

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010842.D
 Acq On : 06 Oct 2022 14:14
 Operator : KP/MD
 Sample : N5004-17
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22015-18

Quant Time: Oct 07 02:29:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

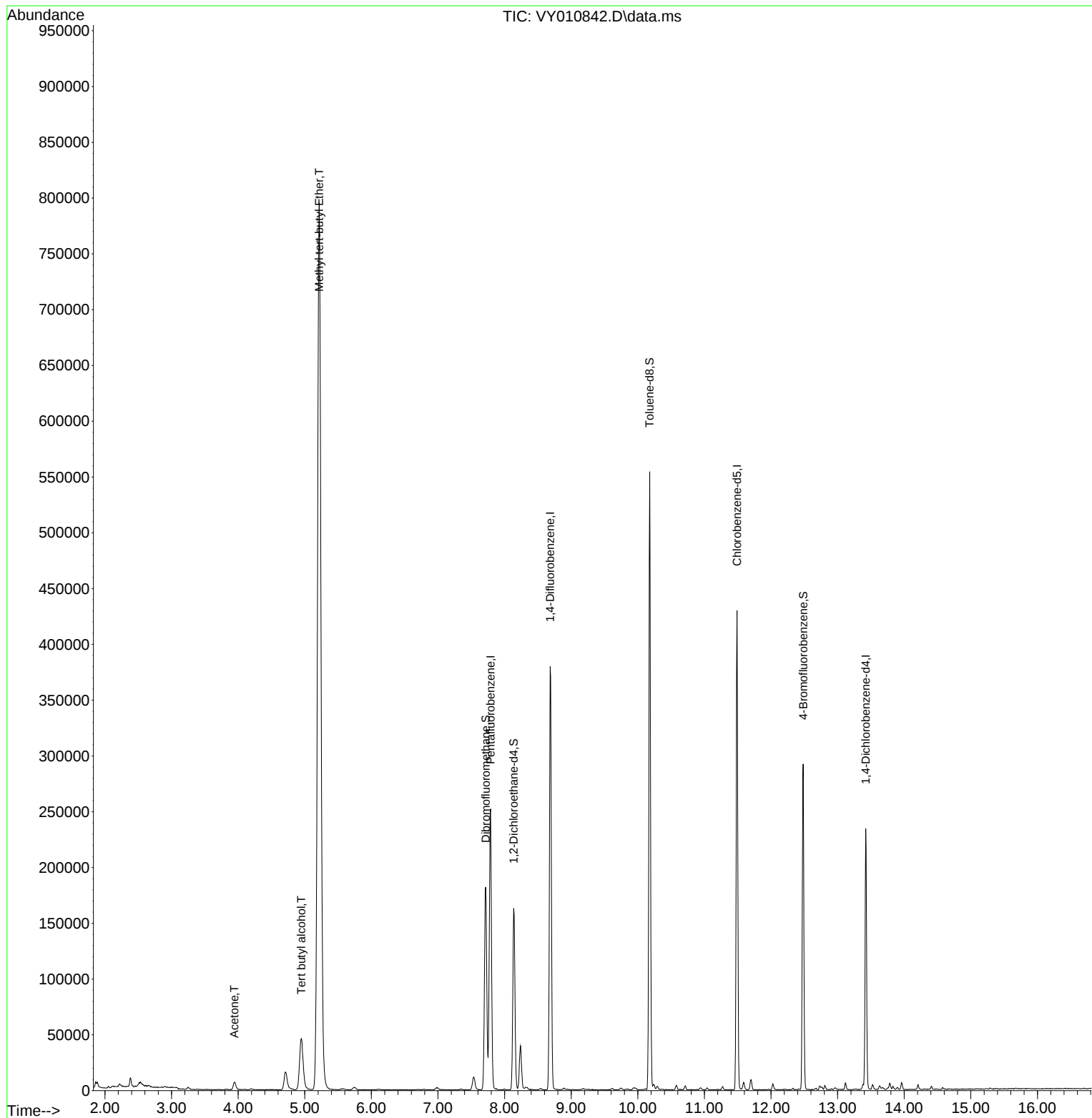
Internal Standards						
1) Pentafluorobenzene	7.789	168	193504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126730	64.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.220%	
35) Dibromofluoromethane	7.716	113	130923	59.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.480%	
50) Toluene-d8	10.179	98	350329	46.744	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.480%	
62) 4-Bromofluorobenzene	12.483	95	86014	27.738	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 55.480%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.948	59	87296	514.668	ug/l #	92
16) Acetone	3.942	43	12555	25.203	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	1406973	293.786	ug/l	97

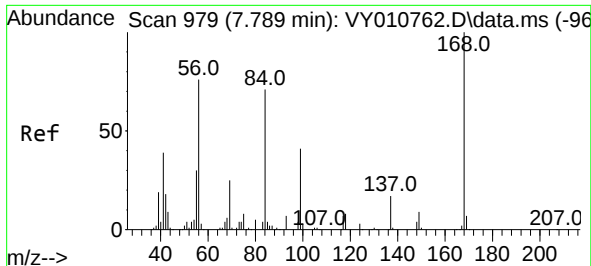
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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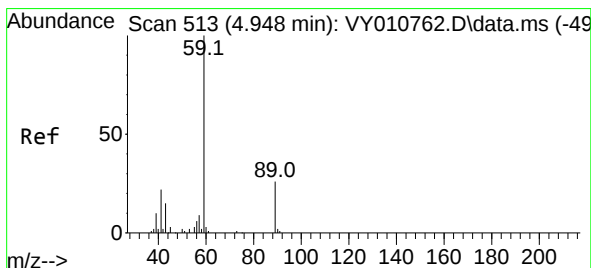
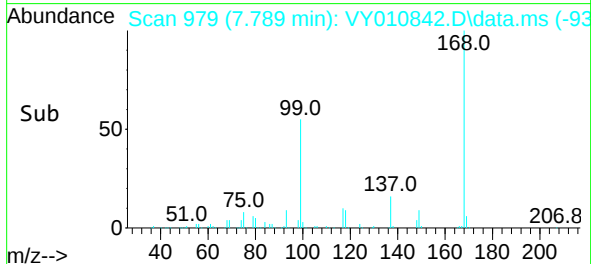
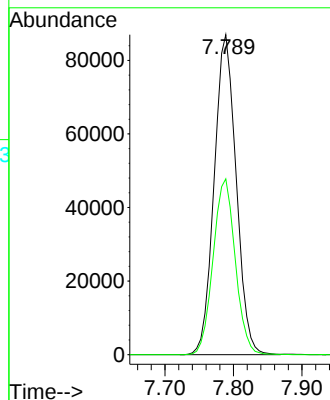
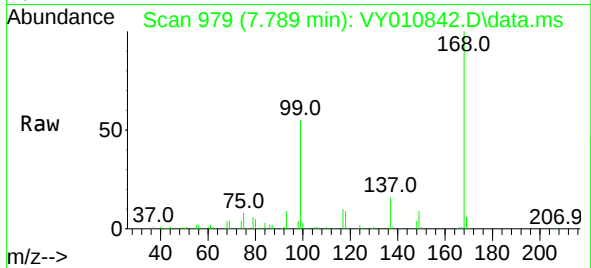




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010842.D
Acq: 06 Oct 2022 14:14

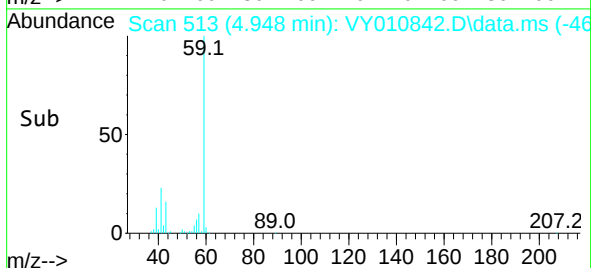
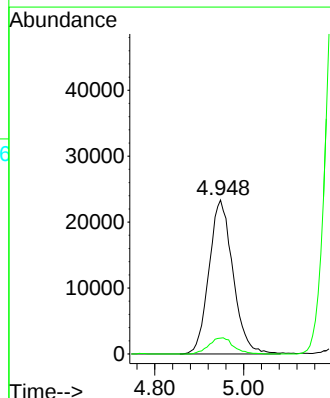
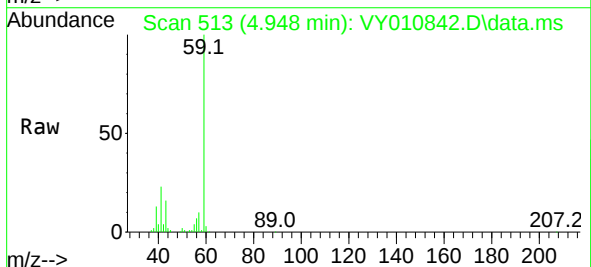
Instrument :
MSVOA_Y
ClientSampleId :
D22015-18

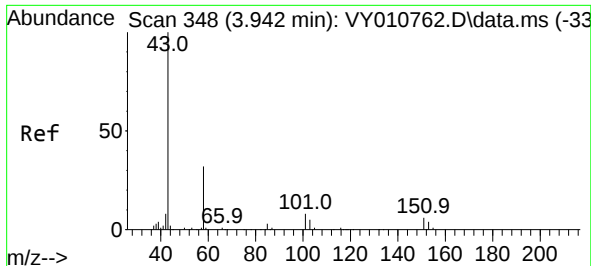
Tgt Ion:168 Resp: 193504
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 514.668 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010842.D
Acq: 06 Oct 2022 14:14

Tgt Ion: 59 Resp: 87296
Ion Ratio Lower Upper
59 100
57 10.7 6.4 9.6#





#16

Acetone

Concen: 25.203 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010842.D

Acq: 06 Oct 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

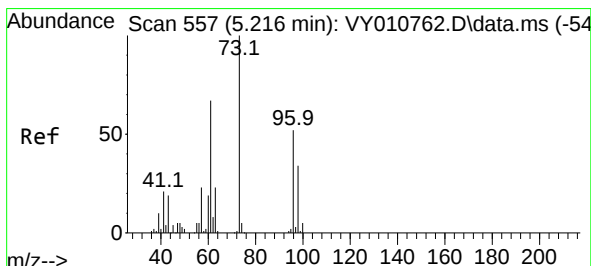
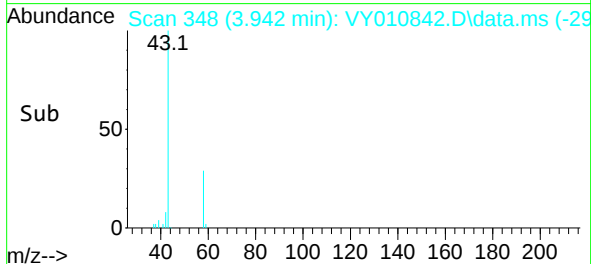
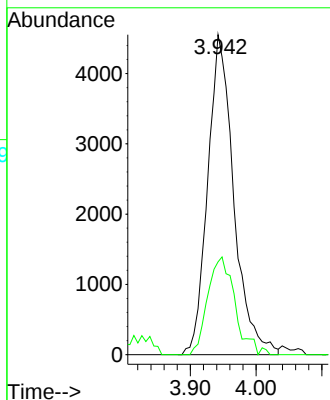
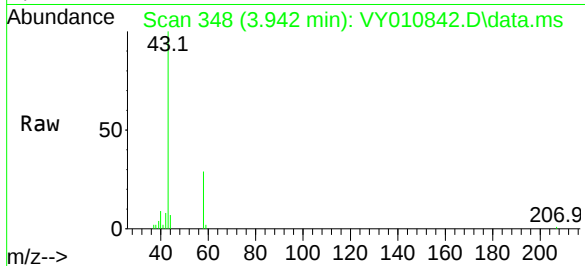
D22015-18

Tgt Ion: 43 Resp: 12555

Ion Ratio Lower Upper

43 100

58 29.0 22.0 33.0



#19

Methyl tert-butyl Ether

Concen: 293.786 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY010842.D

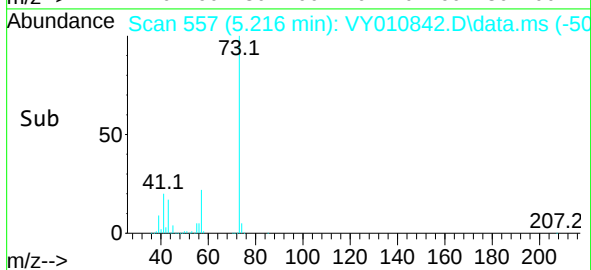
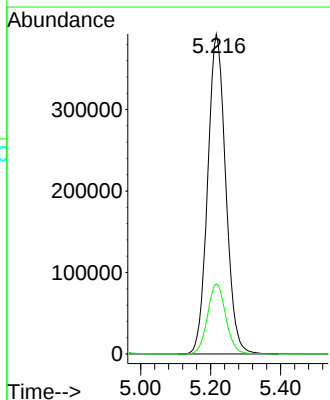
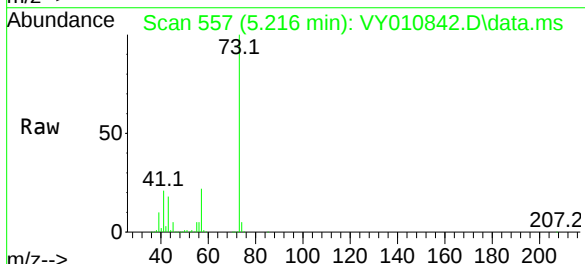
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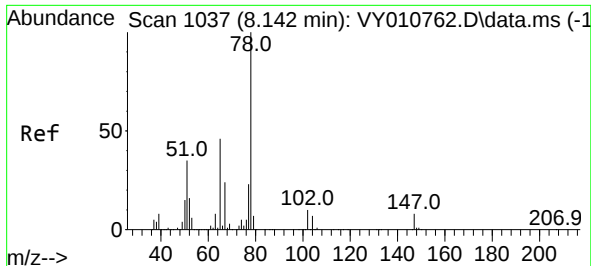
Tgt Ion: 73 Resp: 1406973

Ion Ratio Lower Upper

73 100

57 21.8 18.6 27.8

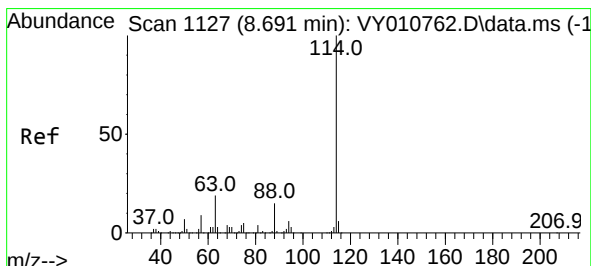
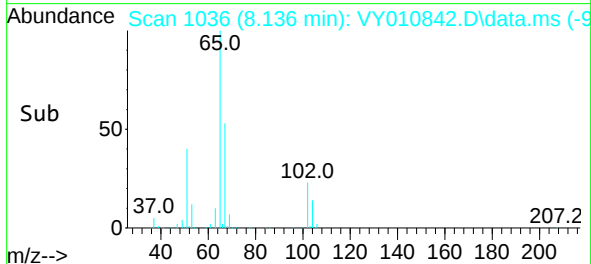
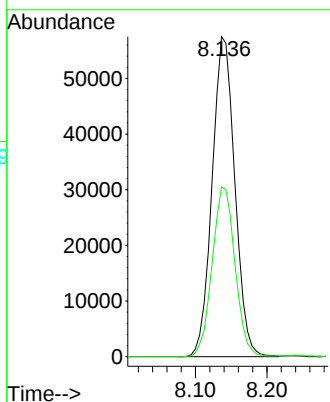
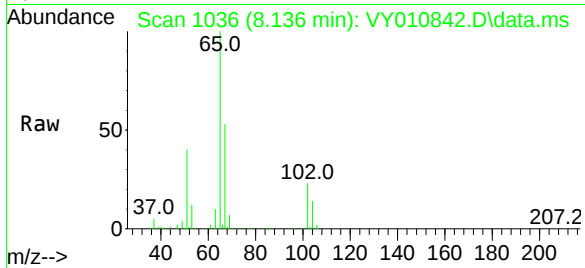




#33
 1,2-Dichloroethane-d4
 Concen: 64.612 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY010842.D
 Acq: 06 Oct 2022 14:14

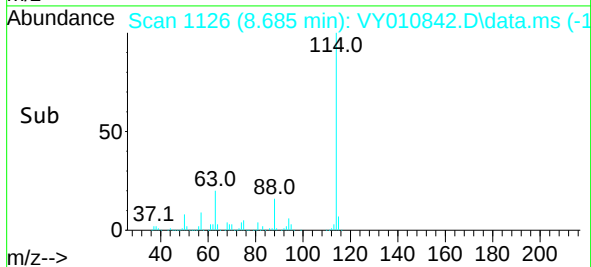
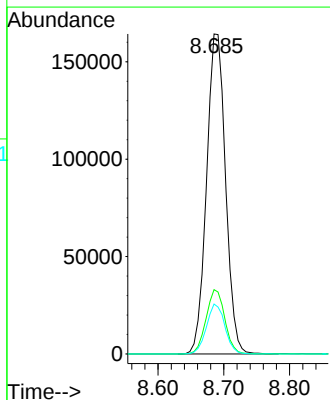
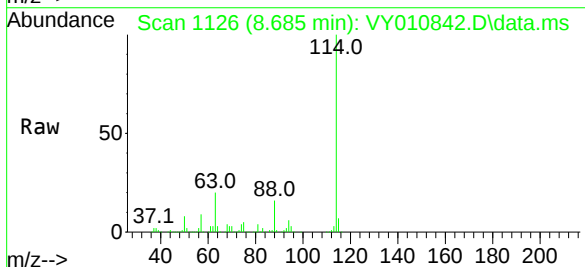
Instrument :
 MSVOA_Y
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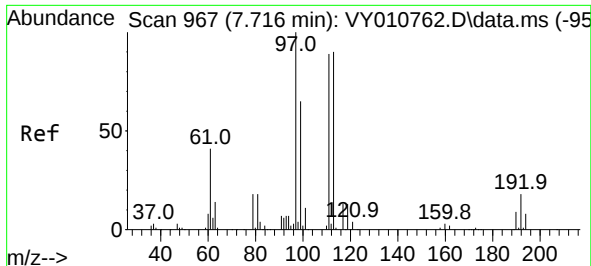
Tgt Ion: 65 Resp: 126730
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010842.D
 Acq: 06 Oct 2022 14:14

Tgt Ion: 114 Resp: 330141
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 15.6 0.0 31.8

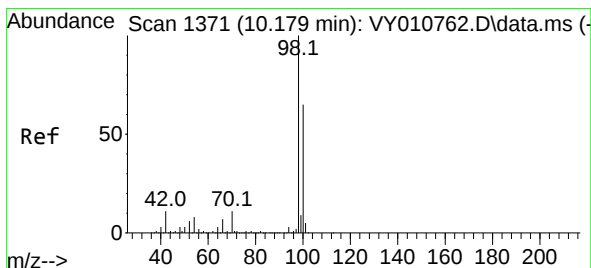
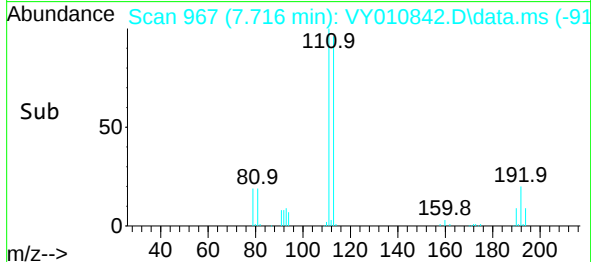
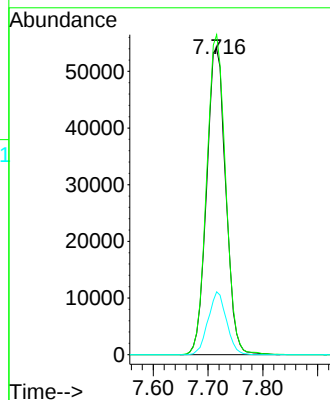
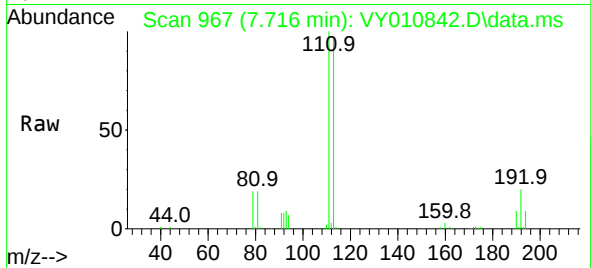




#35
Dibromofluoromethane
Concen: 59.741 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010842.D
Acq: 06 Oct 2022 14:14

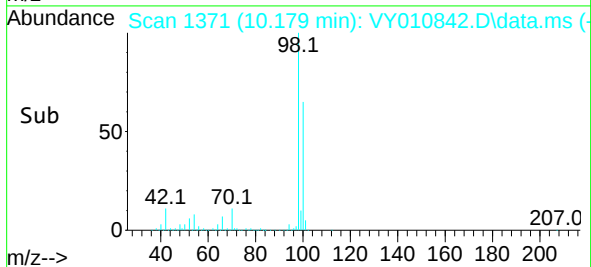
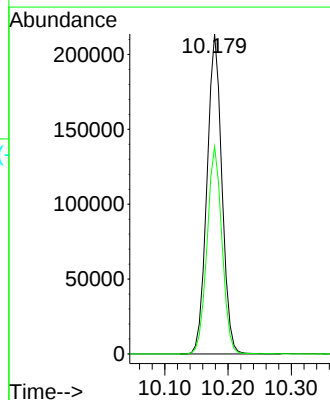
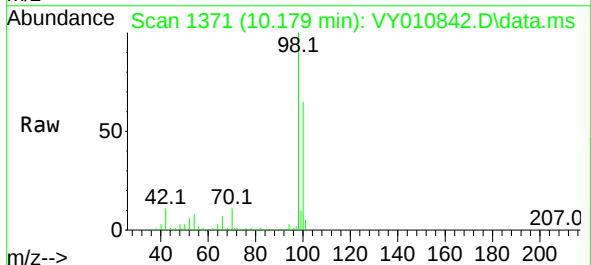
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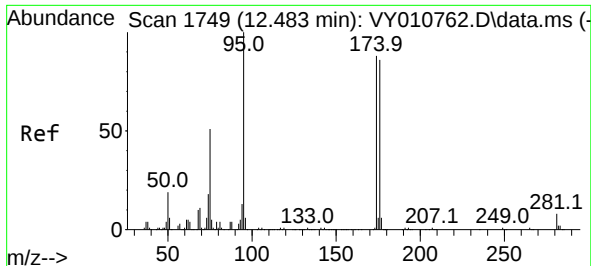
Tgt Ion:113 Resp: 130923
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 46.744 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010842.D
Acq: 06 Oct 2022 14:14

Tgt Ion: 98 Resp: 350329
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

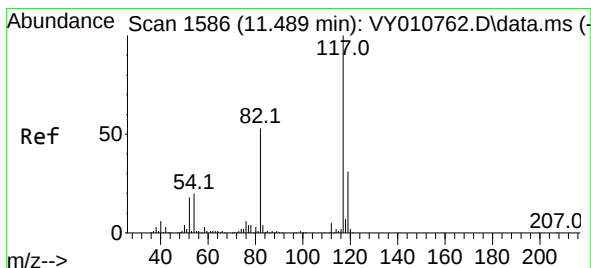
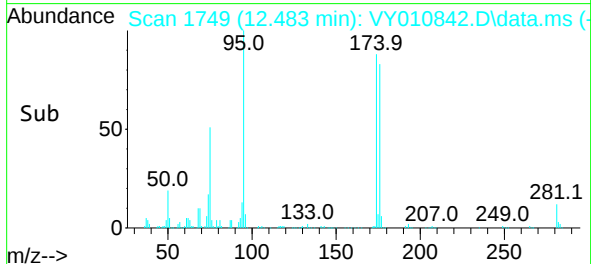
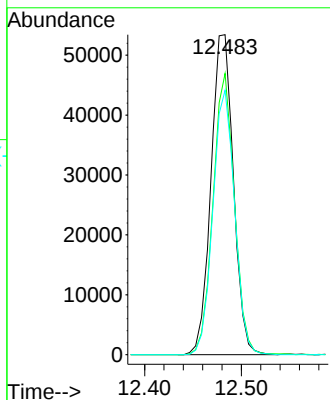
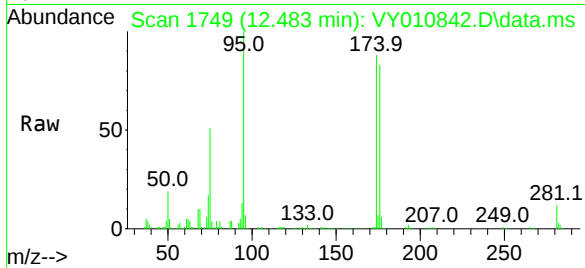




#62
4-Bromofluorobenzene
Concen: 27.738 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010842.D
Acq: 06 Oct 2022 14:14

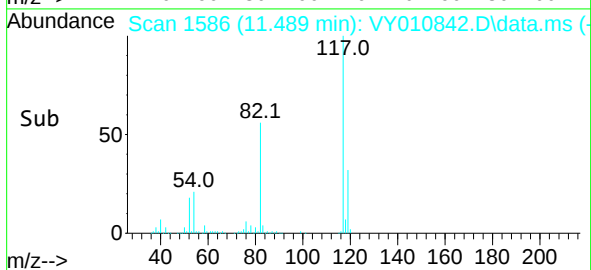
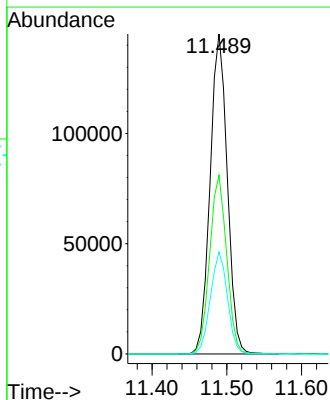
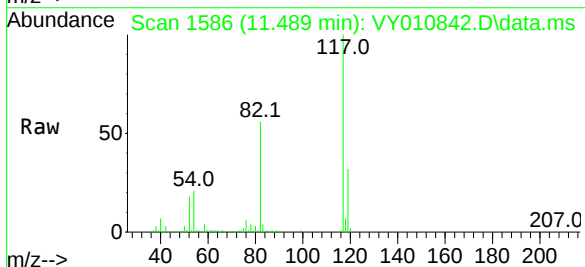
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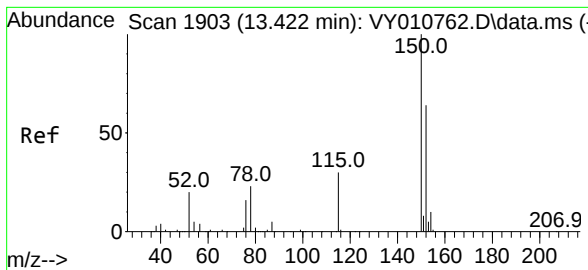
Tgt Ion: 95 Resp: 86014
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010842.D
Acq: 06 Oct 2022 14:14

Tgt Ion: 117 Resp: 231633
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010842.D
 Acq: 06 Oct 2022 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22015-18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.2	84.7
150	160.2	0.0	347.6

