

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017235.D
 Acq On : 05 Feb 2024 17:37
 Operator : SY/MD
 Sample : P1141-01
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-3-0-2

Quant Time: Feb 06 01:02:39 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)

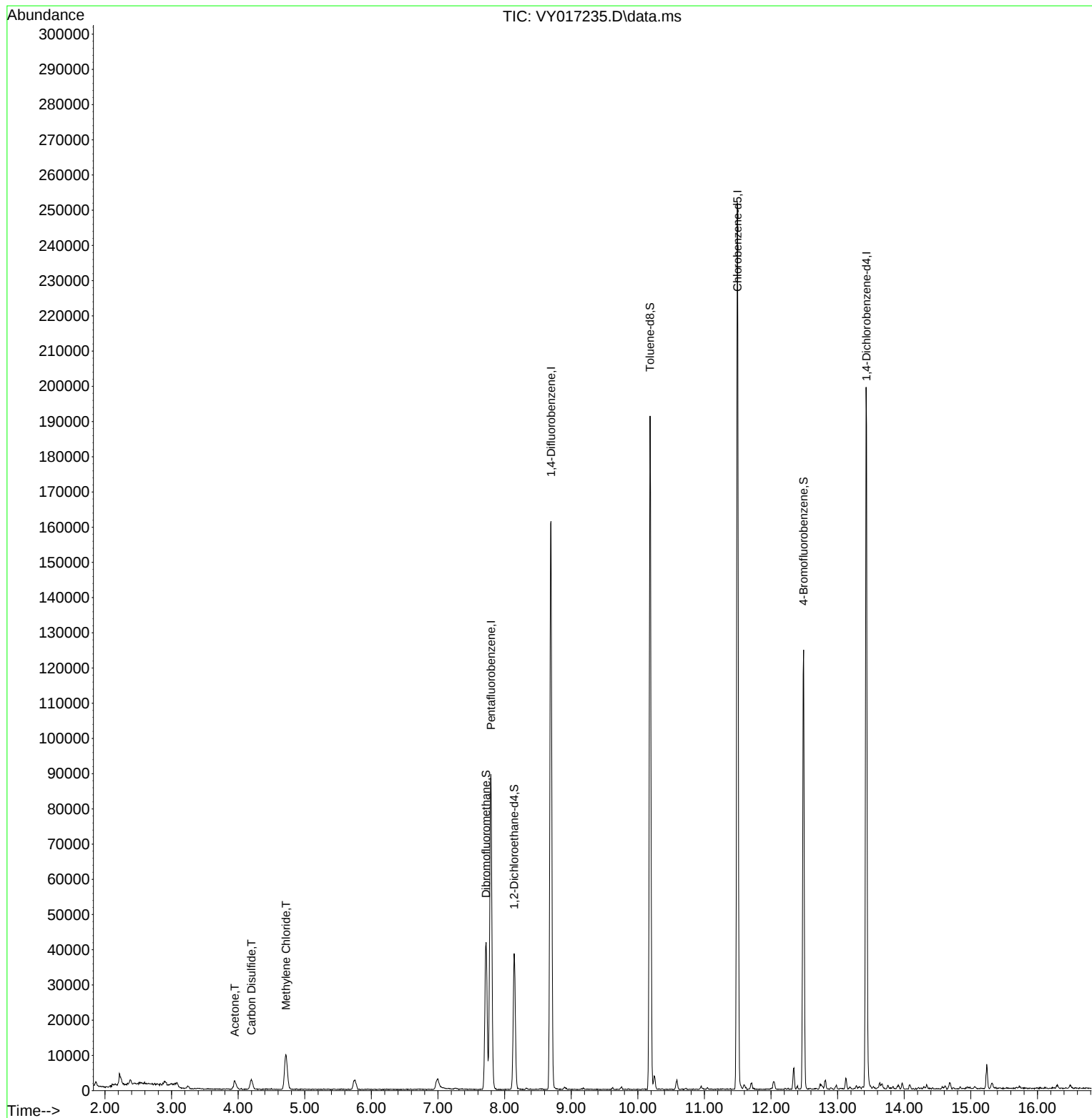
Internal Standards						
1) Pentafluorobenzene	7.795	168	70151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	141062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	134237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	51336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29056	46.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.720%
35) Dibromofluoromethane	7.722	113	31095	40.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.660%
50) Toluene-d8	10.185	98	124657	44.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.489	95	39458	43.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.880%
Target Compounds						
16) Acetone	3.948	43	4627	25.121	ug/l	Qvalue 89
17) Carbon Disulfide	4.198	76	4307	1.984	ug/l #	95
20) Methylene Chloride	4.716	84	7634	7.115	ug/l	95

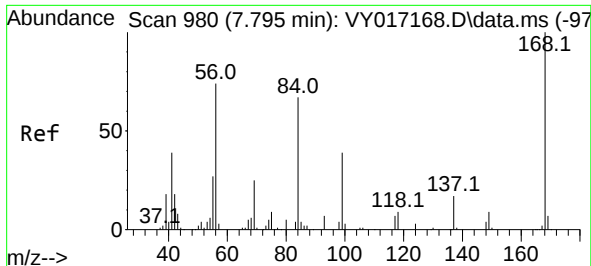
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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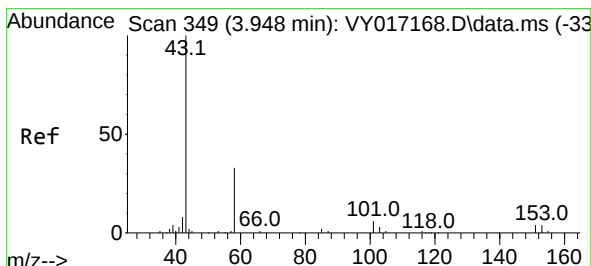
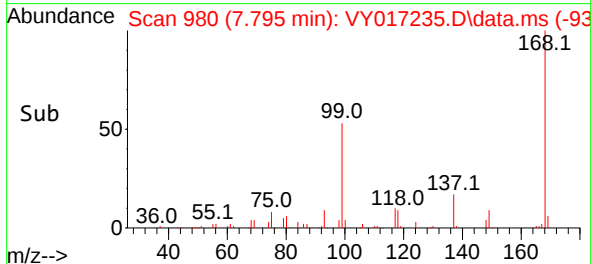
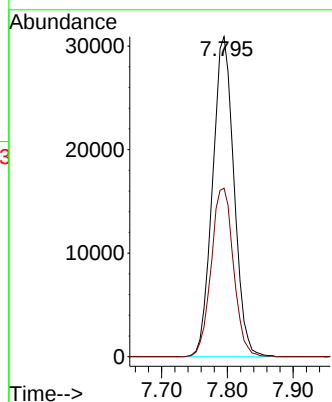
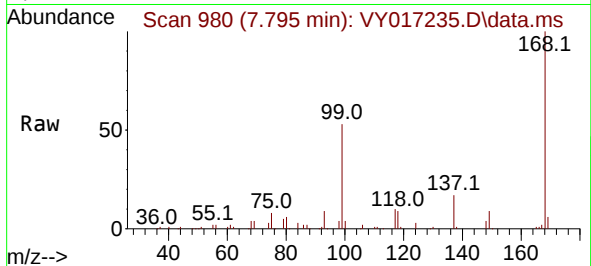




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017235.D
Acq: 05 Feb 2024 17:37

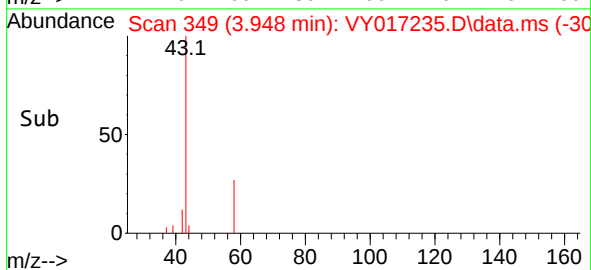
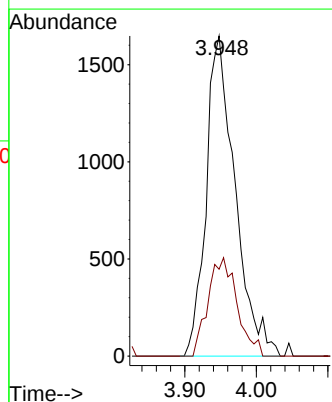
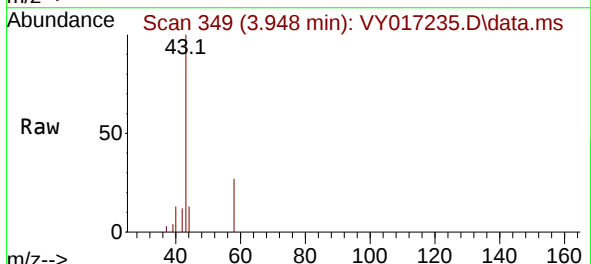
Instrument :
MSVOA_Y
ClientSampleId :
EB-3-0-2

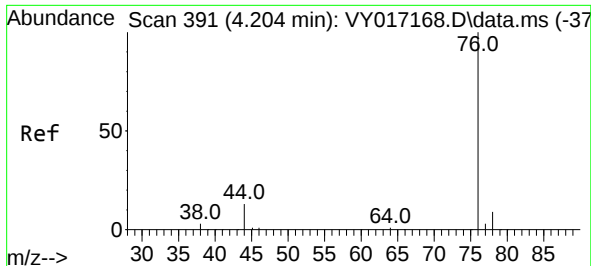
Tgt Ion:168 Resp: 70151
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#16
Acetone
Concen: 25.121 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017235.D
Acq: 05 Feb 2024 17:37

Tgt Ion: 43 Resp: 4627
Ion Ratio Lower Upper
43 100
58 27.1 26.6 39.8





#17

Carbon Disulfide

Concen: 1.984 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017235.D

Acq: 05 Feb 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

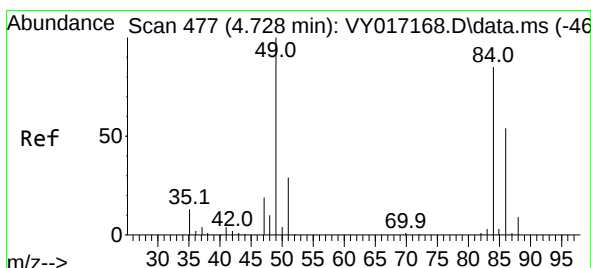
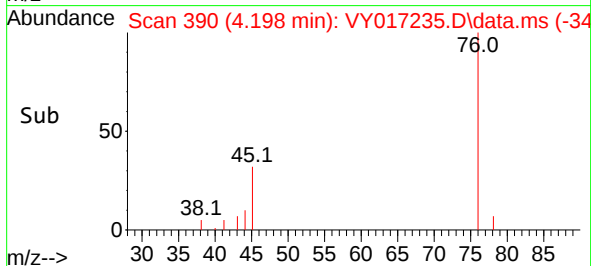
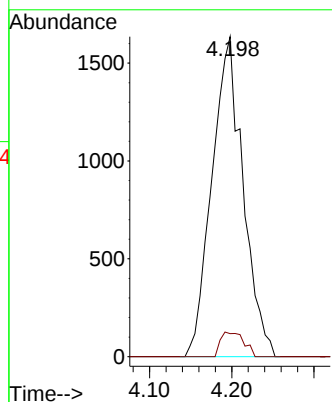
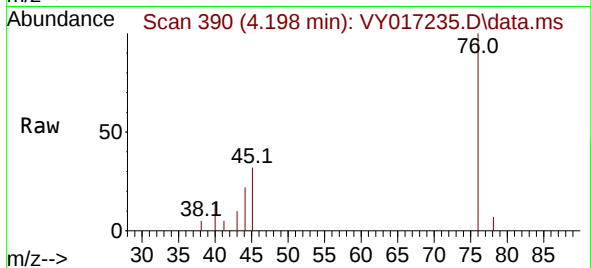
EB-3-0-2

Tgt Ion: 76 Resp: 4307

Ion Ratio Lower Upper

76 100

78 7.2 7.4 11.0#



#20

Methylene Chloride

Concen: 7.115 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017235.D

Acq: 05 Feb 2024 17:37

Tgt Ion: 84 Resp: 7634

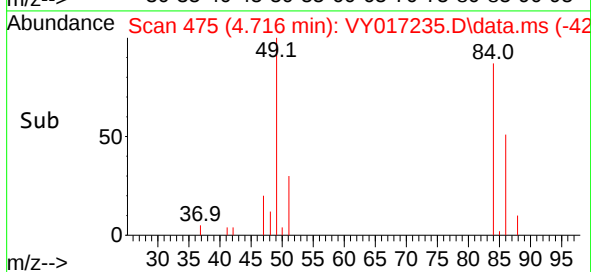
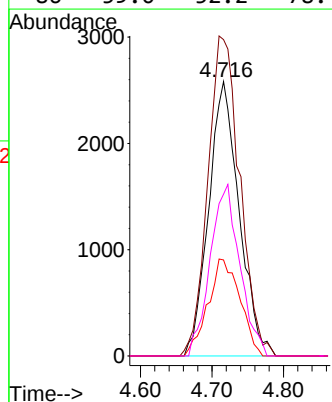
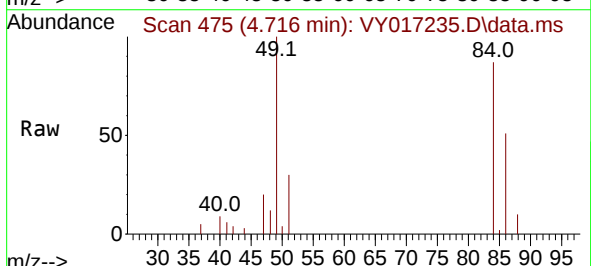
Ion Ratio Lower Upper

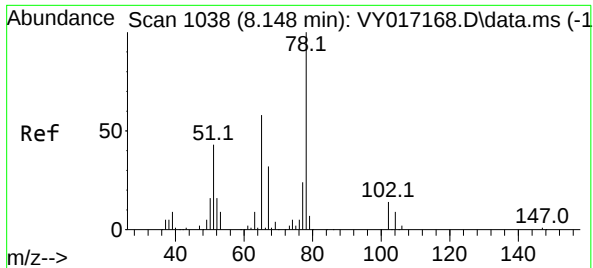
84 100

49 115.3 95.2 142.8

51 35.0 29.9 44.9

86 59.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 46.365 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017235.D

Acq: 05 Feb 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

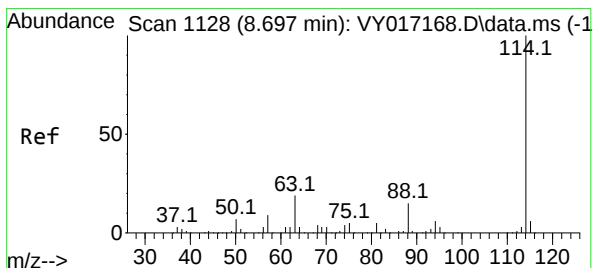
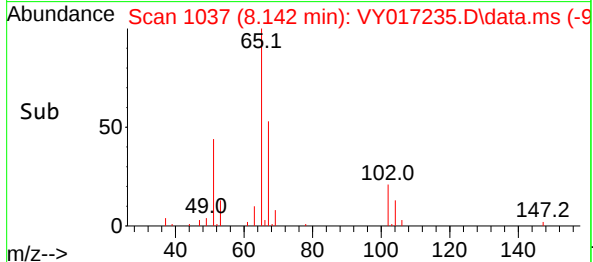
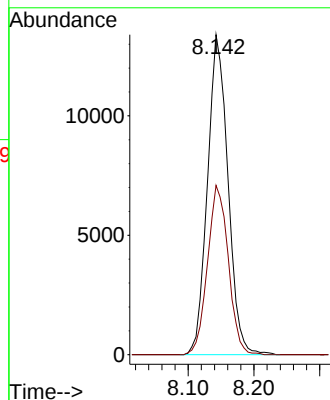
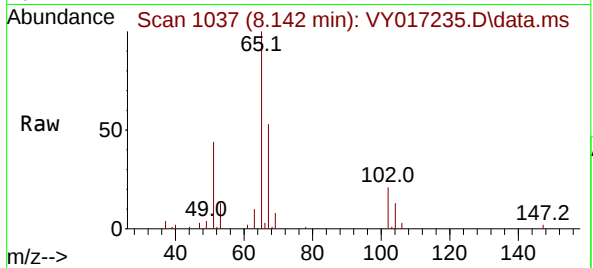
EB-3-0-2

Tgt Ion: 65 Resp: 29056

Ion Ratio Lower Upper

65 100

67 53.7 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: VY017235.D

Acq: 05 Feb 2024 17:37

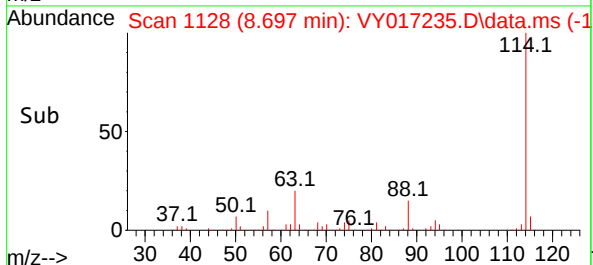
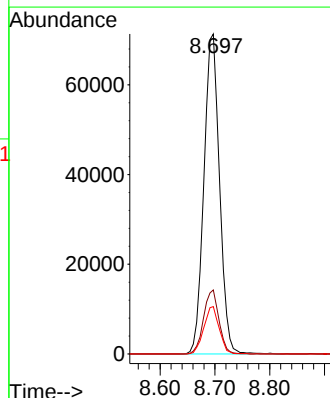
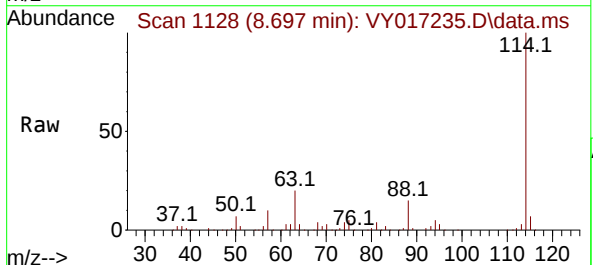
Tgt Ion: 114 Resp: 141062

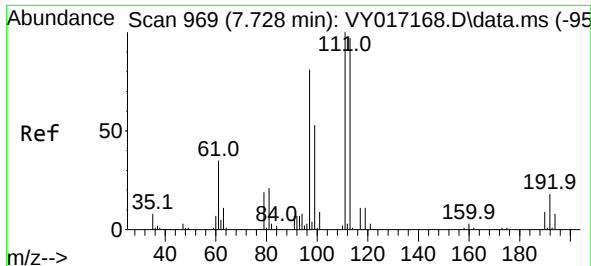
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.8 0.0 29.0

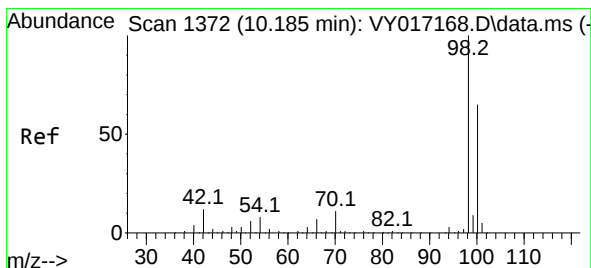
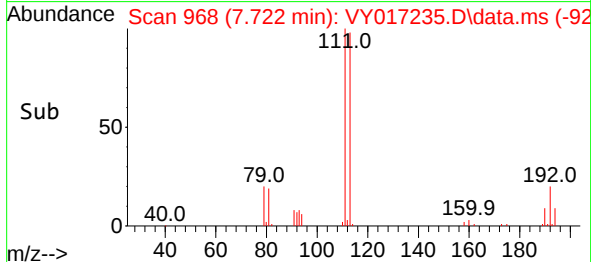
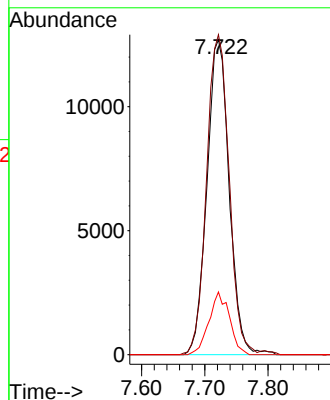
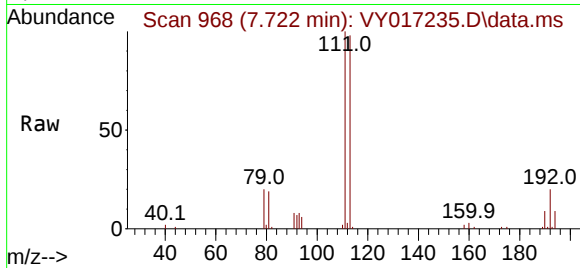




#35
Dibromofluoromethane
Concen: 40.826 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017235.D
Acq: 05 Feb 2024 17:37

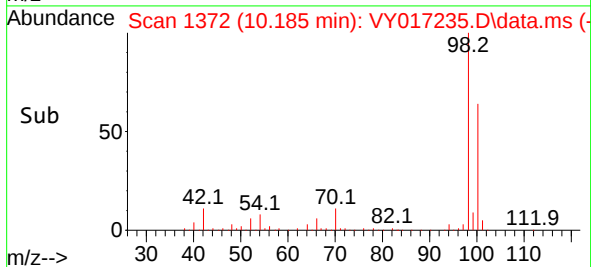
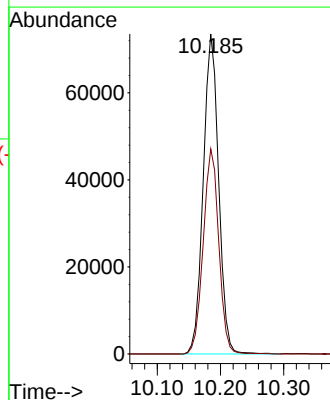
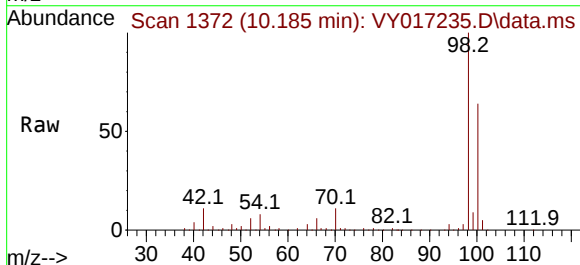
Instrument :
MSVOA_Y
ClientSampleId :
EB-3-0-2

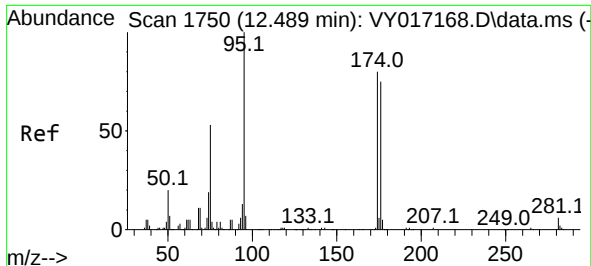
Tgt Ion:113 Resp: 31095
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.4 14.5 21.7



#50
Toluene-d8
Concen: 44.952 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017235.D
Acq: 05 Feb 2024 17:37

Tgt Ion: 98 Resp: 124657
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

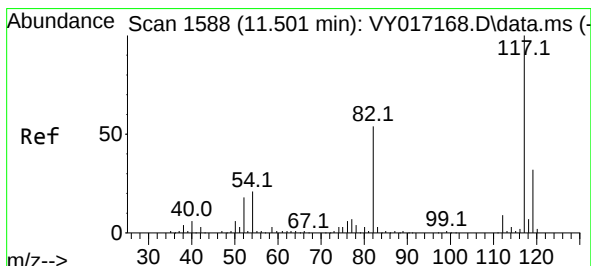
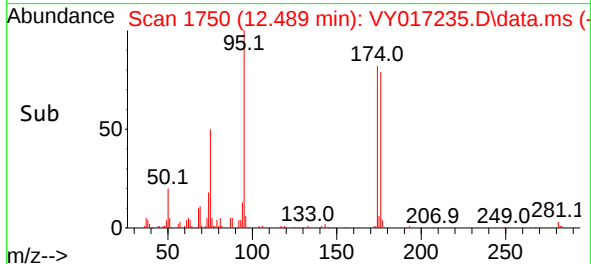
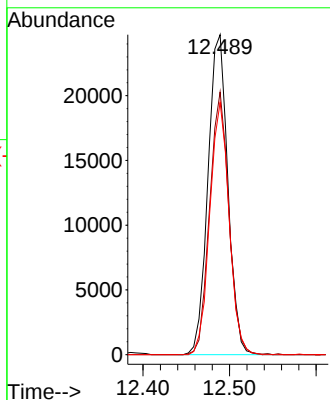
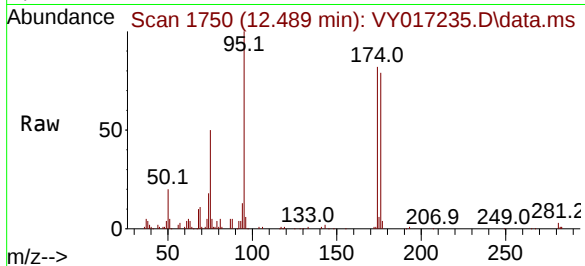




#62
4-Bromofluorobenzene
Concen: 43.436 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017235.D
Acq: 05 Feb 2024 17:37

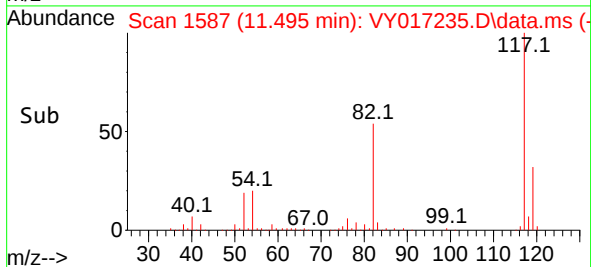
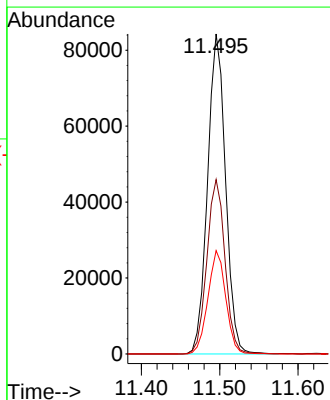
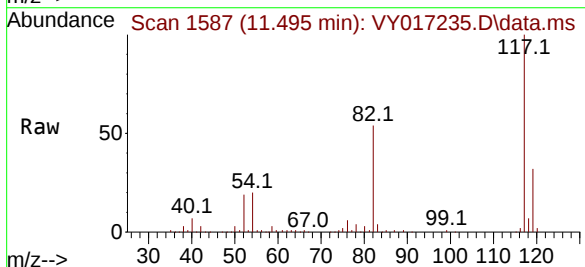
Instrument :
MSVOA_Y
ClientSampleId :
EB-3-0-2

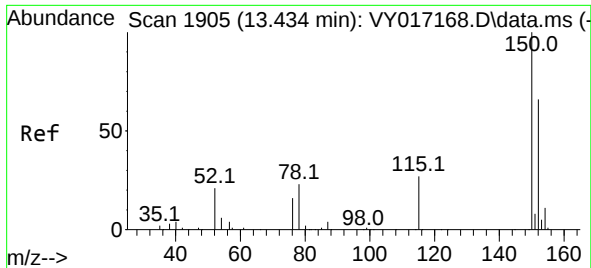
Tgt Ion:	95	Resp:	39458
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	160.0
176	76.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017235.D
Acq: 05 Feb 2024 17:37

Tgt Ion:	117	Resp:	134237
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	32.3	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: VY017235.D

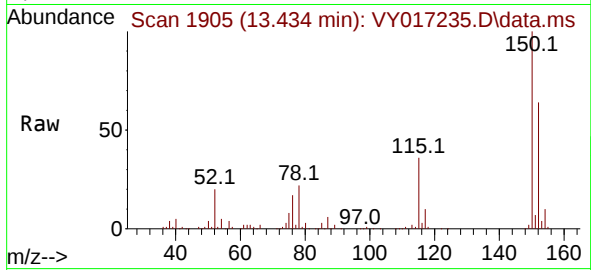
Acq: 05 Feb 2024 17:37

Instrument :

MSVOA_Y

ClientSampleId :

EB-3-0-2



Tgt Ion:152 Resp: 51336

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 155.8 0.0 344.6

