

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049489.D
 Acq On : 29 Jun 2022 03:45
 Operator : SY/MD
 Sample : N3457-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW179D1-20220617

Quant Time: Jun 29 05:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

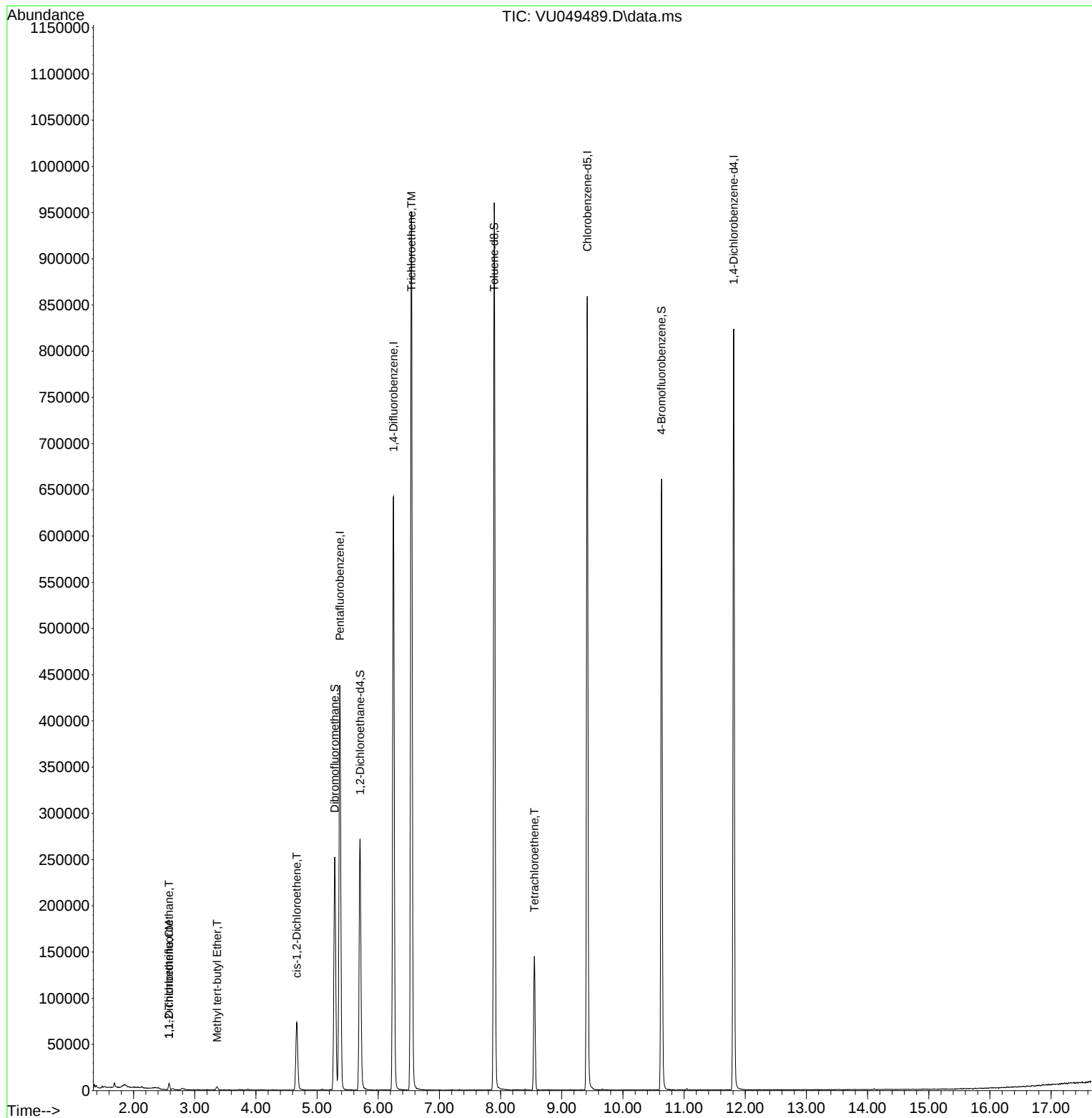
Internal Standards						
1) Pentafluorobenzene	5.372	168	302602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	531722	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	478219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	218749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	204017	43.778	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.560%
35) Dibromofluoromethane	5.289	113	166187	44.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.340%
50) Toluene-d8	7.896	98	630961	47.553	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	10.632	95	232655	45.774	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.581	101	2008	0.598	ug/l	94
12) 1,1-Dichloroethene	2.578	96	985	0.300	ug/l	91
19) Methyl tert-butyl Ether	3.366	73	3748	0.307	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	40393	9.867	ug/l	96
44) Trichloroethene	6.543	130	321899	83.148	ug/l	86
64) Tetrachloroethene	8.552	164	31671	10.325	ug/l	92

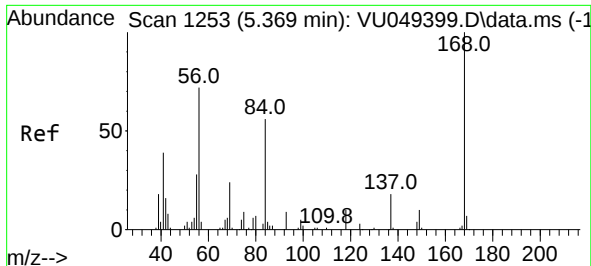
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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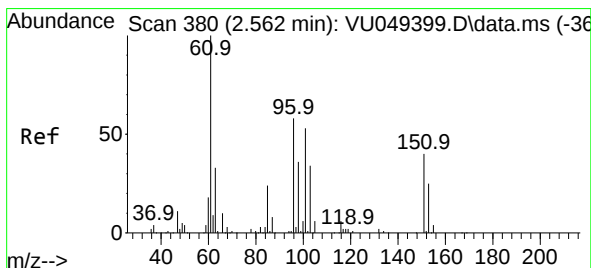
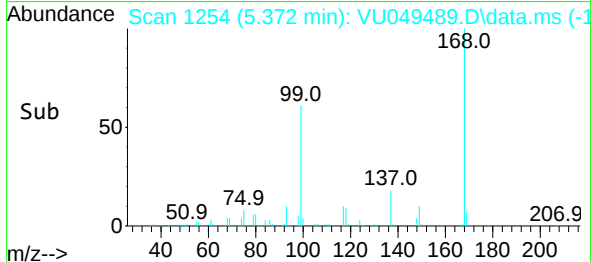
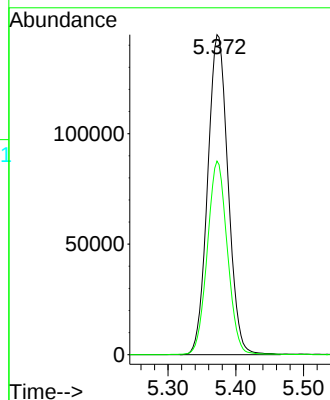
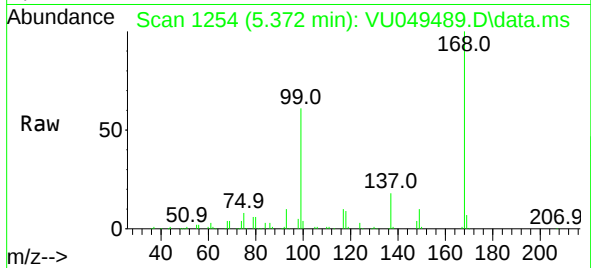




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

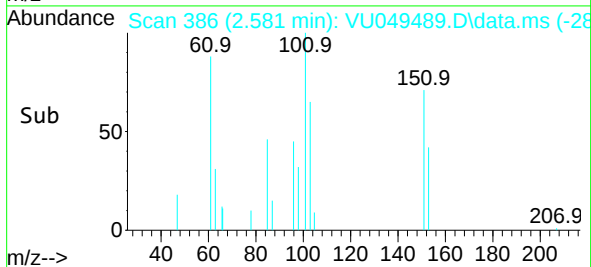
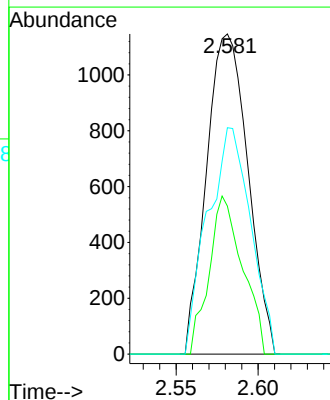
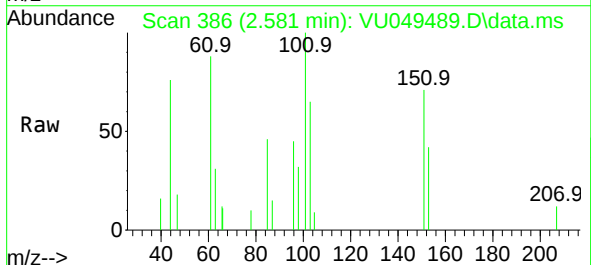
Instrument :
MSVOA_U
ClientSampleId :
MW179D1-20220617

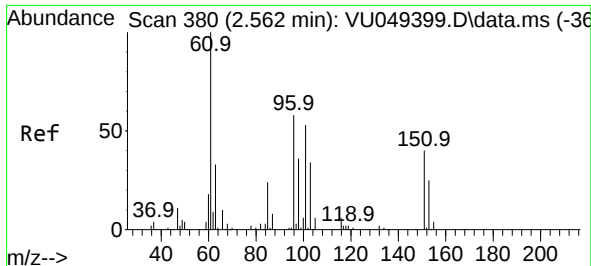
Tgt Ion:168 Resp: 302602
Ion Ratio Lower Upper
168 100
99 60.4 39.3 58.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.598 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.019 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

Tgt Ion:101 Resp: 2008
Ion Ratio Lower Upper
101 100
85 39.9 33.9 50.9
151 73.4 64.0 96.0

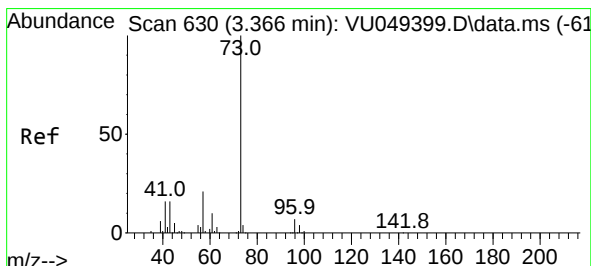
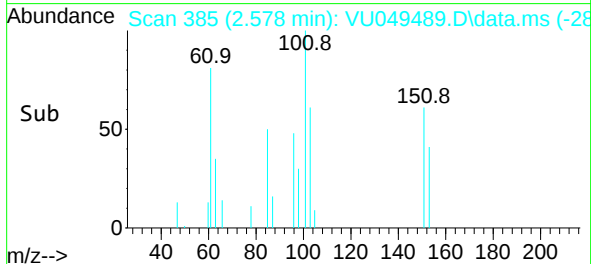
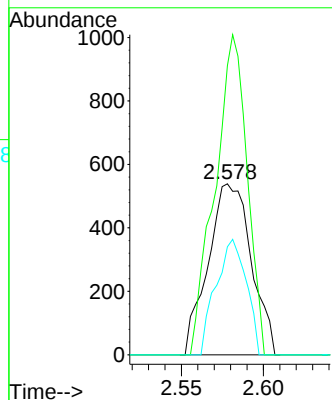
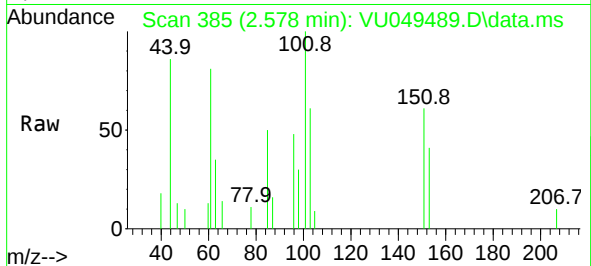




#12
1,1-Dichloroethene
Concen: 0.300 ug/l
RT: 2.578 min Scan# 380
Delta R.T. 0.016 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

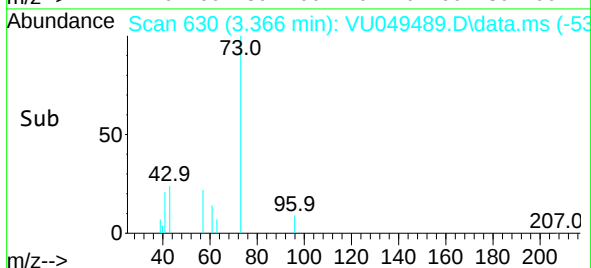
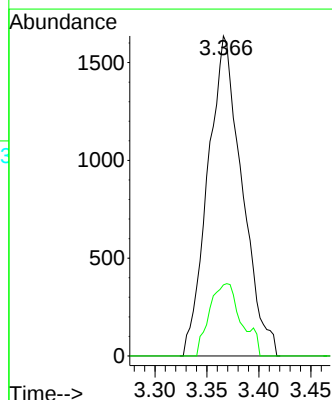
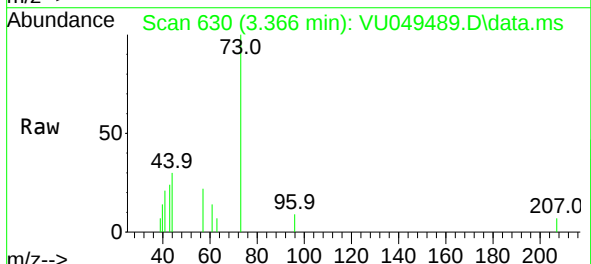
Instrument :
MSVOA_U
ClientSampleId :
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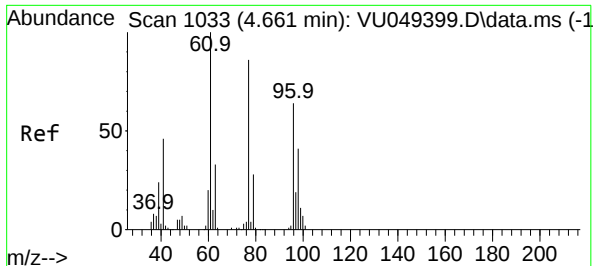
Tgt Ion: 96 Resp: 985
Ion Ratio Lower Upper
96 100
61 169.0 122.2 183.2
98 63.1 50.7 76.1



#19
Methyl tert-butyl Ether
Concen: 0.307 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

Tgt Ion: 73 Resp: 3748
Ion Ratio Lower Upper
73 100
57 22.2 17.1 25.7

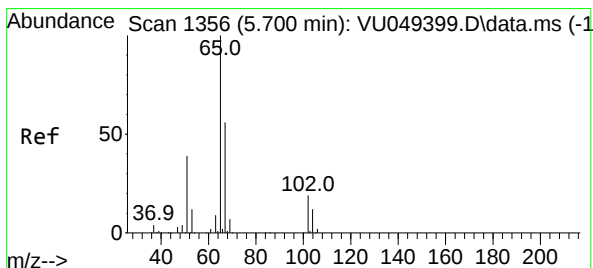
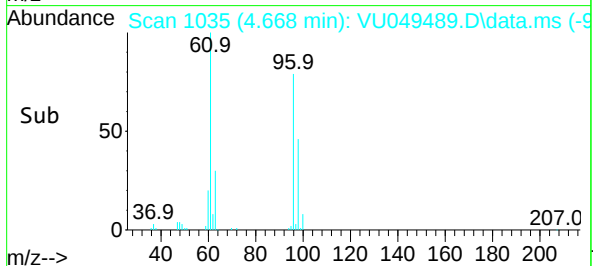
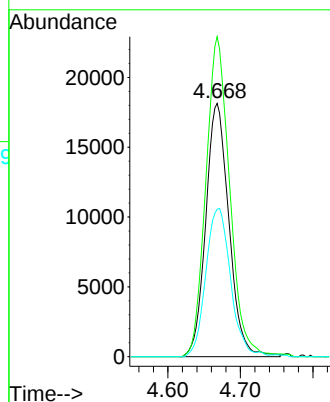
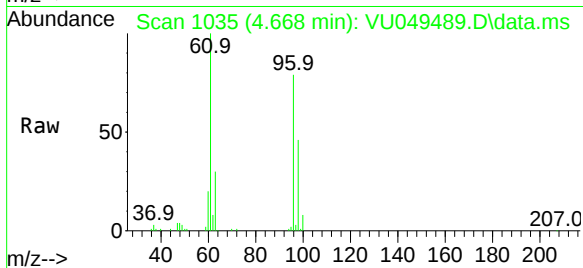




#27
 cis-1,2-Dichloroethene
 Concen: 9.867 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.007 min
 Lab File: VU049489.D
 Acq: 29 Jun 2022 03:45

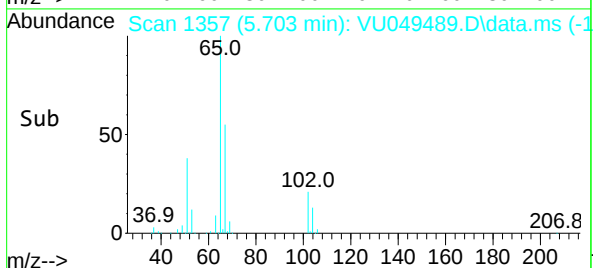
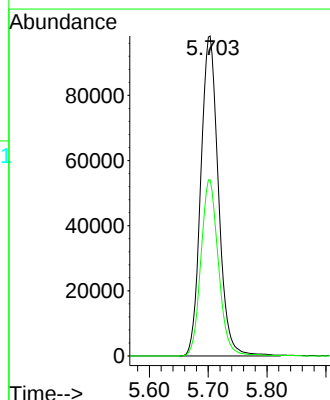
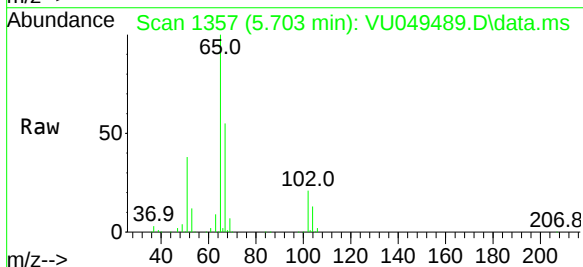
Instrument :
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 ClientSampleId :
 MW179D1-20220617

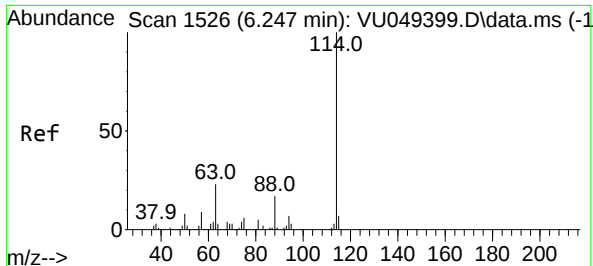
Tgt Ion: 96 Resp: 40393
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 271.6
 98 62.5 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 43.778 ug/l
 RT: 5.703 min Scan# 1357
 Delta R.T. 0.003 min
 Lab File: VU049489.D
 Acq: 29 Jun 2022 03:45

Tgt Ion: 65 Resp: 204017
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049489.D

Acq: 29 Jun 2022 03:45

Instrument :

MSVOA_U

ClientSampleId :

MW179D1-20220617

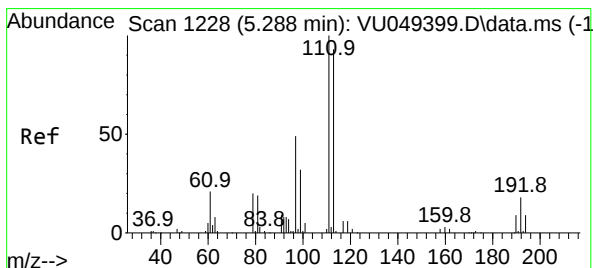
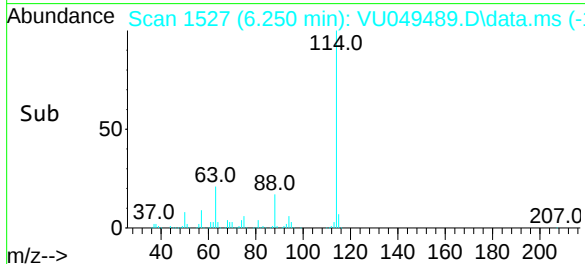
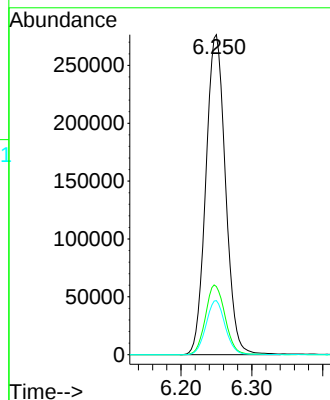
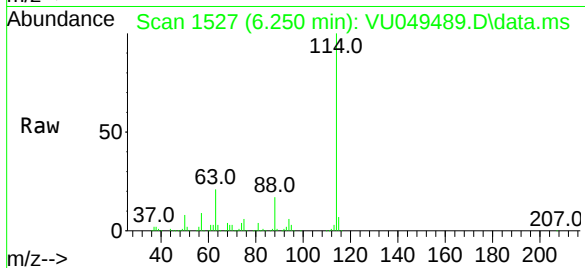
Tgt Ion:114 Resp: 531722

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 16.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.673 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049489.D

Acq: 29 Jun 2022 03:45

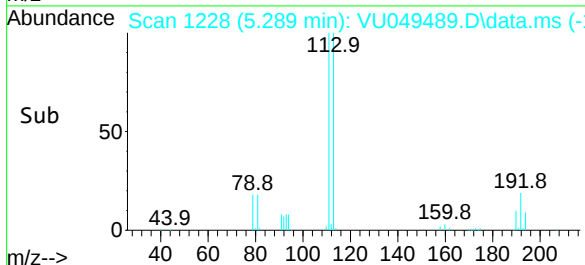
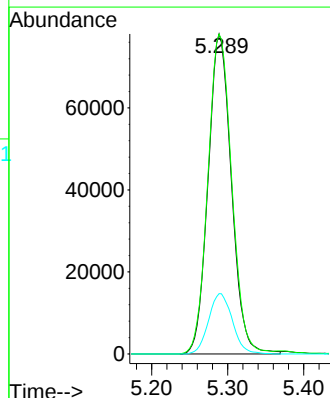
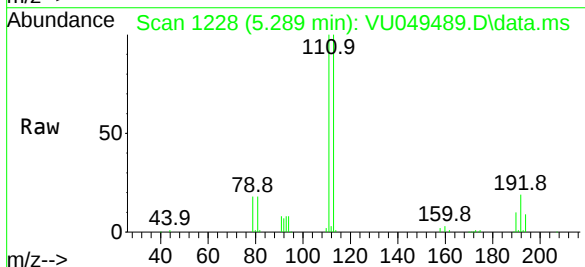
Tgt Ion:113 Resp: 166187

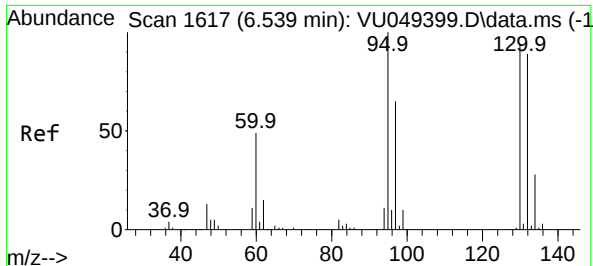
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 19.3 18.0 27.0

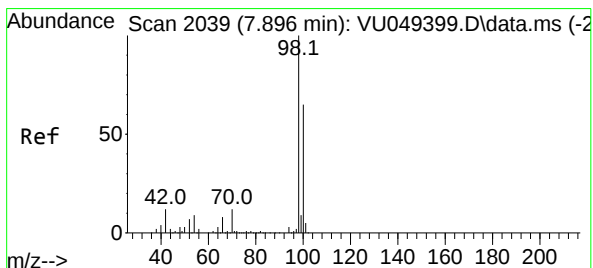
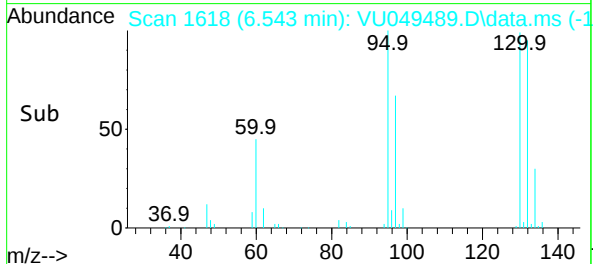
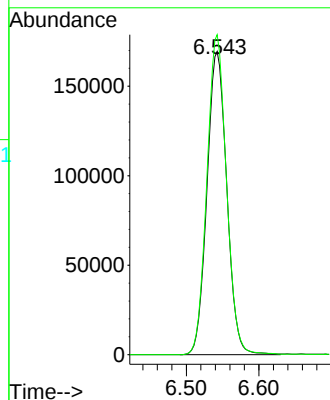
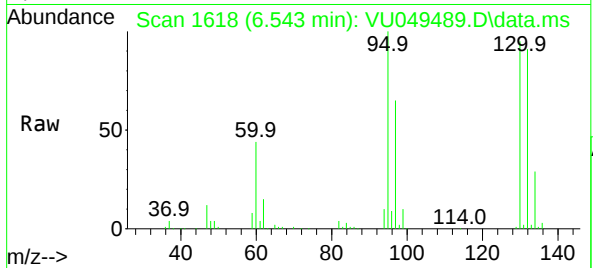




#44
Trichloroethene
Concen: 83.148 ug/l
RT: 6.543 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

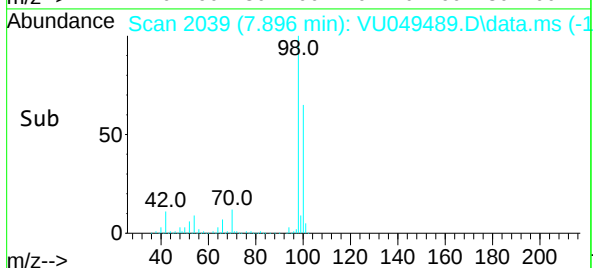
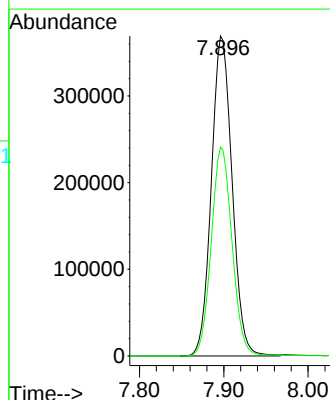
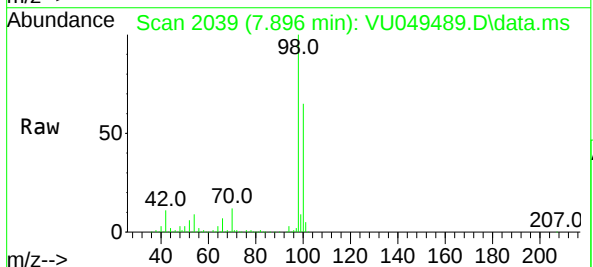
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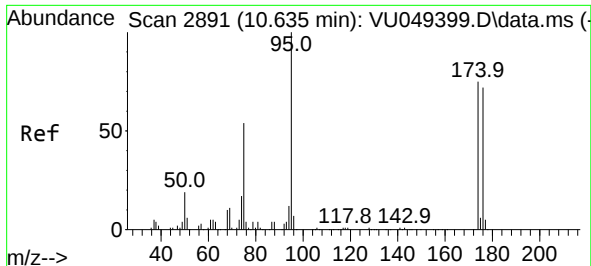
Tgt Ion:130 Resp: 321899
Ion Ratio Lower Upper
130 100
95 105.5 0.0 184.6



#50
Toluene-d8
Concen: 47.553 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

Tgt Ion: 98 Resp: 630961
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5

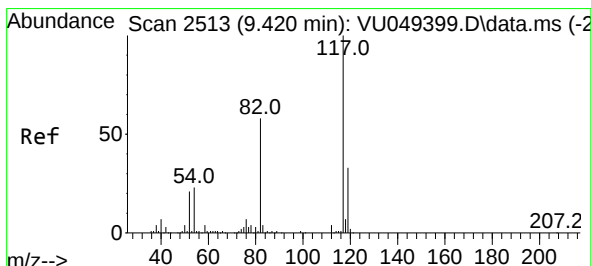
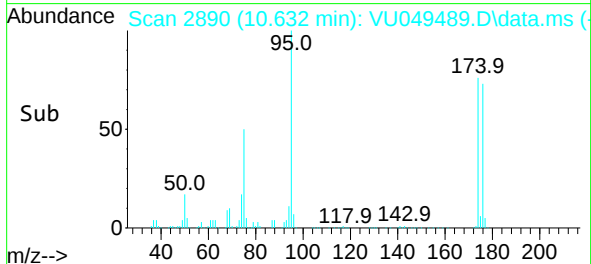
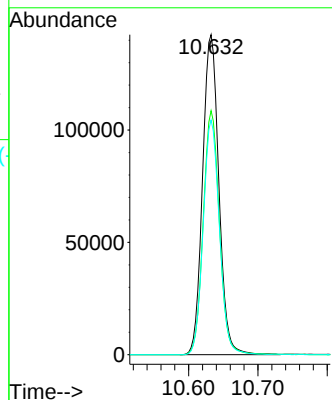
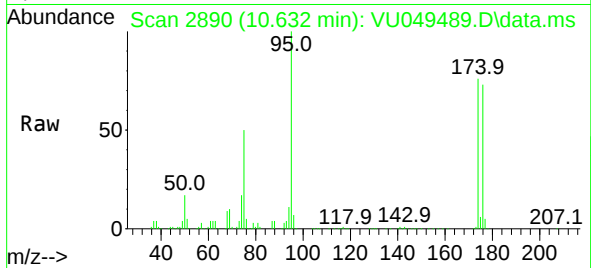




#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

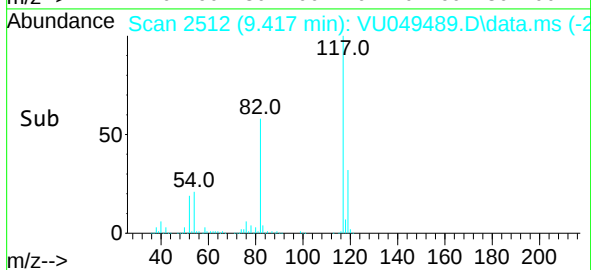
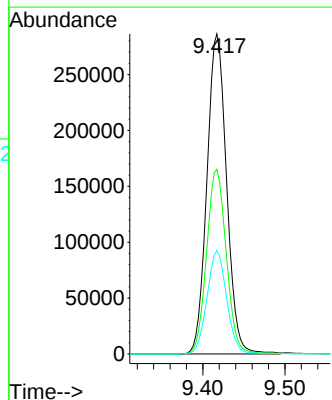
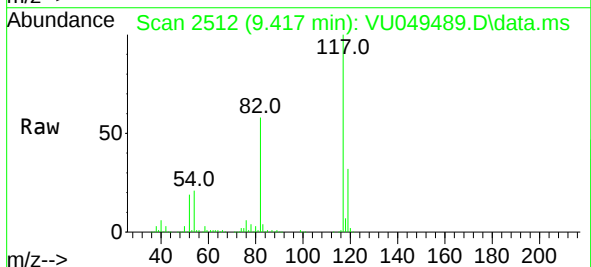
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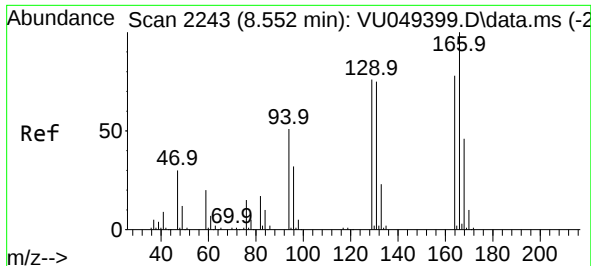
Tgt Ion: 95 Resp: 232655
Ion Ratio Lower Upper
95 100
174 75.6 0.0 182.0
176 72.9 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

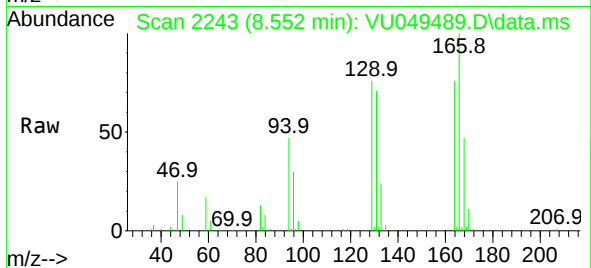
Tgt Ion: 117 Resp: 478219
Ion Ratio Lower Upper
117 100
82 57.7 41.7 62.5
119 32.3 25.7 38.5



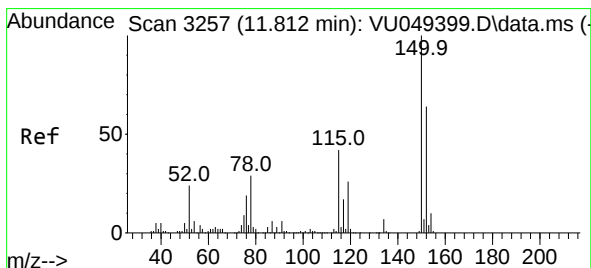
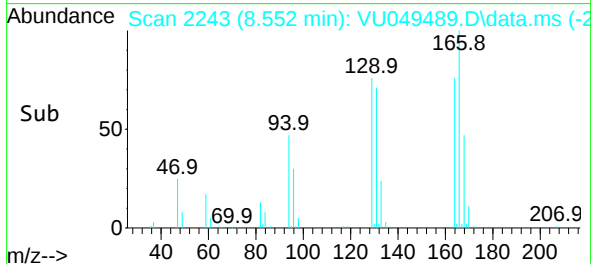
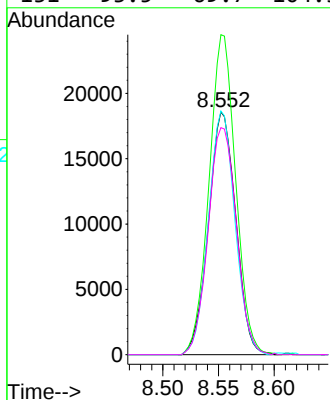


#64
Tetrachloroethene
Concen: 10.325 ug/l
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

Instrument :
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Tgt Ion:164 Resp: 31671
Ion Ratio Lower Upper
164 100
166 131.9 100.0 150.0
129 100.4 72.0 108.0
131 93.5 69.7 104.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049489.D
Acq: 29 Jun 2022 03:45

Tgt Ion:152 Resp: 218749
Ion Ratio Lower Upper
152 100
115 61.6 37.0 110.9
150 157.0 0.0 342.2

