

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017230.D
 Acq On : 05 Feb 2024 15:40
 Operator : SY/MD
 Sample : P1367-07
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-7-5-7

Quant Time: Feb 06 01:00:59 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)

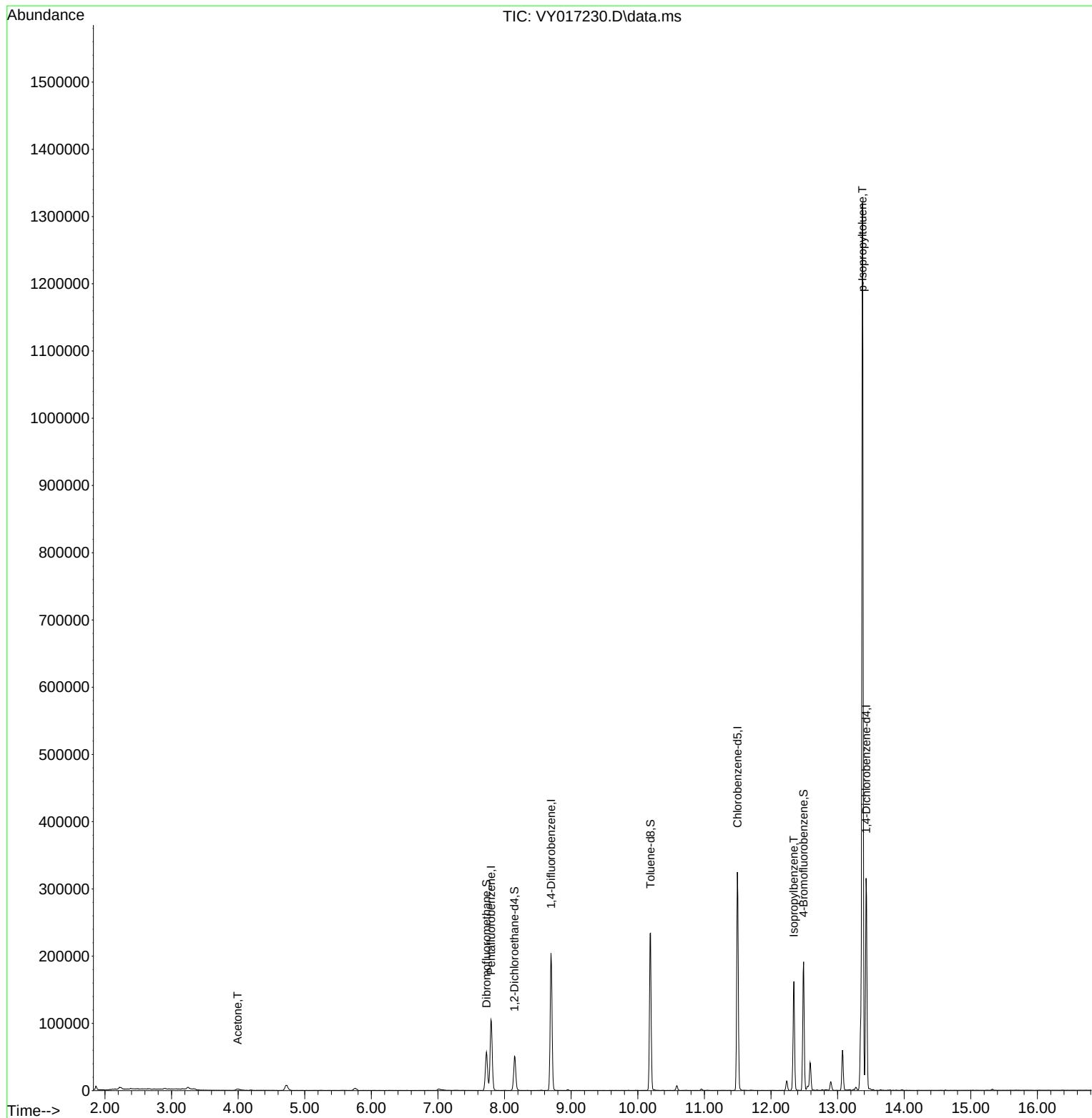
Internal Standards						
1) Pentafluorobenzene	7.795	168	80202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37847	52.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.640%	
35) Dibromofluoromethane	7.728	113	40576	43.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.700%	
50) Toluene-d8	10.191	98	154135	45.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.460%	
62) 4-Bromofluorobenzene	12.489	95	57242	51.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.540%	
Target Compounds						
					Qvalue	
16) Acetone	3.991	43	5615	26.664	ug/l	88
73) Isopropylbenzene	12.343	105	6289	1.102	ug/l #	74
86) p-Isopropyltoluene	13.373	119	689931	142.009	ug/l	99

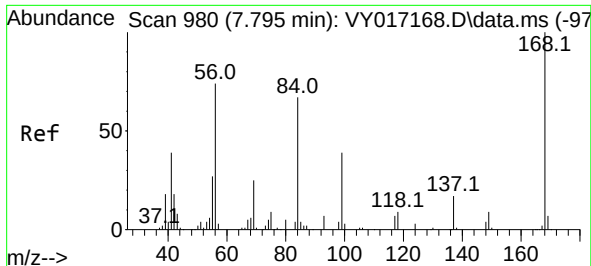
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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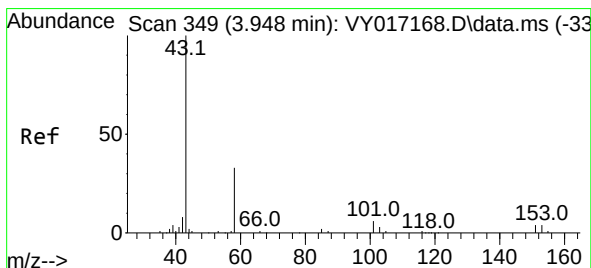
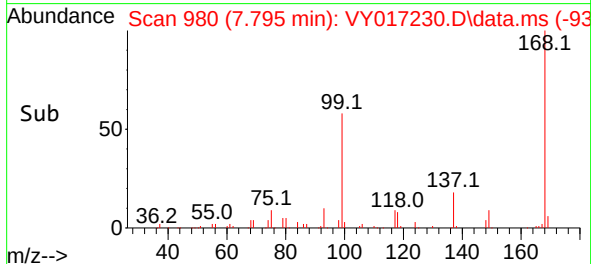
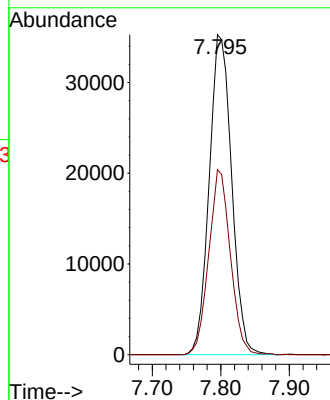
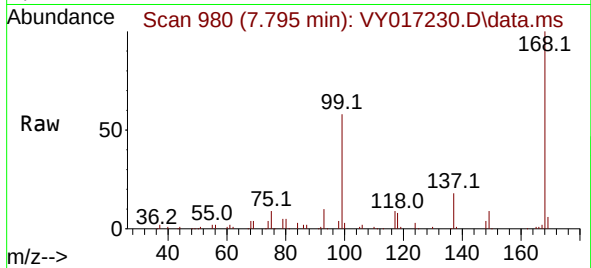




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

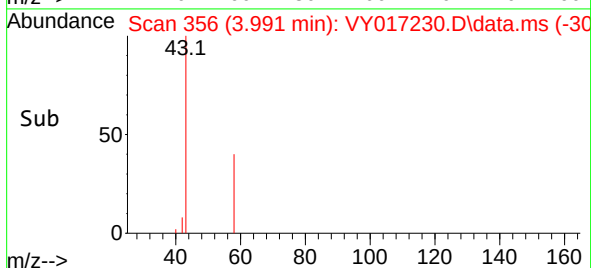
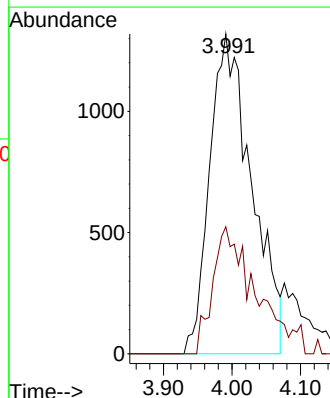
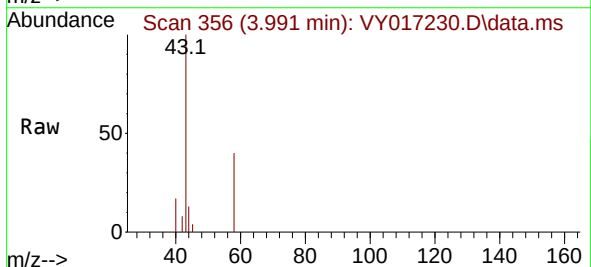
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

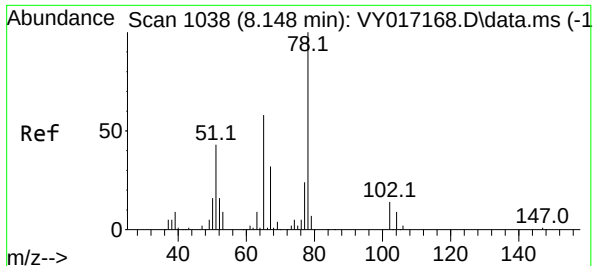
Tgt Ion:168 Resp: 80202
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4



#16
Acetone
Concen: 26.664 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.043 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 43 Resp: 5615
Ion Ratio Lower Upper
43 100
58 39.7 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 52.824 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017230.D

Acq: 05 Feb 2024 15:40

Instrument :

MSVOA_Y

ClientSampleId :

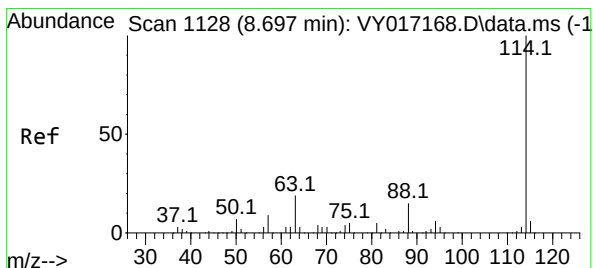
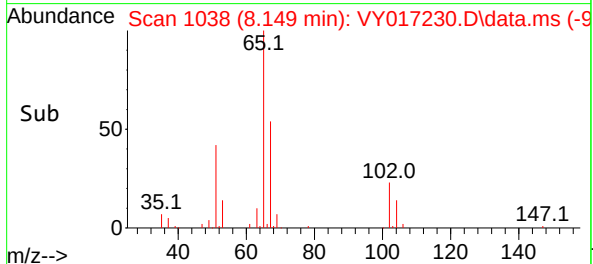
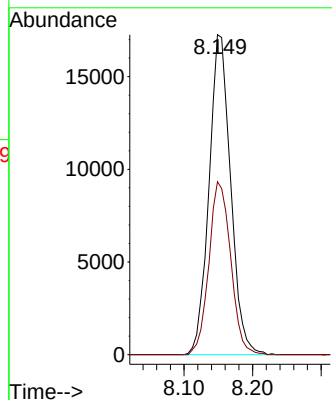
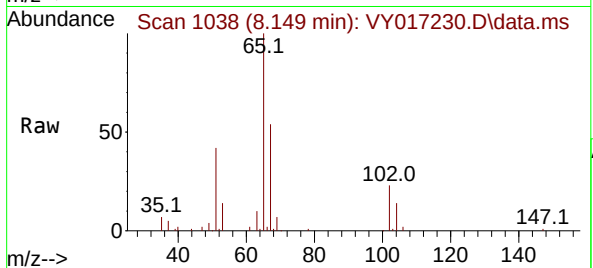
EB-7-5-7

Tgt Ion: 65 Resp: 37847

Ion Ratio Lower Upper

65 100

67 54.5 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: VY017230.D

Acq: 05 Feb 2024 15:40

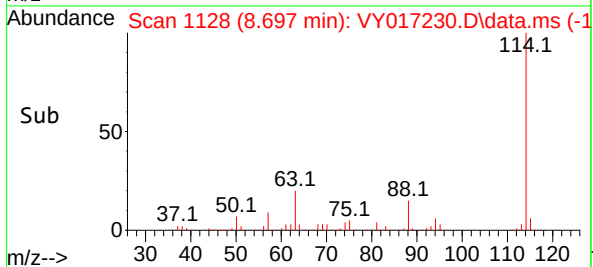
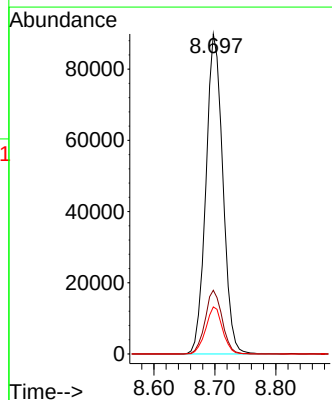
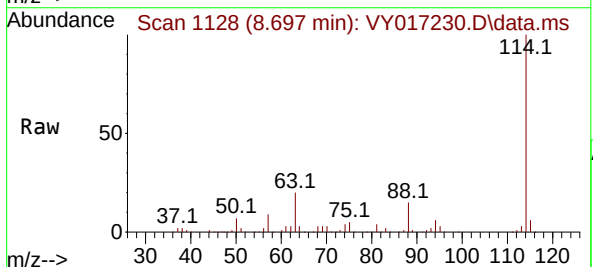
Tgt Ion: 114 Resp: 173364

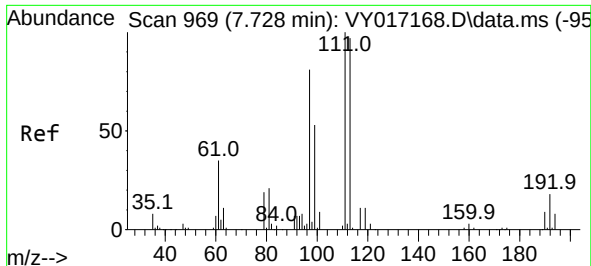
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.7 0.0 29.0

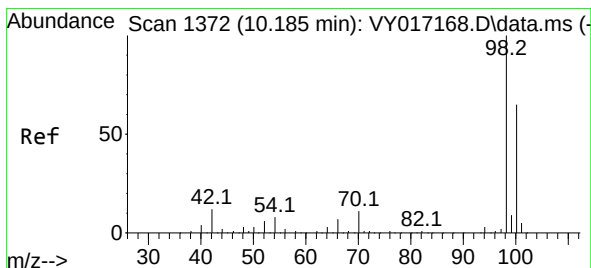
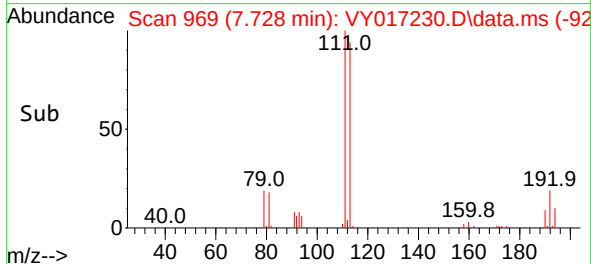
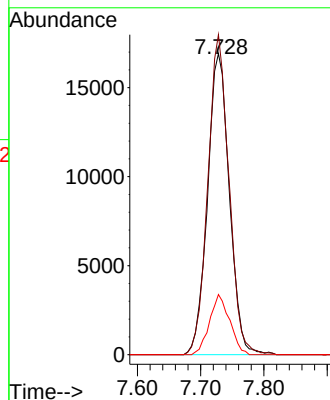
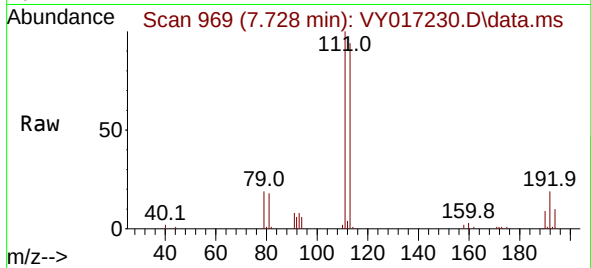




#35
Dibromofluoromethane
Concen: 43.348 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

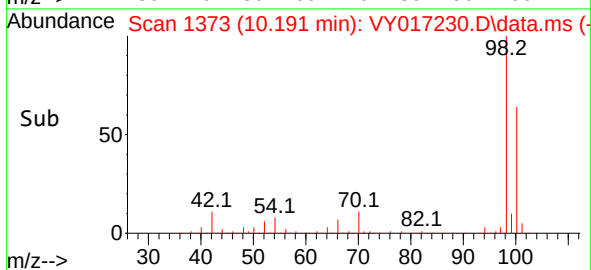
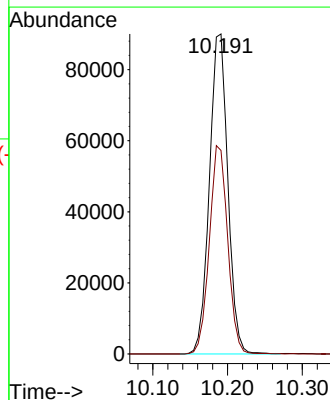
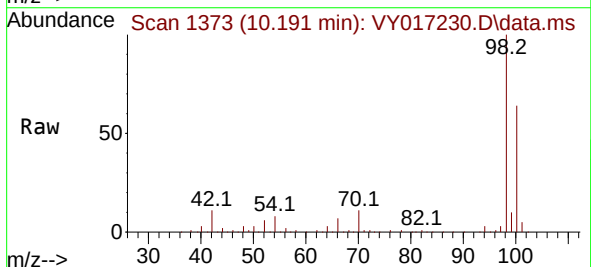
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

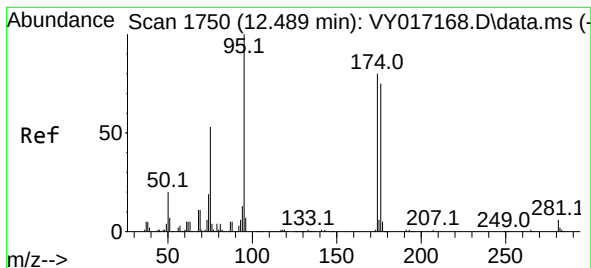
Tgt Ion:113 Resp: 40576
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.4 14.5 21.7



#50
Toluene-d8
Concen: 45.226 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.007 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion: 98 Resp: 154135
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

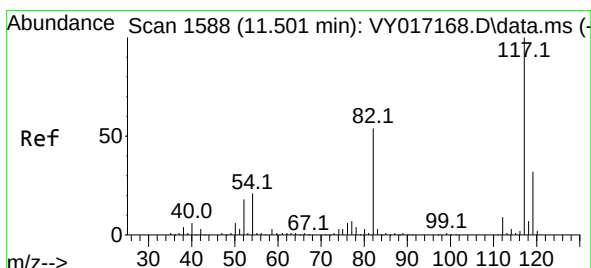
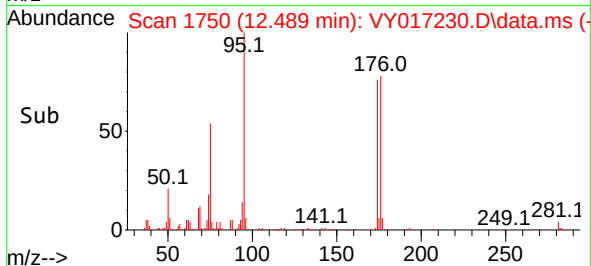
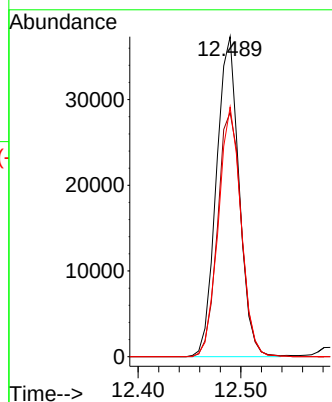
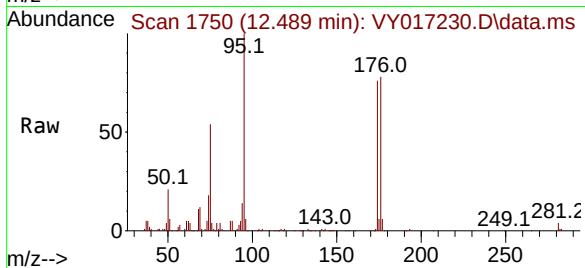




#62
4-Bromofluorobenzene
Concen: 51.272 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

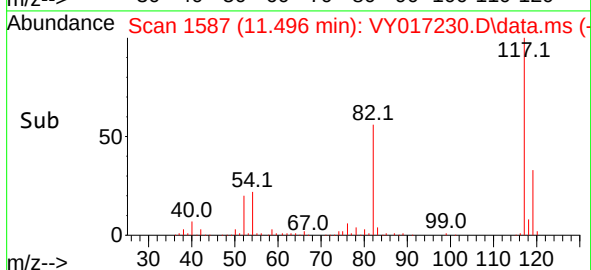
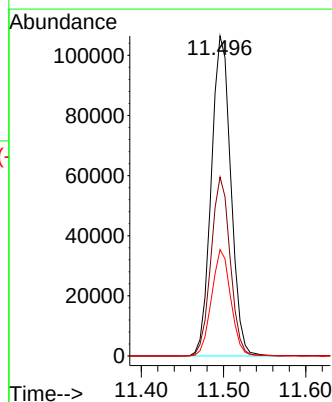
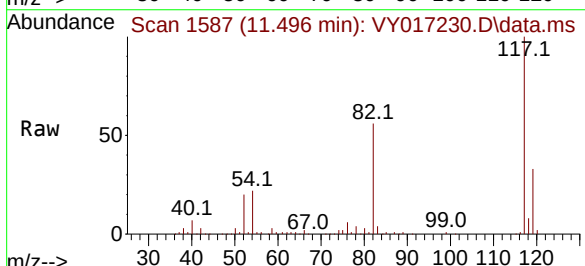
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7

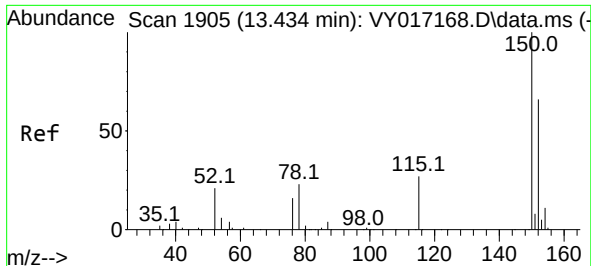
Tgt Ion:	95	Resp:	57242
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	160.0
176	78.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion:	117	Resp:	176339
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.8	65.8
119	33.3	26.5	39.7

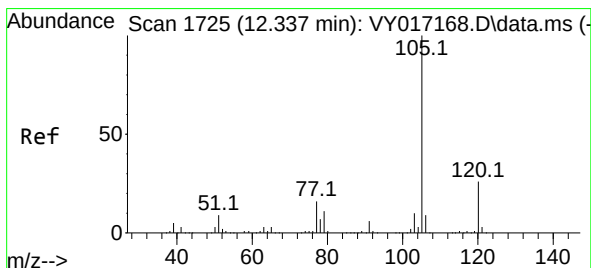
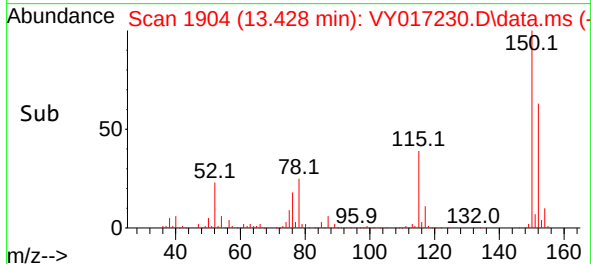
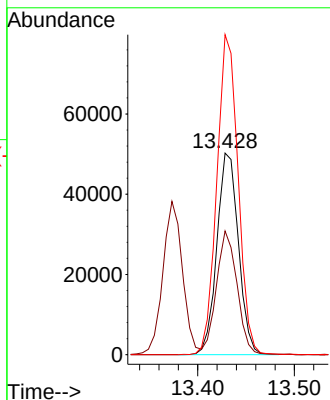
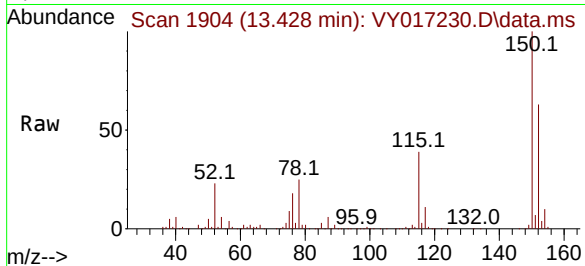




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

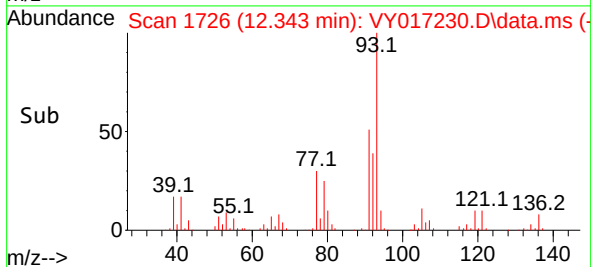
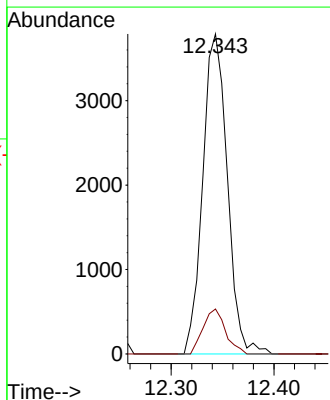
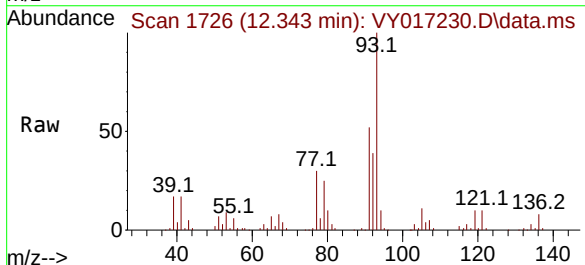
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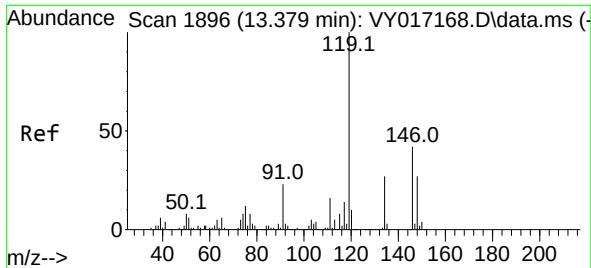
Tgt Ion:152 Resp: 77671
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 156.5 0.0 344.6



#73
Isopropylbenzene
Concen: 1.102 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.007 min
Lab File: VY017230.D
Acq: 05 Feb 2024 15:40

Tgt Ion:105 Resp: 6289
Ion Ratio Lower Upper
105 100
120 12.8 13.0 39.0#





#86
 p-Isopropyltoluene
 Concen: 142.009 ug/l
 RT: 13.373 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY017230.D
 Acq: 05 Feb 2024 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-7-5-7

Tgt Ion:119 Resp: 689931
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 23.7 11.7 35.0

