

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017316.D
 Acq On : 08 Feb 2024 16:34
 Operator : SY/MD
 Sample : P1391-11RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE

Quant Time: Feb 09 00:14:19 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)

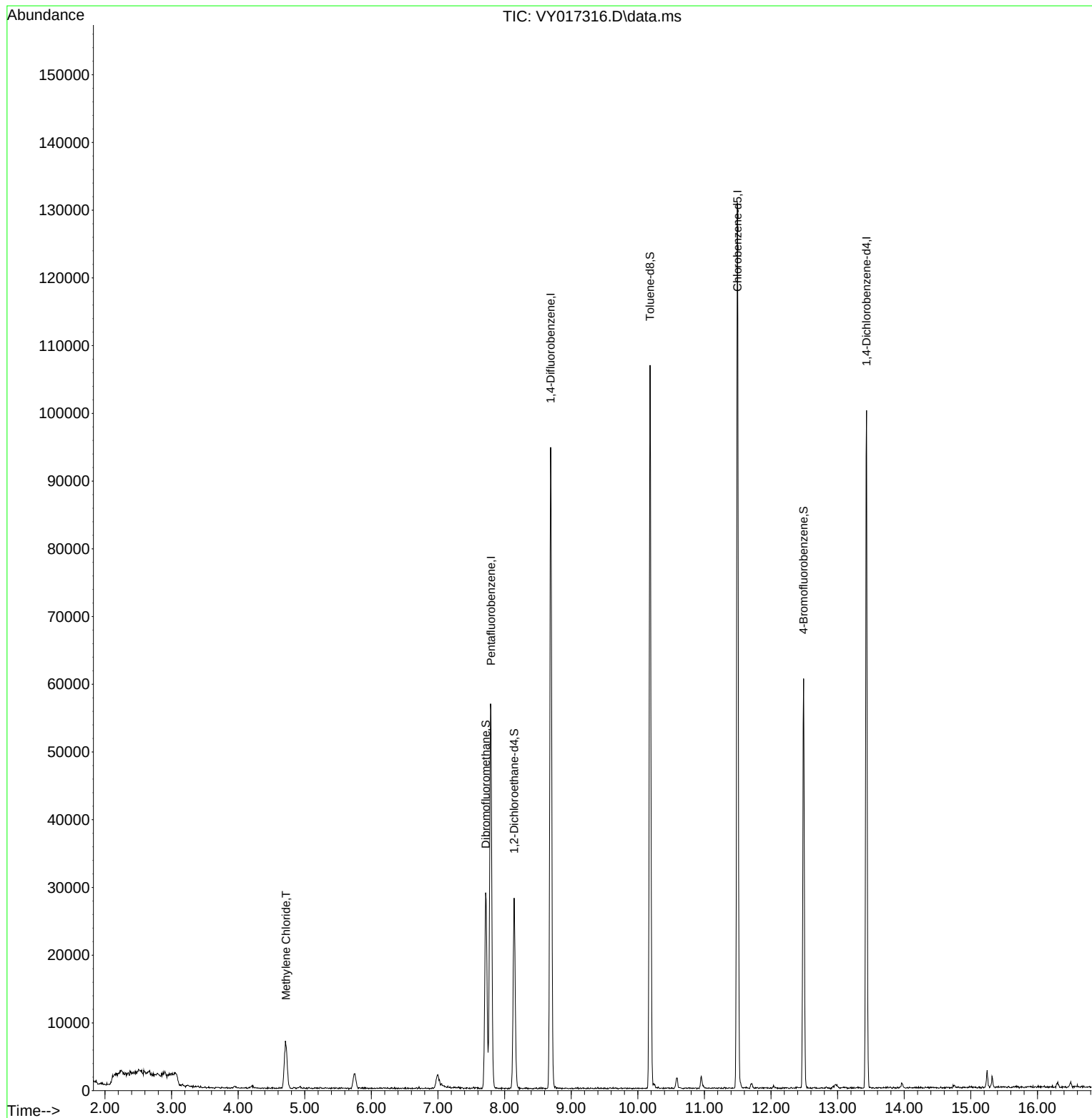
Internal Standards						
1) Pentafluorobenzene	7.795	168	43069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	79073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	68792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	24553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20660	53.697	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.400%	
35) Dibromofluoromethane	7.716	113	20839	48.810	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.620%	
50) Toluene-d8	10.185	98	68641	44.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.320%	
62) 4-Bromofluorobenzene	12.489	95	18428	36.189	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 72.380%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	5331	8.610	ug/l	96

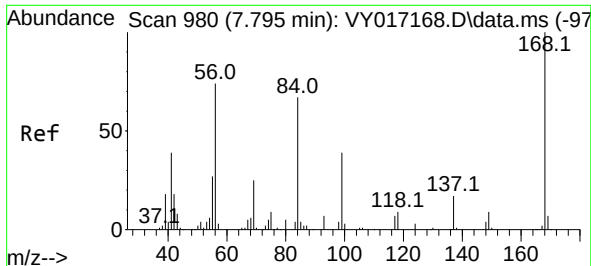
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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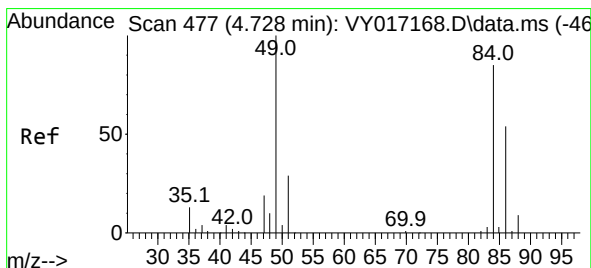
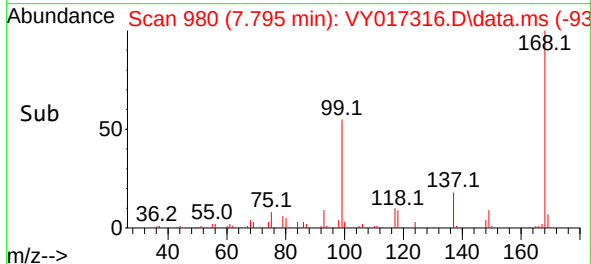
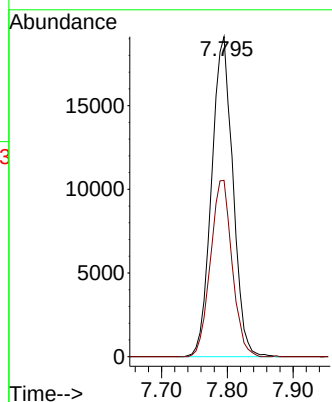
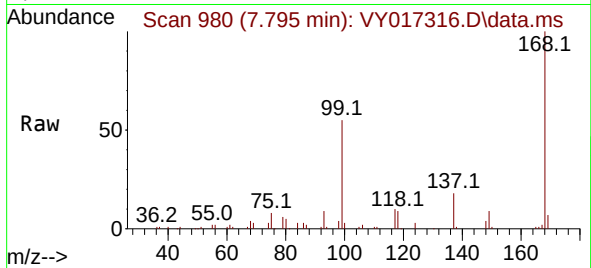




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017316.D
Acq: 08 Feb 2024 16:34

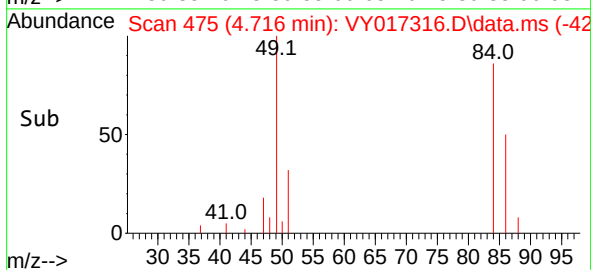
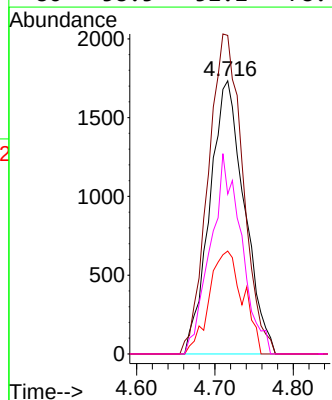
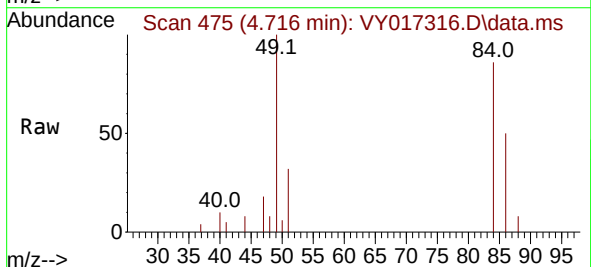
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

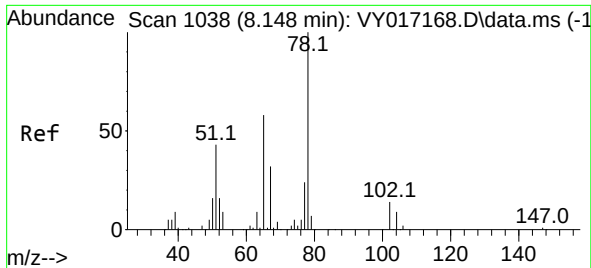
Tgt Ion:168 Resp: 43069
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#20
Methylene Chloride
Concen: 8.610 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017316.D
Acq: 08 Feb 2024 16:34

Tgt Ion: 84 Resp: 5331
Ion Ratio Lower Upper
84 100
49 116.7 95.2 142.8
51 37.7 29.9 44.9
86 58.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 53.697 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017316.D

Acq: 08 Feb 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

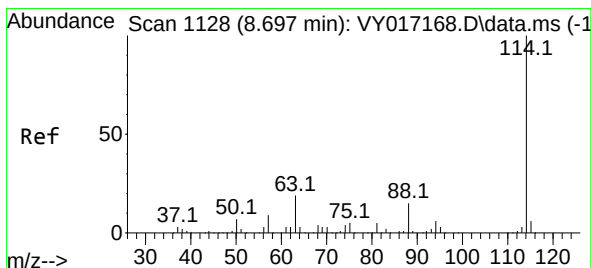
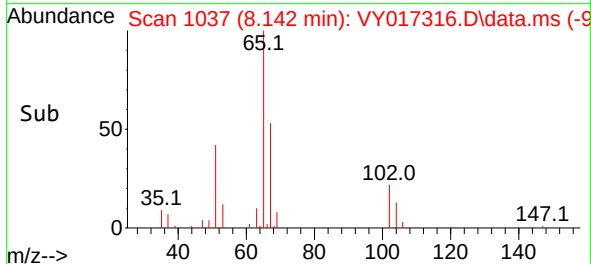
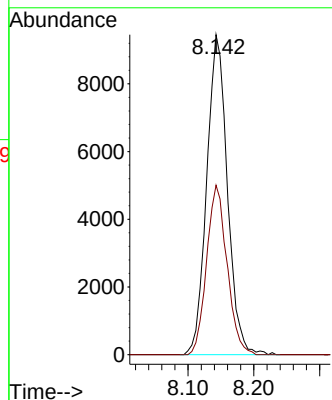
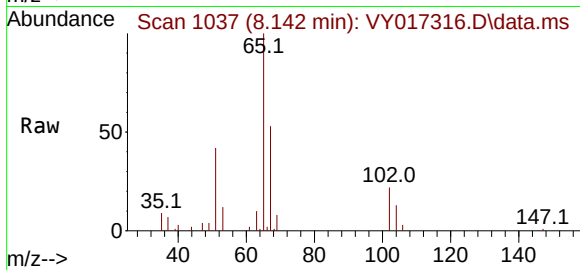
SP-1RE

Tgt Ion: 65 Resp: 20660

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017316.D

Acq: 08 Feb 2024 16:34

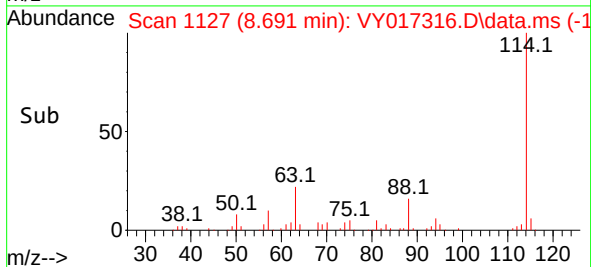
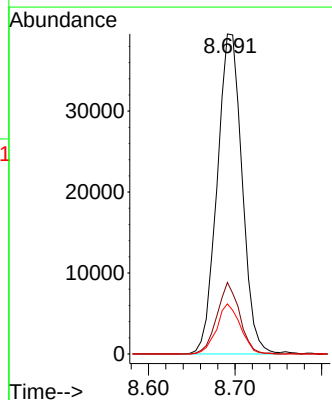
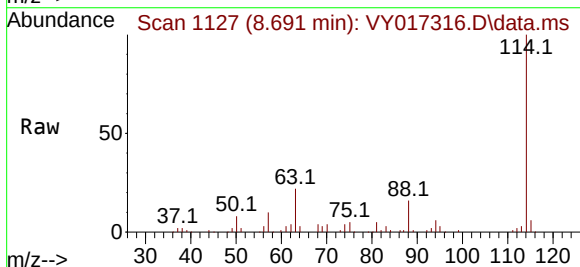
Tgt Ion: 114 Resp: 79073

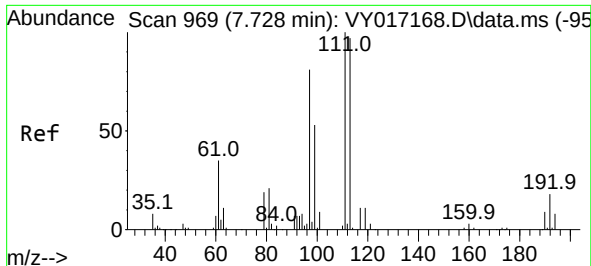
Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.4

88 15.6 0.0 29.0



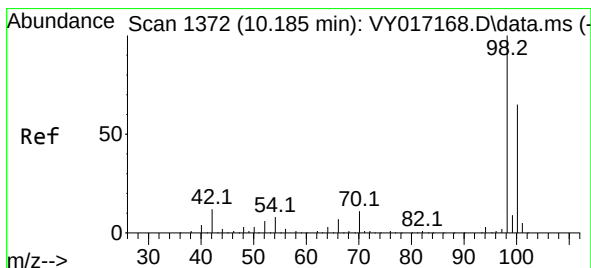
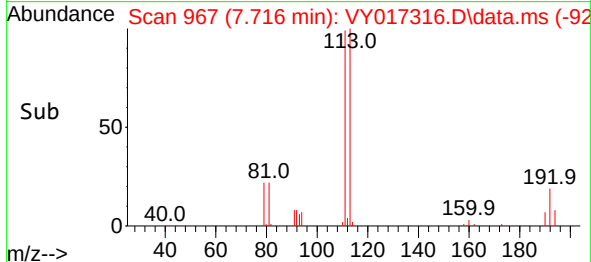
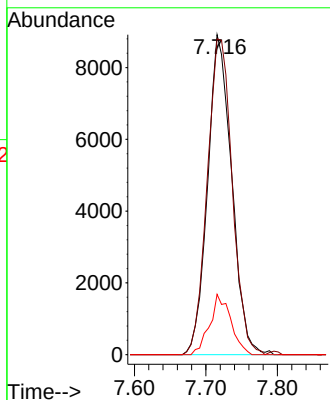
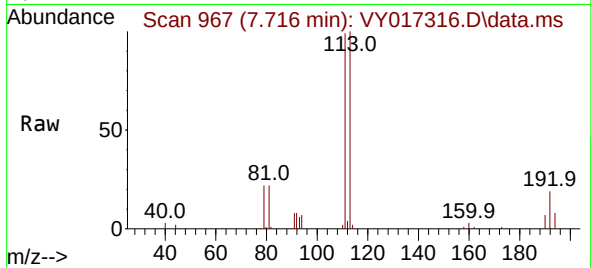


#35
 Dibromofluoromethane
 Concen: 48.810 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: VY017316.D
 Acq: 08 Feb 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE

Tgt Ion:113 Resp: 20839

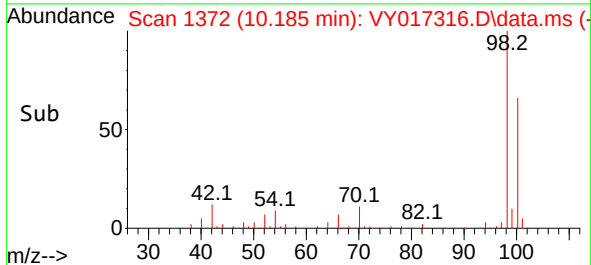
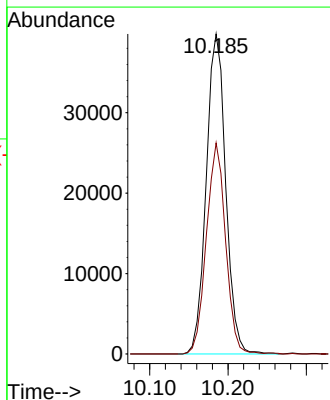
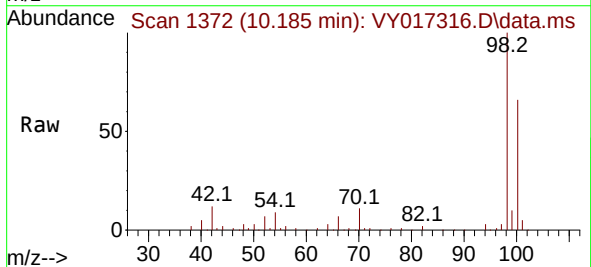
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	16.6	14.5	21.7

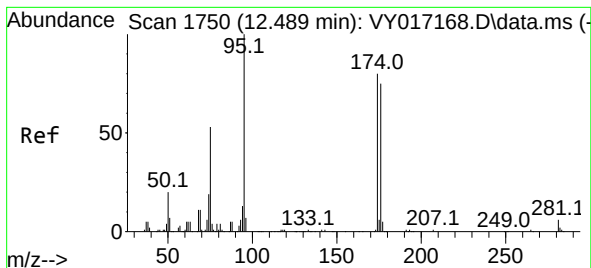


#50
 Toluene-d8
 Concen: 44.157 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY017316.D
 Acq: 08 Feb 2024 16:34

Tgt Ion: 98 Resp: 68641

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5

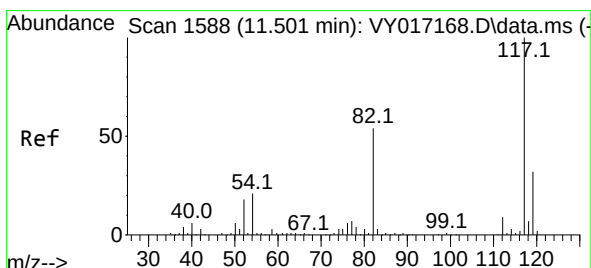
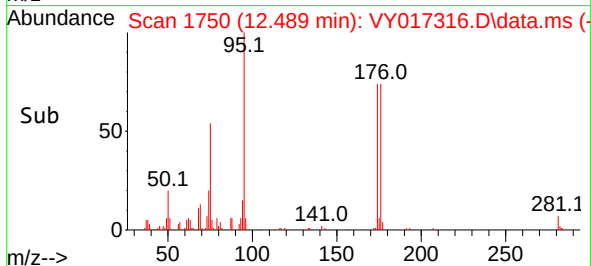
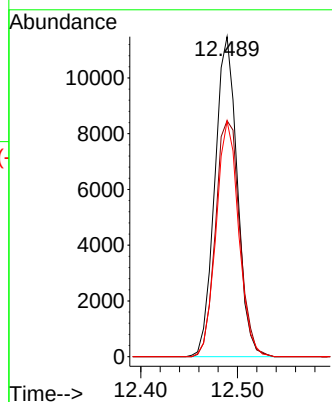
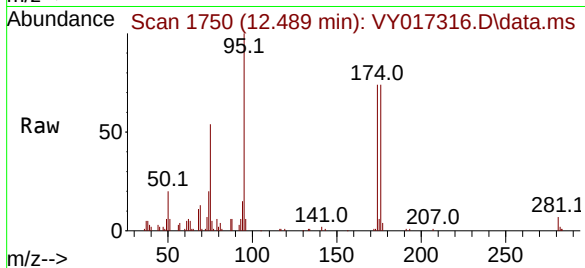




#62
4-Bromofluorobenzene
Concen: 36.189 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017316.D
Acq: 08 Feb 2024 16:34

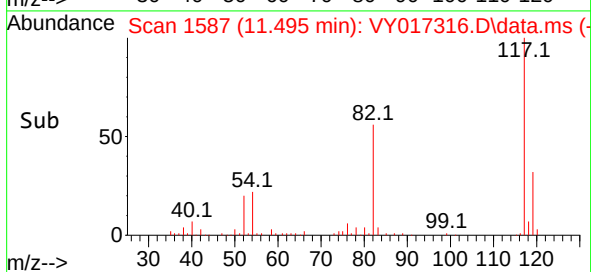
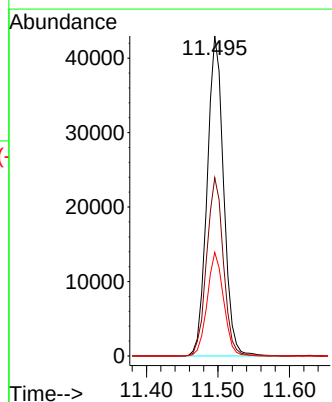
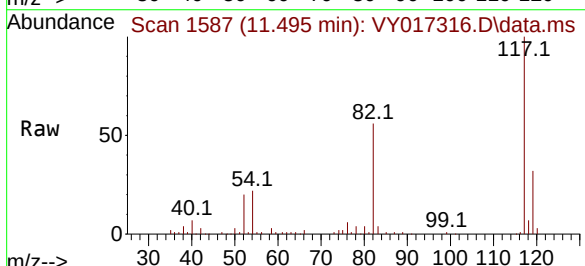
Instrument :
MSVOA_Y
ClientSampleId :
SP-1RE

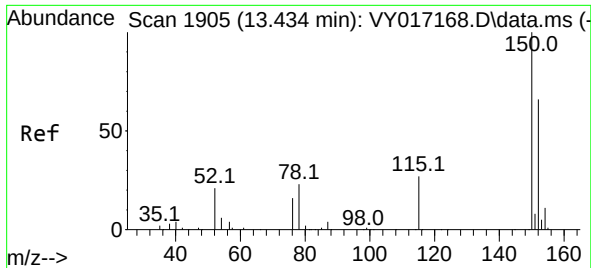
Tgt Ion: 95 Resp: 18428
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 74.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017316.D
Acq: 08 Feb 2024 16:34

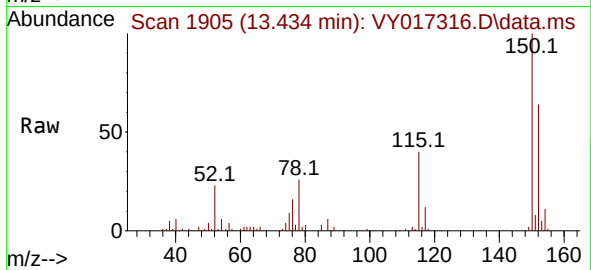
Tgt Ion: 117 Resp: 68792
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017316.D
 Acq: 08 Feb 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1RE



Tgt Ion:152 Resp: 24553
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.0
 150 155.2 0.0 344.6

