

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017123.D
 Acq On : 26 Jan 2024 15:59
 Operator : SY/MD
 Sample : P1247-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012424RE

Quant Time: Jan 29 04:18:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

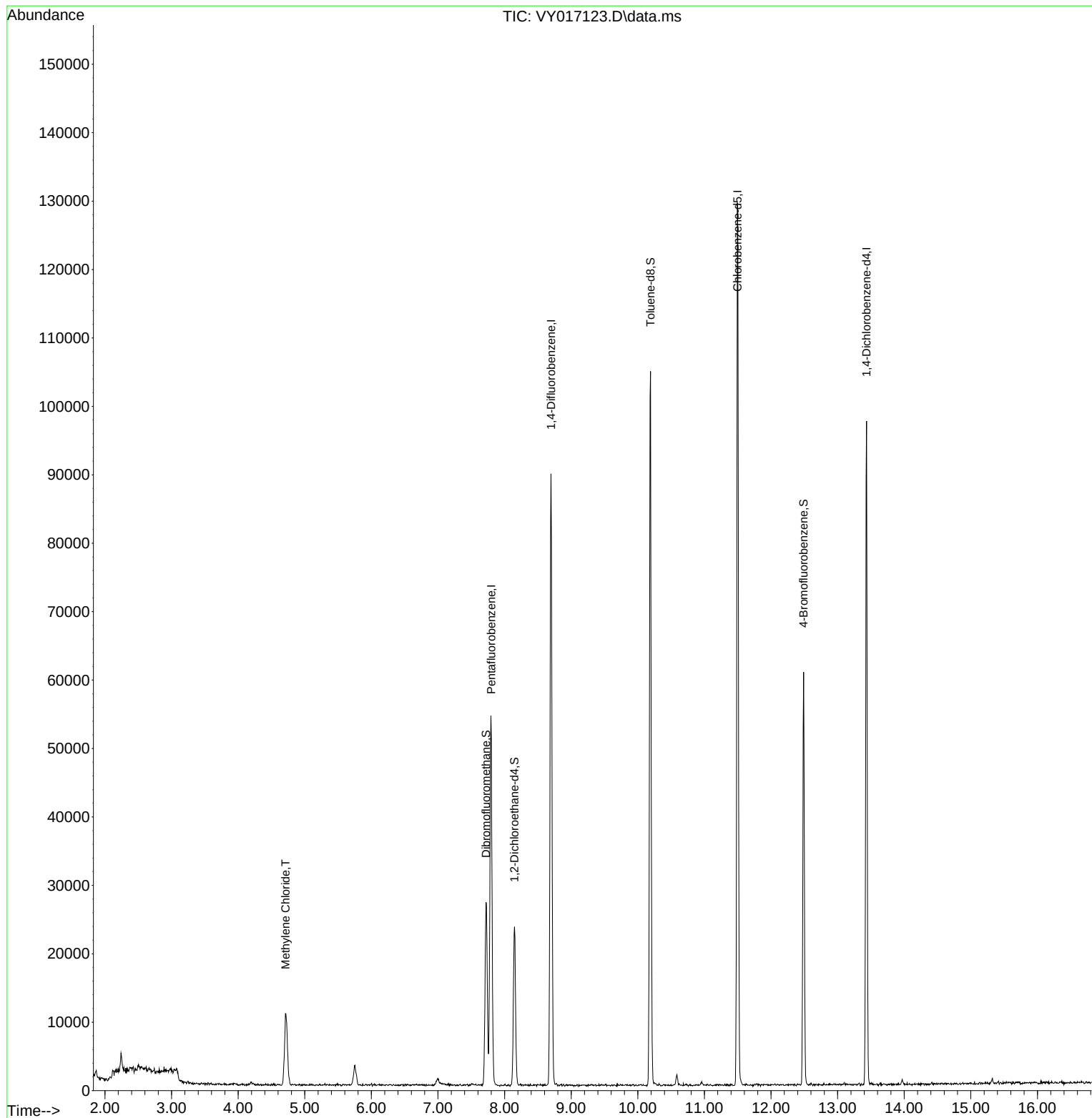
Internal Standards						
1) Pentafluorobenzene	7.801	168	40726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	70874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	24350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17757	44.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.500%
35) Dibromofluoromethane	7.722	113	19860	43.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.020%
50) Toluene-d8	10.191	98	68076	39.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.060%
62) 4-Bromofluorobenzene	12.489	95	18868	35.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.240%
Target Compounds						
20) Methylene Chloride	4.710	84	7628	12.766	ug/l	Qvalue 96

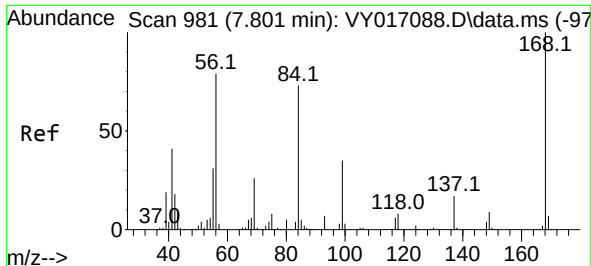
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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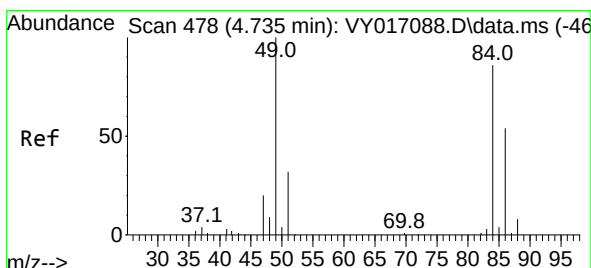
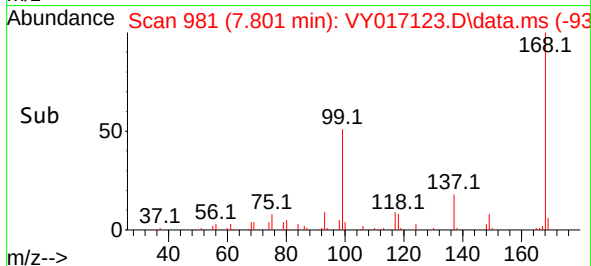
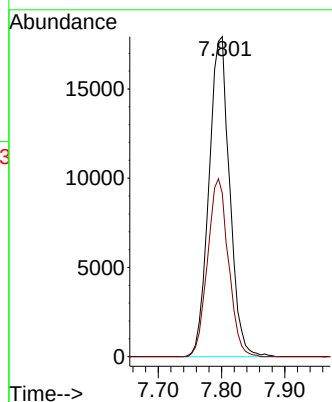
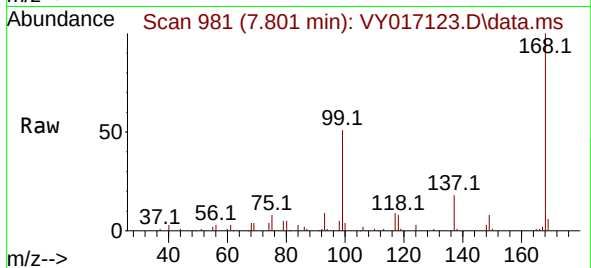




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

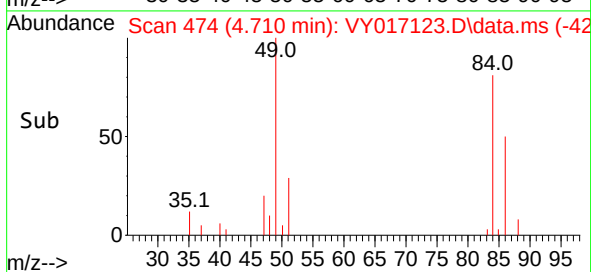
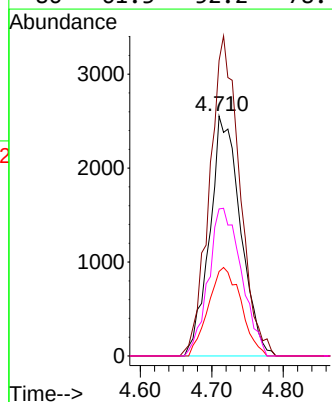
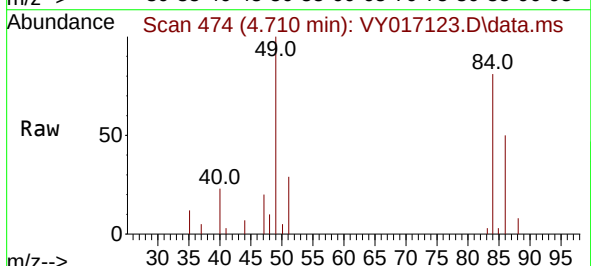
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

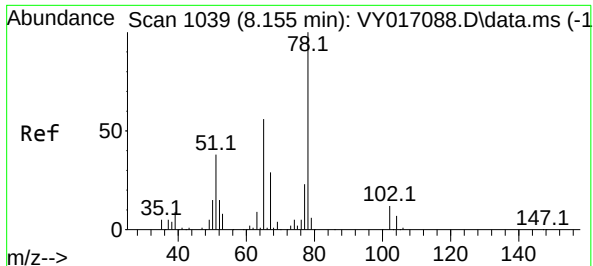
Tgt Ion:168 Resp: 40726
Ion Ratio Lower Upper
168 100
99 51.1 44.2 66.4



#20
Methylene Chloride
Concen: 12.766 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.024 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion: 84 Resp: 7628
Ion Ratio Lower Upper
84 100
49 123.2 95.2 142.8
51 35.3 29.9 44.9
86 61.3 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 44.751 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

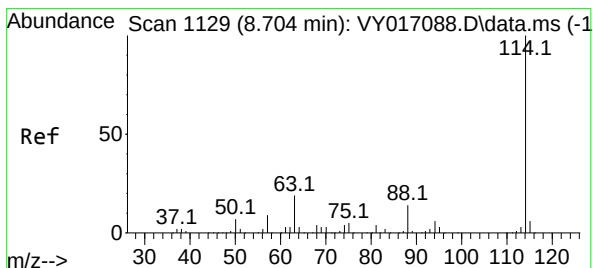
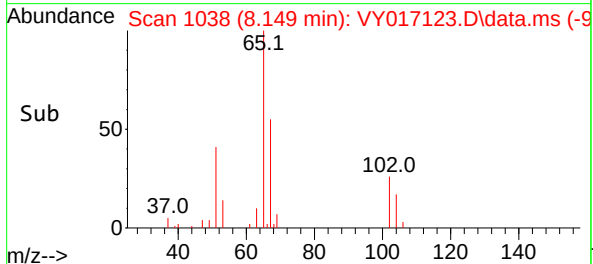
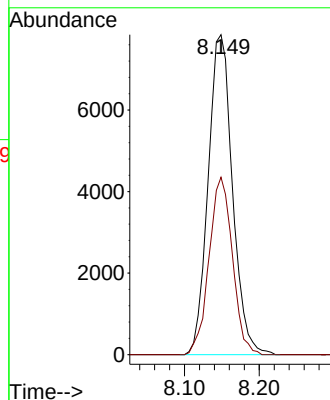
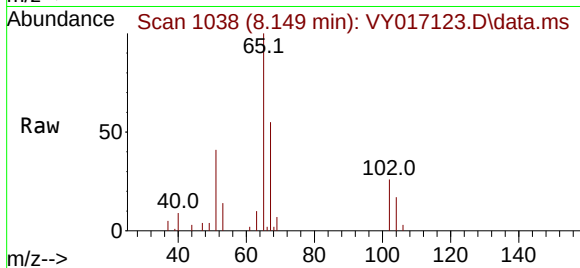
CL-02-012424RE

Tgt Ion: 65 Resp: 17757

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017123.D

Acq: 26 Jan 2024 15:59

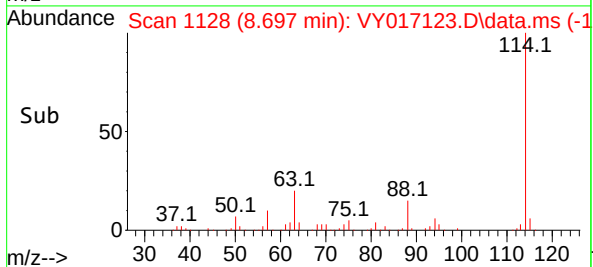
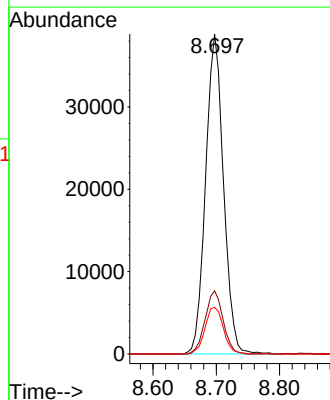
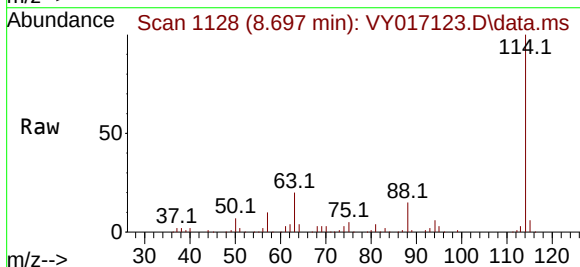
Tgt Ion: 114 Resp: 76510

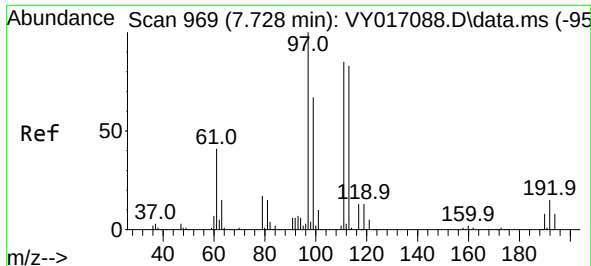
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

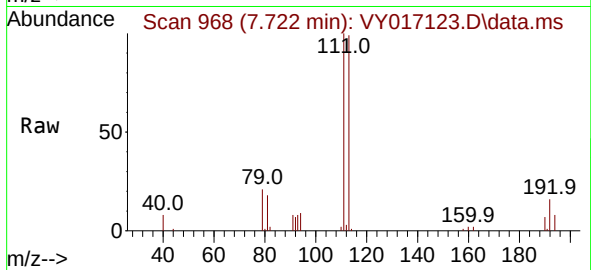
88 14.5 0.0 29.0



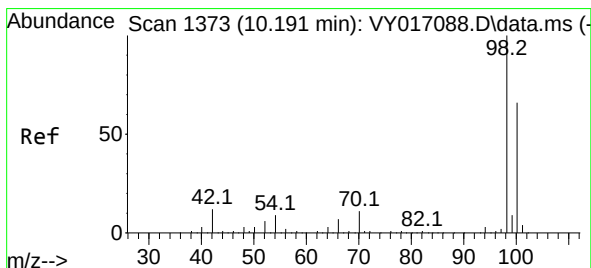
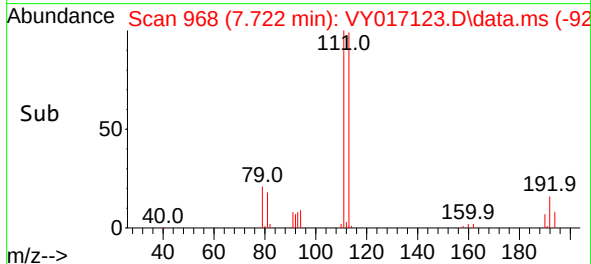
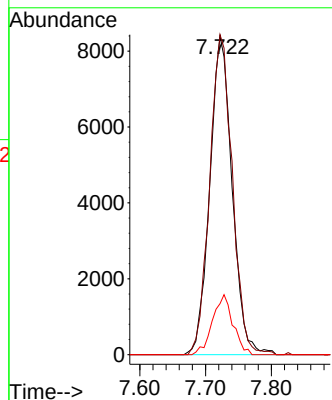


#35
Dibromofluoromethane
Concen: 43.008 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

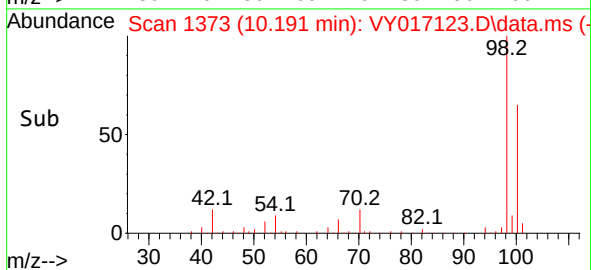
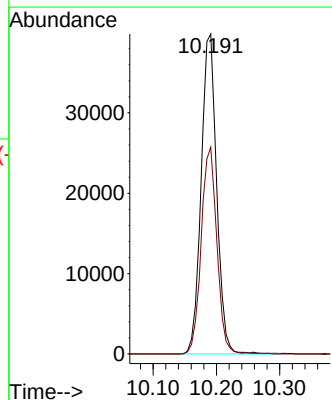
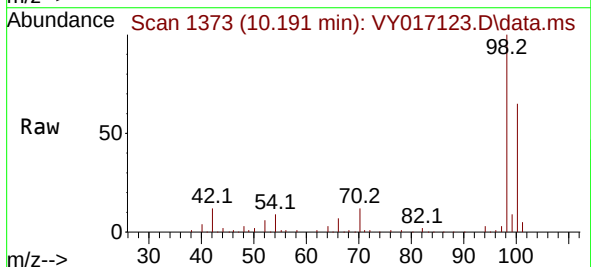


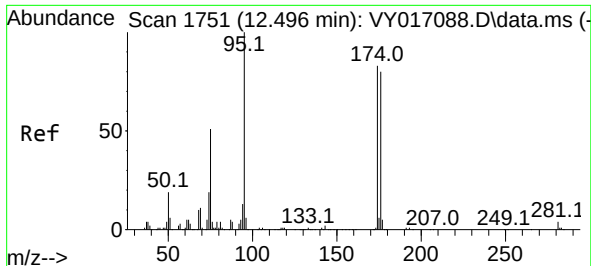
Tgt Ion:	113	Resp:	19860
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	17.2	14.5	21.7



#50
Toluene-d8
Concen: 39.032 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion:	98	Resp:	68076
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5

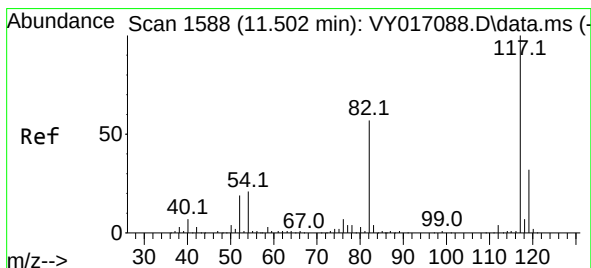
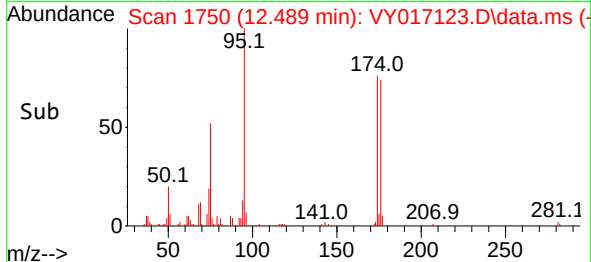
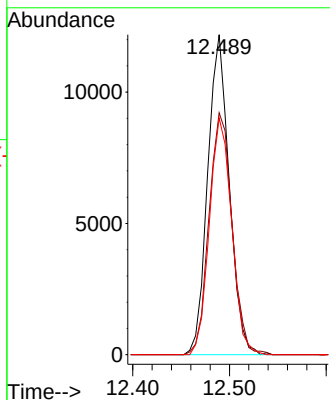
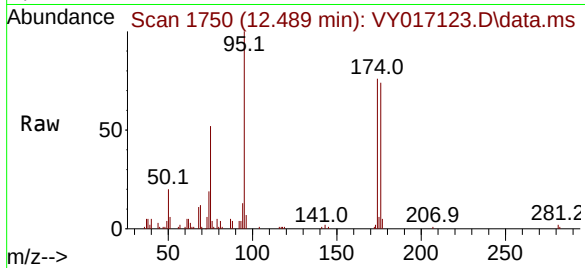




#62
4-Bromofluorobenzene
Concen: 35.117 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

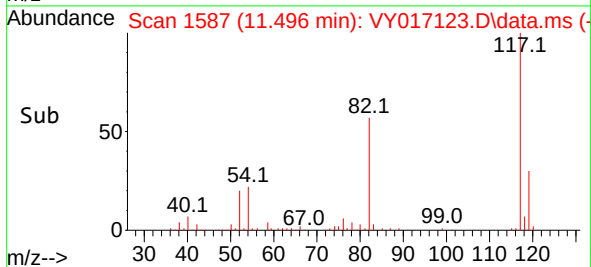
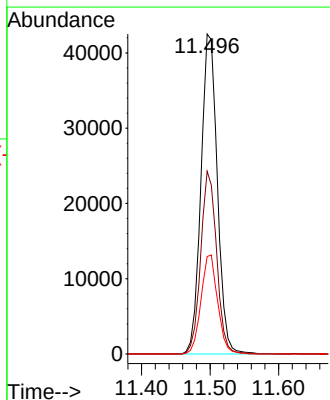
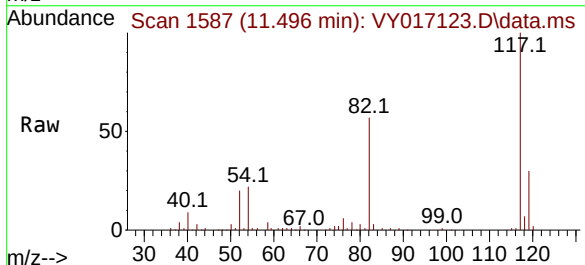
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-012424RE

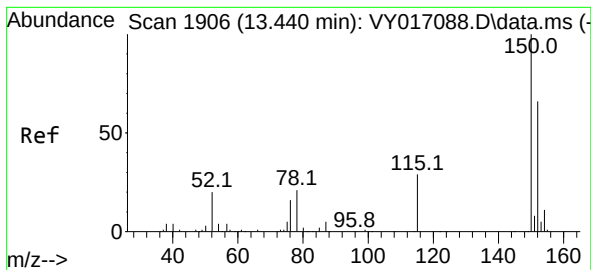
Tgt Ion: 95	Resp:	18868
Ion Ratio	Lower	Upper
95	100	
174	80.8	0.0 160.0
176	76.3	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017123.D
Acq: 26 Jan 2024 15:59

Tgt Ion: 117	Resp:	70874
Ion Ratio	Lower	Upper
117	100	
82	57.1	43.8 65.8
119	30.5	26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017123.D
 Acq: 26 Jan 2024 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-012424RE

Tgt Ion:152 Resp: 24350
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.0 90.0
 150 158.9 0.0 344.6

