

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017334.D
 Acq On : 09 Feb 2024 13:08
 Operator : SY/MD
 Sample : P1421-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Quant Time: Feb 09 22:01:53 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)

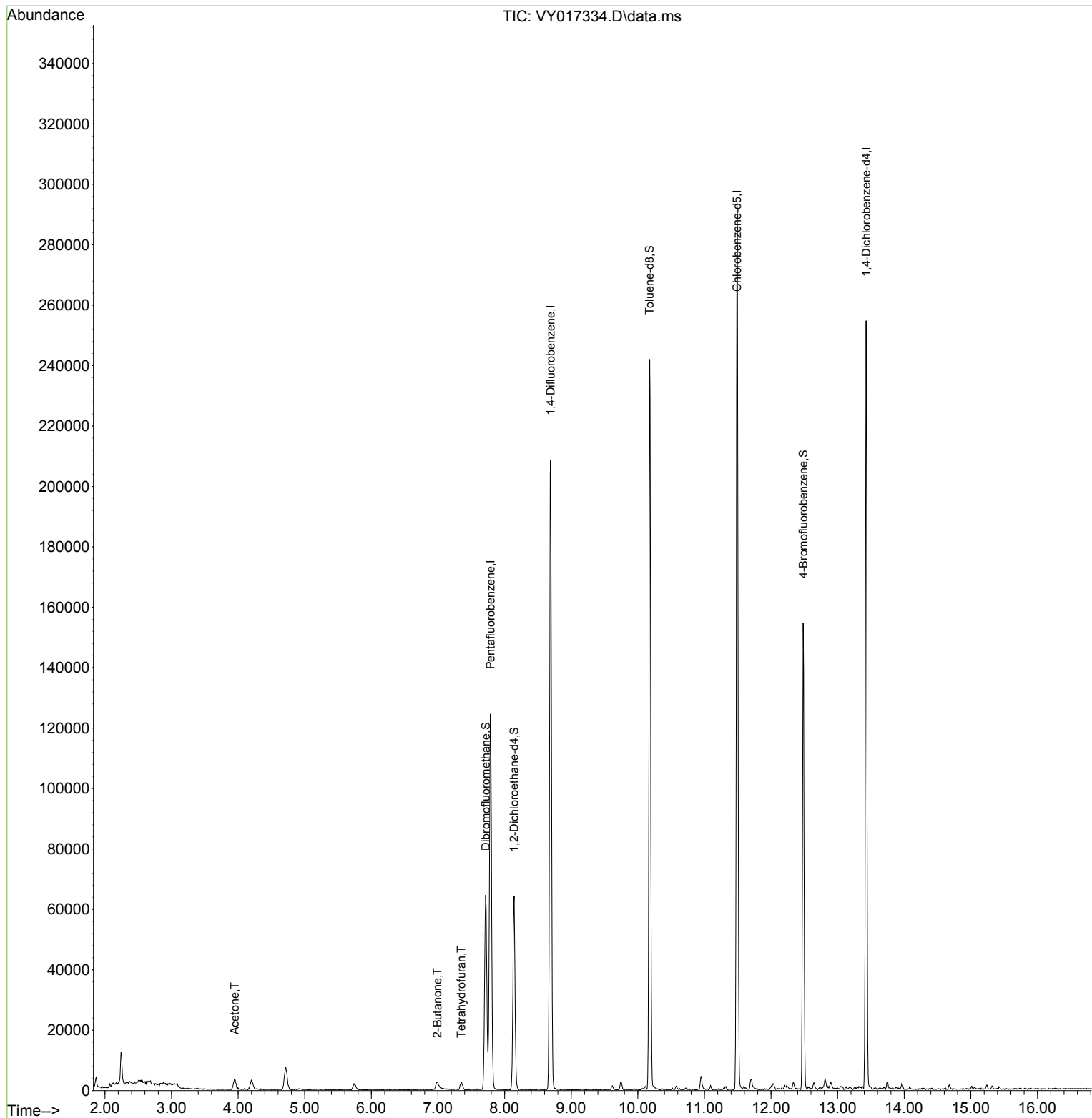
Internal Standards						
1) Pentafluorobenzene	7.789	168	94815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164596	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	61583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47518	56.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.200%
35) Dibromofluoromethane	7.716	113	46197	47.321	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.179	98	158300	44.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.483	95	45855	39.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.760%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	6408	25.740	ug/l	91
25) 2-Butanone	6.990	43	2083	6.294	ug/l #	86
29) Tetrahydrofuran	7.350	42	1863	9.965	ug/l	99

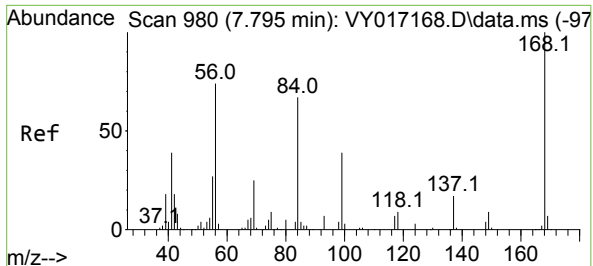
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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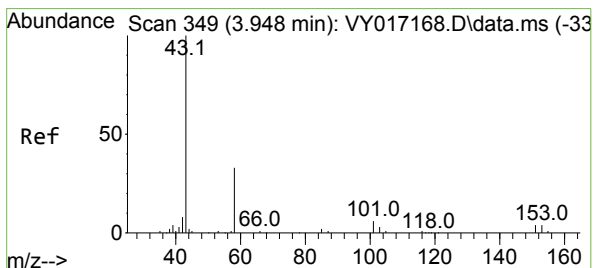
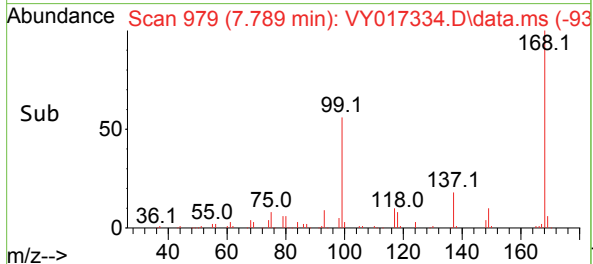
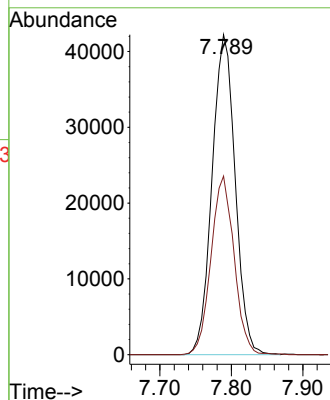
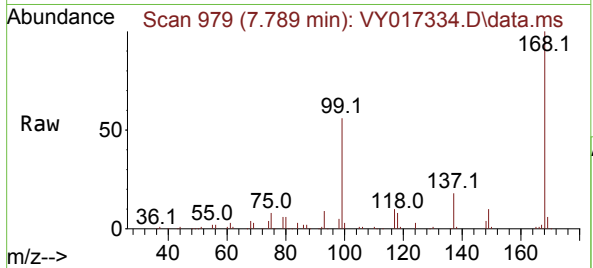




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017334.D
Acq: 09 Feb 2024 13:08

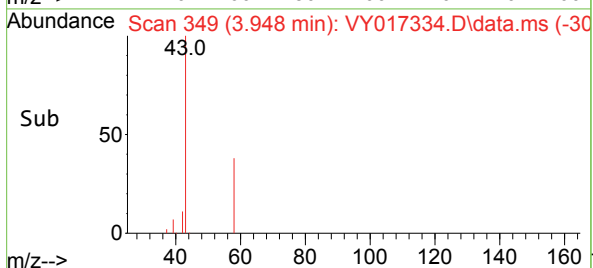
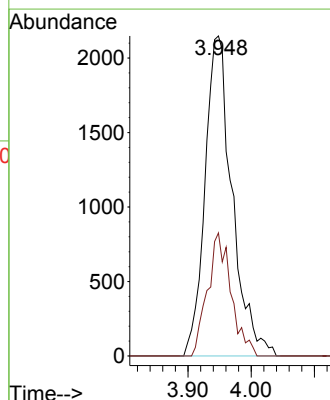
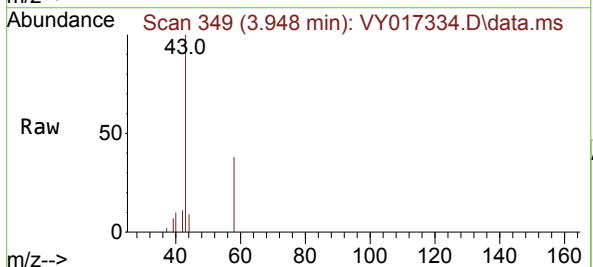
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

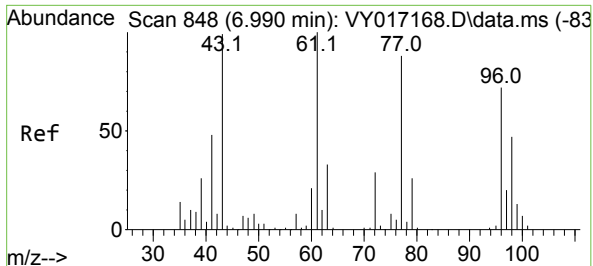
Tgt Ion:168 Resp: 94815
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#16
Acetone
Concen: 25.740 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017334.D
Acq: 09 Feb 2024 13:08

Tgt Ion: 43 Resp: 6408
Ion Ratio Lower Upper
43 100
58 38.5 26.6 39.8





#25

2-Butanone

Concen: 6.294 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY017334.D

Acq: 09 Feb 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

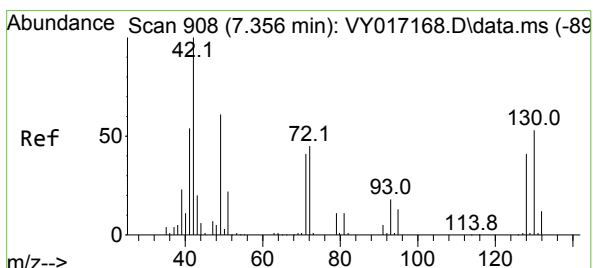
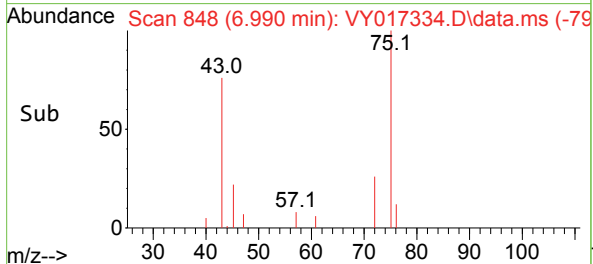
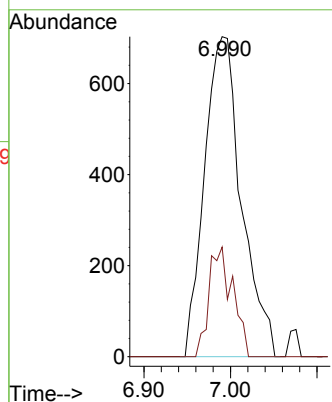
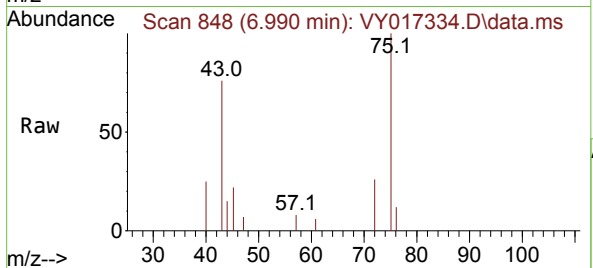
72-11977

Tgt Ion: 43 Resp: 2083

Ion Ratio Lower Upper

43 100

72 34.3 21.4 32.2#



#29

Tetrahydrofuran

Concen: 9.965 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY017334.D

Acq: 09 Feb 2024 13:08

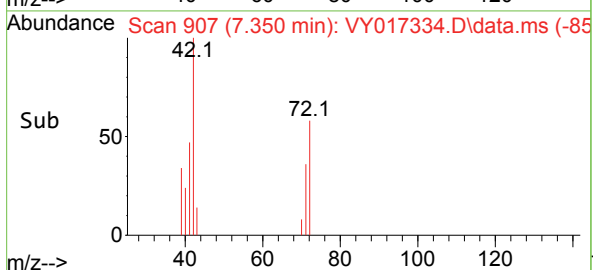
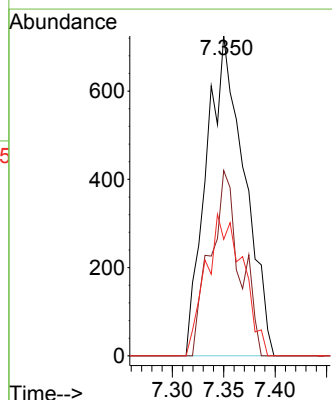
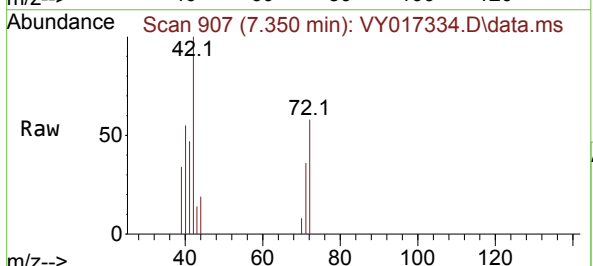
Tgt Ion: 42 Resp: 1863

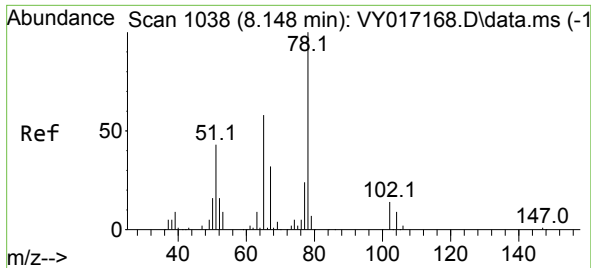
Ion Ratio Lower Upper

42 100

72 45.2 36.6 54.8

71 43.2 33.8 50.6

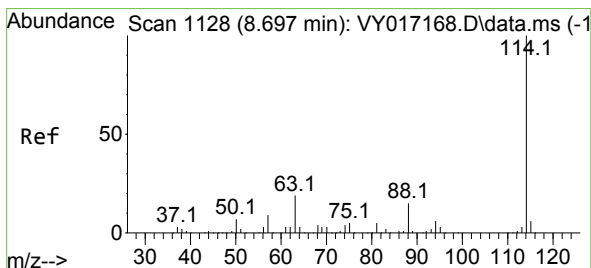
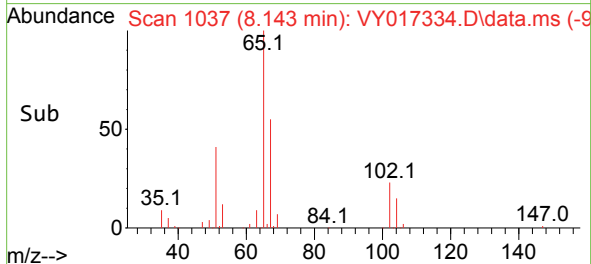
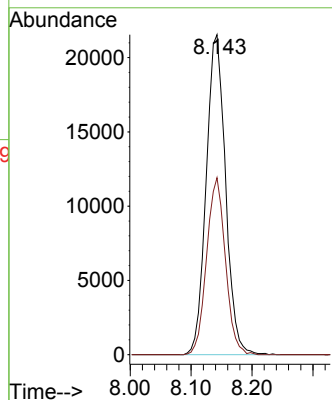
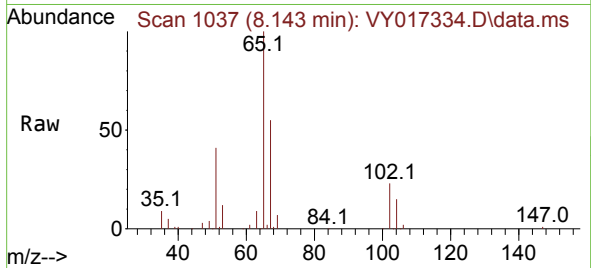




#33
1,2-Dichloroethane-d4
Concen: 56.100 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017334.D
Acq: 09 Feb 2024 13:08

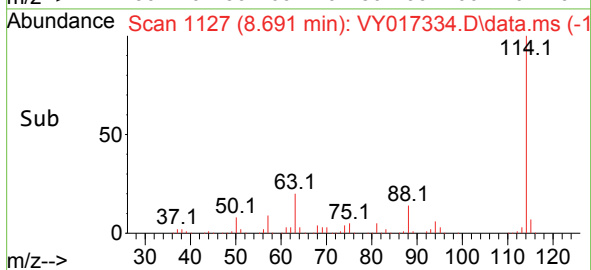
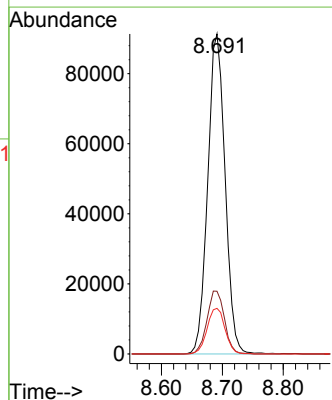
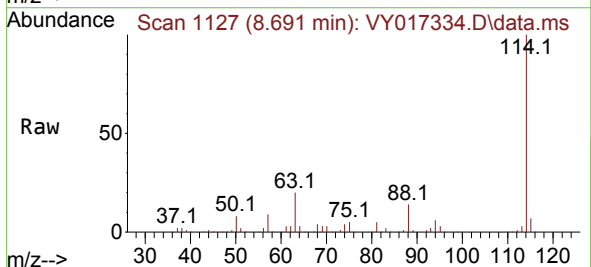
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

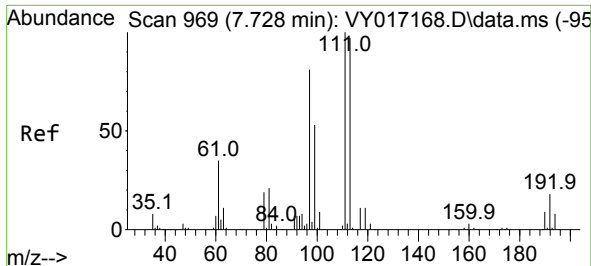
Tgt Ion: 65 Resp: 47518
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY017334.D
Acq: 09 Feb 2024 13:08

Tgt Ion:114 Resp: 180807
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 14.3 0.0 29.0



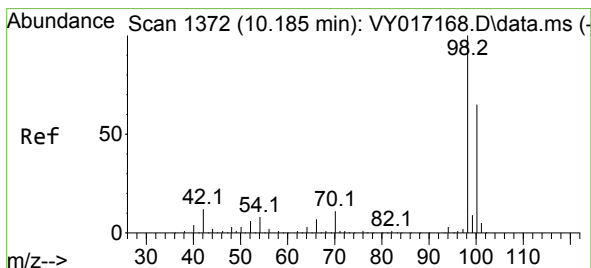
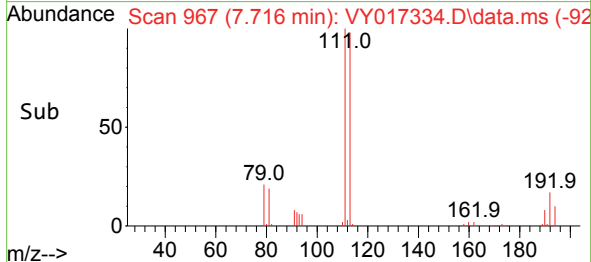
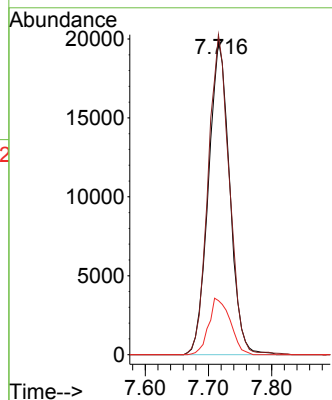
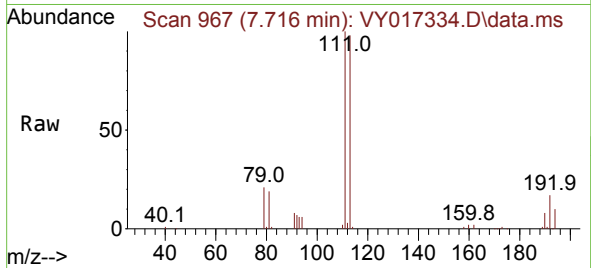


#35
 Dibromofluoromethane
 Concen: 47.321 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: VY017334.D
 Acq: 09 Feb 2024 13:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Tgt Ion:113 Resp: 46197

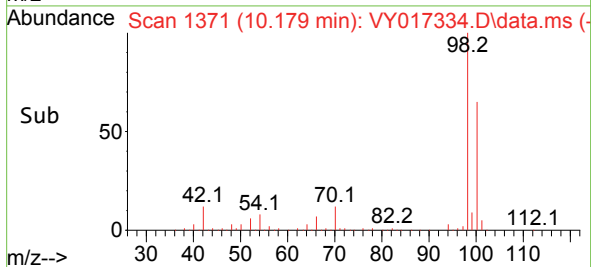
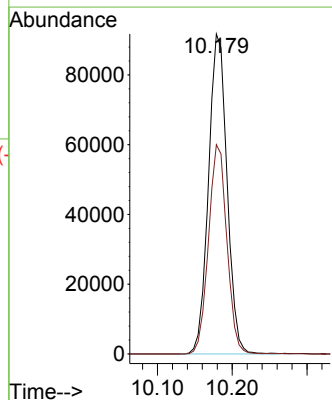
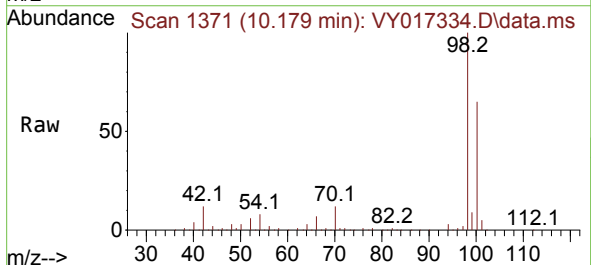
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	18.3	14.5	21.7

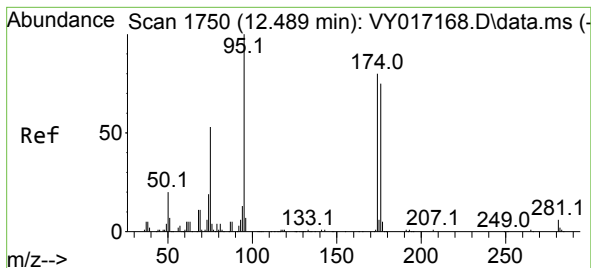


#50
 Toluene-d8
 Concen: 44.536 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY017334.D
 Acq: 09 Feb 2024 13:08

Tgt Ion: 98 Resp: 158300

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5

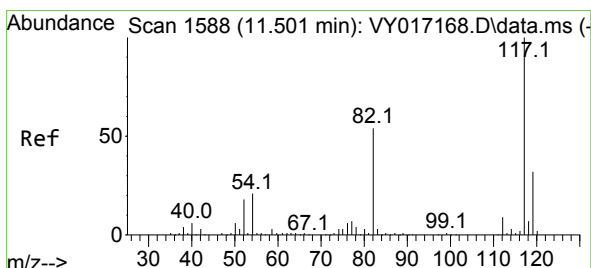
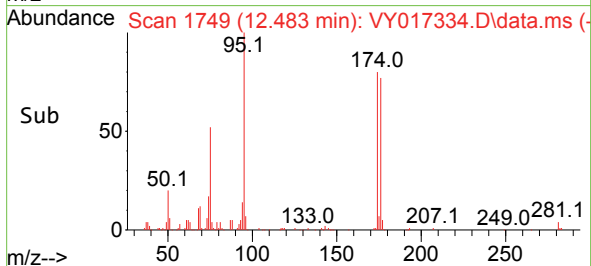
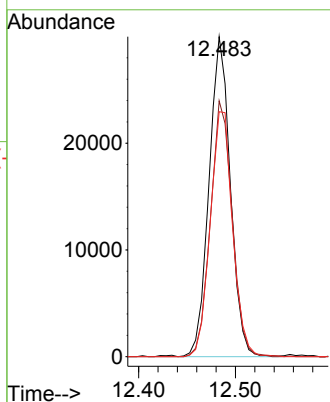
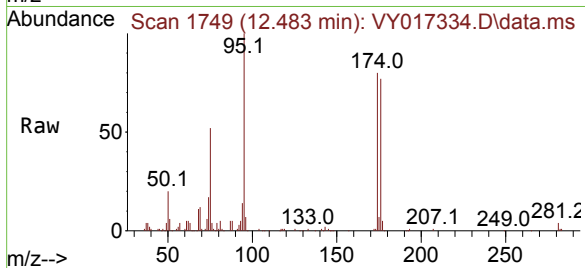




#62
4-Bromofluorobenzene
Concen: 39.382 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017334.D
Acq: 09 Feb 2024 13:08

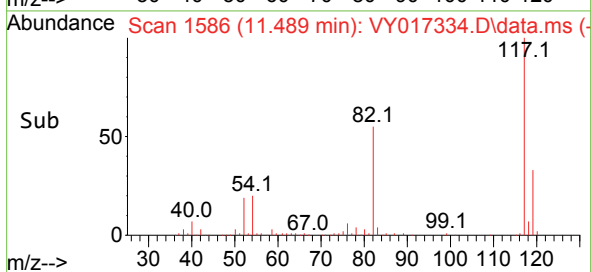
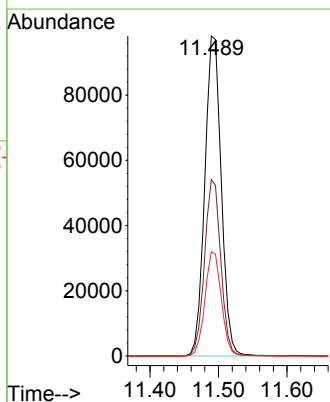
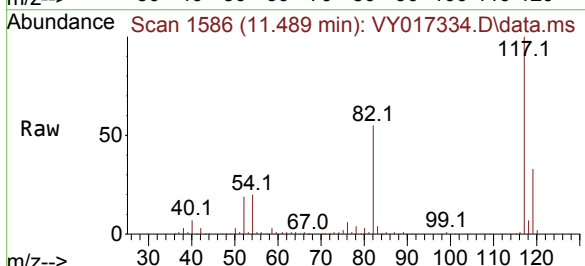
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

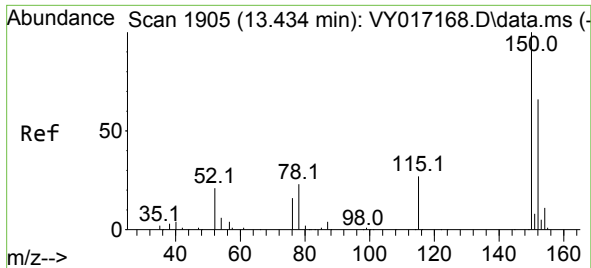
Tgt Ion:	95	Resp:	45855
Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	160.0
176	80.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017334.D
Acq: 09 Feb 2024 13:08

Tgt Ion:	117	Resp:	164596
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.8
119	32.5	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: VY017334.D

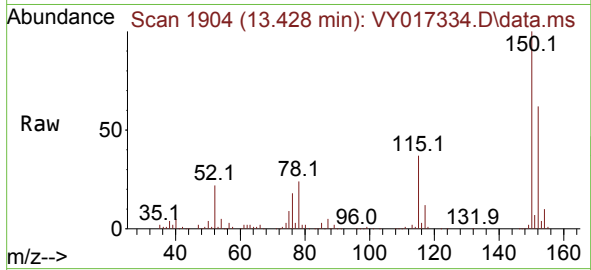
Acq: 09 Feb 2024 13:08

Instrument :

MSVOA_Y

ClientSampleId :

72-11977



Tgt Ion:152 Resp: 61583

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 158.8 0.0 344.6

