

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049490.D
 Acq On : 29 Jun 2022 04:09
 Operator : SY/MD
 Sample : N3457-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW179D2-20220617

Quant Time: Jun 29 05:26:07 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)

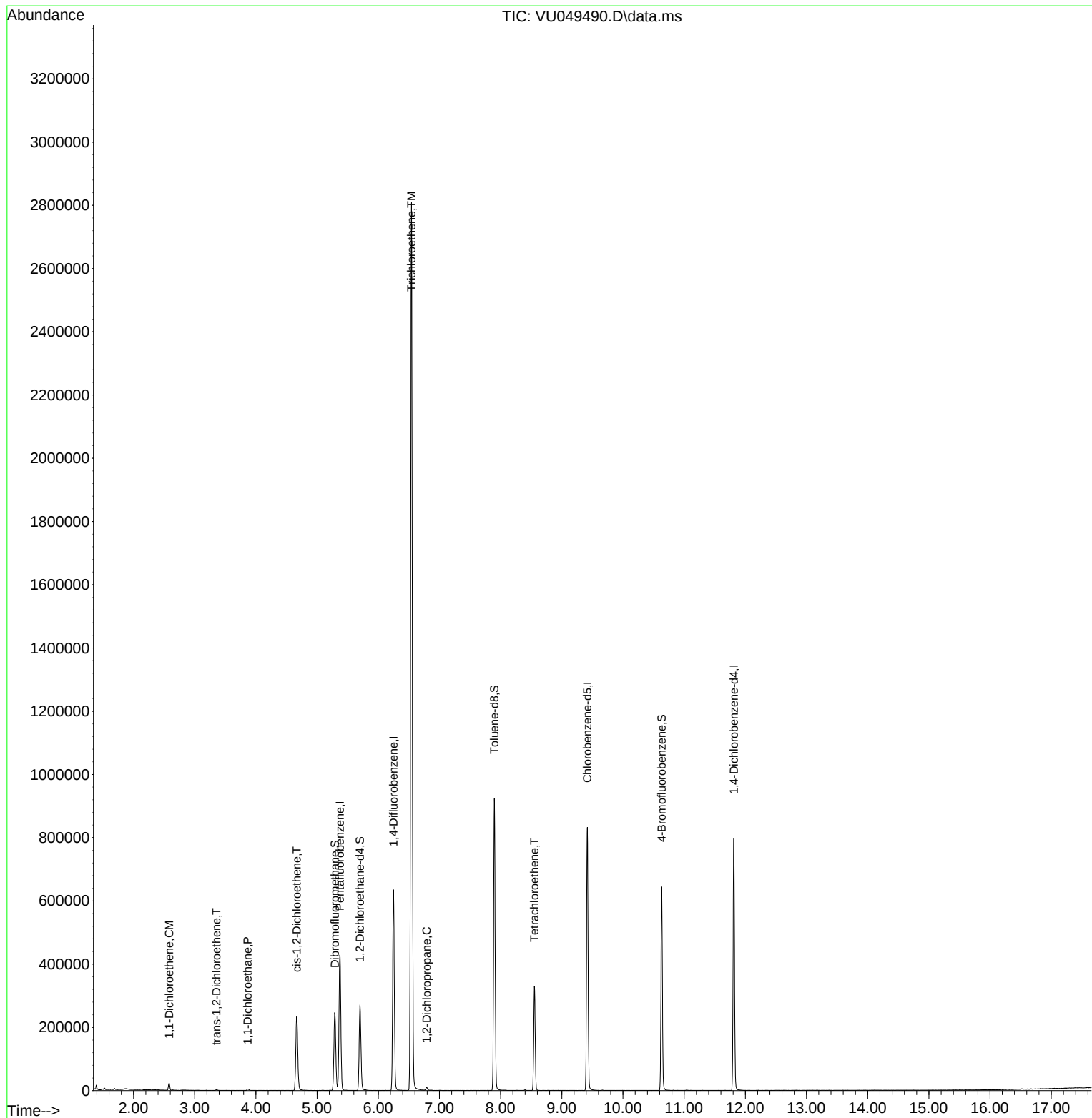
Internal Standards						
1) Pentafluorobenzene	5.372	168	299248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	518447	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	465998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	214386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	200487	43.503	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.000%
35) Dibromofluoromethane	5.289	113	162803	44.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.760%
50) Toluene-d8	7.896	98	617354	47.719	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.440%
62) 4-Bromofluorobenzene	10.633	95	220983	44.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	7750	2.384	ug/l	91
21) trans-1,2-Dichloroethene	3.356	96	1098	0.313	ug/l	94
24) 1,1-Dichloroethane	3.864	63	5351	0.743	ug/l	96
27) cis-1,2-Dichloroethene	4.668	96	124562	30.770	ug/l	97
44) Trichloroethene	6.543	130	939639	248.928	ug/l	87
45) 1,2-Dichloropropane	6.793	63	3718	0.845	ug/l	98
64) Tetrachloroethene	8.552	164	72080	24.116	ug/l	94

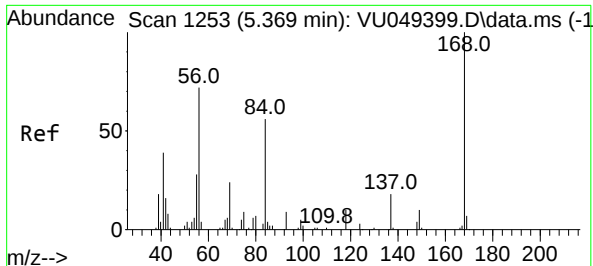
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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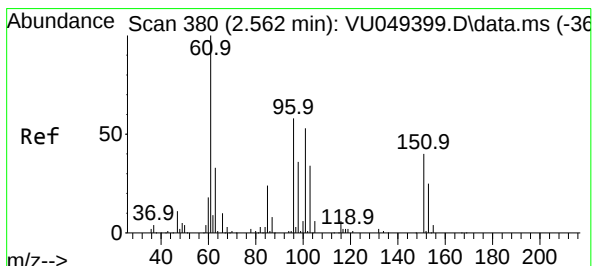
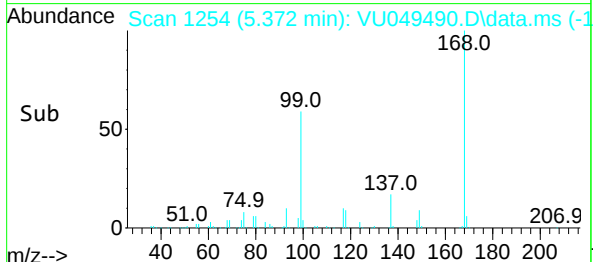
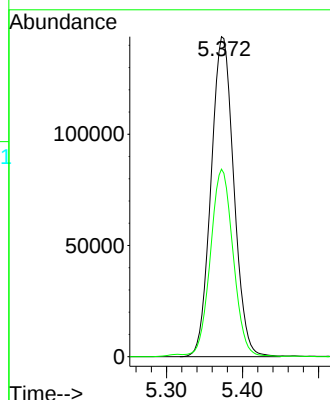
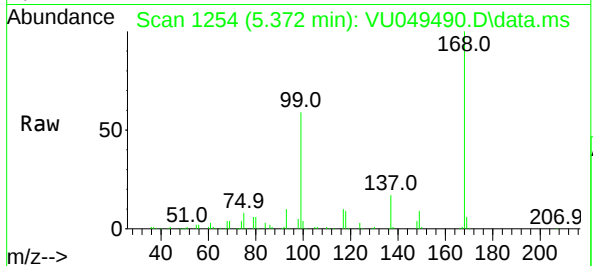




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

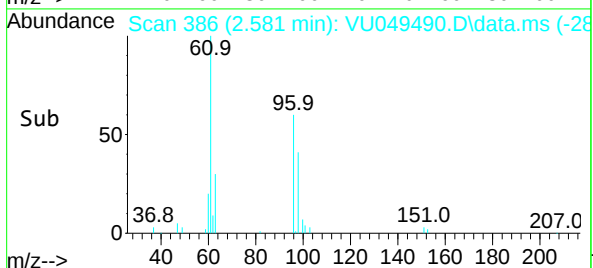
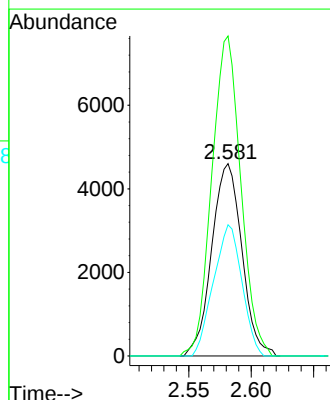
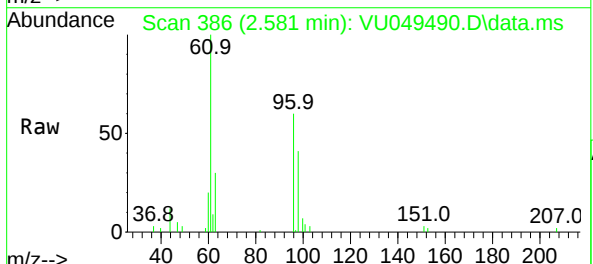
Instrument :
MSVOA_U
ClientSampleId :
MW179D2-20220617

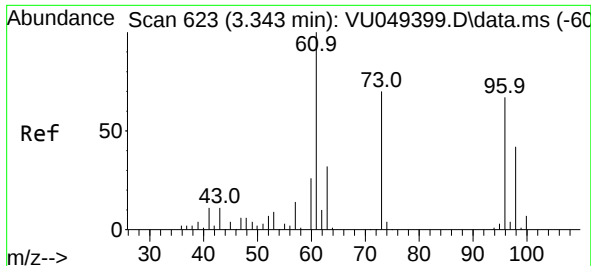
Tgt Ion:168 Resp: 299248
Ion Ratio Lower Upper
168 100
99 58.5 39.3 58.9



#12
1,1-Dichloroethene
Concen: 2.384 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.020 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

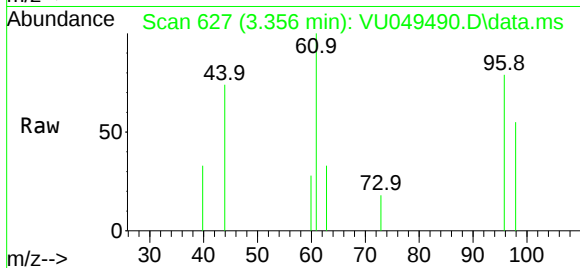
Tgt Ion: 96 Resp: 7750
Ion Ratio Lower Upper
96 100
61 166.4 122.2 183.2
98 68.2 50.7 76.1



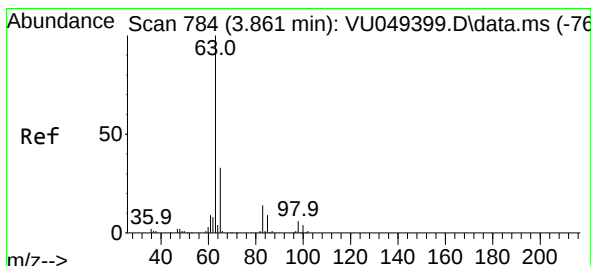
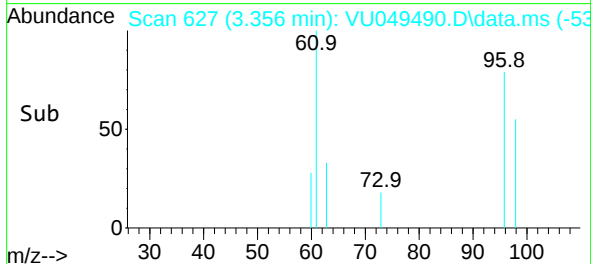
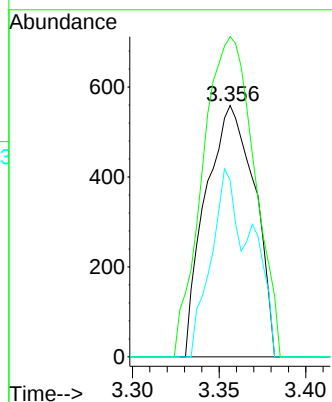


#21
trans-1,2-Dichloroethene
Concen: 0.313 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

Instrument :
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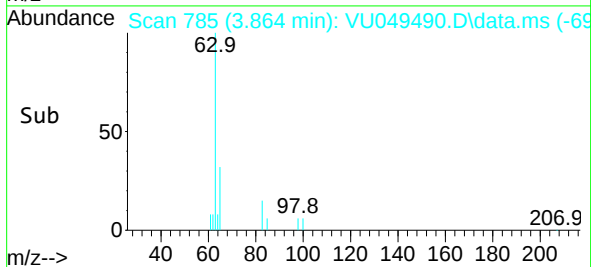
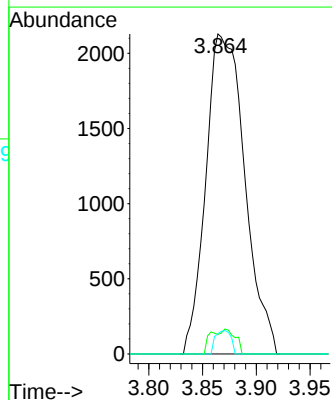
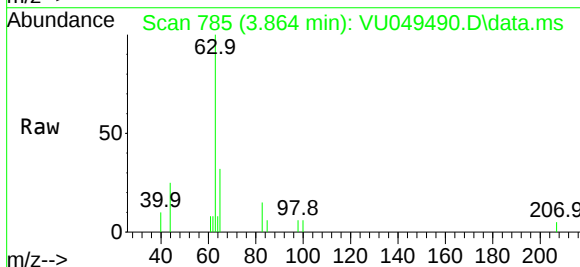


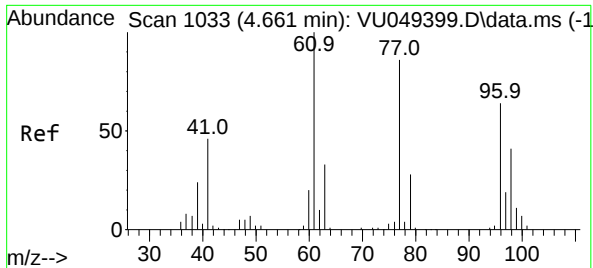
Tgt Ion: 96 Resp: 1098
Ion Ratio Lower Upper
96 100
61 127.4 106.1 159.1
98 70.3 50.8 76.2



#24
1,1-Dichloroethane
Concen: 0.743 ug/l
RT: 3.864 min Scan# 785
Delta R.T. 0.004 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

Tgt Ion: 63 Resp: 5351
Ion Ratio Lower Upper
63 100
98 6.1 3.6 10.9
100 6.4 2.4 7.2

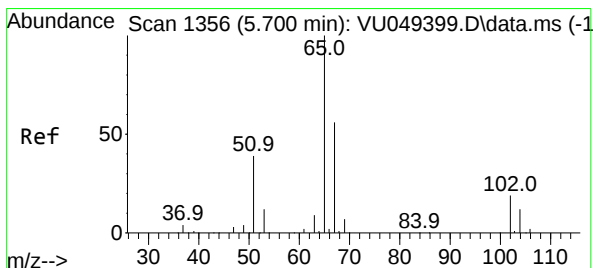
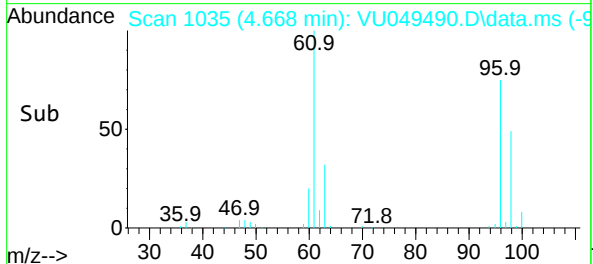
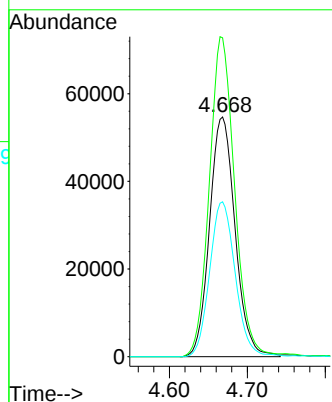
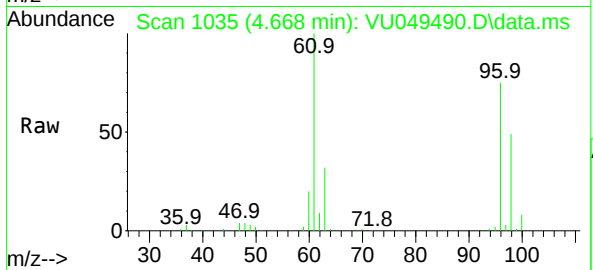




#27
 cis-1,2-Dichloroethene
 Concen: 30.770 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.007 min
 Lab File: VU049490.D
 Acq: 29 Jun 2022 04:09

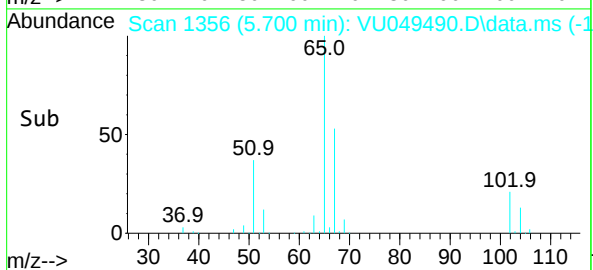
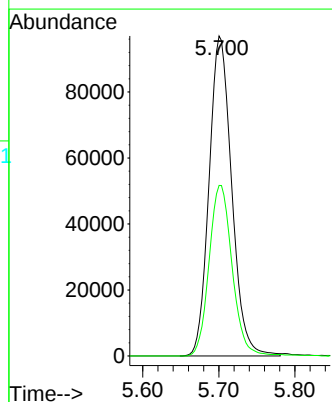
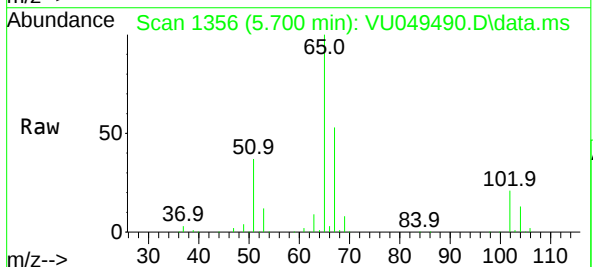
Instrument :
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 MW179D2-20220617

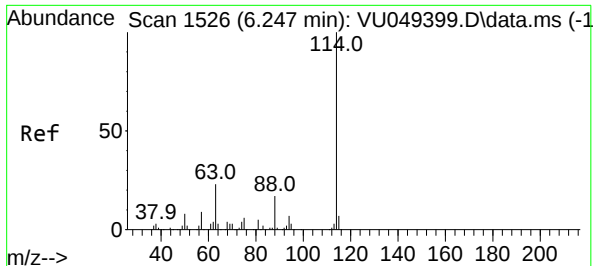
Tgt Ion: 96 Resp: 124562
 Ion Ratio Lower Upper
 96 100
 61 131.8 0.0 271.6
 98 64.7 0.0 128.2



#33
 1,2-Dichloroethane-d4
 Concen: 43.503 ug/l
 RT: 5.700 min Scan# 1356
 Delta R.T. 0.000 min
 Lab File: VU049490.D
 Acq: 29 Jun 2022 04:09

Tgt Ion: 65 Resp: 200487
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. 0.004 min

Lab File: VU049490.D

Acq: 29 Jun 2022 04:09

Instrument :

MSVOA_U

ClientSampleId :

MW179D2-20220617

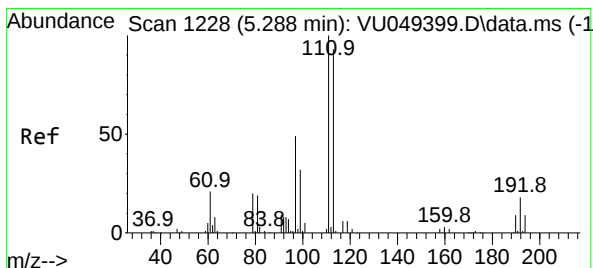
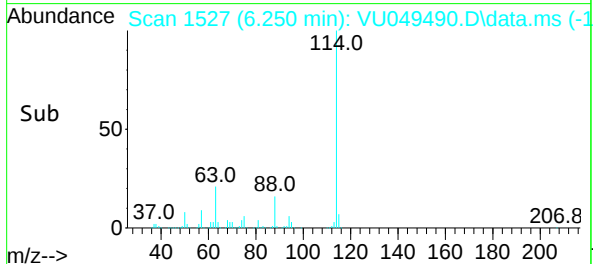
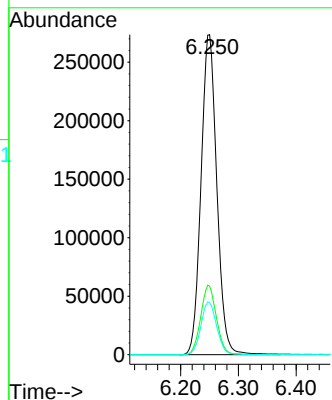
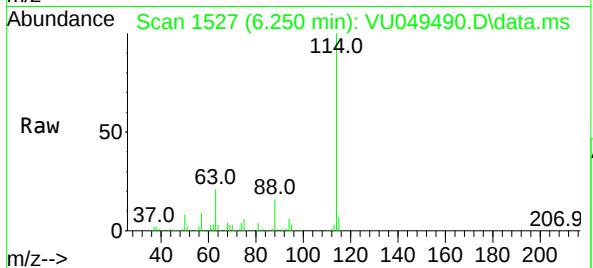
Tgt Ion:114 Resp: 518447

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 44.884 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049490.D

Acq: 29 Jun 2022 04:09

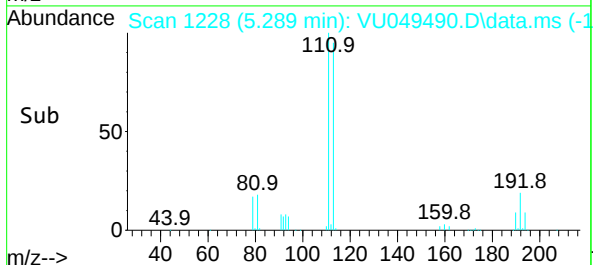
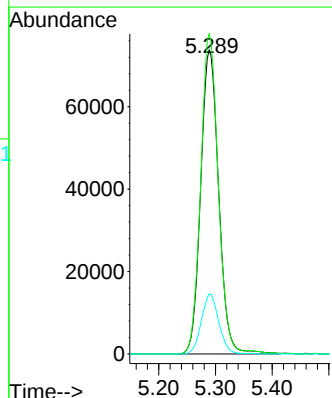
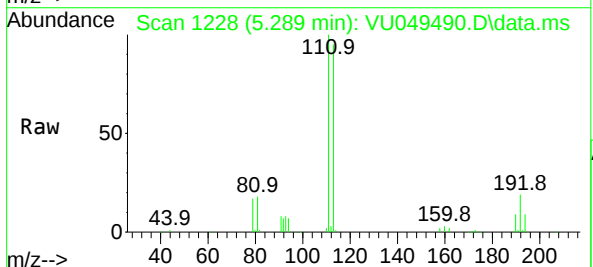
Tgt Ion:113 Resp: 162803

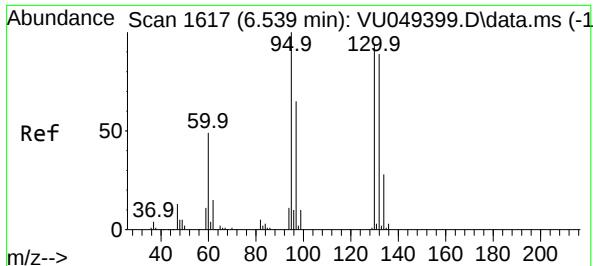
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 19.1 18.0 27.0

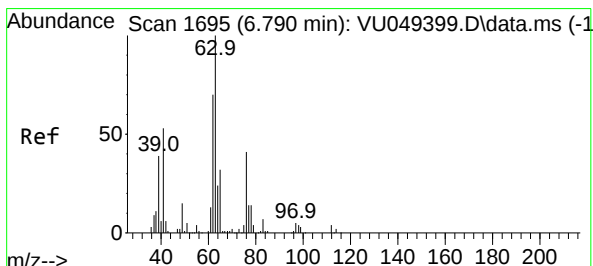
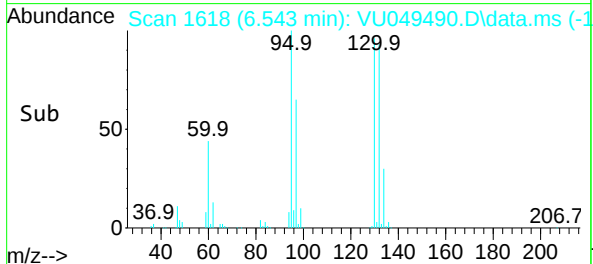
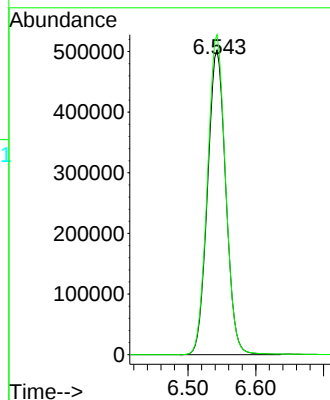
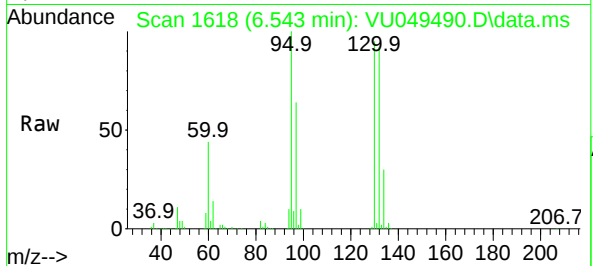




#44
Trichloroethene
Concen: 248.928 ug/l
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

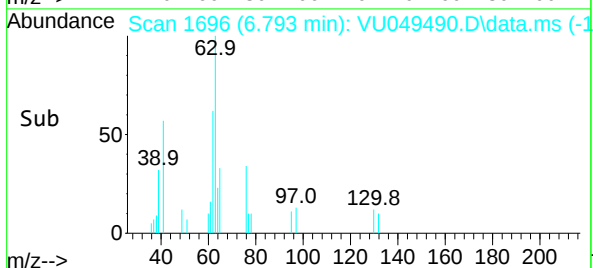
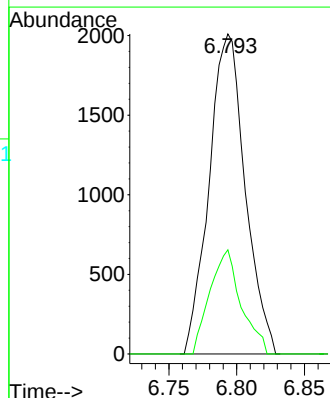
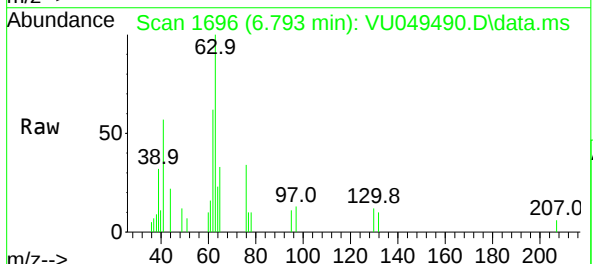
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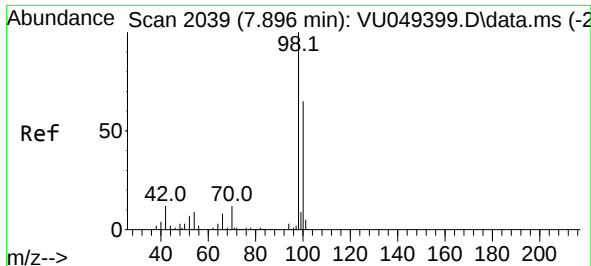
Tgt Ion:130 Resp: 939639
Ion Ratio Lower Upper
130 100
95 105.1 0.0 184.6



#45
1,2-Dichloropropane
Concen: 0.845 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.004 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

Tgt Ion: 63 Resp: 3718
Ion Ratio Lower Upper
63 100
65 32.5 25.0 37.4

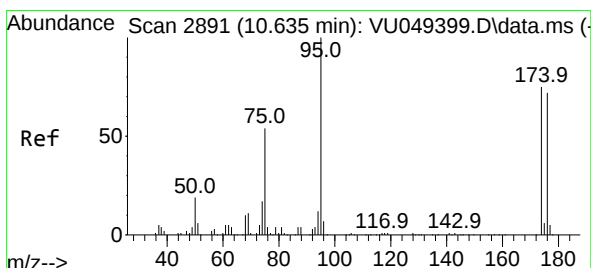
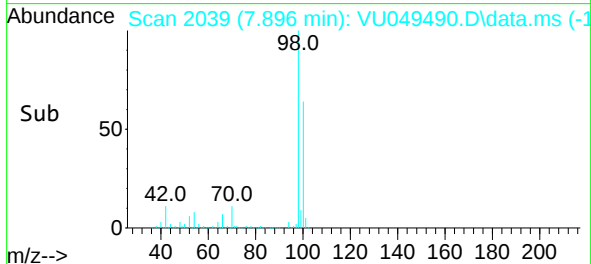
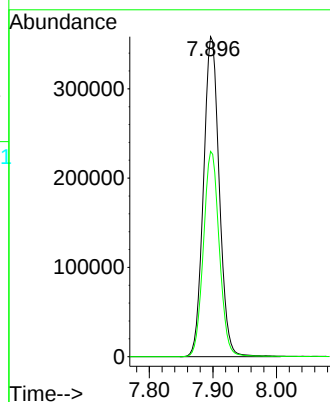
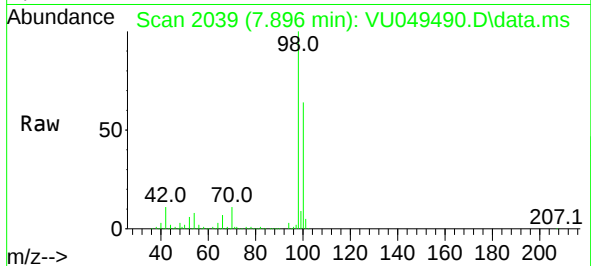




#50
Toluene-d8
Concen: 47.719 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

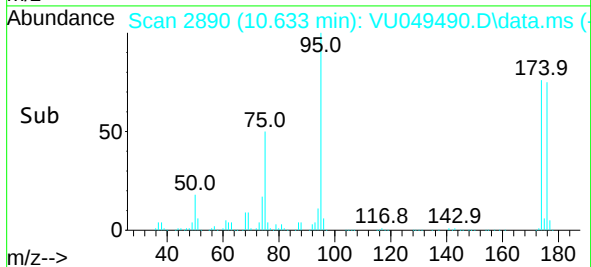
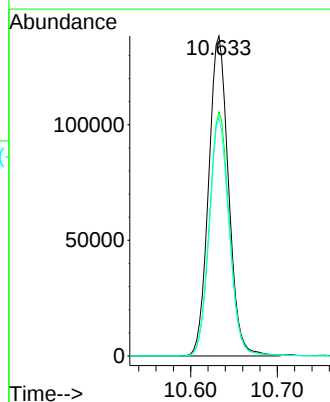
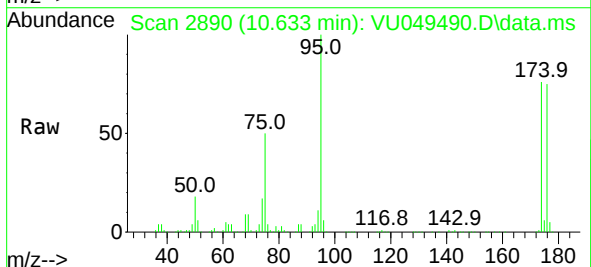
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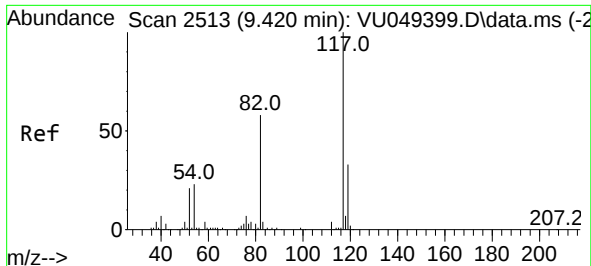
Tgt Ion: 98 Resp: 617354
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.591 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

Tgt Ion: 95 Resp: 220983
Ion Ratio Lower Upper
95 100
174 77.1 0.0 182.0
176 74.5 0.0 177.8

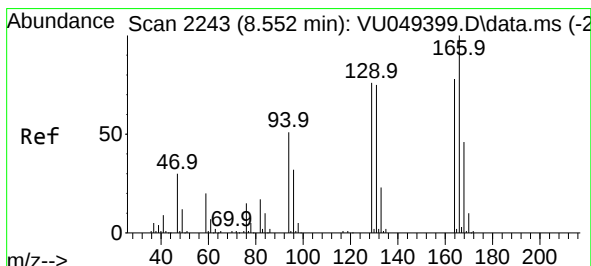
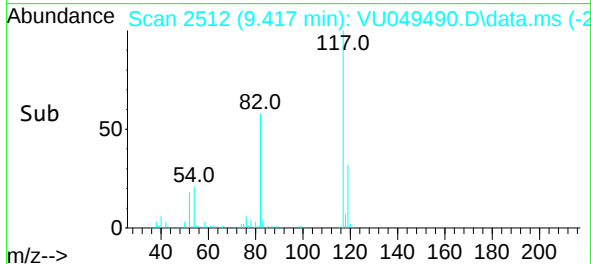
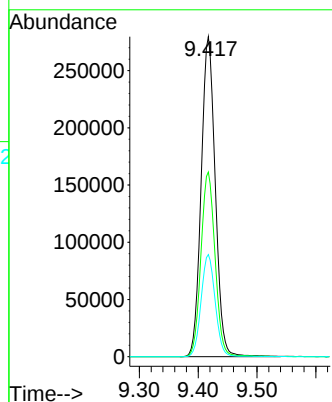
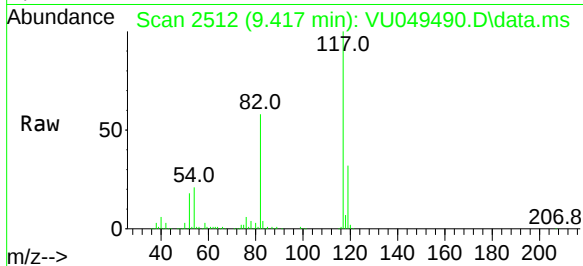




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

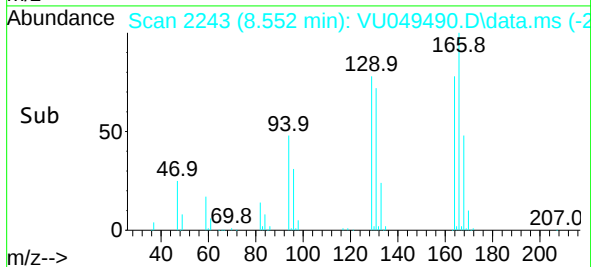
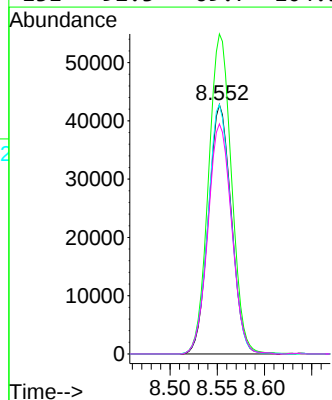
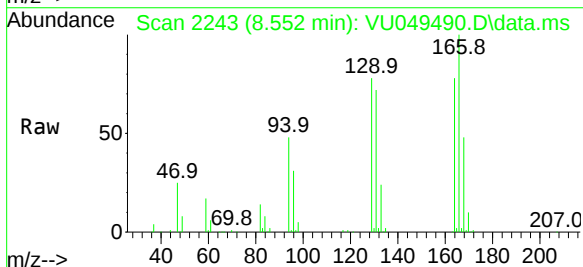
Instrument :
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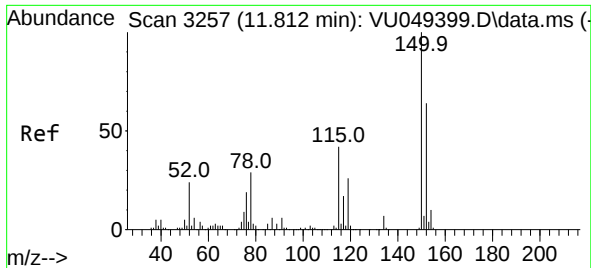
Tgt Ion:117 Resp: 465998
Ion Ratio Lower Upper
117 100
82 57.7 41.7 62.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 24.116 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049490.D
Acq: 29 Jun 2022 04:09

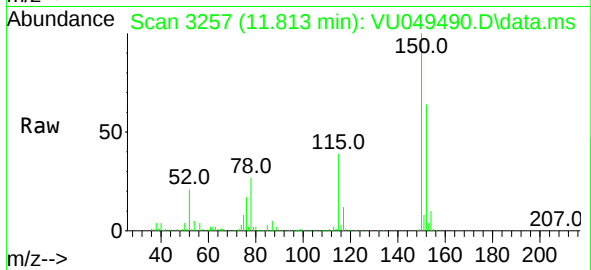
Tgt Ion:164 Resp: 72080
Ion Ratio Lower Upper
164 100
166 128.3 100.0 150.0
129 100.0 72.0 108.0
131 92.3 69.7 104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.813 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049490.D
 Acq: 29 Jun 2022 04:09

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	37.0	110.9
150	156.4	0.0	342.2

