

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017816.D
 Acq On : 02 Apr 2024 11:01
 Operator : SY/MD
 Sample : P1945-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEW-10

Quant Time: Apr 03 02:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

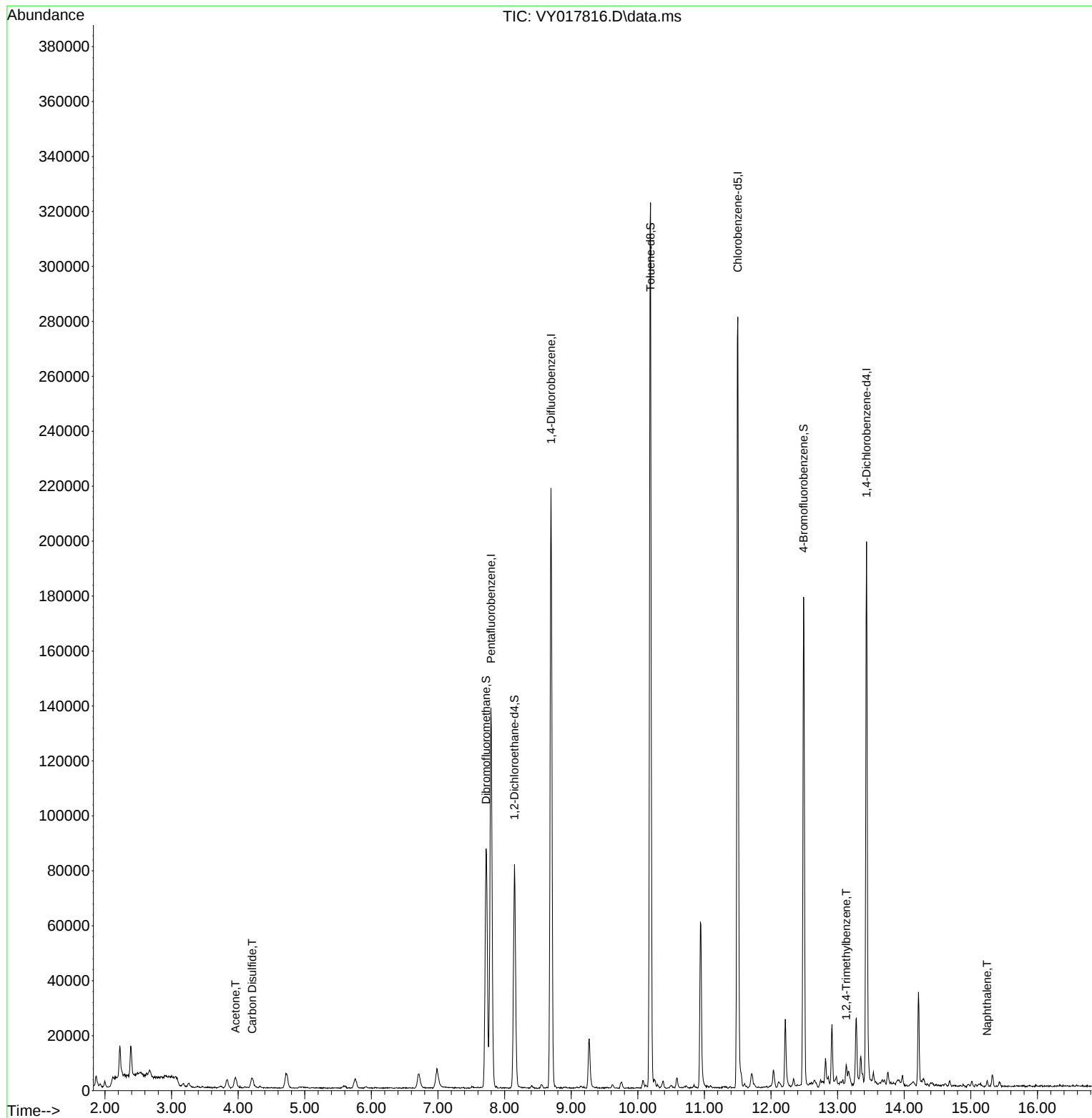
Internal Standards						
1) Pentafluorobenzene	7.795	168	110085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	156521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	52702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60609	63.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.240%	
35) Dibromofluoromethane	7.722	113	63248	58.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.840%	
50) Toluene-d8	10.191	98	213662	52.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	12.489	95	53273	43.293	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	6857	34.823	ug/l	98
17) Carbon Disulfide	4.210	76	3521	1.211	ug/l #	91
84) 1,2,4-Trimethylbenzene	13.129	105	4029	1.403	ug/l	95
95) Naphthalene	15.245	128	2022	2.602	ug/l #	90

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

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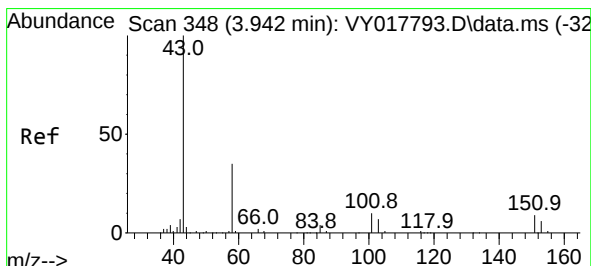
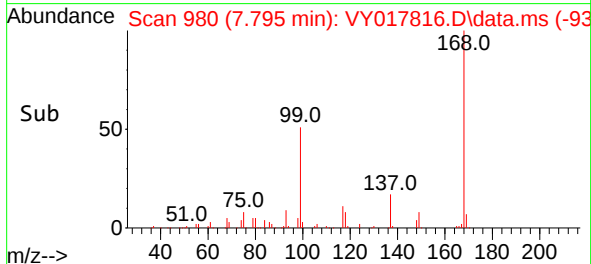
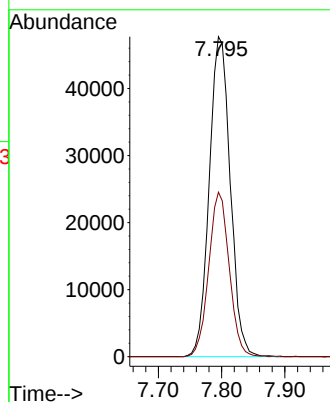
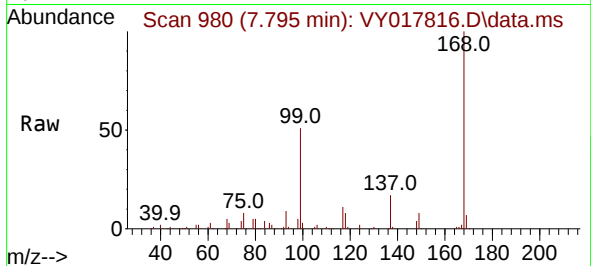




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

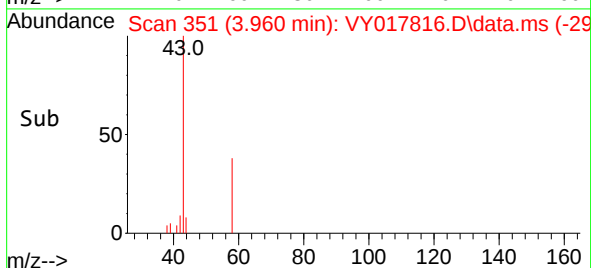
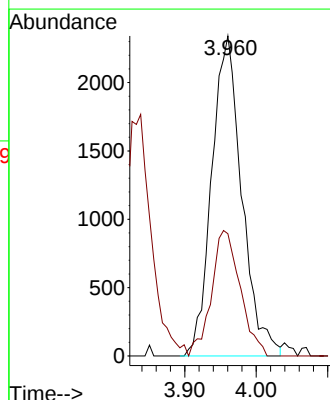
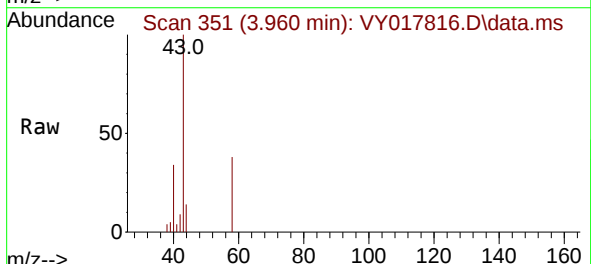
Instrument :
MSVOA_Y
ClientSampleId :
SEW-10

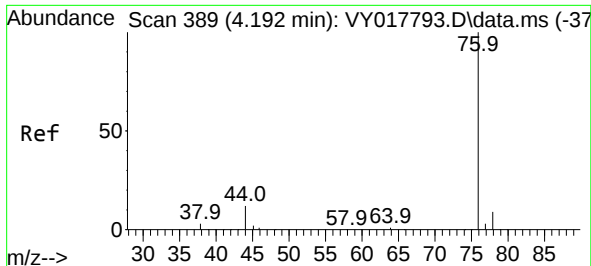
Tgt Ion:168 Resp: 110085
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#16
Acetone
Concen: 34.823 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

Tgt Ion: 43 Resp: 6857
Ion Ratio Lower Upper
43 100
58 38.2 31.7 47.5





#17

Carbon Disulfide

Concen: 1.211 ug/l

RT: 4.210 min Scan# 392

Delta R.T. 0.018 min

Lab File: VY017816.D

Acq: 02 Apr 2024 11:01

Instrument :

MSVOA_Y

ClientSampleId :

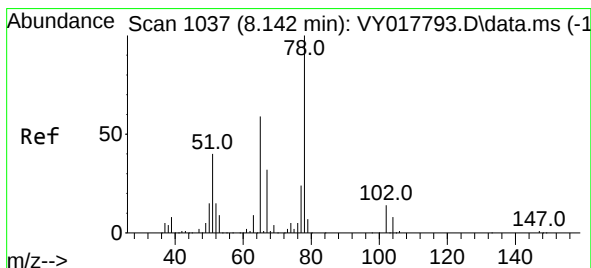
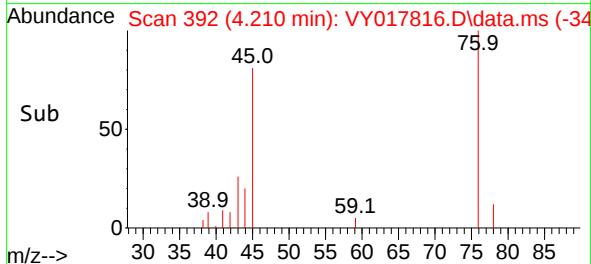
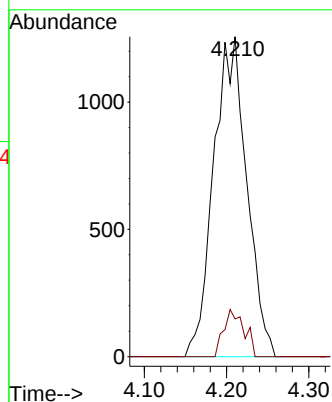
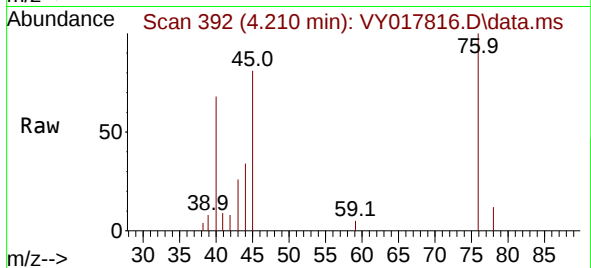
SEW-10

Tgt Ion: 76 Resp: 3521

Ion Ratio Lower Upper

76 100

78 11.8 6.8 10.2#



#33

1,2-Dichloroethane-d4

Concen: 63.624 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY017816.D

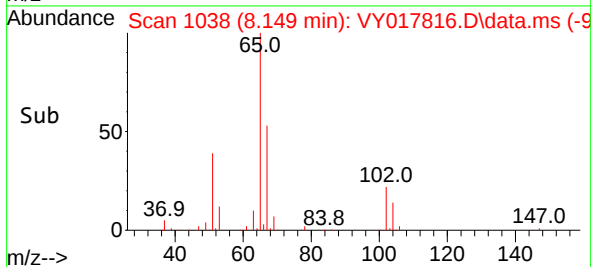
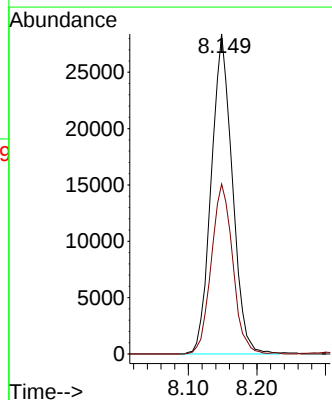
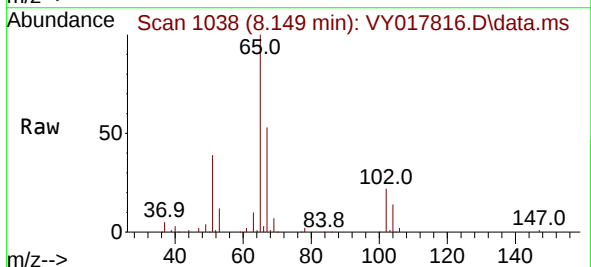
Acq: 02 Apr 2024 11:01

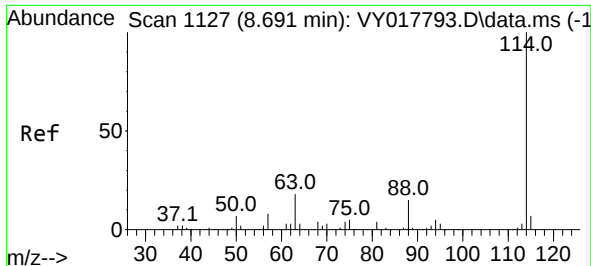
Tgt Ion: 65 Resp: 60609

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017816.D

Acq: 02 Apr 2024 11:01

Instrument :

MSVOA_Y

ClientSampleId :

SEW-10

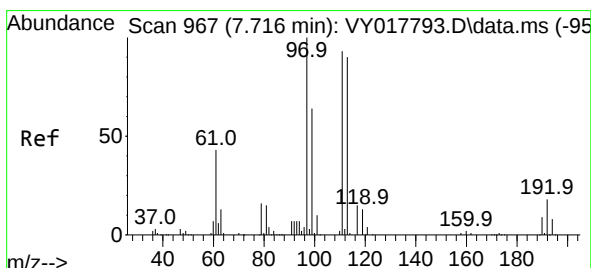
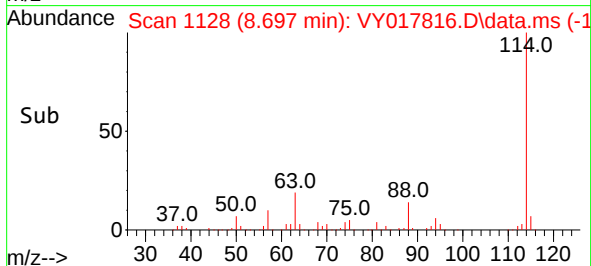
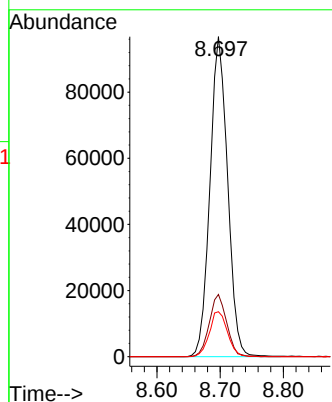
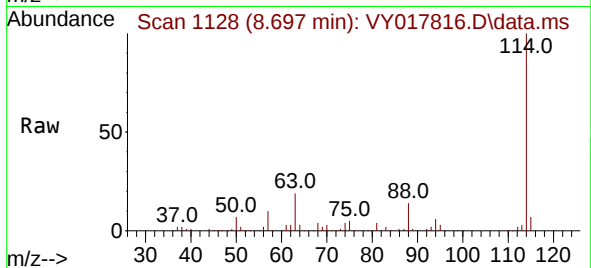
Tgt Ion:114 Resp: 187375

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.415 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017816.D

Acq: 02 Apr 2024 11:01

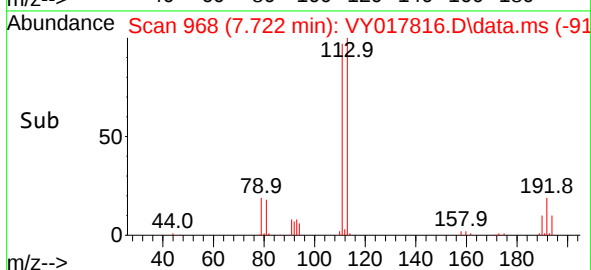
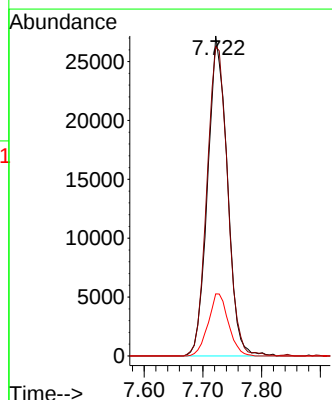
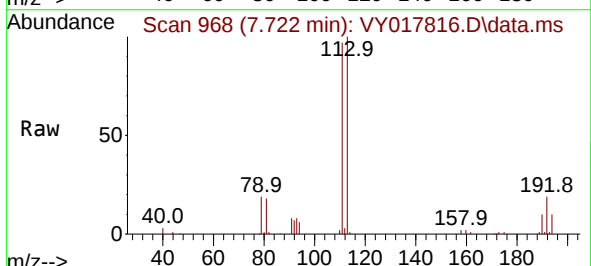
Tgt Ion:113 Resp: 63248

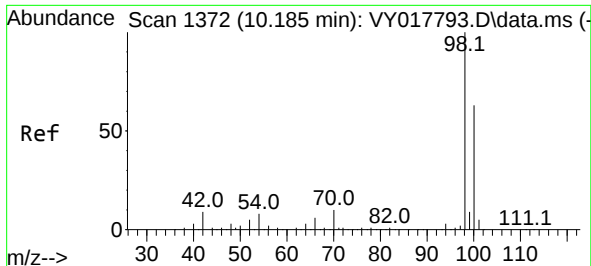
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.0 15.9 23.9

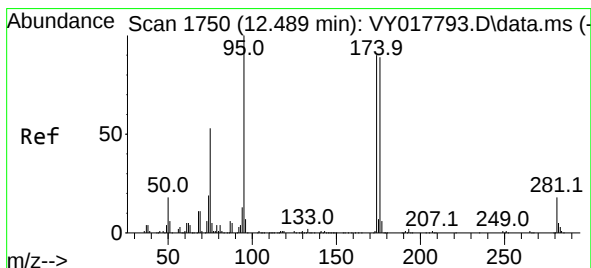
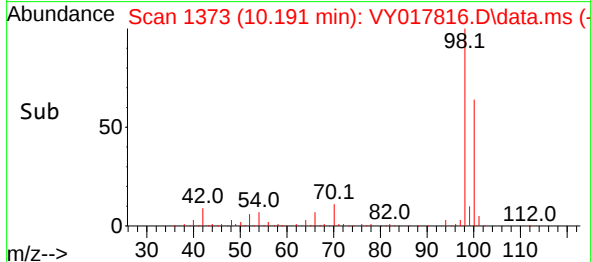
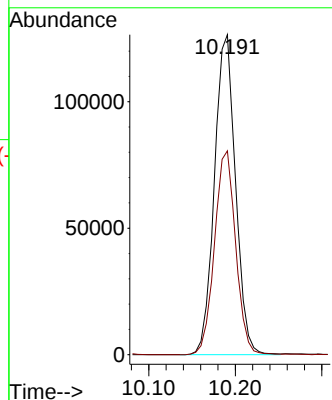
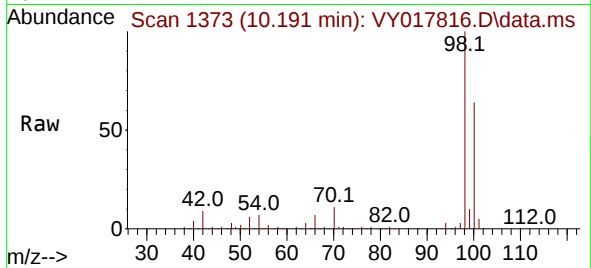




#50
Toluene-d8
Concen: 52.828 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

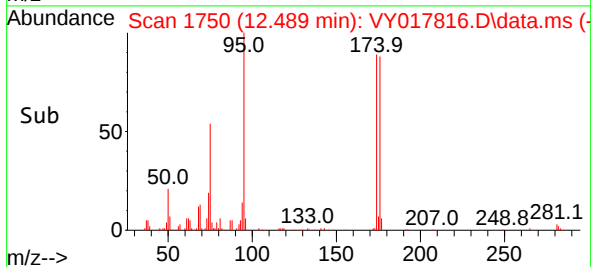
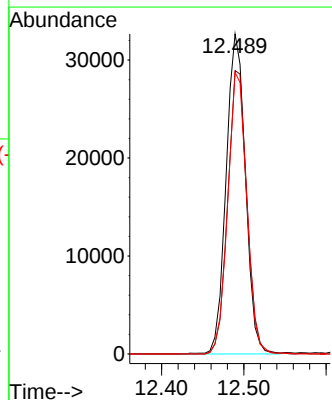
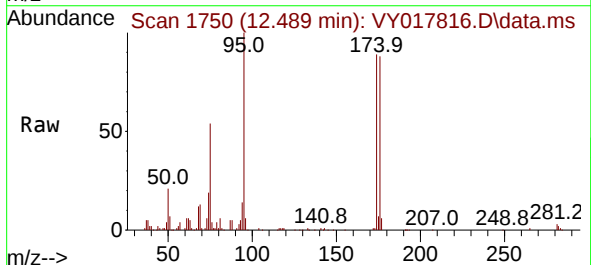
Instrument :
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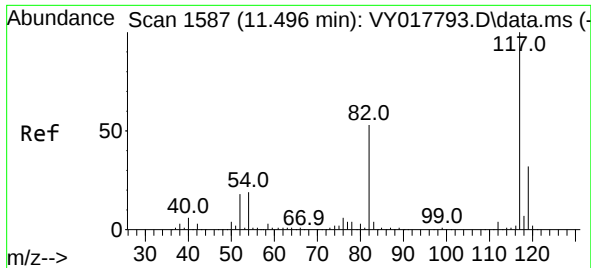
Tgt Ion: 98 Resp: 213662
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.293 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

Tgt Ion: 95 Resp: 53273
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 86.5 0.0 171.4

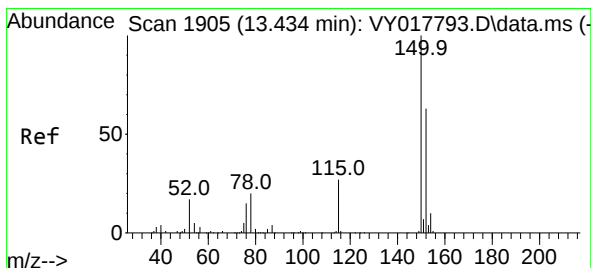
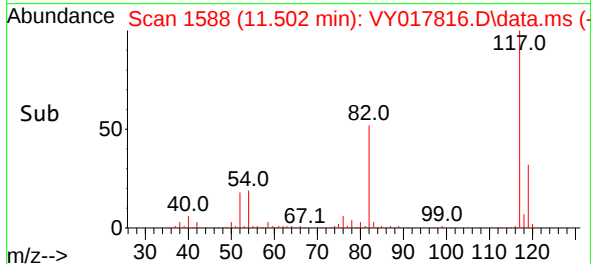
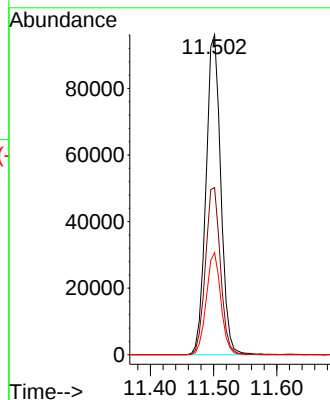
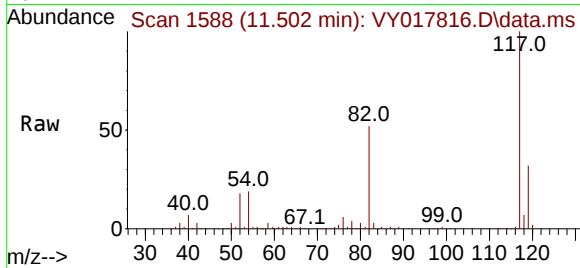




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

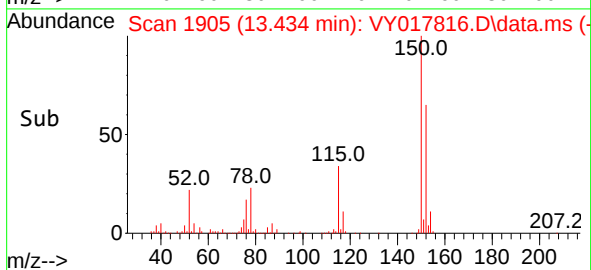
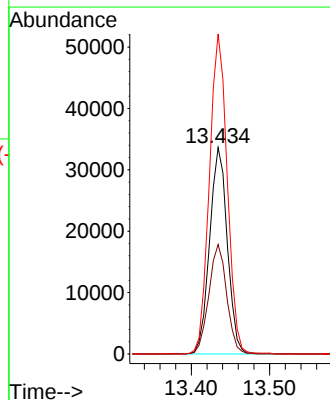
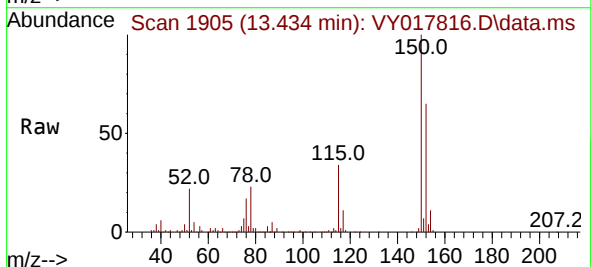
Instrument :
MSVOA_Y
ClientSampleId :
SEW-10

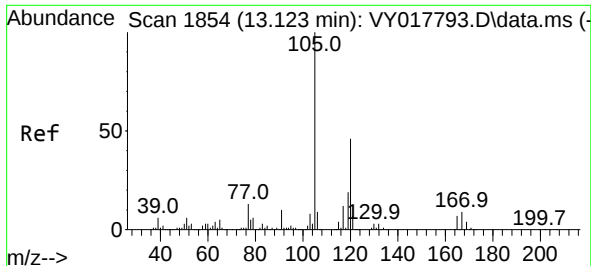
Tgt Ion:117 Resp: 156521
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

Tgt Ion:152 Resp: 52702
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 156.3 0.0 345.6

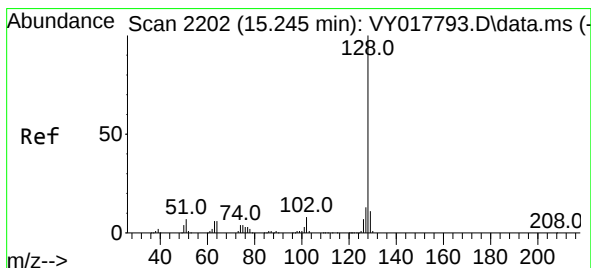
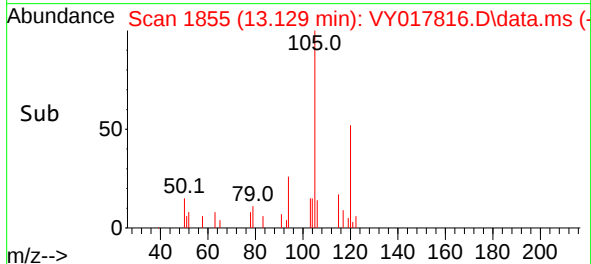
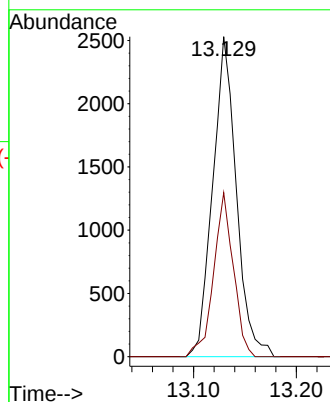
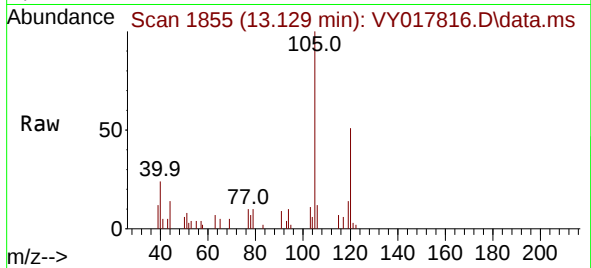




#84
1,2,4-Trimethylbenzene
Concen: 1.403 ug/l
RT: 13.129 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:105 Resp: 4029
Ion Ratio Lower Upper
105 100
120 42.9 23.2 69.6



#95
Naphthalene
Concen: 2.602 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017816.D
Acq: 02 Apr 2024 11:01

Tgt Ion:128 Resp: 2022
Ion Ratio Lower Upper
128 100
127 9.5 10.6 16.0#
129 6.5 8.6 13.0#

