

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017313.D
 Acq On : 08 Feb 2024 15:22
 Operator : SY/MD
 Sample : P1337-17
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Feb 08 15:40:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

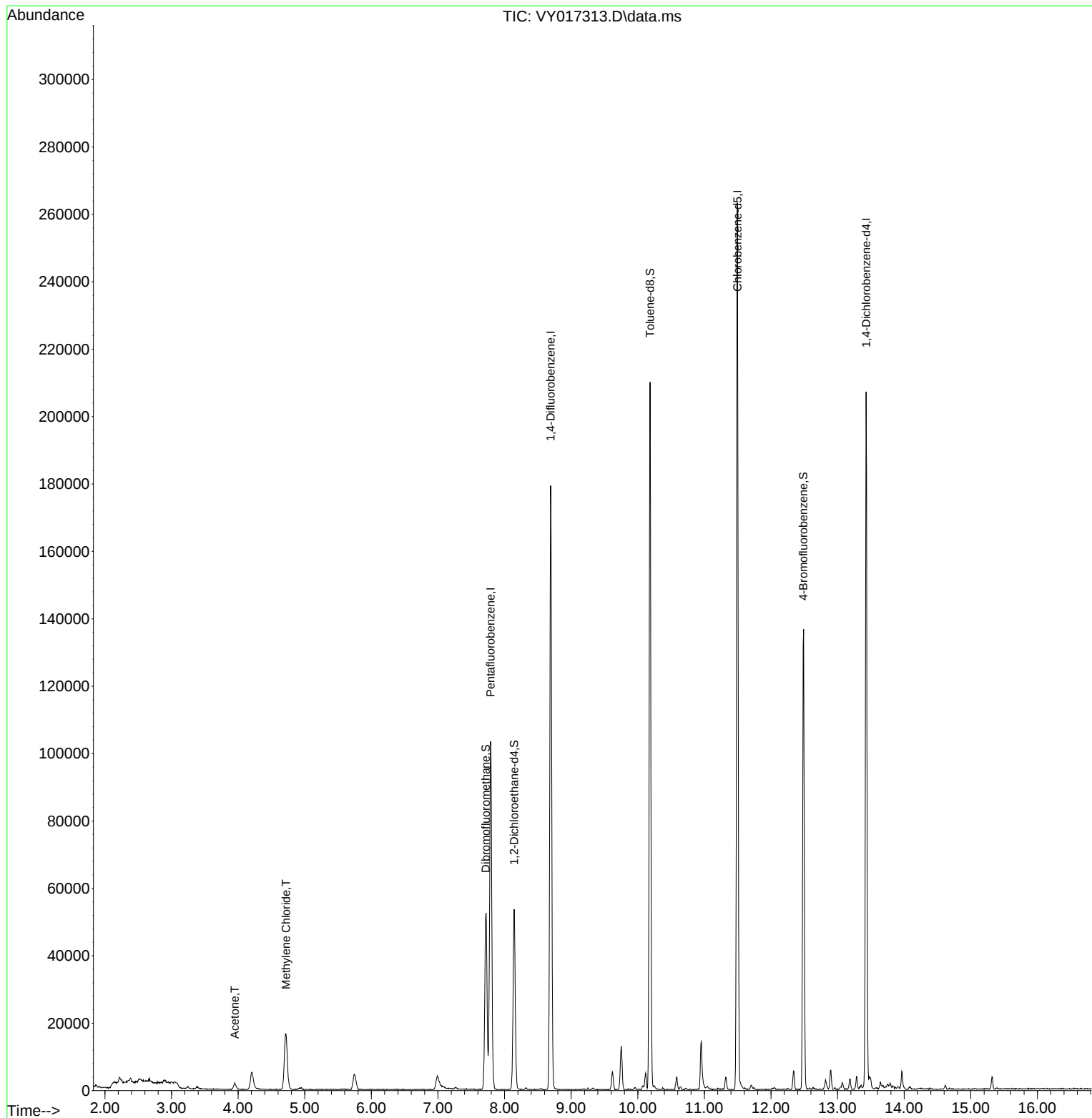
Internal Standards						
1) Pentafluorobenzene	7.789	168	76996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	137547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39639	57.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.716	113	38102	46.618	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.185	98	134304	45.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.483	95	38299	39.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.580%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3338	16.511	ug/l #	82
20) Methylene Chloride	4.716	84	12622	12.625	ug/l	99

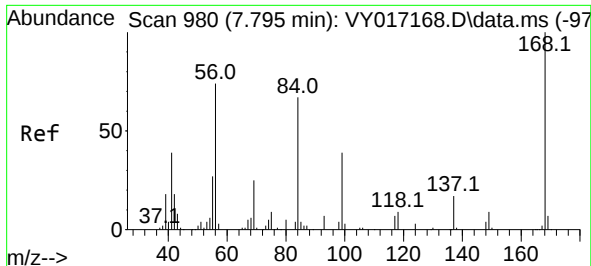
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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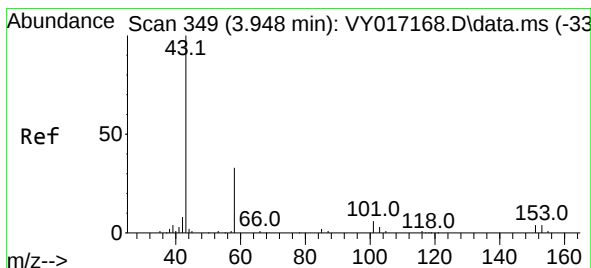
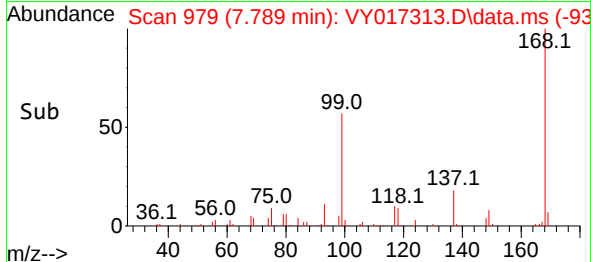
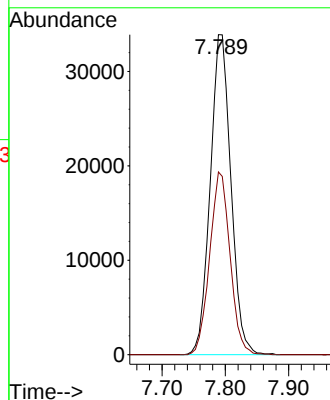
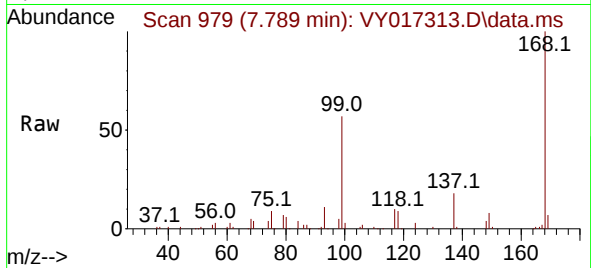




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

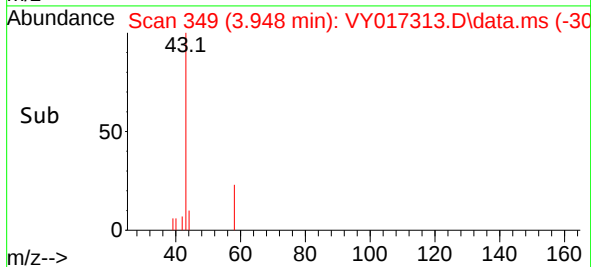
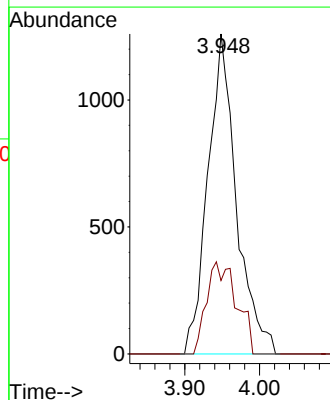
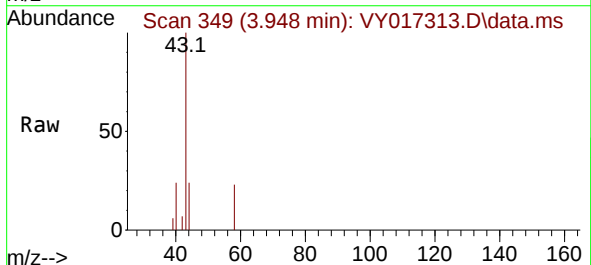
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

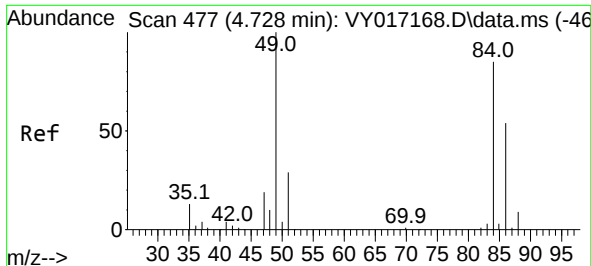
Tgt Ion:168 Resp: 76996
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: 16.511 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

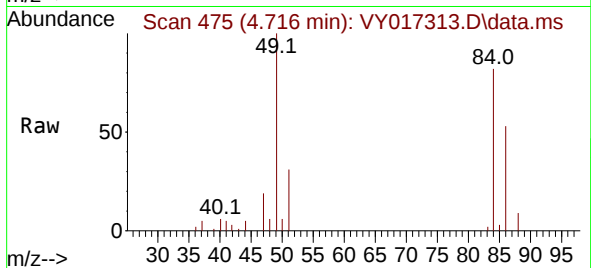
Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
58 22.9 26.6 39.8#



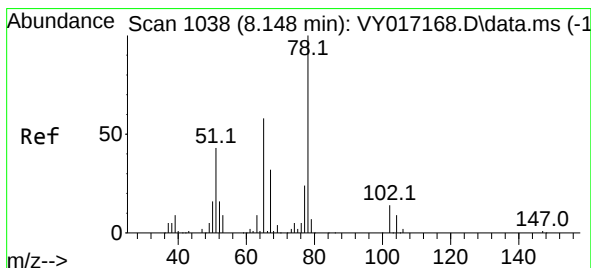
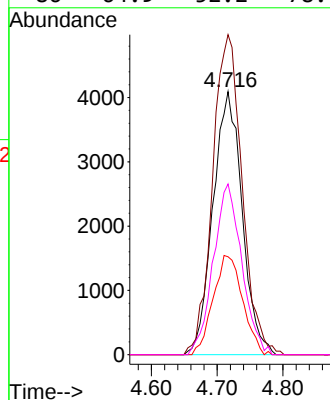
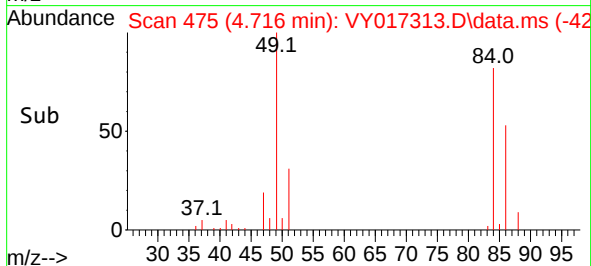


#20
Methylene Chloride
Concen: 12.625 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

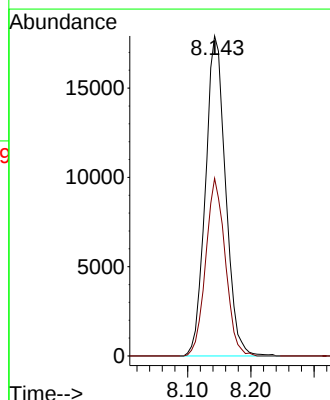
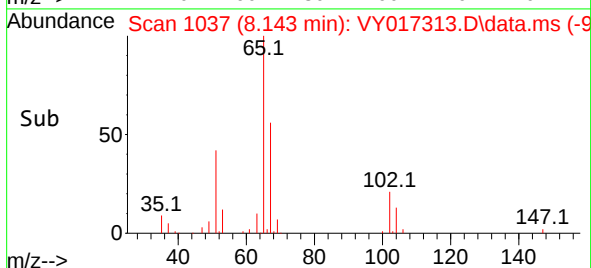
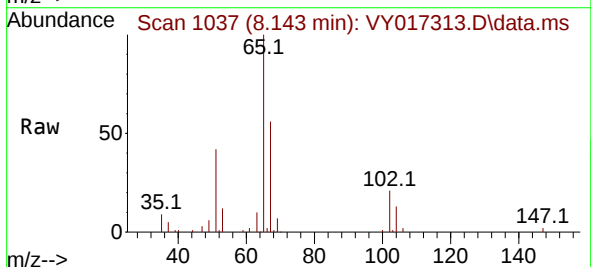


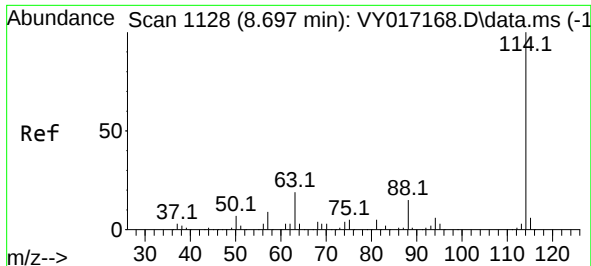
Tgt Ion:	84	Resp:	12622
Ion	Ratio	Lower	Upper
84	100		
49	121.7	95.2	142.8
51	37.2	29.9	44.9
86	64.9	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 57.629 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

Tgt Ion:	65	Resp:	39639
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017313.D

Acq: 08 Feb 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

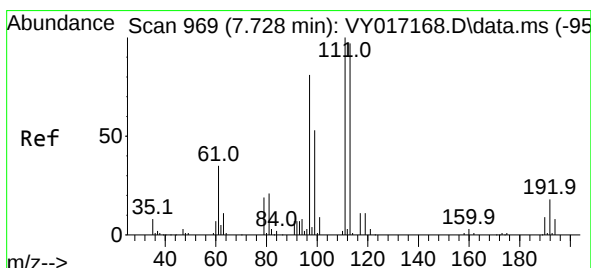
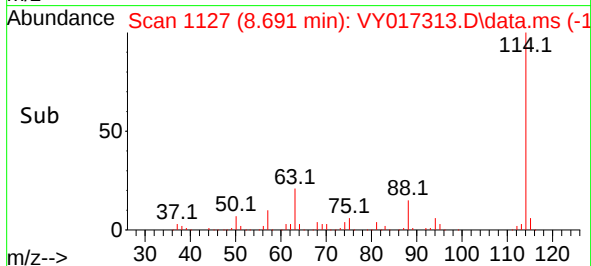
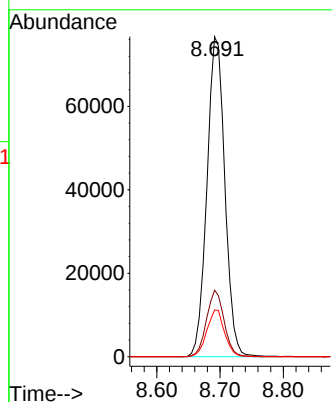
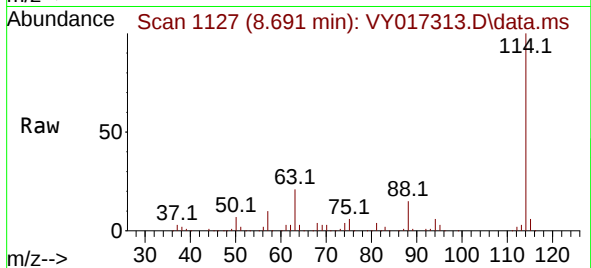
Tgt Ion:114 Resp: 151374

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.618 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017313.D

Acq: 08 Feb 2024 15:22

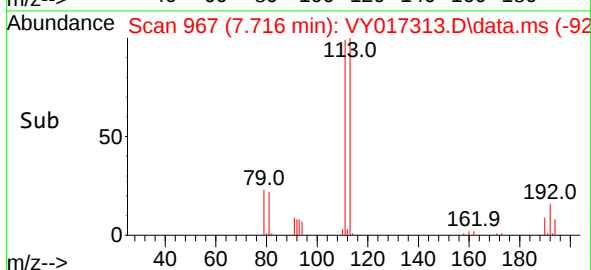
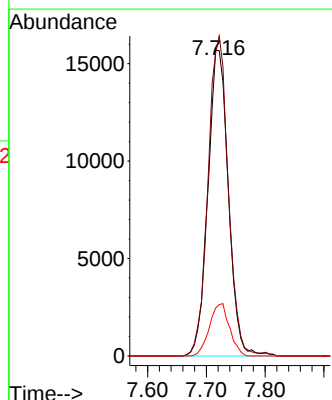
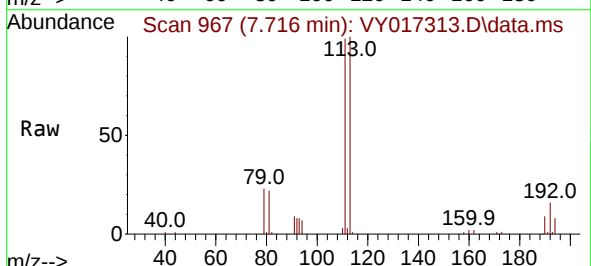
Tgt Ion:113 Resp: 38102

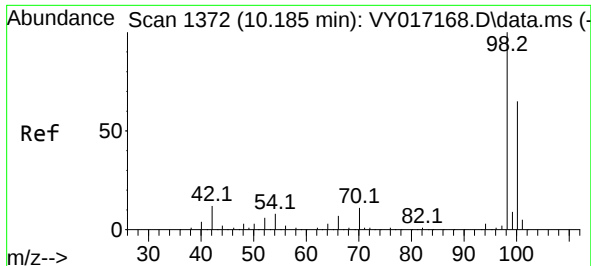
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 16.7 14.5 21.7

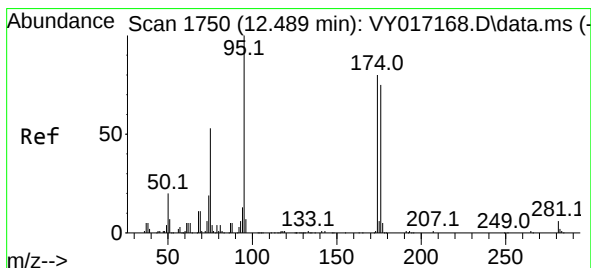
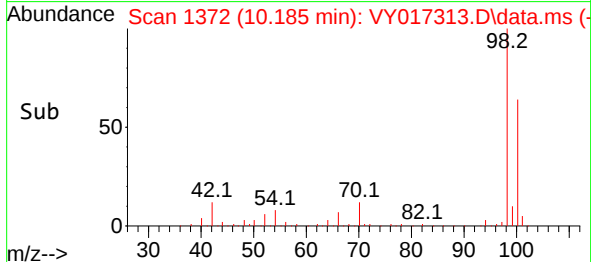
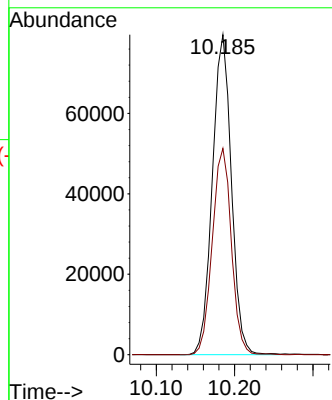
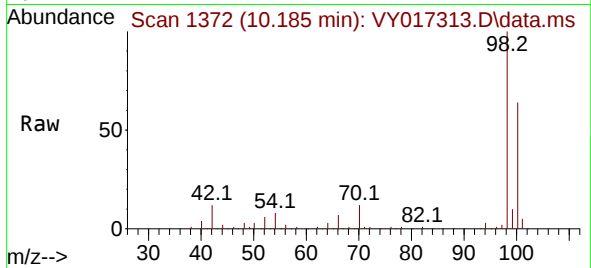




#50
Toluene-d8
Concen: 45.132 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

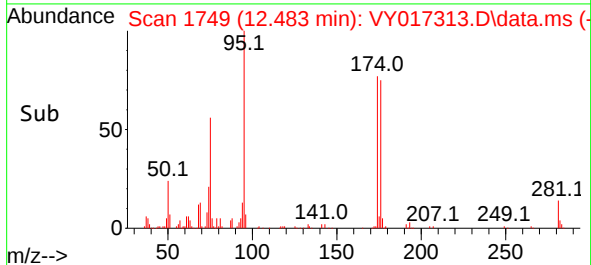
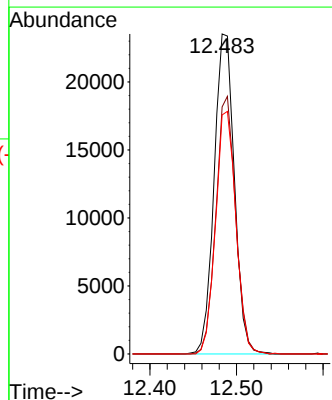
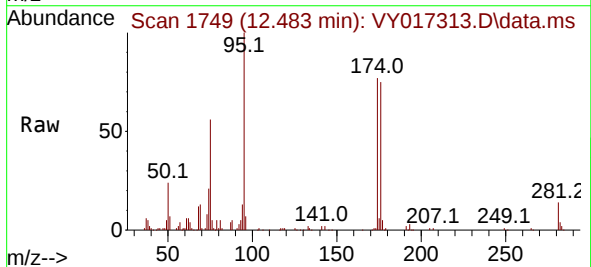
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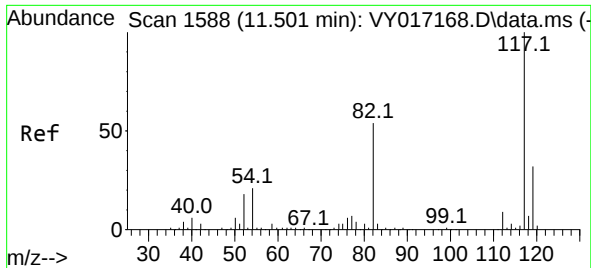
Tgt Ion: 98 Resp: 134304
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

Tgt Ion: 95 Resp: 38299
Ion Ratio Lower Upper
95 100
174 78.5 0.0 160.0
176 75.8 0.0 151.8

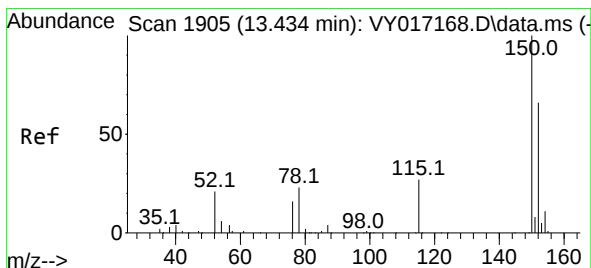
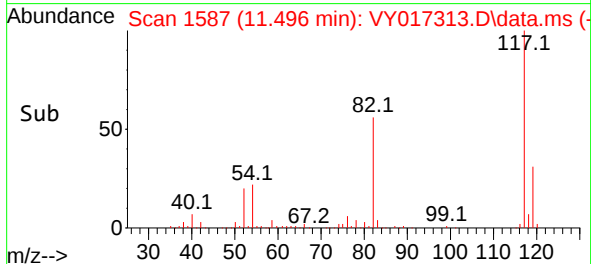
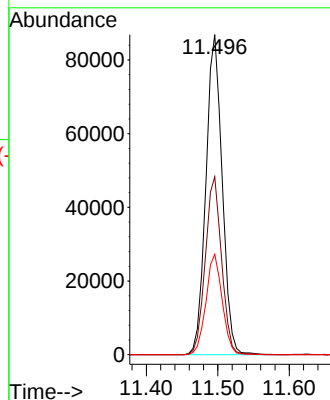
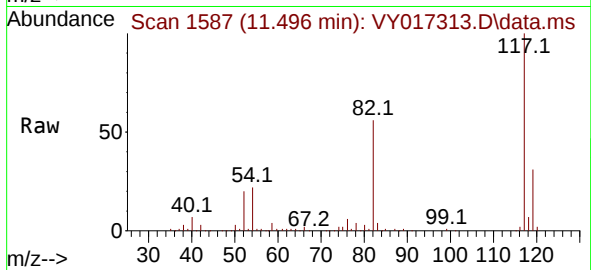




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 137547
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017313.D
Acq: 08 Feb 2024 15:22

Tgt Ion:152 Resp: 50852
Ion Ratio Lower Upper
152 100
115 57.1 30.0 90.0
150 155.3 0.0 344.6

