

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017832.D
 Acq On : 03 Apr 2024 13:49
 Operator : SY/MD
 Sample : P1955-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20103

Quant Time: Apr 04 01:11:22 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)

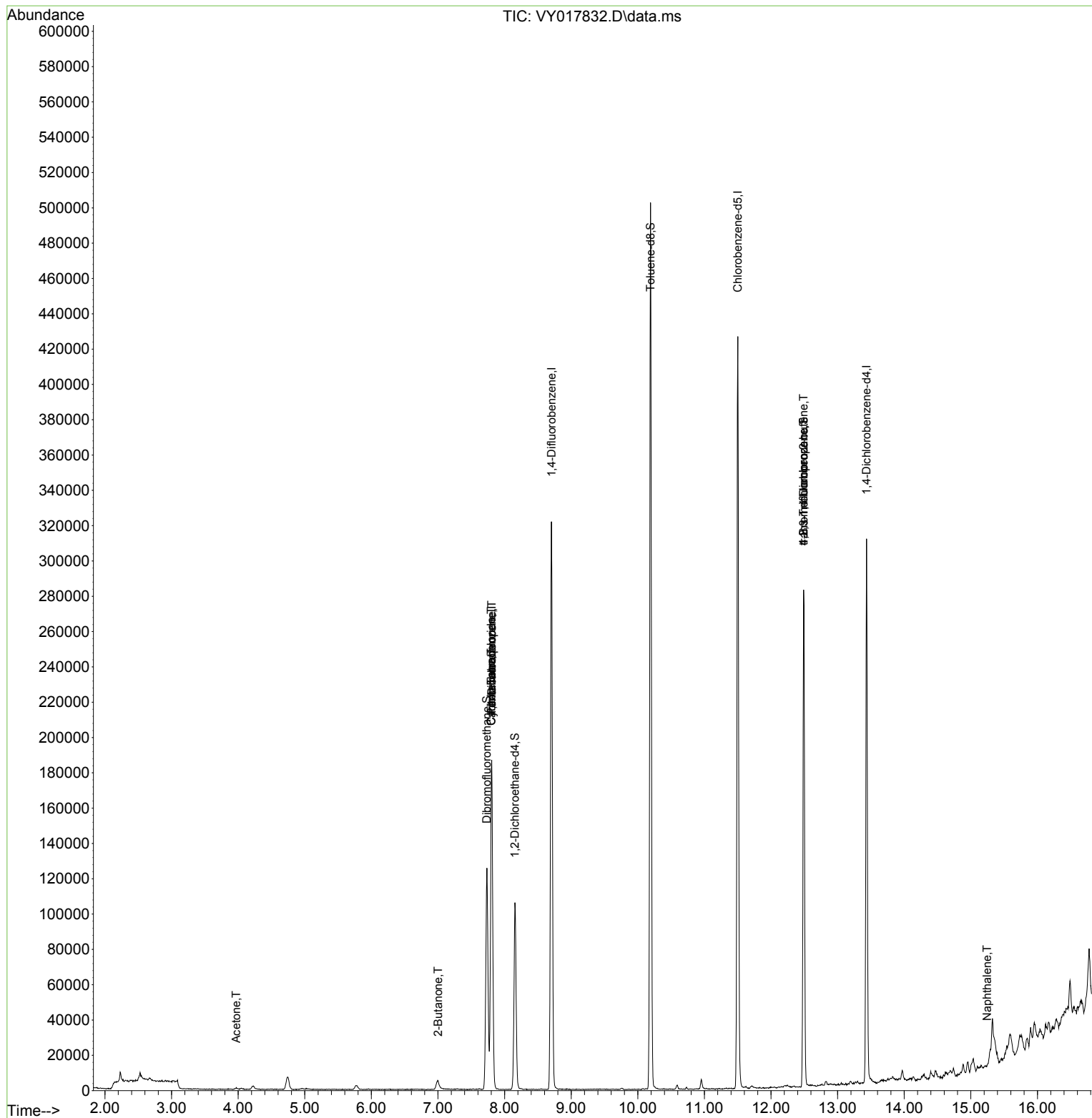
Internal Standards						
1) Pentafluorobenzene	7.807	168	146185	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	274611	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	234380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	80342	63.512	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.020%			
35) Dibromofluoromethane	7.734	113	87150	54.921	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.840%			
50) Toluene-d8	10.191	98	319605	53.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.489	95	80844	44.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	628	Below Cal	#	88
16) Acetone	3.973	43	1456	5.568	ug/l	94
25) 2-Butanone	7.003	43	398	1.068	ug/l #	41
31) Cyclohexane	7.801	56	3400	1.526	ug/l #	12
36) 1,1-Dichloropropene	7.807	75	11789	5.092	ug/l #	48
38) Carbon Tetrachloride	7.801	117	13600	5.658	ug/l #	17
41) Methacrylonitrile	7.289	41	92	Below Cal	#	15
48) Methyl methacrylate	9.307	41	25	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.081	43	295	Below Cal	#	31
56) Ethyl methacrylate	10.727	69	18	Below Cal	#	1
59) 2-Hexanone	10.874	43	46	Below Cal	#	19
69) o-Xylene	12.038	106	97	Below Cal	#	1
70) Styrene	12.063	104	183	Below Cal	#	61
74) N-amyl acetate	12.148	43	172	Below Cal	#	36
76) 1,2,3-Trichloropropane	12.489	75	45107	64.863	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	45107	121.387	ug/l #	16
95) Naphthalene	15.245	128	756	1.203	ug/l #	58

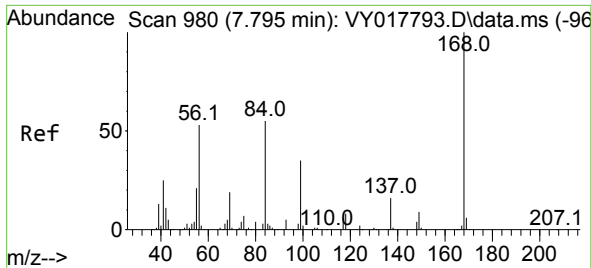
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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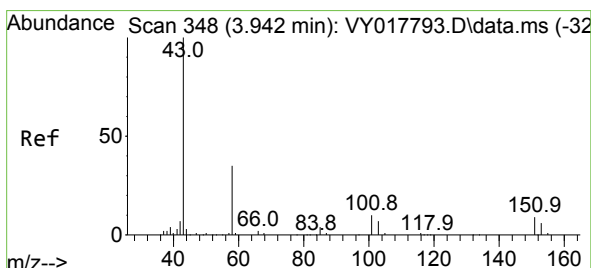
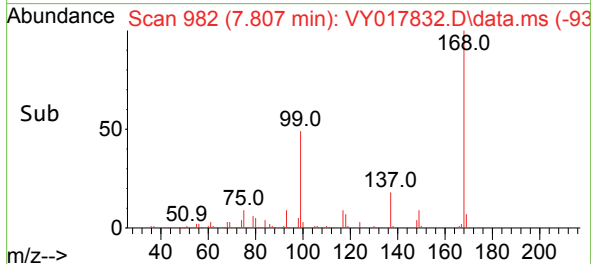
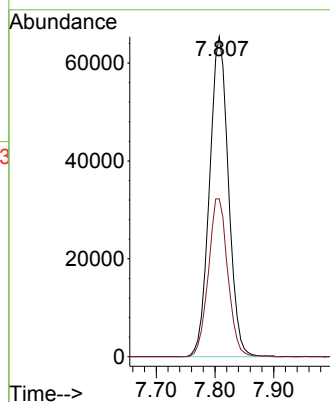
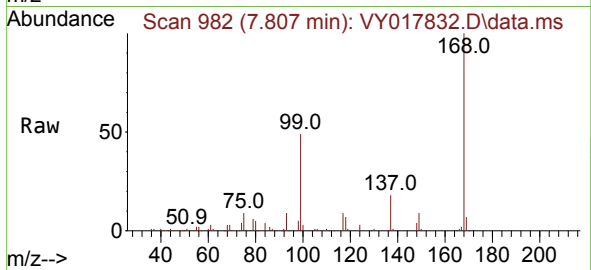




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

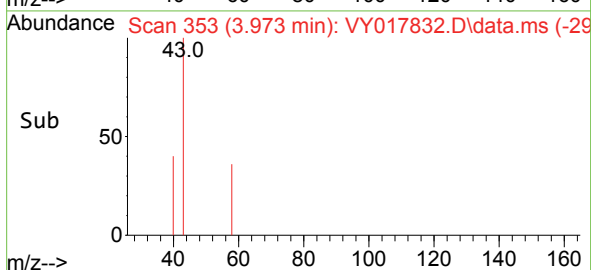
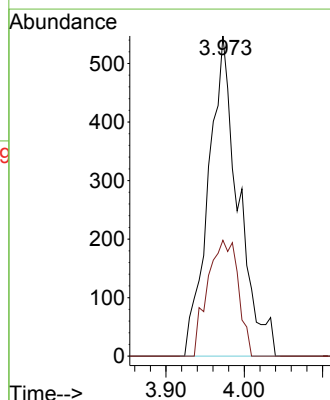
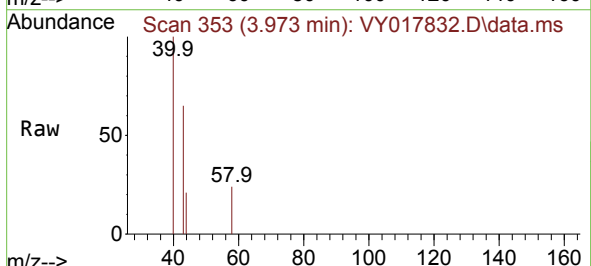
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

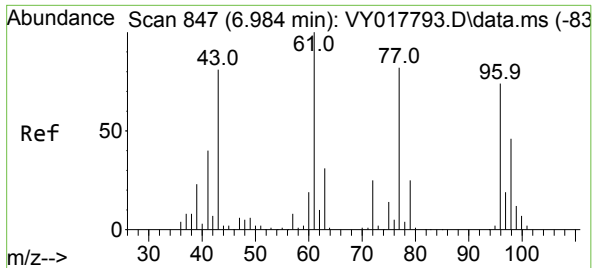
Tgt Ion:168 Resp: 146185
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#16
Acetone
Concen: 5.568 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 43 Resp: 1456
Ion Ratio Lower Upper
43 100
58 36.2 31.7 47.5





#25

2-Butanone

Concen: 1.068 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017832.D

Acq: 03 Apr 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

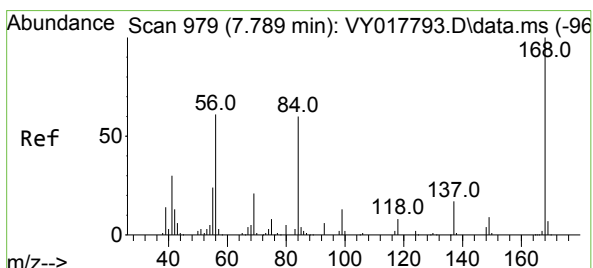
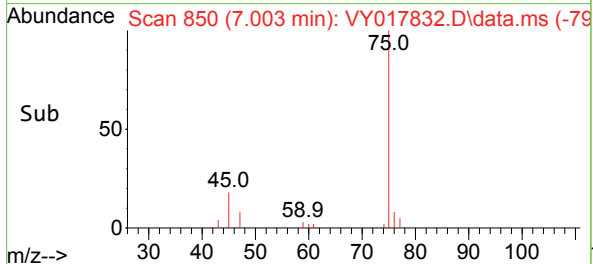
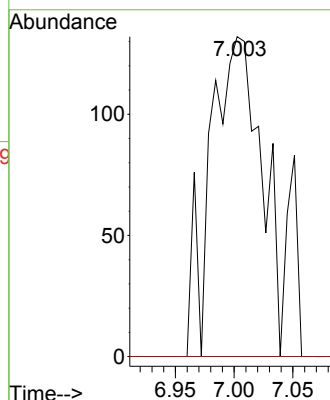
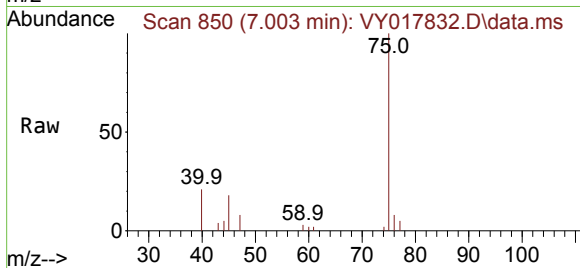
CHRT-20103

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.526 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY017832.D

Acq: 03 Apr 2024 13:49

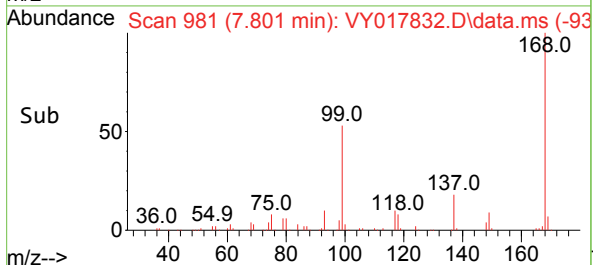
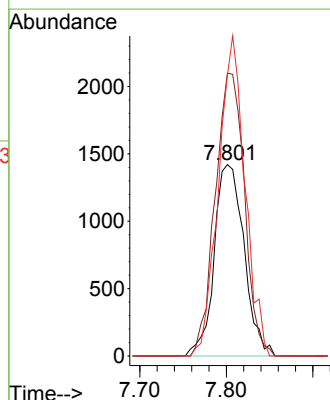
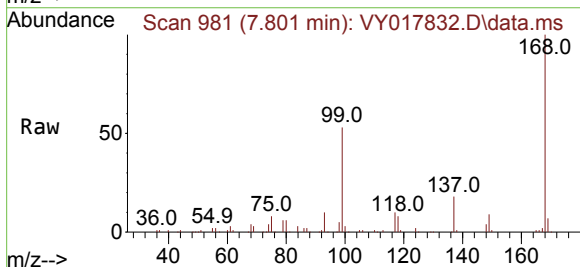
Tgt Ion: 56 Resp: 3400

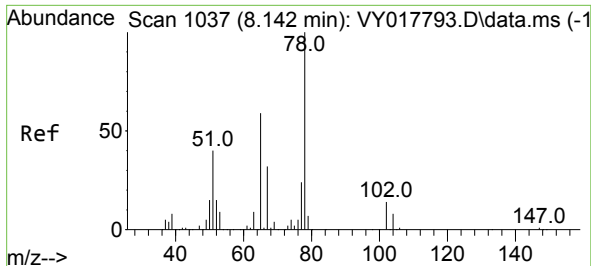
Ion Ratio Lower Upper

56 100

69 147.8 28.7 43.1#

84 146.7 77.7 116.5#

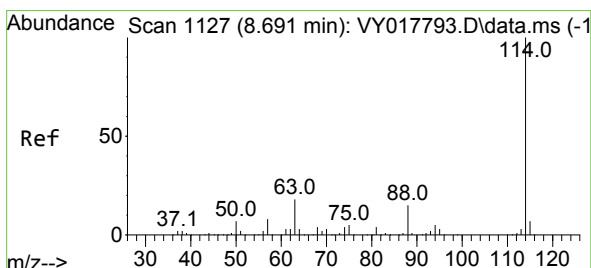
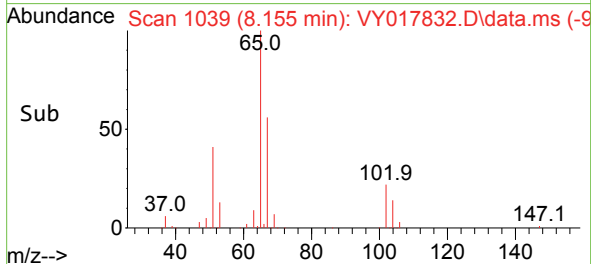
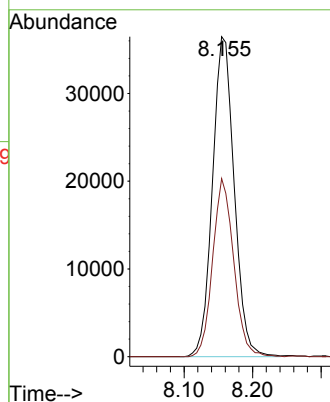
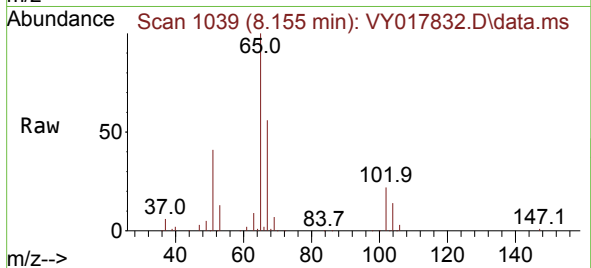




#33
1,2-Dichloroethane-d4
Concen: 63.512 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

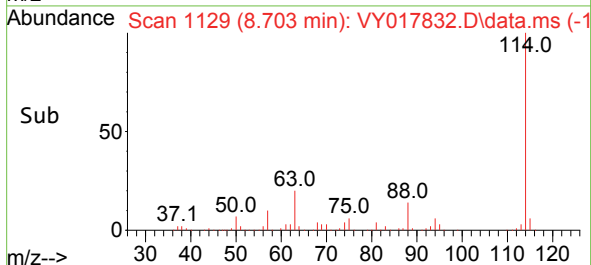
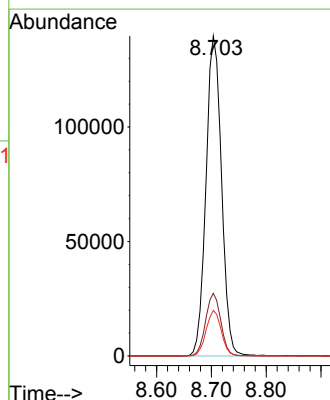
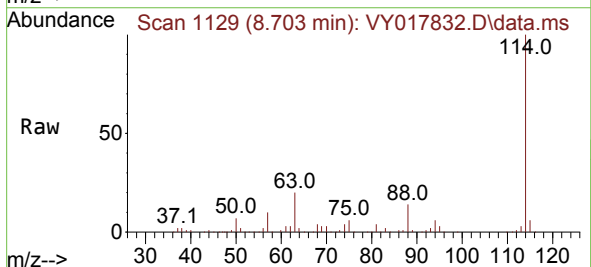
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

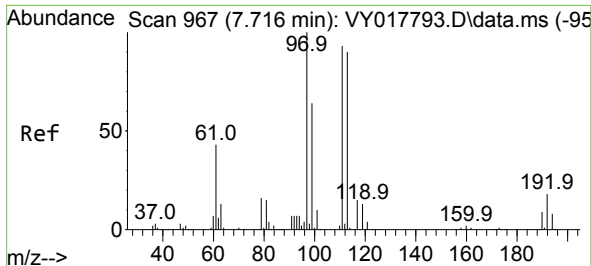
Tgt Ion: 65 Resp: 80342
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 114 Resp: 274611
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.0
88 14.2 0.0 27.2

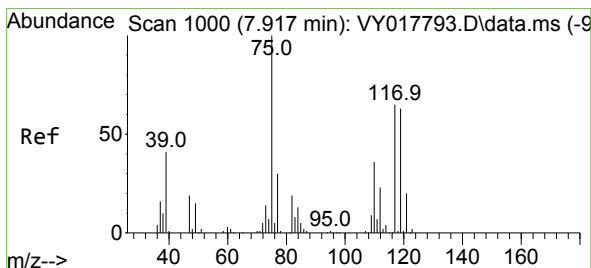
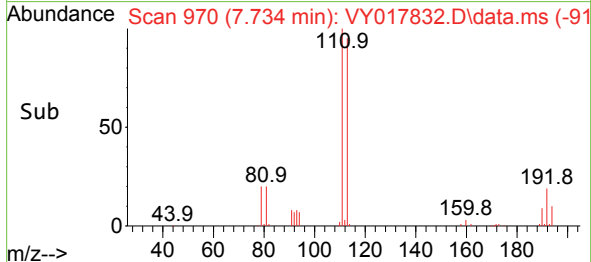
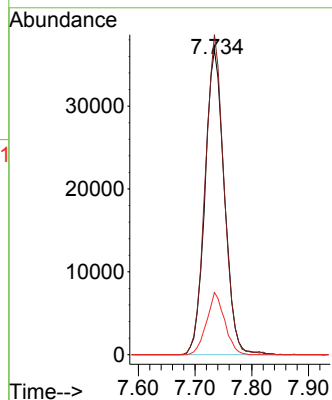
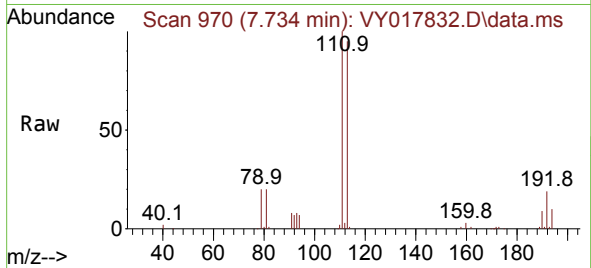




#35
Dibromofluoromethane
Concen: 54.921 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

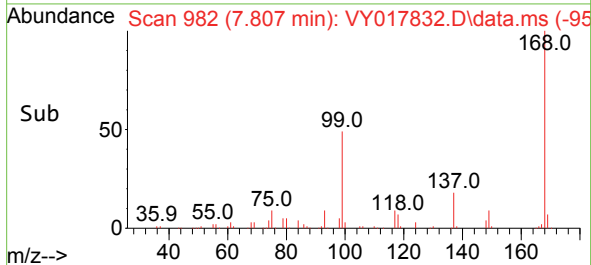
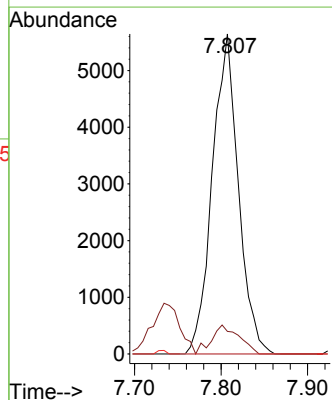
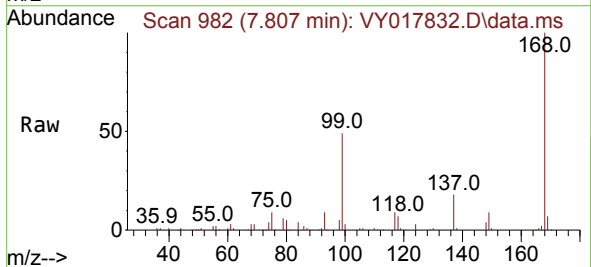
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

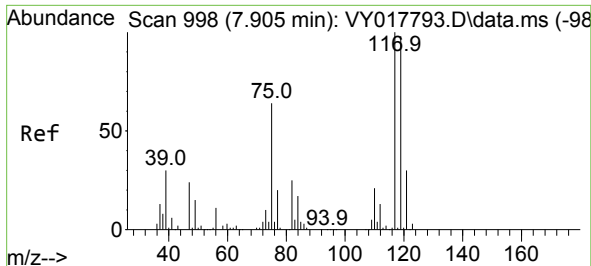
Tgt Ion:113 Resp: 87150
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

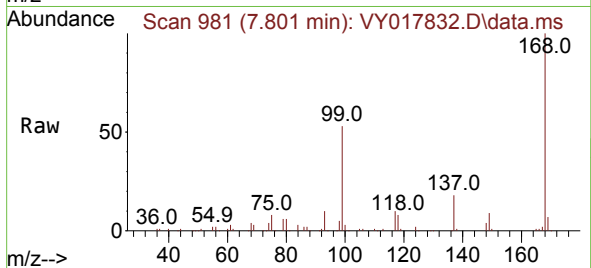
Tgt Ion: 75 Resp: 11789
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



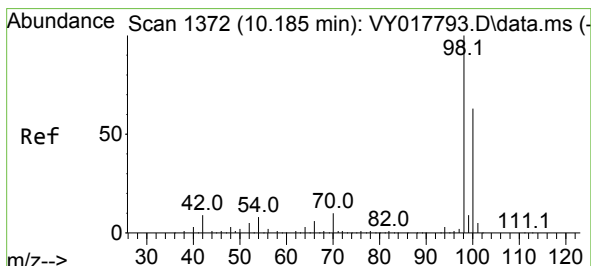
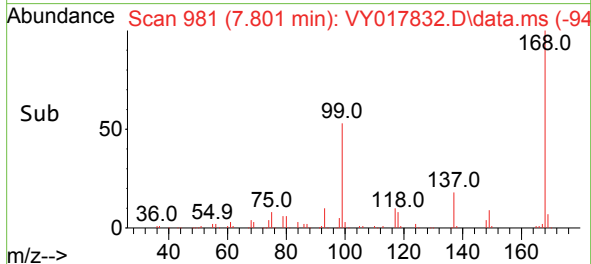
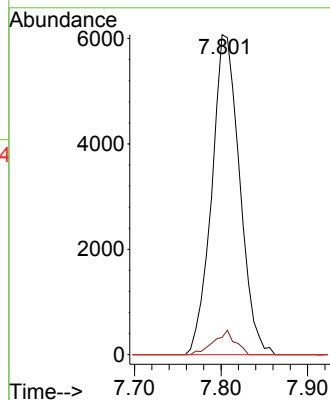


#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

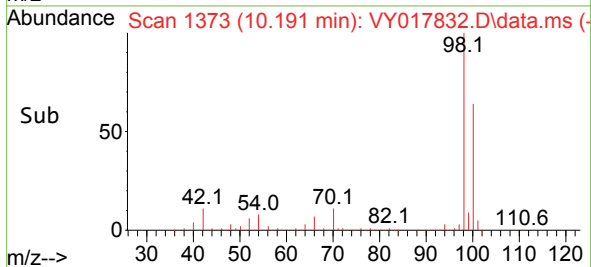
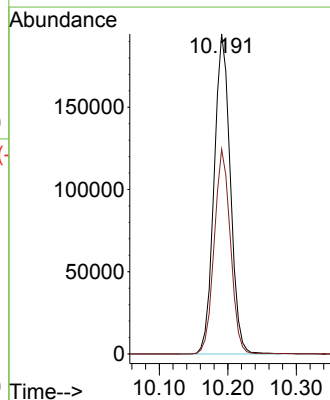
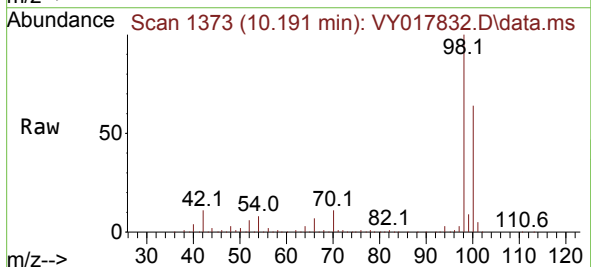


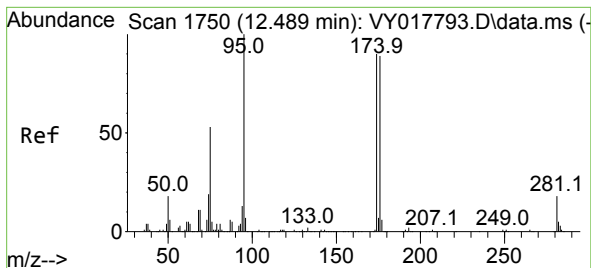
Tgt Ion:117 Resp: 13600
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.919 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 98 Resp: 319605
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

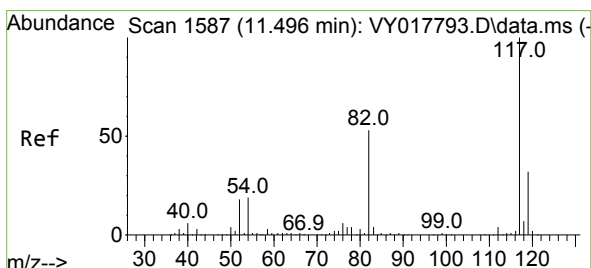
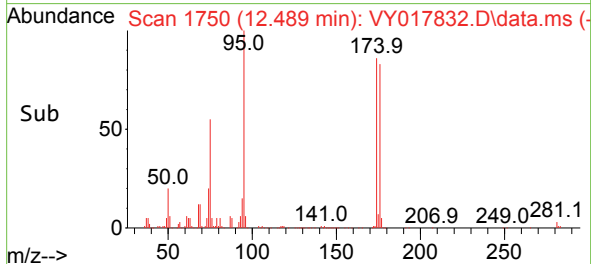
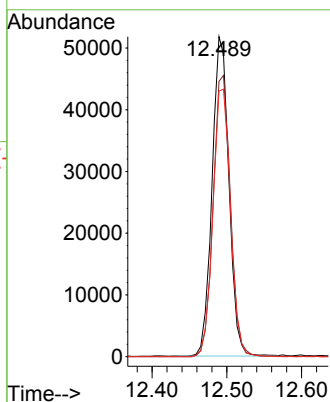
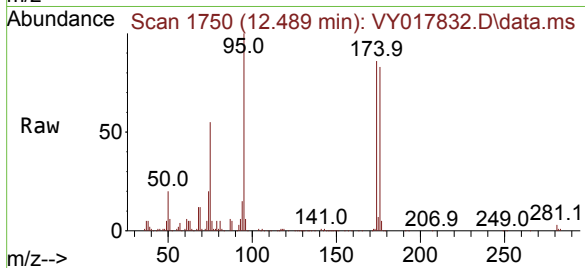




#62
4-Bromofluorobenzene
Concen: 44.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

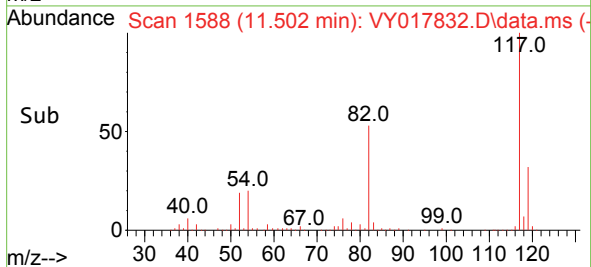
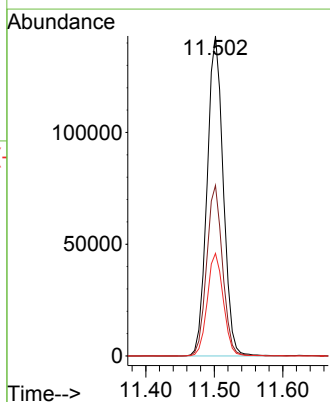
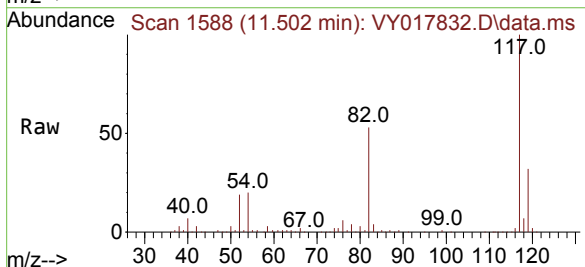
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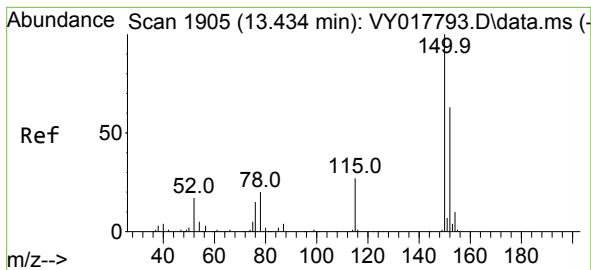
Tgt Ion: 95 Resp: 80844
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 87.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 117 Resp: 234380
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.0 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: VY017832.D

Acq: 03 Apr 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-20103

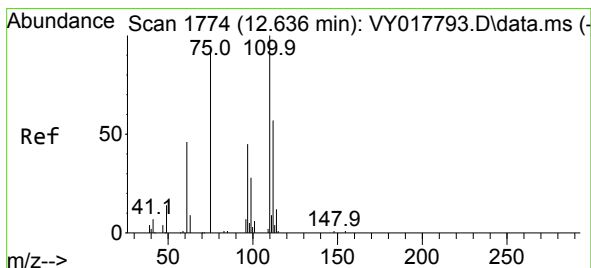
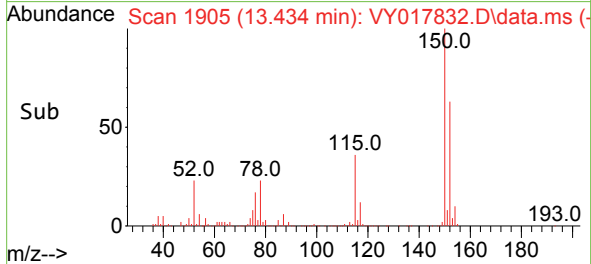
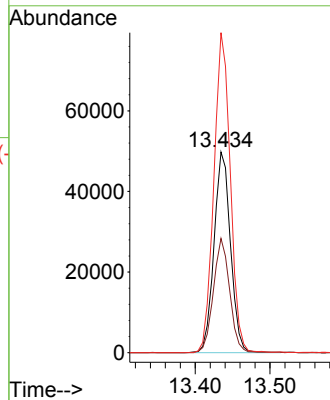
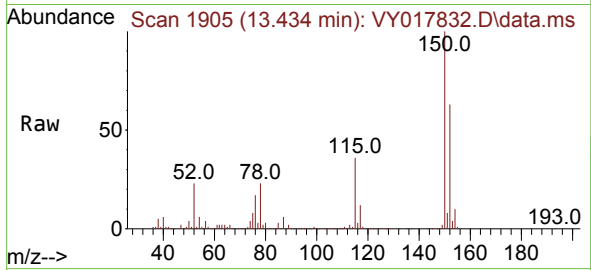
Tgt Ion:152 Resp: 76314

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 158.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.863 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017832.D

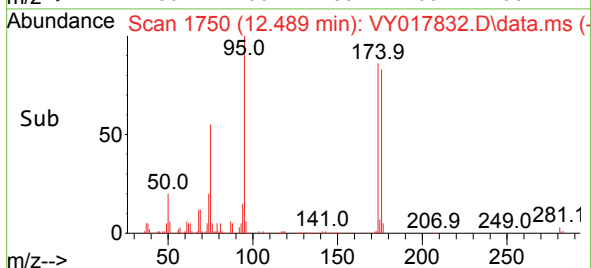
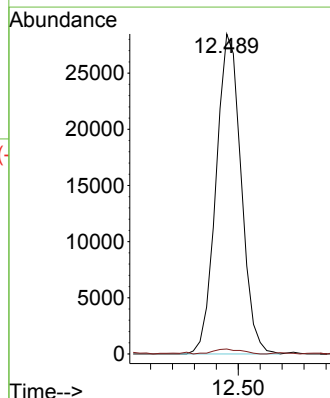
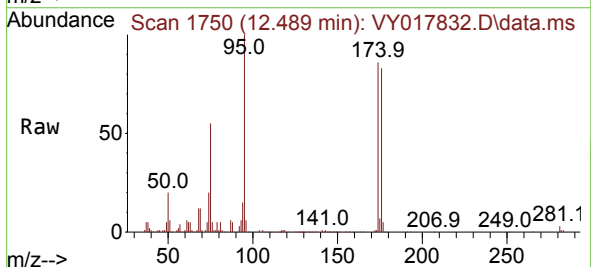
Acq: 03 Apr 2024 13:49

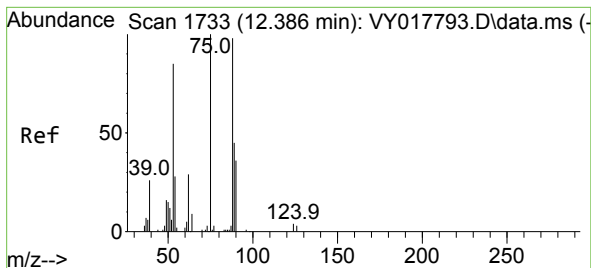
Tgt Ion: 75 Resp: 45107

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#

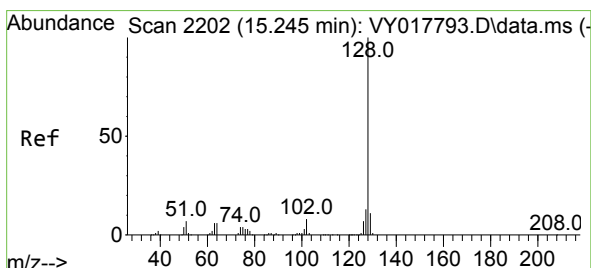
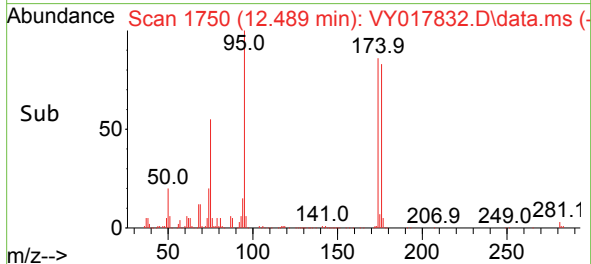
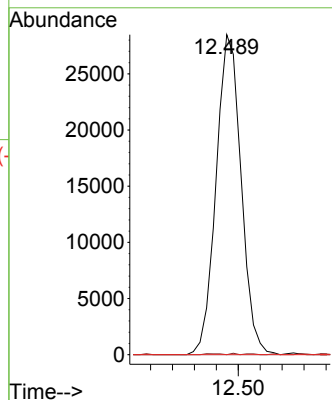
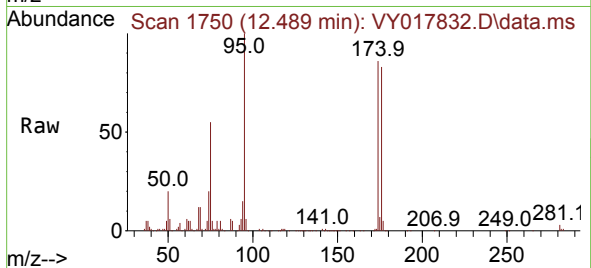




#81
trans-1,4-Dichloro-2-butene
Concen: 121.387 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20103

Tgt Ion: 75 Resp: 45107
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.203 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017832.D
Acq: 03 Apr 2024 13:49

Tgt Ion: 128 Resp: 756
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 30.8 8.6 13.0#

