

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016320.D
 Acq On : 13 Nov 2023 12:20
 Operator : SY/MD
 Sample : 05376-01
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 204

Quant Time: Nov 14 04:37:20 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)

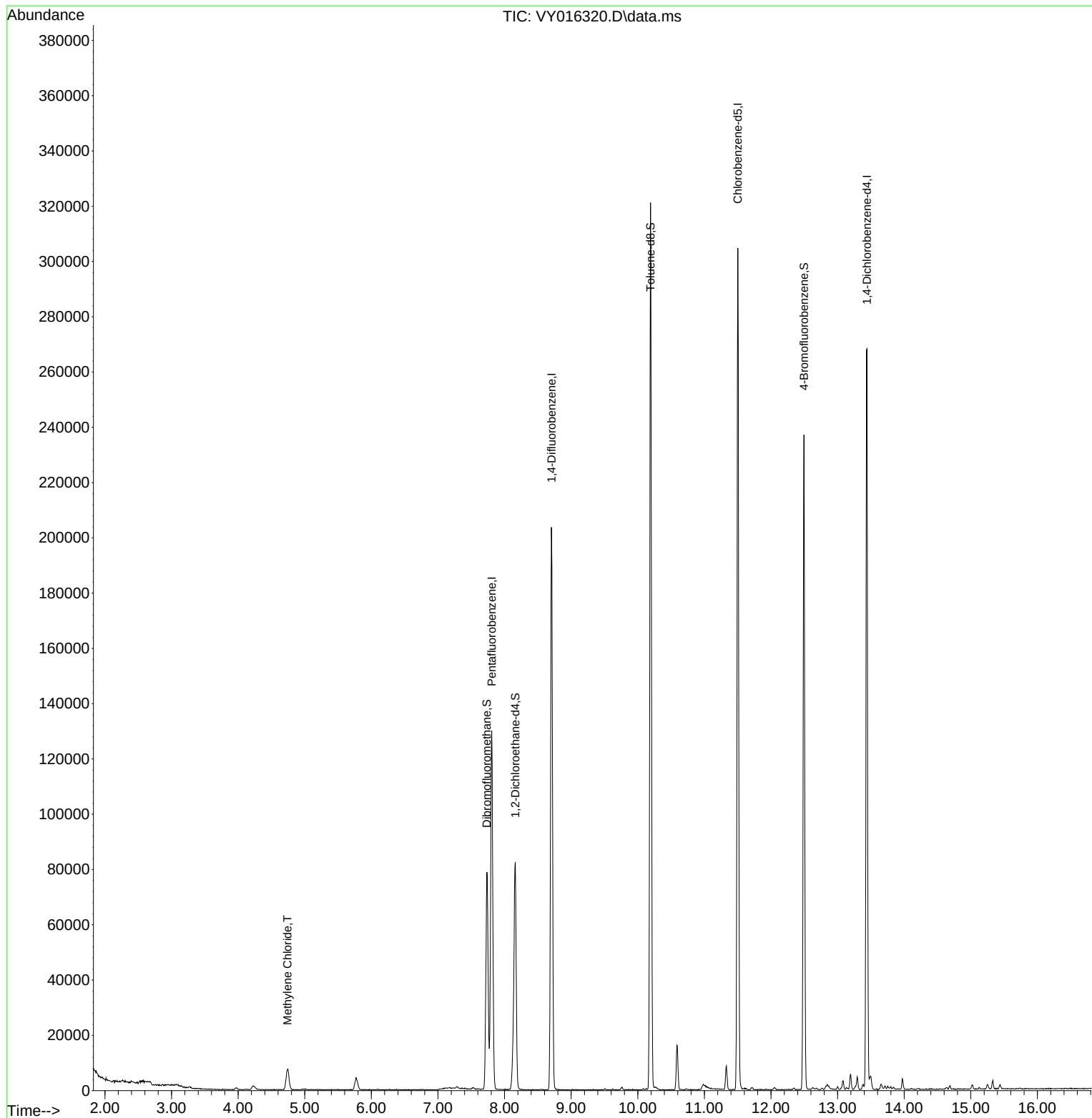
Internal Standards						
1) Pentafluorobenzene	7.807	168	102080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	182048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	71602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61194	65.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.180%	
35) Dibromofluoromethane	7.734	113	56124	54.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.191	98	211477	50.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.496	95	68802	50.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.020%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.741	84	6371	2.540	ug/l	# 75

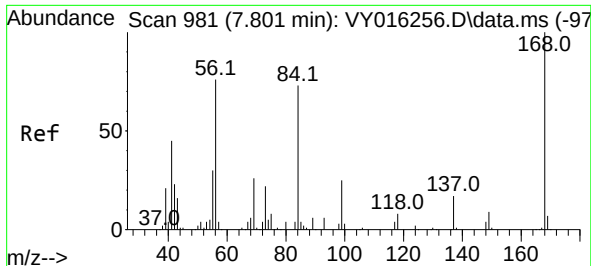
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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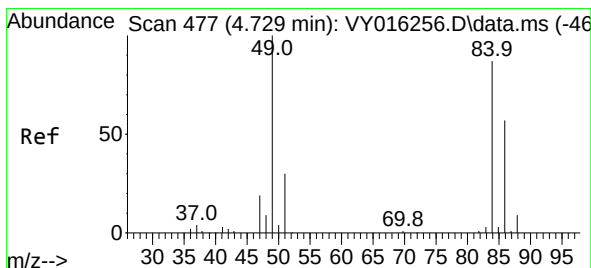
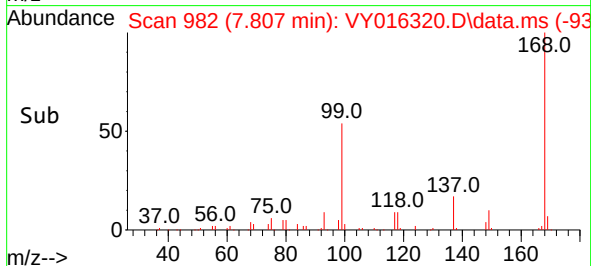
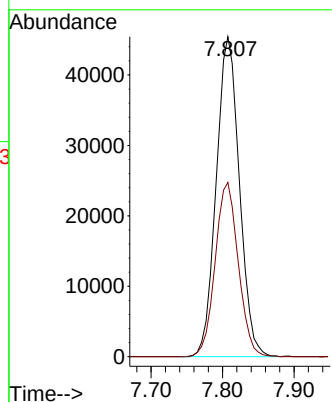
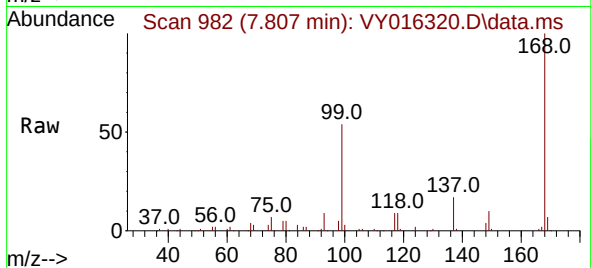




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

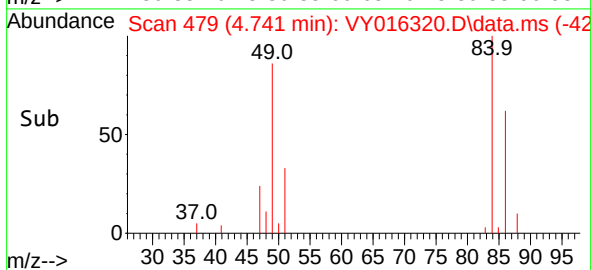
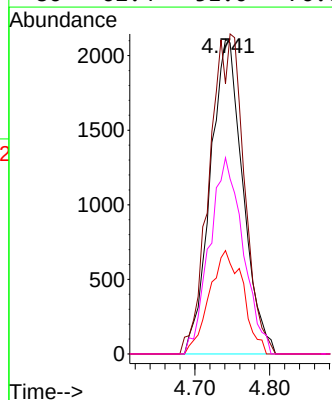
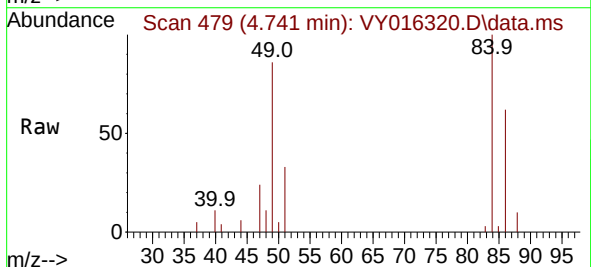
Instrument :
MSVOA_Y
ClientSampleId :
204

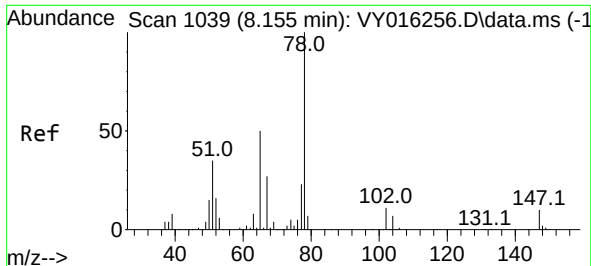
Tgt Ion:168 Resp: 102080
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 2.540 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

Tgt Ion: 84 Resp: 6371
Ion Ratio Lower Upper
84 100
49 85.9 106.9 160.3#
51 32.9 33.2 49.8#
86 62.4 51.0 76.6

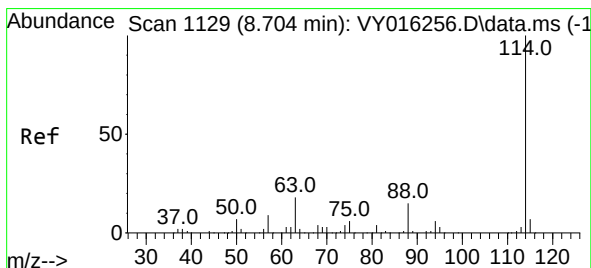
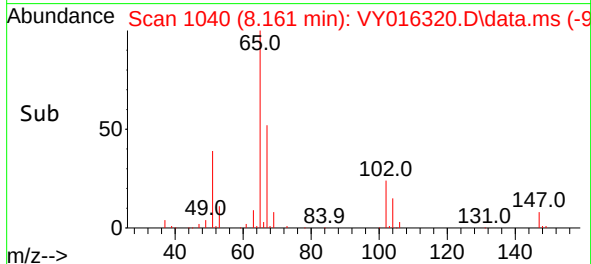
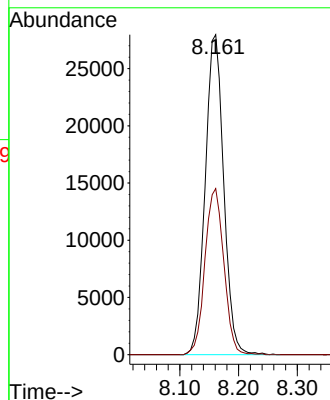
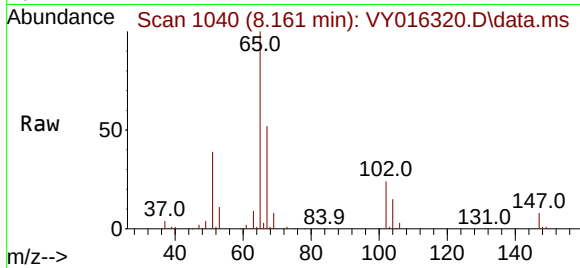




#33
 1,2-Dichloroethane-d4
 Concen: 65.590 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY016320.D
 Acq: 13 Nov 2023 12:20

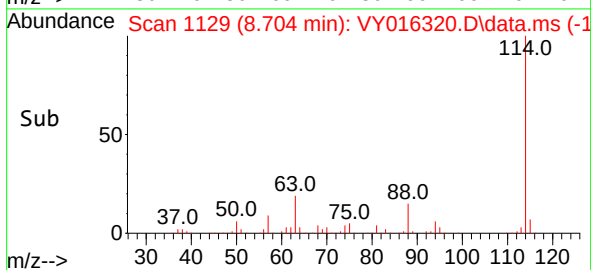
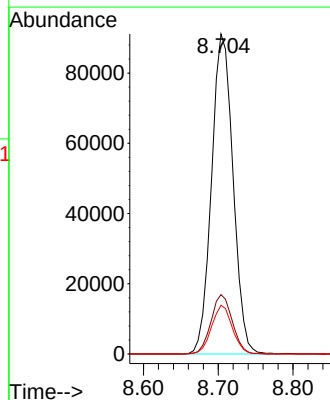
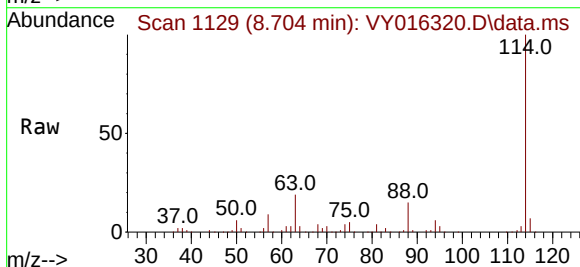
Instrument :
 MSVOA_Y
 ClientSampleId :
 204

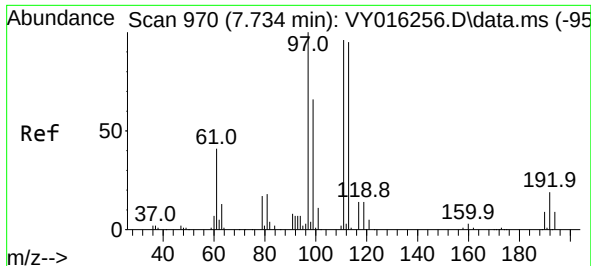
Tgt Ion: 65 Resp: 61194
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016320.D
 Acq: 13 Nov 2023 12:20

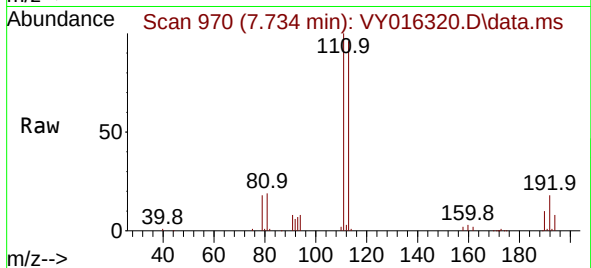
Tgt Ion: 114 Resp: 182048
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 42.4
 88 15.2 0.0 30.6





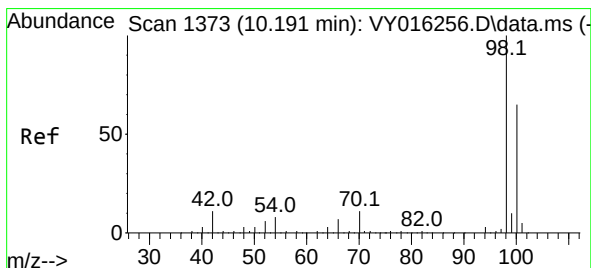
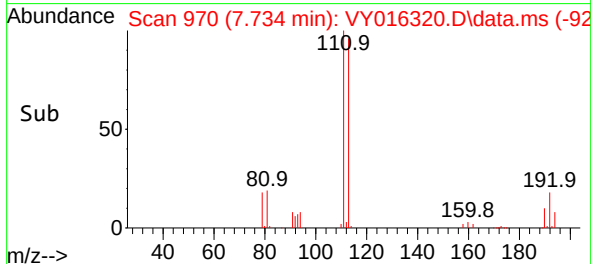
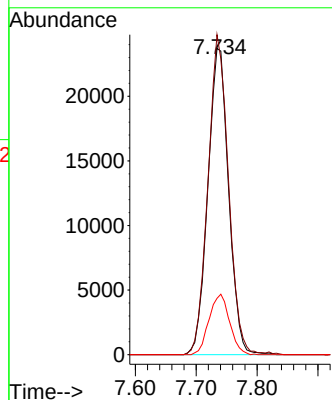
#35
 Dibromofluoromethane
 Concen: 54.271 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY016320.D
 Acq: 13 Nov 2023 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 204



Tgt Ion:113 Resp: 56124

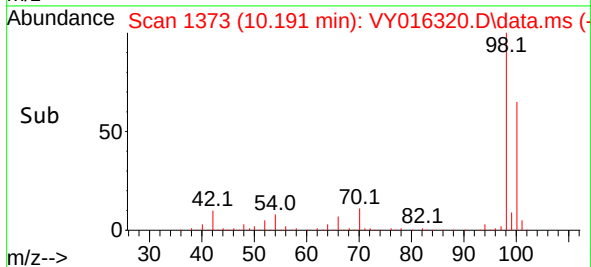
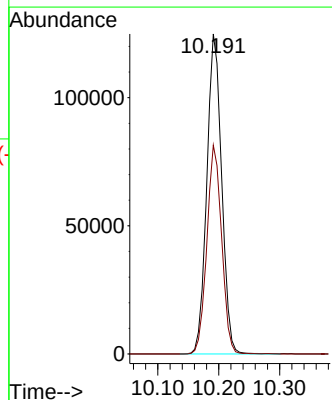
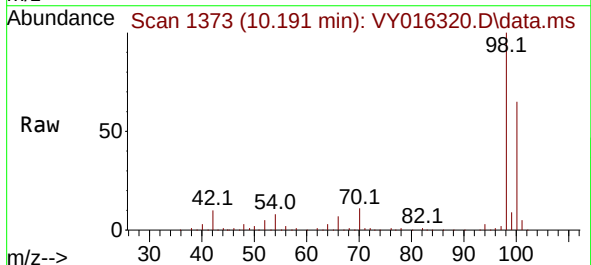
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	19.6	16.9	25.3

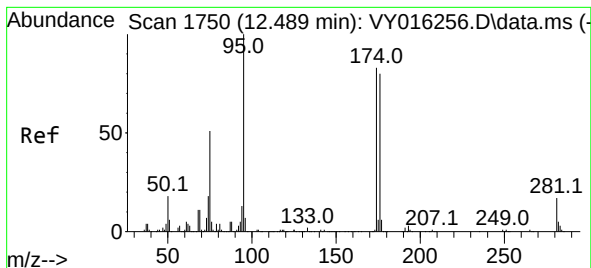


#50
 Toluene-d8
 Concen: 50.428 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016320.D
 Acq: 13 Nov 2023 12:20

Tgt Ion: 98 Resp: 211477

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.1	75.1

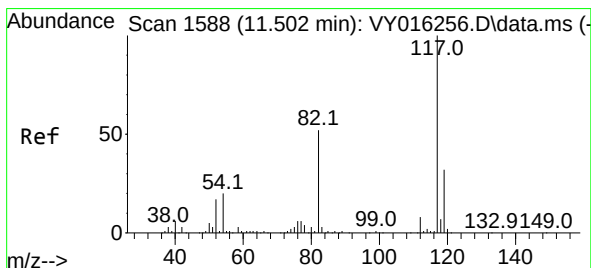
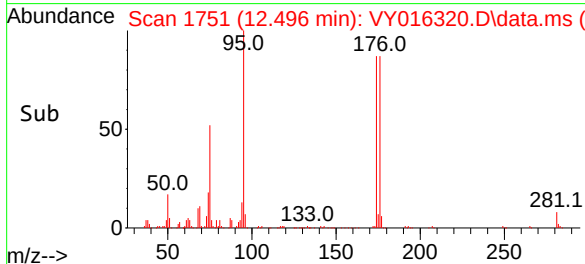
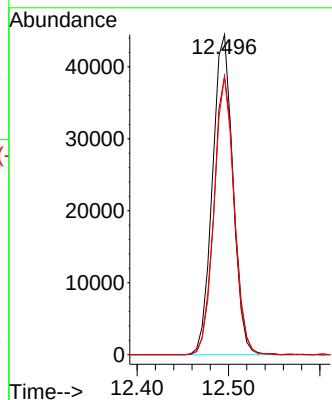
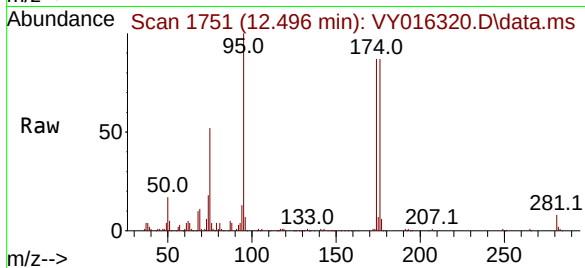




#62
4-Bromofluorobenzene
Concen: 50.514 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

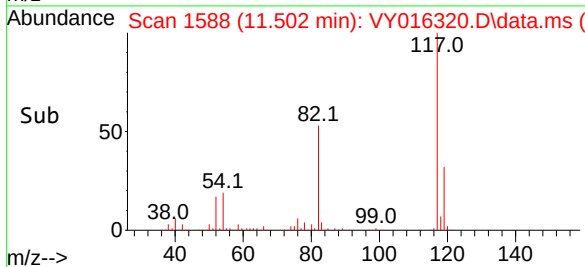
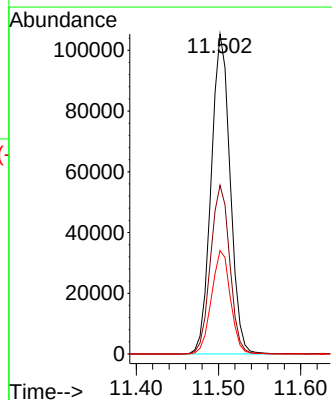
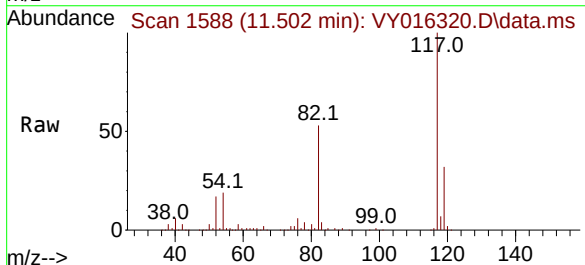
Instrument :
MSVOA_Y
ClientSampleId :
204

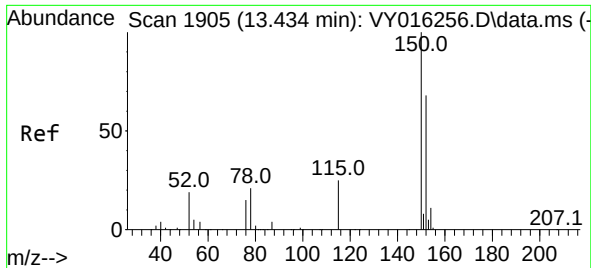
Tgt Ion: 95 Resp: 68802
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016320.D
Acq: 13 Nov 2023 12:20

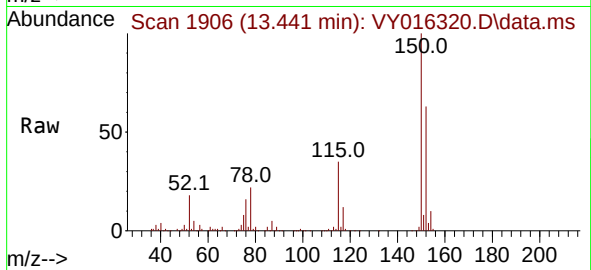
Tgt Ion: 117 Resp: 169274
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.441 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016320.D
 Acq: 13 Nov 2023 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 204



Tgt Ion:	152	Resp:	71602
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.8	86.5
150	159.3	0.0	348.8

