

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062822\
 Data File : VU049491.D
 Acq On : 29 Jun 2022 04:32
 Operator : SY/MD
 Sample : N3457-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW179D-20220617

Quant Time: Jun 29 05:26:17 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)

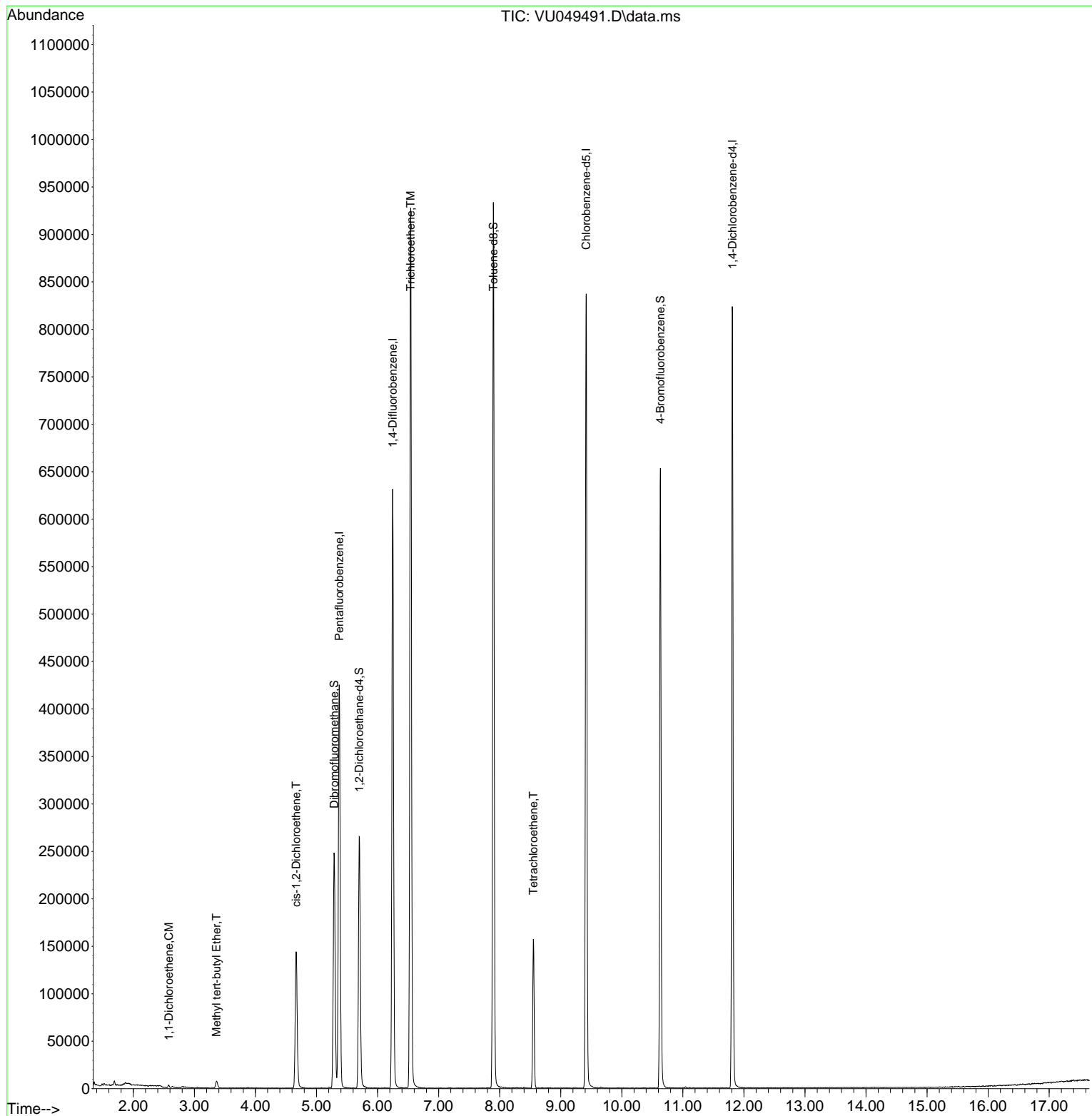
Internal Standards						
1) Pentafluorobenzene	5.372	168	293868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	517577	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	470335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	218444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	202080	44.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.300%
35) Dibromofluoromethane	5.289	113	161535	44.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.220%
50) Toluene-d8	7.896	98	617664	47.823	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.640%
62) 4-Bromofluorobenzene	10.632	95	224766	45.430	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.581	96	818	0.256	ug/l	90
19) Methyl tert-butyl Ether	3.363	73	7972	0.672	ug/l	93
27) cis-1,2-Dichloroethene	4.668	96	77229	19.427	ug/l	99
44) Trichloroethene	6.543	130	314408	83.433	ug/l	87
64) Tetrachloroethene	8.552	164	33850	11.221	ug/l	89

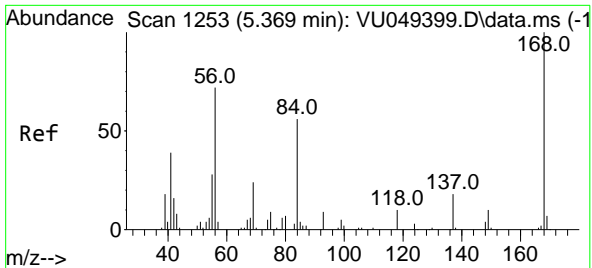
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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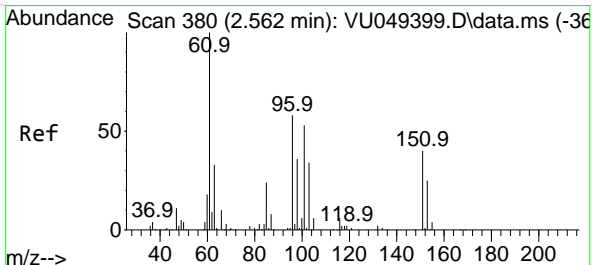
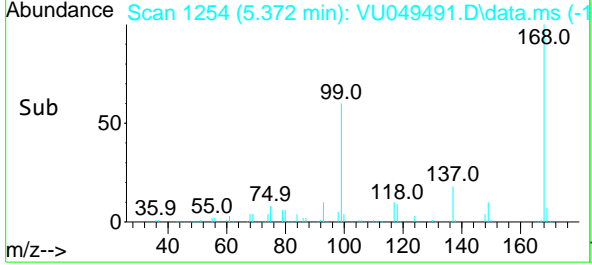
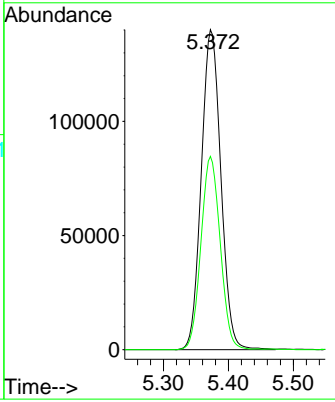
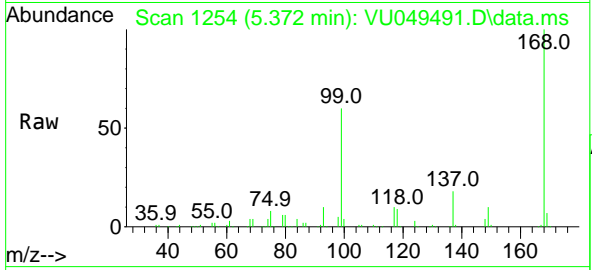




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.372 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

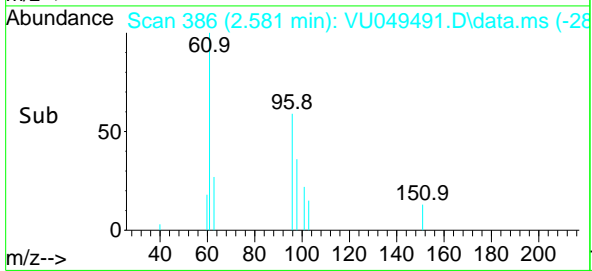
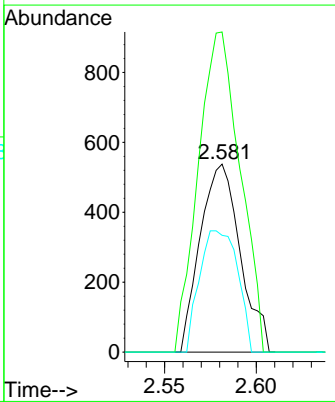
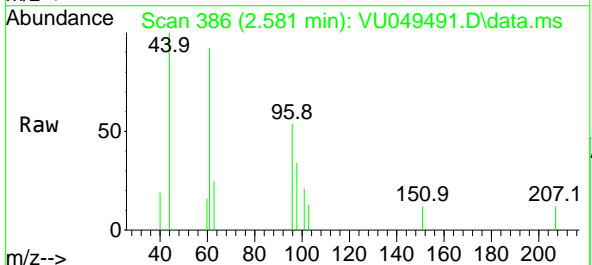
Instrument : MSVOA_U
 ClientSampleId : MW179D-20220617

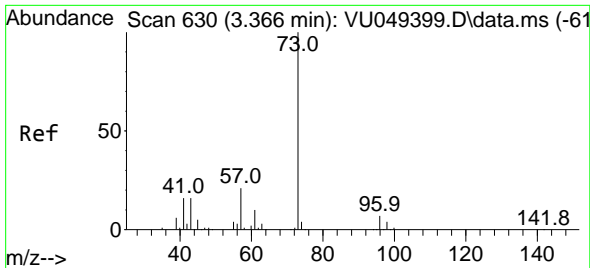
Tgt Ion:168 Resp: 293868
 Ion Ratio Lower Upper
 168 100
 99 60.4 39.3 58.9#



#12
 1,1-Dichloroethene
 Concen: 0.256 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.020 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

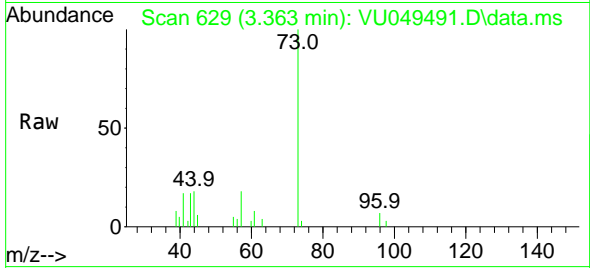
Tgt Ion: 96 Resp: 818
 Ion Ratio Lower Upper
 96 100
 61 170.3 122.2 183.2
 98 62.1 50.7 76.1



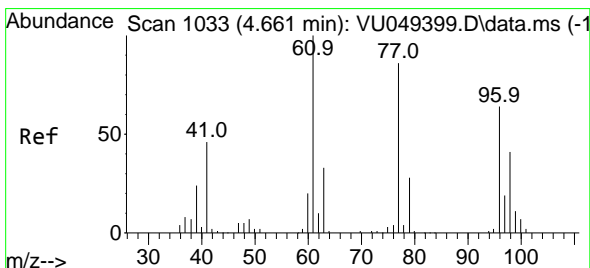
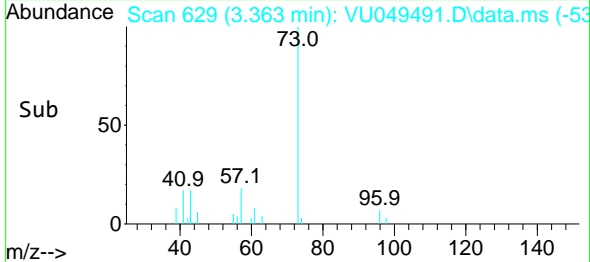
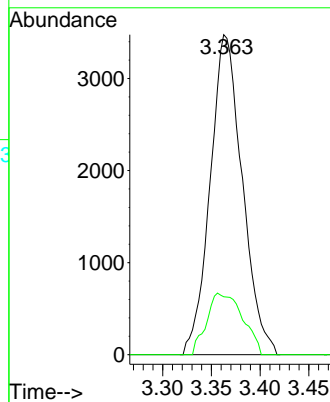


#19
 Methyl tert-butyl Ether
 Concen: 0.672 ug/l
 RT: 3.363 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

Instrument : MSVOA_U
 ClientSampleId : MW179D-20220617

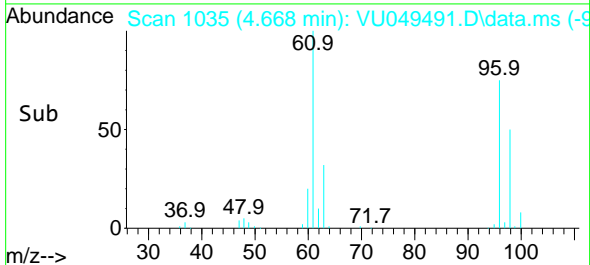
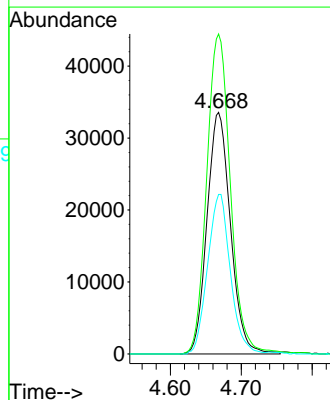
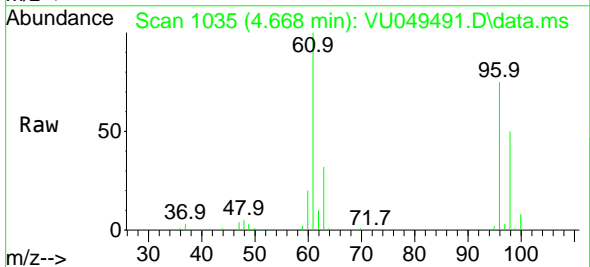


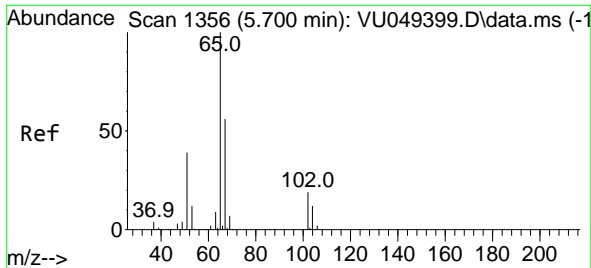
Tgt Ion: 73 Resp: 7972
 Ion Ratio Lower Upper
 73 100
 57 18.1 17.1 25.7



#27
 cis-1,2-Dichloroethene
 Concen: 19.427 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.007 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

Tgt Ion: 96 Resp: 77229
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 271.6
 98 63.9 0.0 128.2

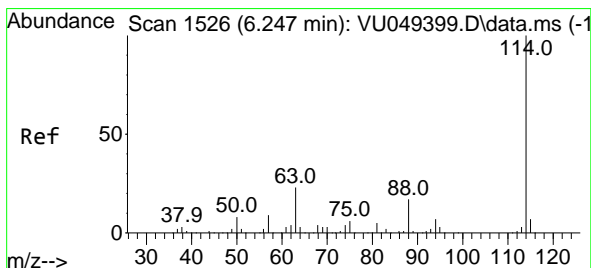
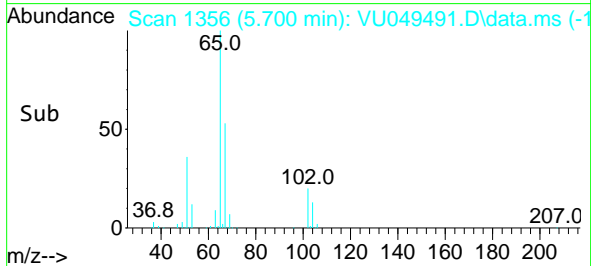
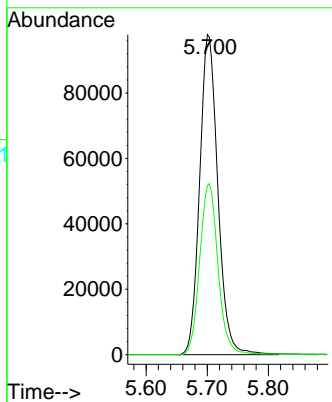
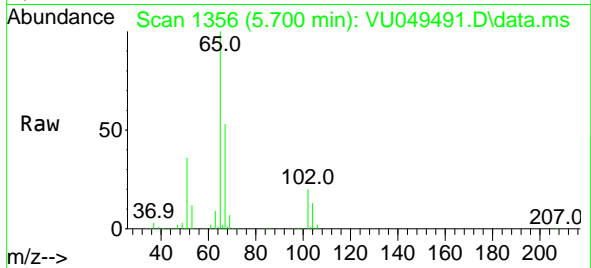




#33
 1,2-Dichloroethane-d4
 Concen: 44.651 ug/l
 RT: 5.700 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

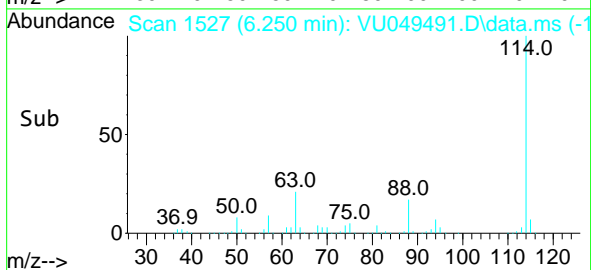
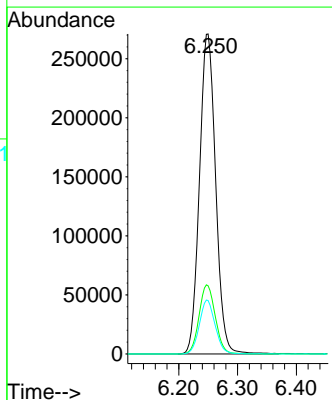
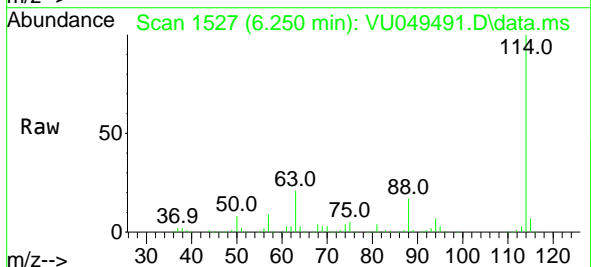
Instrument :
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 ClientSampleId :
 MW179D-20220617

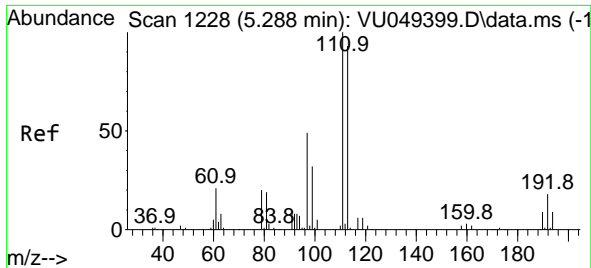
Tgt Ion: 65 Resp: 202080
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.250 min Scan# 1527
 Delta R.T. 0.003 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

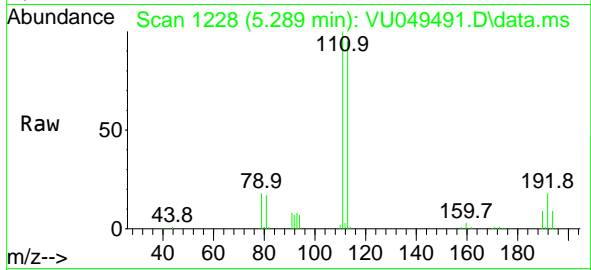
Tgt Ion: 114 Resp: 517577
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.8
 88 16.7 0.0 29.2



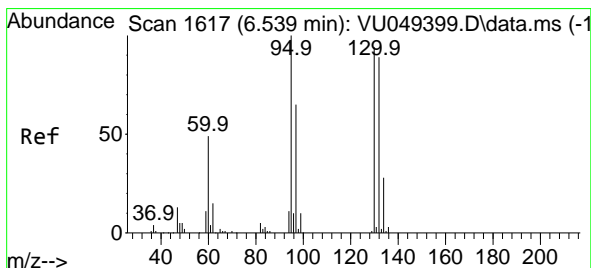
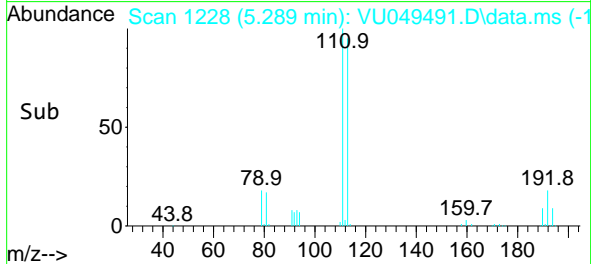
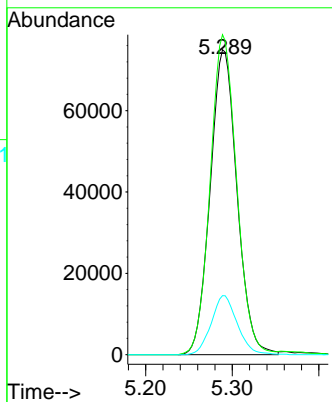


#35
 Dibromofluoromethane
 Concen: 44.609 ug/l
 RT: 5.289 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

Instrument : MSVOA_U
 ClientSampleId : MW179D-20220617

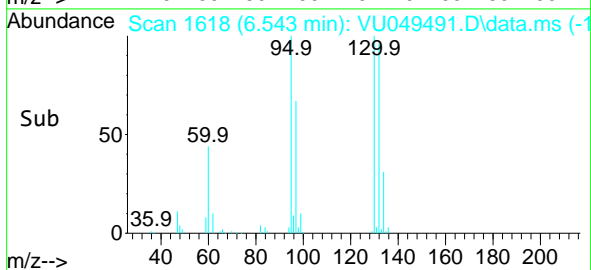
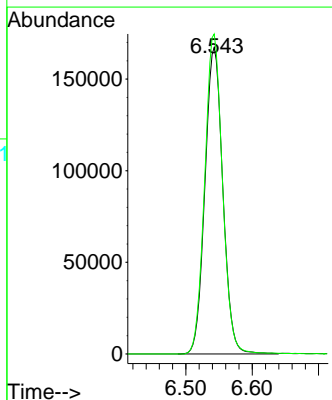
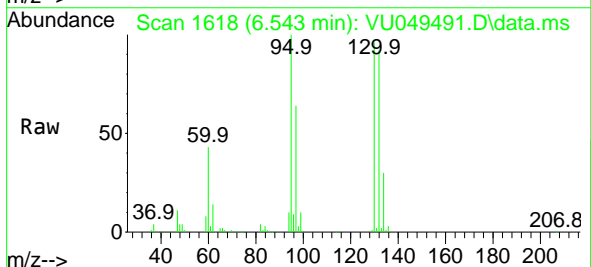


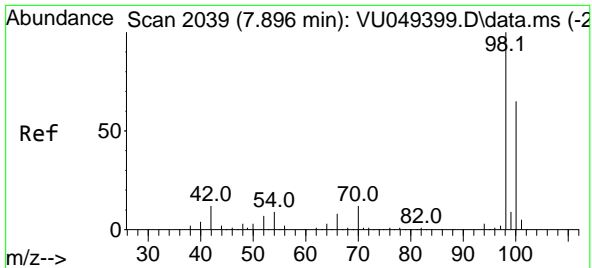
Tgt Ion:113 Resp: 161535
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 18.9 18.0 27.0



#44
 Trichloroethene
 Concen: 83.433 ug/l
 RT: 6.543 min Scan# 1618
 Delta R.T. 0.003 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

Tgt Ion:130 Resp: 314408
 Ion Ratio Lower Upper
 130 100
 95 104.4 0.0 184.6

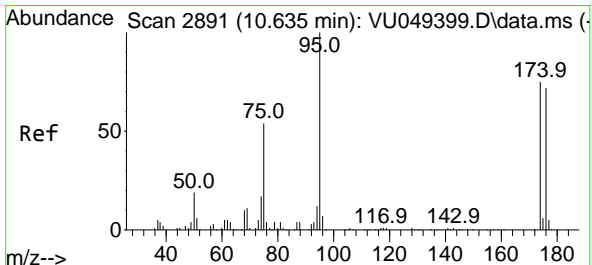
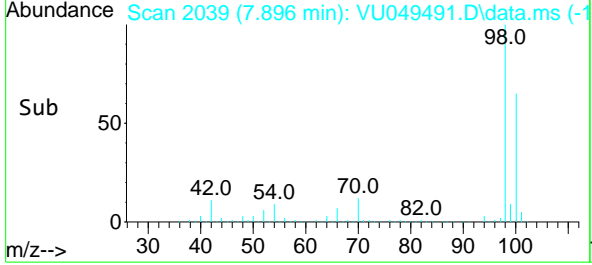
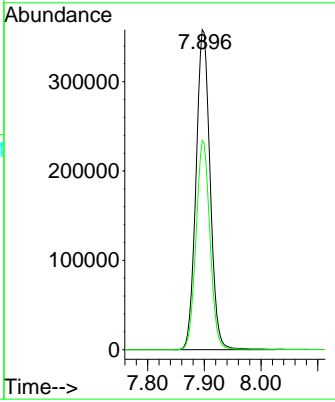
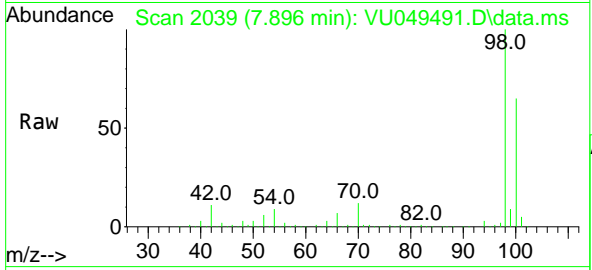




#50
 Toluene-d8
 Concen: 47.823 ug/l
 RT: 7.896 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

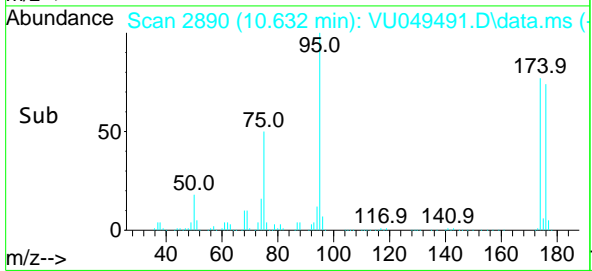
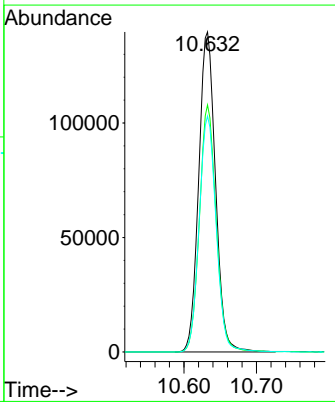
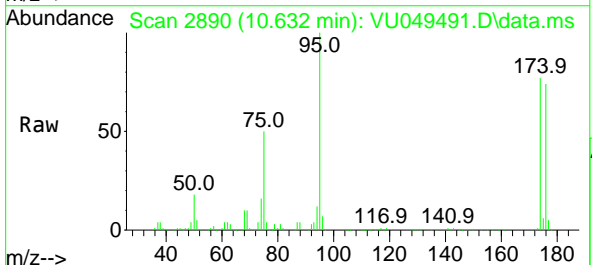
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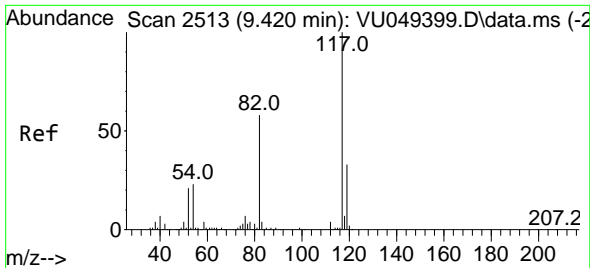
Tgt Ion: 98 Resp: 617664
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5



#62
 4-Bromofluorobenzene
 Concen: 45.430 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.003 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

Tgt Ion: 95 Resp: 224766
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 182.0
 176 74.5 0.0 177.8

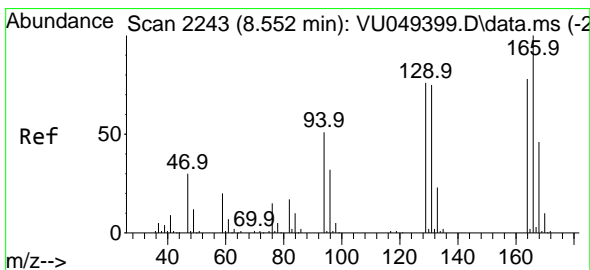
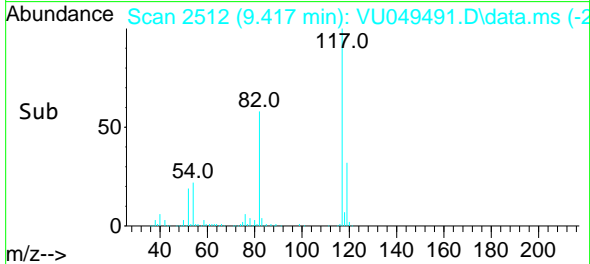
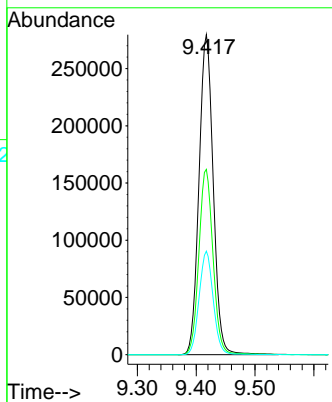
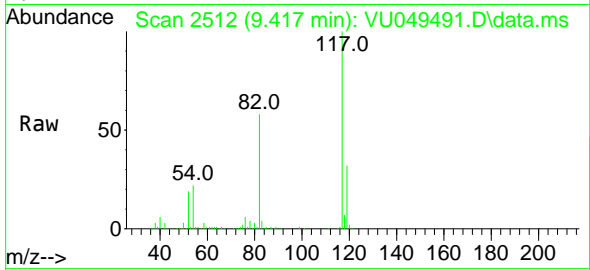




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.417 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

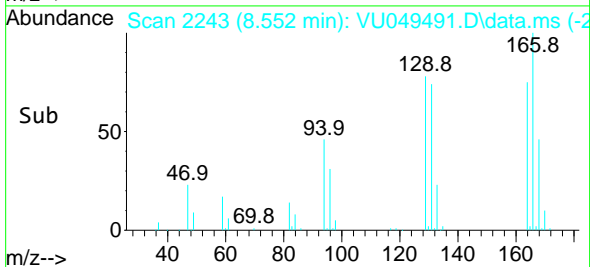
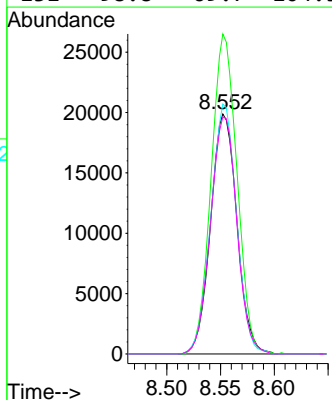
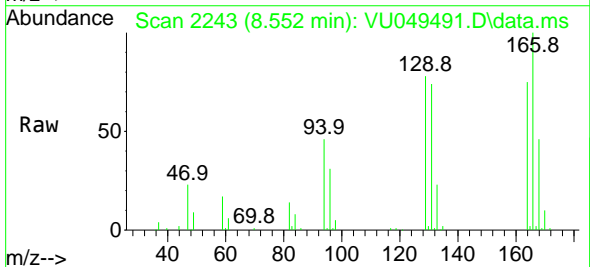
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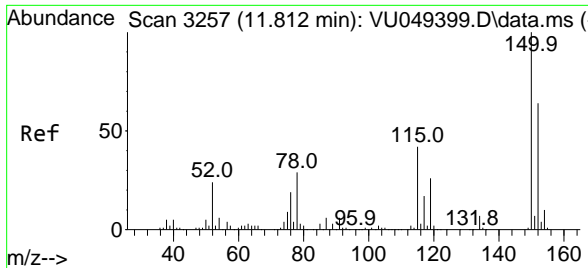
Tgt Ion	Resp	Lower	Upper
117	470335		
82	57.9	41.7	62.5
119	32.3	25.7	38.5



#64
 Tetrachloroethene
 Concen: 11.221 ug/l
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.000 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

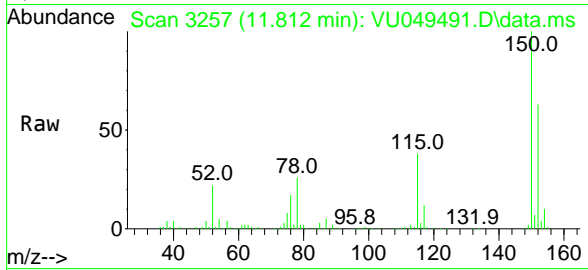
Tgt Ion	Resp	Lower	Upper
164	33850		
166	133.4	100.0	150.0
129	104.1	72.0	108.0
131	98.8	69.7	104.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049491.D
 Acq: 29 Jun 2022 04:32

Instrument :
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Tgt Ion:152 Resp: 218444

Ion	Ratio	Lower	Upper
152	100		
115	61.0	37.0	110.9
150	157.9	0.0	342.2

