

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017845.D
 Acq On : 04 Apr 2024 11:37
 Operator : SY/MD
 Sample : P1955-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20103RE

Quant Time: Apr 05 00:44:53 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)

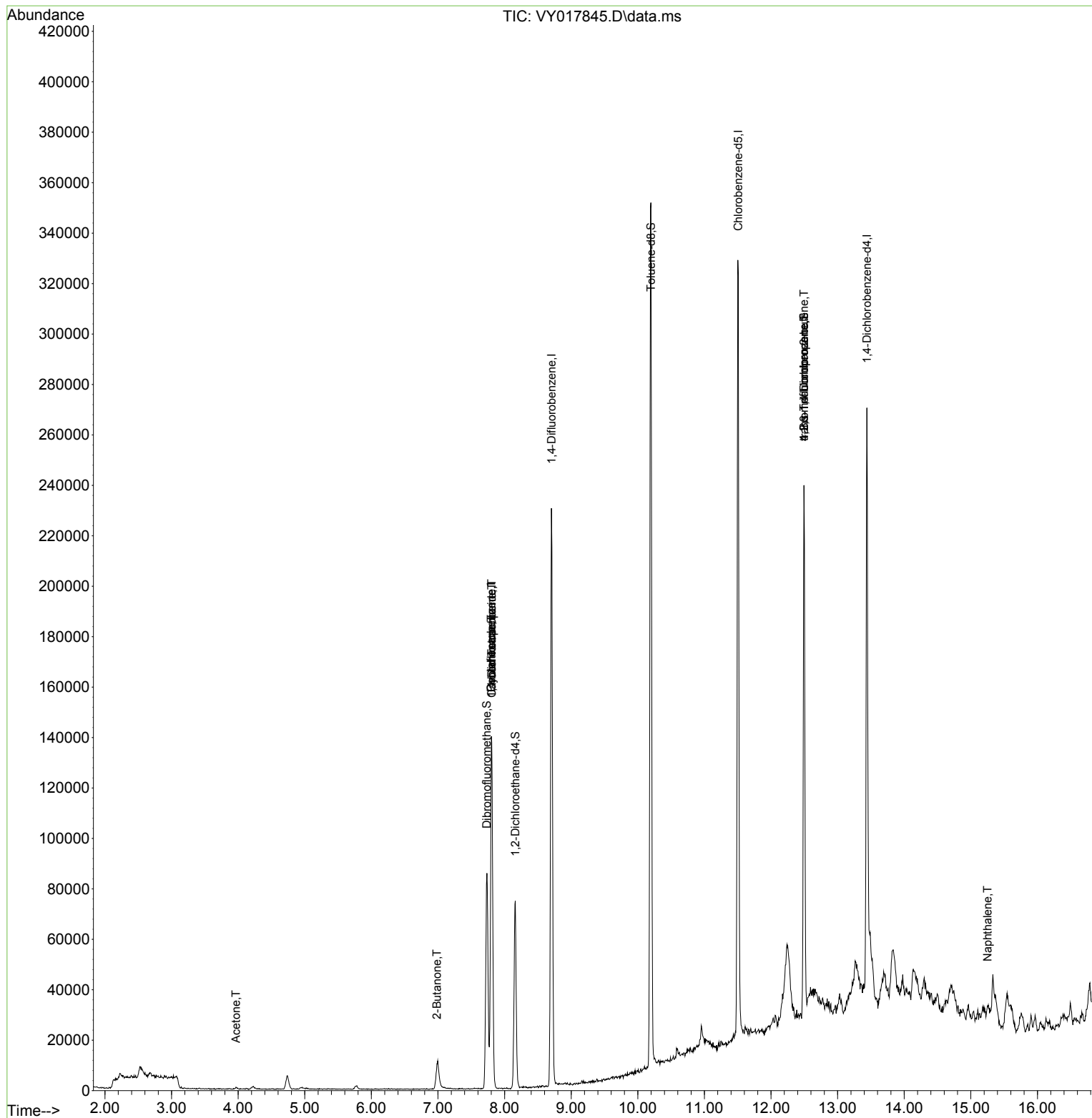
Internal Standards						
1) Pentafluorobenzene	7.801	168	112828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	200342	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	173399	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	58670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57270	58.658	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.320%			
35) Dibromofluoromethane	7.734	113	62504	53.991	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.980%			
50) Toluene-d8	10.197	98	237915	55.017	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.040%			
62) 4-Bromofluorobenzene	12.495	95	60054	45.645	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.280%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	772	Below Cal	#	88
16) Acetone	3.966	43	899	4.455	ug/l	100
25) 2-Butanone	6.984	43	295	1.026	ug/l #	41
31) Cyclohexane	7.801	56	2323	1.351	ug/l #	10
36) 1,1-Dichloropropene	7.807	75	8729	5.168	ug/l #	48
38) Carbon Tetrachloride	7.807	117	10408	5.935	ug/l #	17
41) Methacrylonitrile	7.350	41	27	Below Cal	#	15
48) Methyl methacrylate	9.289	41	130	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.087	43	315	Below Cal	#	31
56) Ethyl methacrylate	10.532	69	257	Below Cal	#	74
58) 2-Chloroethyl Vinyl ether	9.819	63	26	Below Cal	#	45
59) 2-Hexanone	10.843	43	69	Below Cal	#	19
69) o-Xylene	11.953	106	197	Below Cal		97
70) Styrene	12.056	104	608	Below Cal	#	86
74) N-amyl acetate	12.142	43	131	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.495	75	33434	62.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	33434	118.115	ug/l #	16
95) Naphthalene	15.251	128	799	1.387	ug/l #	84

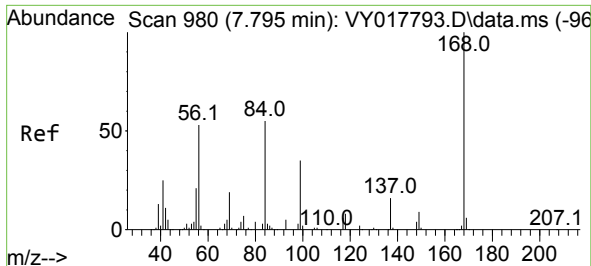
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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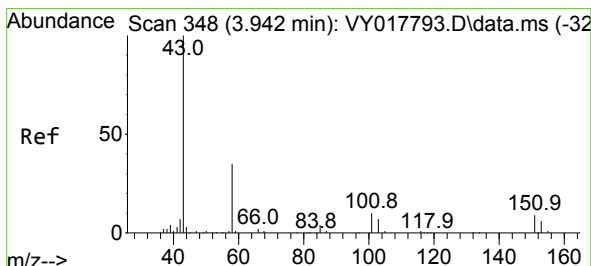
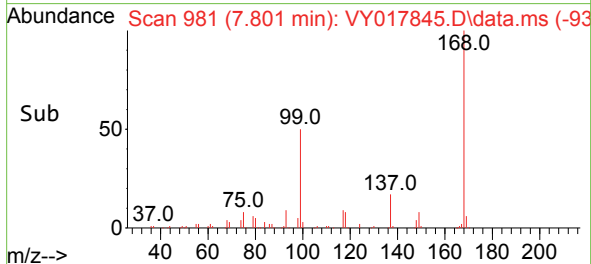
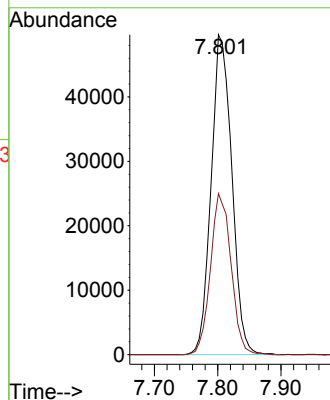
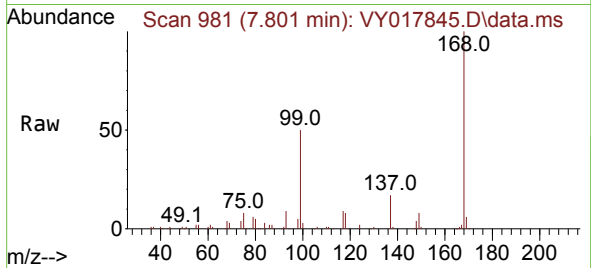




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

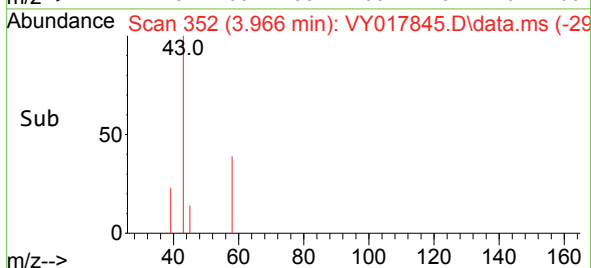
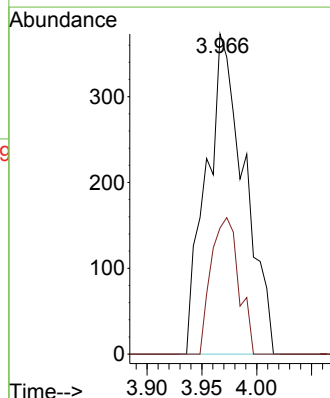
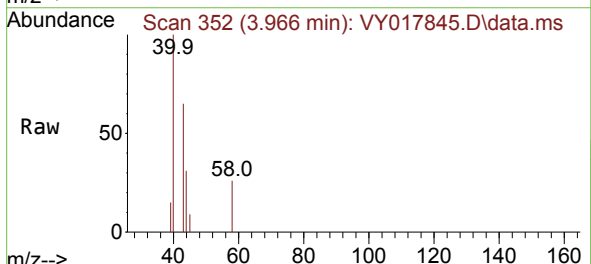
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103RE

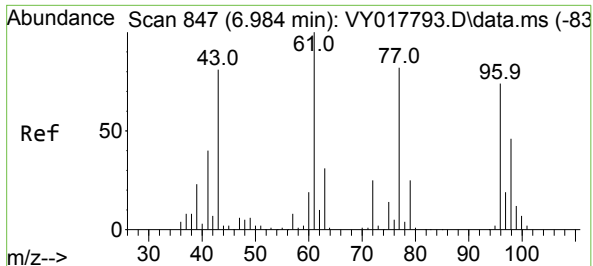
Tgt Ion:168 Resp: 112828
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#16
Acetone
Concen: 4.455 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 39.4 31.7 47.5





#25

2-Butanone

Concen: 1.026 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

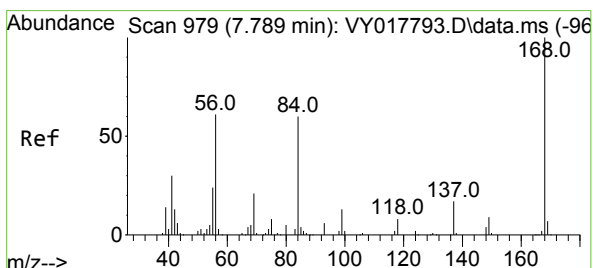
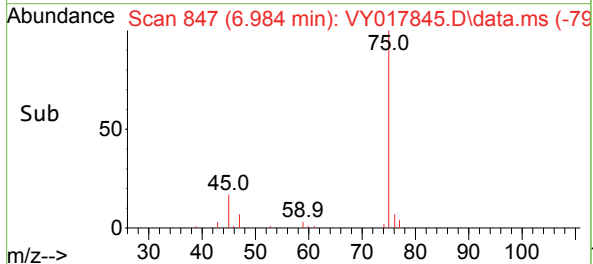
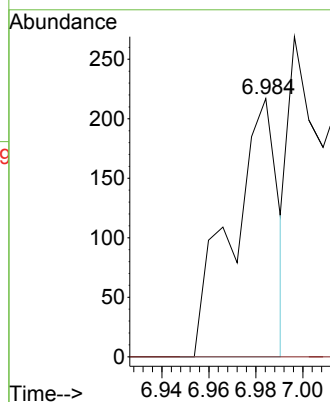
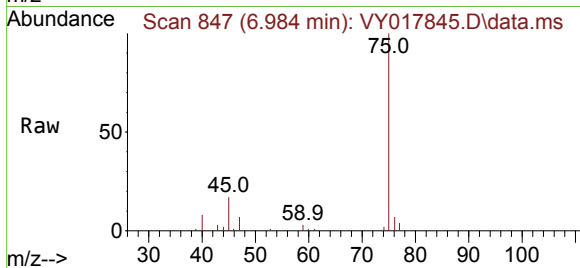
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Tgt Ion: 43 Resp: 295

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.351 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

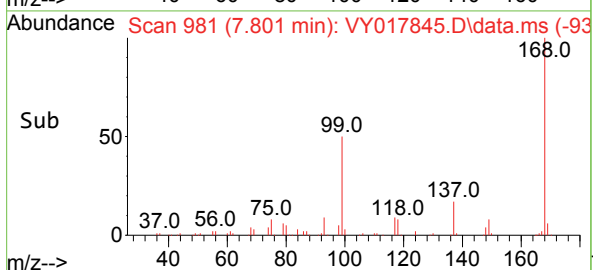
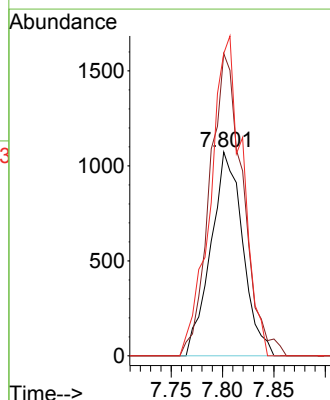
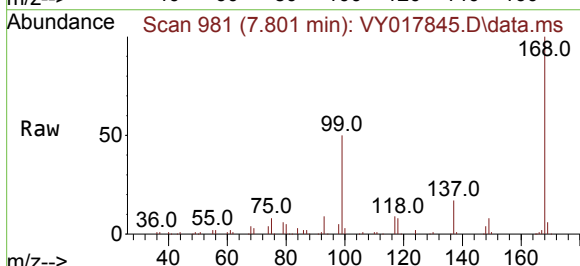
Tgt Ion: 56 Resp: 2323

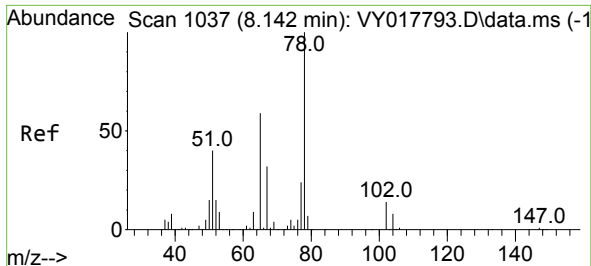
Ion Ratio Lower Upper

56 100

69 148.3 28.7 43.1#

84 148.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.658 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

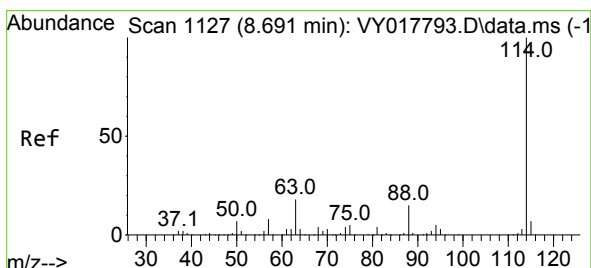
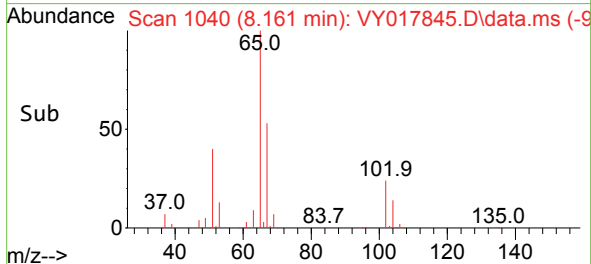
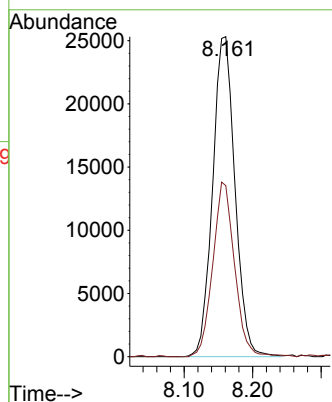
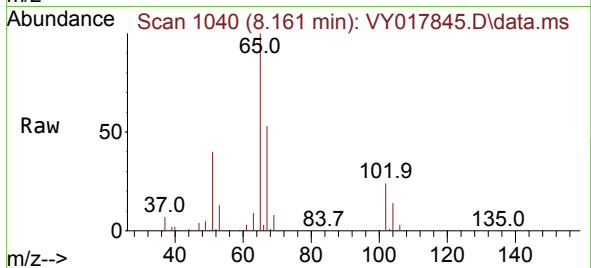
CHRT-20103RE

Tgt Ion: 65 Resp: 57270

Ion Ratio Lower Upper

65 100

67 53.2 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: VY017845.D

Acq: 04 Apr 2024 11:37

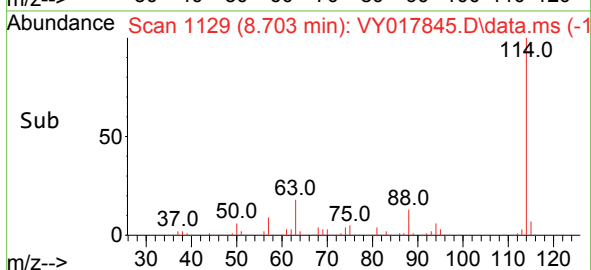
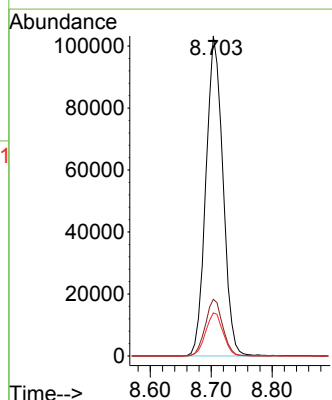
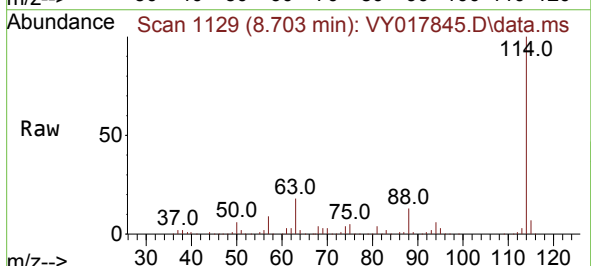
Tgt Ion: 114 Resp: 200342

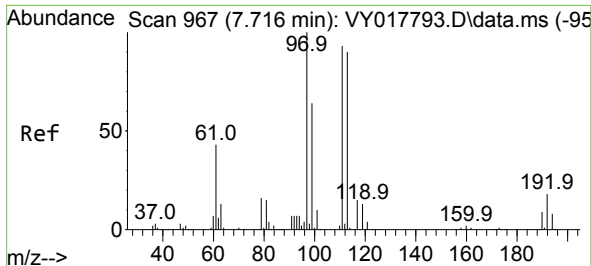
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.4 0.0 27.2

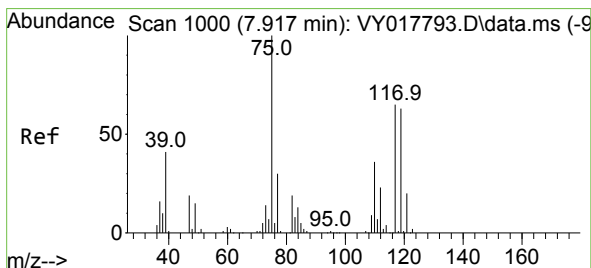
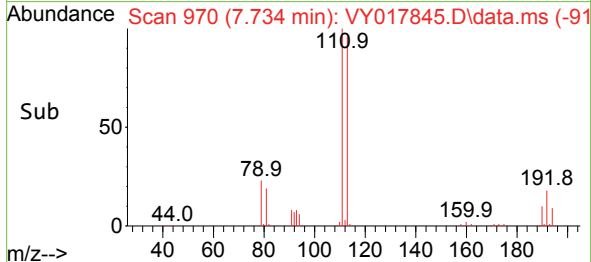
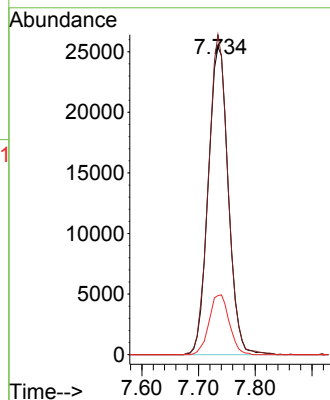
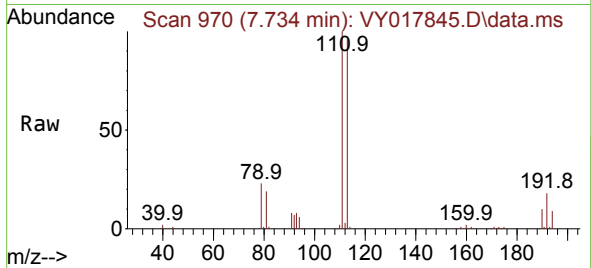




#35
Dibromofluoromethane
Concen: 53.991 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

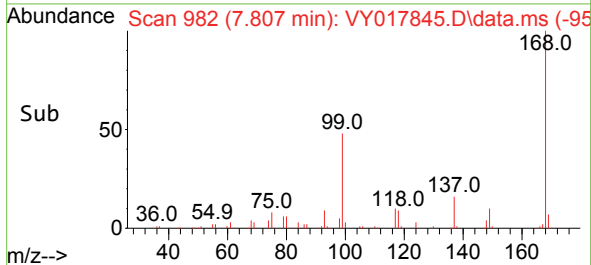
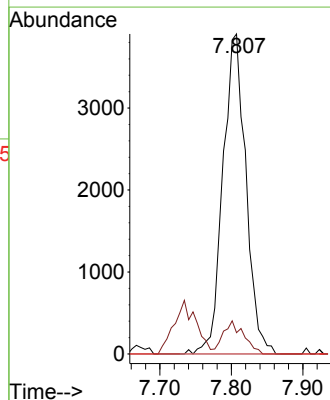
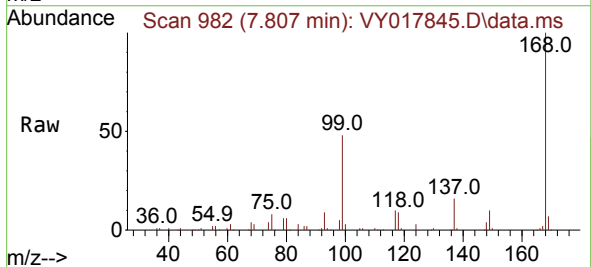
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103RE

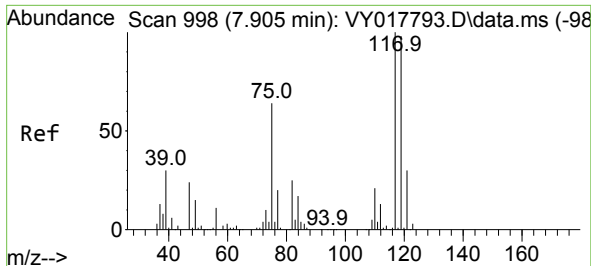
Tgt Ion:113 Resp: 62504
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

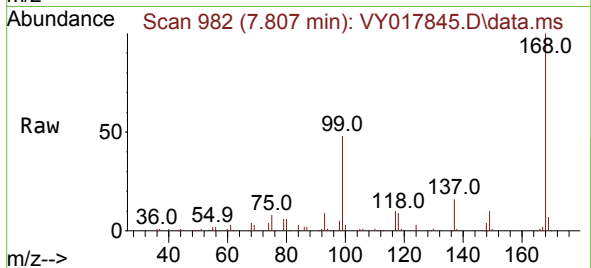
Tgt Ion: 75 Resp: 8729
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



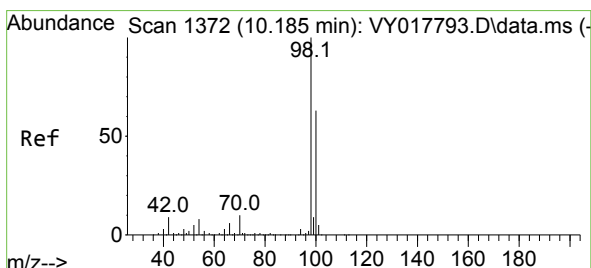
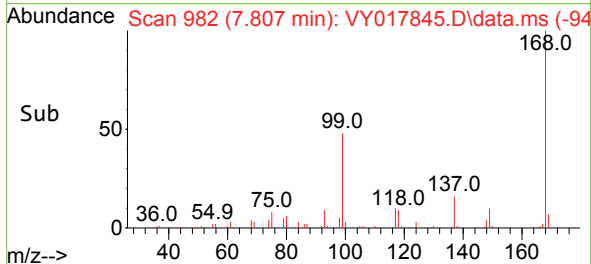
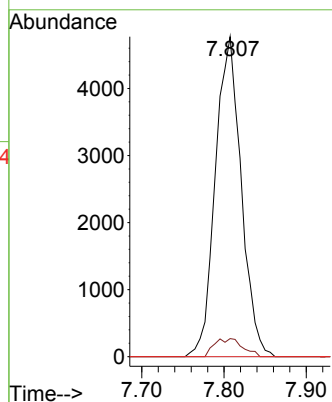


#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103RE

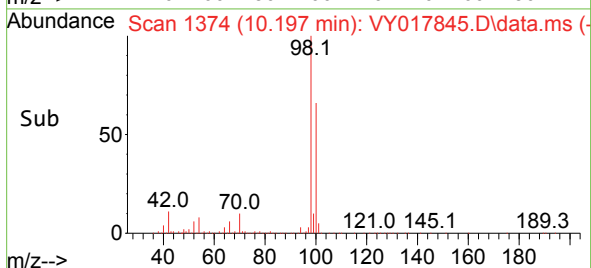
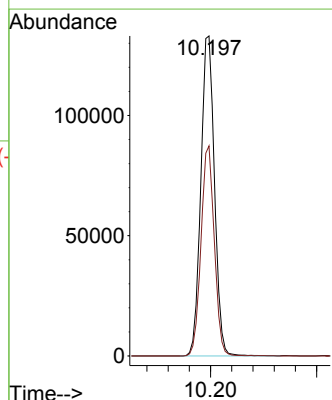
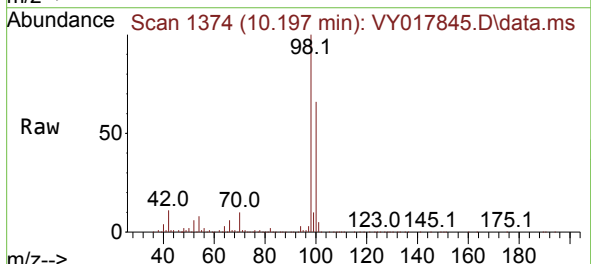


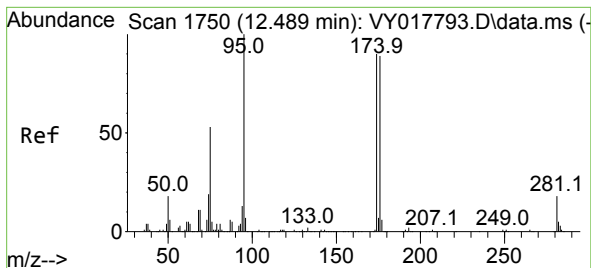
Tgt Ion:117 Resp: 10408
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 55.017 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

Tgt Ion: 98 Resp: 237915
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.645 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20103RE

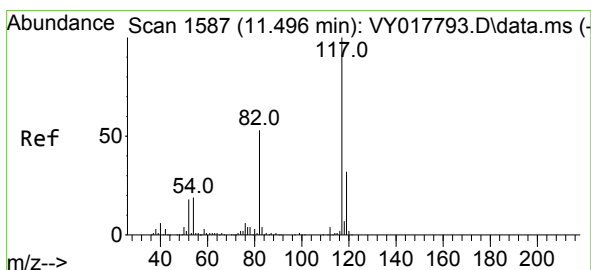
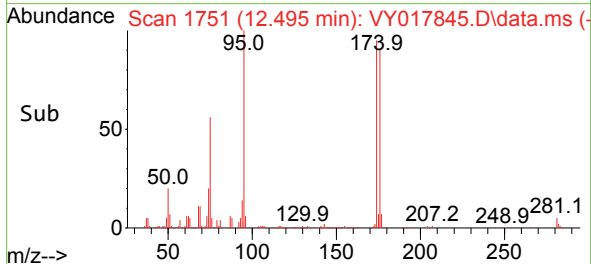
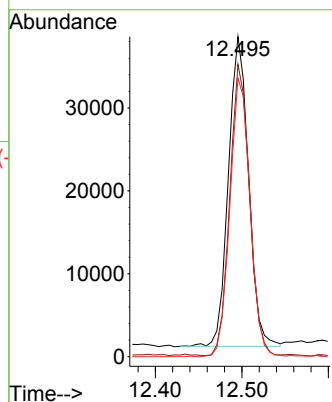
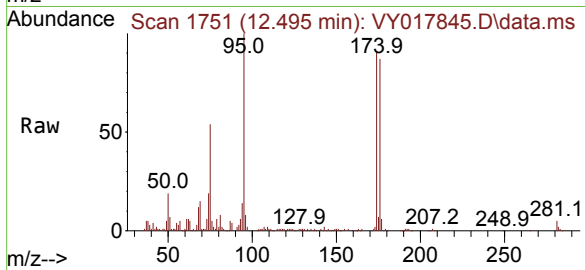
Tgt Ion: 95 Resp: 60054

Ion Ratio Lower Upper

95 100

174 92.8 0.0 175.6

176 90.4 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. 0.012 min

Lab File: VY017845.D

Acq: 04 Apr 2024 11:37

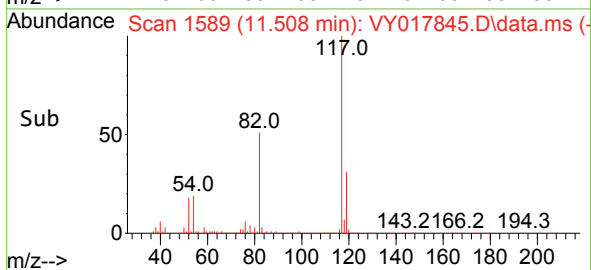
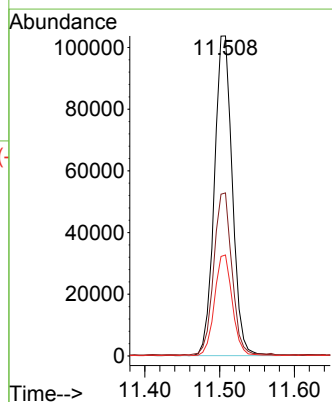
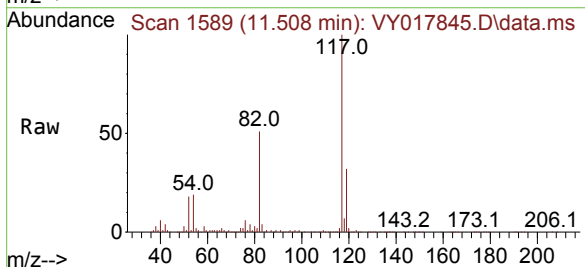
Tgt Ion: 117 Resp: 173399

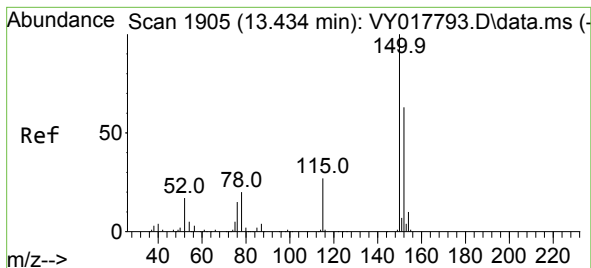
Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 31.4 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: VY017845.D

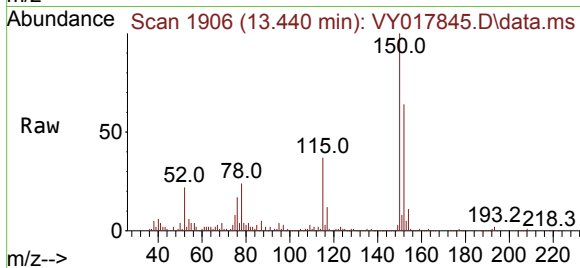
Acq: 04 Apr 2024 11:37

Instrument :

MSVOA_Y

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CHRT-20103RE



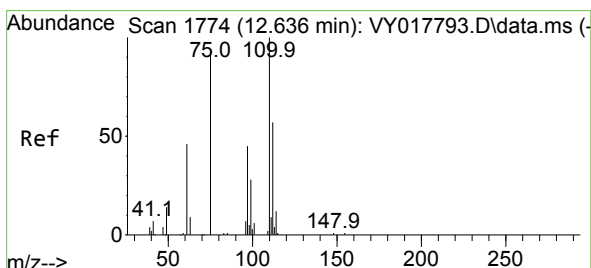
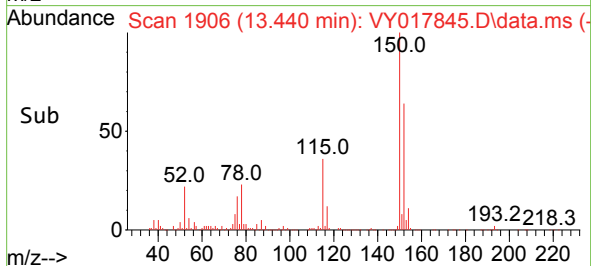
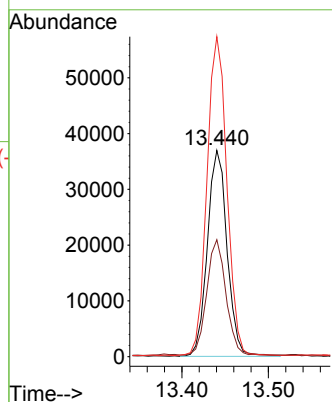
Tgt Ion:152 Resp: 58670

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 62.536 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017845.D

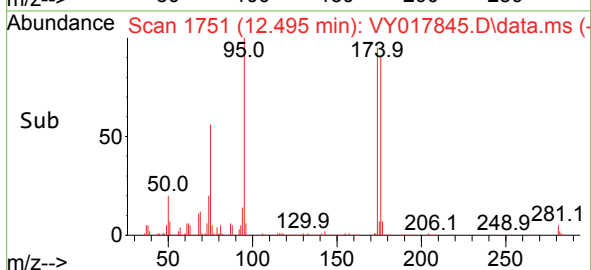
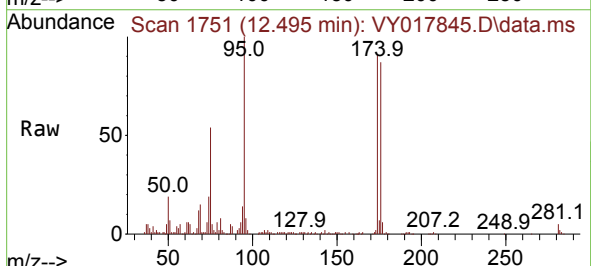
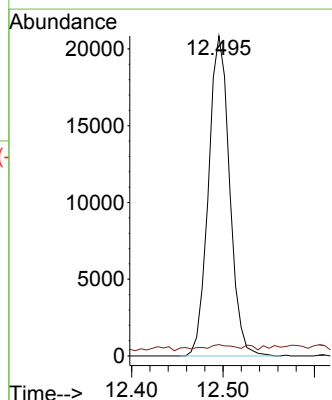
Acq: 04 Apr 2024 11:37

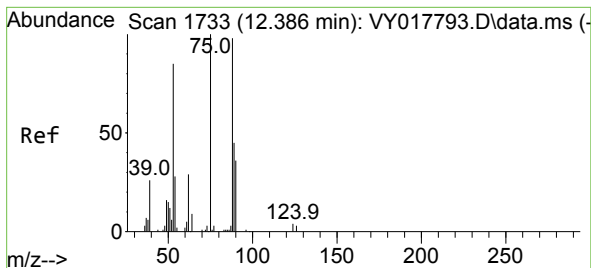
Tgt Ion: 75 Resp: 33434

Ion Ratio Lower Upper

75 100

77 2.5 0.0 0.0#

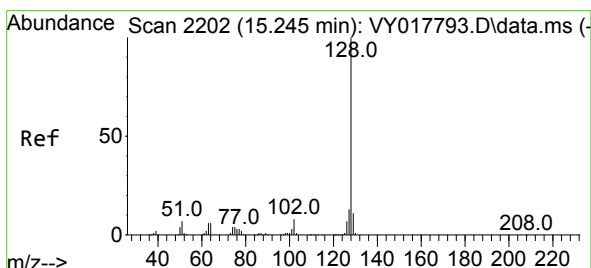
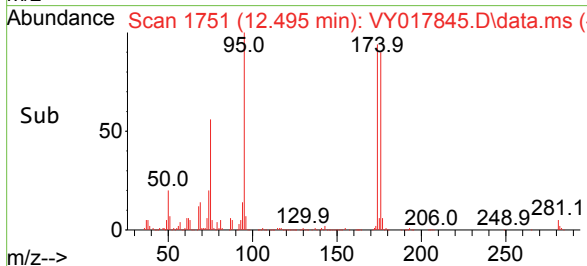
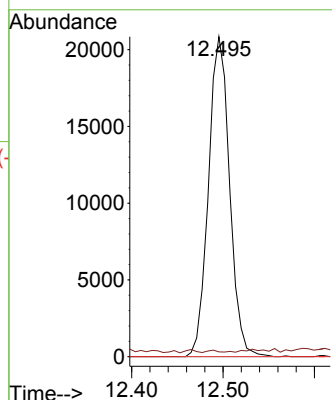
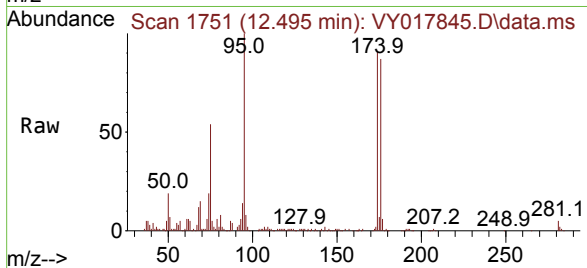




#81
trans-1,4-Dichloro-2-butene
Concen: 118.115 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103RE

Tgt Ion: 75 Resp: 33434
Ion Ratio Lower Upper
75 100
53 0.4 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.387 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017845.D
Acq: 04 Apr 2024 11:37

Tgt Ion:128 Resp: 799
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 23.4 8.6 13.0#

