

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022856.D
 Acq On : 23 Jun 2021 21:39
 Operator : JC/MD
 Sample : M2803-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20210618

Manual Integrations
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 6/24/2021 5:00:11 PM

Quant Time: Jun 24 03:38:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	53181	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	108966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51744	53.61	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.22%			
35) Dibromofluoromethane	5.397	113	36129	52.21	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.42%			
50) Toluene-d8	8.653	98	143104	52.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.54%			
62) 4-Bromofluorobenzene	11.085	95	47886	47.31	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.62%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	5907	8.56	ug/l	87
16) Acetone	2.392	43	1234	2.88	ug/l #	79
19) Methyl tert-butyl Ether	3.111	73	1563	0.63	ug/l	95
24) 1,1-Dichloroethane	3.617	63	30870	21.19	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	864m	1.02	ug/l	
30) Chloroform	5.111	83	1699	1.16	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	3671	3.12	ug/l #	88
44) Trichloroethene	7.135	130	5631	7.11	ug/l	93
64) Tetrachloroethene	9.281	164	1023	1.51	ug/l #	74

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

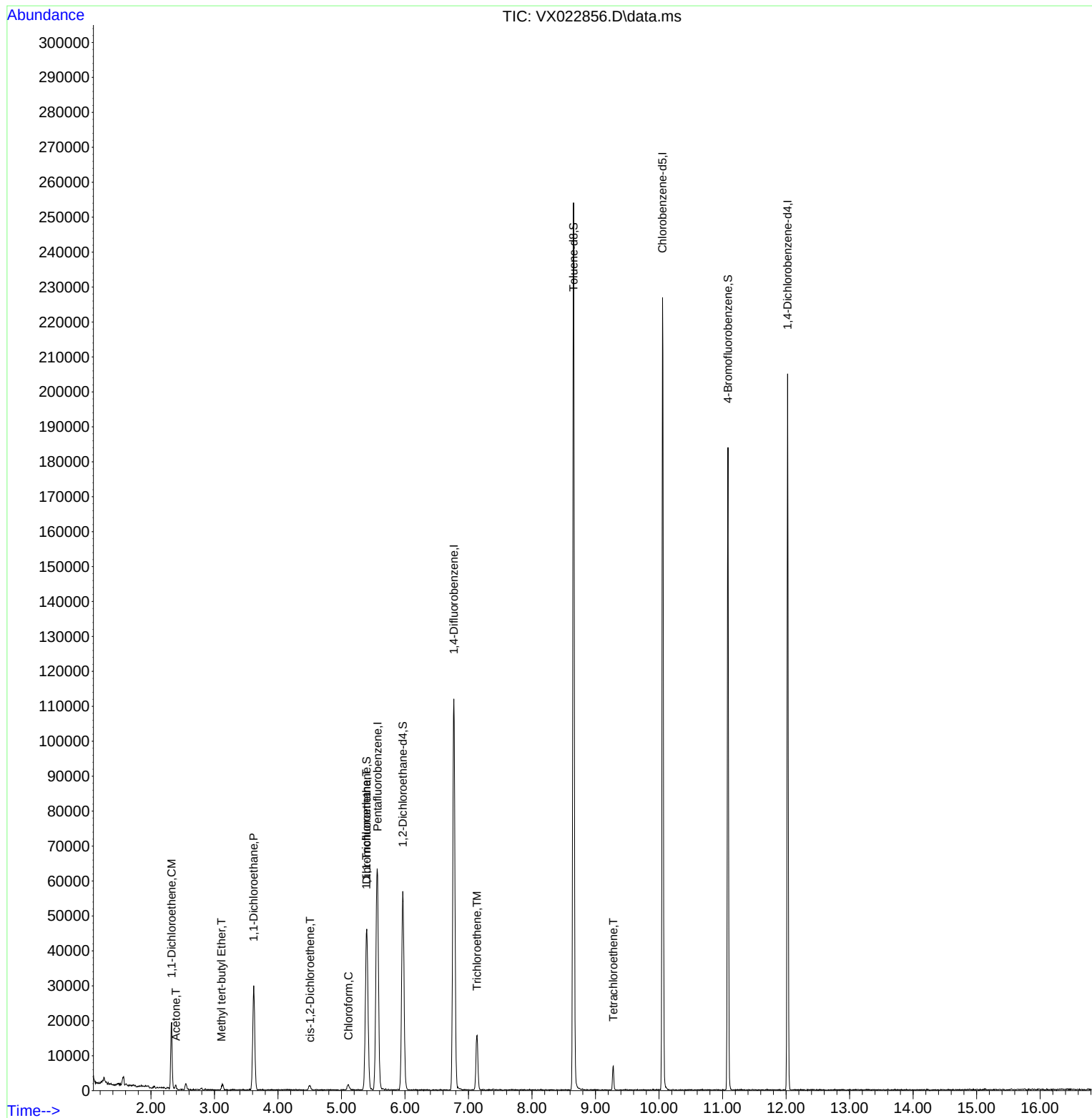
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
Data File : VX022856.D
Acq On : 23 Jun 2021 21:39
Operator : JC/MD
Sample : M2803-06
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ALS Vial : 24 Sample Multiplier: 1

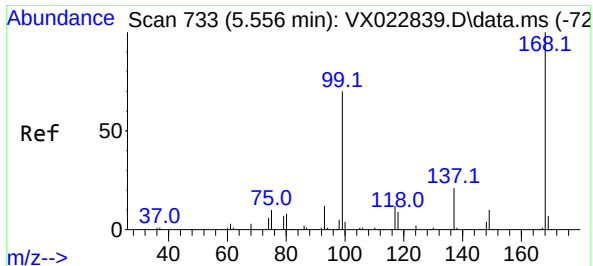
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MSVOA_X
ClientSampleId :
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Manual Integrations
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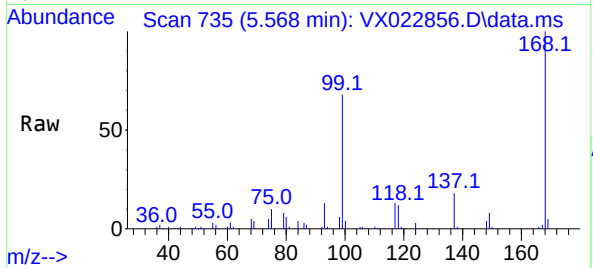
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Quant Time: Jun 24 03:38:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

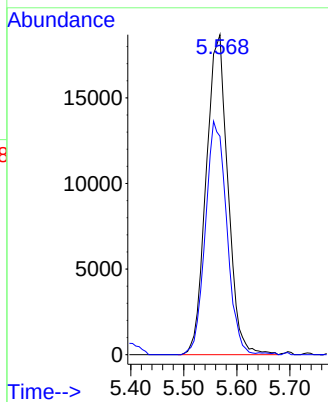
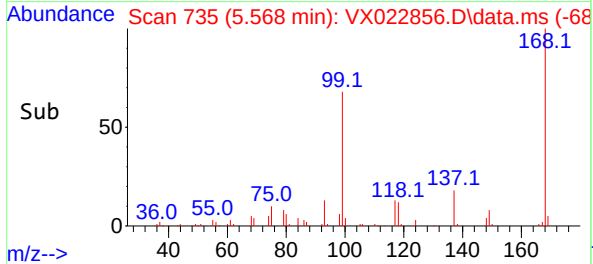




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



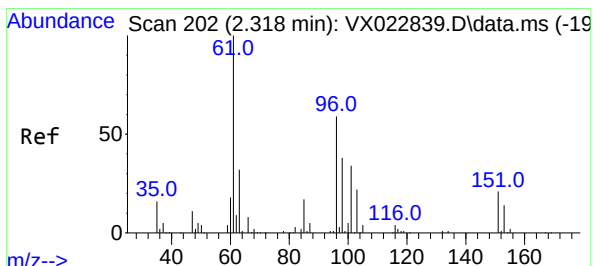
Tgt Ion: 168 Resp: 53181
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



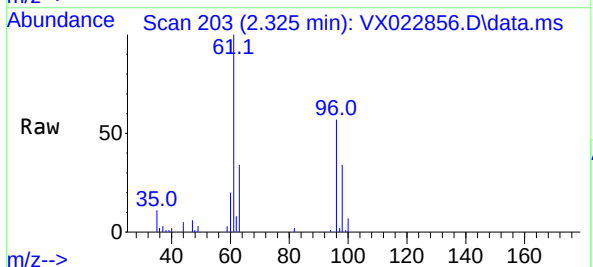
Instrument :
MSVOA_X
ClientSampleId :
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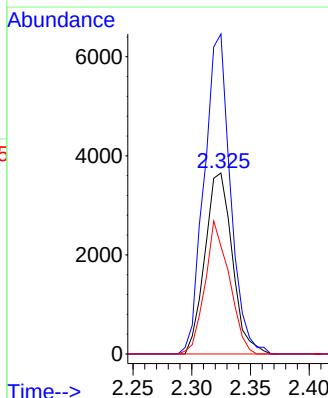
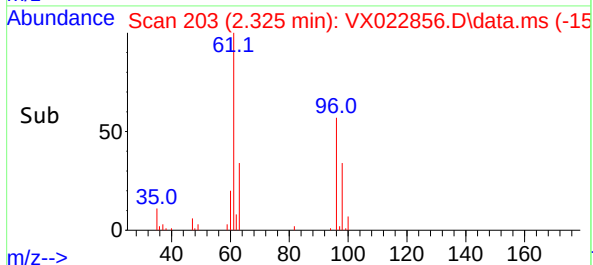
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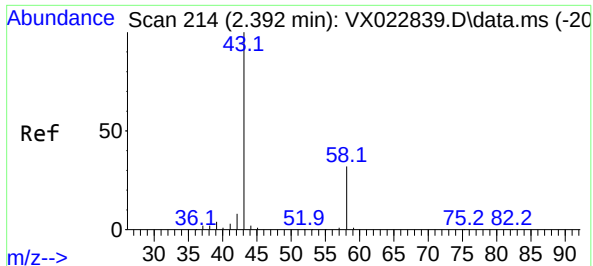


#12
1,1-Dichloroethene
Concen: 8.56 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



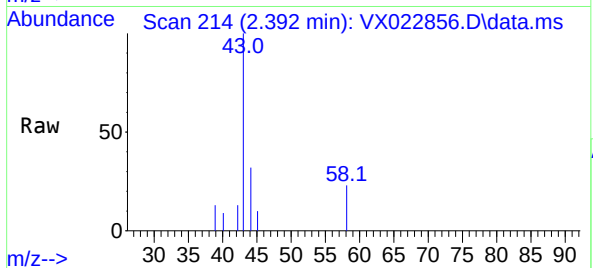
Tgt Ion: 96 Resp: 5907
Ion Ratio Lower Upper
96 100
61 176.8 124.6 187.0
98 59.5 50.6 76.0





#16
Acetone
Concen: 2.88 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

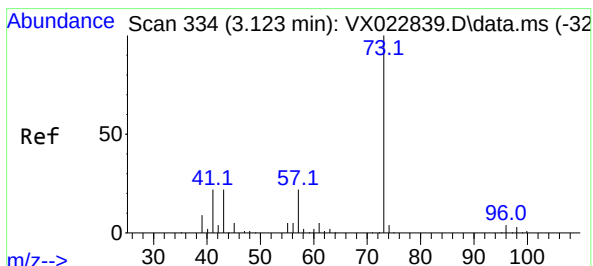
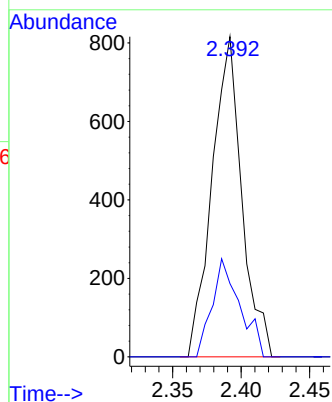
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ClientSampleId :
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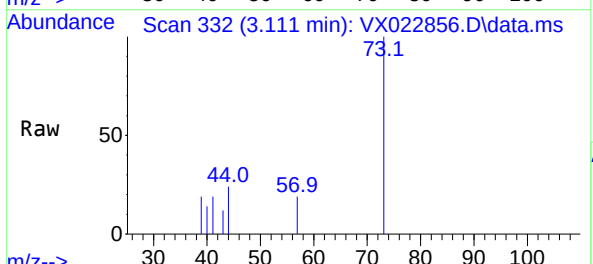
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 22.9 27.8 41.8#

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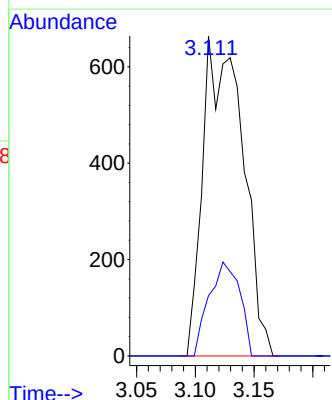
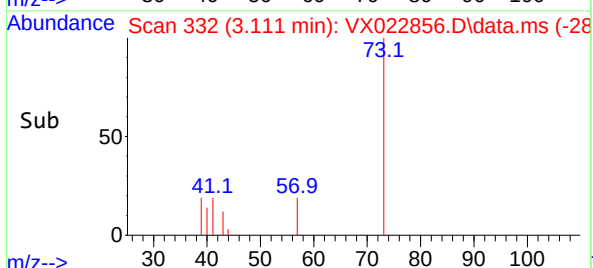
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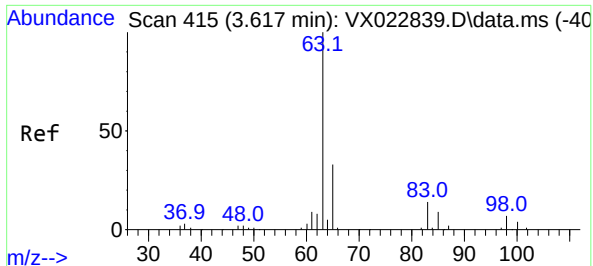


#19
Methyl tert-butyl Ether
Concen: 0.63 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.012 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



Tgt Ion: 73 Resp: 1563
Ion Ratio Lower Upper
73 100
57 18.8 17.1 25.7





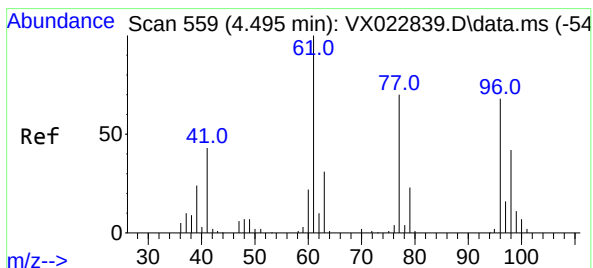
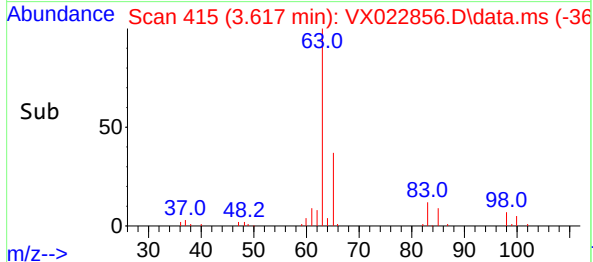
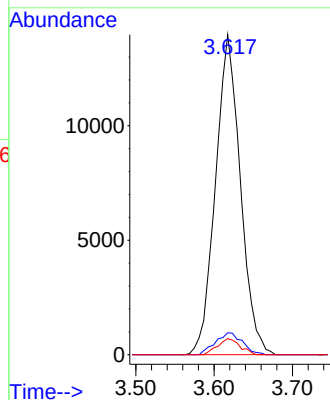
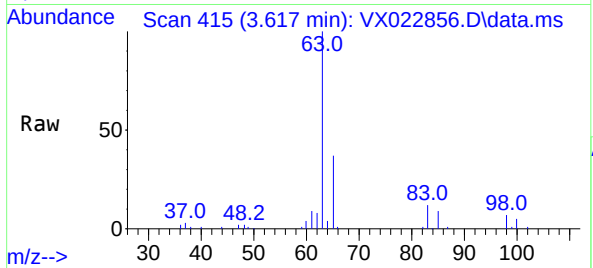
#24
1,1-Dichloroethane
Concen: 21.19 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 63 Resp: 30870
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.2
100 5.0 2.5 7.5

Instrument :
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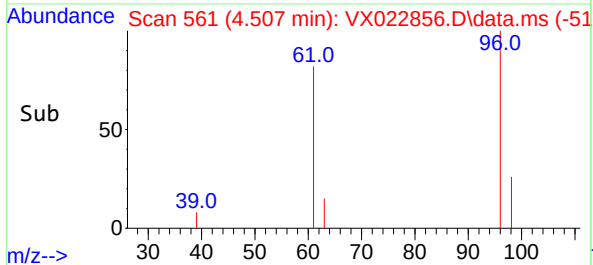
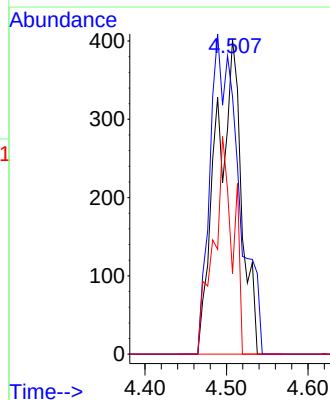
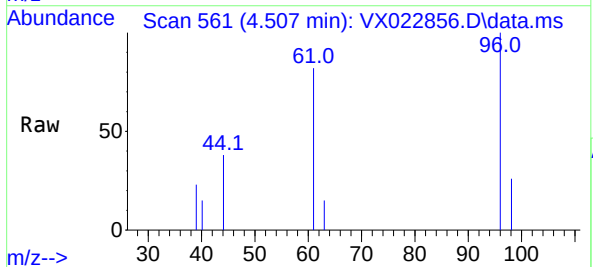
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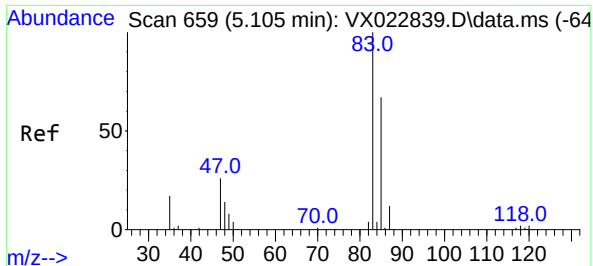
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#27
cis-1,2-Dichloroethene
Concen: 1.02 ug/l m
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 96 Resp: 864
Ion Ratio Lower Upper
96 100
61 0.0 0.0 285.6
98 0.0 0.0 129.6





#30

Chloroform

Concen: 1.16 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

Tgt Ion: 83 Resp: 1699

Ion Ratio Lower Upper

83 100

85 67.0 52.0 78.0

Instrument :

MSVOA_X

ClientSampleId :

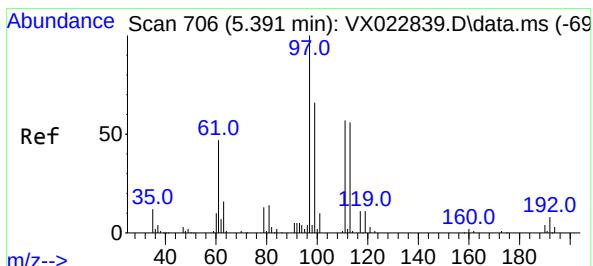
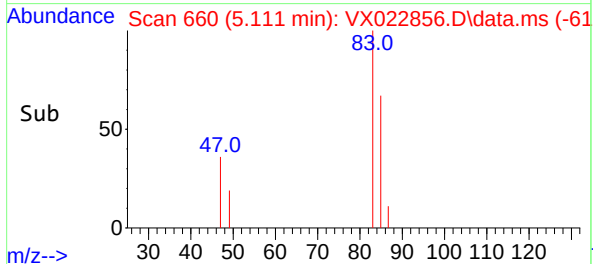
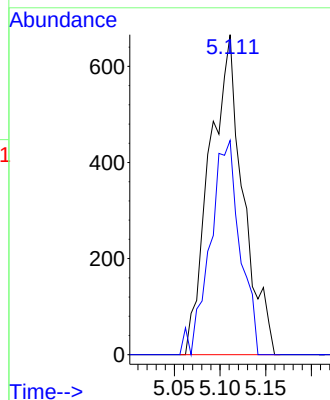
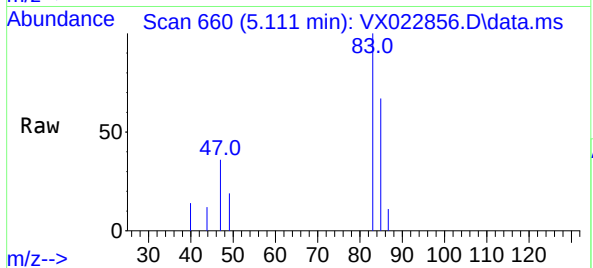
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Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 3.12 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

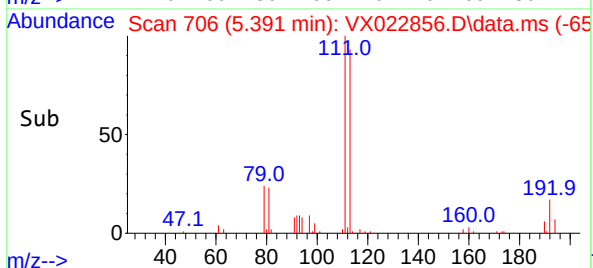
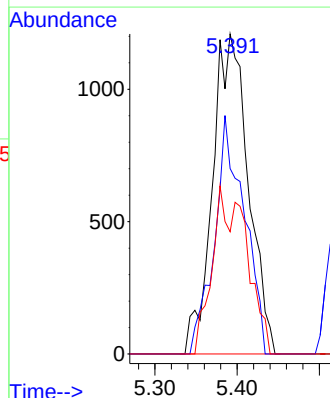
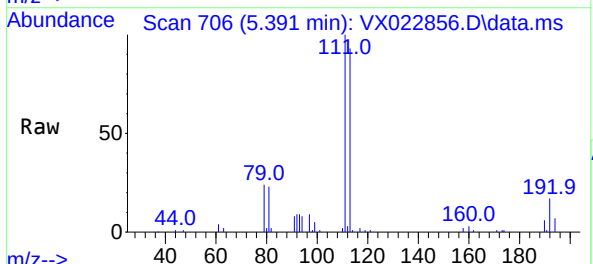
Tgt Ion: 97 Resp: 3671

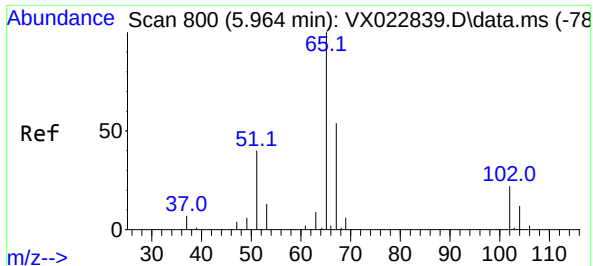
Ion Ratio Lower Upper

97 100

99 61.9 51.5 77.3

61 25.9 34.2 51.4#





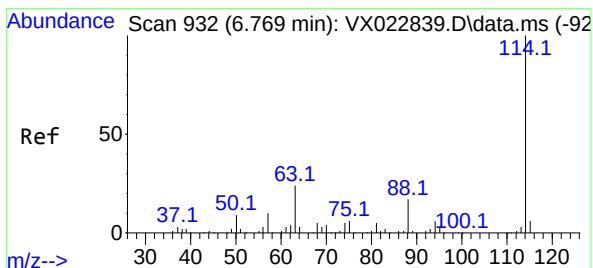
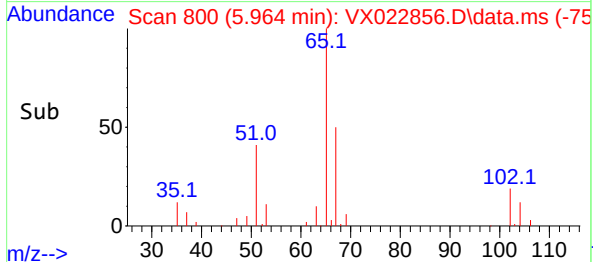
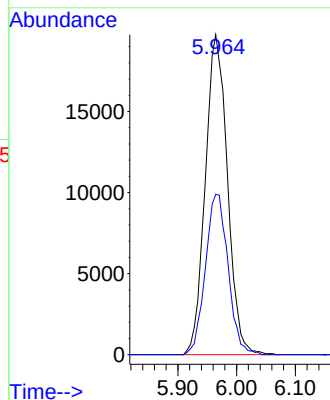
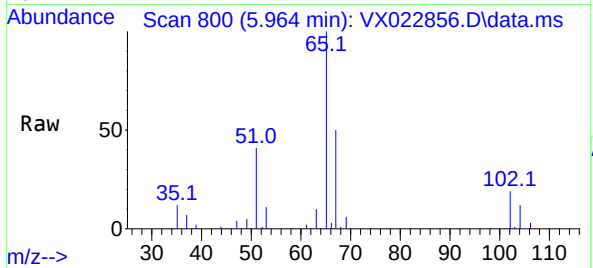
#33
1,2-Dichloroethane-d4
Concen: 53.61 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 65 Resp: 51744
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

Instrument :
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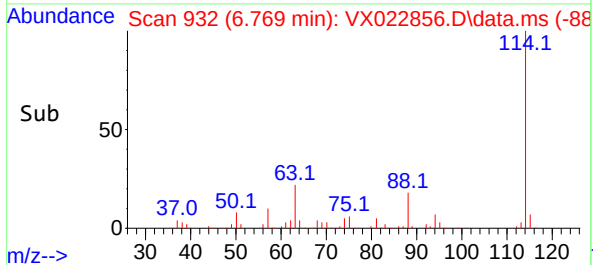
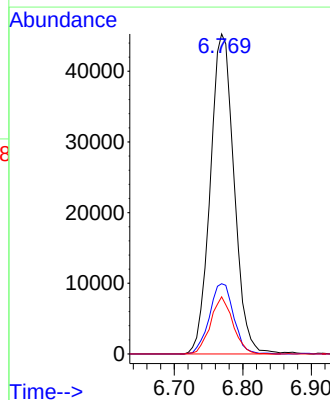
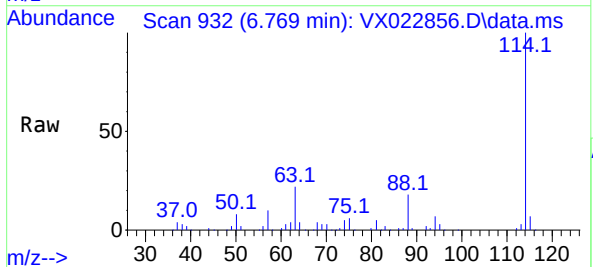
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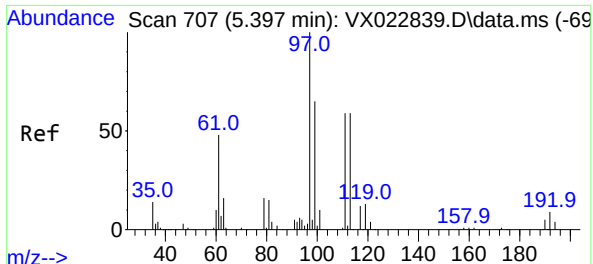
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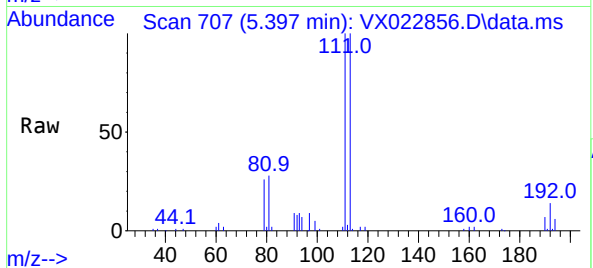
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 114 Resp: 108966
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 17.8 0.0 32.8

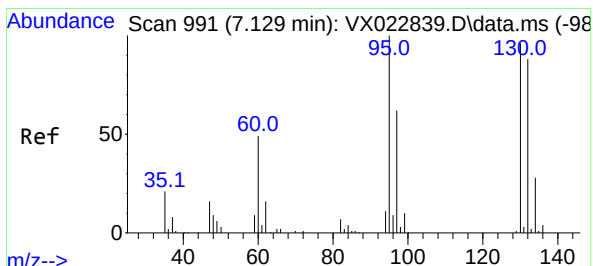
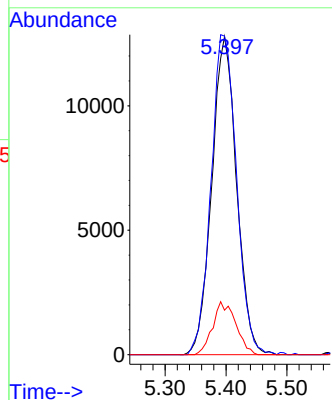
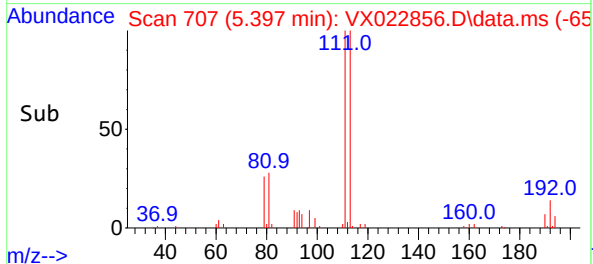




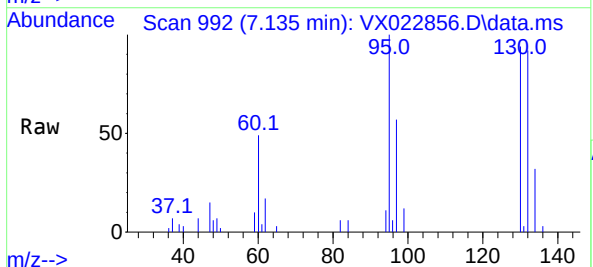
#35
Dibromofluoromethane
Concen: 52.21 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



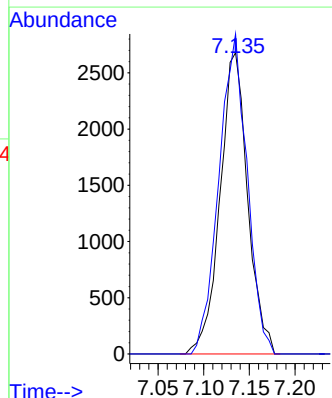
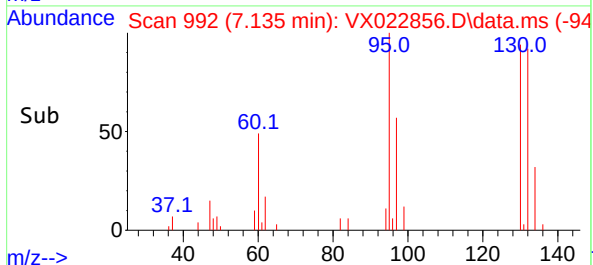
Tgt Ion:113 Resp: 36129
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 15.6 16.7 25.1#



#44
Trichloroethene
Concen: 7.11 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



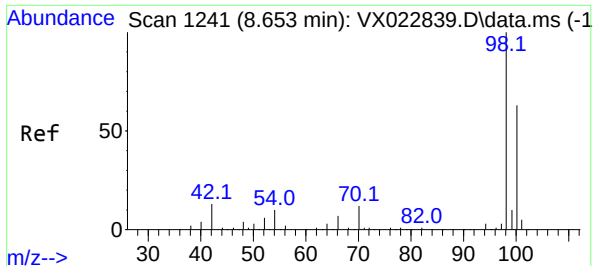
Tgt Ion:130 Resp: 5631
Ion Ratio Lower Upper
130 100
95 106.2 0.0 198.0



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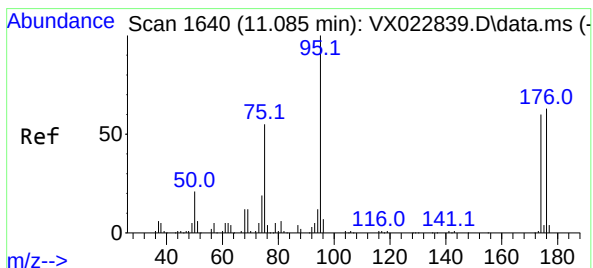
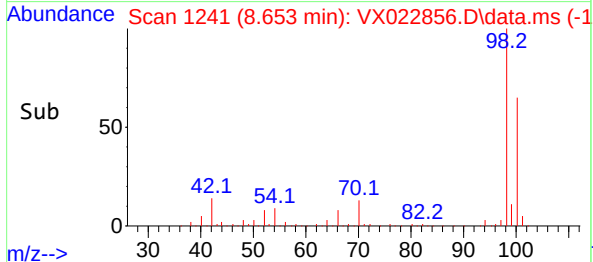
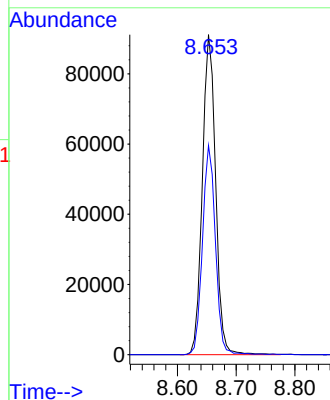
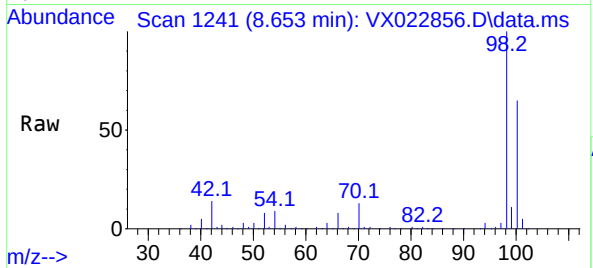
#50
Toluene-d8
Concen: 52.77 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 98 Resp: 143104
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

Instrument :
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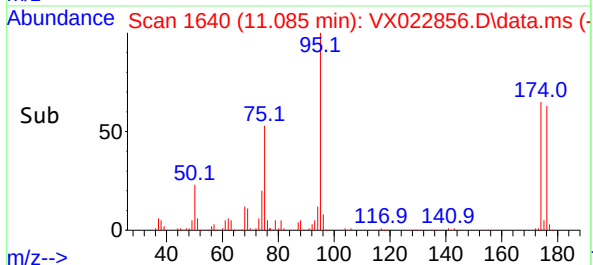
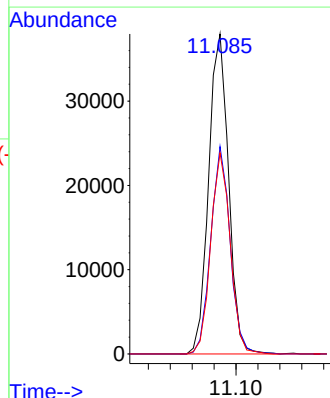
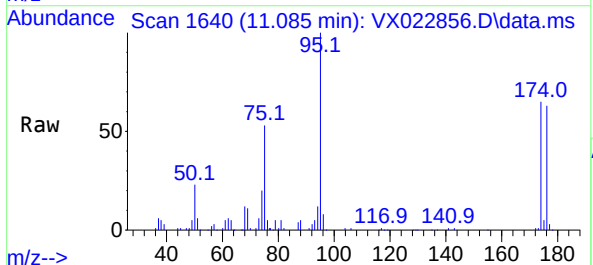
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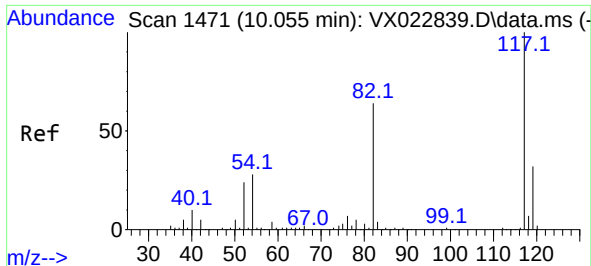
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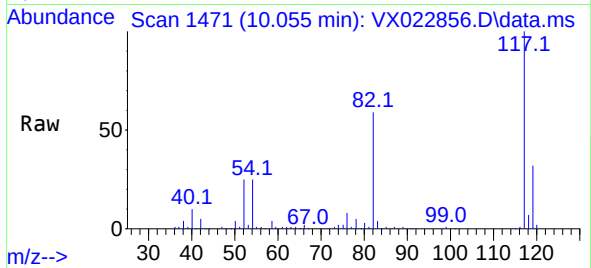
#62
4-Bromofluorobenzene
Concen: 47.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 95 Resp: 47886
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 61.5 0.0 155.8

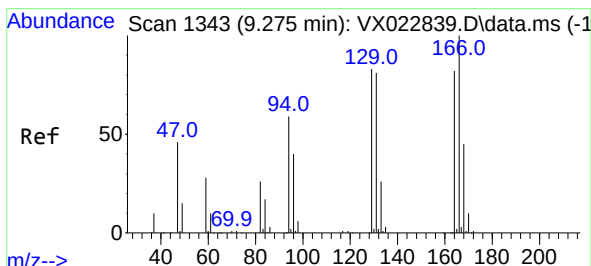
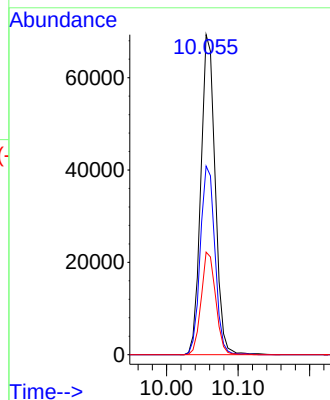
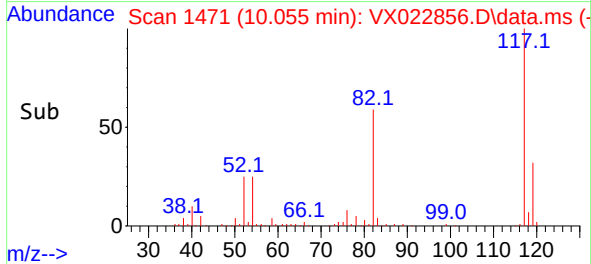




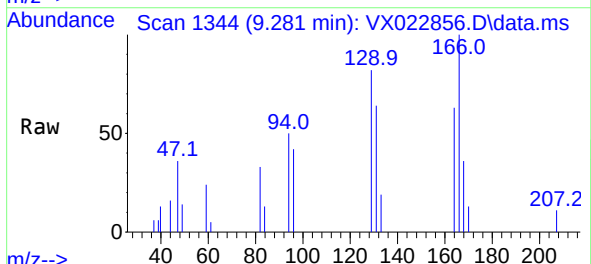
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



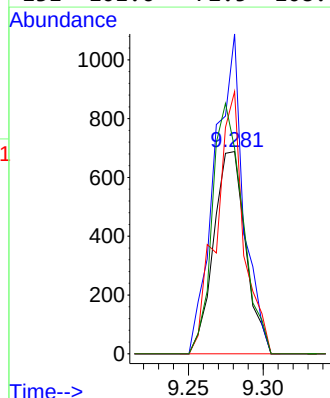
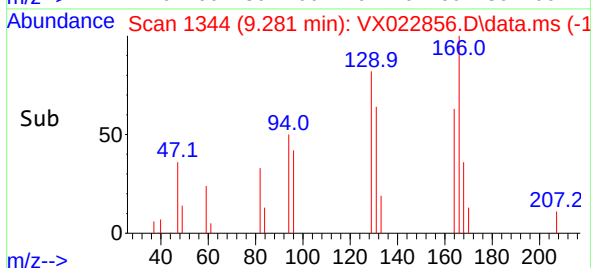
Tgt Ion:117 Resp: 96605
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 1.51 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



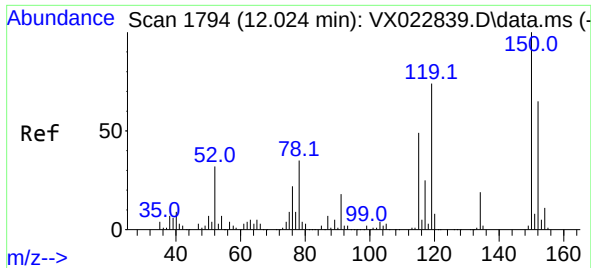
Tgt Ion:164 Resp: 1023
Ion Ratio Lower Upper
164 100
166 158.1 103.4 155.2#
129 129.7 70.8 106.2#
131 101.6 72.5 108.7



Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20210618

Manual Integrations
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022856.D
 Acq: 23 Jun 2021 21:39

Tgt Ion:152 Resp: 35296
 Ion Ratio Lower Upper
 152 100
 115 68.0 41.1 123.3
 150 158.6 0.0 349.0

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20210618

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:11 PM

