

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017836.D
 Acq On : 03 Apr 2024 15:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 04 01:13:00 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)

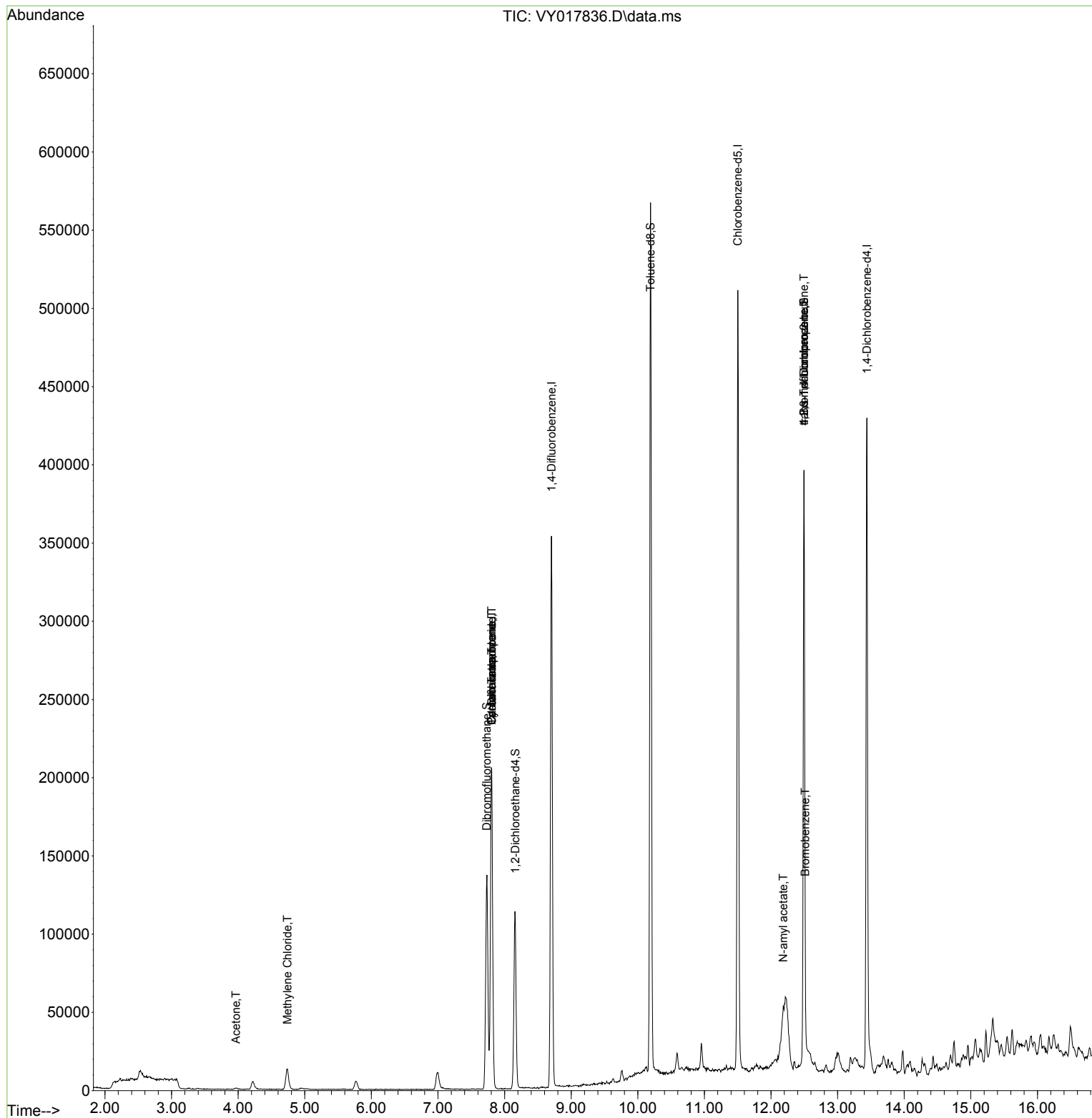
Internal Standards						
1) Pentafluorobenzene	7.807	168	165899	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	305572	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	267110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86838	60.490	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.980%	
35) Dibromofluoromethane	7.734	113	96305	54.541	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.191	98	361546	54.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.495	95	99751	49.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	845	Below Cal	#	88
16) Acetone	3.966	43	1580	5.324	ug/l #	86
20) Methylene Chloride	4.741	84	9995	3.001	ug/l	90
31) Cyclohexane	7.807	56	3589	1.419	ug/l #	30
36) 1,1-Dichloropropene	7.807	75	13286	5.157	ug/l #	48
38) Carbon Tetrachloride	7.807	117	15444	5.774	ug/l #	16
41) Methacrylonitrile	7.338	41	23	Below Cal	#	31
48) Methyl methacrylate	9.319	41	101	Below Cal	#	70
51) 4-Methyl-2-Pentanone	10.087	43	880	Below Cal		98
56) Ethyl methacrylate	10.520	69	188	Below Cal	#	1
58) 2-Chloroethyl Vinyl ether	9.996	63	122	Below Cal		90
59) 2-Hexanone	10.862	43	173	Below Cal	#	38
69) o-Xylene	12.050	106	327	Below Cal		97
70) Styrene	12.050	104	408	Below Cal	#	12
74) N-amyl acetate	12.185	43	2166	1.094	ug/l #	69
76) 1,2,3-Trichloropropane	12.495	75	55677	59.301	ug/l #	100
77) Bromobenzene	12.514	156	10620	6.176	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.495	75	55677	113.487	ug/l #	16

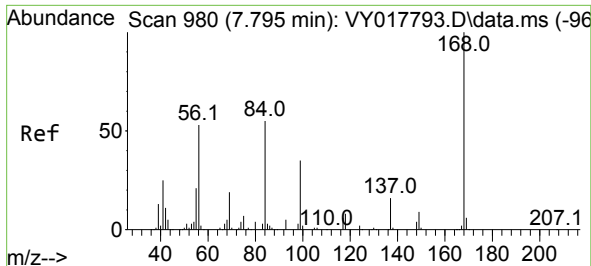
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

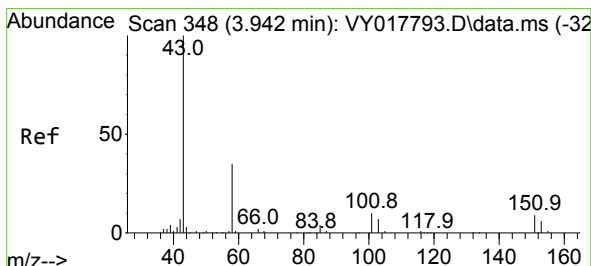
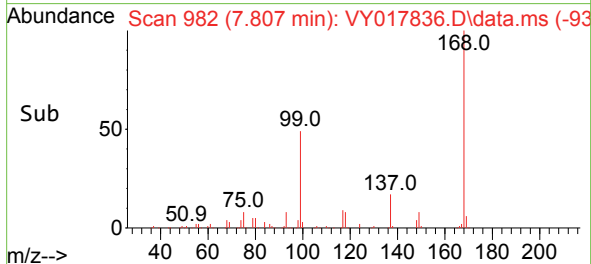
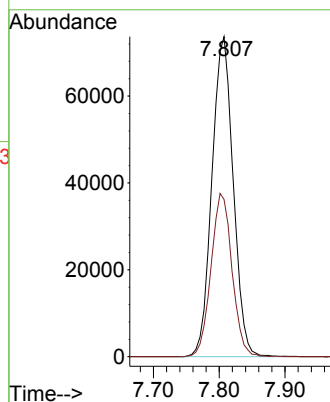
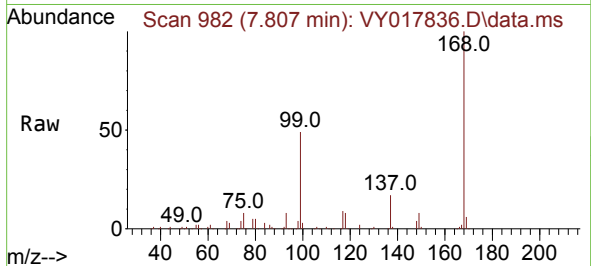




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

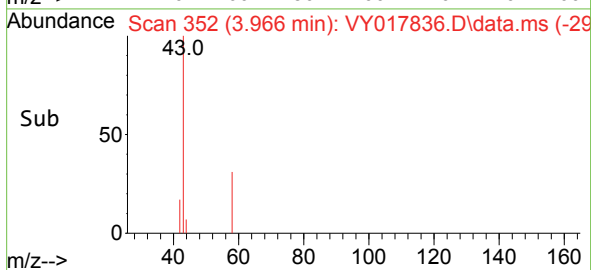
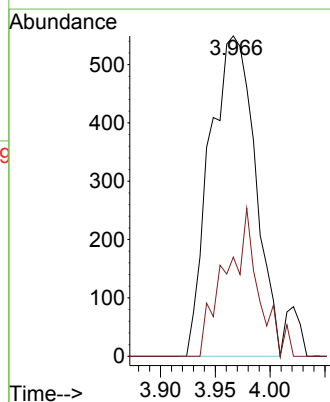
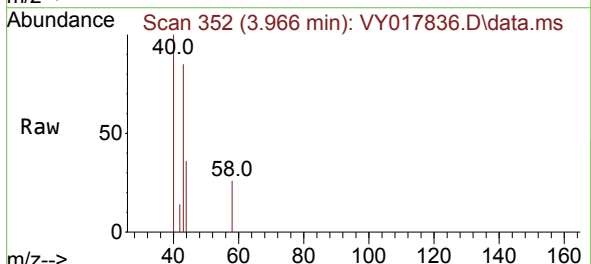
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

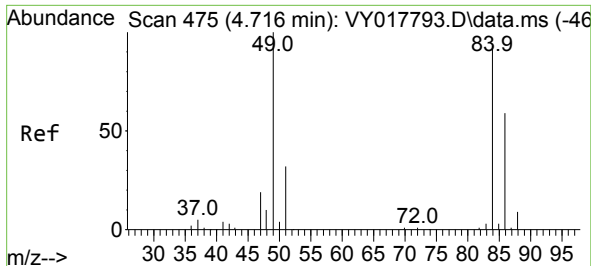
Tgt Ion:168 Resp: 165899
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#16
Acetone
Concen: 5.324 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 31.0 31.7 47.5#

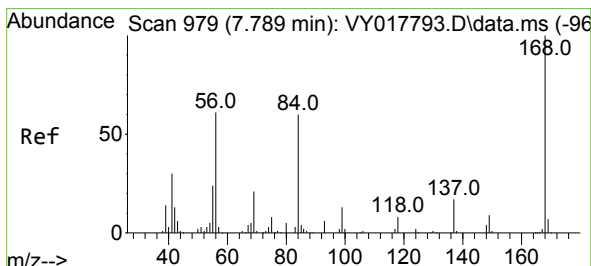
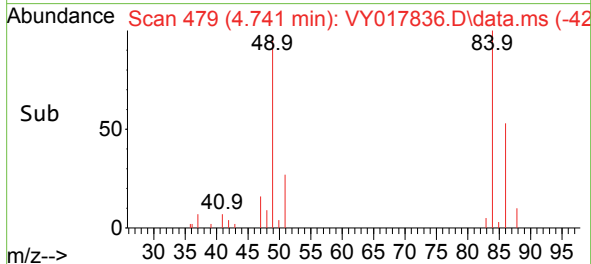
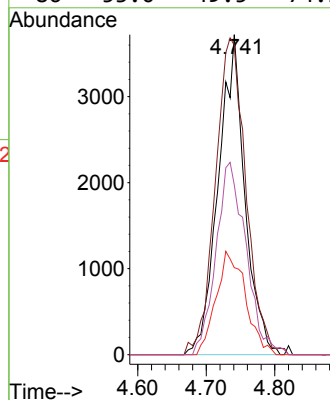
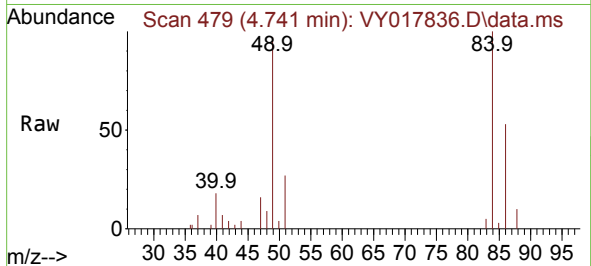




#20
Methylene Chloride
Concen: 3.001 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

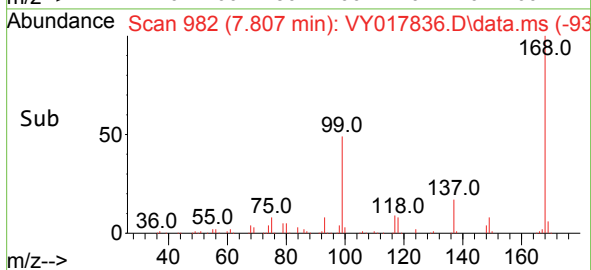
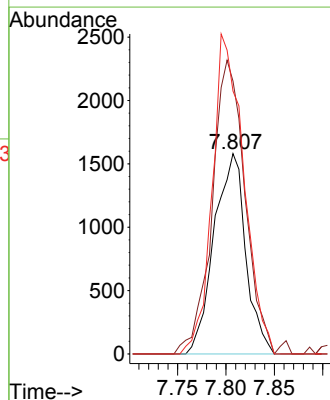
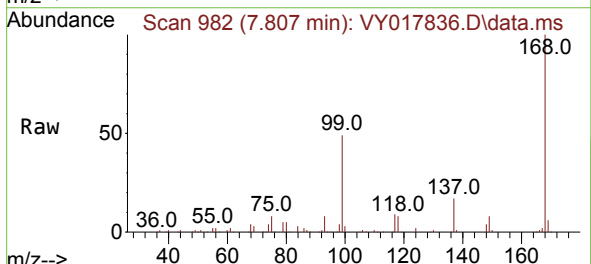
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

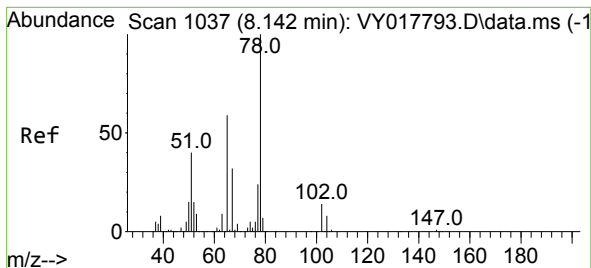
Tgt Ion:	84	Resp:	9995
Ion	Ratio	Lower	Upper
84	100		
49	96.7	84.4	126.6
51	27.2	26.0	39.0
86	53.0	49.5	74.3



#31
Cyclohexane
Concen: 1.419 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

Tgt Ion:	56	Resp:	3589
Ion	Ratio	Lower	Upper
56	100		
69	132.5	28.7	43.1#
84	131.3	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.490 ug/l

RT: 8.161 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

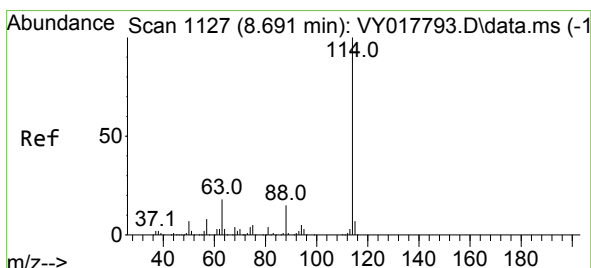
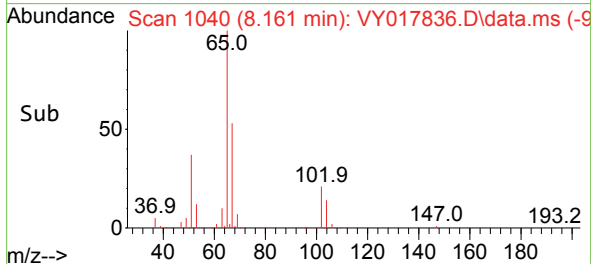
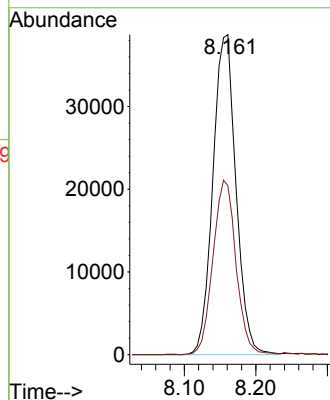
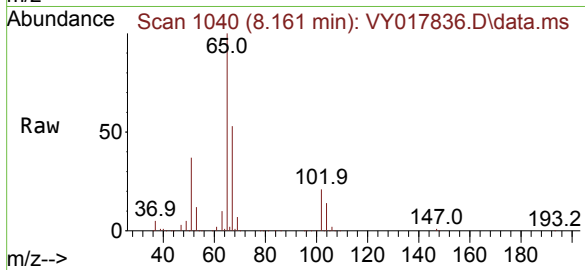
VIBLK

Tgt Ion: 65 Resp: 86838

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

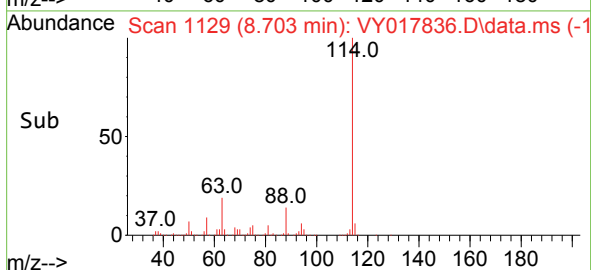
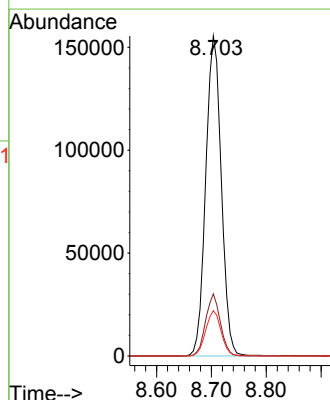
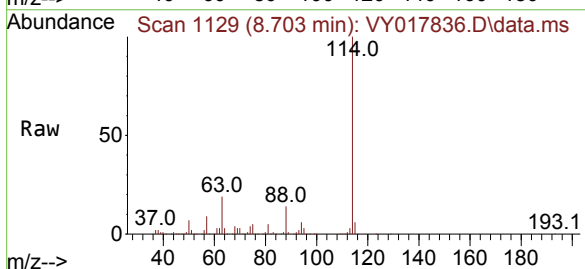
Tgt Ion: 114 Resp: 305572

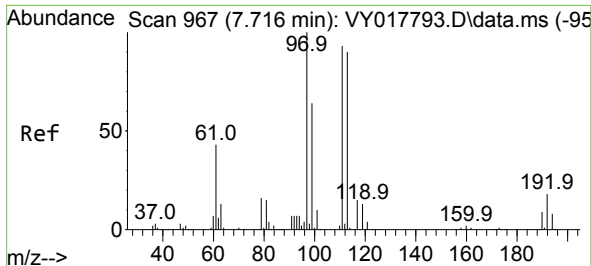
Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.2 0.0 27.2

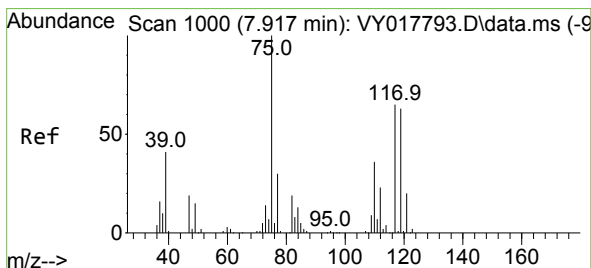
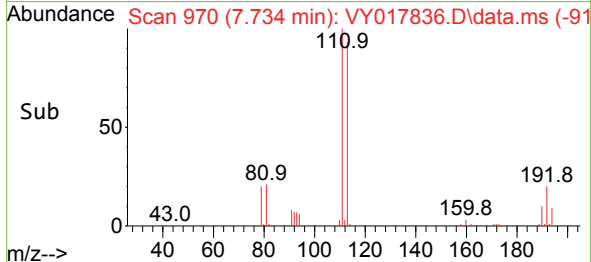
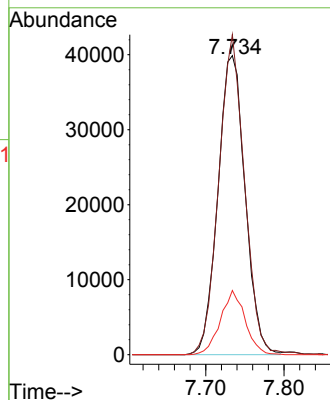
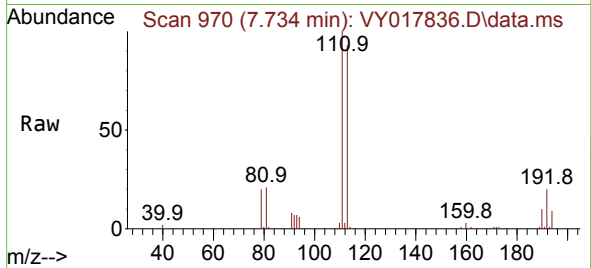




#35
Dibromofluoromethane
Concen: 54.541 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

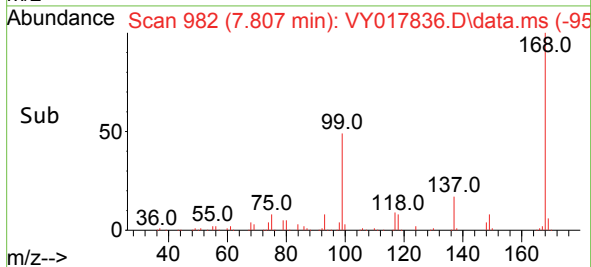
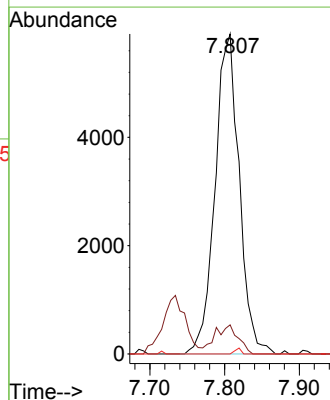
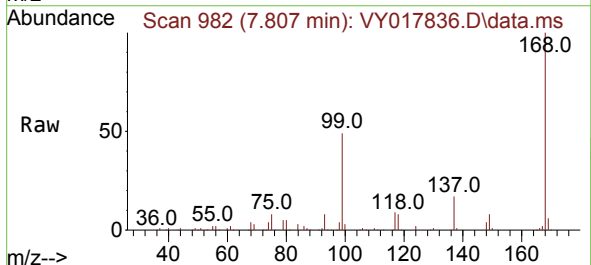
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

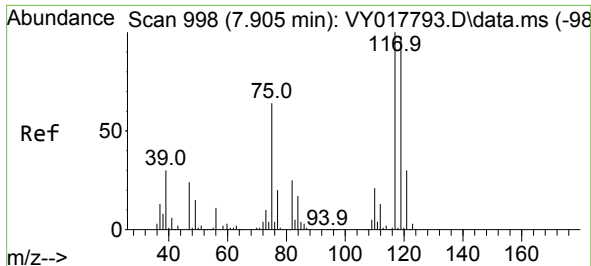
Tgt Ion:113 Resp: 96305
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

Tgt Ion: 75 Resp: 13286
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.5 25.3 37.9#

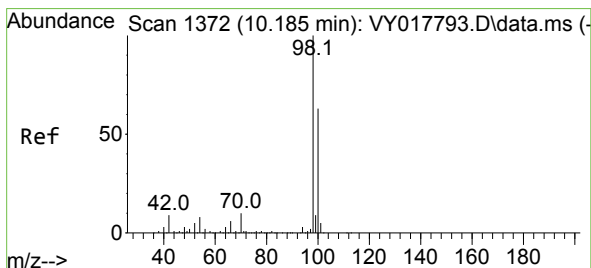
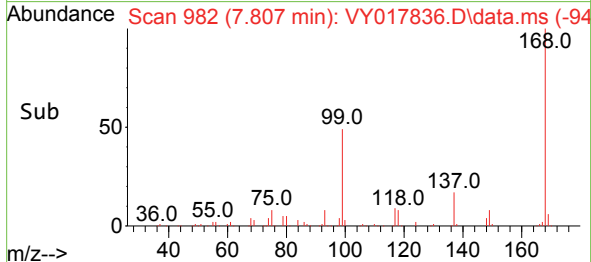
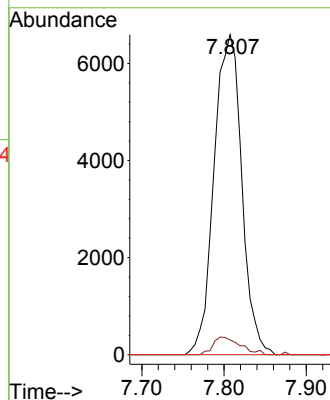
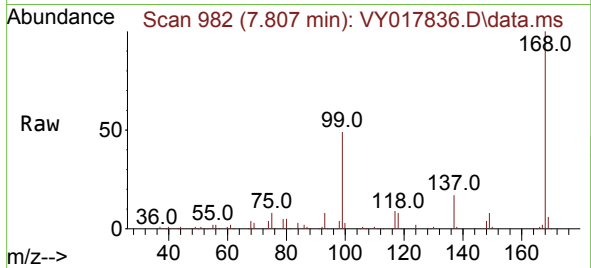




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

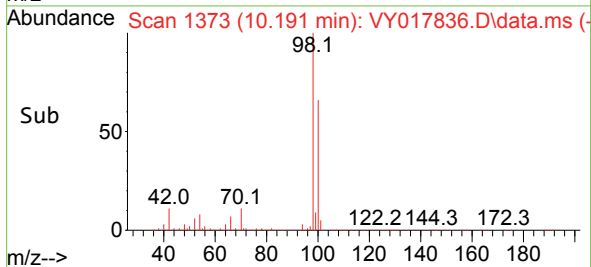
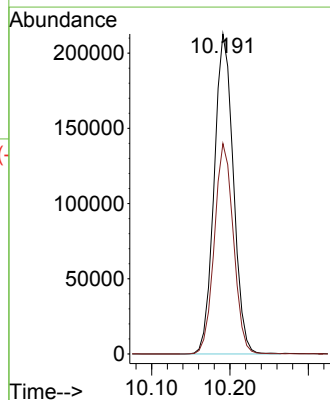
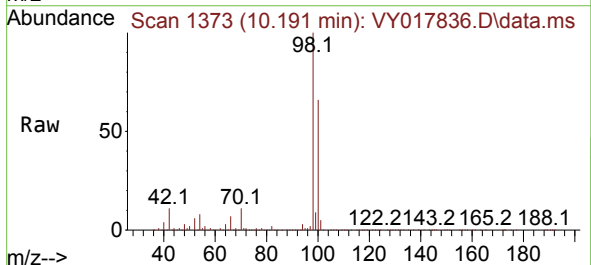
Instrument :
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ClientSampleId :
VIBLK

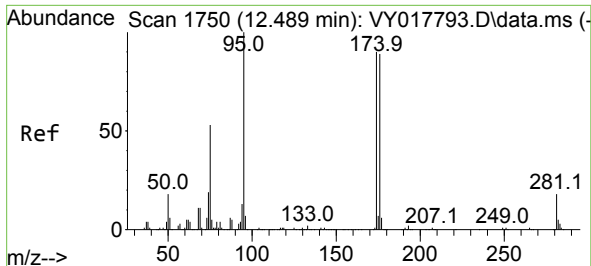
Tgt Ion:117 Resp: 15444
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.815 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

Tgt Ion: 98 Resp: 361546
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

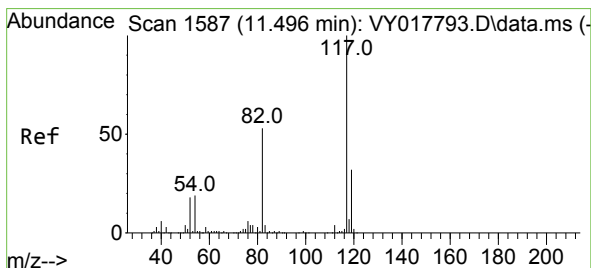
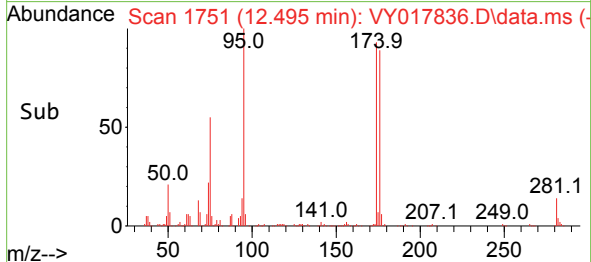
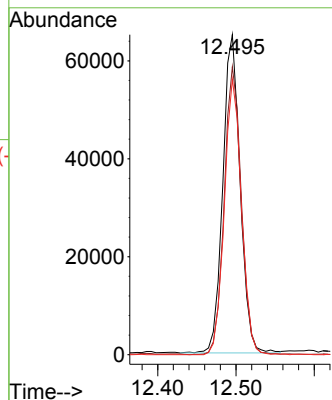
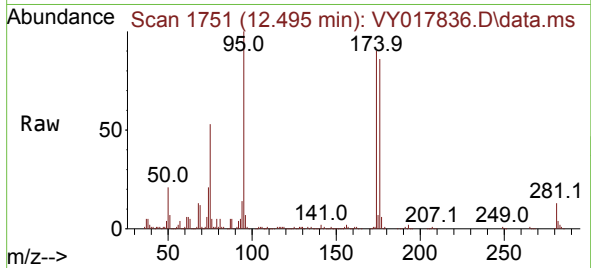




#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

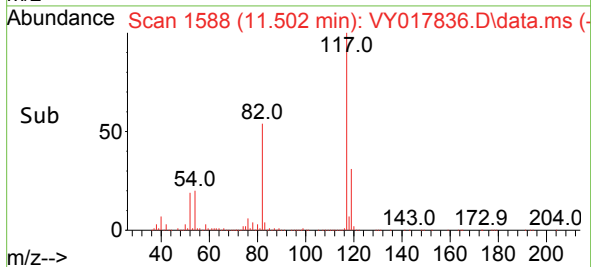
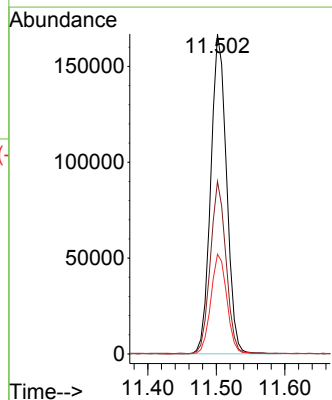
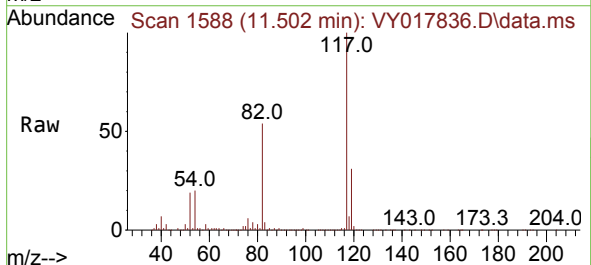
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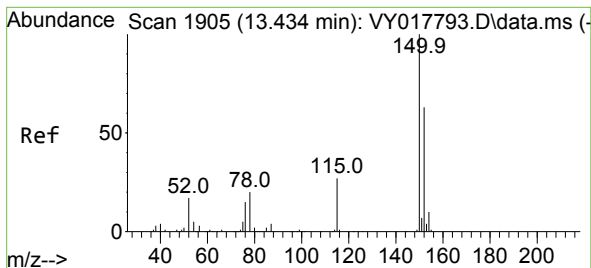
Tgt Ion: 95 Resp: 99751
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017836.D
Acq: 03 Apr 2024 15:23

Tgt Ion: 117 Resp: 267110
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 31.1 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: VY017836.D

Acq: 03 Apr 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

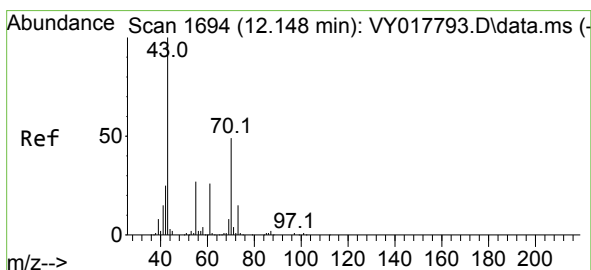
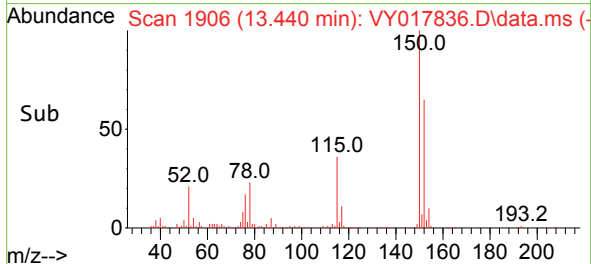
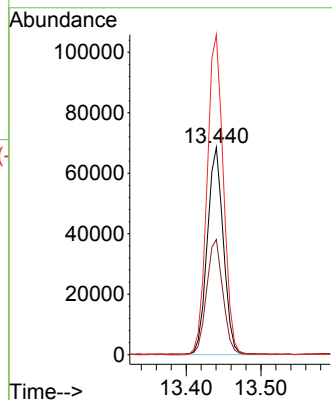
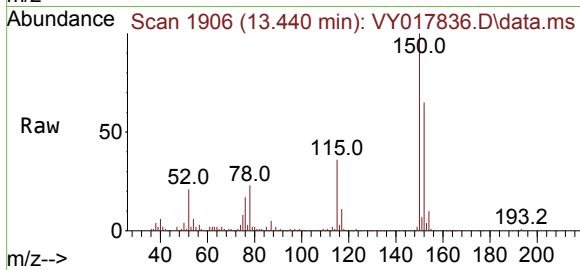
Tgt Ion:152 Resp: 103033

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 155.9 0.0 345.6



#74

N-ethyl acetate

Concen: 1.094 ug/l

RT: 12.185 min Scan# 1700

Delta R.T. 0.037 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Tgt Ion: 43 Resp: 2166

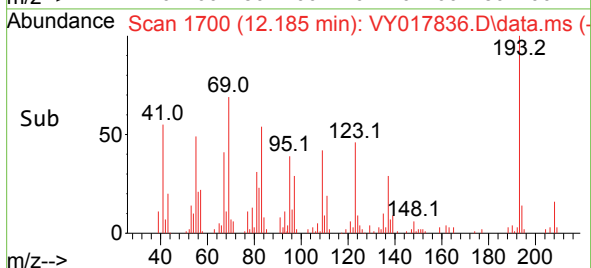
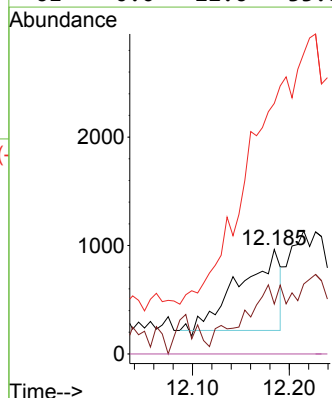
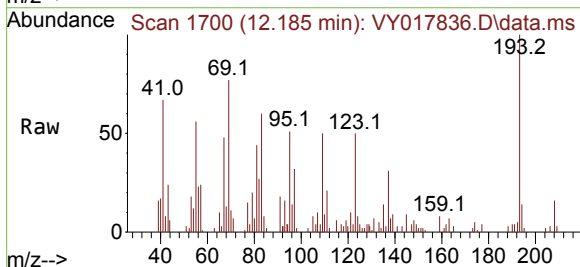
Ion Ratio Lower Upper

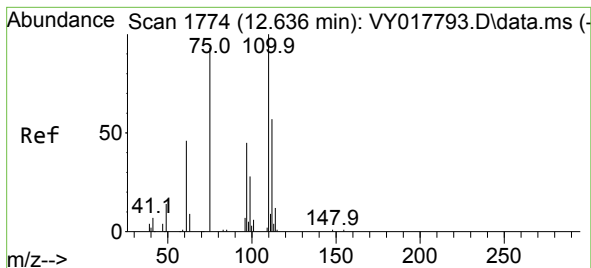
43 100

70 48.2 41.4 62.2

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#





#76

1,2,3-Trichloropropane

Concen: 59.301 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

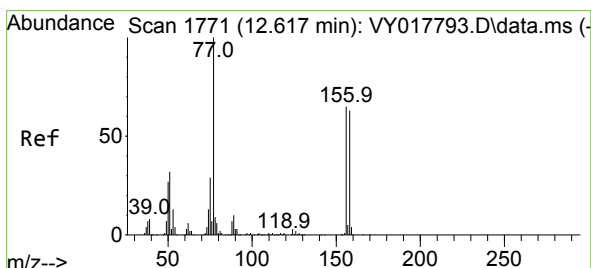
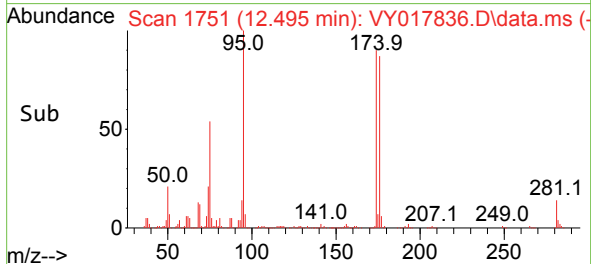
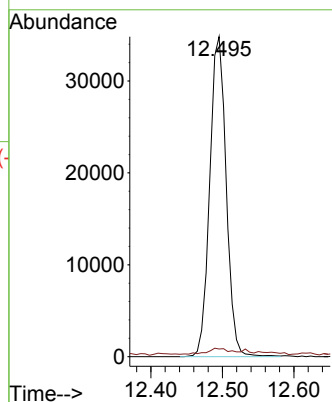
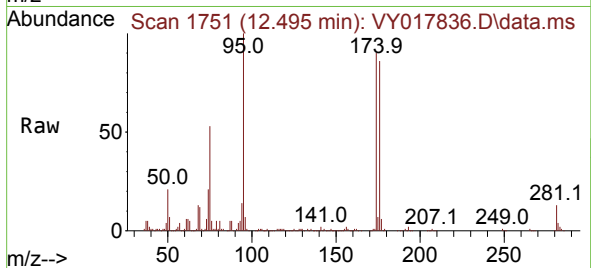
VIBLK

Tgt Ion: 75 Resp: 55677

Ion Ratio Lower Upper

75 100

77 2.7 0.0 0.0#



#77

Bromobenzene

Concen: 6.176 ug/l

RT: 12.514 min Scan# 1754

Delta R.T. -0.104 min

Lab File: VY017836.D

Acq: 03 Apr 2024 15:23

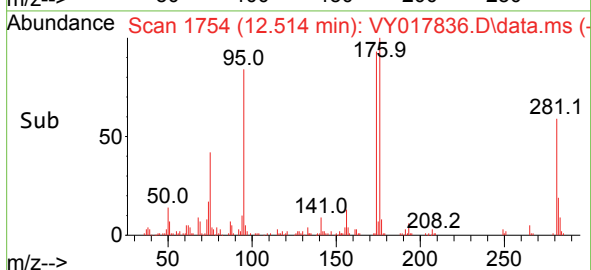
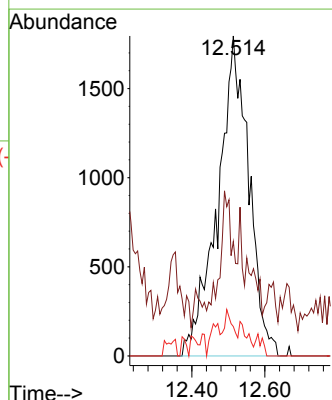
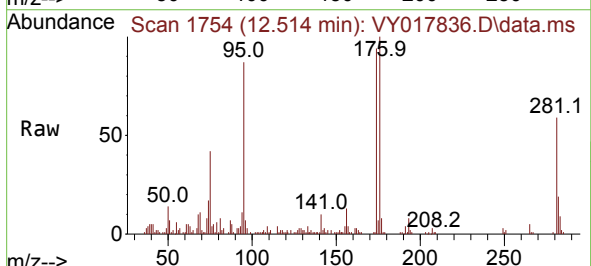
Tgt Ion: 156 Resp: 10620

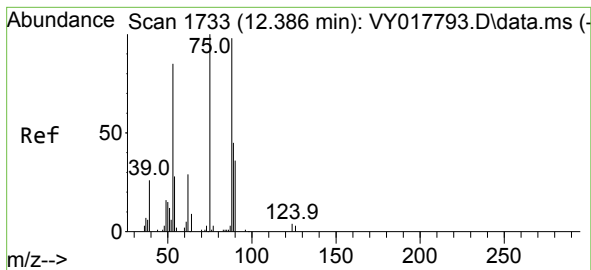
Ion Ratio Lower Upper

156 100

77 0.0 87.1 261.3#

158 2.9 48.6 145.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.487 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY017836.D
 Acq: 03 Apr 2024 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:	75	Resp:	55677
Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.5	35.8	53.6#

