

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062722\
 Data File : VU049430.D
 Acq On : 28 Jun 2022 02:40
 Operator : SY/MD
 Sample : N3386-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW181S-20220614

Quant Time: Jun 28 07:13:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 05:14:22 2022
 Response via : Initial Calibration

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

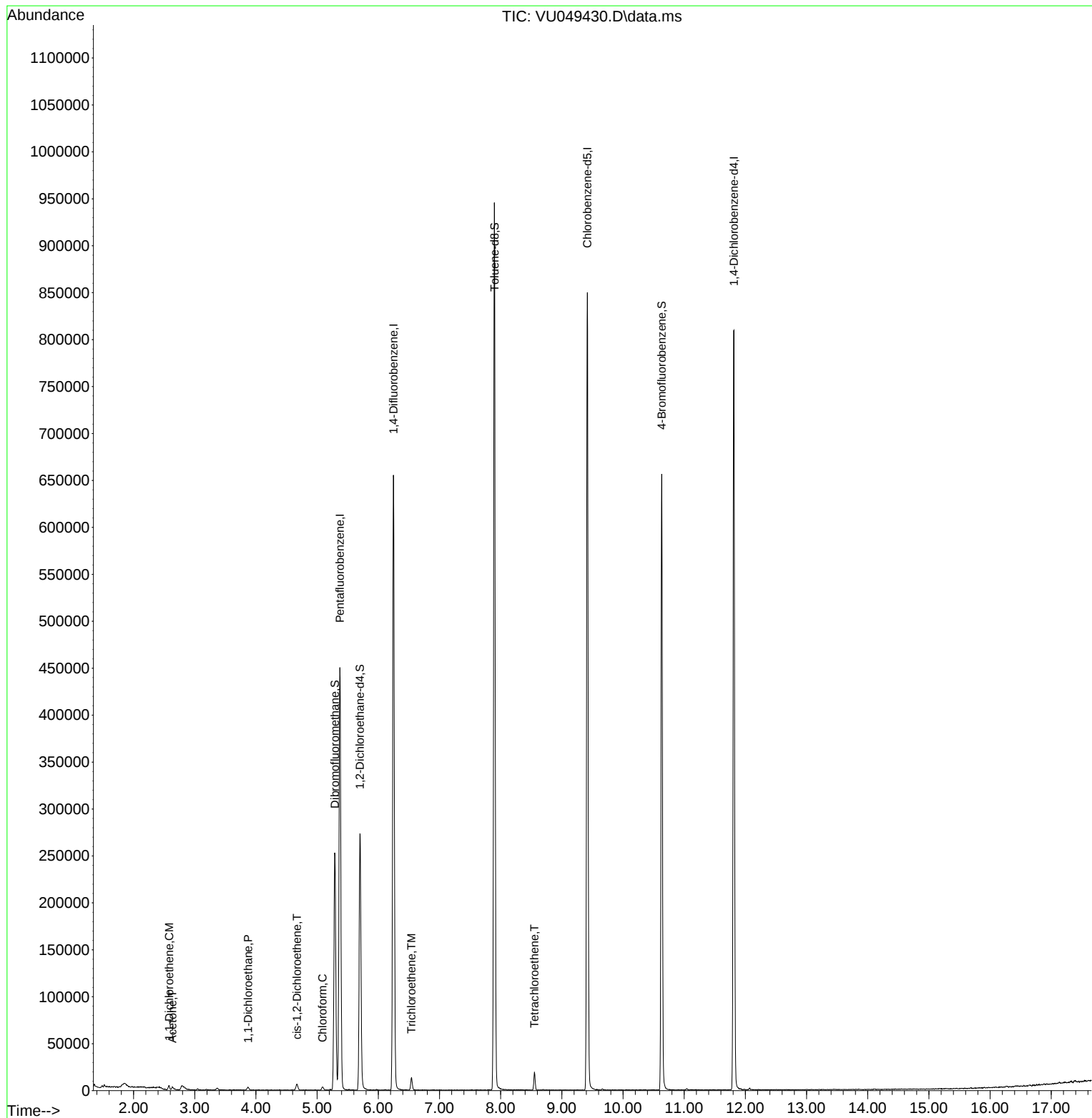
Internal Standards						
1) Pentafluorobenzene	5.372	168	309060	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	532001	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	469098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	212387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	205556	43.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.380%
35) Dibromofluoromethane	5.289	113	164912	44.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.620%
50) Toluene-d8	7.899	98	626799	47.215	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.420%
62) 4-Bromofluorobenzene	10.632	95	227402	44.717	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.440%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	1526	0.455	ug/l	90
16) Acetone	2.636	43	4121	1.717	ug/l	# 84
24) 1,1-Dichloroethane	3.874	63	3989	0.536	ug/l	# 93
27) cis-1,2-Dichloroethene	4.671	96	3367	0.805	ug/l	97
30) Chloroform	5.089	83	3540	0.481	ug/l	93
44) Trichloroethene	6.539	130	4538	1.172	ug/l	88
64) Tetrachloroethene	8.552	164	4089	1.359	ug/l	# 90

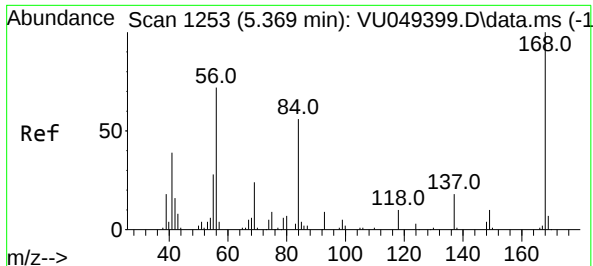
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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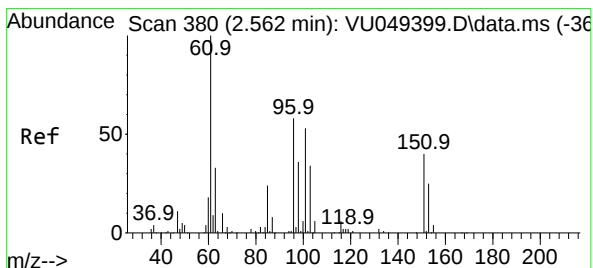
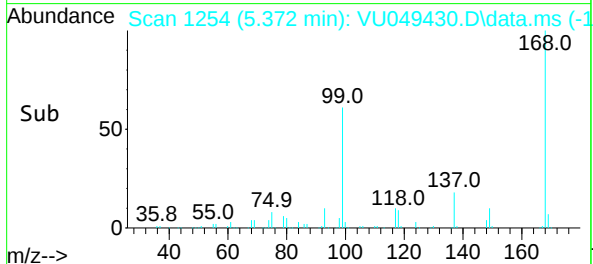
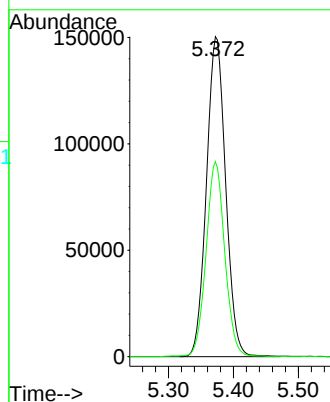
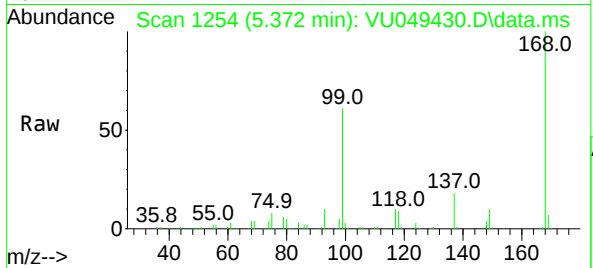




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

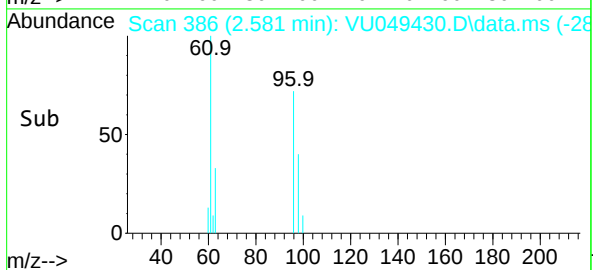
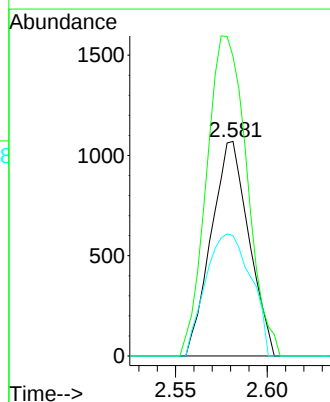
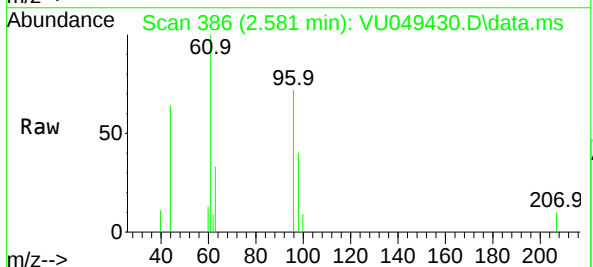
Instrument :
MSVOA_U
ClientSampleId :
MW181S-20220614

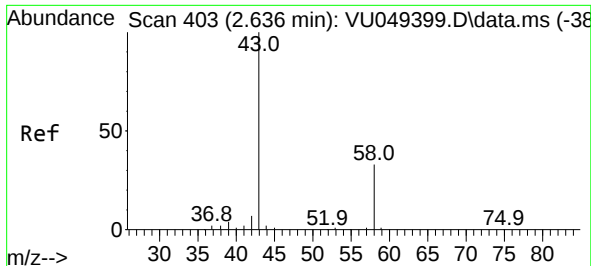
Tgt Ion:168 Resp: 309060
Ion Ratio Lower Upper
168 100
99 60.9 39.3 58.9#



#12
1,1-Dichloroethene
Concen: 0.455 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 96 Resp: 1526
Ion Ratio Lower Upper
96 100
61 139.6 122.2 183.2
98 56.1 50.7 76.1





#16

Acetone

Concen: 1.717 ug/l

RT: 2.636 min Scan# 403

Delta R.T. 0.000 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

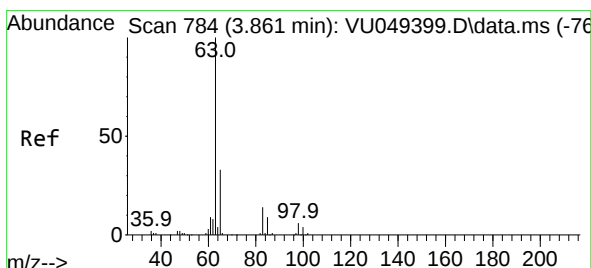
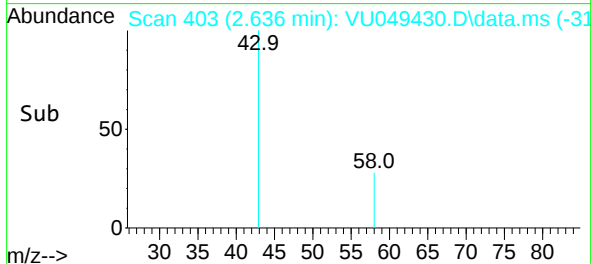
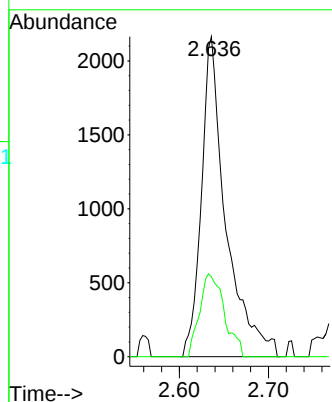
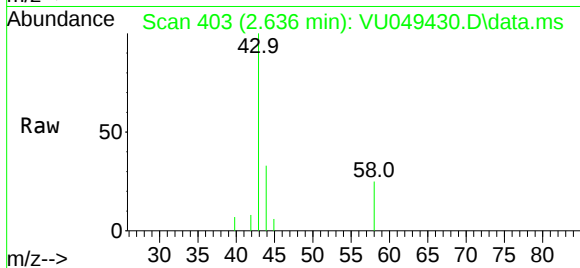
MW181S-20220614

Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

43 100

58 25.0 27.5 41.3#



#24

1,1-Dichloroethane

Concen: 0.536 ug/l

RT: 3.874 min Scan# 788

Delta R.T. 0.013 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

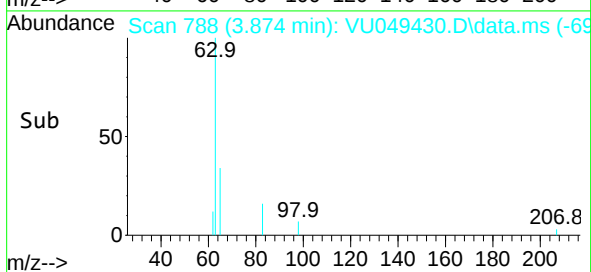
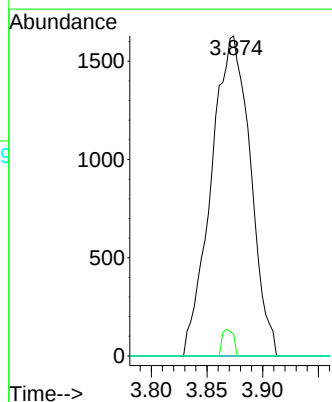
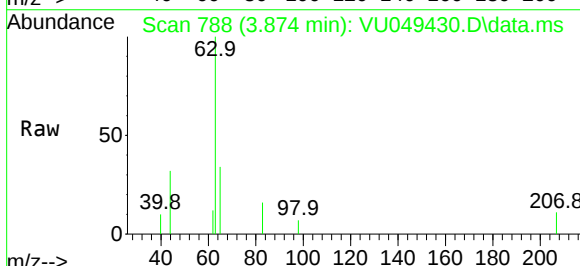
Tgt Ion: 63 Resp: 3989

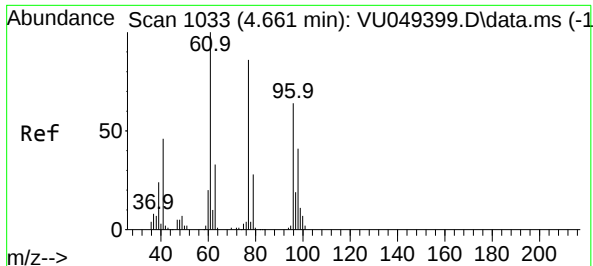
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 0.0 2.4 7.2#

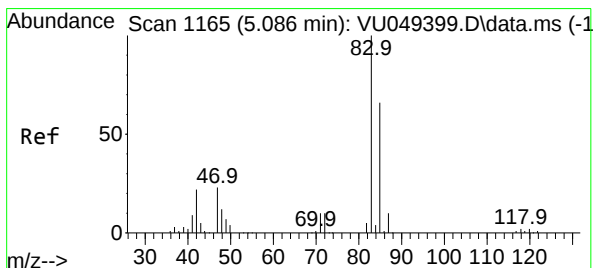
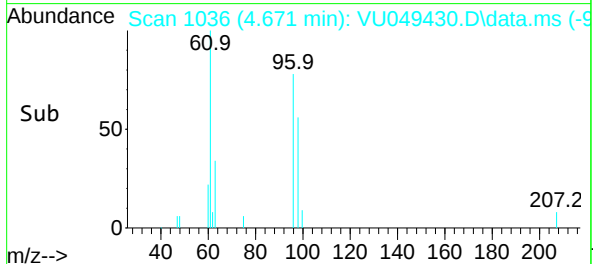
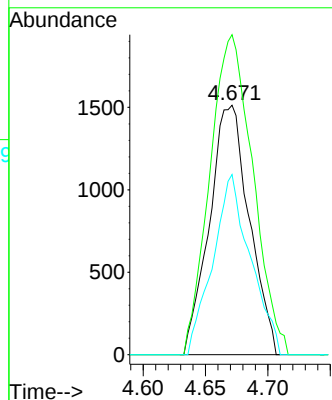
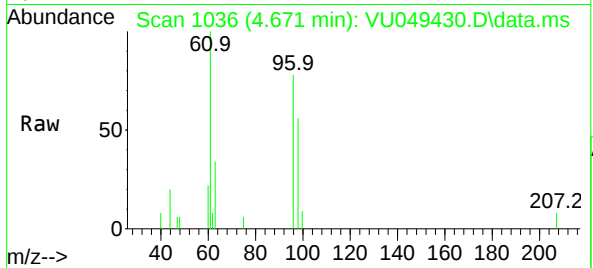




#27
cis-1,2-Dichloroethene
Concen: 0.805 ug/l
RT: 4.671 min Scan# 1033
Delta R.T. 0.010 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

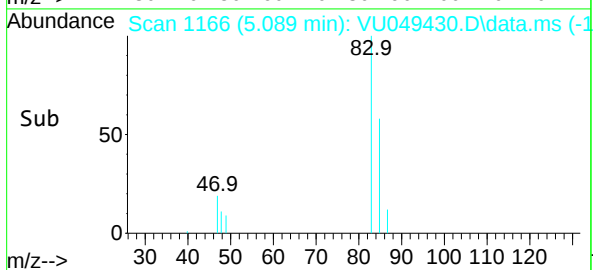
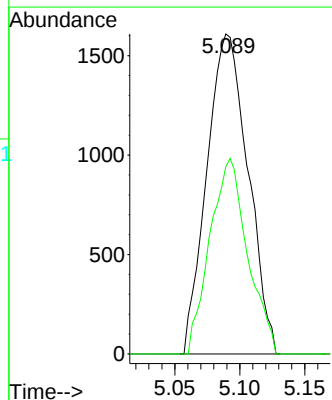
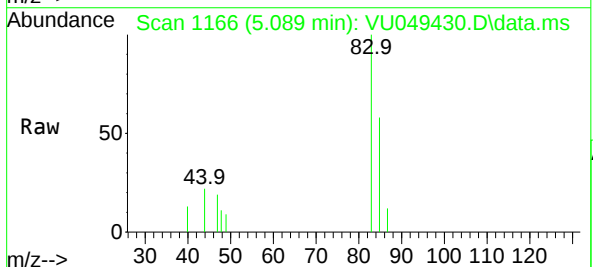
Instrument :
MSVOA_U
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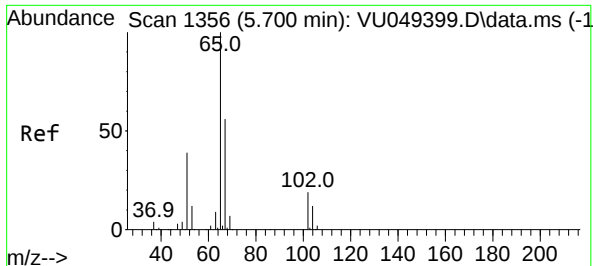
Tgt Ion: 96 Resp: 3367
Ion Ratio Lower Upper
96 100
61 138.5 0.0 271.6
98 68.1 0.0 128.2



#30
Chloroform
Concen: 0.481 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 83 Resp: 3540
Ion Ratio Lower Upper
83 100
85 58.5 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 43.187 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

Instrument :

MSVOA_U

ClientSampleId :

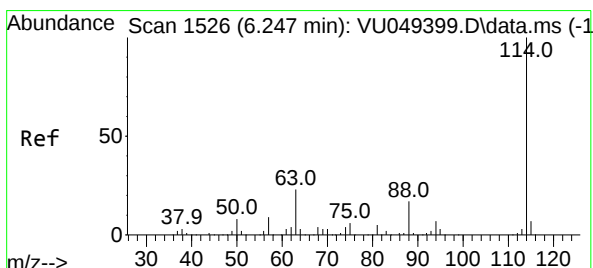
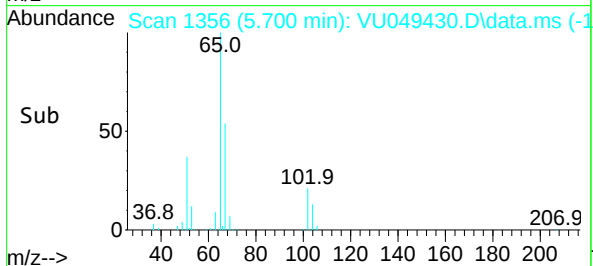
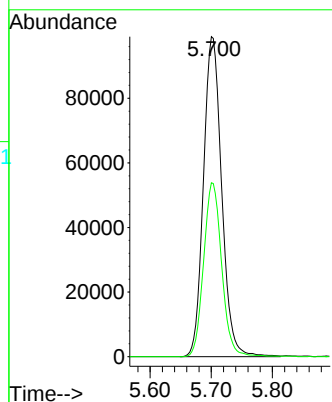
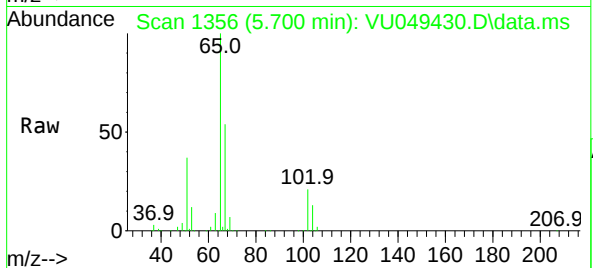
MW181S-20220614

Tgt Ion: 65 Resp: 205556

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049430.D

Acq: 28 Jun 2022 02:40

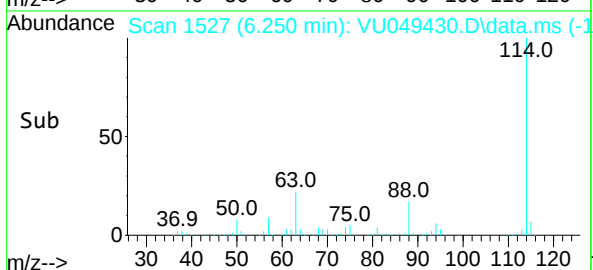
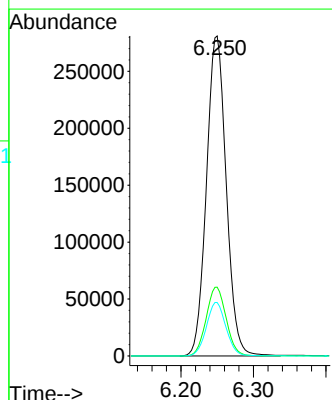
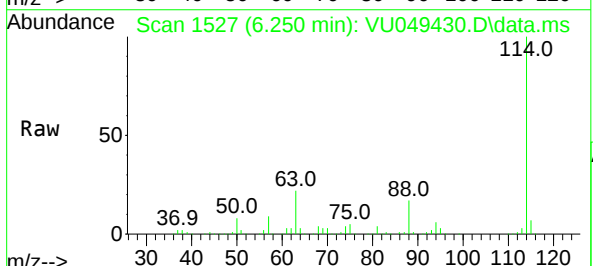
Tgt Ion: 114 Resp: 532001

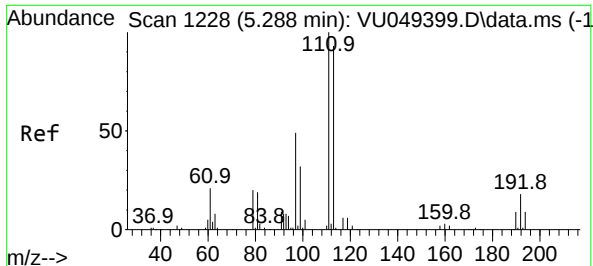
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.7 0.0 29.2

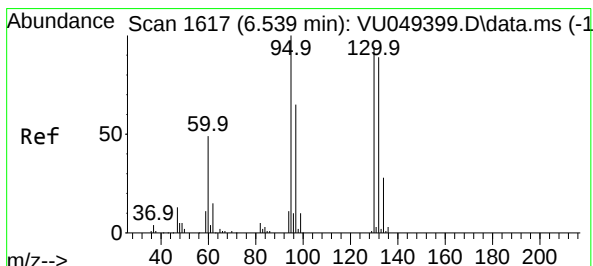
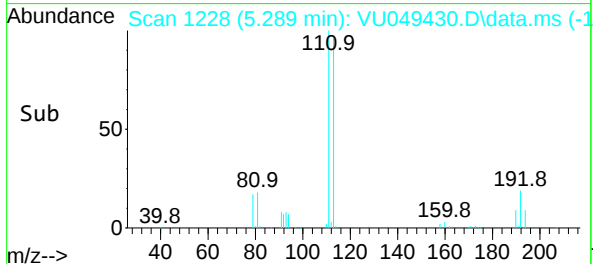
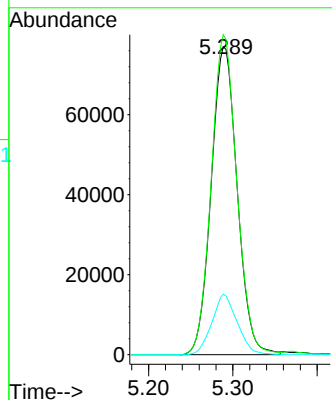
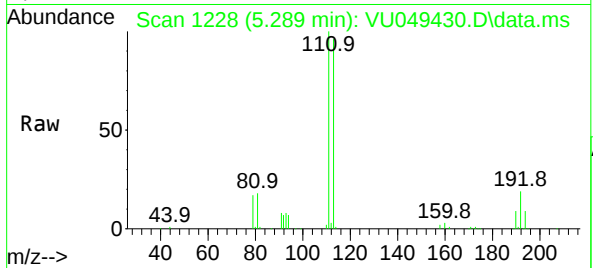




#35
Dibromofluoromethane
Concen: 44.307 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

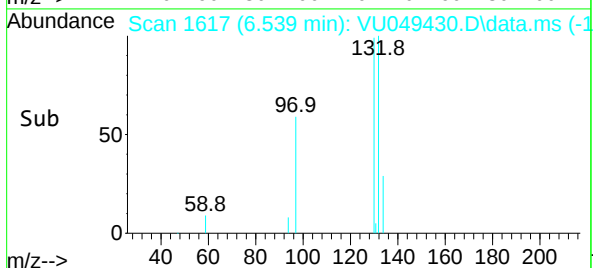
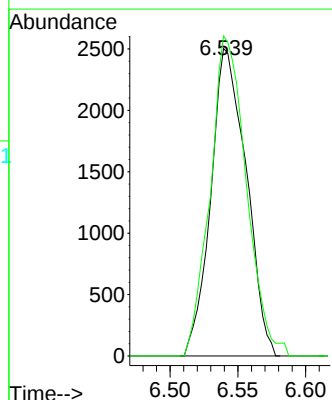
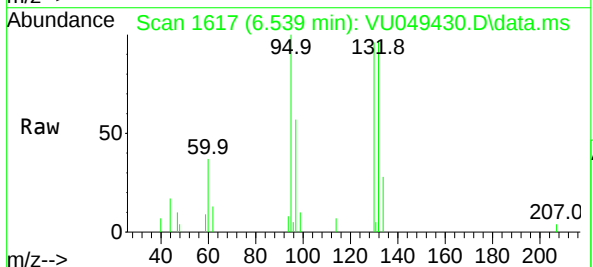
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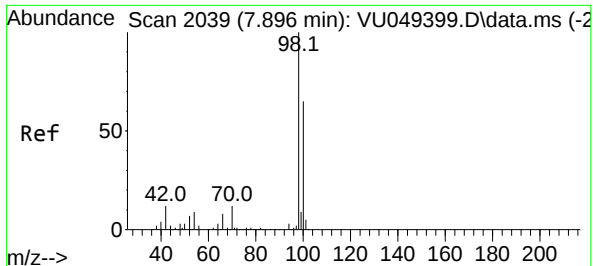
Tgt Ion:113 Resp: 164912
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 19.0 18.0 27.0



#44
Trichloroethene
Concen: 1.172 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion:130 Resp: 4538
Ion Ratio Lower Upper
130 100
95 104.1 0.0 184.6

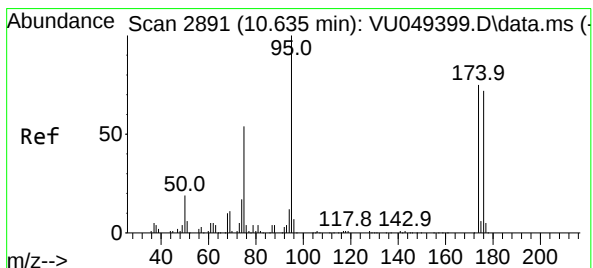
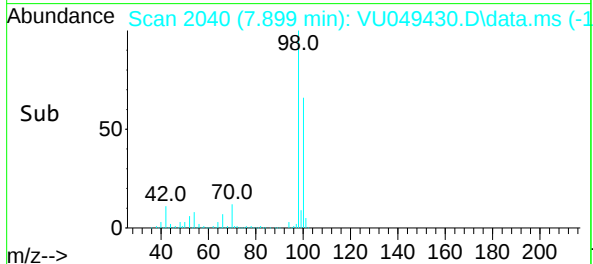
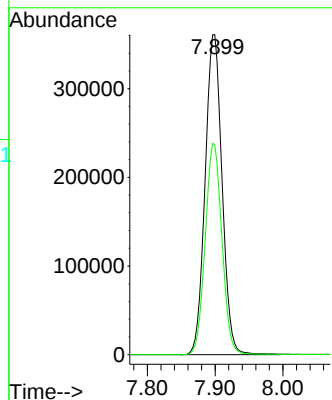
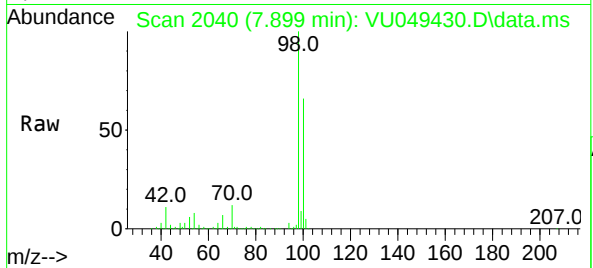




#50
Toluene-d8
Concen: 47.215 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

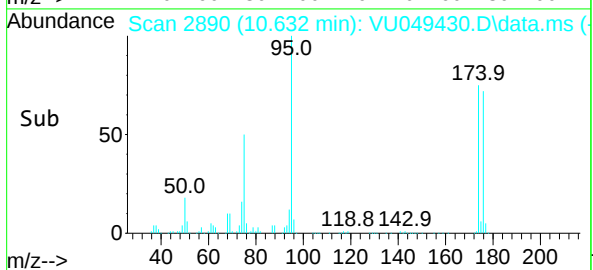
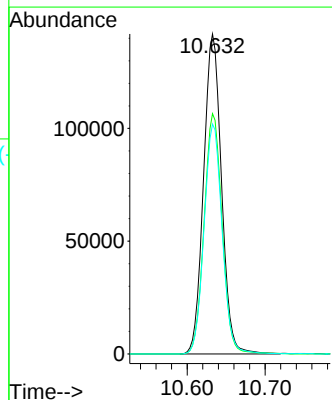
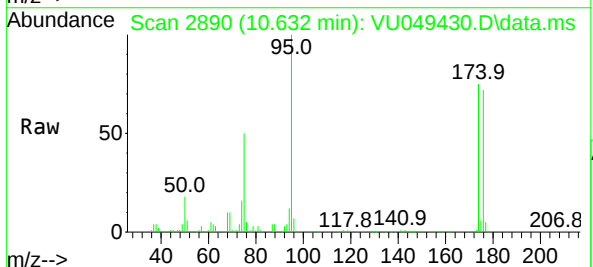
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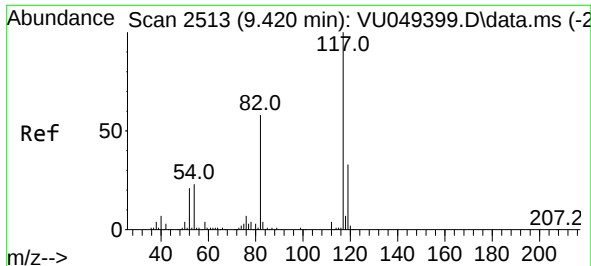
Tgt Ion: 98 Resp: 626799
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.717 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

Tgt Ion: 95 Resp: 227402
Ion Ratio Lower Upper
95 100
174 75.3 0.0 182.0
176 72.5 0.0 177.8

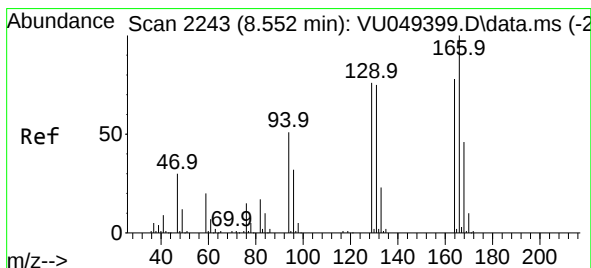
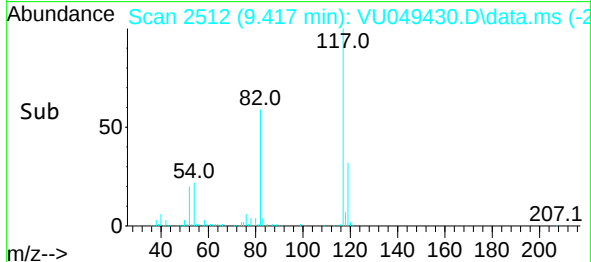
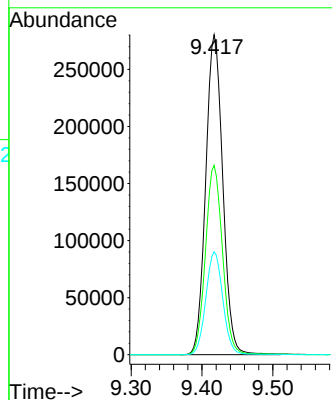
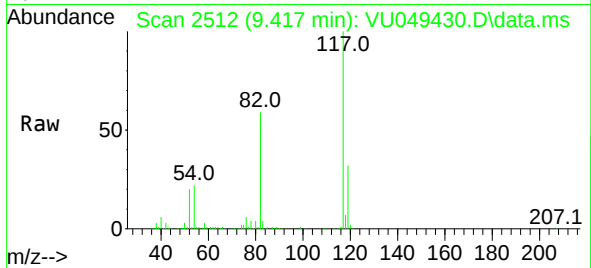




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

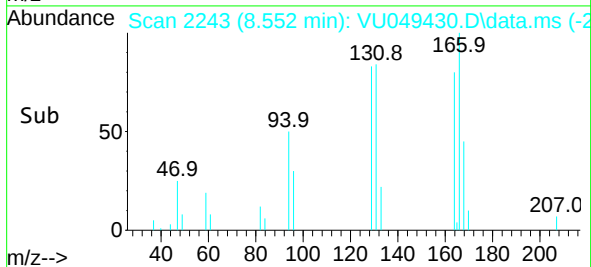
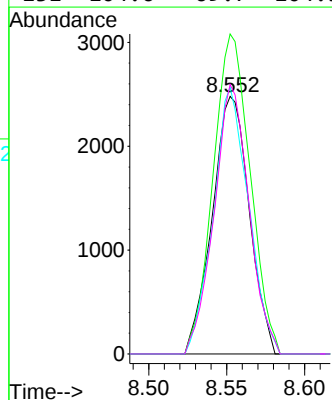
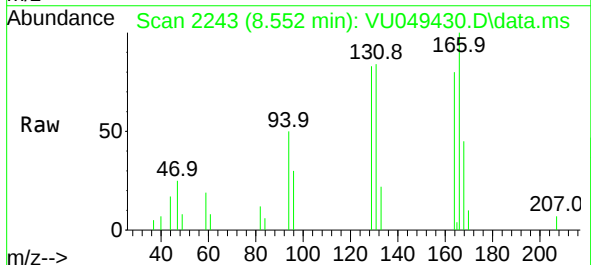
Instrument :
MSVOA_U
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MW181S-20220614

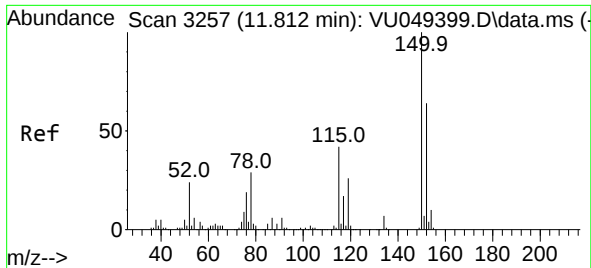
Tgt Ion:117 Resp: 469098
Ion Ratio Lower Upper
117 100
82 59.2 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 1.359 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049430.D
Acq: 28 Jun 2022 02:40

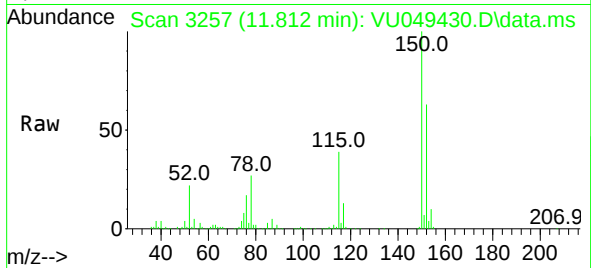
Tgt Ion:164 Resp: 4089
Ion Ratio Lower Upper
164 100
166 124.2 100.0 150.0
129 103.5 72.0 108.0
131 104.6 69.7 104.5#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049430.D
 Acq: 28 Jun 2022 02:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW181S-20220614



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	37.0	110.9
150	159.5	0.0	342.2

