

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029895.D
 Acq On : 30 Jun 2022 05:37
 Operator : JC/MD
 Sample : N3481-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: Jun 30 06:29:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

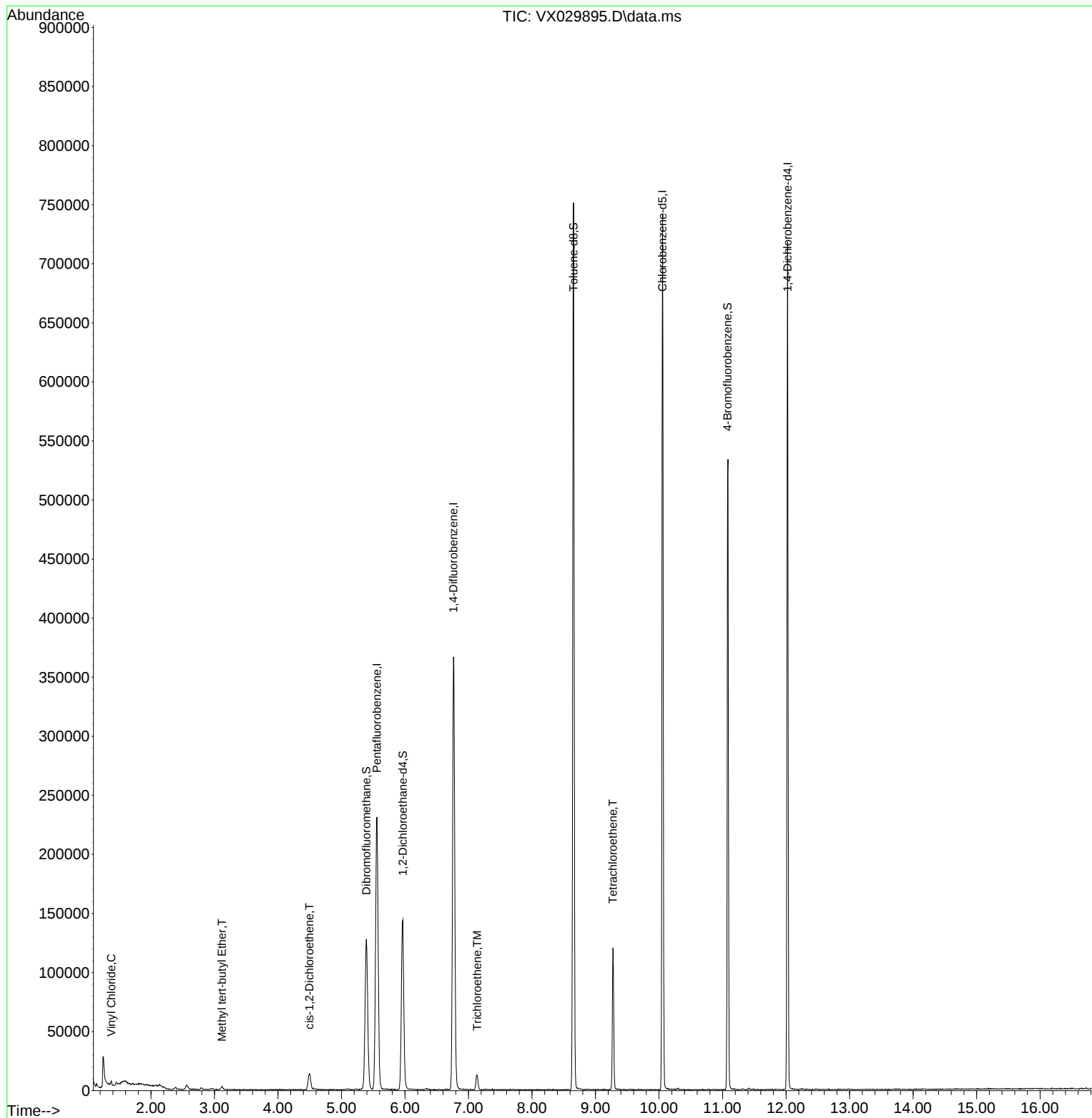
Internal Standards						
1) Pentafluorobenzene	5.556	168	227780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125719	43.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.200%
35) Dibromofluoromethane	5.391	113	113790	45.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.653	98	452929	48.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.079	95	151994	46.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.380%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	2097	0.824	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	2621	0.331	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	9705	3.195	ug/l	88
44) Trichloroethene	7.135	130	5173	1.800	ug/l	81
64) Tetrachloroethene	9.275	164	21474	10.380	ug/l	94

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

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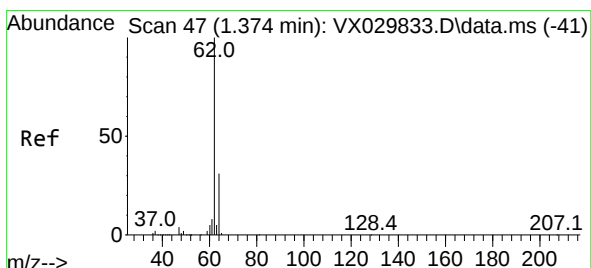
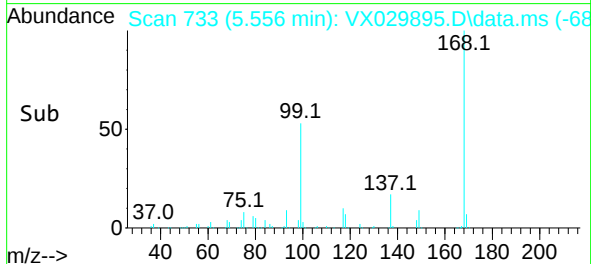
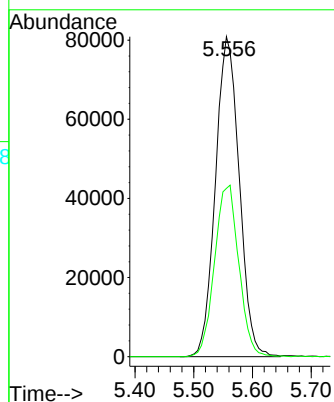
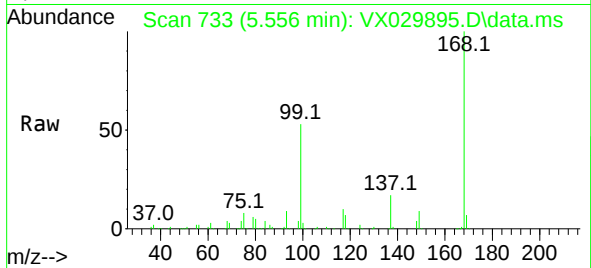




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

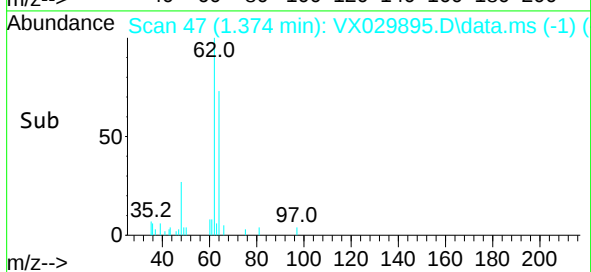
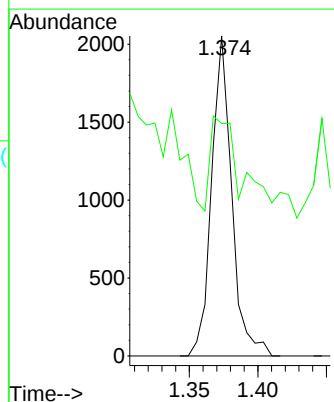
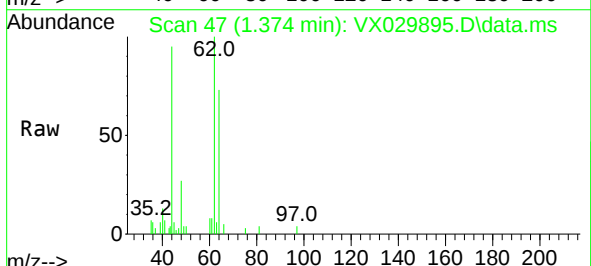
Instrument :
MSVOA_X
ClientSampleId :
MW-28

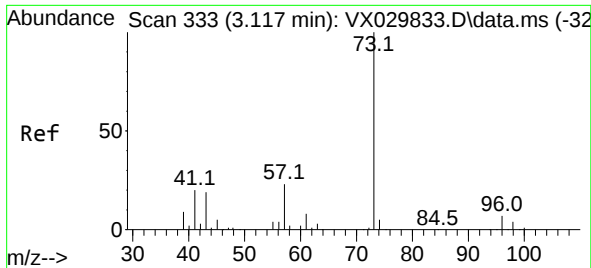
Tgt Ion:168 Resp: 227780
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#4
Vinyl Chloride
Concen: 0.824 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 62 Resp: 2097
Ion Ratio Lower Upper
62 100
64 21.5 25.2 37.8#

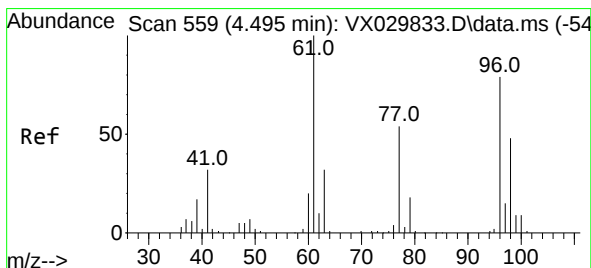
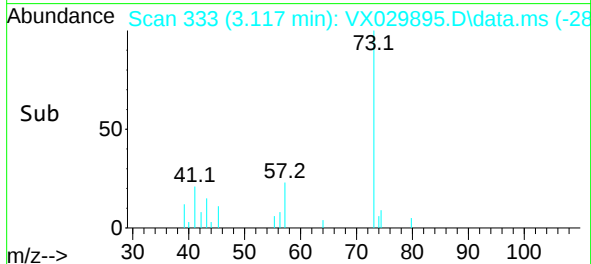
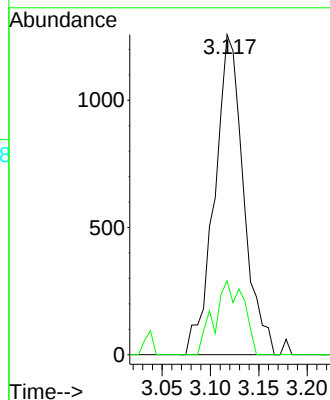
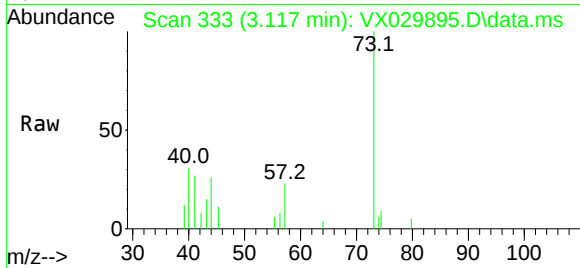




#19
Methyl tert-butyl Ether
Concen: 0.331 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

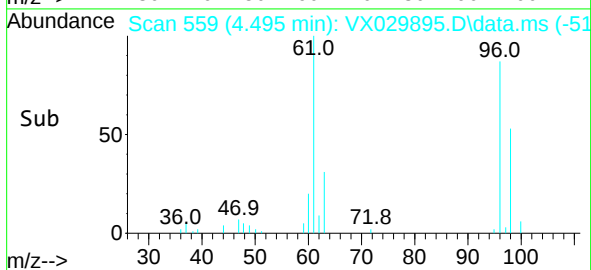
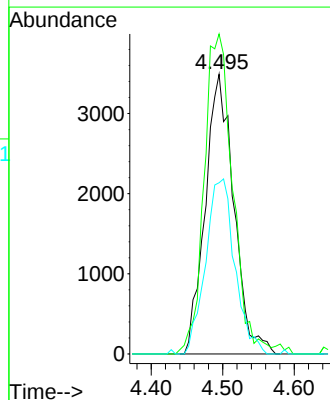
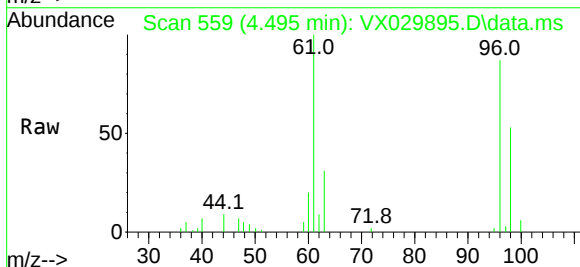
Instrument :
MSVOA_X
ClientSampleId :
MW-28

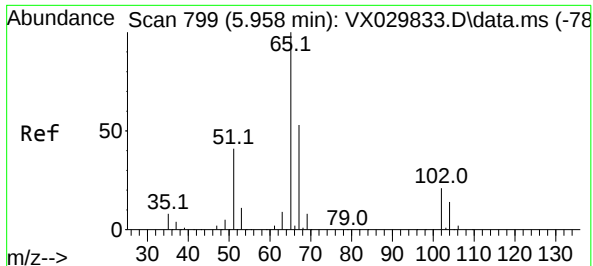
Tgt Ion: 73 Resp: 2621
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.6



#27
cis-1,2-Dichloroethene
Concen: 3.195 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 96 Resp: 9705
Ion Ratio Lower Upper
96 100
61 114.1 0.0 270.0
98 63.8 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 43.602 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029895.D

Acq: 30 Jun 2022 05:37

Instrument :

MSVOA_X

ClientSampleId :

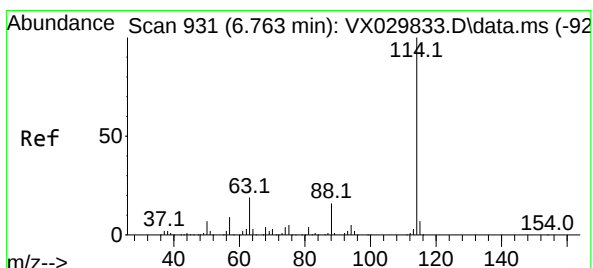
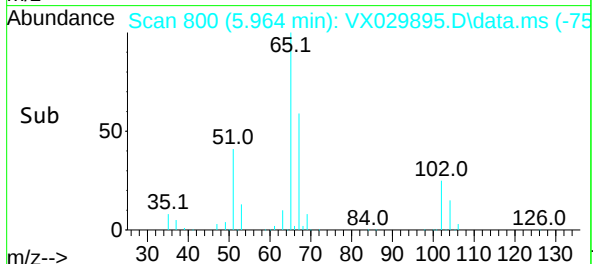
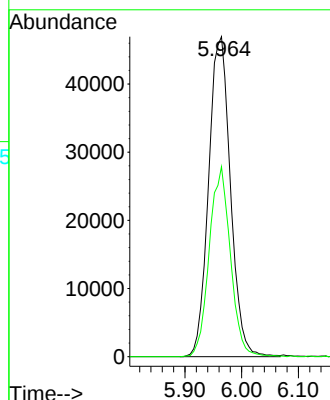
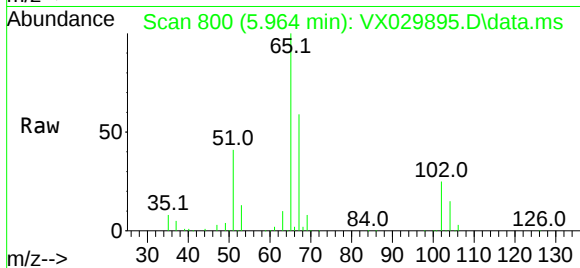
MW-28

Tgt Ion: 65 Resp: 125719

Ion Ratio Lower Upper

65 100

67 57.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029895.D

Acq: 30 Jun 2022 05:37

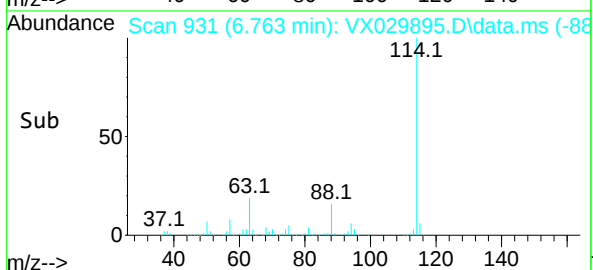
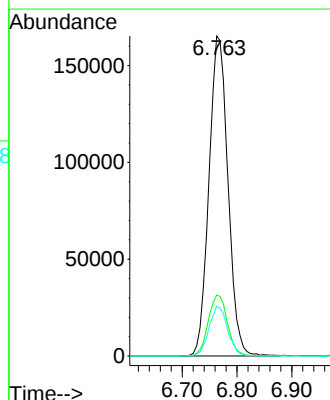
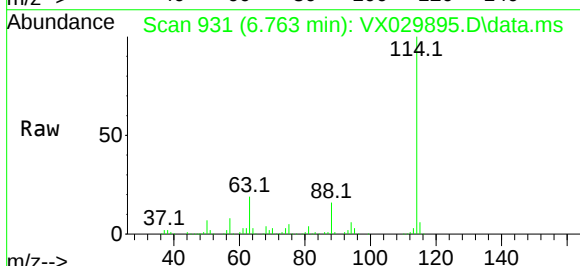
Tgt Ion: 114 Resp: 397079

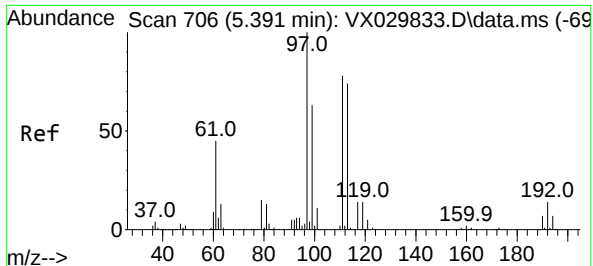
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.5 0.0 31.8

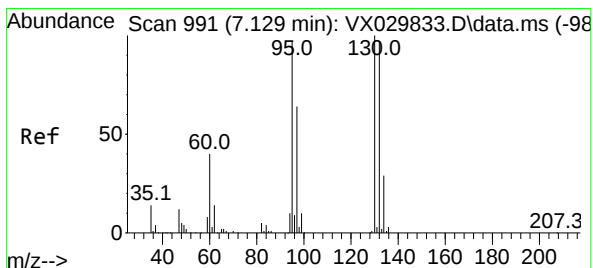
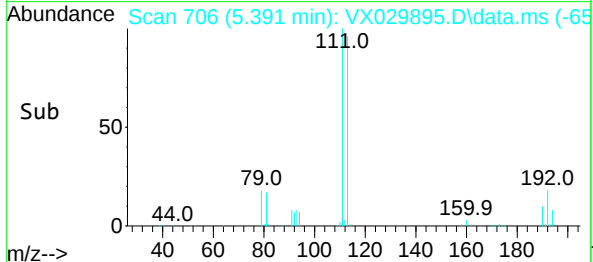
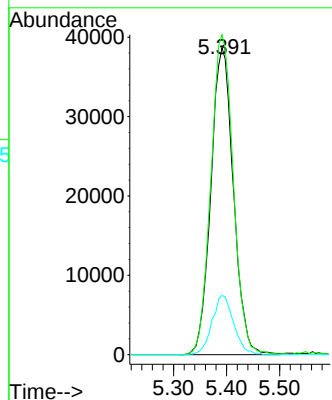
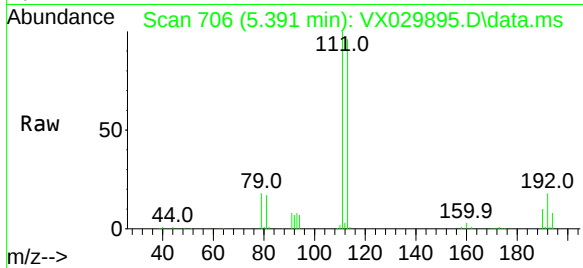




#35
Dibromofluoromethane
Concen: 45.855 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

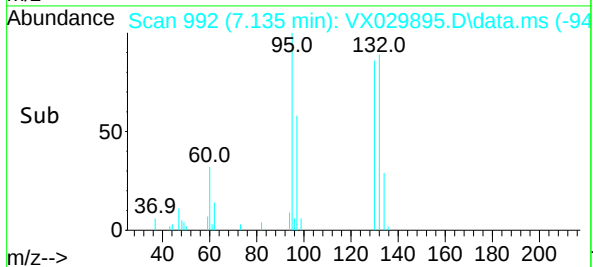
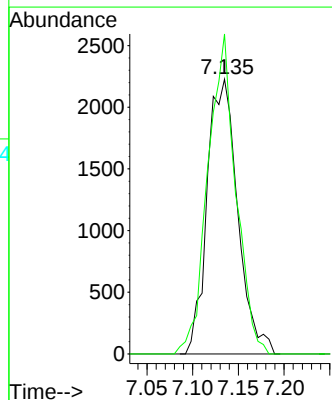
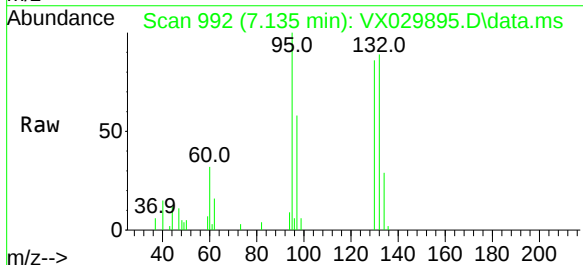
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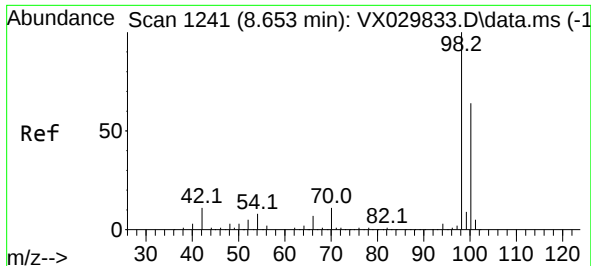
Tgt Ion:113 Resp: 113790
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 18.6 14.8 22.2



#44
Trichloroethene
Concen: 1.800 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion:130 Resp: 5173
Ion Ratio Lower Upper
130 100
95 116.5 0.0 194.8

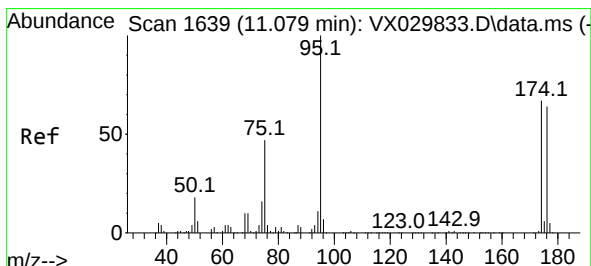
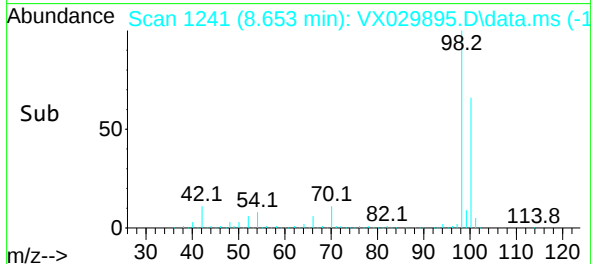
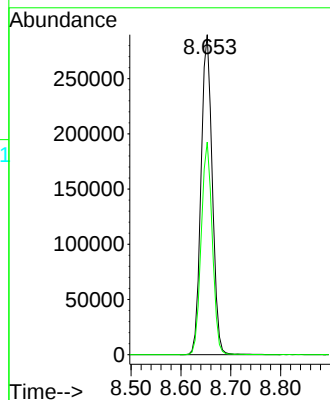
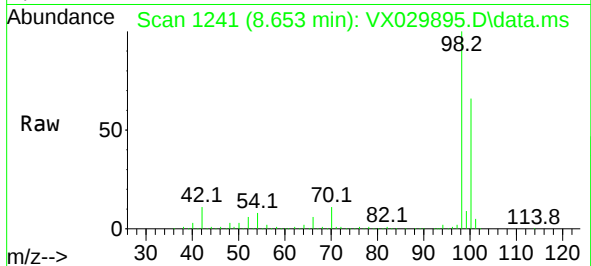




#50
Toluene-d8
Concen: 48.653 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

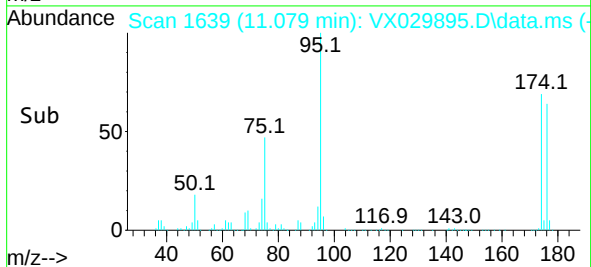
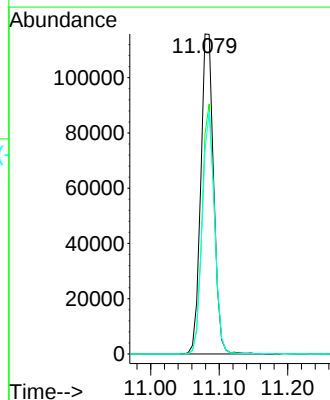
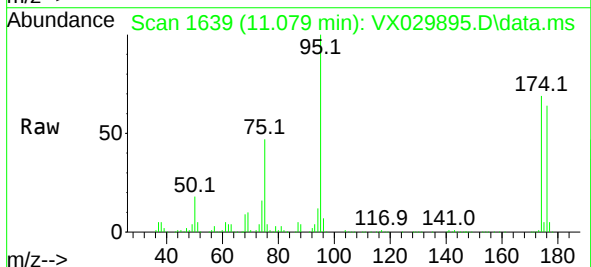
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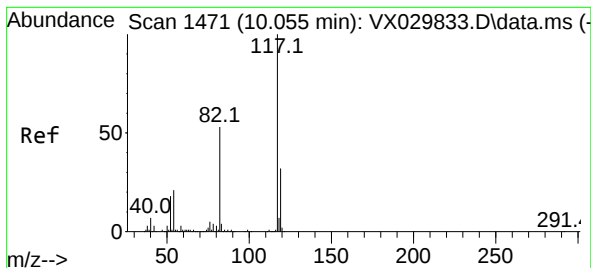
Tgt Ion: 98 Resp: 452929
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX029895.D
Acq: 30 Jun 2022 05:37

Tgt Ion: 95 Resp: 151994
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.0
176 72.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029895.D

Acq: 30 Jun 2022 05:37

Instrument :

MSVOA_X

ClientSampleId :

MW-28

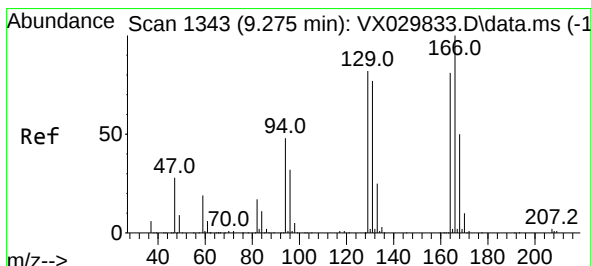
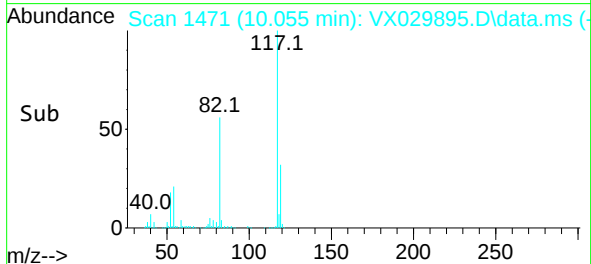
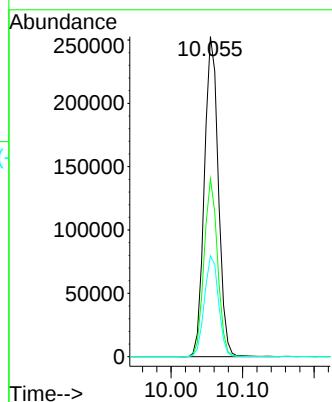
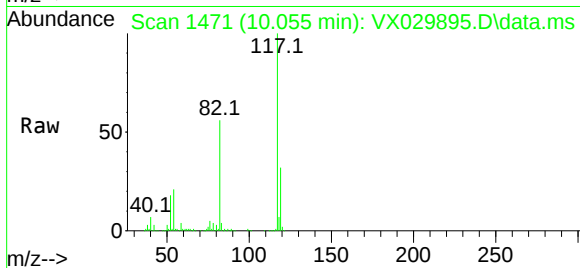
Tgt Ion:117 Resp: 342983

Ion Ratio Lower Upper

117 100

82 55.6 42.7 64.1

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 10.380 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX029895.D

Acq: 30 Jun 2022 05:37

Tgt Ion:164 Resp: 21474

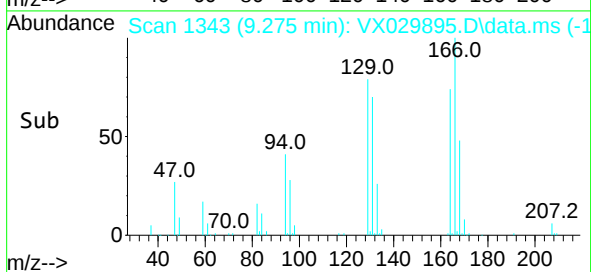
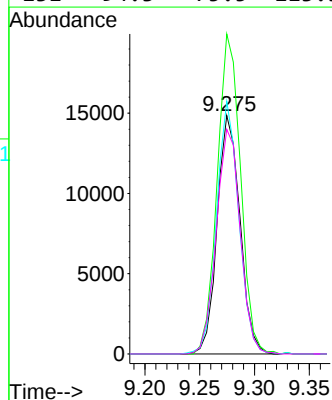
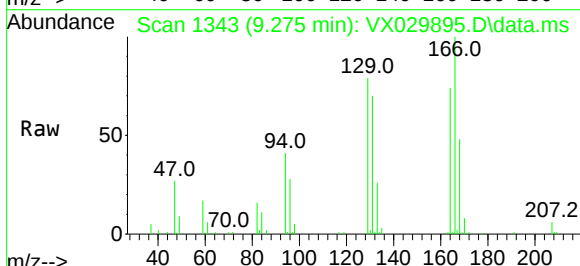
Ion Ratio Lower Upper

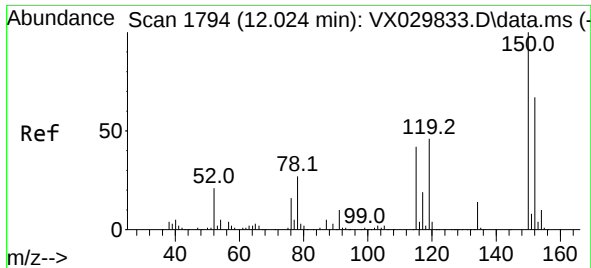
164 100

166 134.3 98.2 147.4

129 106.0 80.8 121.2

131 94.3 75.5 113.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029895.D

Acq: 30 Jun 2022 05:37

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 144771

Ion Ratio Lower Upper

152 100

115 60.4 40.5 121.5

150 157.7 0.0 347.0

