

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017237.D
 Acq On : 05 Feb 2024 18:24
 Operator : SY/MD
 Sample : P1141-05
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-3-2-4

Quant Time: Feb 06 01:03:25 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)

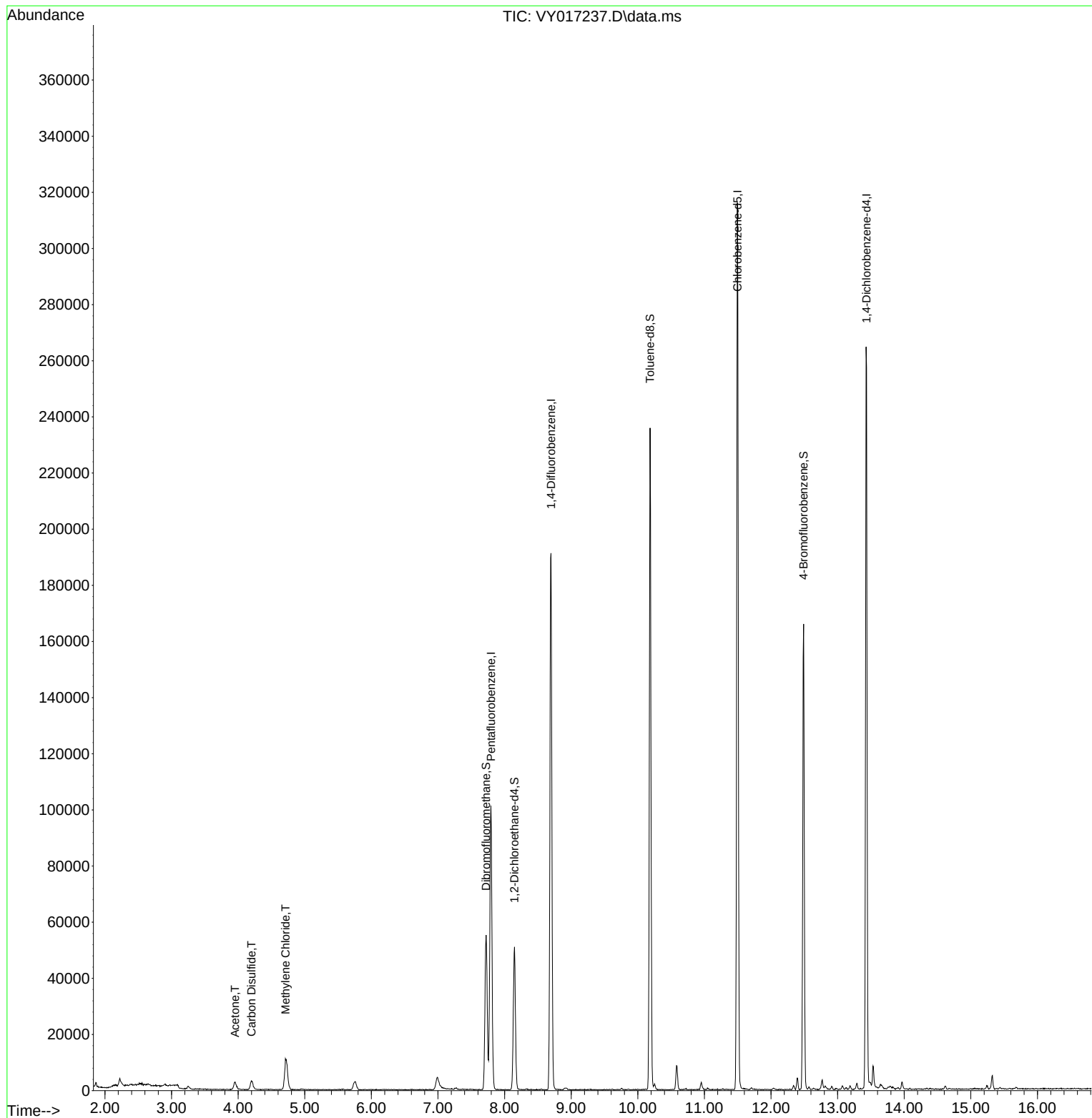
Internal Standards						
1) Pentafluorobenzene	7.795	168	77351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	168794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	172271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37717	54.583	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.160%			
35) Dibromofluoromethane	7.722	113	40799	44.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.540%			
50) Toluene-d8	10.185	98	150199	45.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.520%			
62) 4-Bromofluorobenzene	12.489	95	50614	46.563	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.120%			
Target Compounds						
16) Acetone	3.954	43	4898	24.117	ug/l	97
17) Carbon Disulfide	4.198	76	4058	1.695	ug/l #	93
20) Methylene Chloride	4.710	84	8131	6.744	ug/l	97

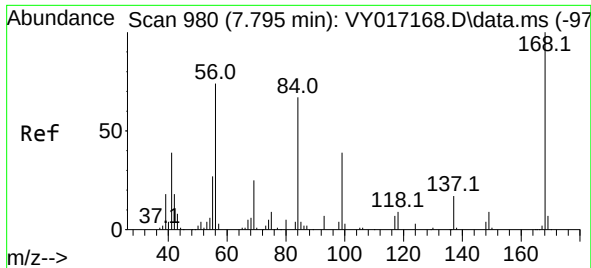
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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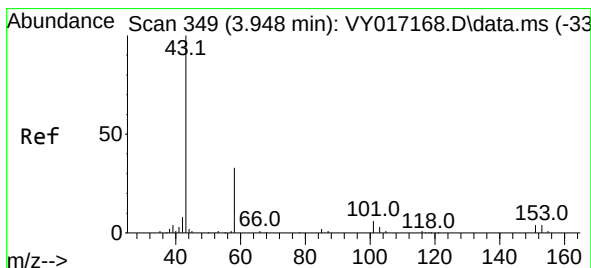
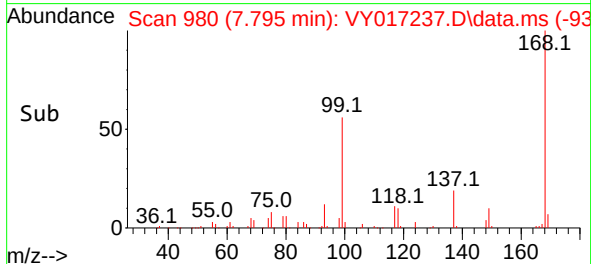
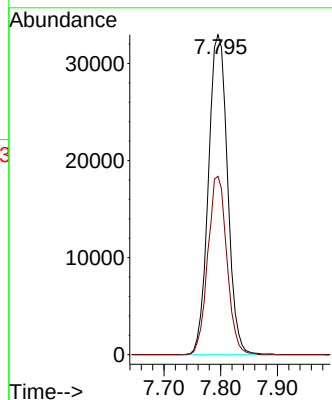
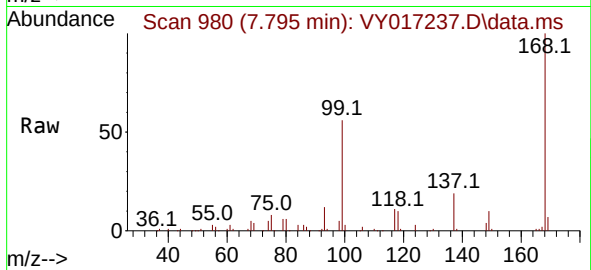




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017237.D
Acq: 05 Feb 2024 18:24

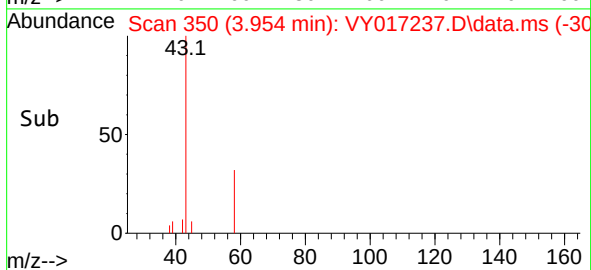
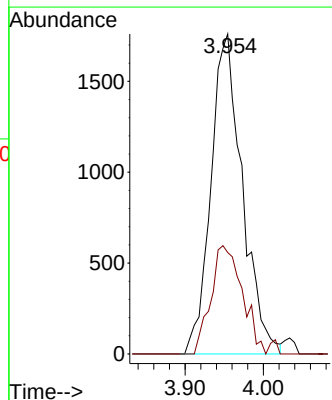
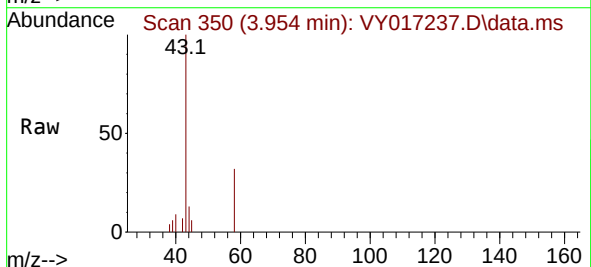
Instrument :
MSVOA_Y
ClientSampleId :
EB-3-2-4

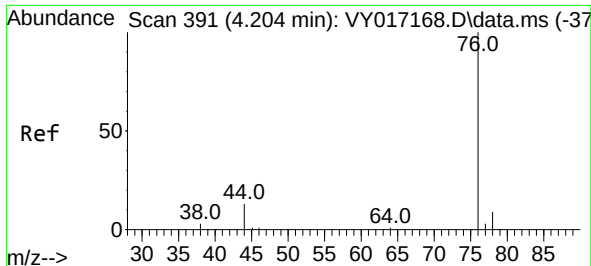
Tgt Ion:168 Resp: 77351
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#16
Acetone
Concen: 24.117 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017237.D
Acq: 05 Feb 2024 18:24

Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8





#17

Carbon Disulfide

Concen: 1.695 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017237.D

Acq: 05 Feb 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

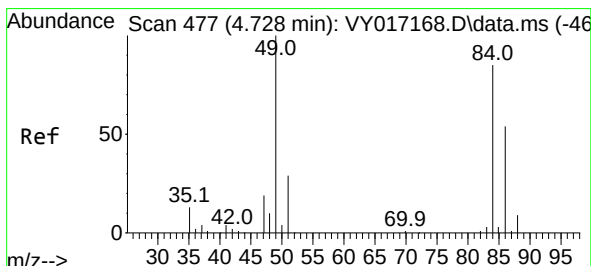
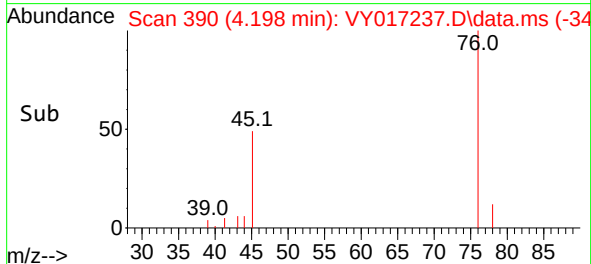
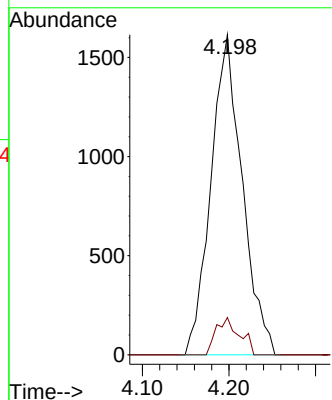
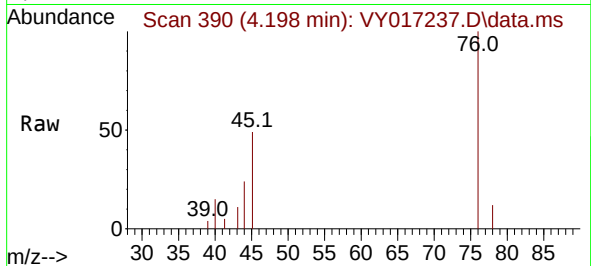
EB-3-2-4

Tgt Ion: 76 Resp: 4058

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.0#



#20

Methylene Chloride

Concen: 6.744 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017237.D

Acq: 05 Feb 2024 18:24

Tgt Ion: 84 Resp: 8131

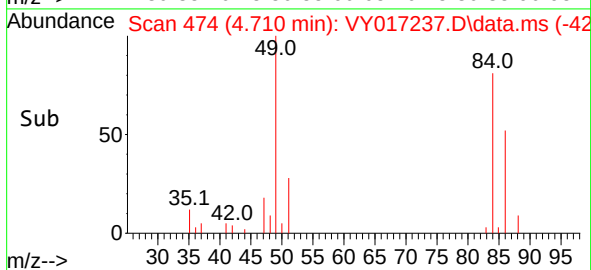
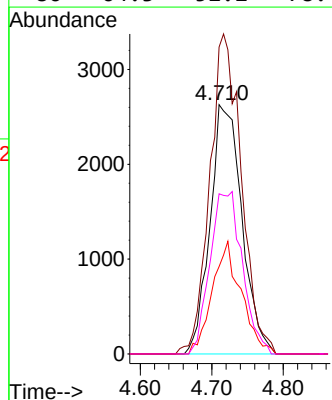
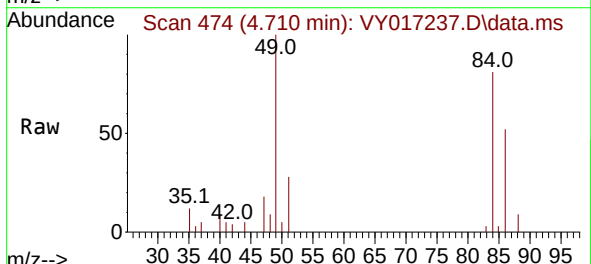
Ion Ratio Lower Upper

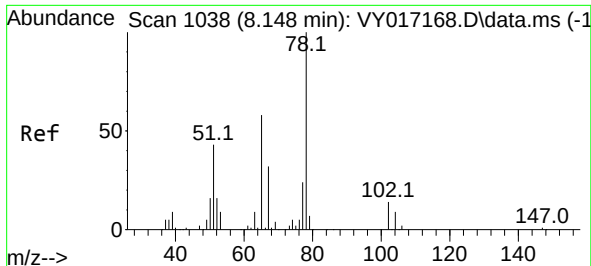
84 100

49 123.1 95.2 142.8

51 35.1 29.9 44.9

86 64.3 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 54.583 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017237.D

Acq: 05 Feb 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

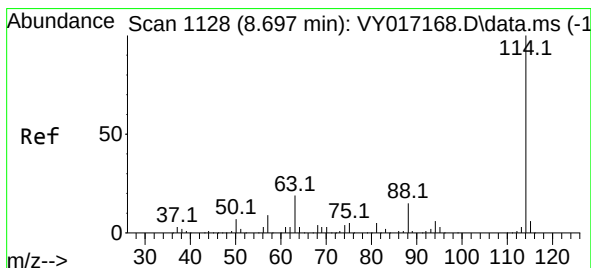
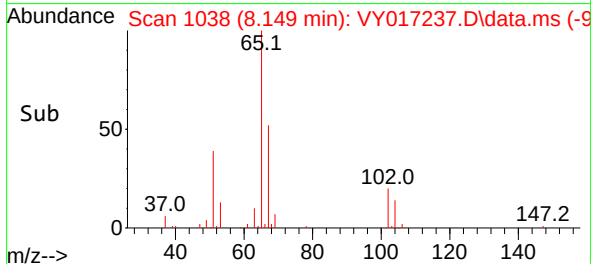
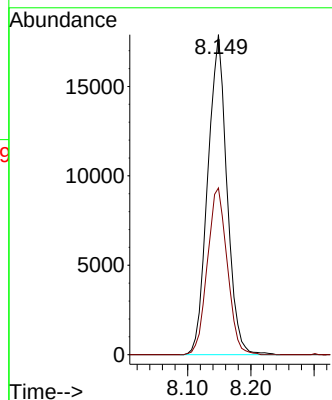
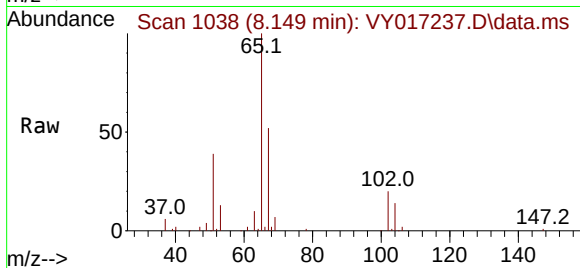
EB-3-2-4

Tgt Ion: 65 Resp: 37717

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017237.D

Acq: 05 Feb 2024 18:24

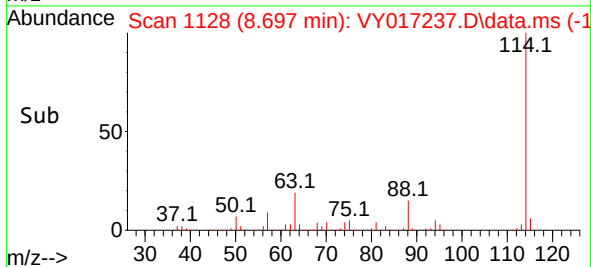
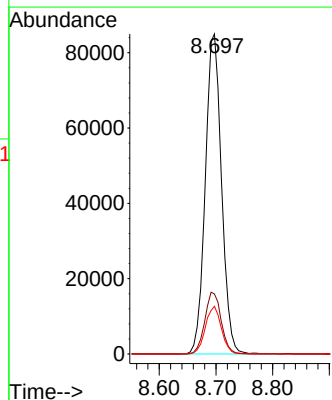
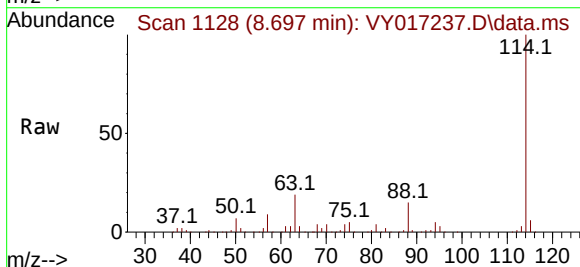
Tgt Ion: 114 Resp: 168794

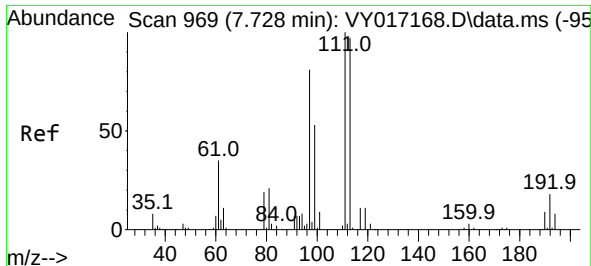
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 14.9 0.0 29.0

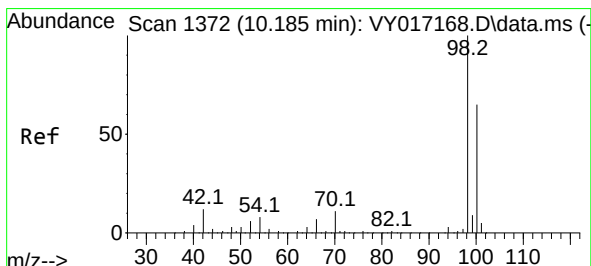
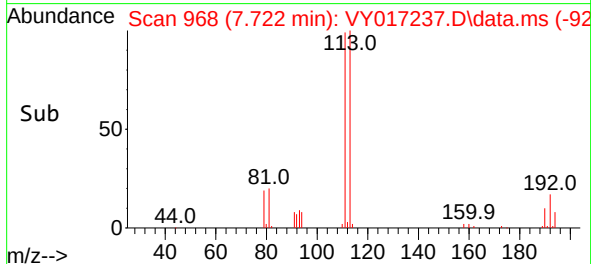
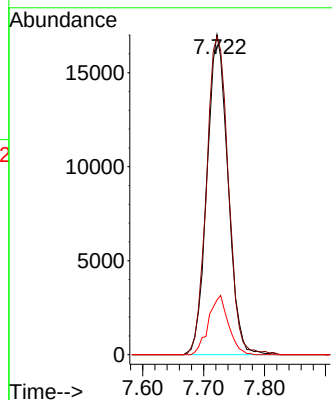
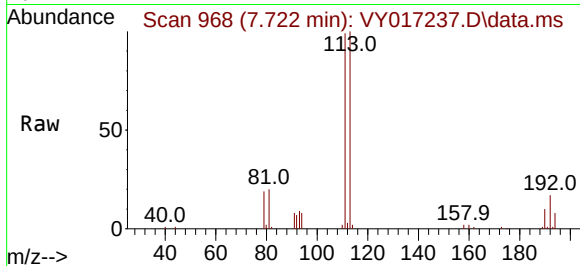




#35
Dibromofluoromethane
Concen: 44.766 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017237.D
Acq: 05 Feb 2024 18:24

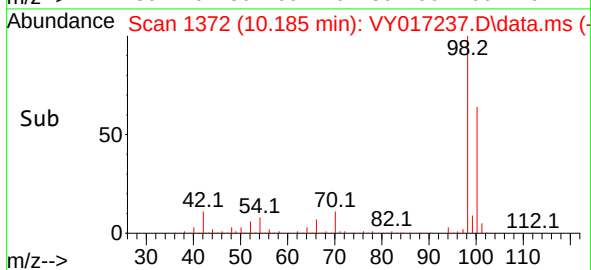
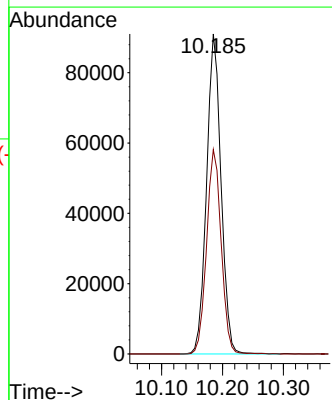
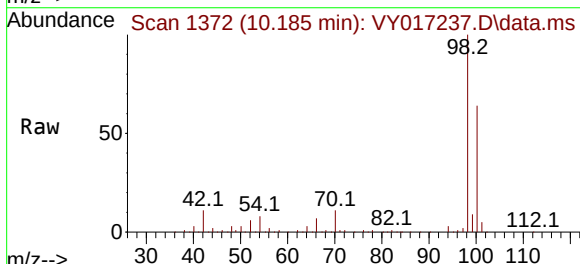
Instrument :
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EB-3-2-4

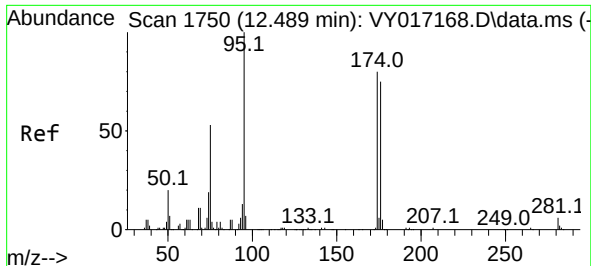
Tgt Ion:113 Resp: 40799
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 45.264 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017237.D
Acq: 05 Feb 2024 18:24

Tgt Ion: 98 Resp: 150199
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

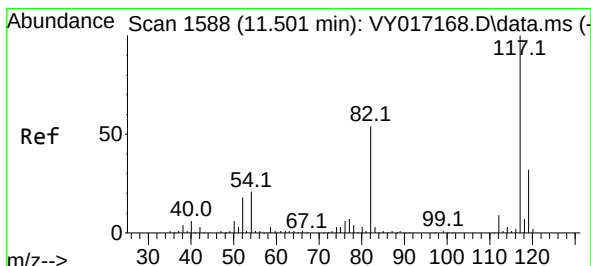
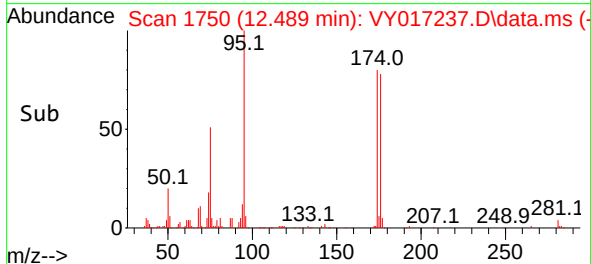
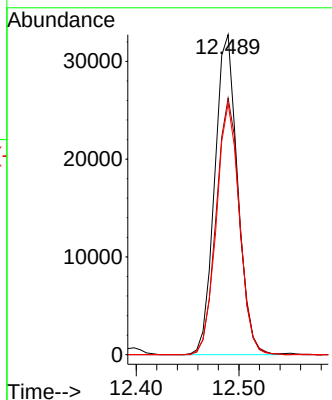
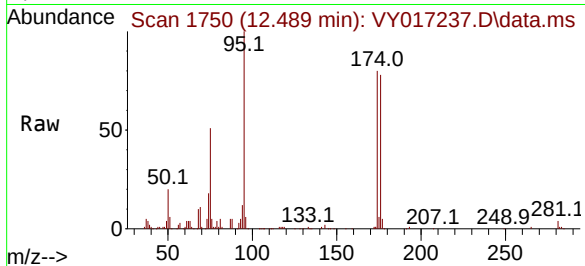




#62
4-Bromofluorobenzene
Concen: 46.563 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017237.D
Acq: 05 Feb 2024 18:24

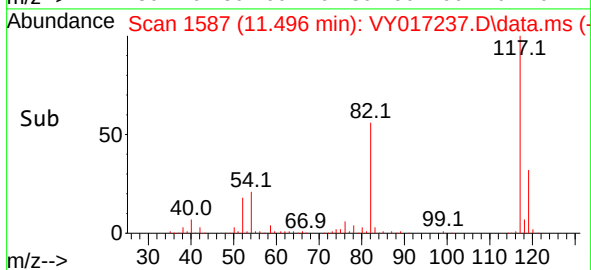
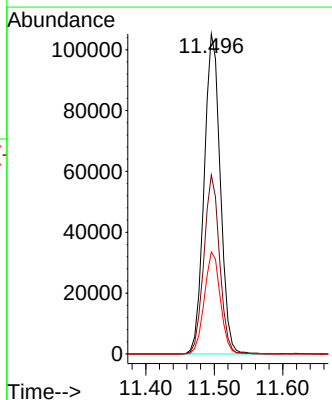
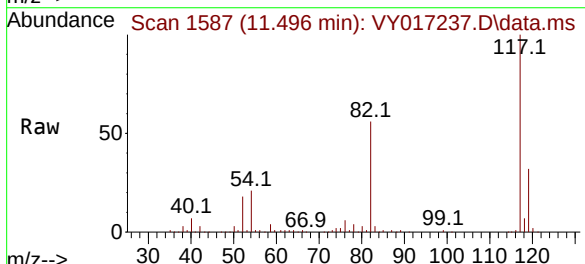
Instrument :
MSVOA_Y
ClientSampleId :
EB-3-2-4

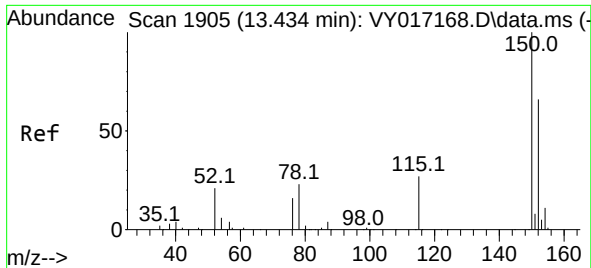
Tgt Ion:	95	Resp:	50614
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	160.0
176	78.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017237.D
Acq: 05 Feb 2024 18:24

Tgt Ion:	117	Resp:	172271
Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.8	65.8
119	31.9	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: VY017237.D

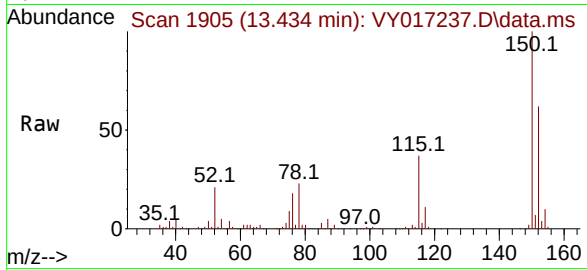
Acq: 05 Feb 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

EB-3-2-4



Tgt Ion:152 Resp: 67008

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 159.1 0.0 344.6

