

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011225.D
 Acq On : 01 Nov 2022 16:27
 Operator : KP/MD
 Sample : N5362-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26516RE

Quant Time: Nov 02 01:42:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

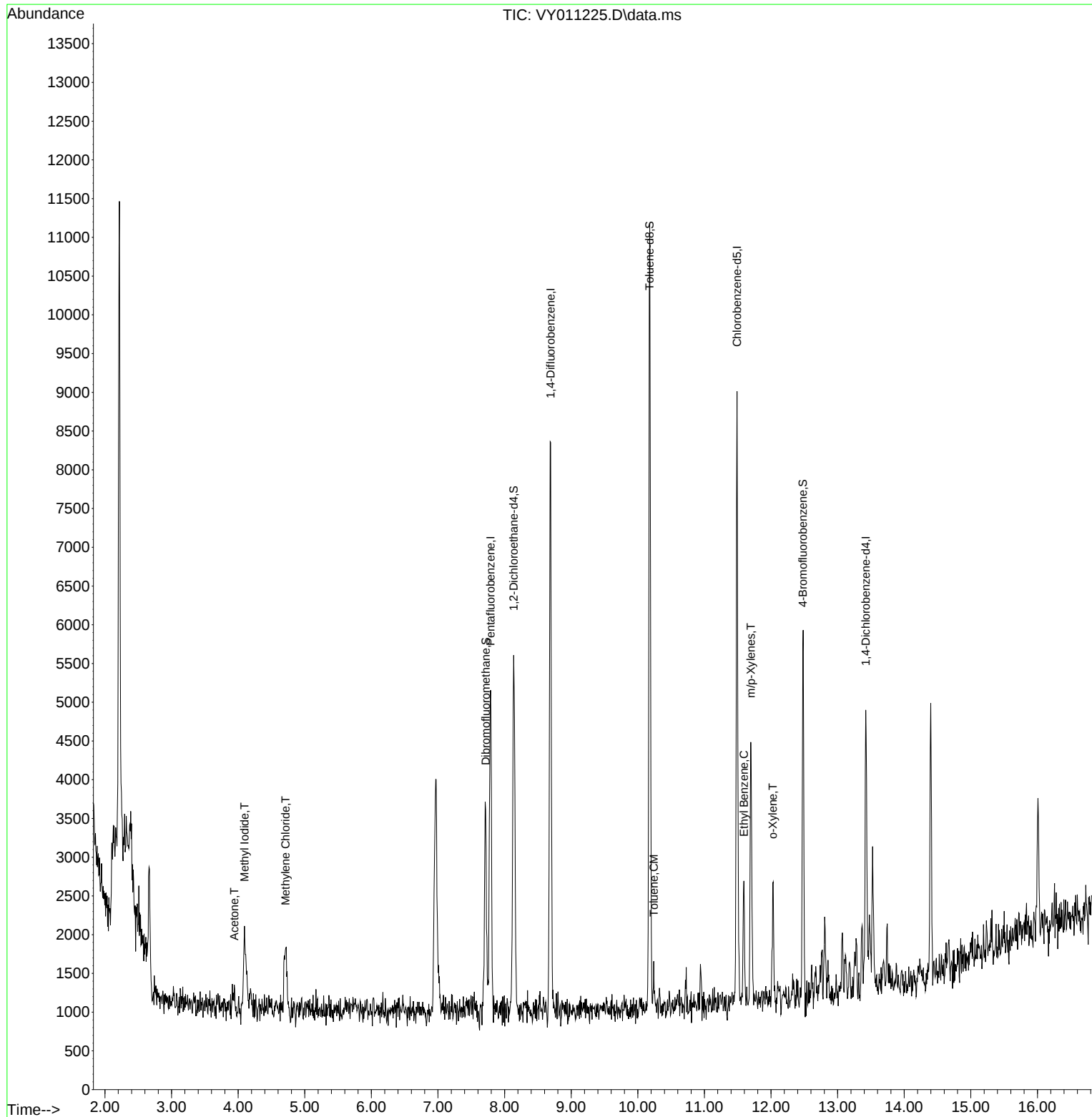
Internal Standards						
1) Pentafluorobenzene	7.789	168	3867	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	6945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3814	92.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.440%#	
35) Dibromofluoromethane	7.715	113	1972	44.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.380%	
50) Toluene-d8	10.178	98	7429	42.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.760%	
62) 4-Bromofluorobenzene	12.477	95	1696	28.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 56.400%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	1811	33.068	ug/l	# 82
16) Acetone	3.942	43	511	40.931	ug/l	98
20) Methylene Chloride	4.710	84	774	11.264	ug/l	# 76
52) Toluene	10.239	92	178	1.340	ug/l	87
67) Ethyl Benzene	11.593	91	1329	7.589	ug/l	89
68) m/p-Xylenes	11.696	106	1220	17.946	ug/l	89
69) o-Xylene	12.026	106	529	8.301	ug/l	70

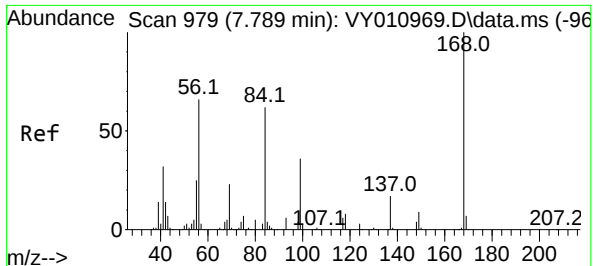
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
Data File : VY011225.D
Acq On : 01 Nov 2022 16:27
Operator : KP/MD
Sample : N5362-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516RE

Quant Time: Nov 02 01:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration

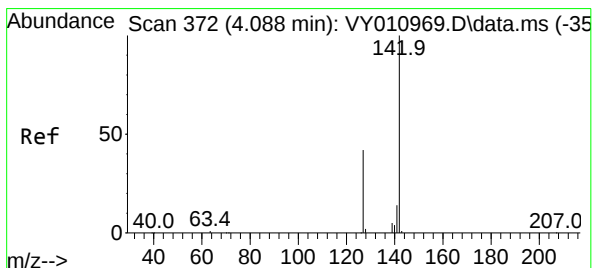
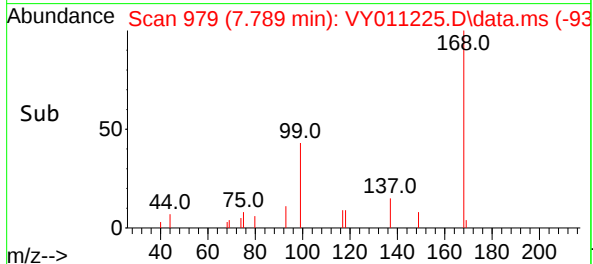
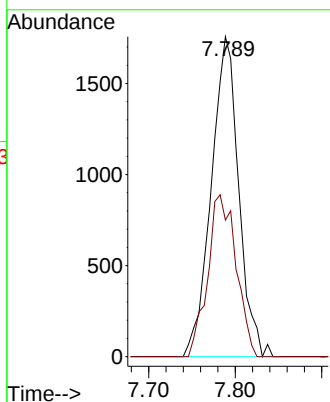
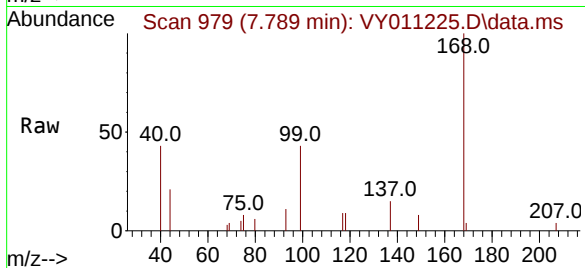




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

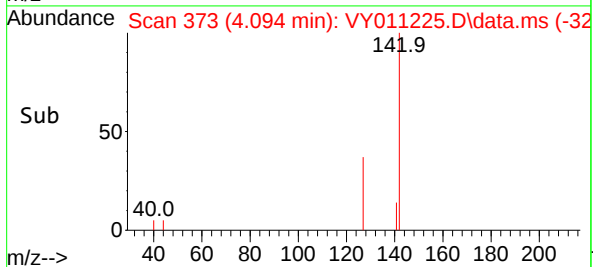
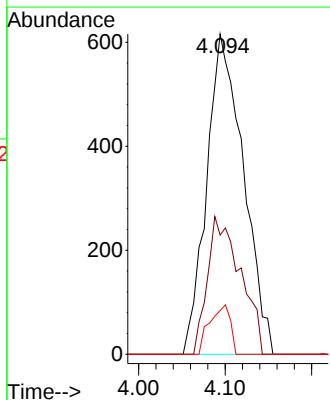
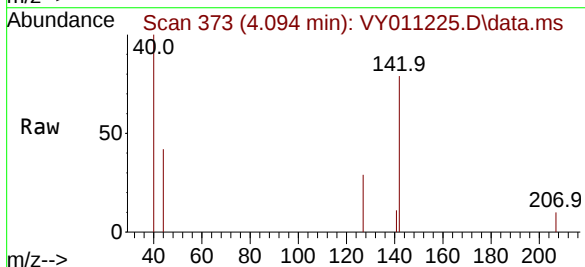
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516RE

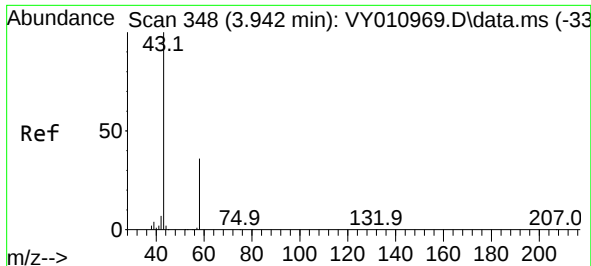
Tgt Ion:168 Resp: 3867
Ion Ratio Lower Upper
168 100
99 42.7 46.9 70.3#



#10
Methyl Iodide
Concen: 33.068 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

Tgt Ion:142 Resp: 1811
Ion Ratio Lower Upper
142 100
127 38.8 41.5 62.3#
141 8.7 11.9 17.9#

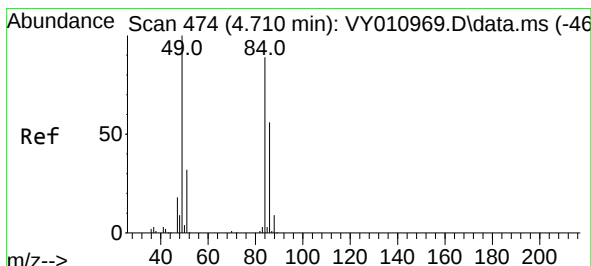
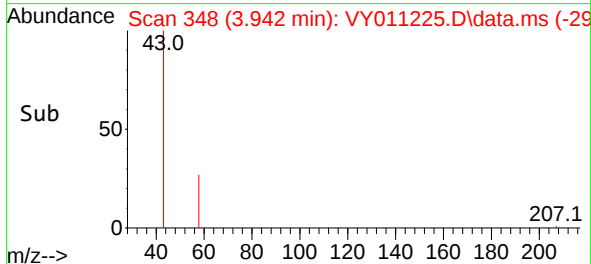
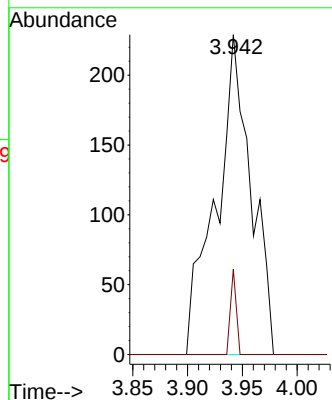
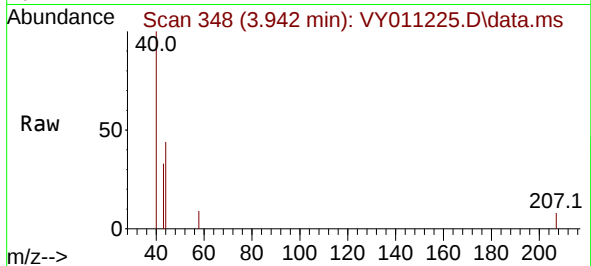




#16
Acetone
Concen: 40.931 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

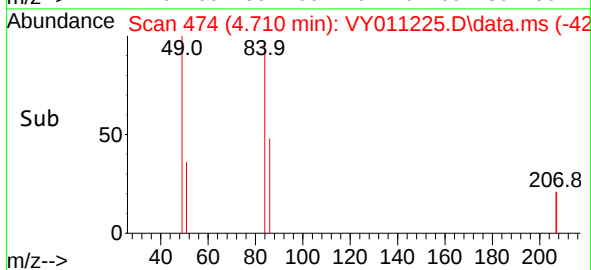
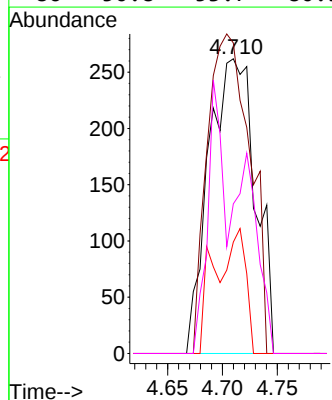
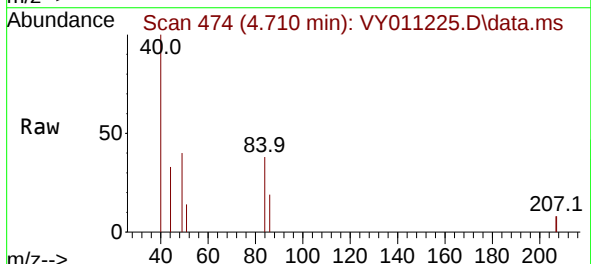
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516RE

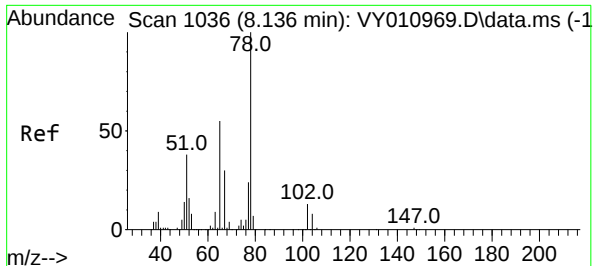
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 26.6 22.0 33.0



#20
Methylene Chloride
Concen: 11.264 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

Tgt Ion: 84 Resp: 774
Ion Ratio Lower Upper
84 100
49 105.3 114.4 171.6#
51 37.8 35.3 52.9
86 50.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 92.220 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY011225.D

Acq: 01 Nov 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

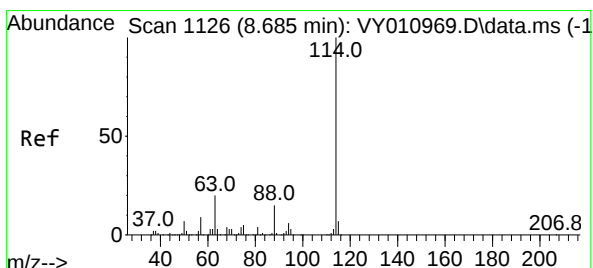
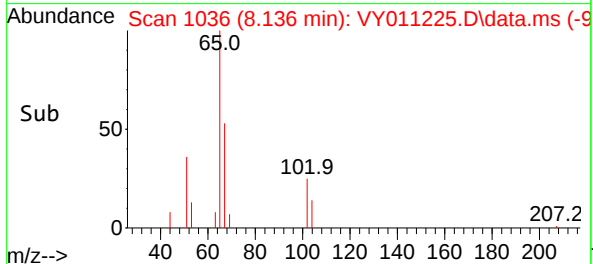
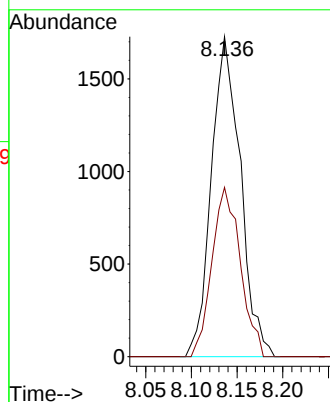
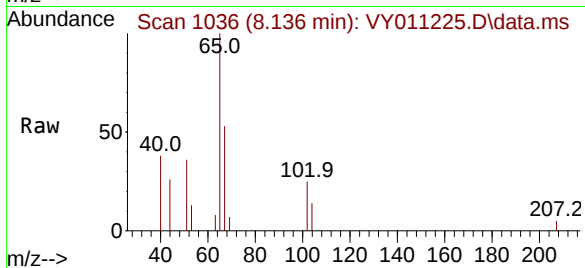
CHRT-26516RE

Tgt Ion: 65 Resp: 3814

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011225.D

Acq: 01 Nov 2022 16:27

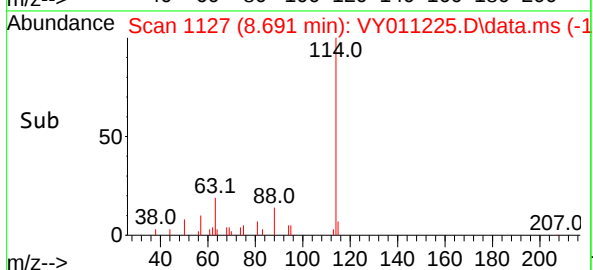
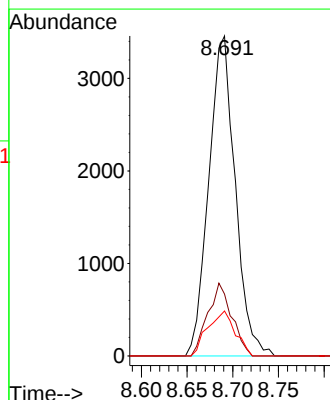
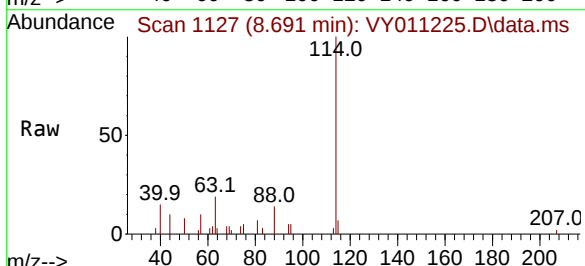
Tgt Ion: 114 Resp: 6945

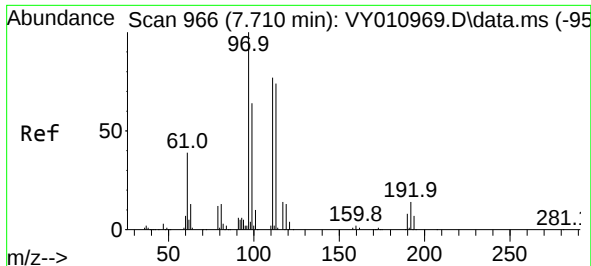
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.1 0.0 31.8

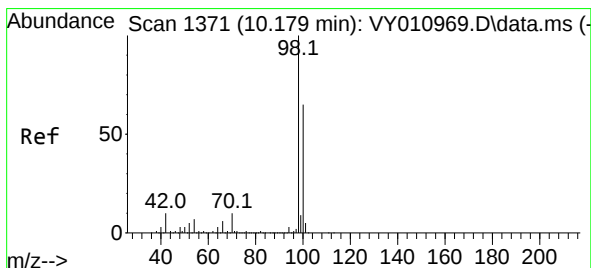
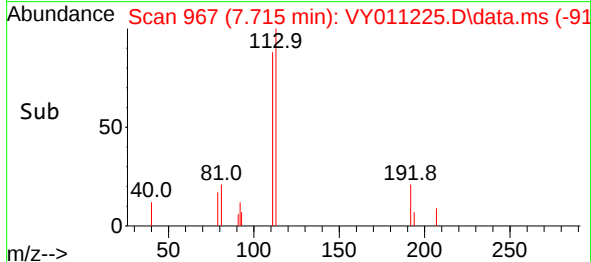
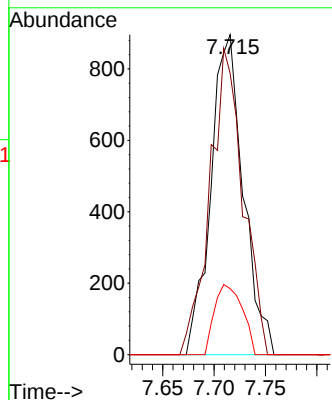
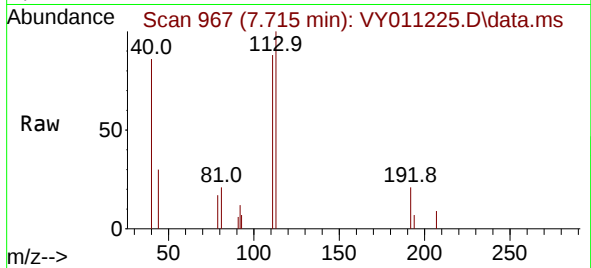




#35
Dibromofluoromethane
Concen: 44.194 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.005 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

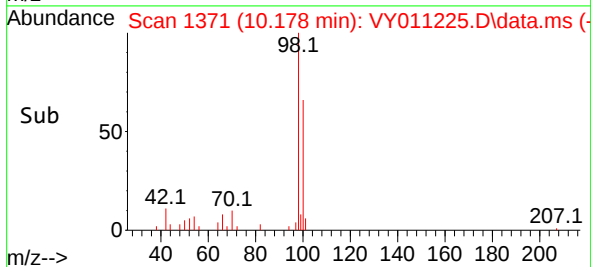
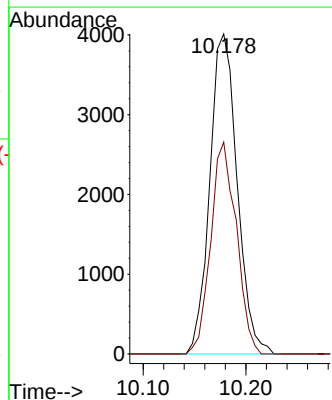
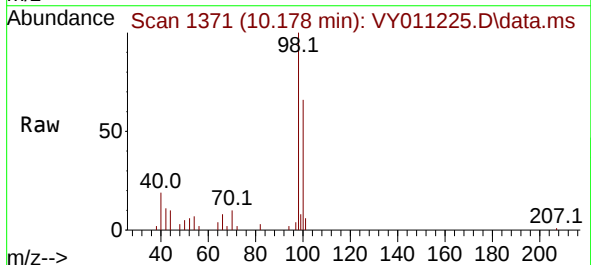
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516RE

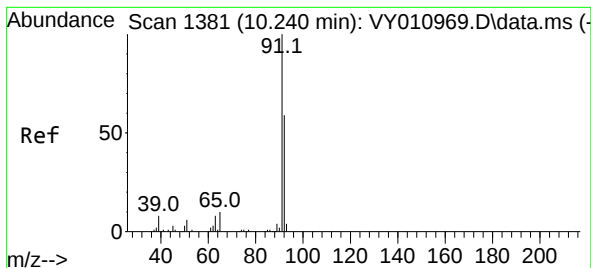
Tgt Ion:113 Resp: 1972
Ion Ratio Lower Upper
113 100
111 97.0 82.6 124.0
192 18.7 17.6 26.4



#50
Toluene-d8
Concen: 42.881 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

Tgt Ion: 98 Resp: 7429
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2





#52

Toluene

Concen: 1.340 ug/l

RT: 10.239 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011225.D

Acq: 01 Nov 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

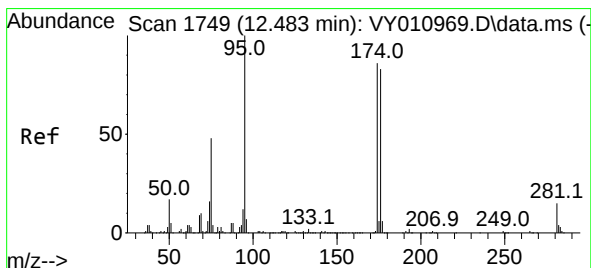
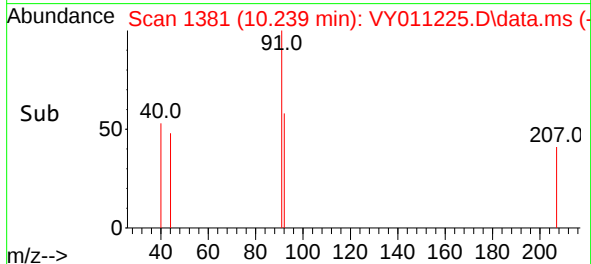
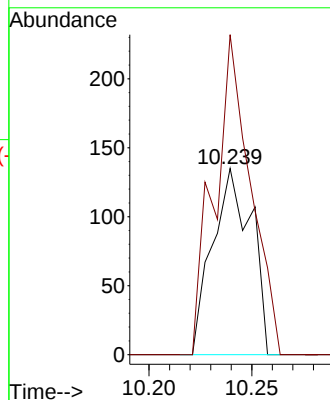
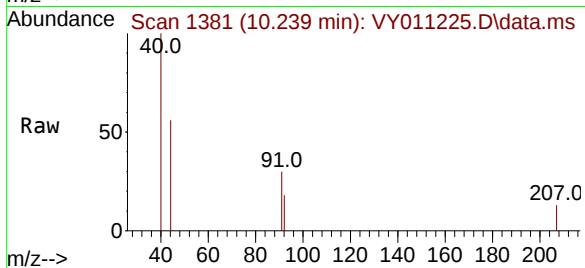
CHRT-26516RE

Tgt Ion: 92 Resp: 178

Ion Ratio Lower Upper

92 100

91 160.1 142.6 213.8



#62

4-Bromofluorobenzene

Concen: 28.199 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011225.D

Acq: 01 Nov 2022 16:27

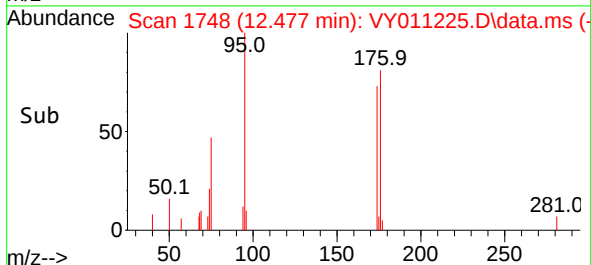
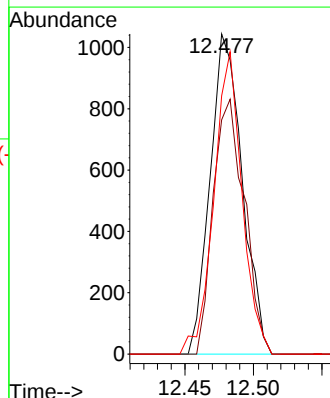
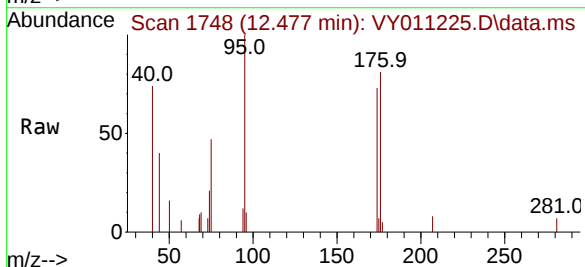
Tgt Ion: 95 Resp: 1696

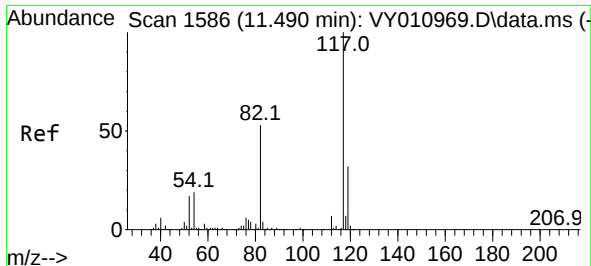
Ion Ratio Lower Upper

95 100

174 77.6 0.0 177.0

176 83.1 0.0 175.8

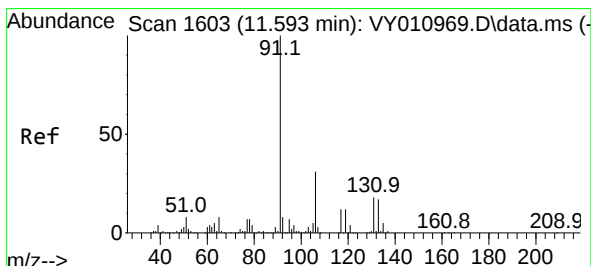
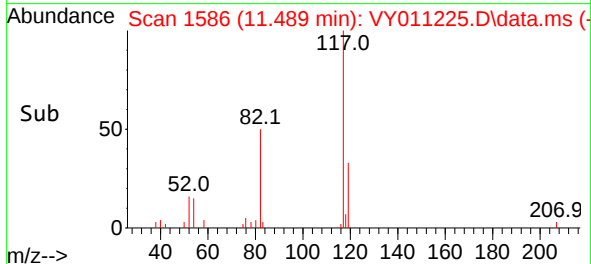
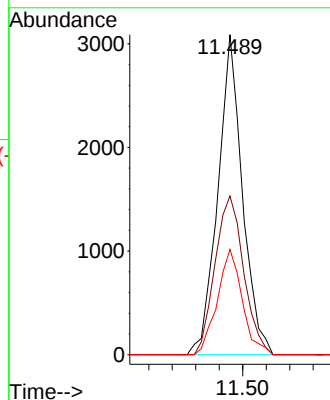
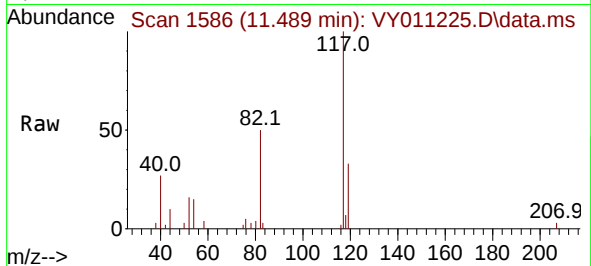




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

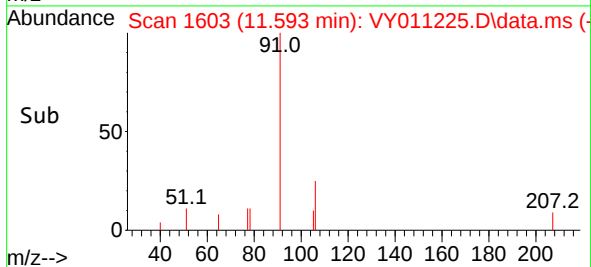
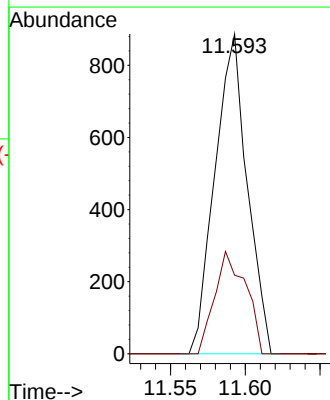
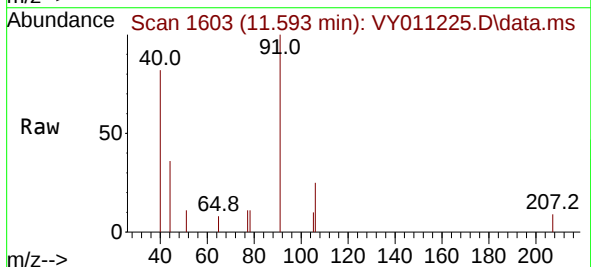
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516RE

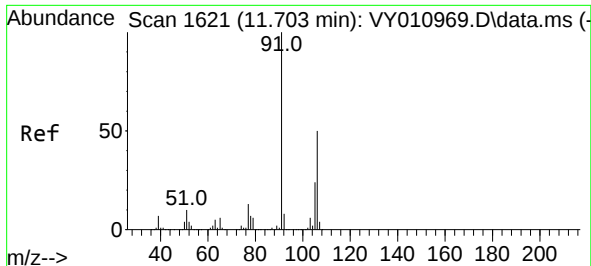
Tgt Ion:117 Resp: 4475
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 32.9 25.4 38.0



#67
Ethyl Benzene
Concen: 7.589 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

Tgt Ion: 91 Resp: 1329
Ion Ratio Lower Upper
91 100
106 24.6 24.5 36.7

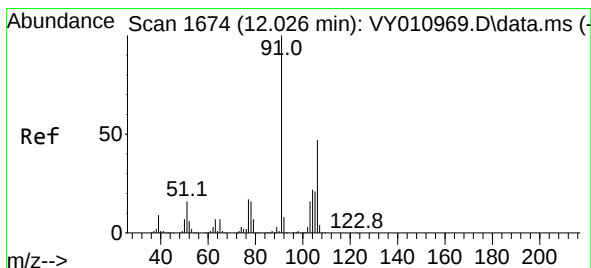
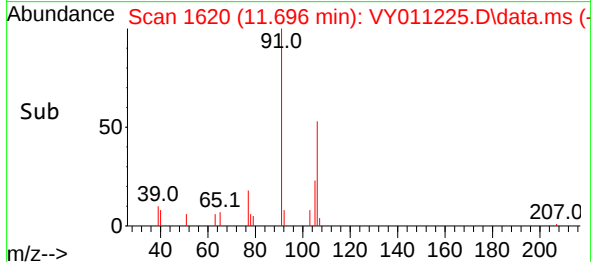
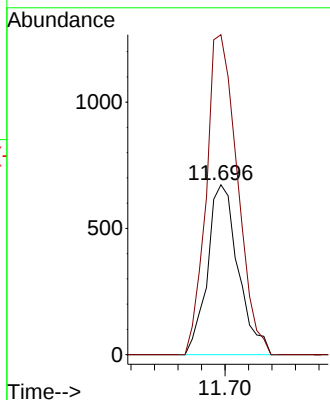
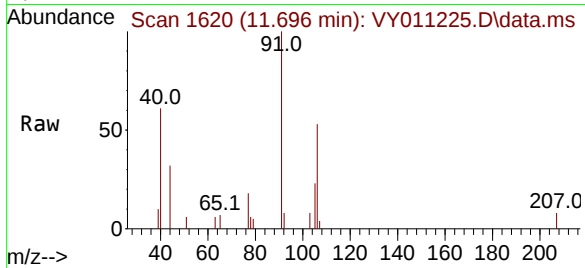




#68
m/p-Xylenes
Concen: 17.946 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.007 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

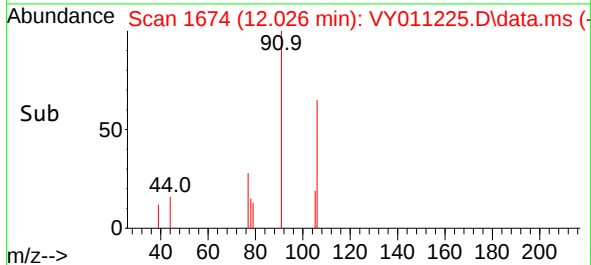
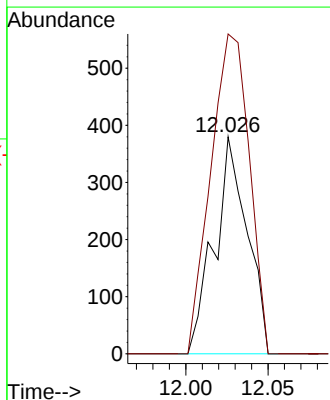
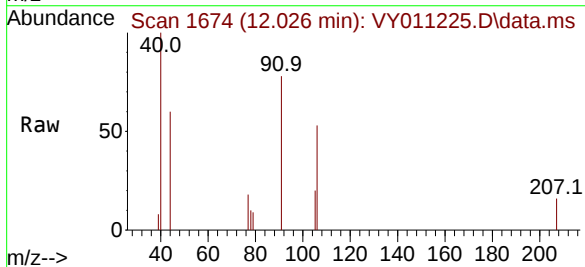
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516RE

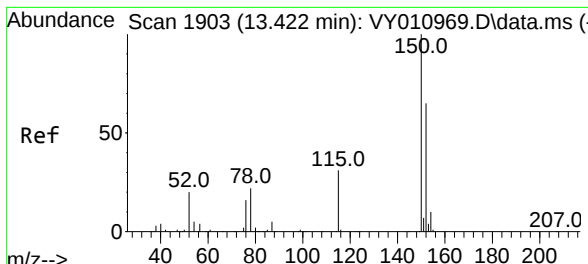
Tgt Ion:106 Resp: 1220
Ion Ratio Lower Upper
106 100
91 191.1 166.6 249.8



#69
o-Xylene
Concen: 8.301 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011225.D
Acq: 01 Nov 2022 16:27

Tgt Ion:106 Resp: 529
Ion Ratio Lower Upper
106 100
91 173.0 110.3 331.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011225.D
 Acq: 01 Nov 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26516RE

Tgt Ion:	152	Resp:	1208
Ion	Ratio	Lower	Upper
152	100		
115	51.6	28.2	84.7
150	136.4	0.0	347.6

