

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035845.D
 Acq On : 24 May 2023 18:44
 Operator : JC/MD
 Sample : 02911-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01S-20230522

Quant Time: May 25 05:34:56 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)

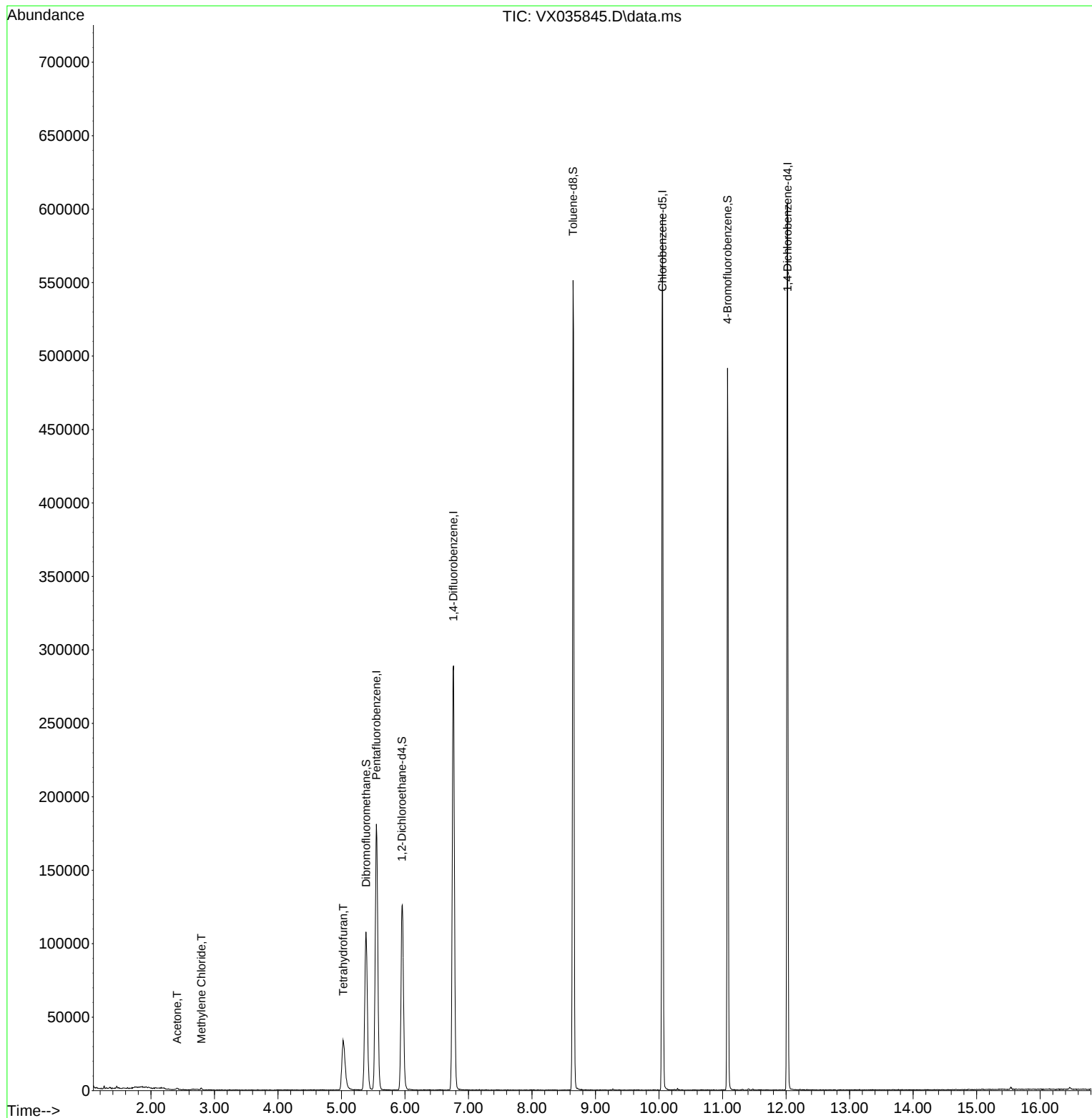
Internal Standards						
1) Pentafluorobenzene	5.550	168	165136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123670	42.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.860%
35) Dibromofluoromethane	5.385	113	93303	47.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.646	98	320875	44.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.800%#
62) 4-Bromofluorobenzene	11.079	95	125428	43.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.200%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1883	1.521	ug/l #	65
20) Methylene Chloride	2.794	84	498	0.222	ug/l #	86
29) Tetrahydrofuran	5.025	42	38663	35.888	ug/l	97

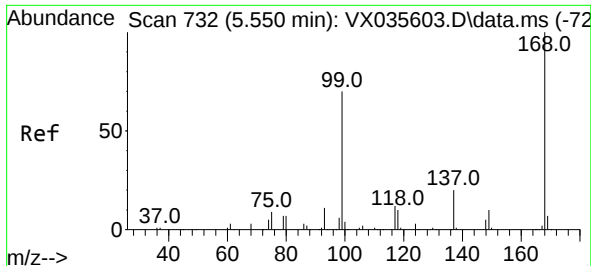
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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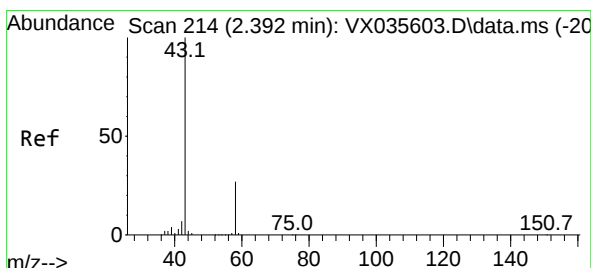
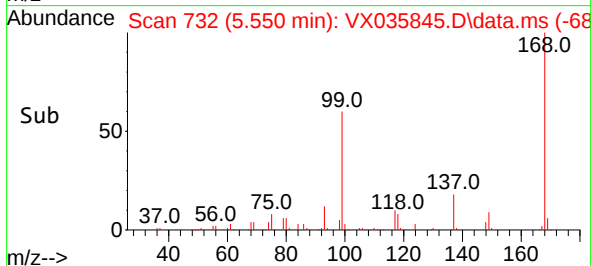
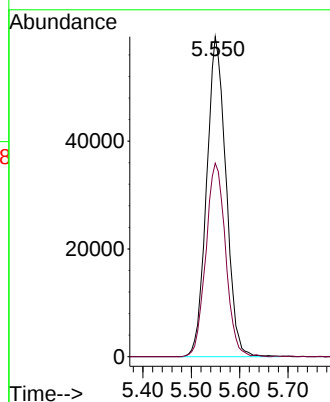
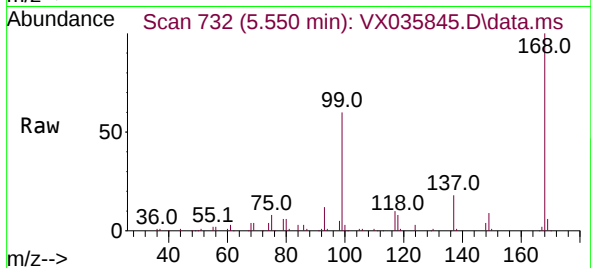




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

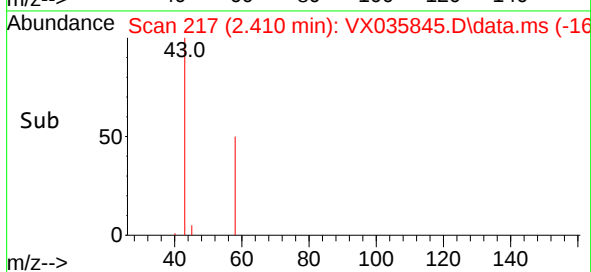
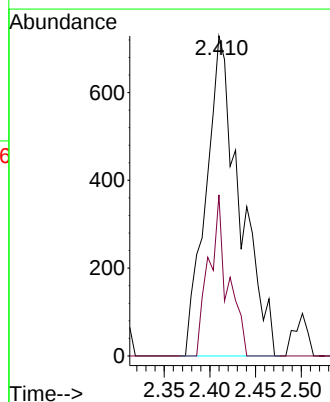
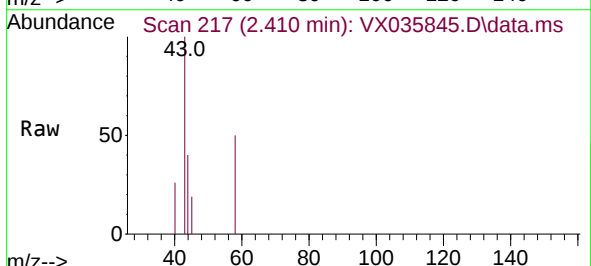
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01S-20230522

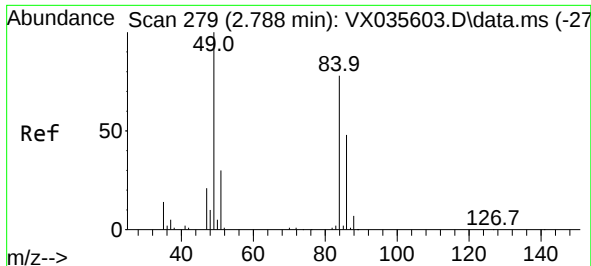
Tgt Ion:168 Resp: 165136
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#16
Acetone
Concen: 1.521 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 43 Resp: 1883
Ion Ratio Lower Upper
43 100
58 50.3 24.7 37.1#





#20

Methylene Chloride

Concen: 0.222 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035845.D

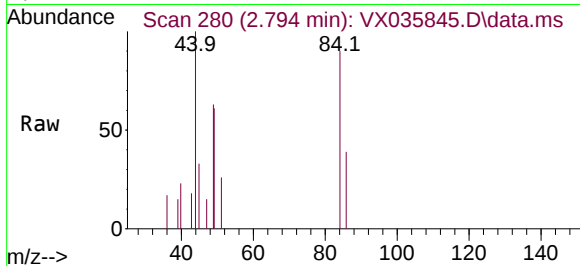
Acq: 24 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01S-20230522



Tgt Ion: 84 Resp: 498

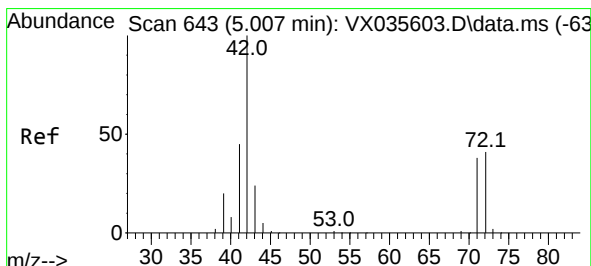
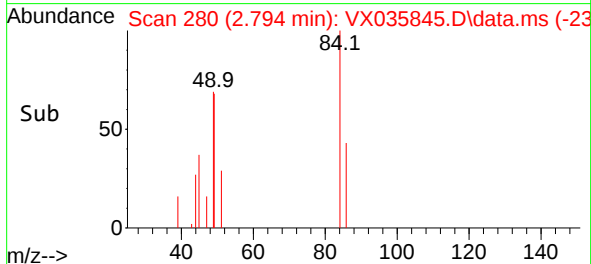
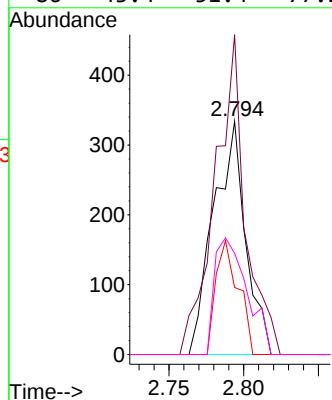
Ion Ratio Lower Upper

84 100

49 137.1 103.8 155.8

51 28.7 31.8 47.8#

86 43.4 51.4 77.2#



#29

Tetrahydrofuran

Concen: 35.888 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX035845.D

Acq: 24 May 2023 18:44

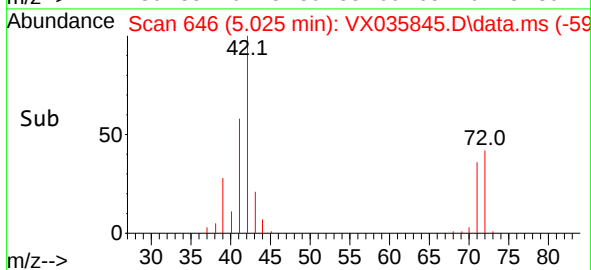
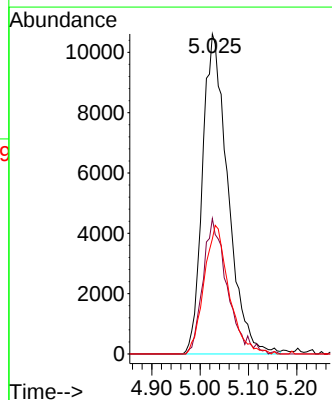
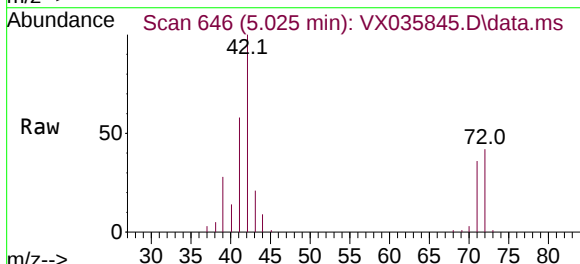
Tgt Ion: 42 Resp: 38663

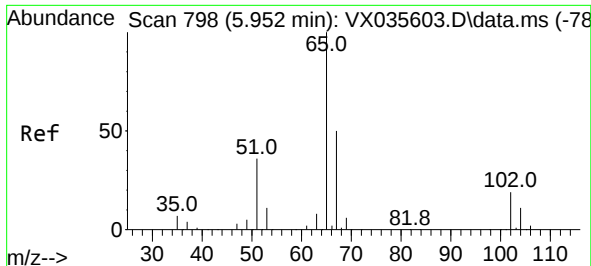
Ion Ratio Lower Upper

42 100

72 40.3 34.5 51.7

71 39.3 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 42.928 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035845.D

Acq: 24 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

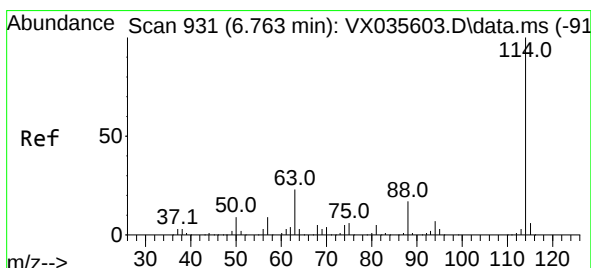
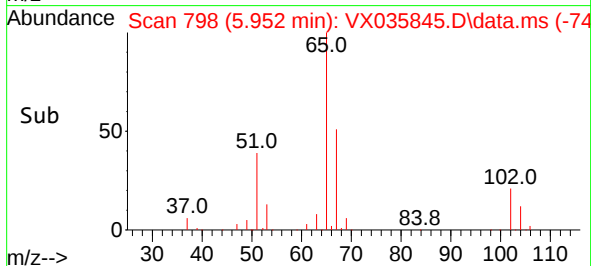
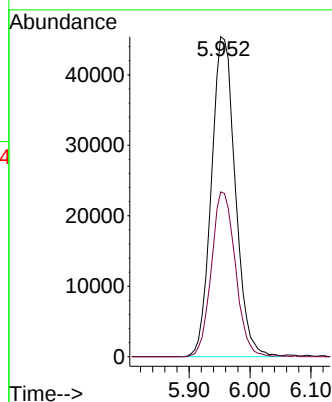
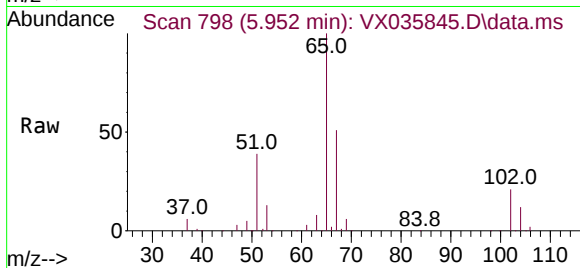
RW9-MW01S-20230522

Tgt Ion: 65 Resp: 123670

Ion Ratio Lower Upper

65 100

67 51.7 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: VX035845.D

Acq: 24 May 2023 18:44

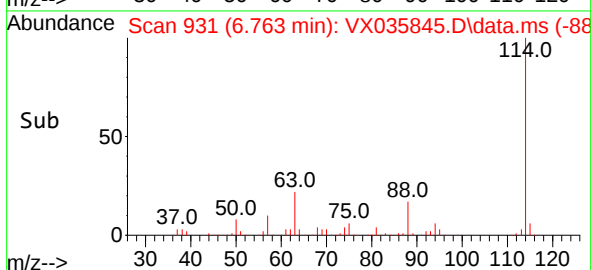
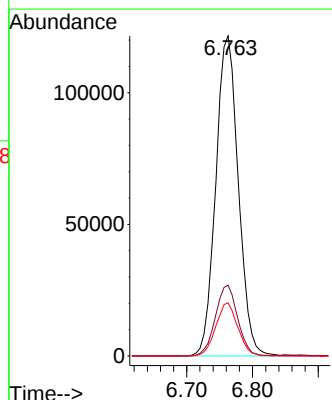
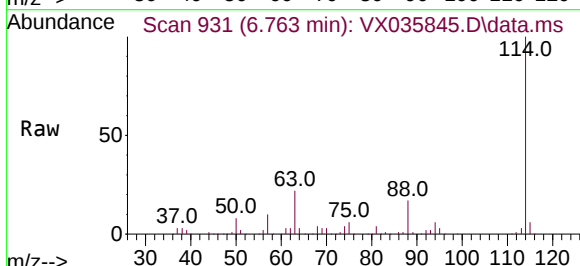
Tgt Ion: 114 Resp: 290094

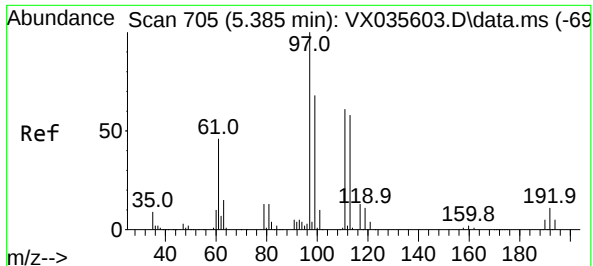
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.2

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.692 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035845.D

Acq: 24 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01S-20230522

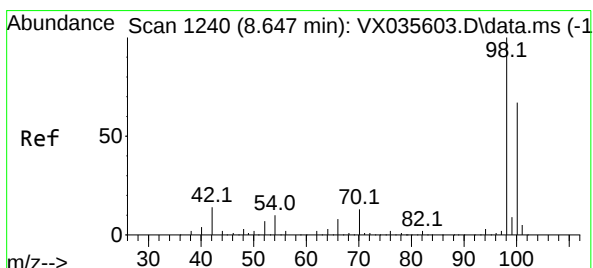
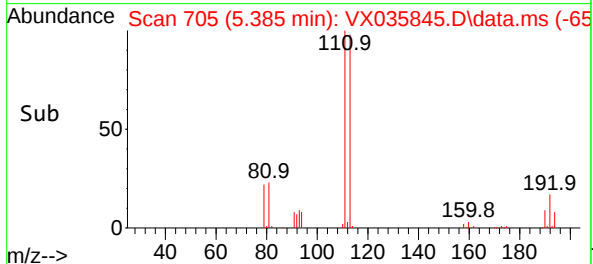
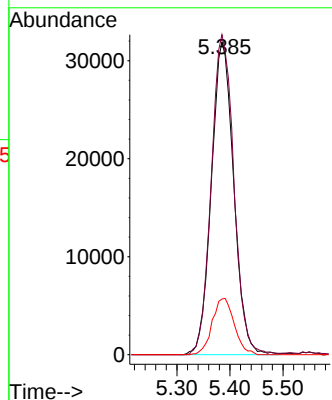
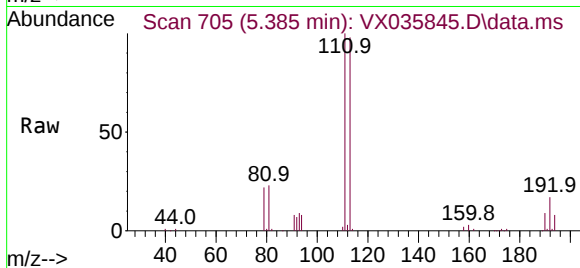
Tgt Ion:113 Resp: 93303

Ion Ratio Lower Upper

113 100

111 103.3 83.7 125.5

192 17.8 15.4 23.2



#50

Toluene-d8

Concen: 44.397 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.001 min

Lab File: VX035845.D

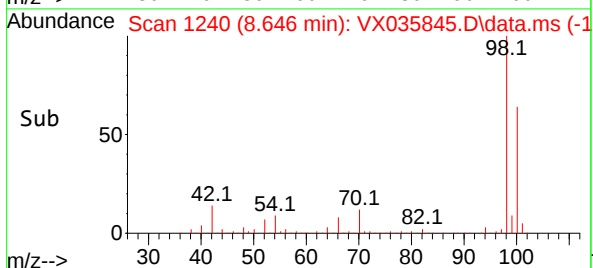
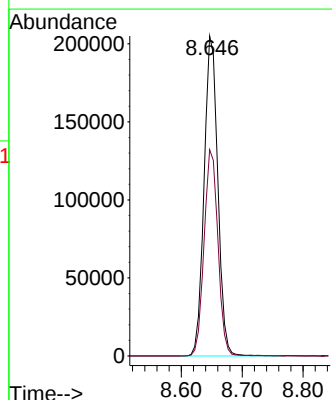
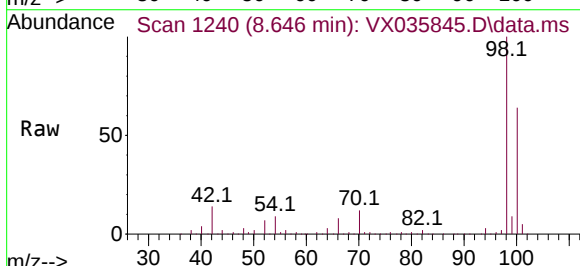
Acq: 24 May 2023 18:44

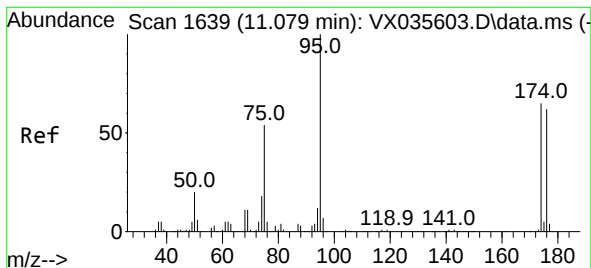
Tgt Ion: 98 Resp: 320875

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

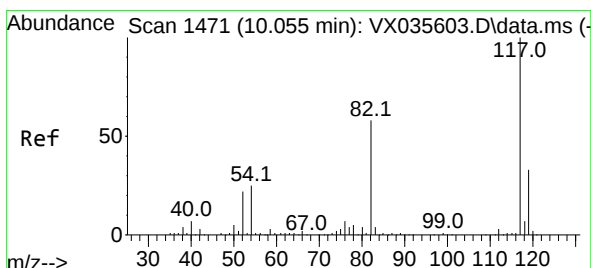
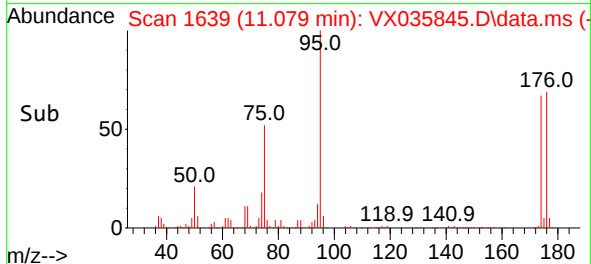
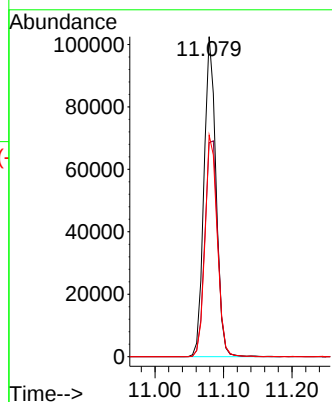
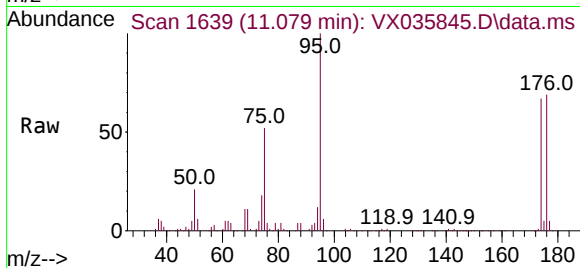




#62
4-Bromofluorobenzene
Concen: 43.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

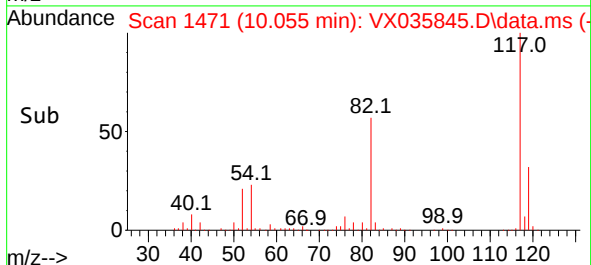
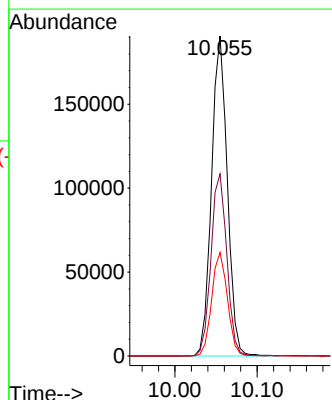
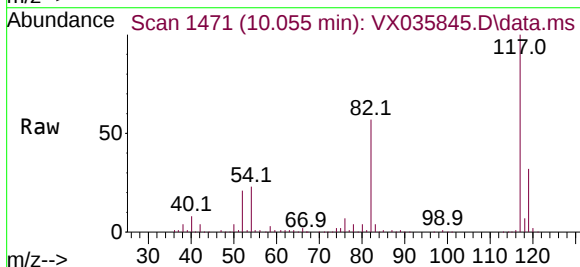
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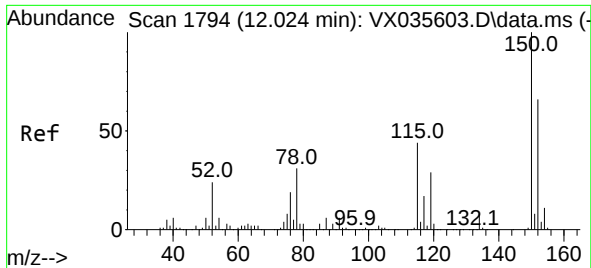
Tgt Ion: 95 Resp: 125428
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 70.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035845.D
Acq: 24 May 2023 18:44

Tgt Ion: 117 Resp: 253863
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035845.D

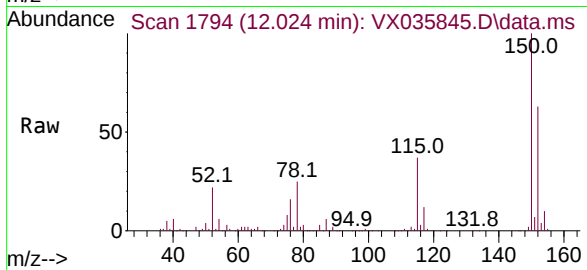
Acq: 24 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01S-20230522



Tgt Ion:152 Resp: 120842

Ion Ratio Lower Upper

152 100

115 61.8 45.0 135.0

150 156.7 0.0 352.4

