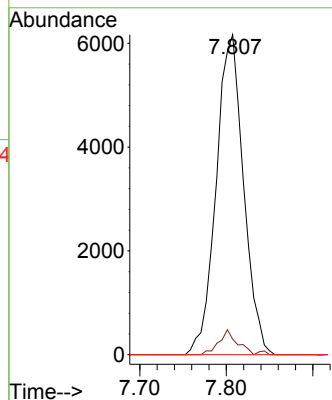
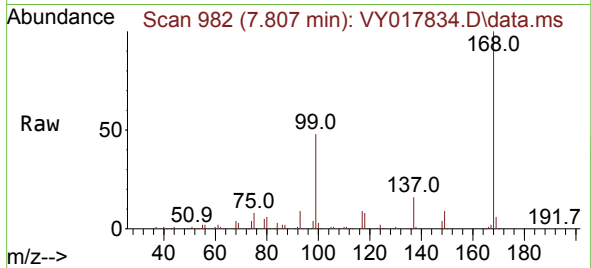




#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

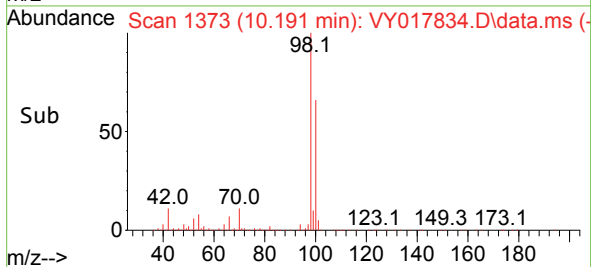
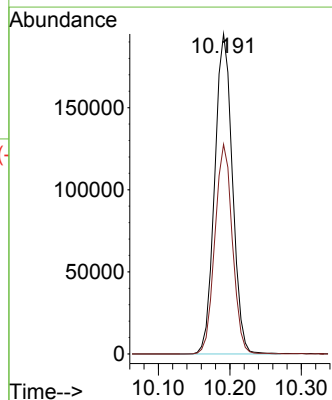
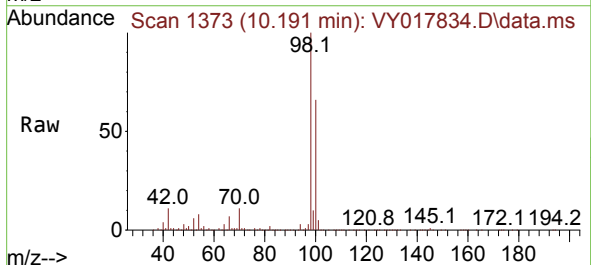
Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

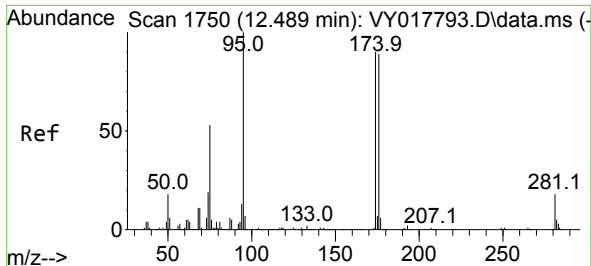
Tgt Ion:117 Resp: 13543
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.246 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 98 Resp: 335185
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

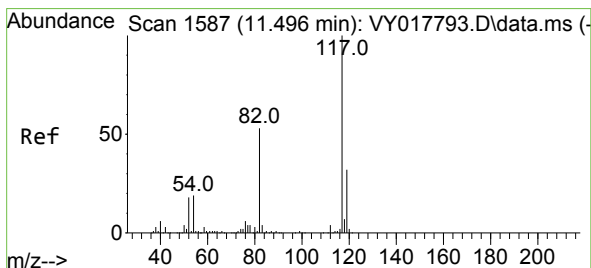
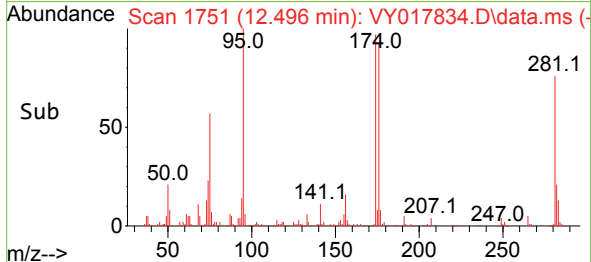
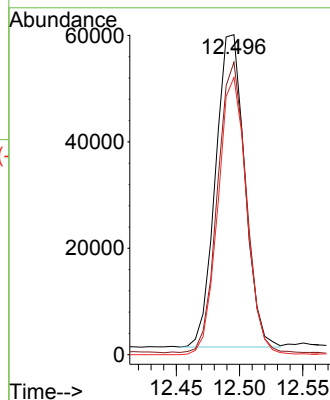
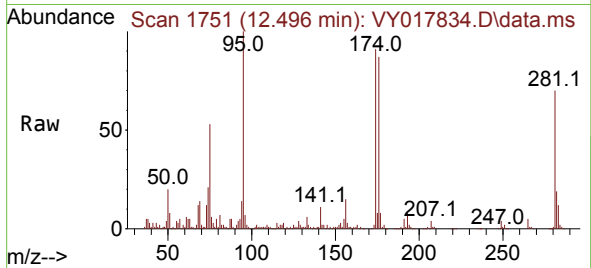




#62
4-Bromofluorobenzene
Concen: 52.003 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

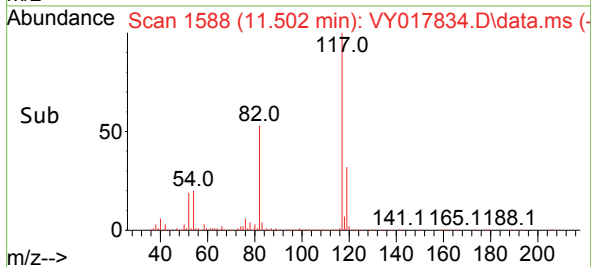
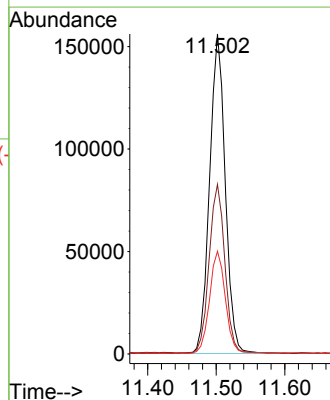
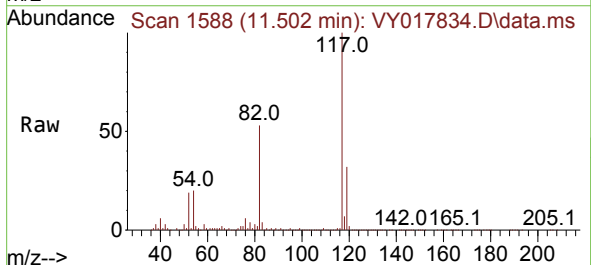
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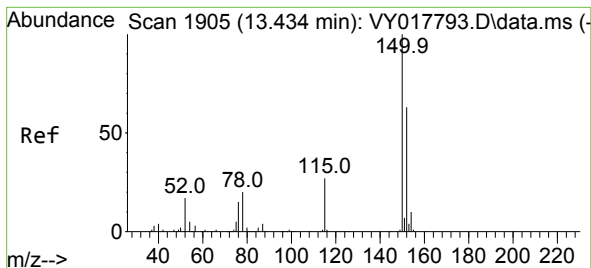
Tgt Ion: 95 Resp: 94287
Ion Ratio Lower Upper
95 100
174 91.9 0.0 175.6
176 87.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion: 117 Resp: 247912
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-A-GRAB

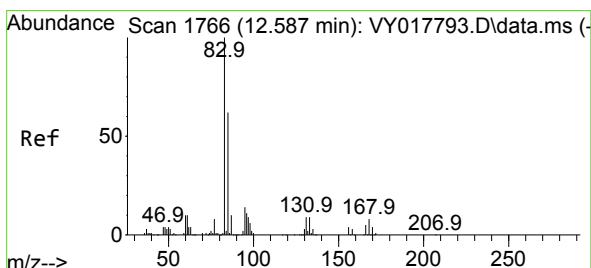
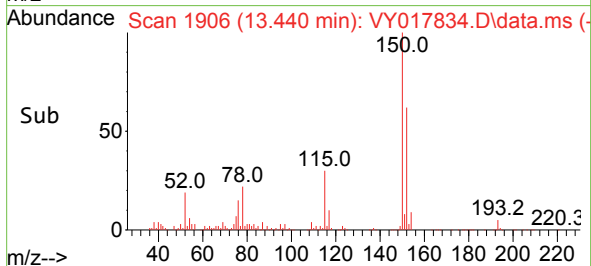
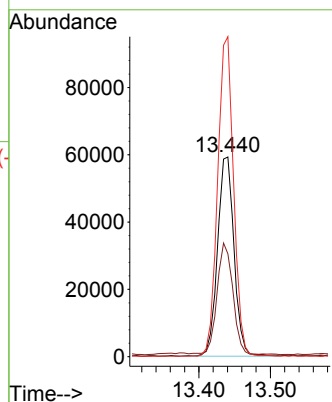
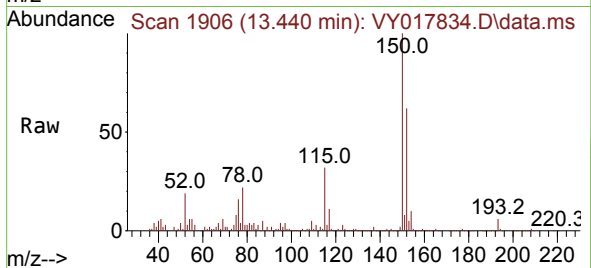
Tgt Ion:152 Resp: 94842

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 155.0 0.0 345.6



#75

1,1,2,2-Tetrachloroethane

Concen: 1.787 ug/l

RT: 12.538 min Scan# 1758

Delta R.T. -0.049 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

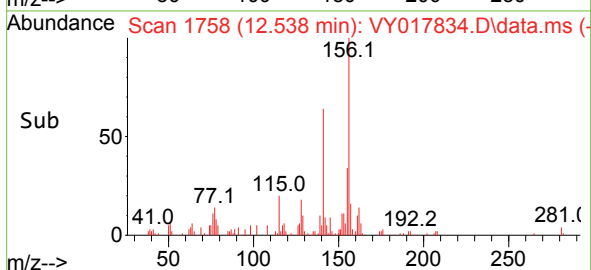
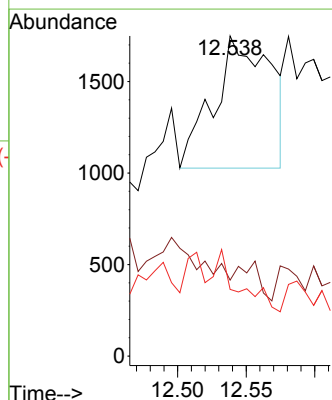
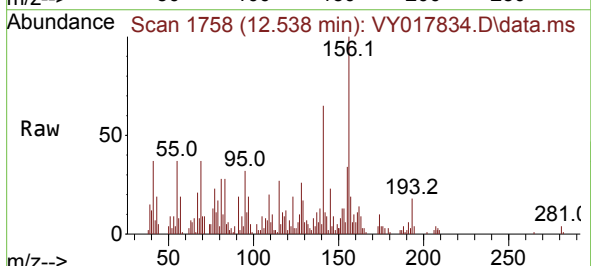
Tgt Ion: 83 Resp: 2054

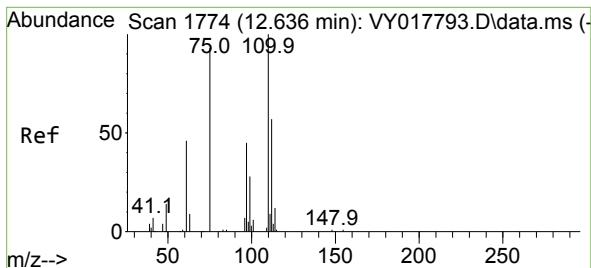
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 62.715 ug/l

RT: 12.489 min Scan# 1

Delta R.T. -0.146 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

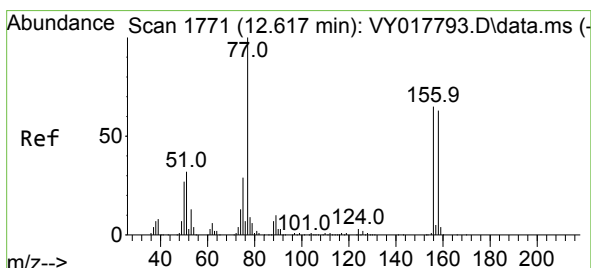
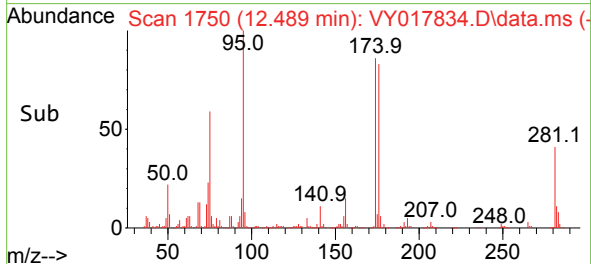
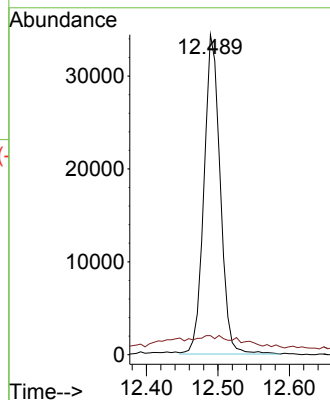
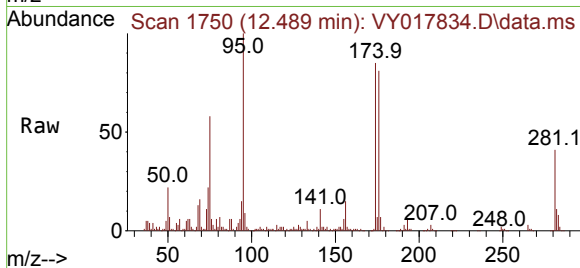
WC-A-GRAB

Tgt Ion: 75 Resp: 54202

Ion Ratio Lower Upper

75 100

77 7.1 0.0 0.0#



#77

Bromobenzene

Concen: 15.622 ug/l

RT: 12.441 min Scan# 1742

Delta R.T. -0.177 min

Lab File: VY017834.D

Acq: 03 Apr 2024 14:36

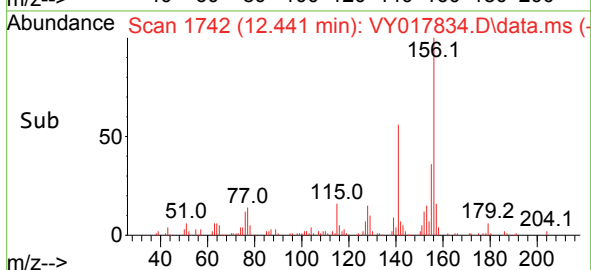
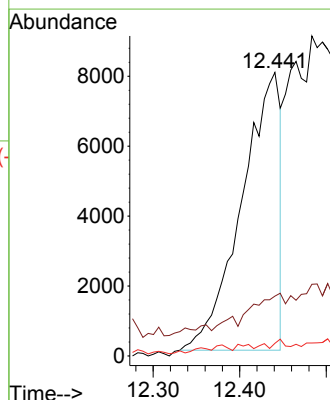
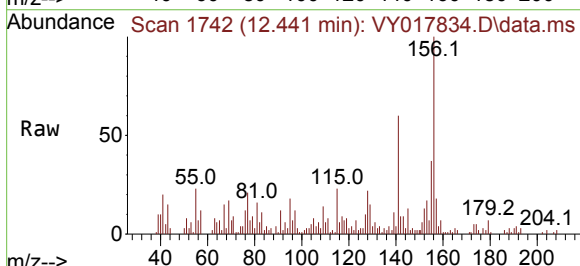
Tgt Ion: 156 Resp: 24729

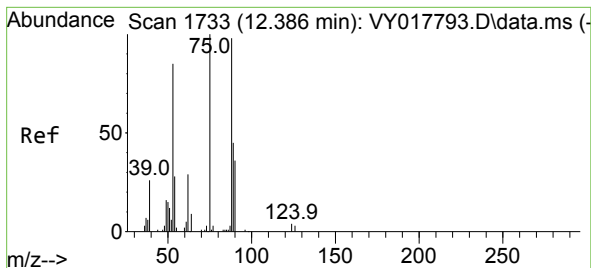
Ion Ratio Lower Upper

156 100

77 9.7 87.1 261.3#

158 1.6 48.6 145.9#

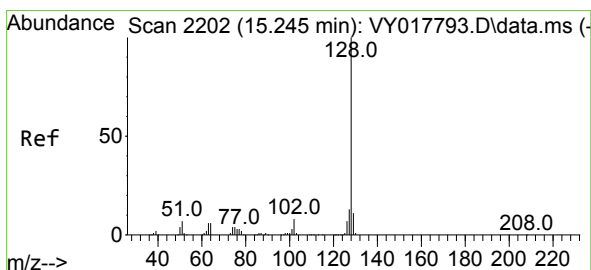
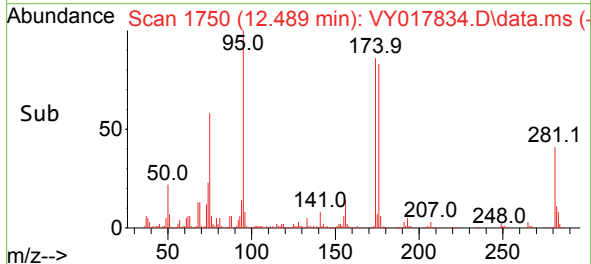
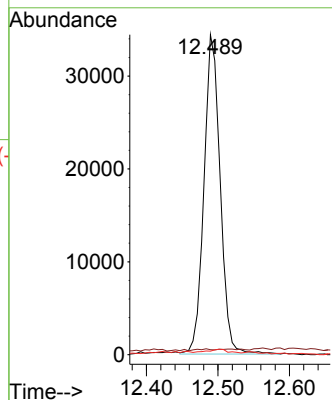
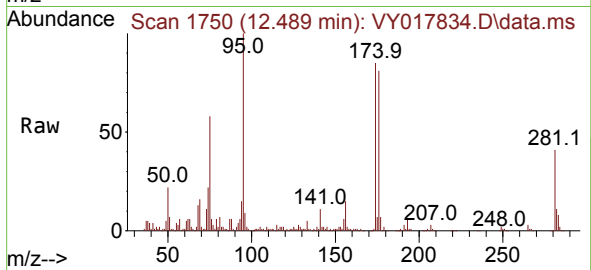




#81
trans-1,4-Dichloro-2-butene
Concen: 118.368 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
WC-A-GRAB

Tgt Ion: 75 Resp: 54202
Ion Ratio Lower Upper
75 100
53 0.6 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.200 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017834.D
Acq: 03 Apr 2024 14:36

Tgt Ion:128 Resp: 934
Ion Ratio Lower Upper
128 100
127 61.5 10.6 16.0#
129 20.6 8.6 13.0#

