

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009870.D
 Acq On : 05 Aug 2022 22:54
 Operator : KP/MD
 Sample : N4073-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24133

Quant Time: Aug 06 01:24:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

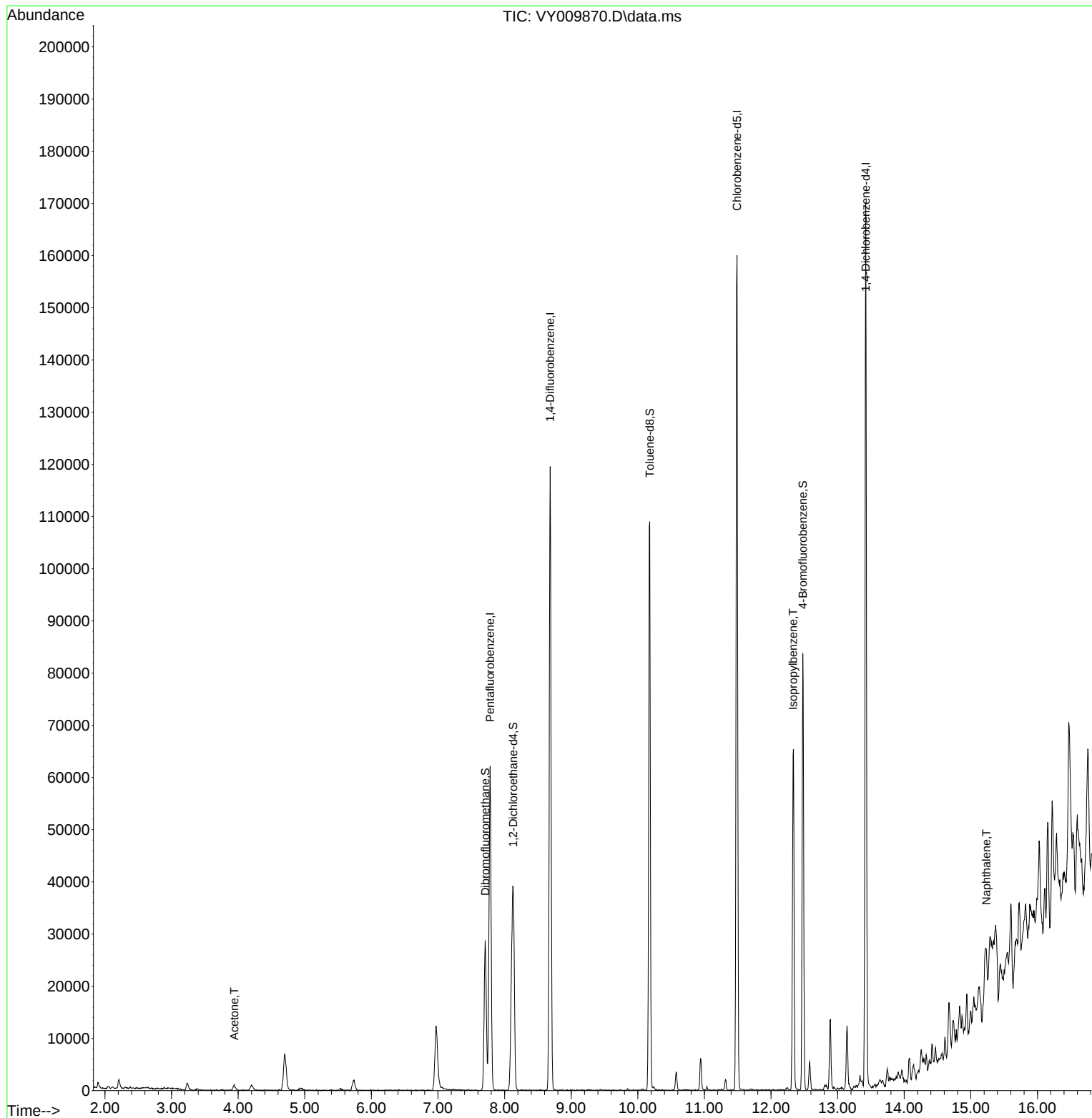
Internal Standards						
1) Pentafluorobenzene	7.783	168	45772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	20421	54.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.710	113	19170	32.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 64.960%	
50) Toluene-d8	10.179	98	68439	37.810	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 75.620%#	
62) 4-Bromofluorobenzene	12.477	95	23469	29.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 58.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1691	13.051	ug/l	92
73) Isopropylbenzene	12.331	105	3031	1.100	ug/l #	68
95) Naphthalene	15.233	128	7635	9.743	ug/l	97

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

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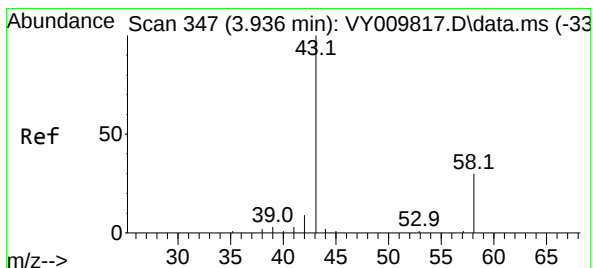
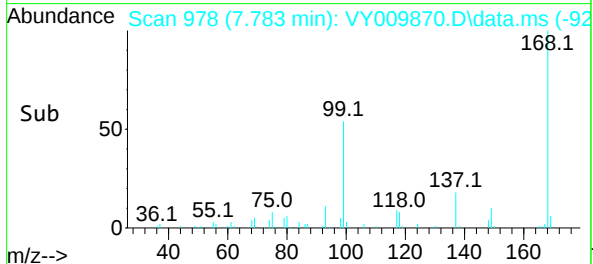
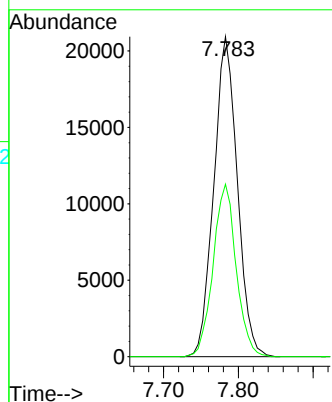
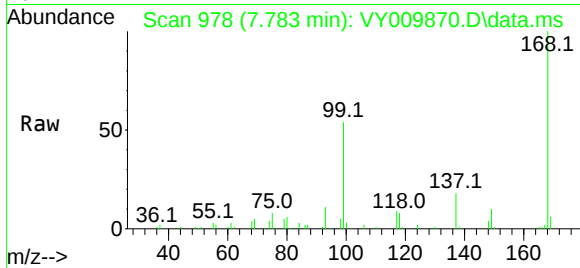




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009870.D
Acq: 05 Aug 2022 22:54

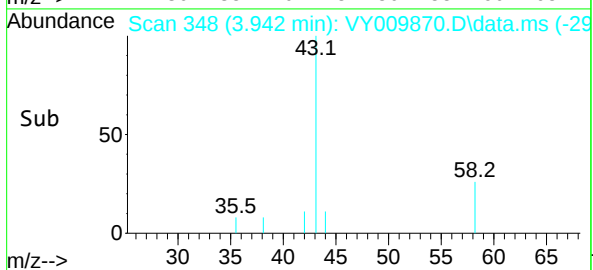
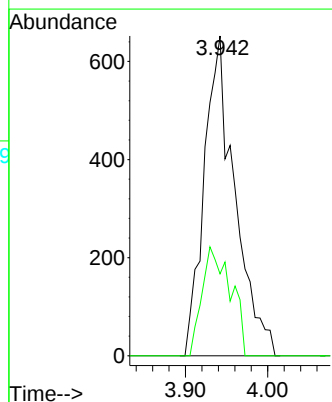
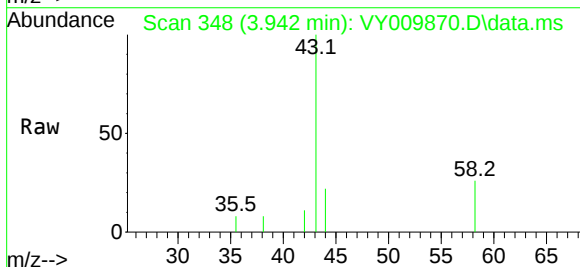
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24133

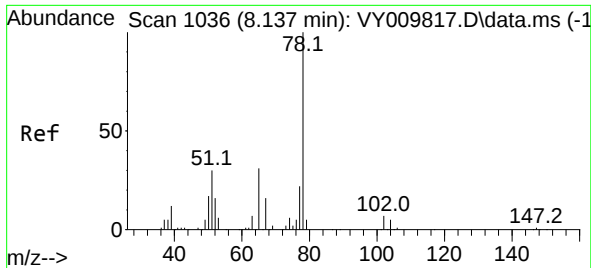
Tgt Ion:168 Resp: 45772
Ion Ratio Lower Upper
168 100
99 53.9 44.7 67.1



#16
Acetone
Concen: 13.051 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009870.D
Acq: 05 Aug 2022 22:54

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 25.6 24.1 36.1





#33

1,2-Dichloroethane-d4

Concen: 54.861 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009870.D

Acq: 05 Aug 2022 22:54

Instrument :

MSVOA_Y

ClientSampleId :

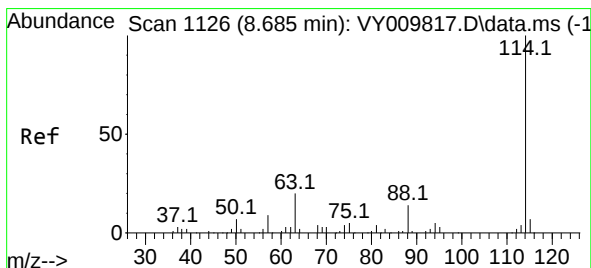
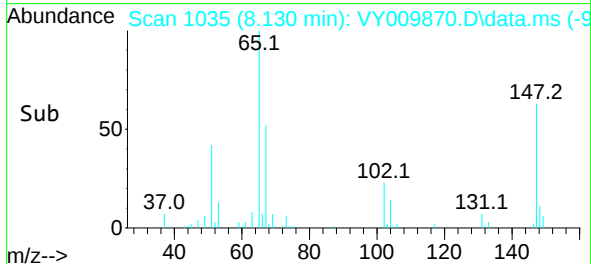
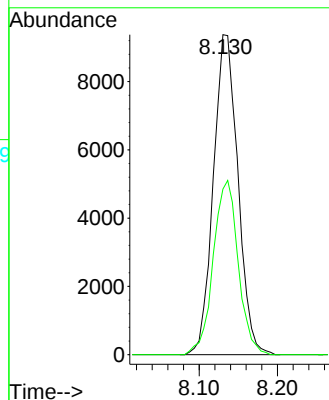
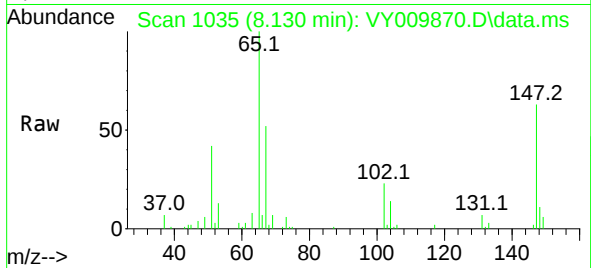
CHRT-24133

Tgt Ion: 65 Resp: 20421

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009870.D

Acq: 05 Aug 2022 22:54

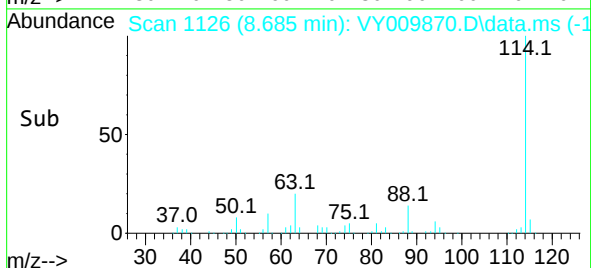
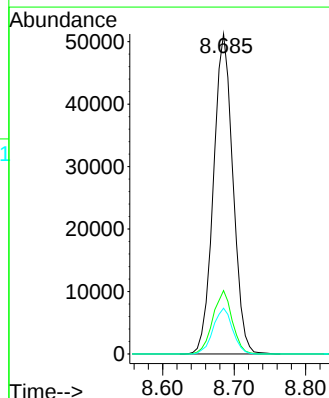
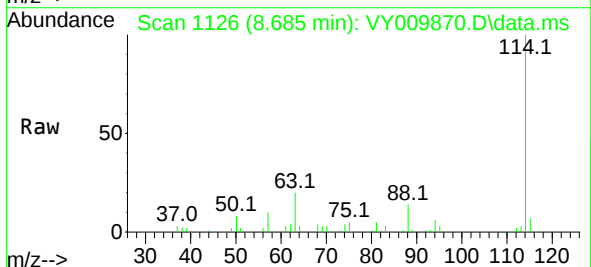
Tgt Ion: 114 Resp: 96807

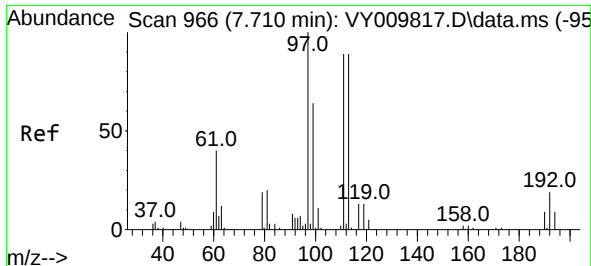
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 14.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 32.478 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009870.D

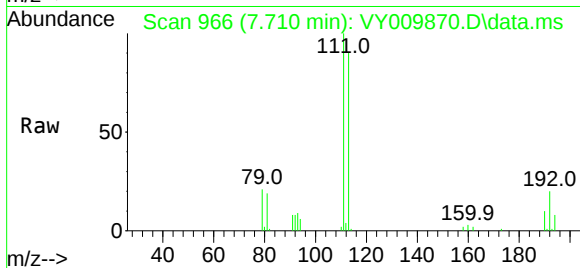
Acq: 05 Aug 2022 22:54

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24133



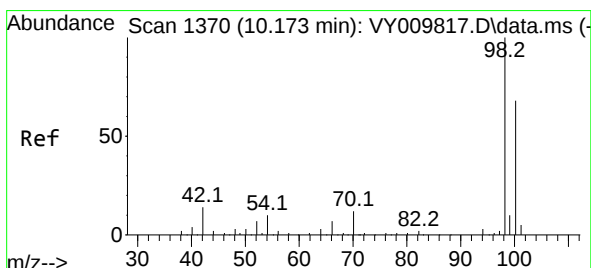
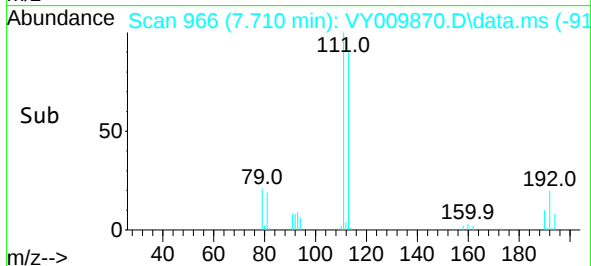
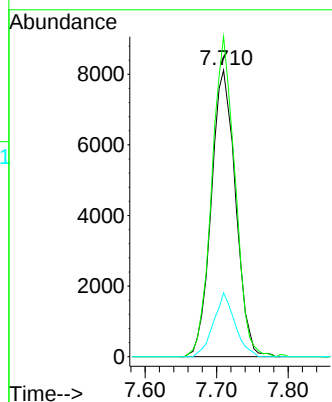
Tgt Ion:113 Resp: 19170

Ion Ratio Lower Upper

113 100

111 106.5 82.4 123.6

192 19.7 16.5 24.7



#50

Toluene-d8

Concen: 37.810 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009870.D

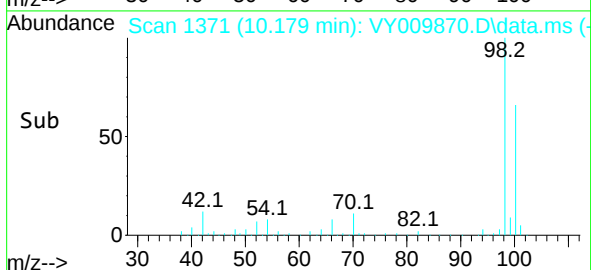
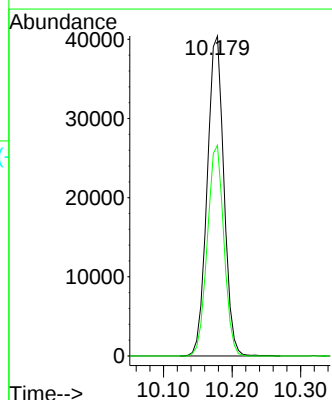
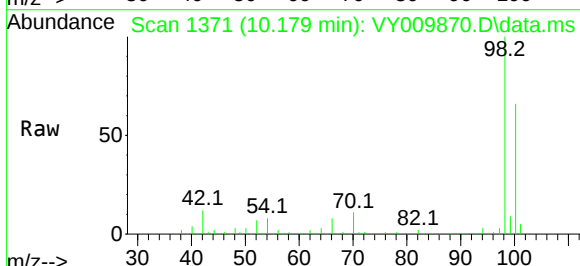
Acq: 05 Aug 2022 22:54

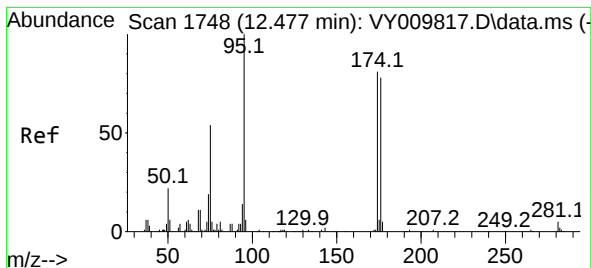
Tgt Ion: 98 Resp: 68439

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.2

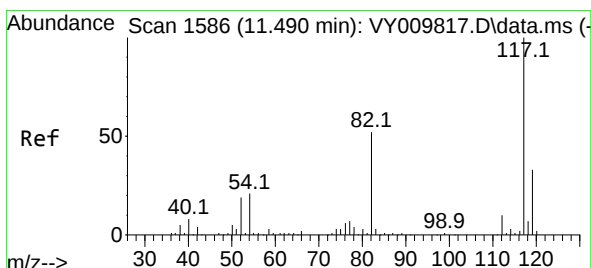
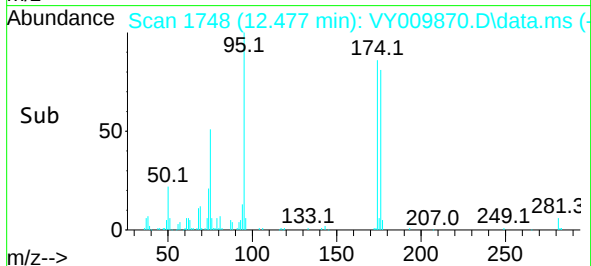
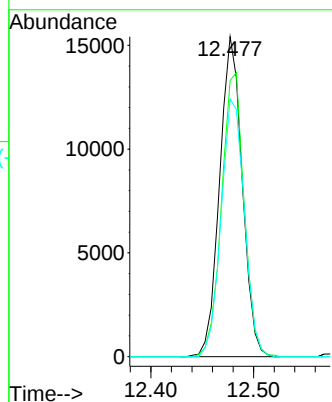
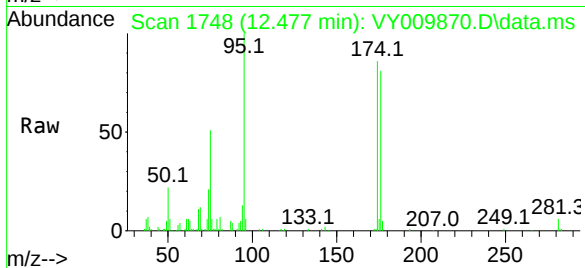




#62
4-Bromofluorobenzene
Concen: 29.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009870.D
Acq: 05 Aug 2022 22:54

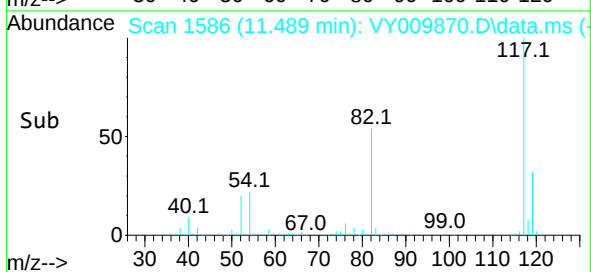
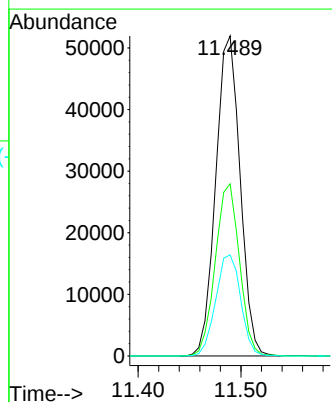
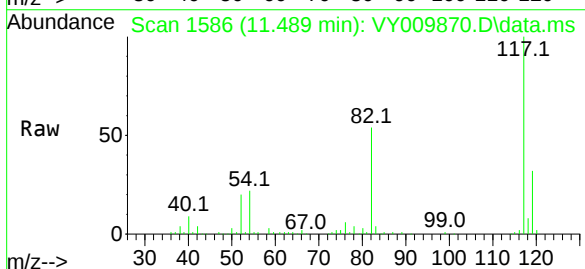
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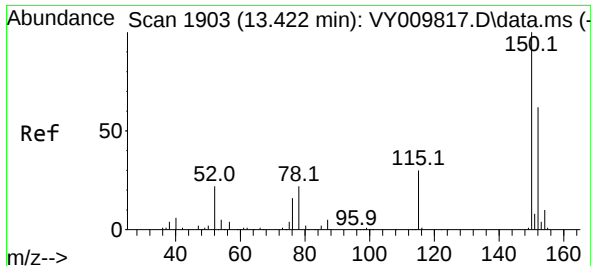
Tgt Ion:	95	Resp:	23469
Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	168.6
176	83.0	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009870.D
Acq: 05 Aug 2022 22:54

Tgt Ion:	117	Resp:	85463
Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.7	62.5
119	31.6	26.6	40.0

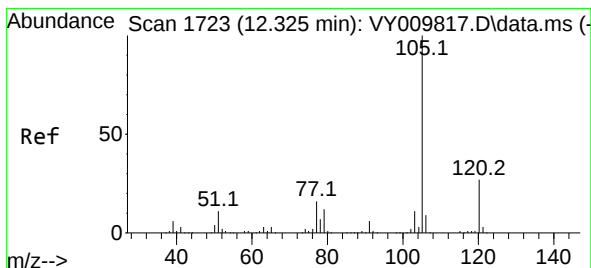
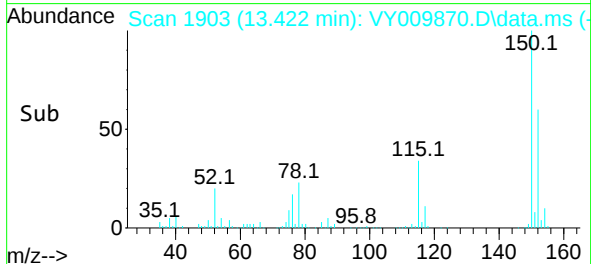
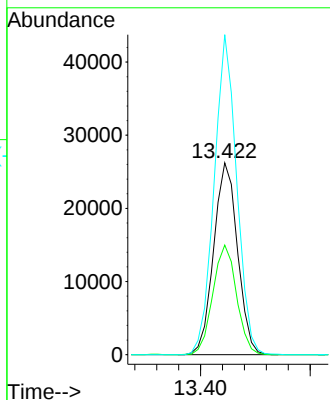
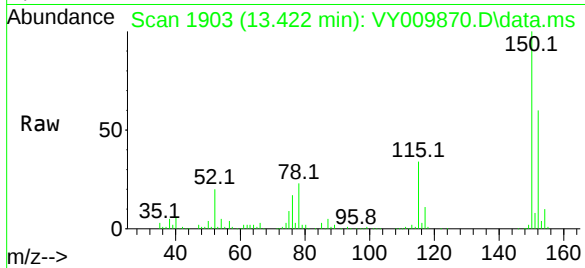




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009870.D
Acq: 05 Aug 2022 22:54

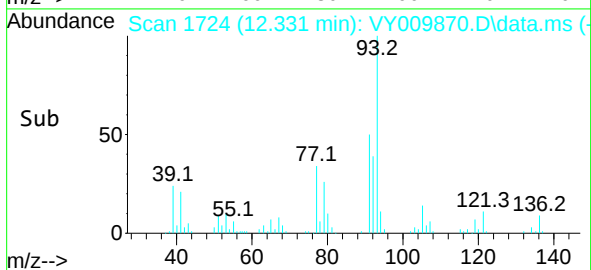
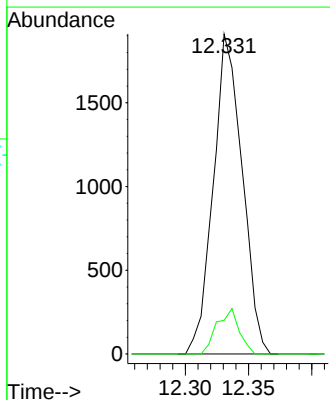
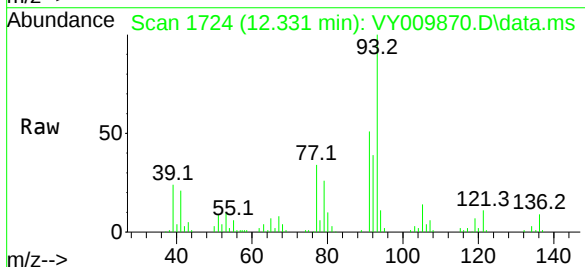
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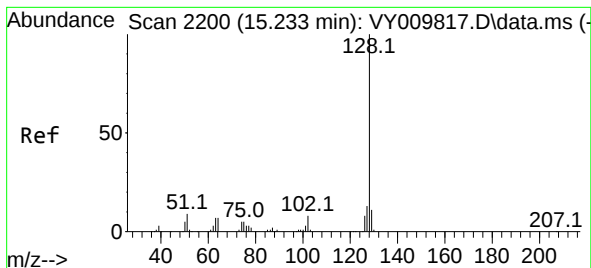
Tgt Ion:152 Resp: 39660
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 157.7 0.0 354.2



#73
Isopropylbenzene
Concen: 1.100 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009870.D
Acq: 05 Aug 2022 22:54

Tgt Ion:105 Resp: 3031
Ion Ratio Lower Upper
105 100
120 10.9 13.8 41.3#





#95

Naphthalene

Concen: 9.743 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009870.D

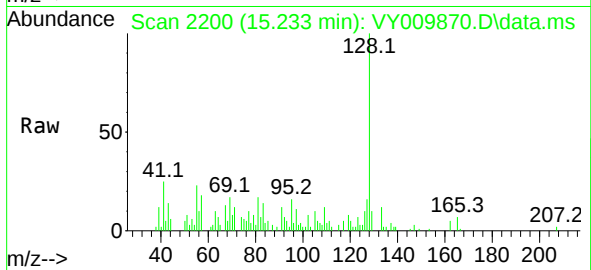
Acq: 05 Aug 2022 22:54

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24133



Tgt Ion:128 Resp: 7635

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

129 10.8 8.7 13.1

