

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016364.D
 Acq On : 15 Nov 2023 14:24
 Operator : SY/MD
 Sample : 05425-01
 Misc : 8.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 O-1(20)(15-20)

Quant Time: Nov 16 00:04:26 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)

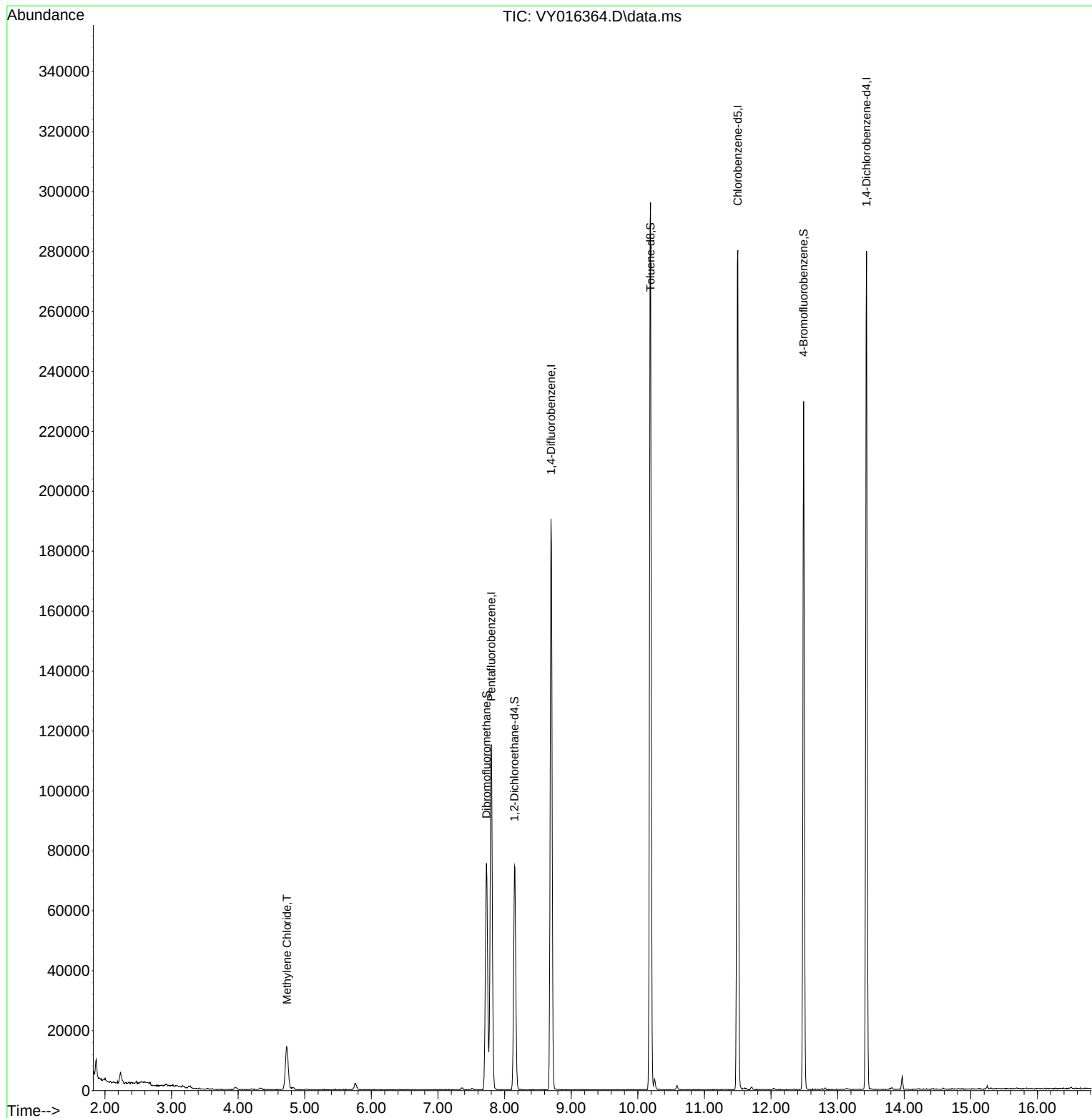
Internal Standards						
1) Pentafluorobenzene	7.801	168	92539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	161494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58981	69.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.480%
35) Dibromofluoromethane	7.728	113	53763	56.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.800%
50) Toluene-d8	10.191	98	199079	51.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.489	95	68068	54.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	11628	8.905	ug/l #	82

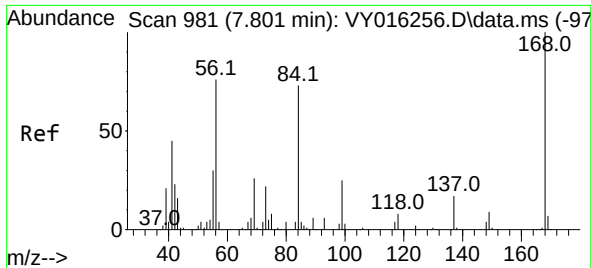
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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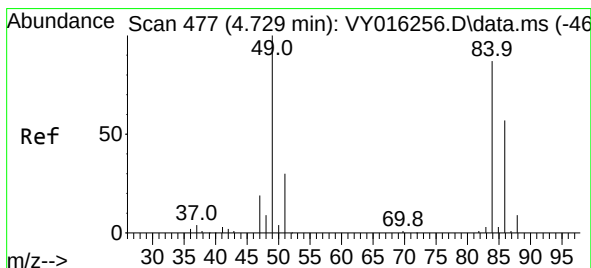
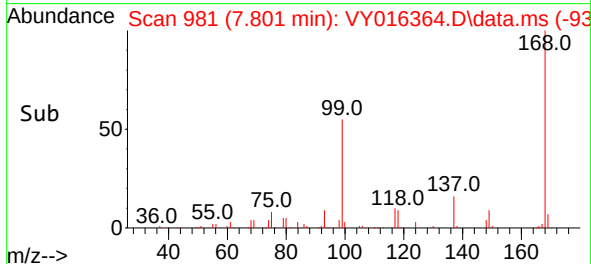
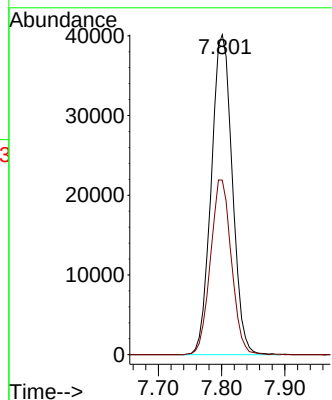
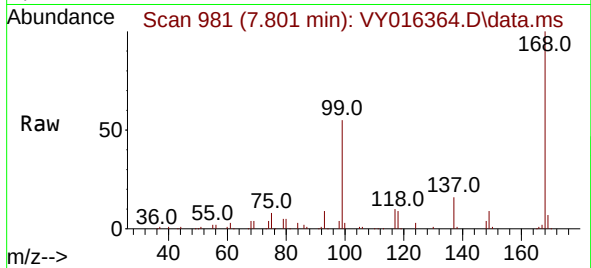




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

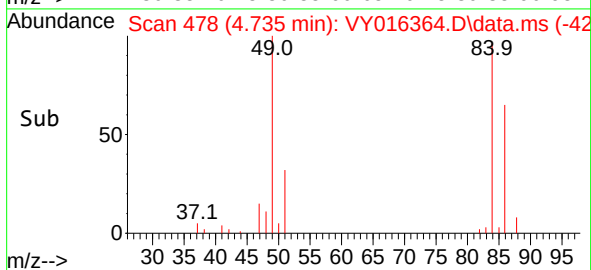
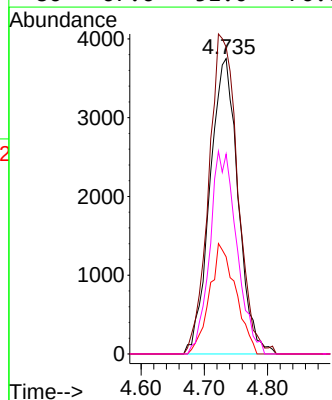
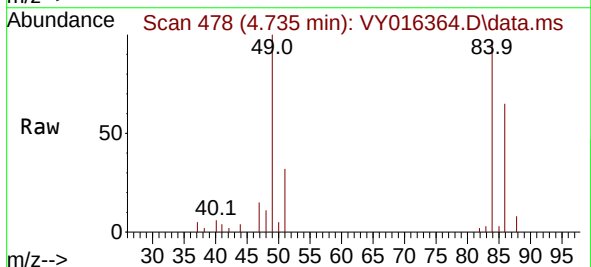
Instrument :
MSVOA_Y
ClientSampleId :
O-1(20)(15-20)

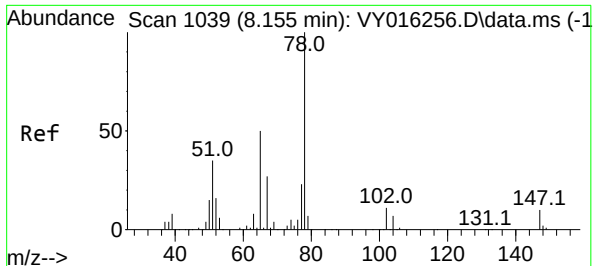
Tgt Ion:168 Resp: 92539
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#20
Methylene Chloride
Concen: 8.905 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 84 Resp: 11628
Ion Ratio Lower Upper
84 100
49 103.9 106.9 160.3#
51 32.9 33.2 49.8#
86 67.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.736 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016364.D

Acq: 15 Nov 2023 14:24

Instrument :

MSVOA_Y

ClientSampleId :

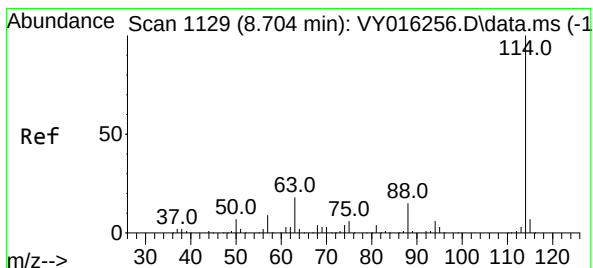
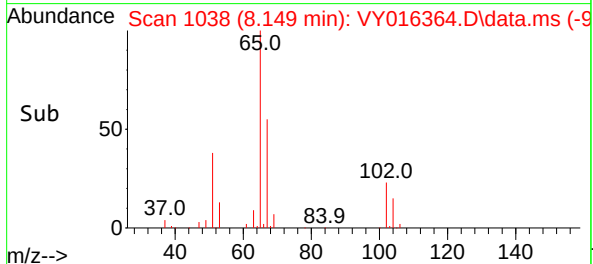
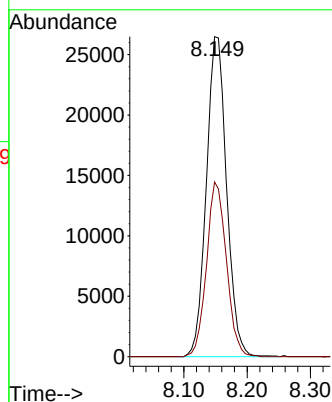
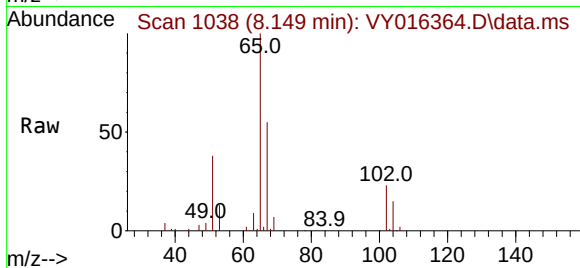
O-1(20)(15-20)

Tgt Ion: 65 Resp: 58981

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016364.D

Acq: 15 Nov 2023 14:24

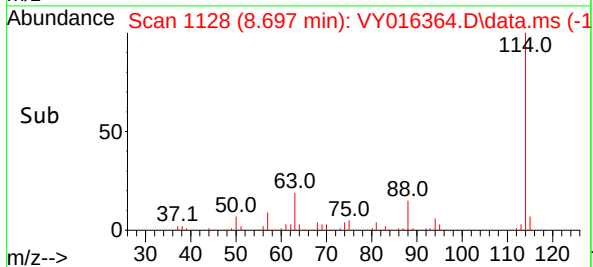
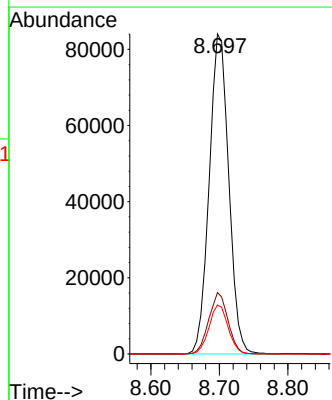
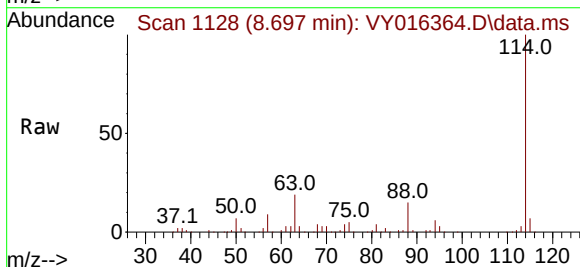
Tgt Ion: 114 Resp: 166321

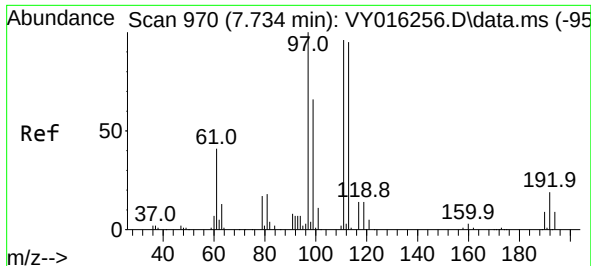
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.3 0.0 30.6

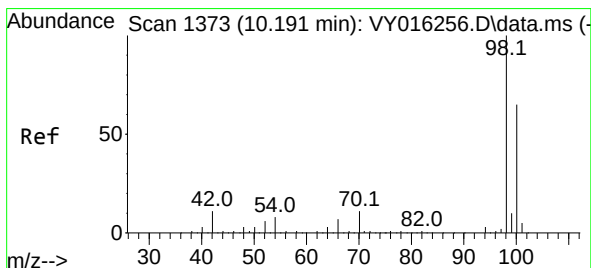
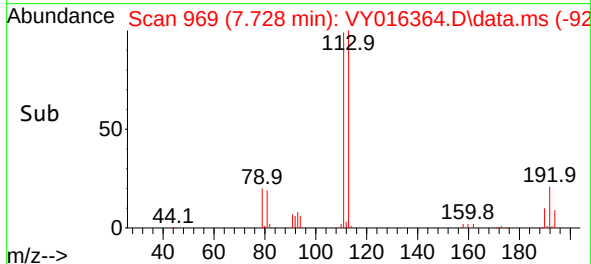
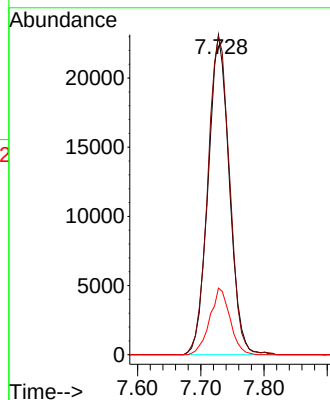
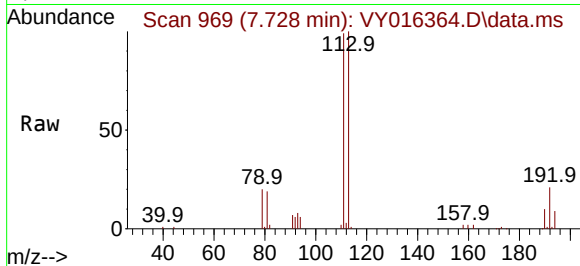




#35
Dibromofluoromethane
Concen: 56.904 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

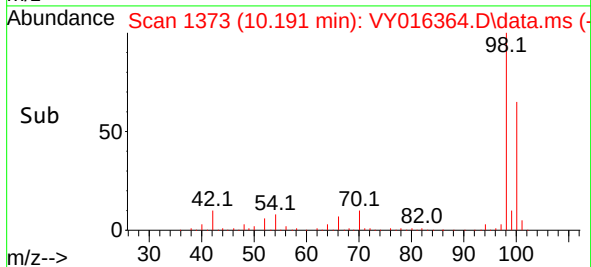
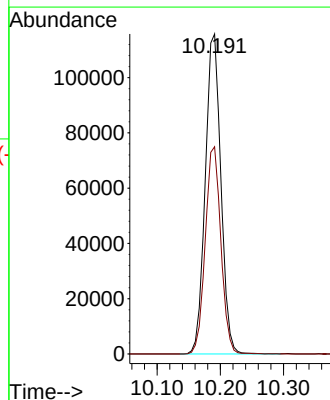
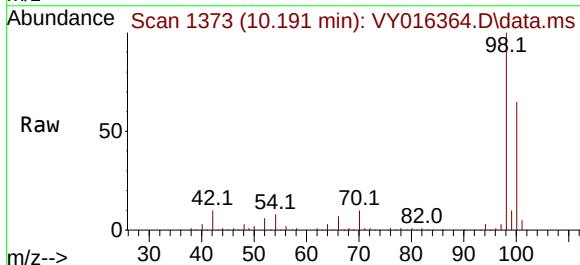
Instrument :
MSVOA_Y
ClientSampleId :
O-1(20)(15-20)

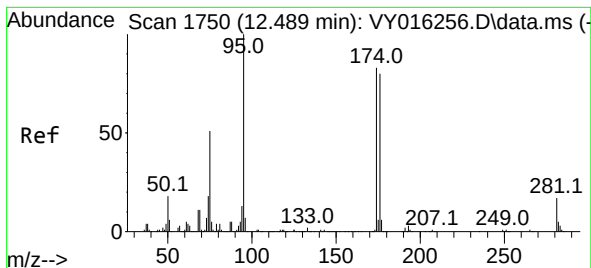
Tgt Ion:113 Resp: 53763
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 51.960 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 98 Resp: 199079
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

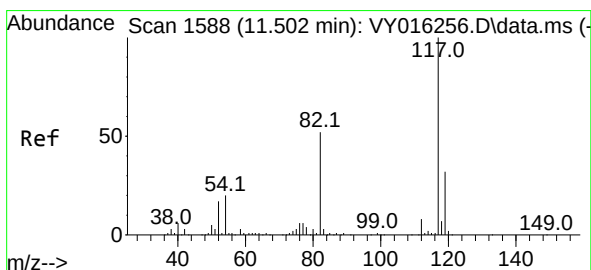
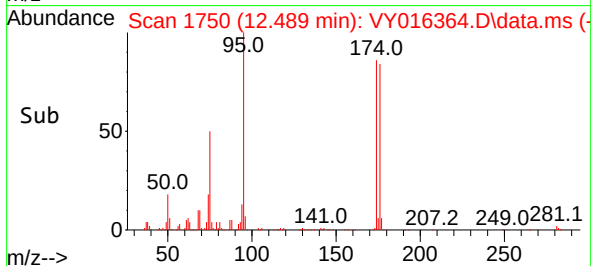
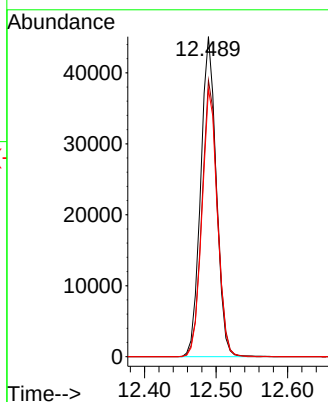
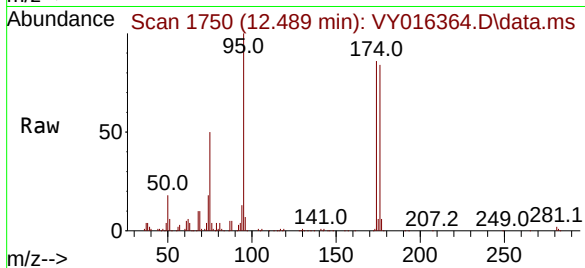




#62
4-Bromofluorobenzene
Concen: 54.700 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

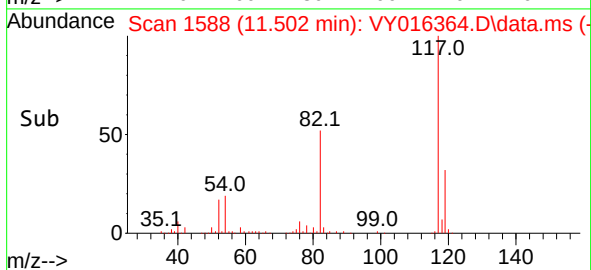
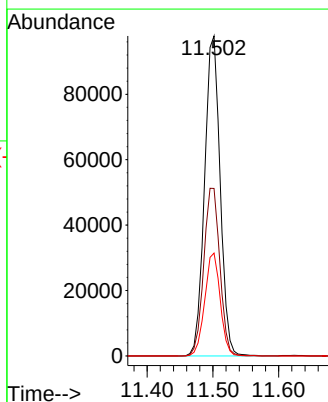
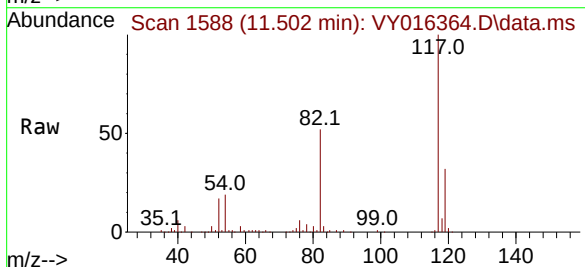
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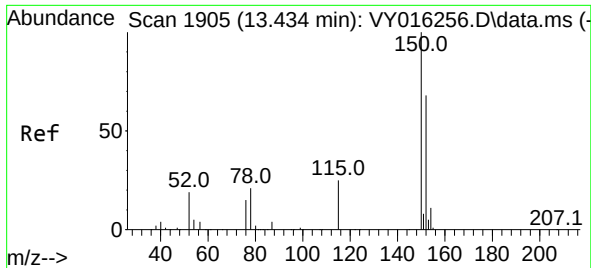
Tgt Ion: 95 Resp: 68068
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016364.D
Acq: 15 Nov 2023 14:24

Tgt Ion: 117 Resp: 161494
Ion Ratio Lower Upper
117 100
82 52.4 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: VY016364.D
 Acq: 15 Nov 2023 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 O-1(20)(15-20)

Tgt Ion:	152	Resp:	72764
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.8	86.5
150	158.6	0.0	348.8

