

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026689.D
 Acq On : 31 Jan 2022 18:36
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 01 06:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

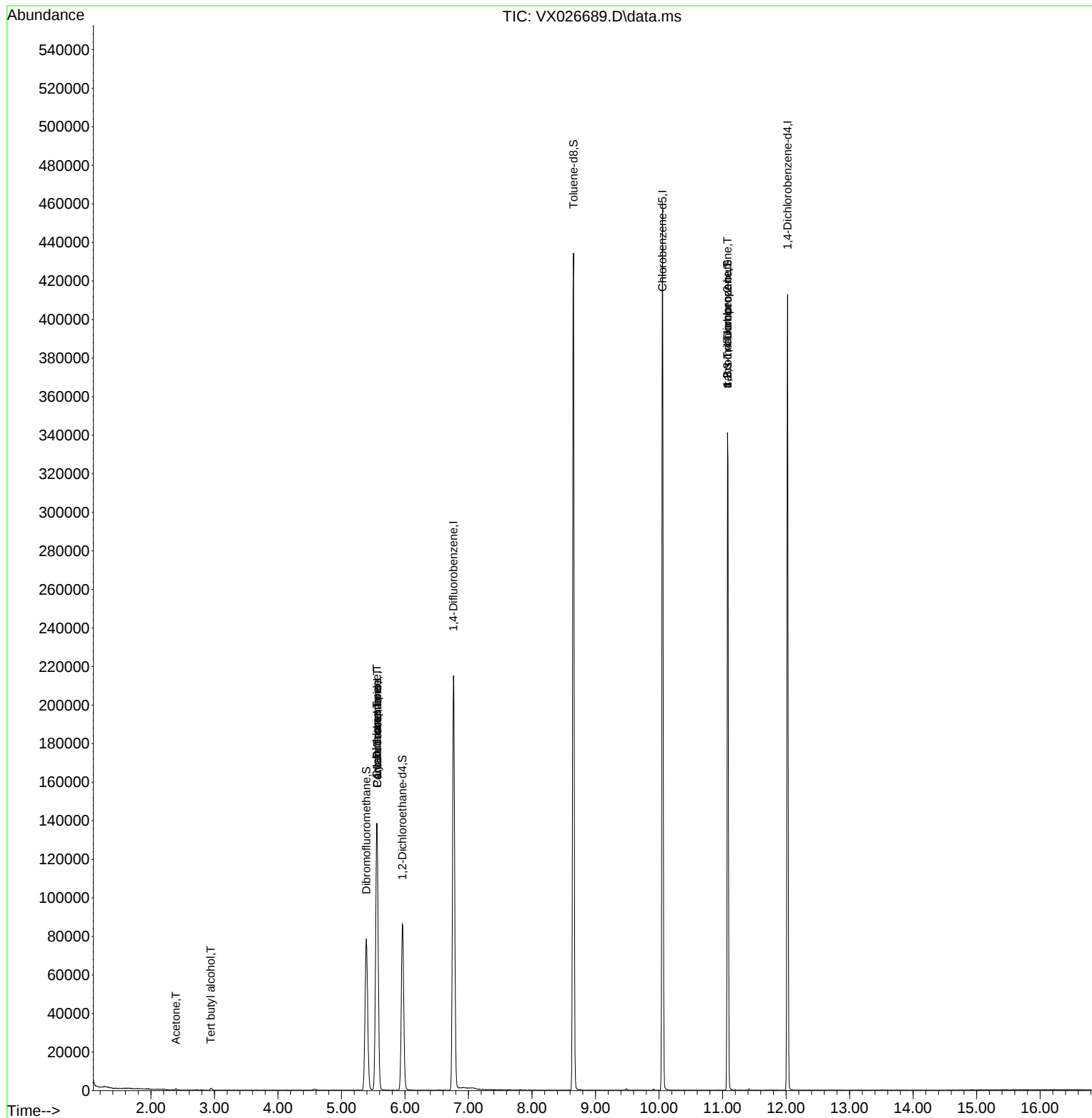
Internal Standards						
1) Pentafluorobenzene	5.562	168	131823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84578	45.930	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.860%		
35) Dibromofluoromethane	5.391	113	68437	47.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.653	98	261817	50.774	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	11.079	95	94488	51.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.160%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	659	2.573	ug/l #	75
16) Acetone	2.392	43	919	0.979	ug/l	99
31) Cyclohexane	5.556	56	2628	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10469	4.634	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13841	5.957	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	46584	24.907	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46584	75.726	ug/l #	3

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

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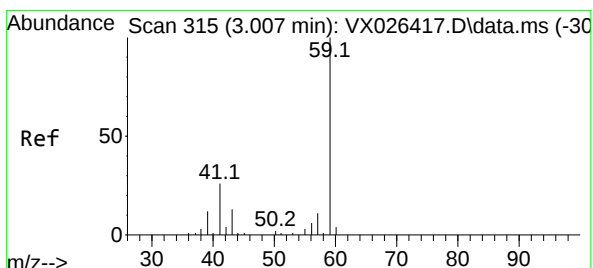
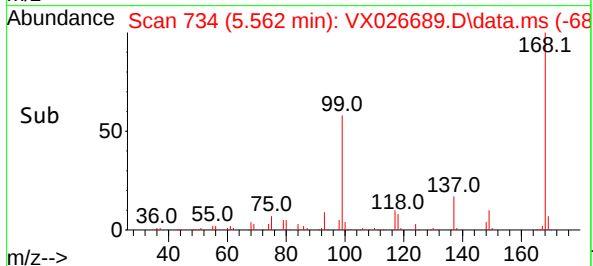
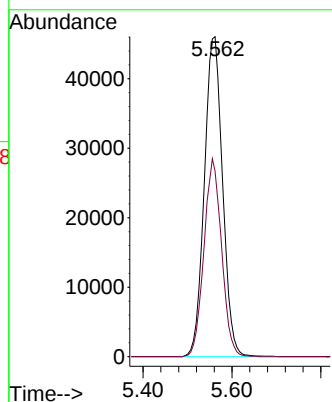
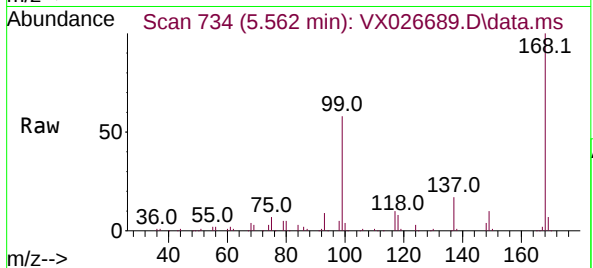




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

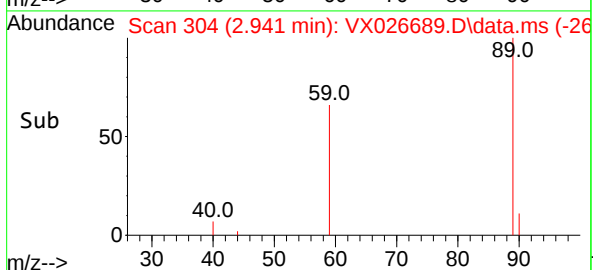
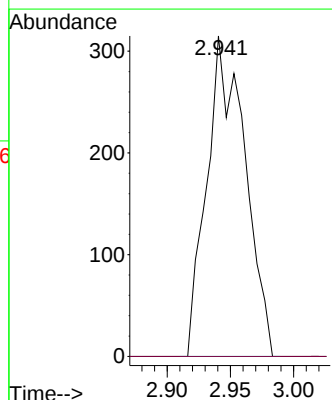
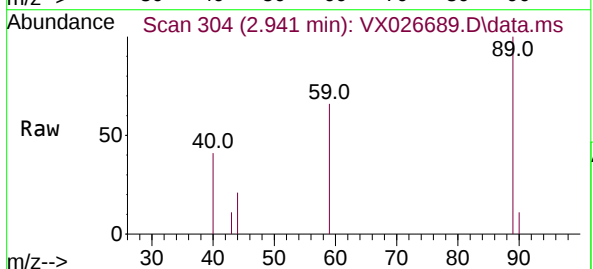
Instrument :
MSVOA_X
ClientSampleId :
IBLK

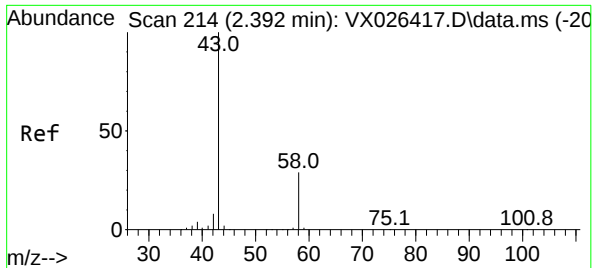
Tgt Ion:168 Resp: 131823
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5



#11
Tert butyl alcohol
Concen: 2.573 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

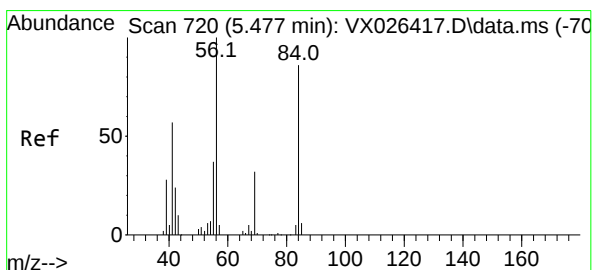
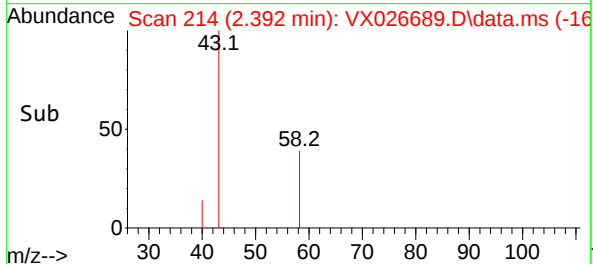
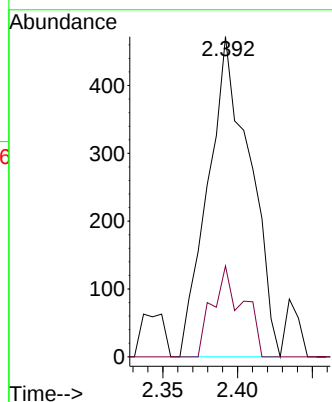
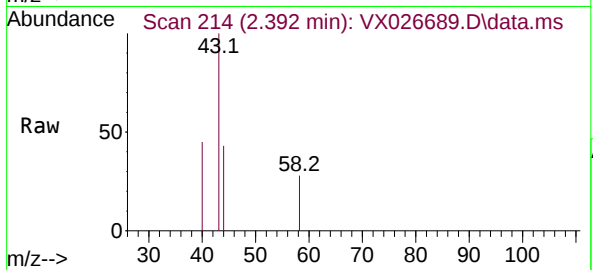




#16
Acetone
Concen: 0.979 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

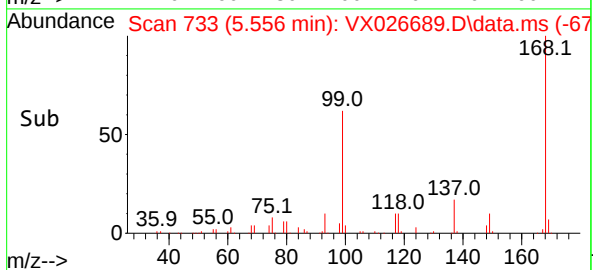
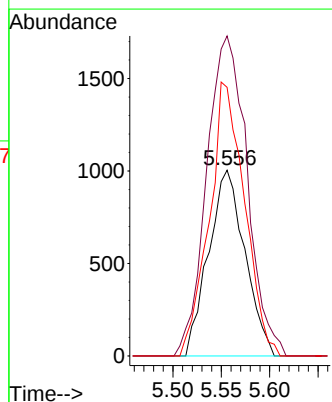
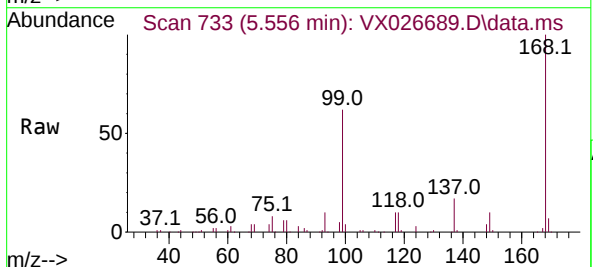
Instrument :
MSVOA_X
ClientSampleId :
IBLK

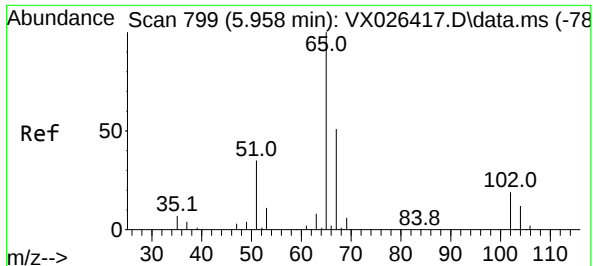
Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
58 28.4 23.0 34.6



#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

Tgt Ion: 56 Resp: 2628
Ion Ratio Lower Upper
56 100
69 166.9 25.8 38.6#
84 144.6 68.9 103.3#

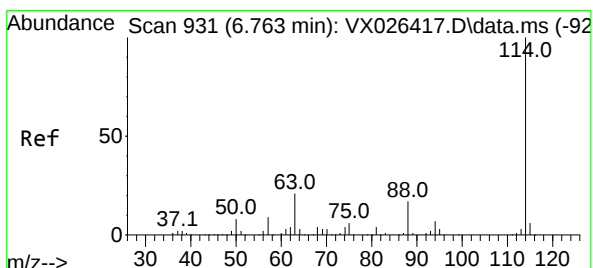
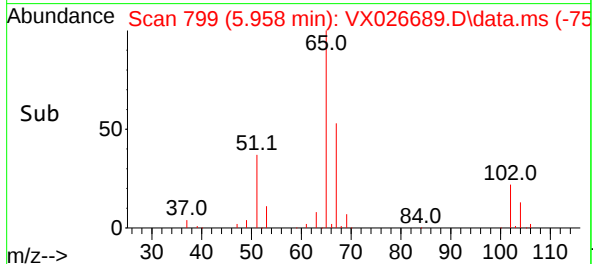
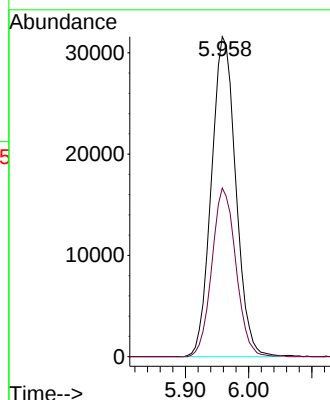
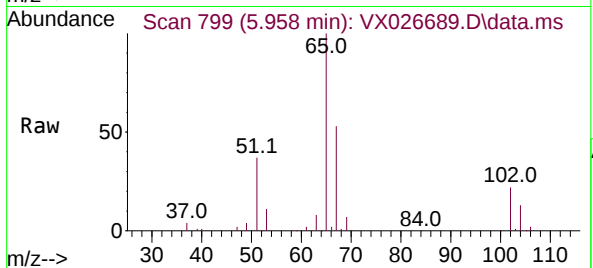




#33
 1,2-Dichloroethane-d4
 Concen: 45.930 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026689.D
 Acq: 31 Jan 2022 18:36

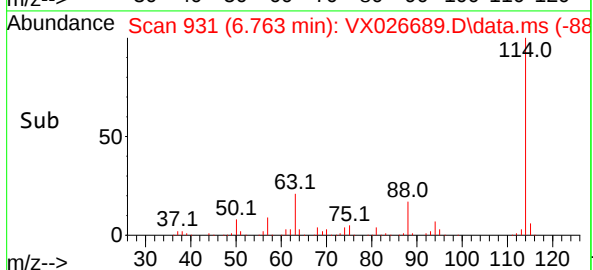
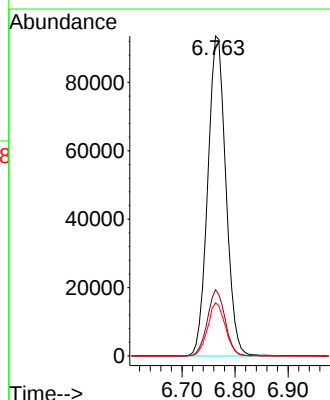
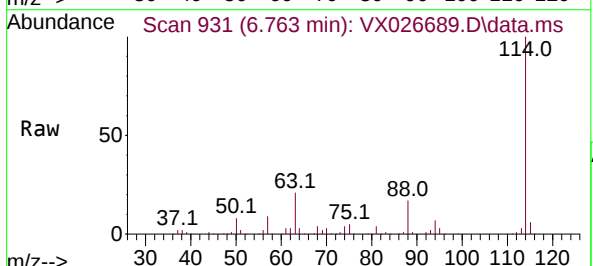
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

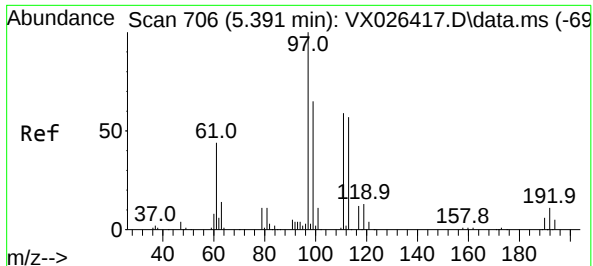
Tgt Ion: 65 Resp: 84578
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026689.D
 Acq: 31 Jan 2022 18:36

Tgt Ion: 114 Resp: 221586
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.827 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026689.D

Acq: 31 Jan 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK

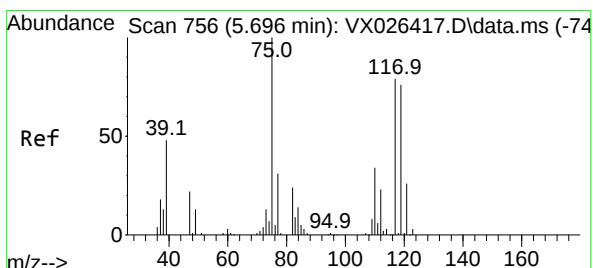
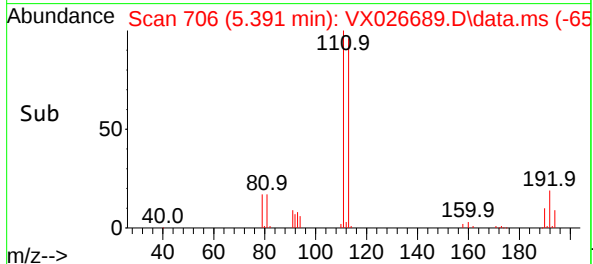
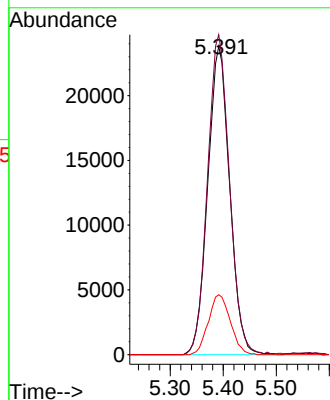
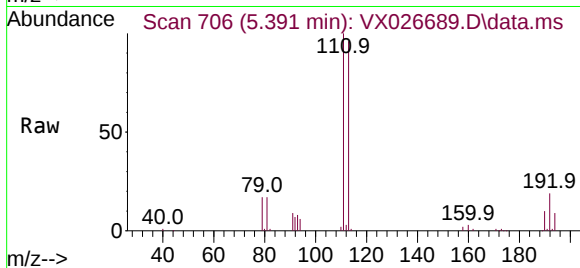
Tgt Ion:113 Resp: 68437

Ion Ratio Lower Upper

113 100

111 103.6 81.2 121.8

192 19.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.634 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026689.D

Acq: 31 Jan 2022 18:36

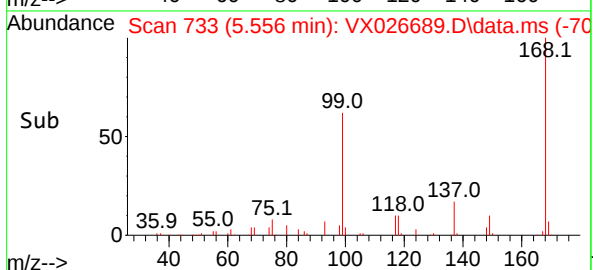
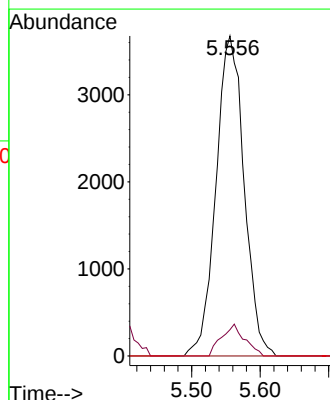
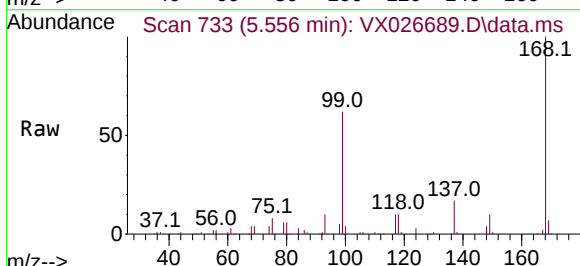
Tgt Ion: 75 Resp: 10469

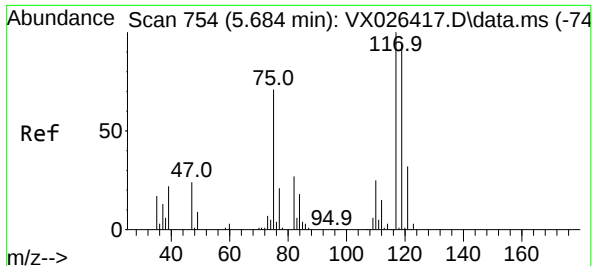
Ion Ratio Lower Upper

75 100

110 8.2 17.2 51.6#

77 0.0 24.6 36.8#

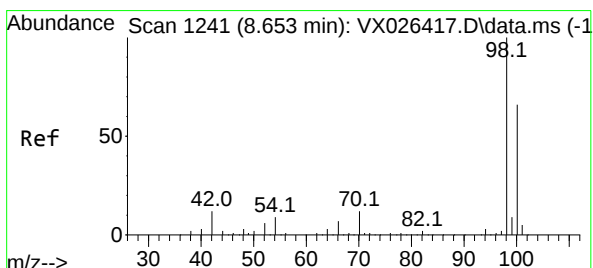
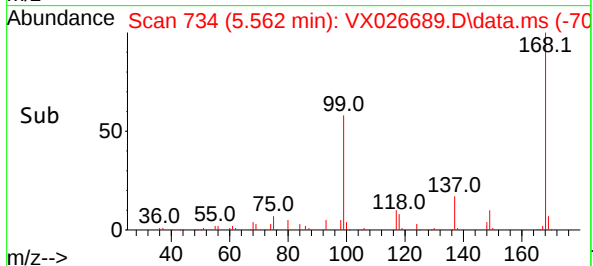
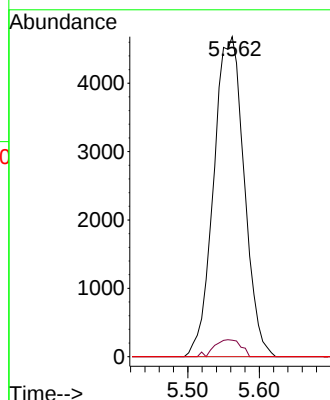
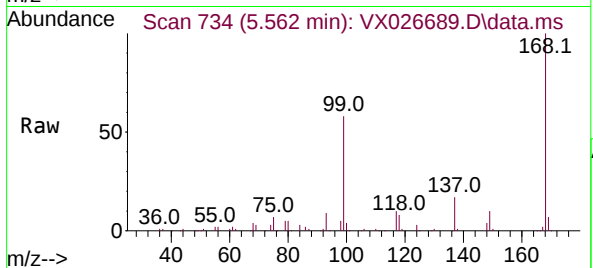




#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

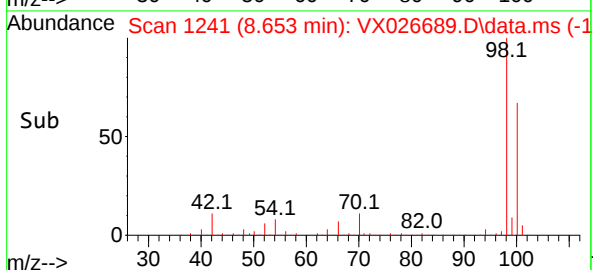
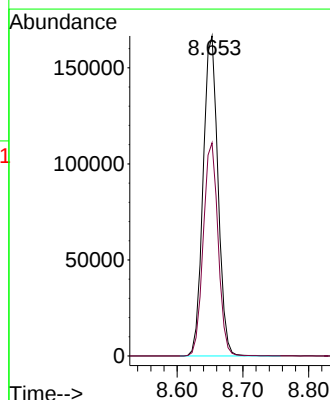
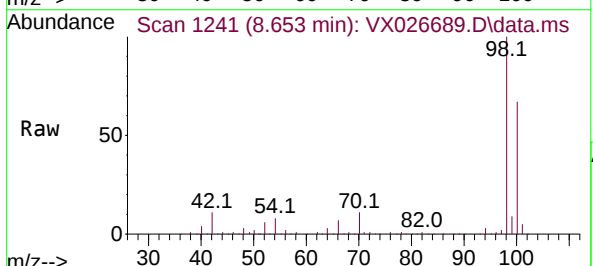
Instrument :
MSVOA_X
ClientSampleId :
IBLK

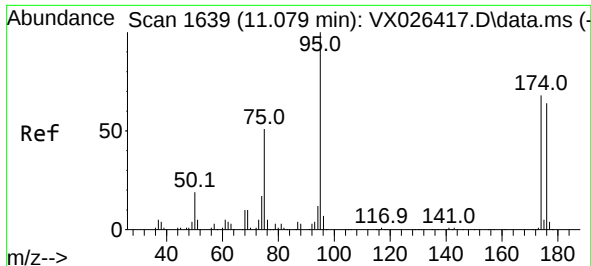
Tgt Ion:117 Resp: 13841
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.774 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

Tgt Ion: 98 Resp: 261817
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

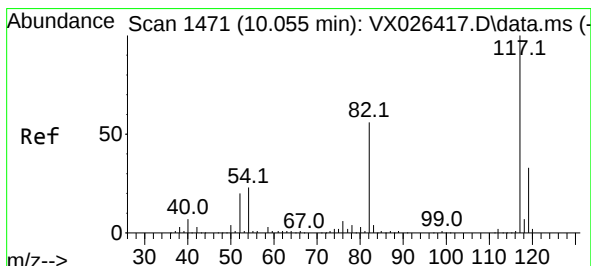
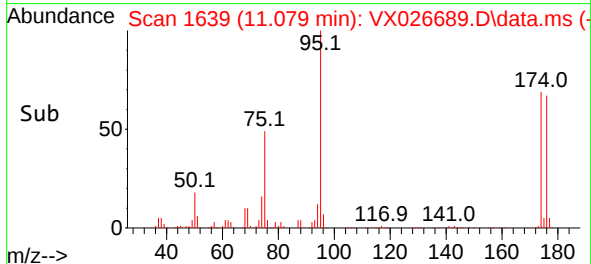
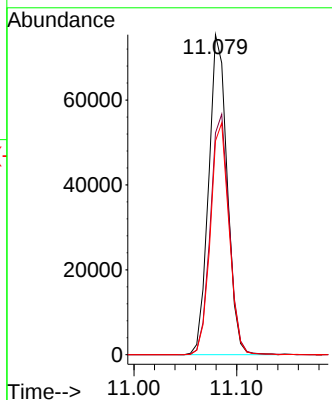
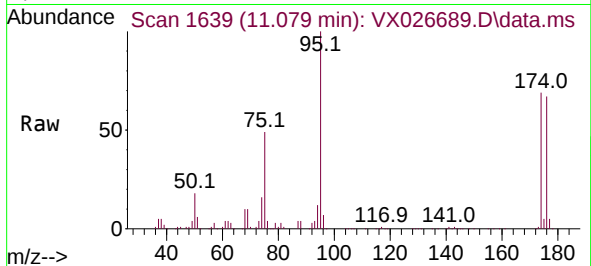




#62
4-Bromofluorobenzene
Concen: 51.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

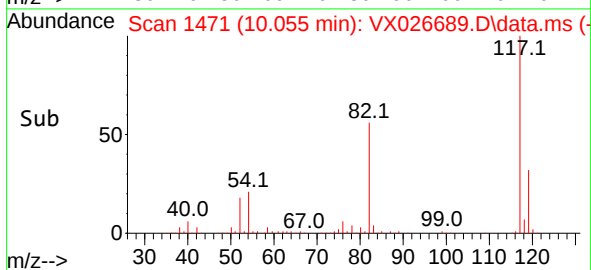
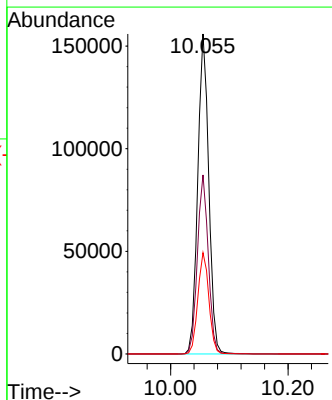
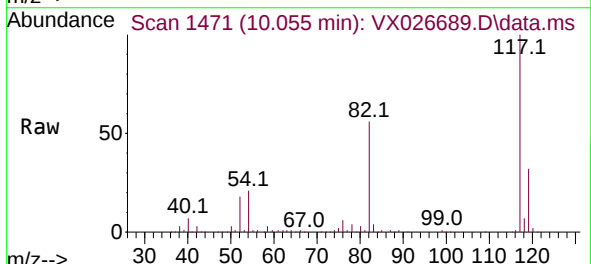
Instrument :
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IBLK

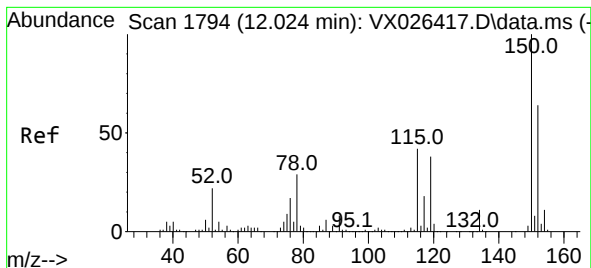
Tgt Ion: 95 Resp: 94488
Ion Ratio Lower Upper
95 100
174 76.5 0.0 148.6
176 72.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026689.D
Acq: 31 Jan 2022 18:36

Tgt Ion: 117 Resp: 202567
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026689.D

Acq: 31 Jan 2022 18:36

Instrument :

MSVOA_X

ClientSampleId :

IBLK

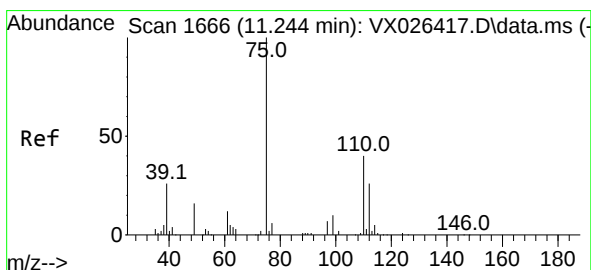
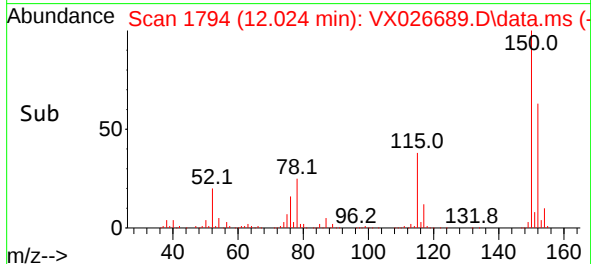
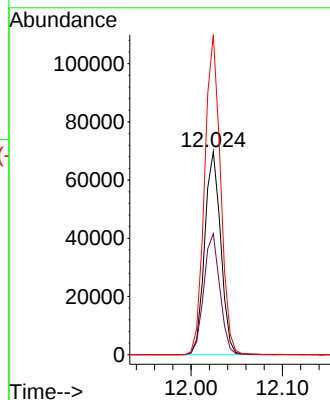
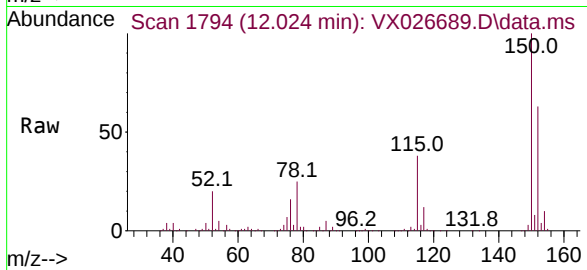
Tgt Ion:152 Resp: 84946

Ion Ratio Lower Upper

152 100

115 60.0 44.2 132.6

150 156.7 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 24.907 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX026689.D

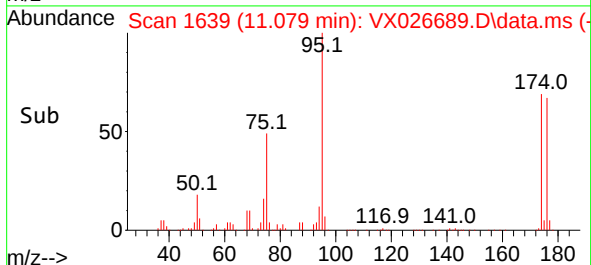
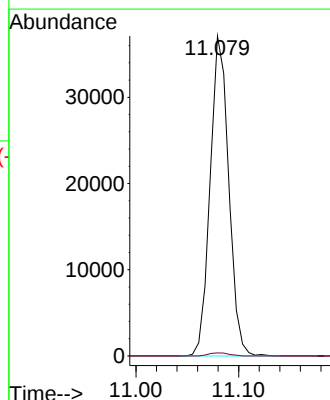
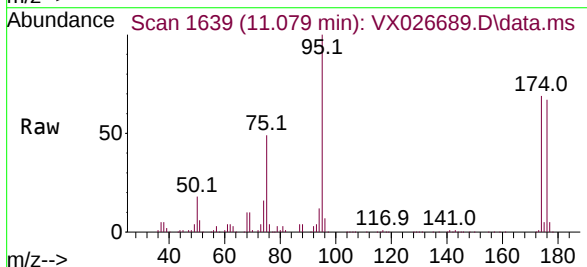
Acq: 31 Jan 2022 18:36

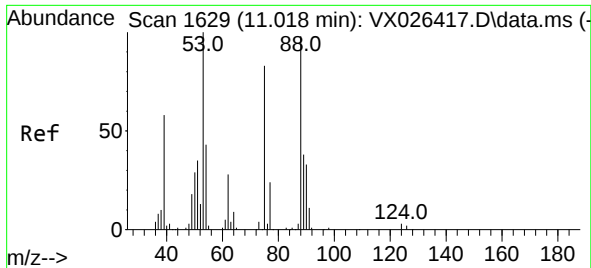
Tgt Ion: 75 Resp: 46584

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.726 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026689.D
 Acq: 31 Jan 2022 18:36

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 46584
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

