

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029804.D
 Acq On : 25 Jun 2022 07:00
 Operator : JC/MD
 Sample : N3386-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220616

Quant Time: Jun 25 09:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

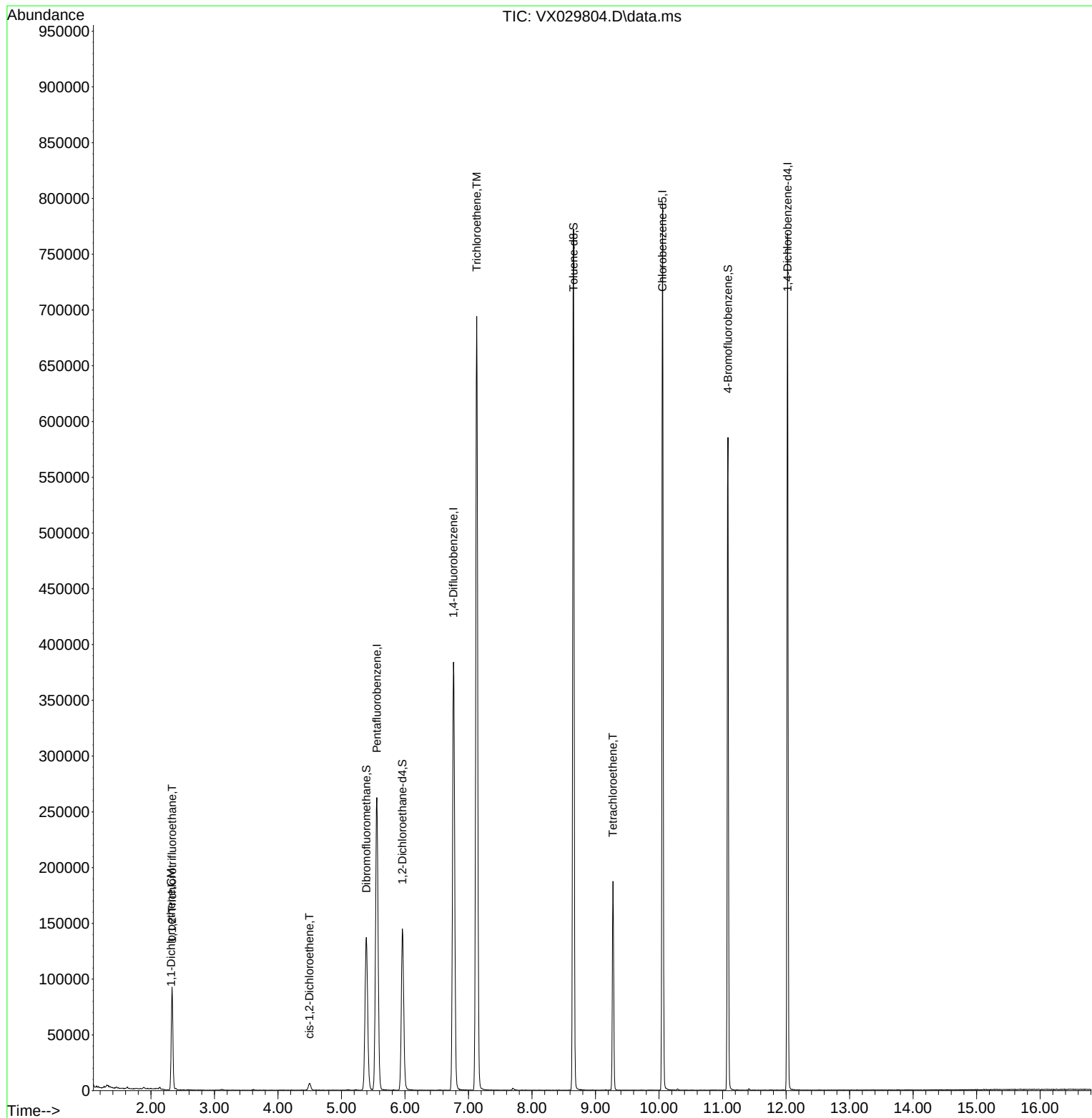
Internal Standards						
1) Pentafluorobenzene	5.556	168	254122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136683	40.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.260%
35) Dibromofluoromethane	5.391	113	124097	45.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.000%
50) Toluene-d8	8.653	98	471509	46.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.600%
62) 4-Bromofluorobenzene	11.085	95	170851	44.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.940%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	36322	13.621	ug/l	99
12) 1,1-Dichloroethene	2.318	96	838	0.326	ug/l #	91
27) cis-1,2-Dichloroethene	4.495	96	4603	1.400	ug/l	78
44) Trichloroethene	7.129	130	282968	91.190	ug/l	97
64) Tetrachloroethene	9.275	164	35689	13.363	ug/l	94

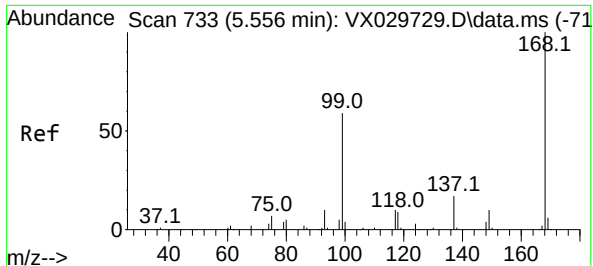
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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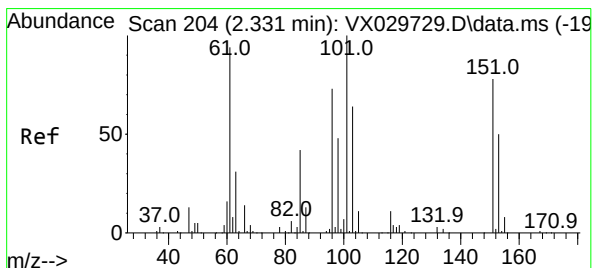
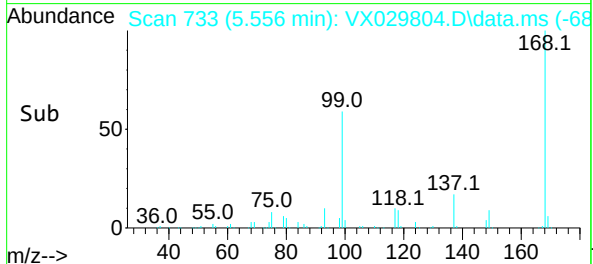
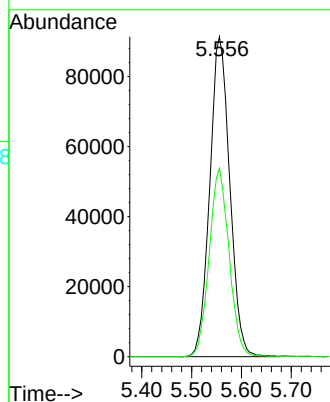
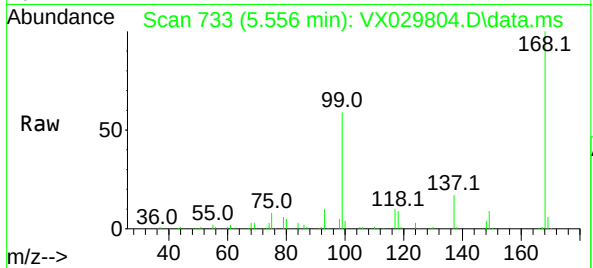




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

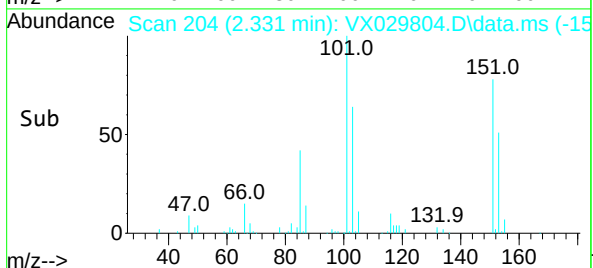
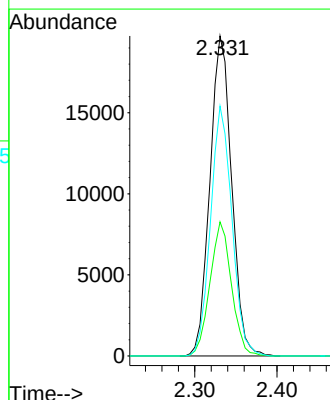
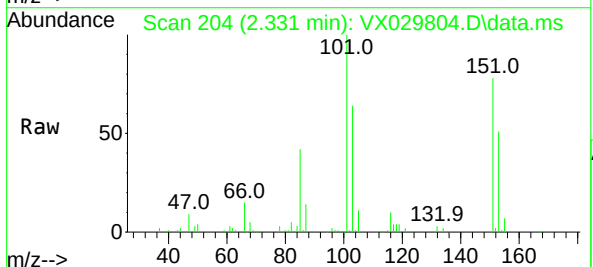
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

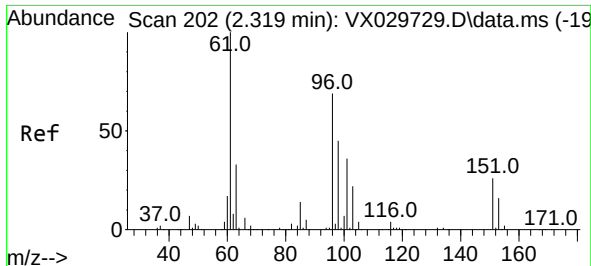
Tgt Ion:168 Resp: 254122
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.621 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion:101 Resp: 36322
Ion Ratio Lower Upper
101 100
85 41.3 33.5 50.3
151 76.8 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.326 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX029804.D

Acq: 25 Jun 2022 07:00

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220616

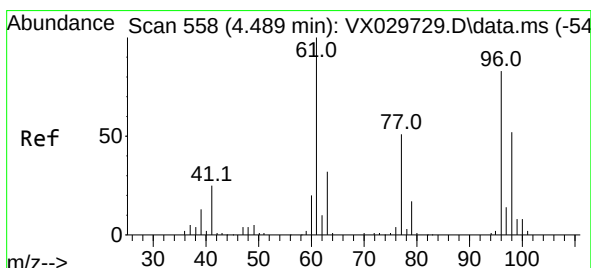
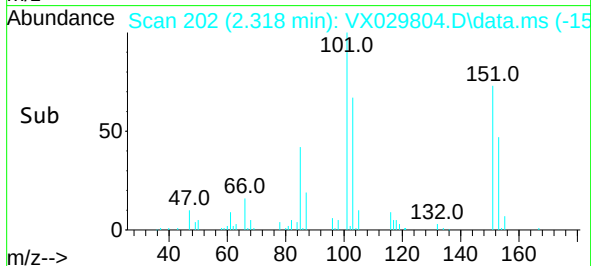
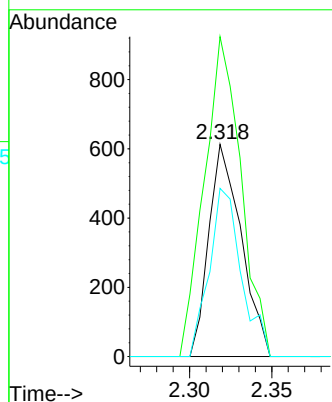
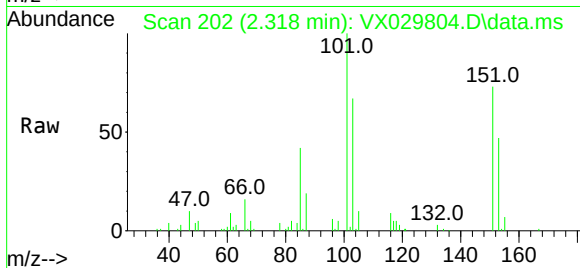
Tgt Ion: 96 Resp: 838

Ion Ratio Lower Upper

96 100

61 150.7 124.6 187.0

98 79.3 51.0 76.4#



#27

cis-1,2-Dichloroethene

Concen: 1.400 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX029804.D

Acq: 25 Jun 2022 07:00

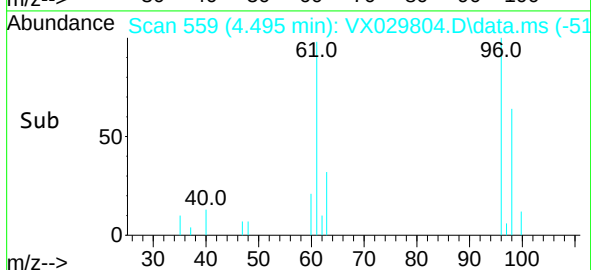
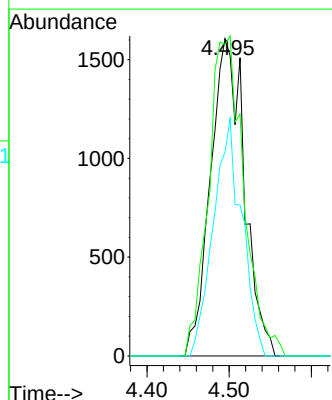
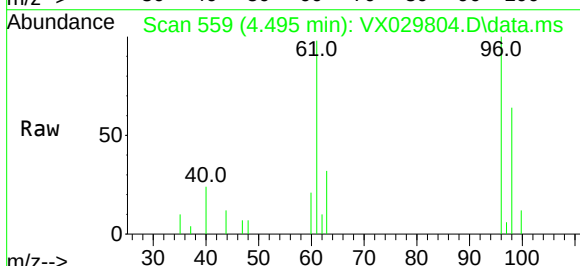
Tgt Ion: 96 Resp: 4603

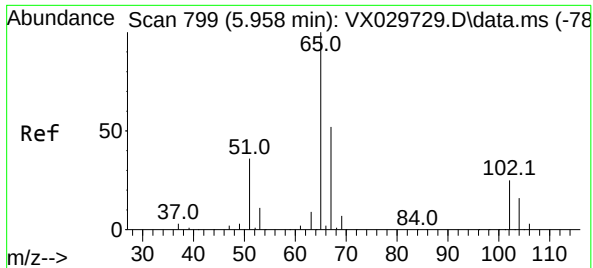
Ion Ratio Lower Upper

96 100

61 104.5 0.0 283.8

98 62.7 0.0 129.8

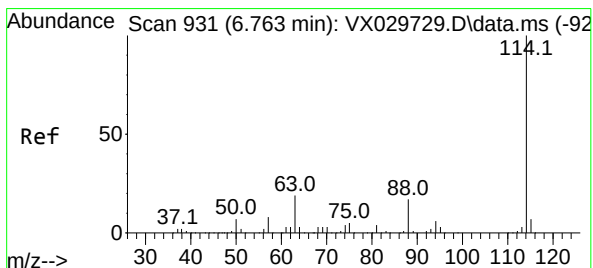
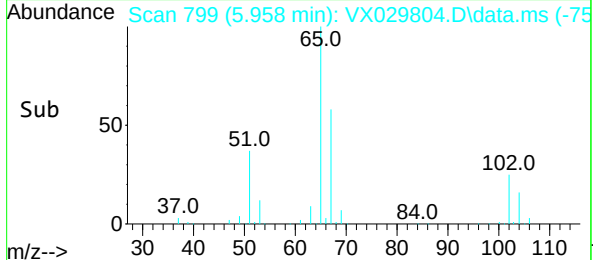
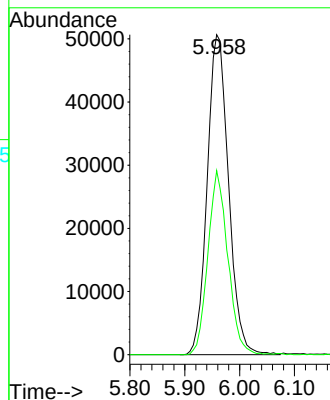
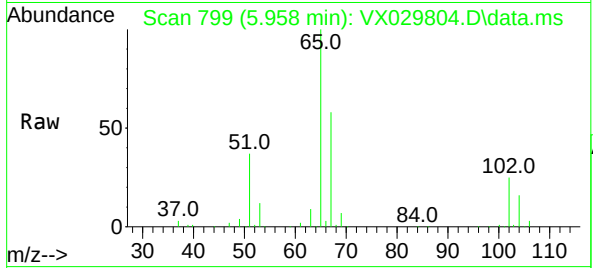




#33
 1,2-Dichloroethane-d4
 Concen: 40.633 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029804.D
 Acq: 25 Jun 2022 07:00

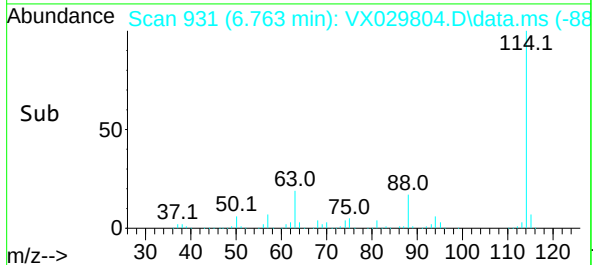
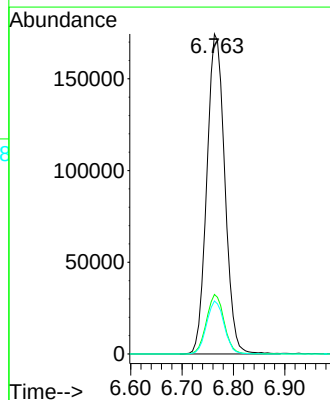
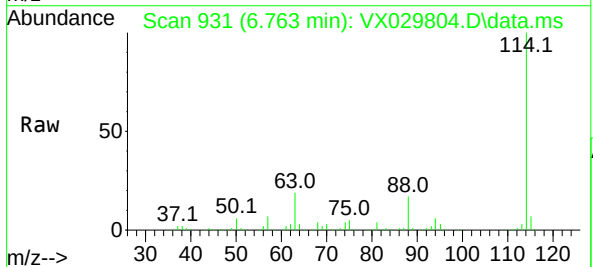
Instrument :
 MSVOA_X
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 RE134D2-20220616

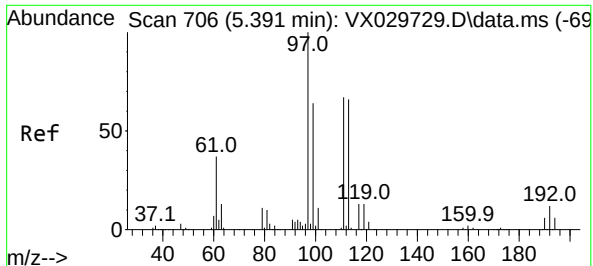
Tgt Ion: 65 Resp: 136683
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029804.D
 Acq: 25 Jun 2022 07:00

Tgt Ion: 114 Resp: 423158
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.001 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029804.D

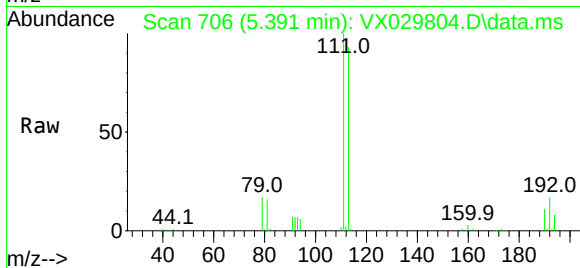
Acq: 25 Jun 2022 07:00

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220616



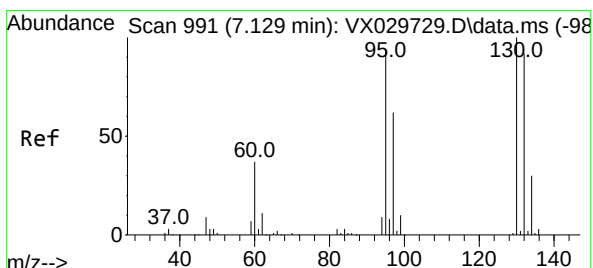
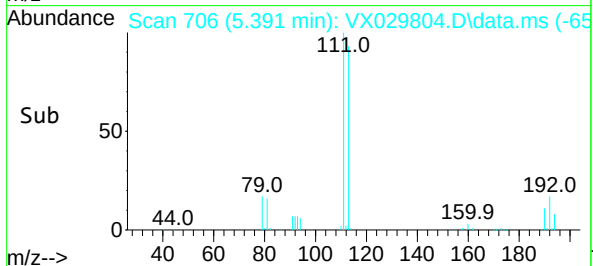
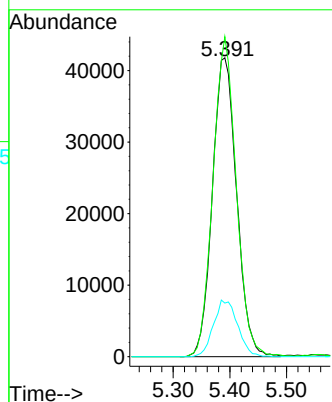
Tgt Ion:113 Resp: 124097

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.8 16.9 25.3



#44

Trichloroethene

Concen: 91.190 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029804.D

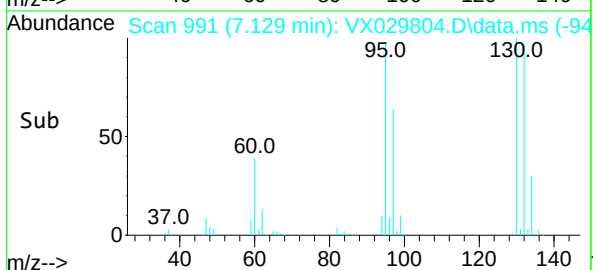
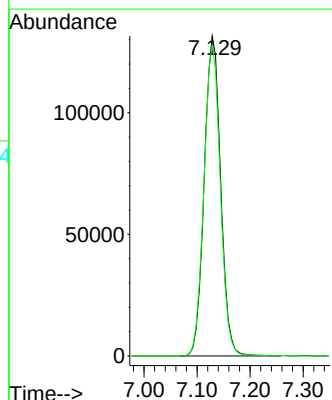
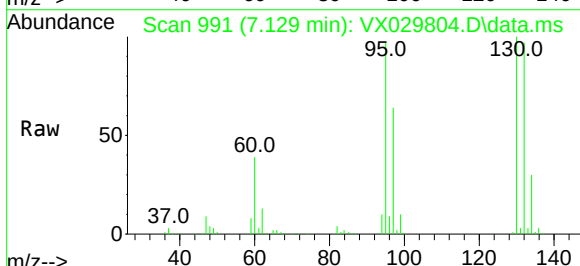
Acq: 25 Jun 2022 07:00

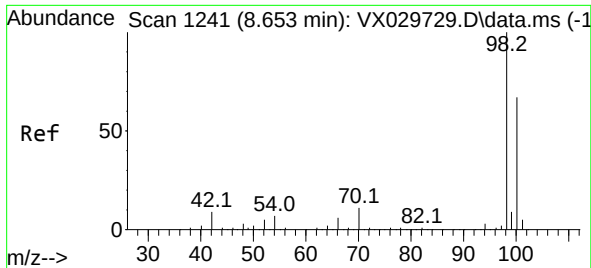
Tgt Ion:130 Resp: 282968

Ion Ratio Lower Upper

130 100

95 97.1 0.0 188.8

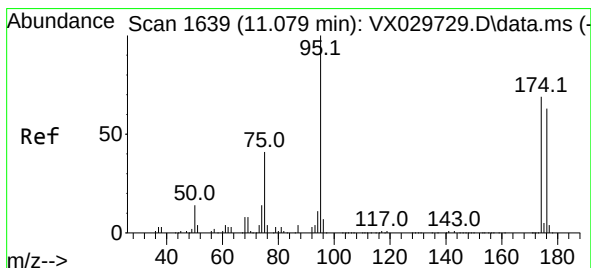
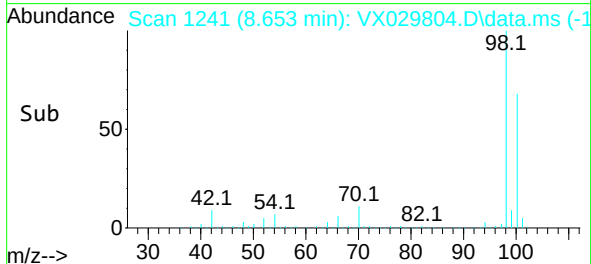
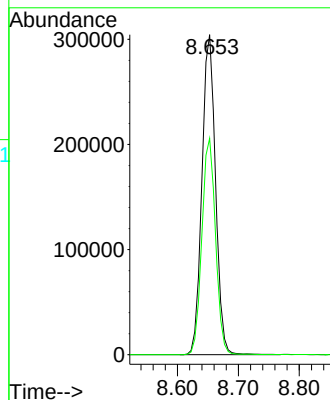
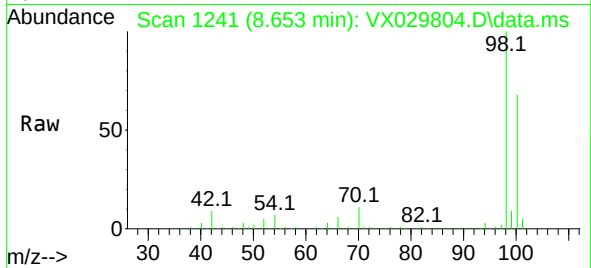




#50
Toluene-d8
Concen: 46.803 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

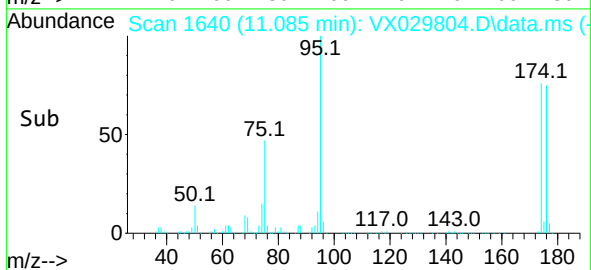
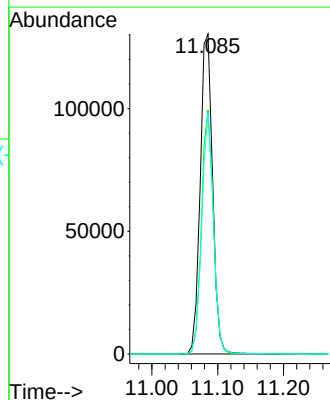
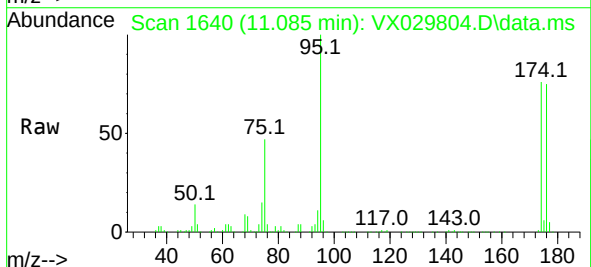
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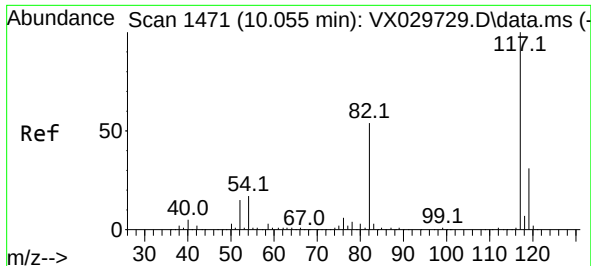
Tgt Ion: 98 Resp: 471509
Ion Ratio Lower Upper
98 100
100 67.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.971 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 95 Resp: 170851
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 71.1 0.0 155.0

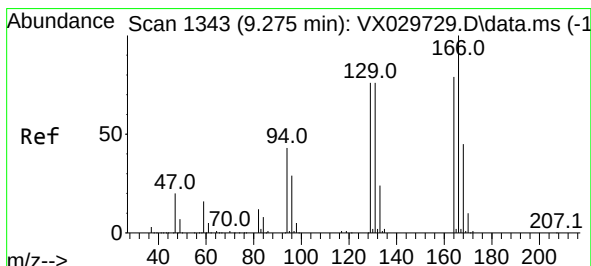
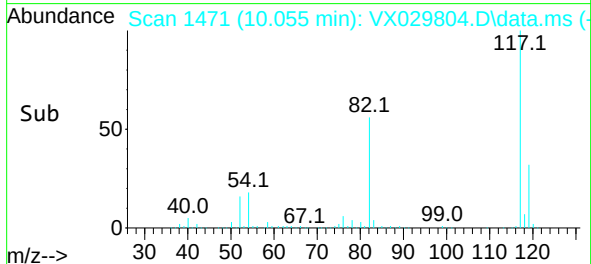
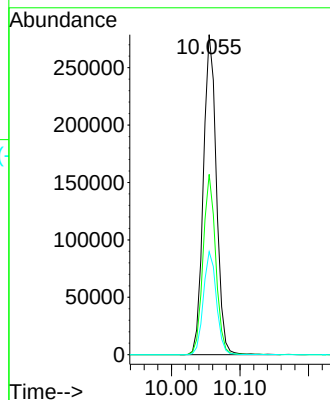
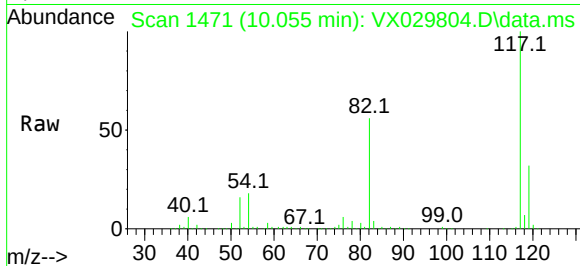




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

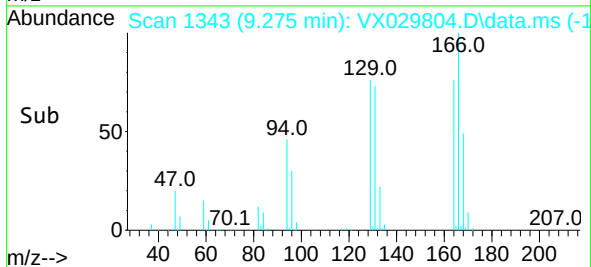
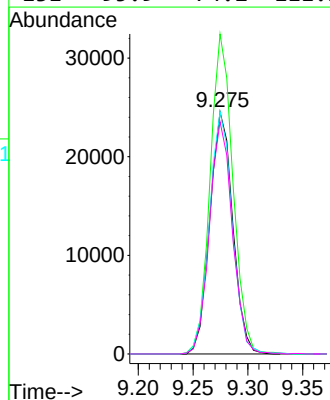
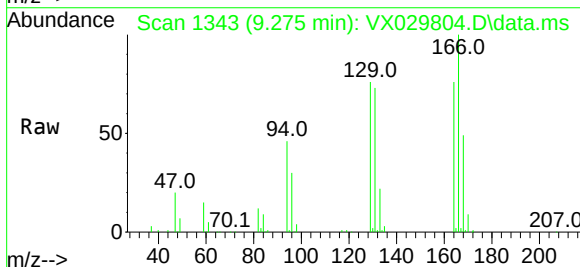
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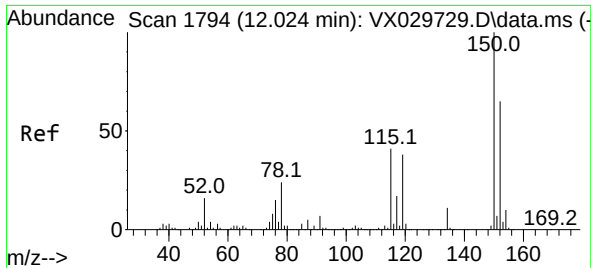
Tgt Ion:117 Resp: 369315
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 13.363 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

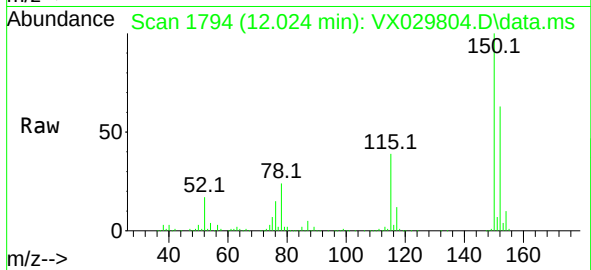
Tgt Ion:164 Resp: 35689
Ion Ratio Lower Upper
164 100
166 132.2 101.2 151.8
129 100.0 73.0 109.4
131 95.9 74.2 111.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029804.D
 Acq: 25 Jun 2022 07:00

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 159744
 Ion Ratio Lower Upper
 152 100
 115 63.3 37.5 112.7
 150 158.5 0.0 338.2

