

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016362.D
 Acq On : 15 Nov 2023 13:37
 Operator : SY/MD
 Sample : 05408-09
 Misc : 8.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 710-RHINE-AVE

Quant Time: Nov 16 00:03:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

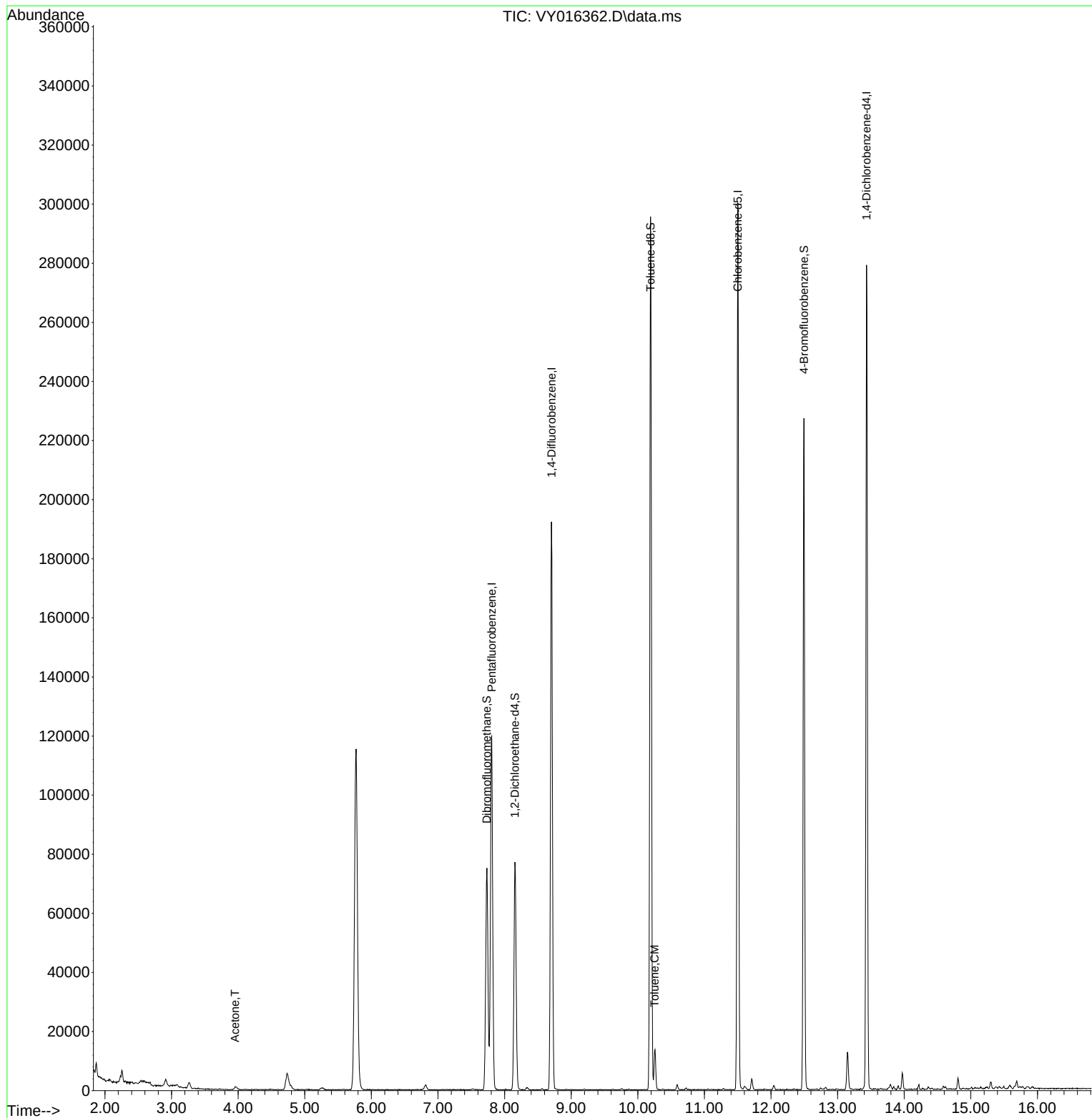
Internal Standards						
1) Pentafluorobenzene	7.807	168	94872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	168532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	163304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61638	71.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.180%
35) Dibromofluoromethane	7.734	113	54312	56.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.460%
50) Toluene-d8	10.191	98	199966	51.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.495	95	67869	53.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.640%
Target Compounds						Qvalue
16) Acetone	3.954	43	1929	13.449	ug/l	# 88
52) Toluene	10.252	92	5945	2.014	ug/l	95

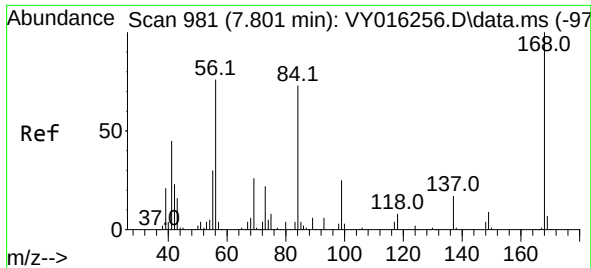
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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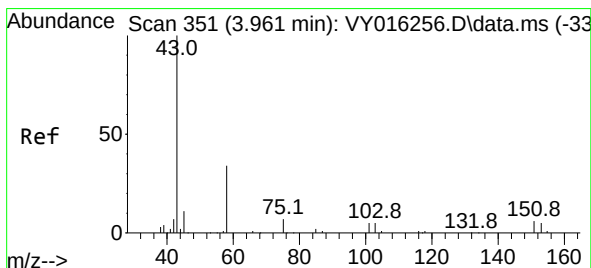
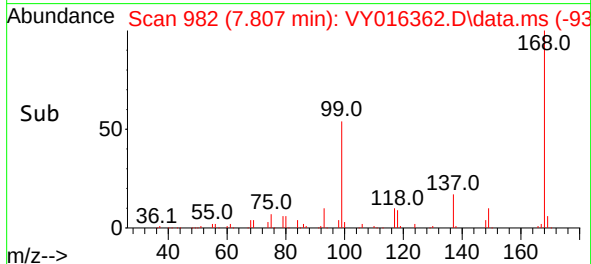
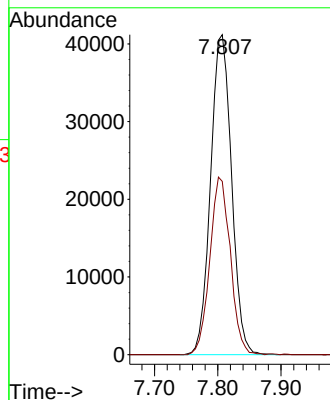
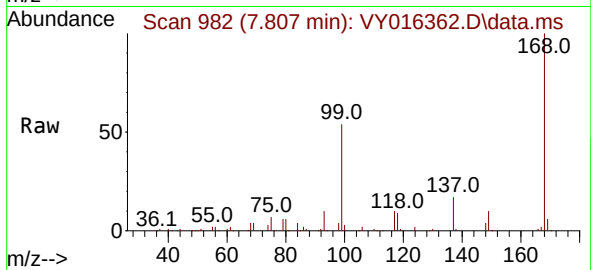




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

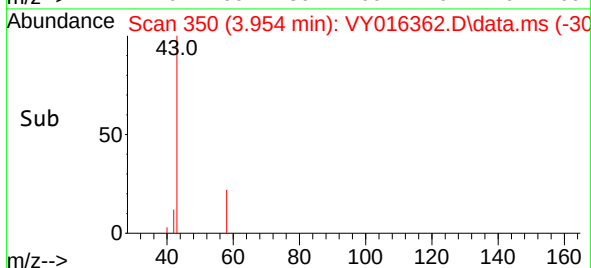
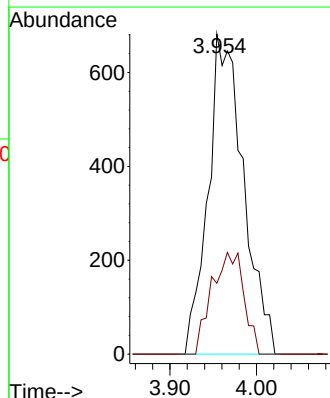
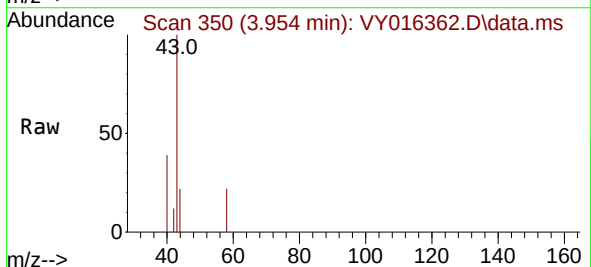
Instrument :
MSVOA_Y
ClientSampleId :
710-RHINE-AVE

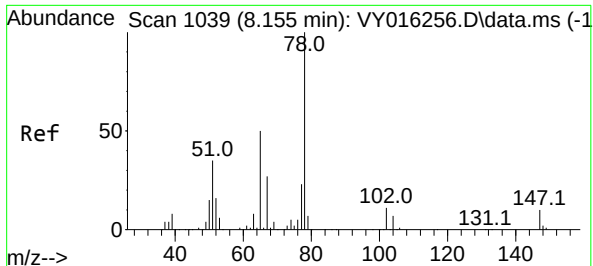
Tgt Ion:168 Resp: 94872
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 13.449 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 22.1 22.7 34.1#

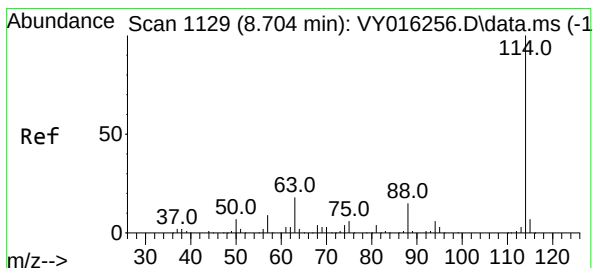
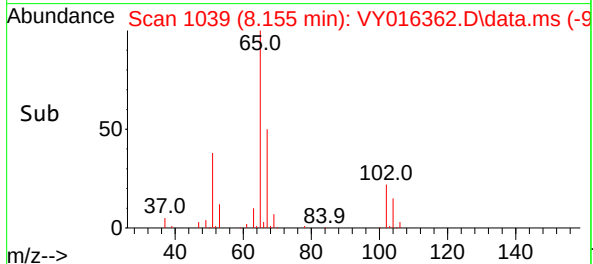
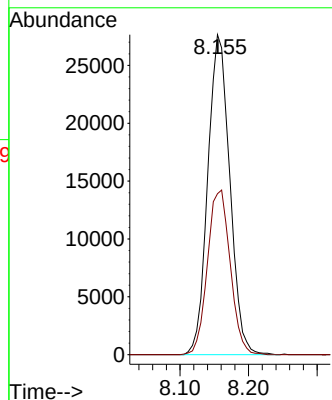
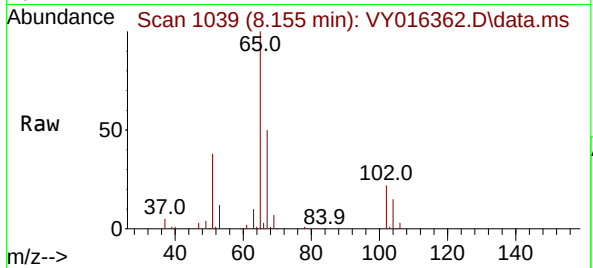




#33
 1,2-Dichloroethane-d4
 Concen: 71.086 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016362.D
 Acq: 15 Nov 2023 13:37

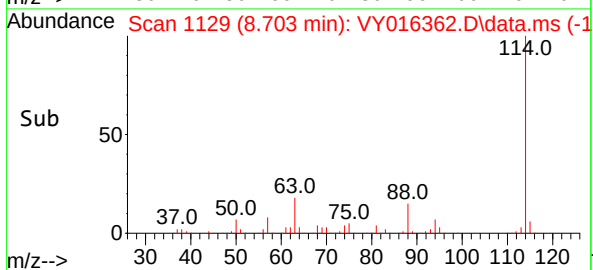
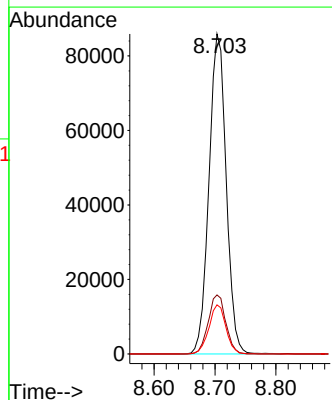
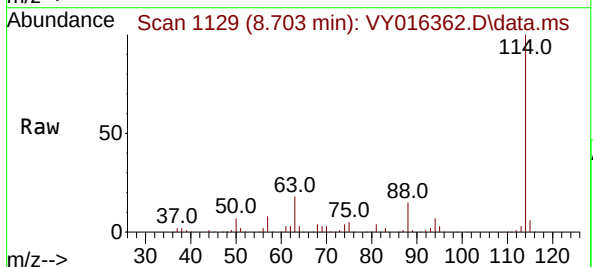
Instrument :
 MSVOA_Y
 ClientSampleId :
 710-RHINE-AVE

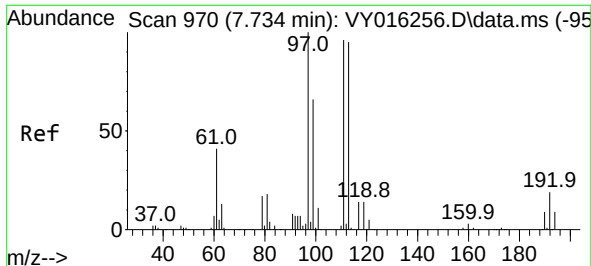
Tgt Ion: 65 Resp: 61638
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016362.D
 Acq: 15 Nov 2023 13:37

Tgt Ion: 114 Resp: 168532
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.3 0.0 30.6

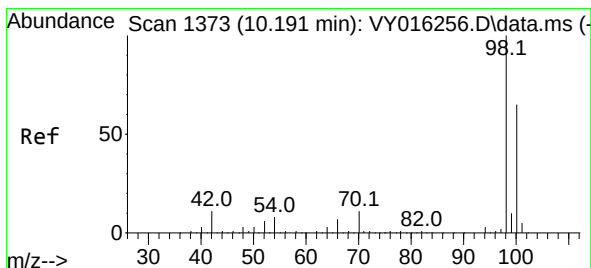
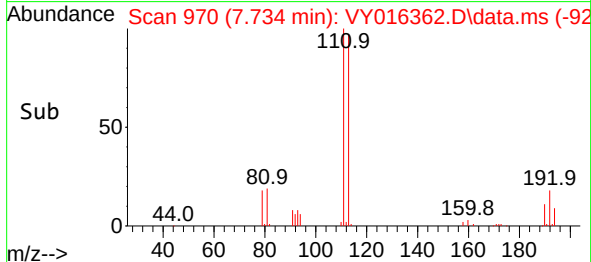
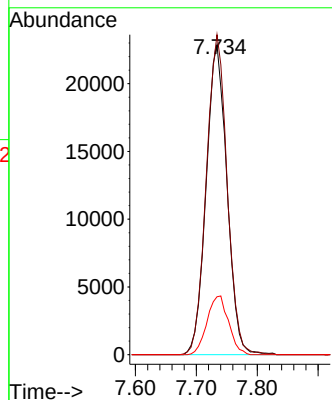
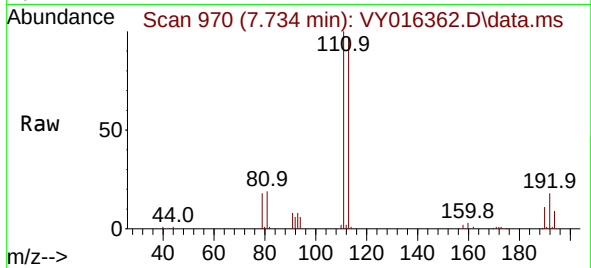




#35
Dibromofluoromethane
Concen: 56.731 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

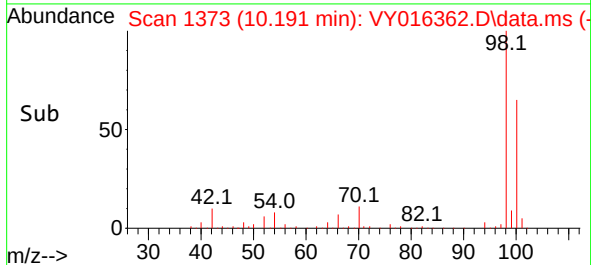
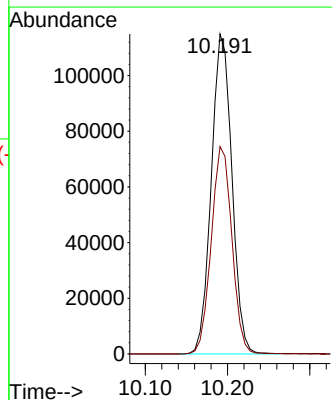
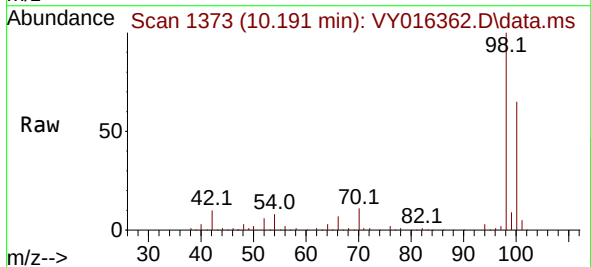
Instrument :
MSVOA_Y
ClientSampleId :
710-RHINE-AVE

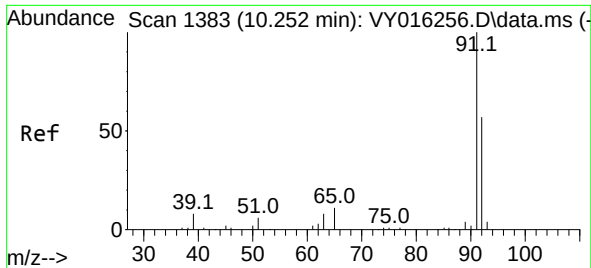
Tgt Ion:113 Resp: 54312
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 51.507 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Tgt Ion: 98 Resp: 199966
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

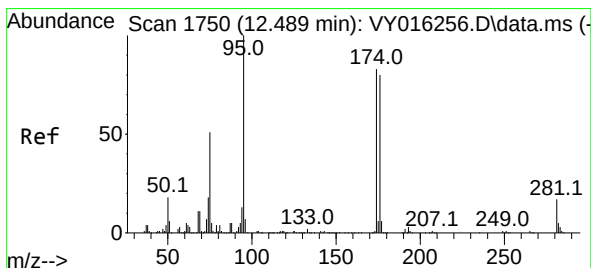
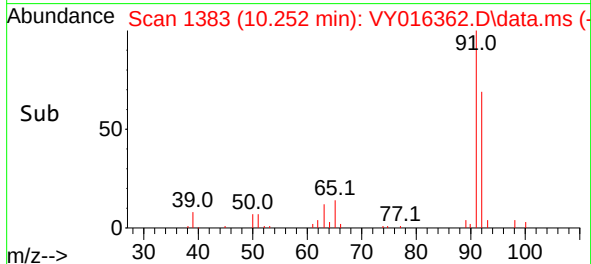
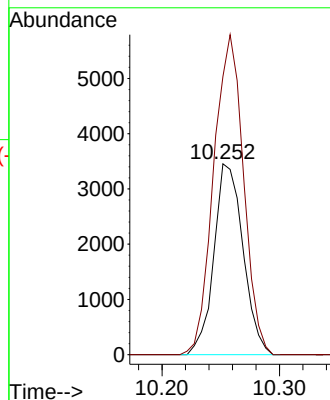
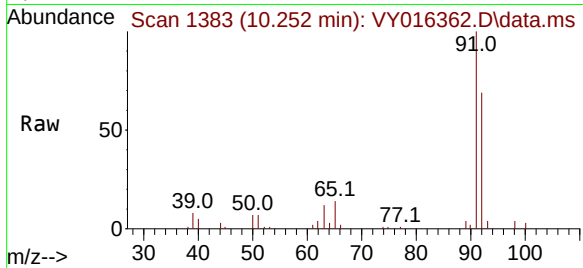




#52
Toluene
Concen: 2.014 ug/l
RT: 10.252 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

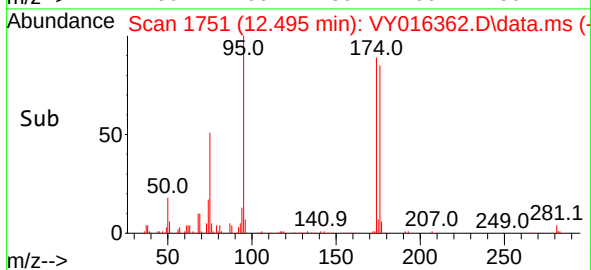
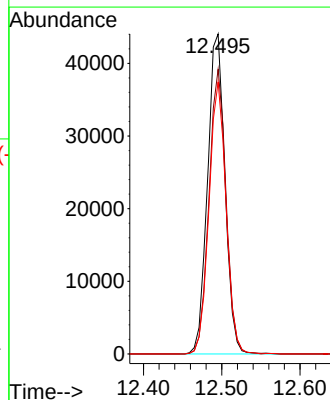
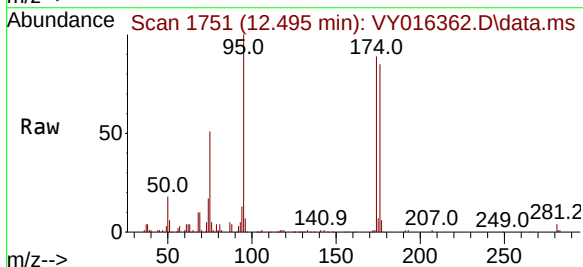
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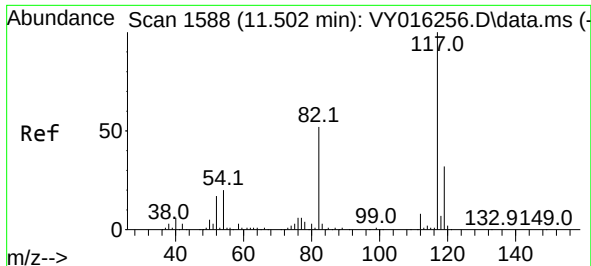
Tgt Ion: 92 Resp: 5945
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 53.825 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Tgt Ion: 95 Resp: 67869
Ion Ratio Lower Upper
95 100
174 87.7 0.0 178.2
176 83.2 0.0 173.8

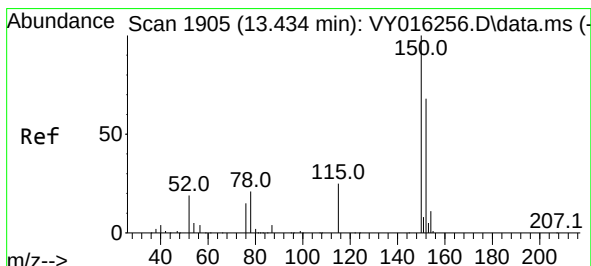
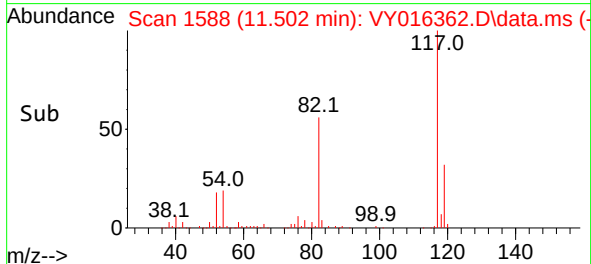
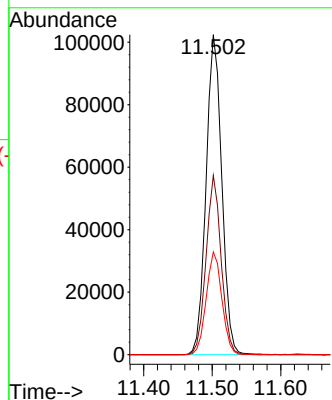
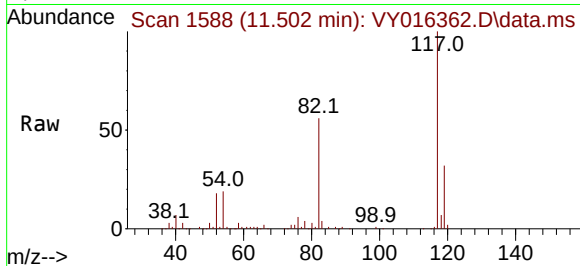




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Instrument :
MSVOA_Y
ClientSampleId :
710-RHINE-AVE

Tgt Ion:117 Resp: 163304
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016362.D
Acq: 15 Nov 2023 13:37

Tgt Ion:152 Resp: 73896
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 157.0 0.0 348.8

