

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035833.D
 Acq On : 24 May 2023 14:05
 Operator : JC/MD
 Sample : 02911-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20230522

Quant Time: May 25 05:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

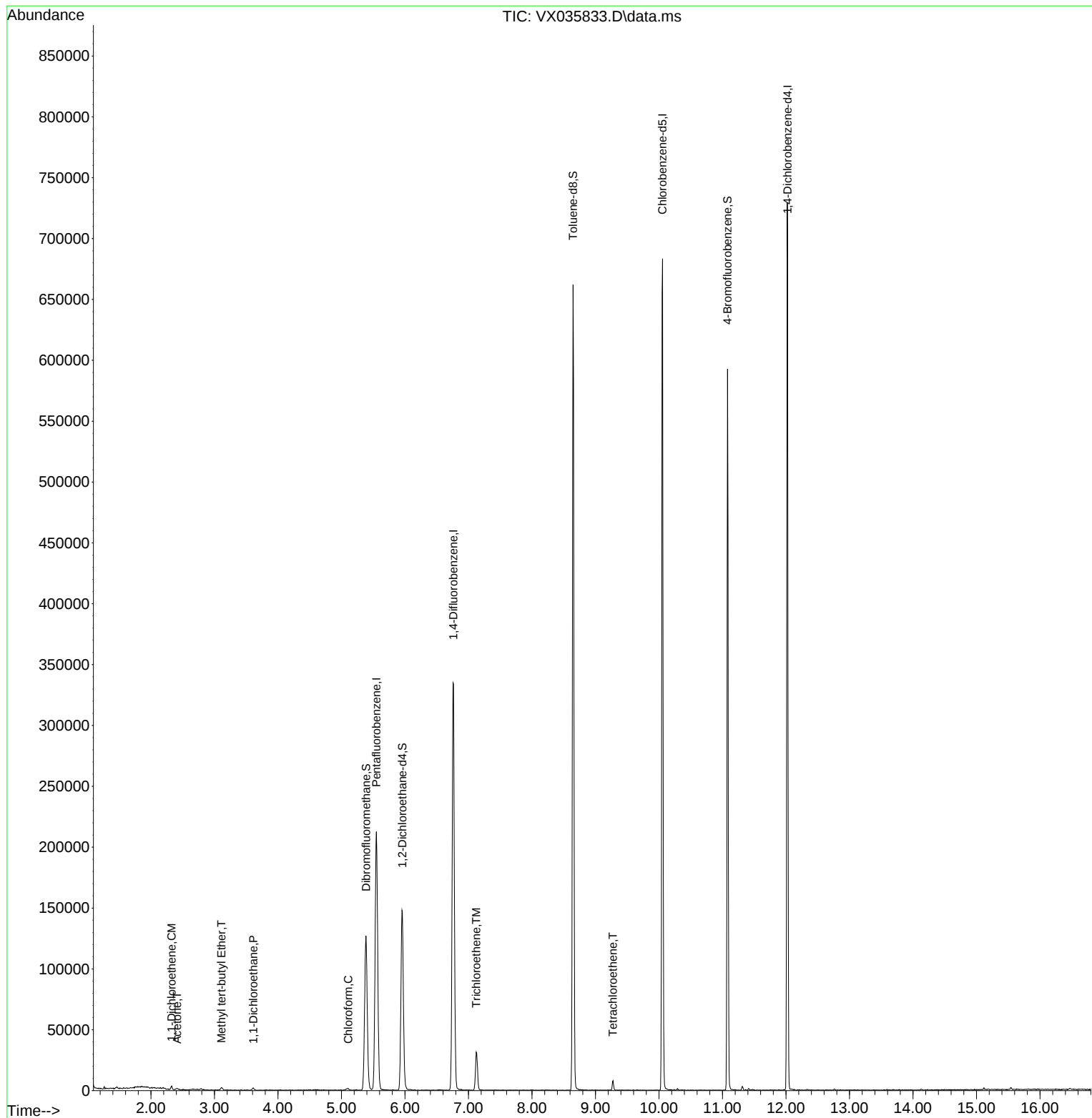
Internal Standards						
1) Pentafluorobenzene	5.550	168	194446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	340297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141514	41.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.440%
35) Dibromofluoromethane	5.385	113	109217	47.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	8.647	98	375986	44.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.700%#
62) 4-Bromofluorobenzene	11.079	95	149516	43.799	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	732	0.338	ug/l	82
16) Acetone	2.410	43	1634	1.121	ug/l #	81
19) Methyl tert-butyl Ether	3.111	73	2231	0.259	ug/l	93
24) 1,1-Dichloroethane	3.611	63	2162	0.445	ug/l #	79
30) Chloroform	5.105	83	1590	0.319	ug/l #	76
44) Trichloroethene	7.123	130	12086	4.703	ug/l	99
64) Tetrachloroethene	9.275	164	792	0.395	ug/l	91

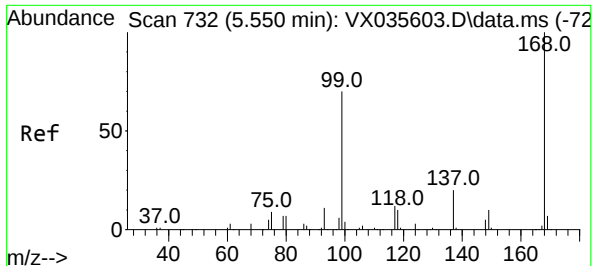
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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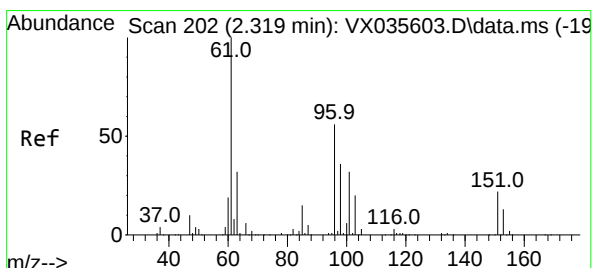
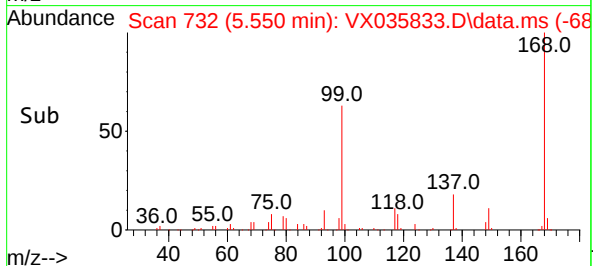
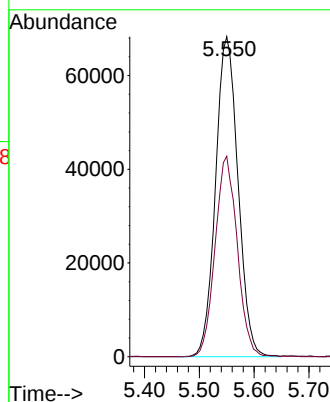
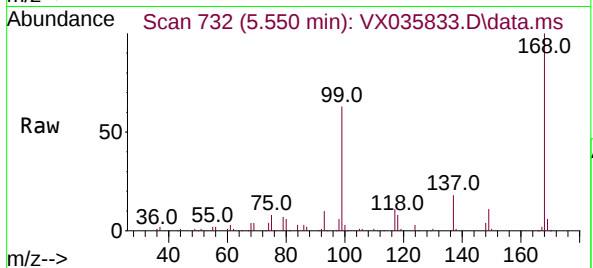




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

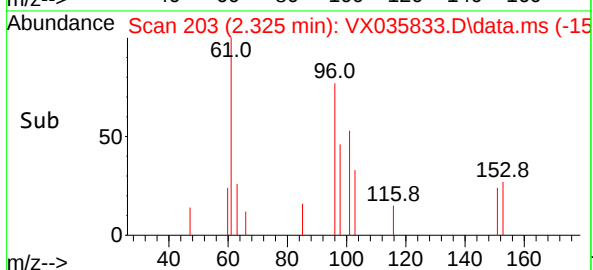
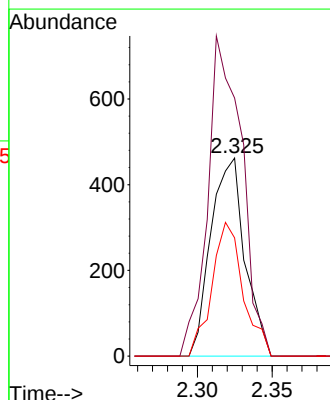
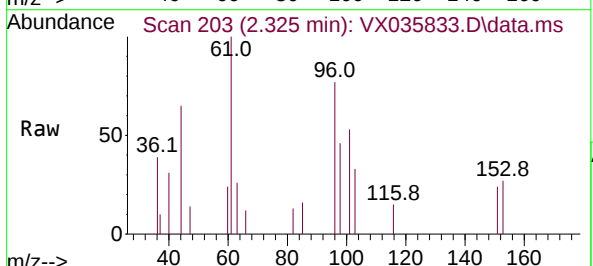
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

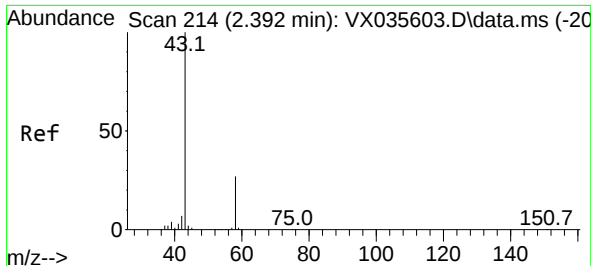
Tgt Ion:168 Resp: 194446
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#12
1,1-Dichloroethene
Concen: 0.338 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 96 Resp: 732
Ion Ratio Lower Upper
96 100
61 130.3 128.8 193.2
98 59.7 51.4 77.0





#16

Acetone

Concen: 1.121 ug/l

RT: 2.410 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX035833.D

Acq: 24 May 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

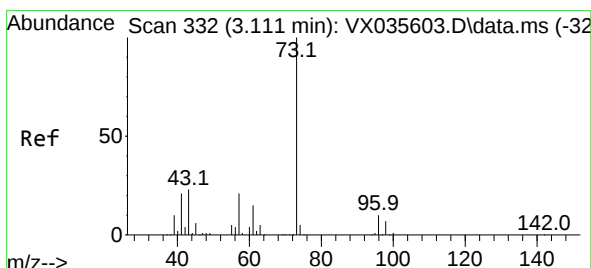
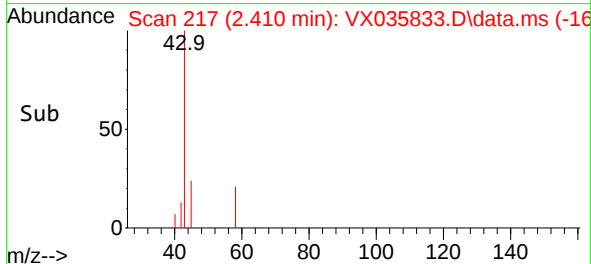
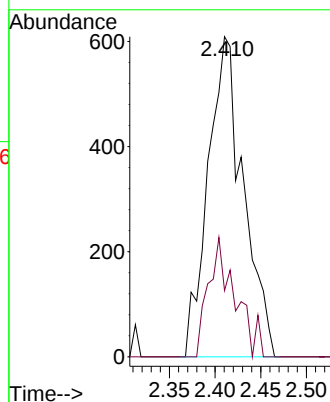
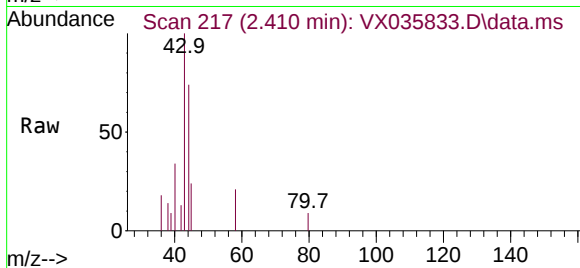
TT205S1-20230522

Tgt Ion: 43 Resp: 1634

Ion Ratio Lower Upper

43 100

58 20.7 24.7 37.1#



#19

Methyl tert-butyl Ether

Concen: 0.259 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX035833.D

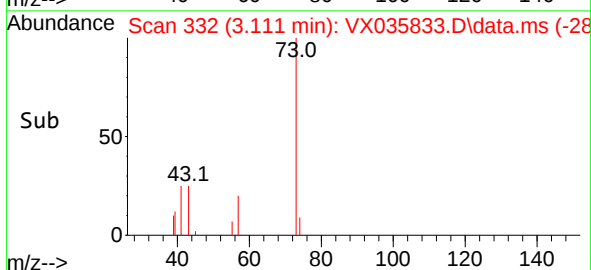
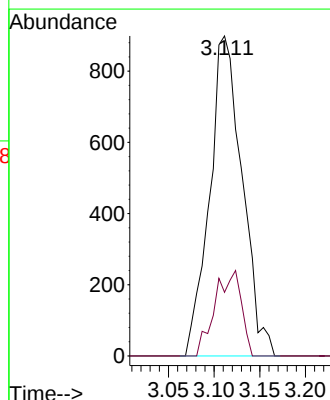
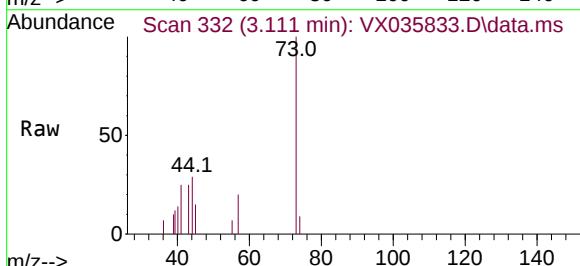
Acq: 24 May 2023 14:05

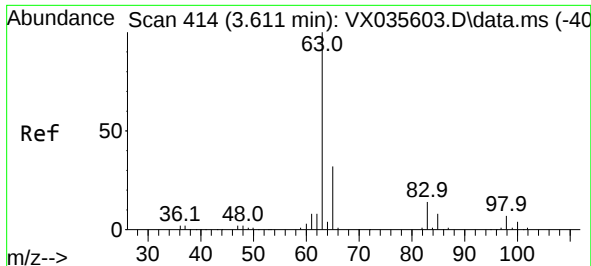
Tgt Ion: 73 Resp: 2231

Ion Ratio Lower Upper

73 100

57 19.9 18.5 27.7

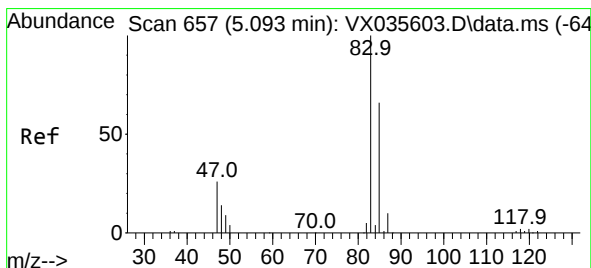
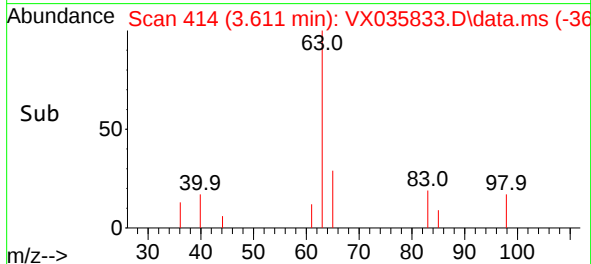
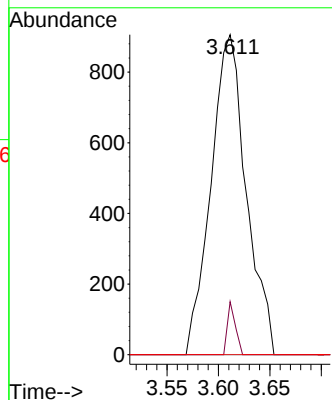
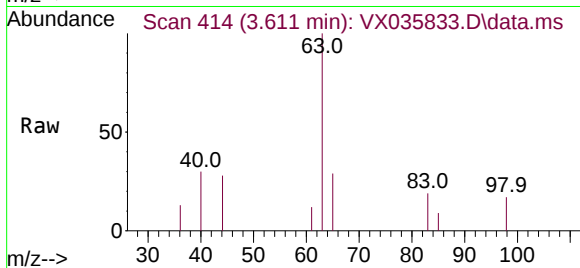




#24
1,1-Dichloroethane
Concen: 0.445 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

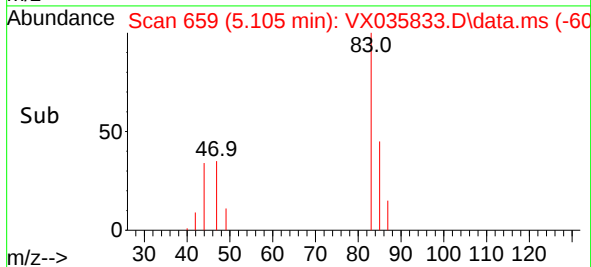
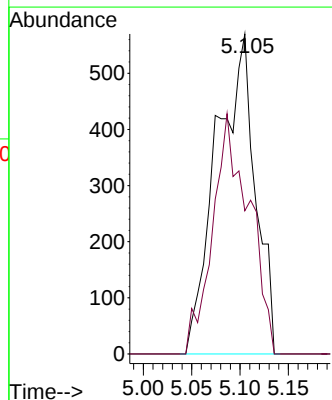
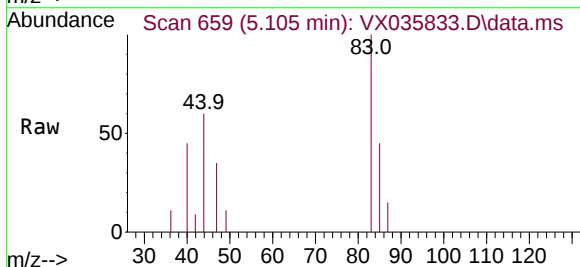
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

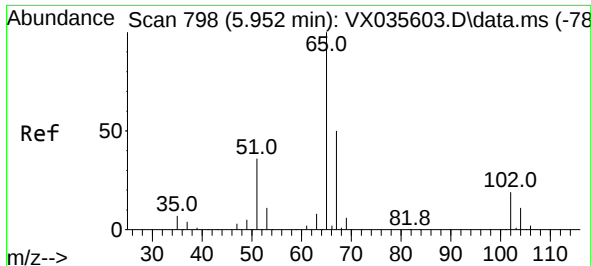
Tgt Ion: 63 Resp: 2162
Ion Ratio Lower Upper
63 100
98 16.6 3.8 11.2#
100 0.0 2.4 7.1#



#30
Chloroform
Concen: 0.319 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 83 Resp: 1590
Ion Ratio Lower Upper
83 100
85 44.7 50.6 76.0#

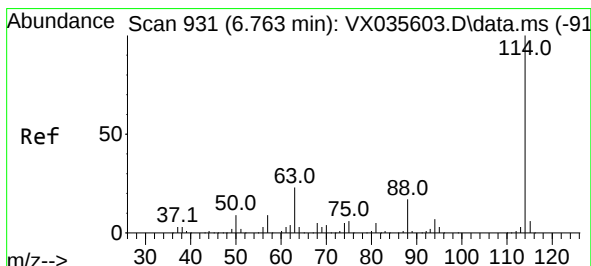
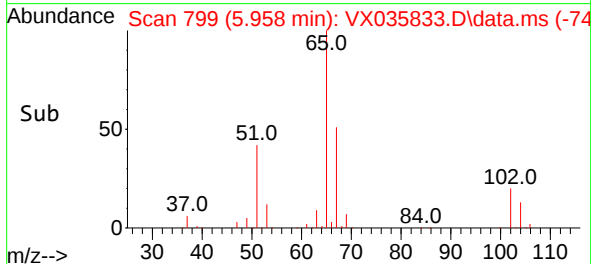
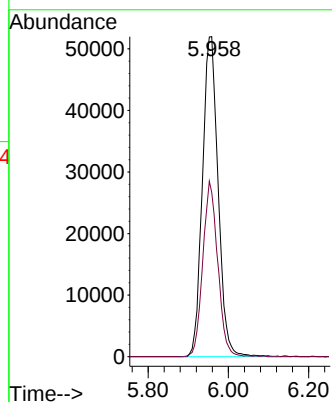
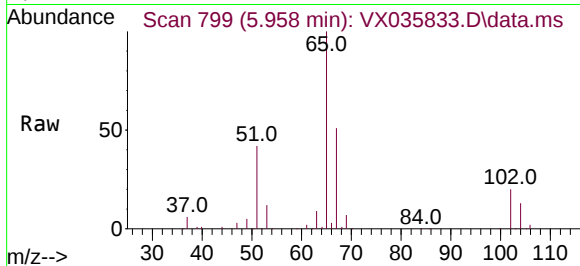




#33
 1,2-Dichloroethane-d4
 Concen: 41.718 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX035833.D
 Acq: 24 May 2023 14:05

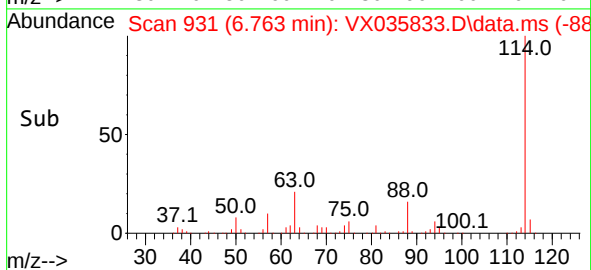
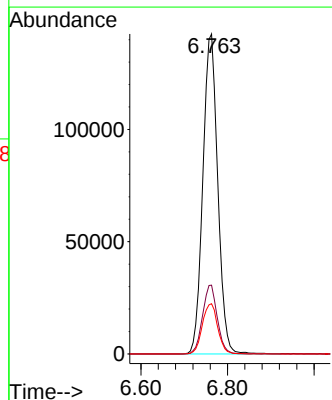
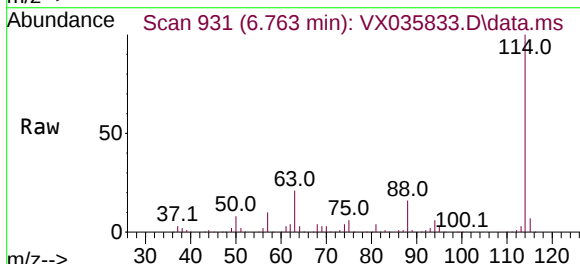
Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20230522

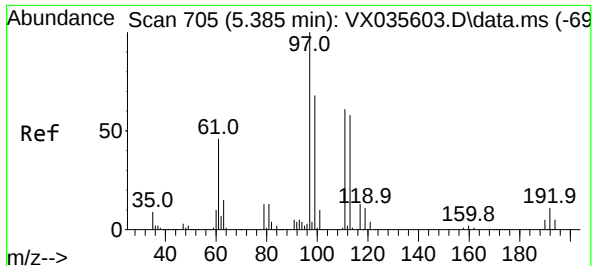
Tgt Ion: 65 Resp: 141514
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035833.D
 Acq: 24 May 2023 14:05

Tgt Ion: 114 Resp: 340297
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.590 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035833.D

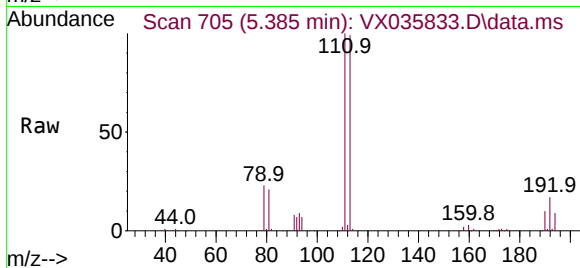
Acq: 24 May 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

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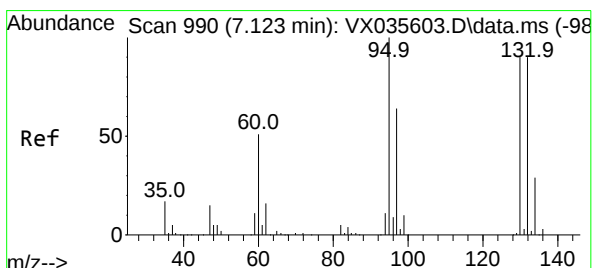
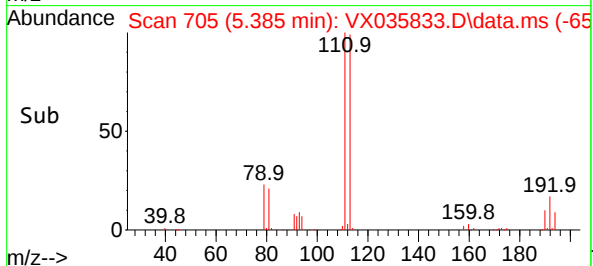
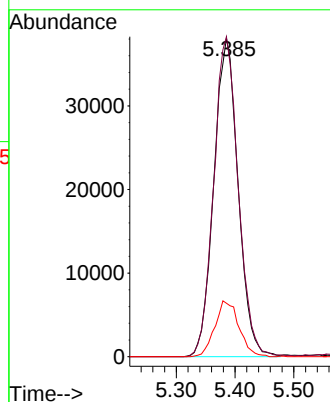
Tgt Ion:113 Resp: 109217

Ion Ratio Lower Upper

113 100

111 101.8 83.7 125.5

192 17.4 15.4 23.2



#44

Trichloroethene

Concen: 4.703 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035833.D

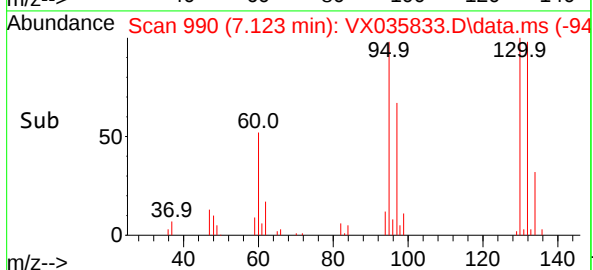
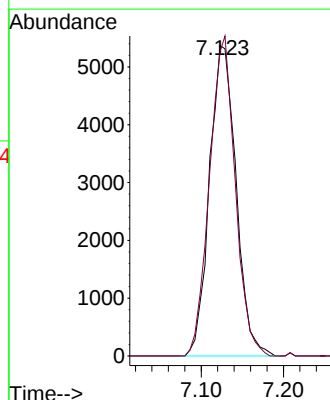
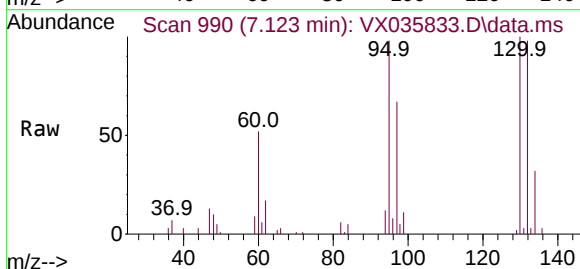
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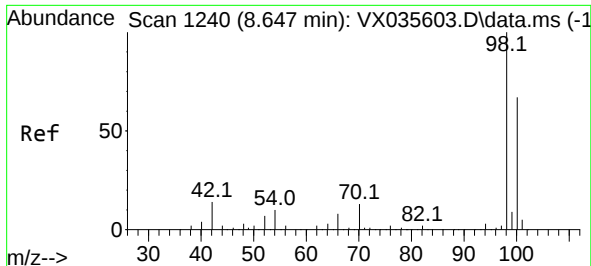
Tgt Ion:130 Resp: 12086

Ion Ratio Lower Upper

130 100

95 98.0 0.0 198.4

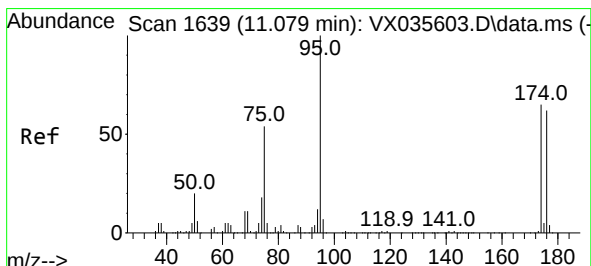
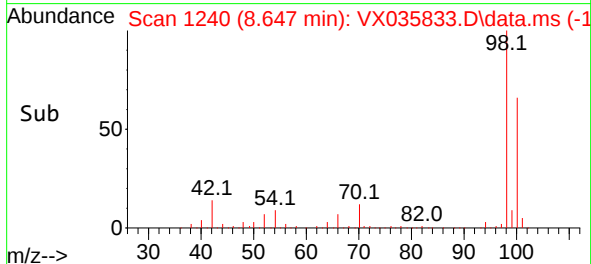
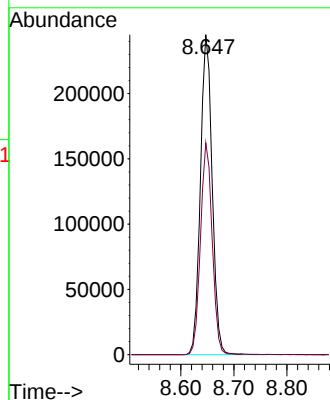
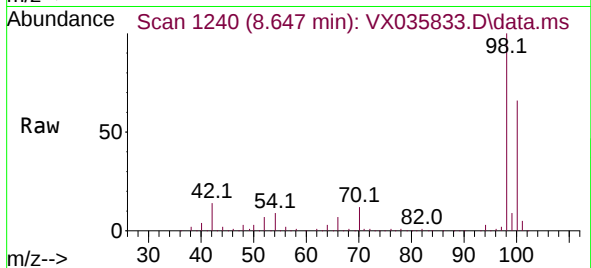




#50
Toluene-d8
Concen: 44.348 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

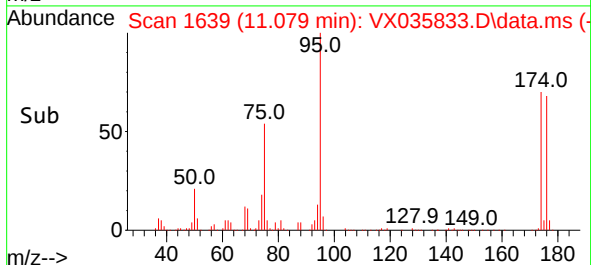
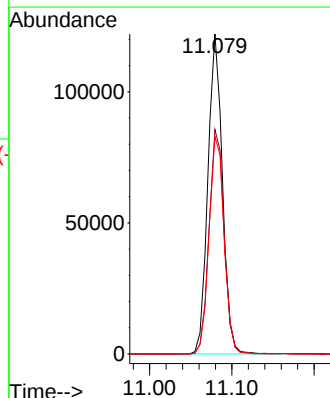
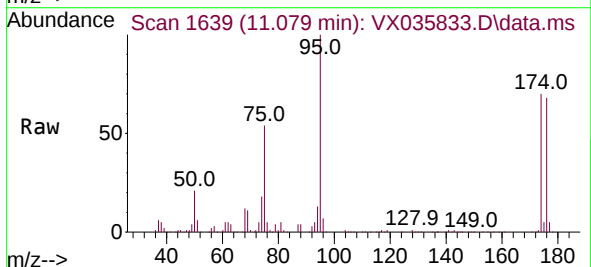
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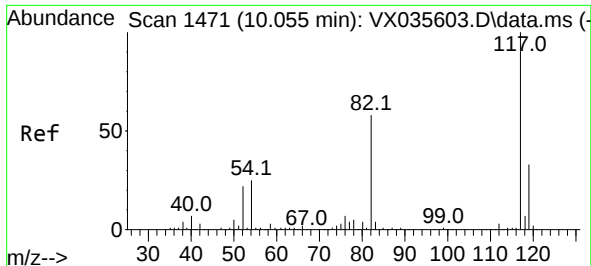
Tgt Ion: 98 Resp: 375986
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion: 95 Resp: 149516
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 70.4 0.0 140.6

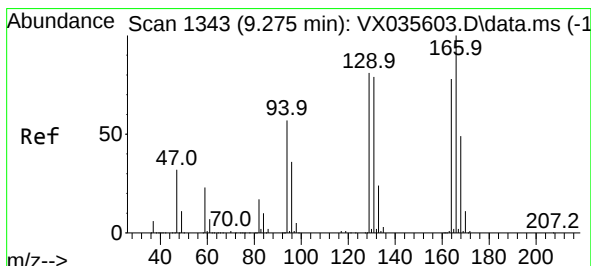
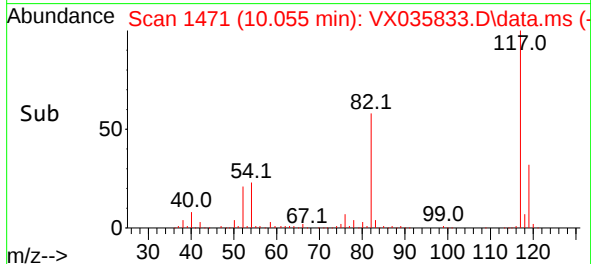
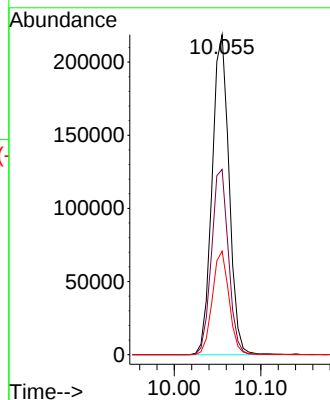
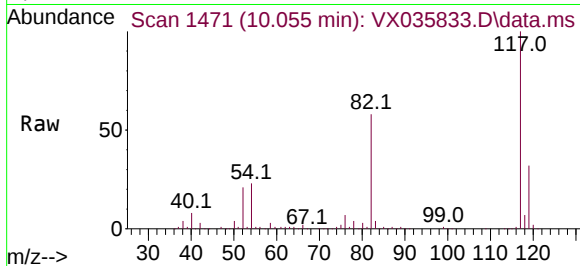




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

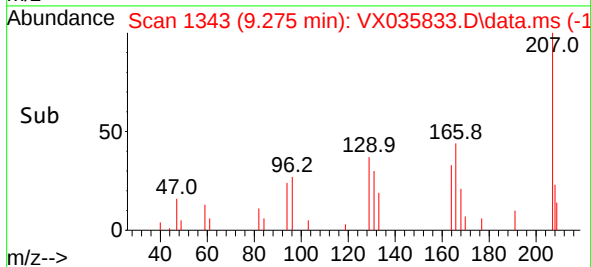
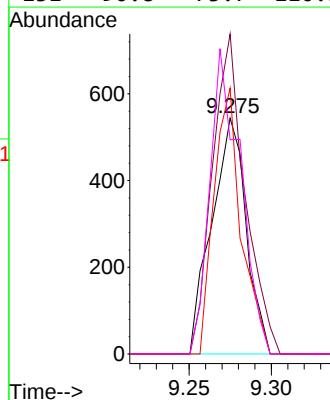
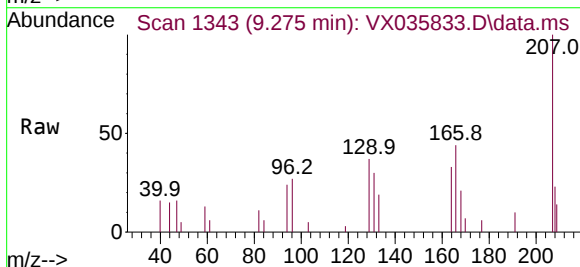
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20230522

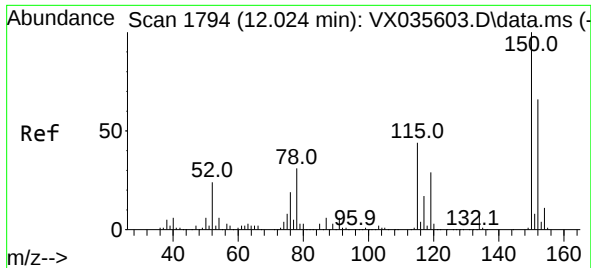
Tgt Ion:117 Resp: 297733
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.4 26.0 39.0



#64
Tetrachloroethene
Concen: 0.395 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035833.D
Acq: 24 May 2023 14:05

Tgt Ion:164 Resp: 792
Ion Ratio Lower Upper
164 100
166 135.7 102.7 154.1
129 112.7 75.6 113.4
131 90.8 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035833.D

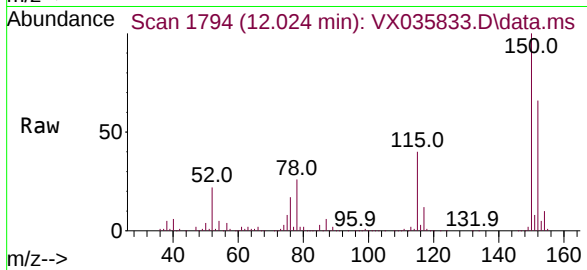
Acq: 24 May 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20230522



Tgt Ion:152 Resp: 142305

Ion Ratio Lower Upper

152 100

115 63.0 45.0 135.0

150 157.0 0.0 352.4

