

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016414.D
 Acq On : 17 Nov 2023 16:53
 Operator : SY/MD
 Sample : 05463-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-11162023

Quant Time: Nov 18 05:22:06 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)

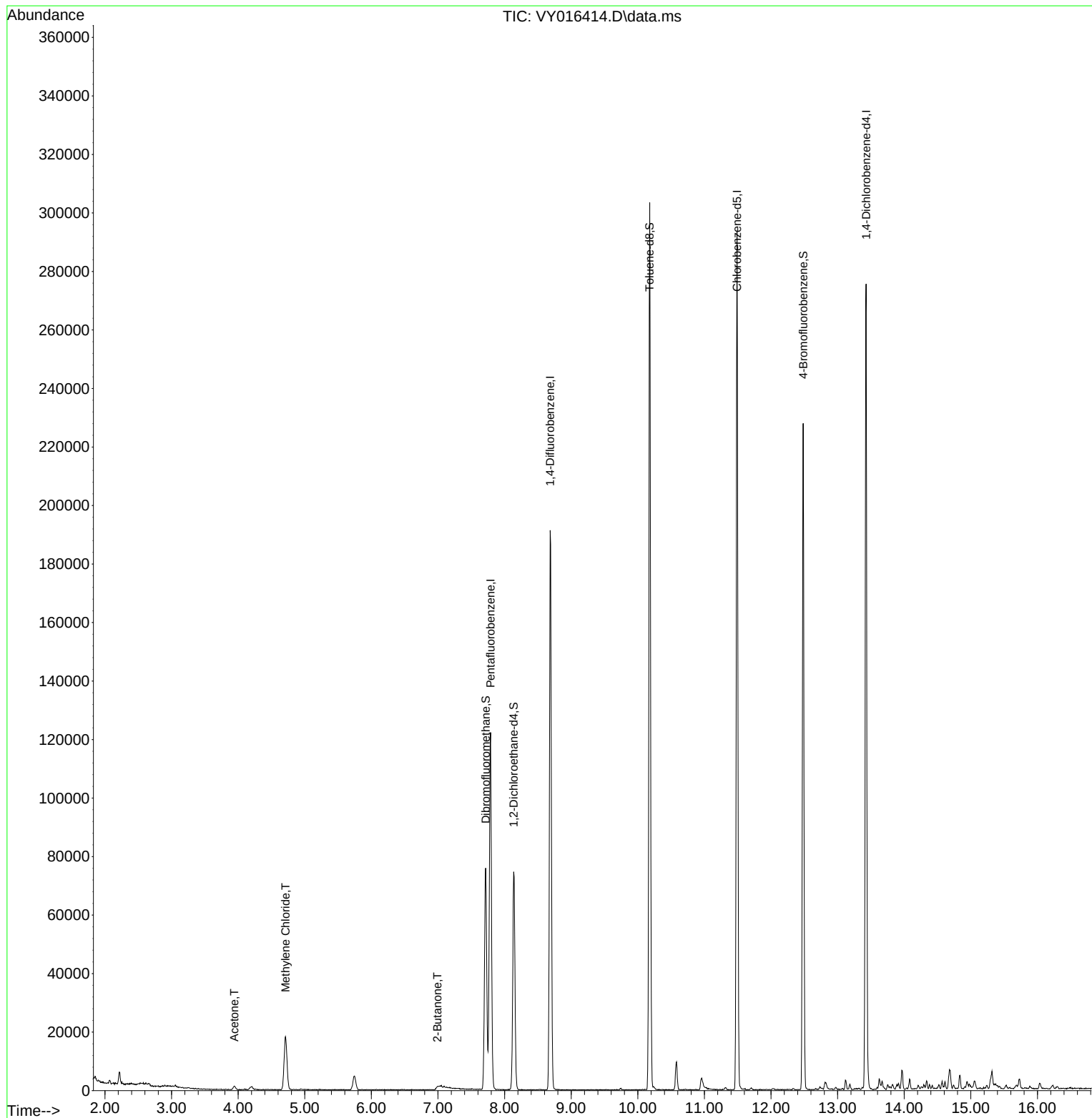
Internal Standards						
1) Pentafluorobenzene	7.789	168	94261	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	169116	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.490	117	163355	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	74928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58845	68.305	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.600%	
35) Dibromofluoromethane	7.716	113	53740	55.939	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.880%	
50) Toluene-d8	10.179	98	199496	51.208	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.483	95	67874	53.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.280%	
Target Compounds						Qvalue
16) Acetone	3.942	43	2152	15.101	ug/l #	86
20) Methylene Chloride	4.710	84	14782	12.041	ug/l #	84
25) 2-Butanone	6.990	43	1131	4.531	ug/l	100

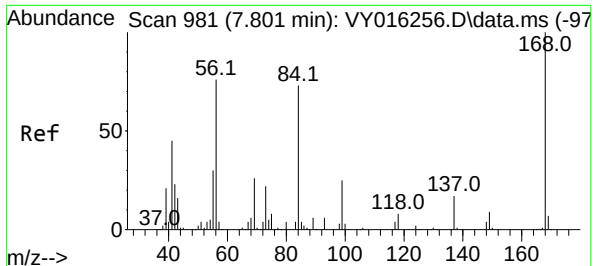
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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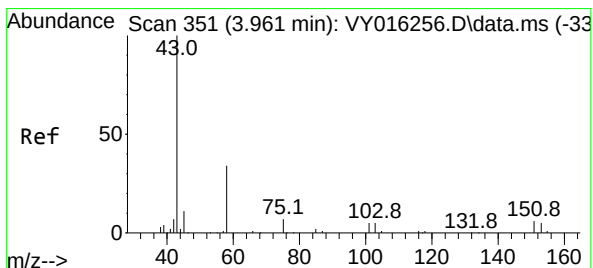
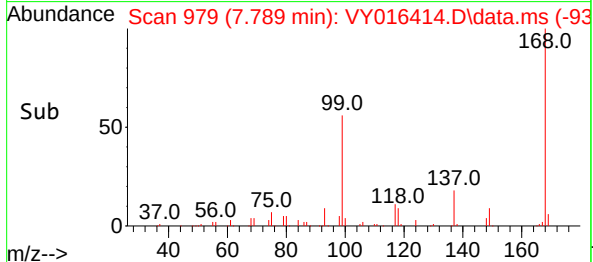
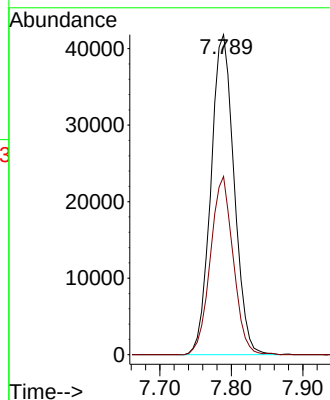
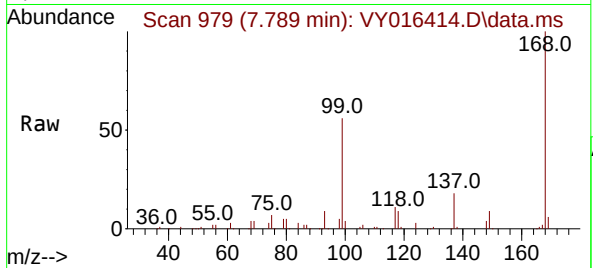




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

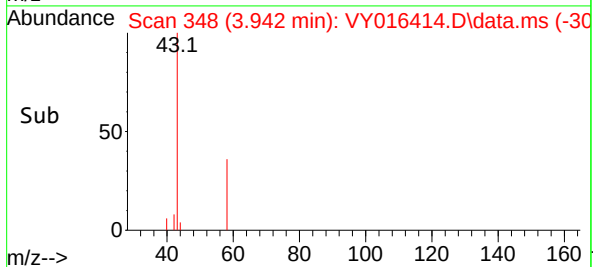
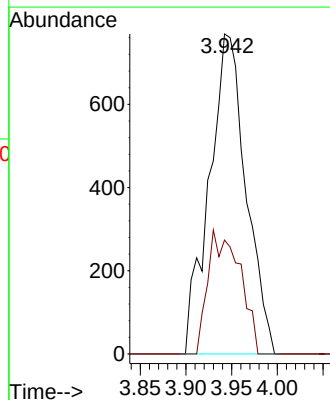
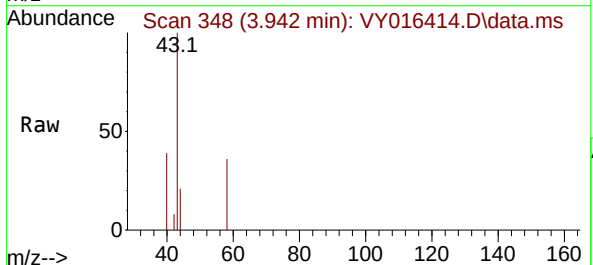
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-11162023

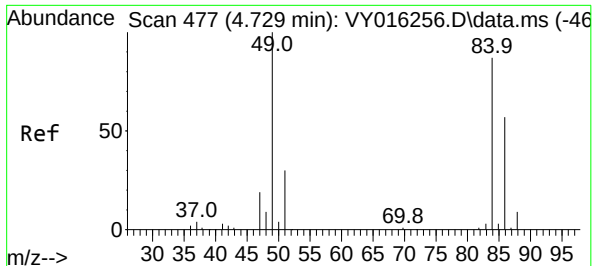
Tgt Ion:168 Resp: 94261
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 15.101 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Tgt Ion: 43 Resp: 2152
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#

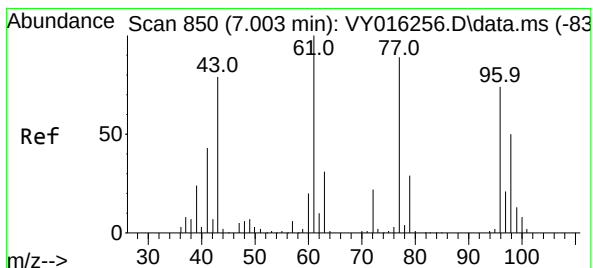
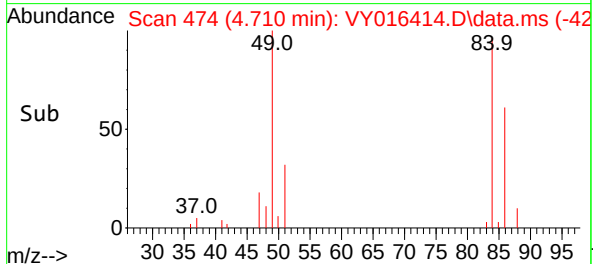
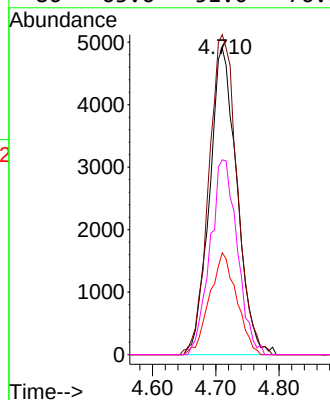
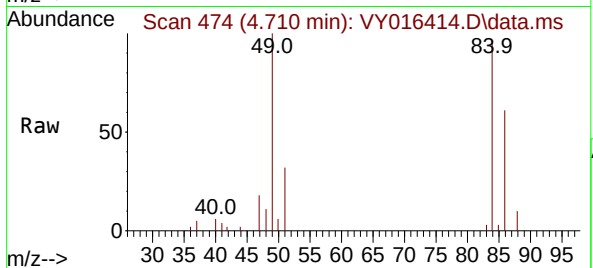




#20
Methylene Chloride
Concen: 12.041 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

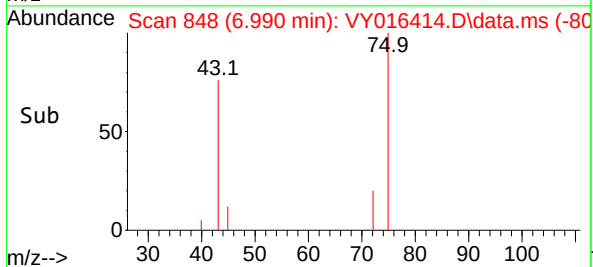
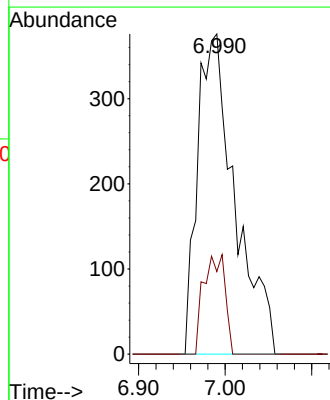
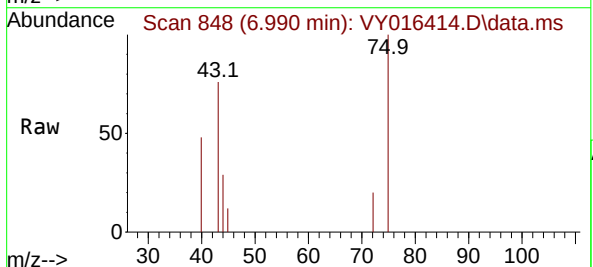
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-11162023

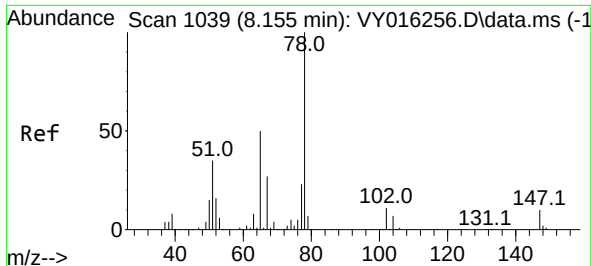
Tgt Ion:	84	Resp:	14782
Ion	Ratio	Lower	Upper
84	100		
49	104.5	106.9	160.3#
51	33.3	33.2	49.8
86	63.6	51.0	76.6



#25
2-Butanone
Concen: 4.531 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Tgt Ion:	43	Resp:	1131
Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.5	30.7

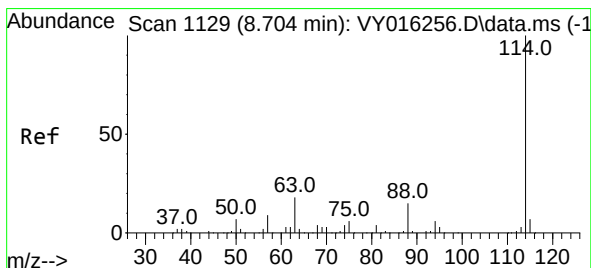
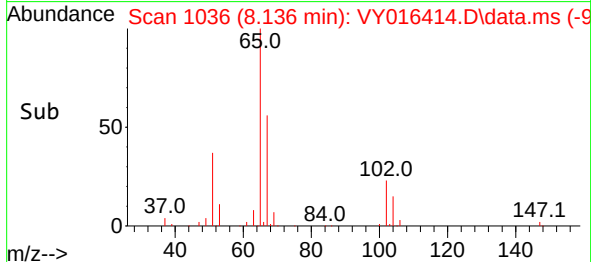
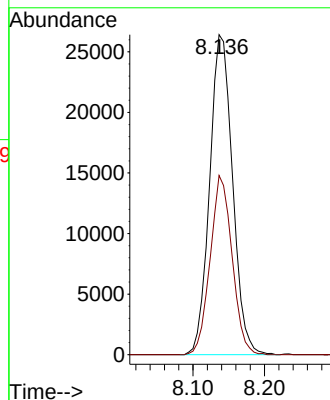
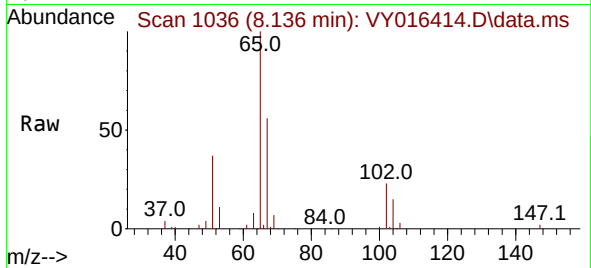




#33
 1,2-Dichloroethane-d4
 Concen: 68.305 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.018 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

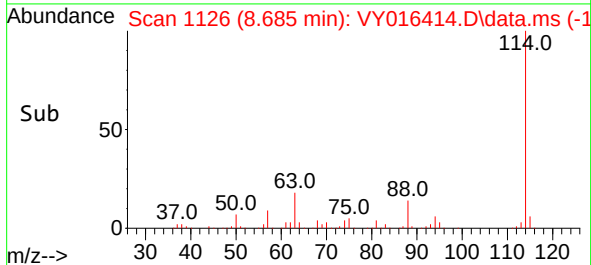
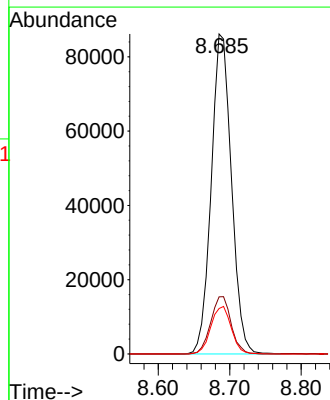
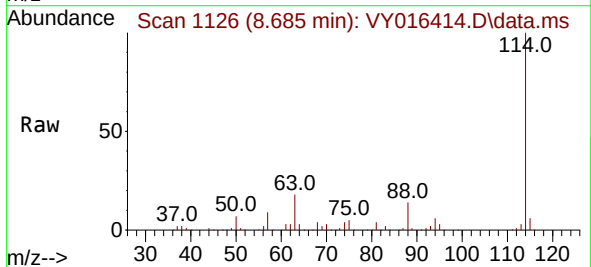
Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-11162023

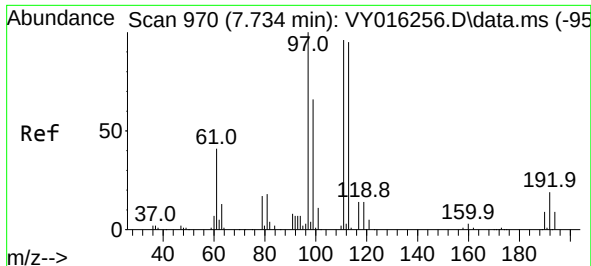
Tgt Ion: 65 Resp: 58845
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.018 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

Tgt Ion: 114 Resp: 169116
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 42.4
 88 14.2 0.0 30.6

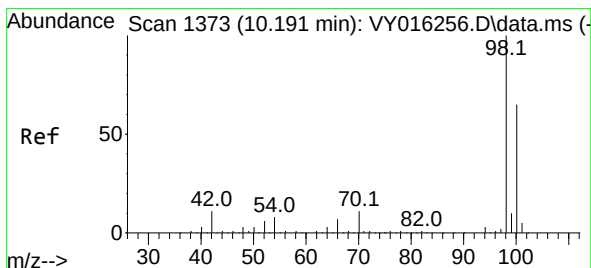
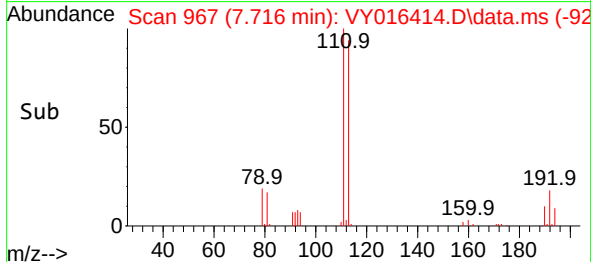
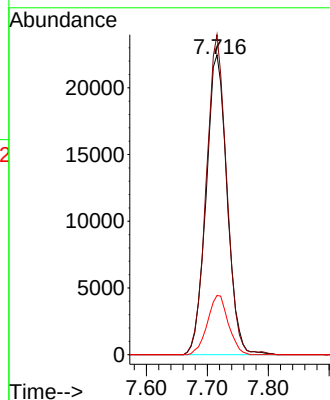
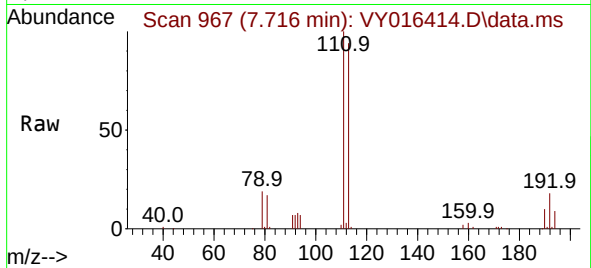




#35
Dibromofluoromethane
Concen: 55.939 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

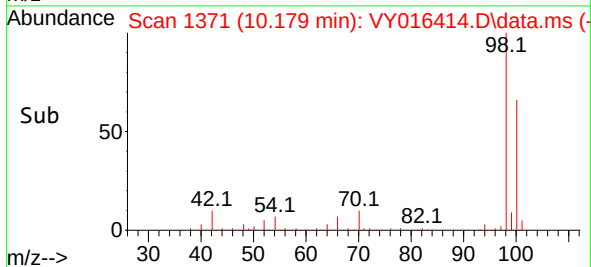
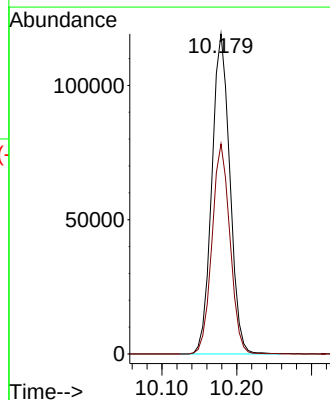
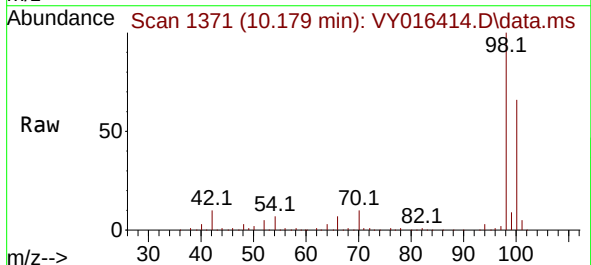
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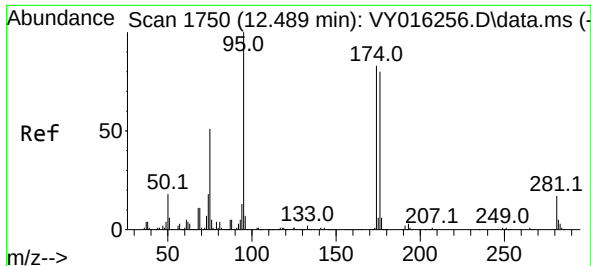
Tgt Ion:113 Resp: 53740
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

Tgt Ion: 98 Resp: 199496
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

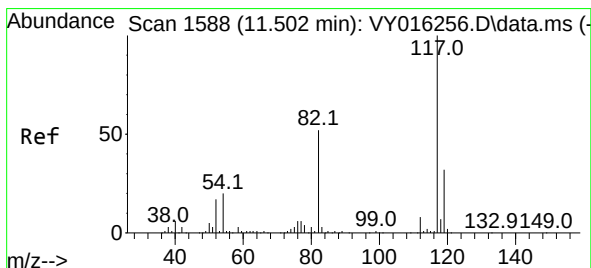
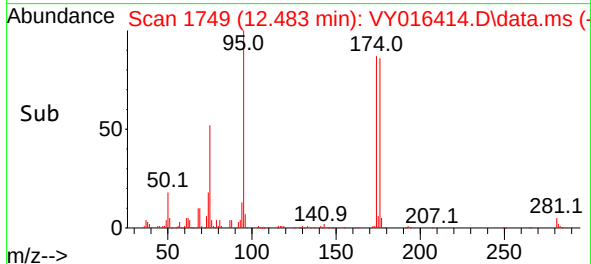
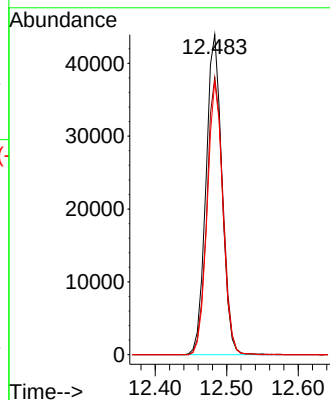
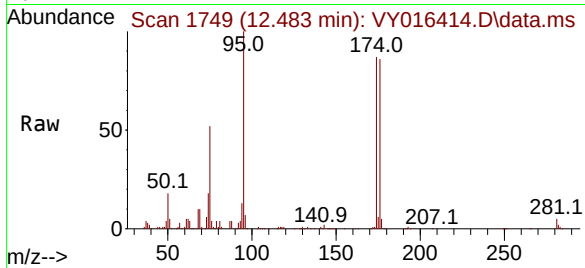




#62
4-Bromofluorobenzene
Concen: 53.643 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

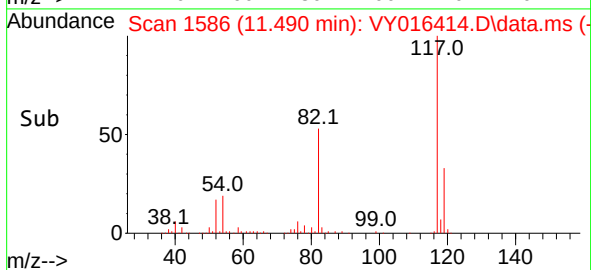
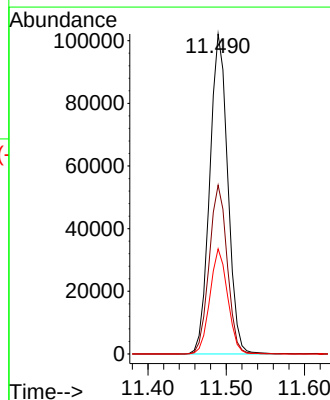
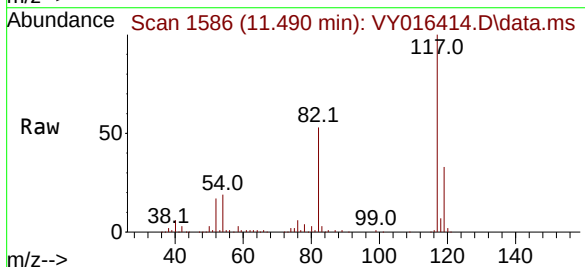
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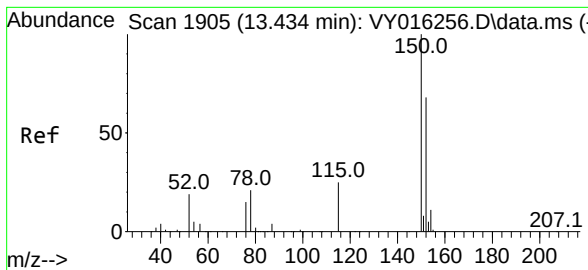
Tgt Ion: 95 Resp: 67874
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016414.D
Acq: 17 Nov 2023 16:53

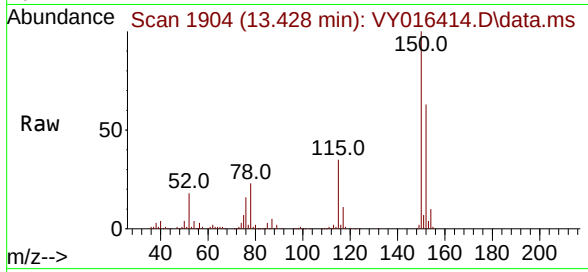
Tgt Ion: 117 Resp: 163355
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016414.D
 Acq: 17 Nov 2023 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-11162023



Tgt Ion:	152	Resp:	74928
Ion Ratio	Lower	Upper	
152	100		
115	56.8	28.8	86.5
150	156.1	0.0	348.8

