

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029796.D
 Acq On : 25 Jun 2022 03:53
 Operator : JC/MD
 Sample : N3386-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Jun 25 05:33:32 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)

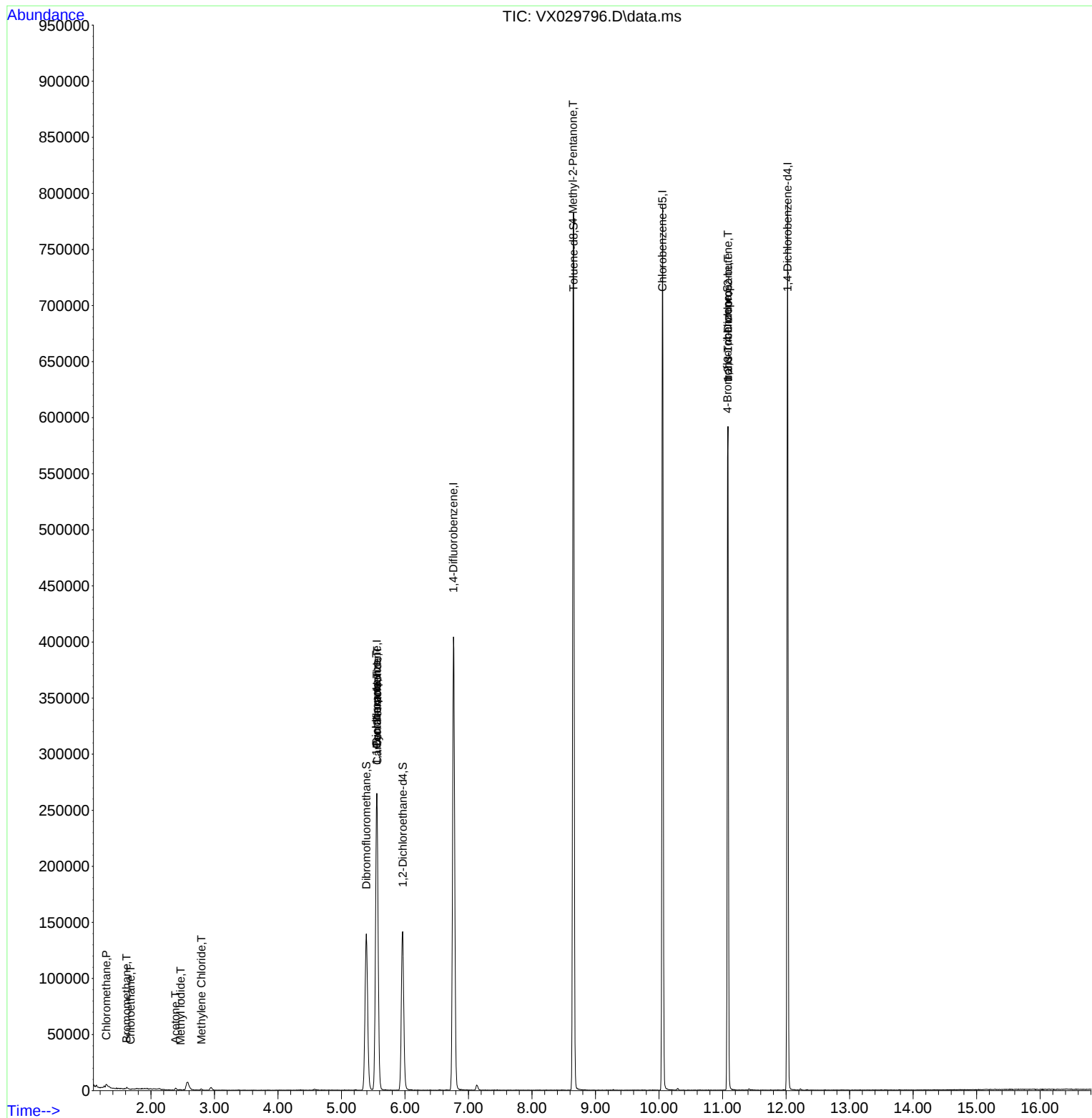
Internal Standards						
1) Pentafluorobenzene	5.556	168	259644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134760	39.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.420%
35) Dibromofluoromethane	5.391	113	125499	44.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.653	98	488272	46.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.980%
62) 4-Bromofluorobenzene	11.079	95	173238	44.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	807	0.238	ug/l	99
5) Bromomethane	1.617	94	458	0.288	ug/l #	43
6) Chloroethane	1.678	64	115	1.339	ug/l #	43
10) Methyl Iodide	2.465	142	537	3.180	ug/l #	87
11) Tert butyl alcohol	2.953	59	1551	Below Cal	#	72
16) Acetone	2.386	43	1789	1.306	ug/l	98
20) Methylene Chloride	2.794	84	634	0.208	ug/l	91
31) Cyclohexane	5.556	56	4457	0.966	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18339	4.763	ug/l #	49
38) Carbon Tetrachloride	5.562	117	25879	6.836	ug/l #	15
44) Trichloroethene	7.129	130	1997	Below Cal		87
51) 4-Methyl-2-Pentanone	8.647	43	1810	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	81765	22.529	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	81765	74.949	ug/l #	15

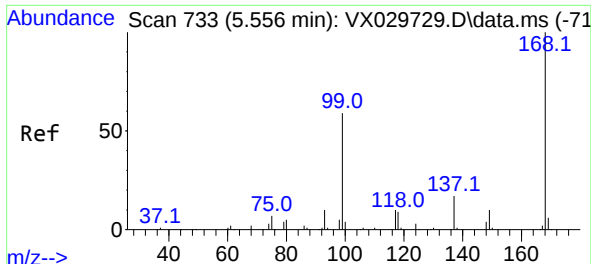
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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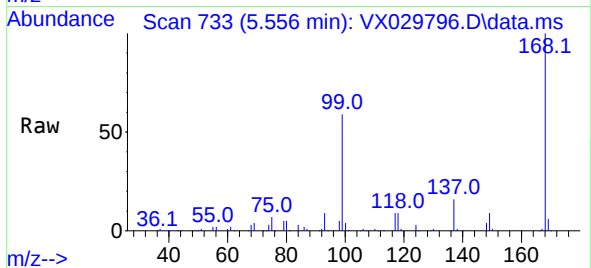
Quant Time: Jun 25 05:33:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



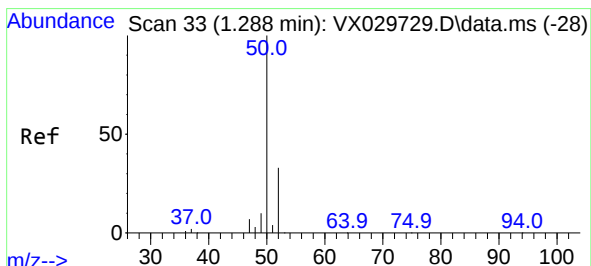
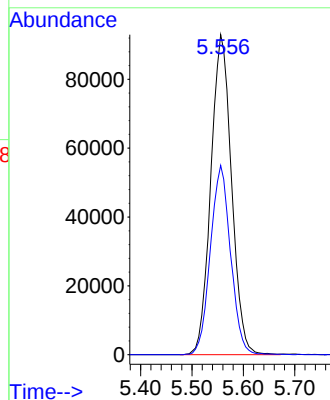


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

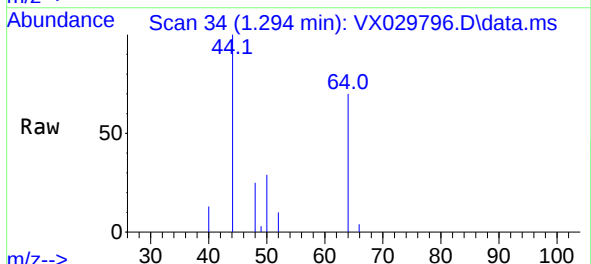
Instrument :
MSVOA_X
ClientSampleId :
VIBLK



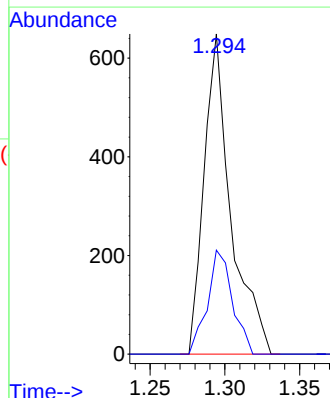
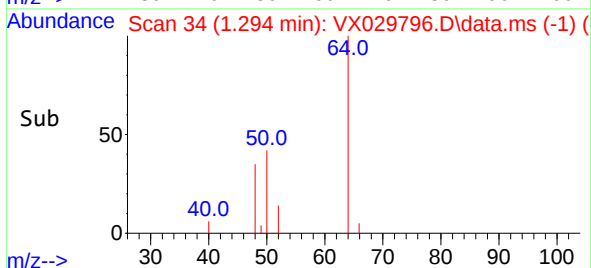
Tgt Ion:168 Resp: 259644
Ion Ratio Lower Upper
168 100
99 59.1 41.7 62.5



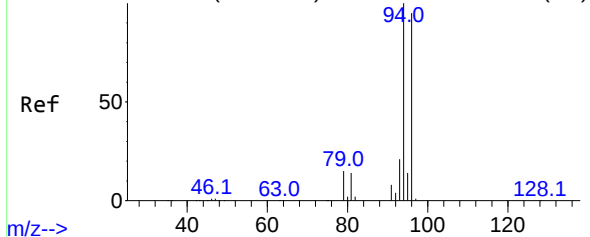
#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53



Tgt Ion: 50 Resp: 807
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.288 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX029796.D

Acq: 25 Jun 2022 03:53

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

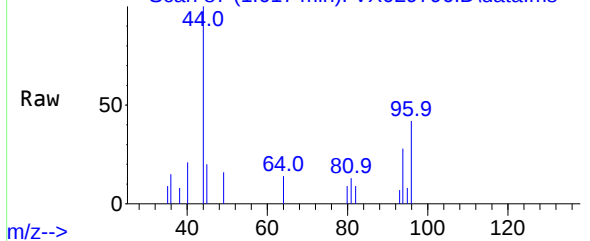
Tgt Ion: 94 Resp: 458

Ion Ratio Lower Upper

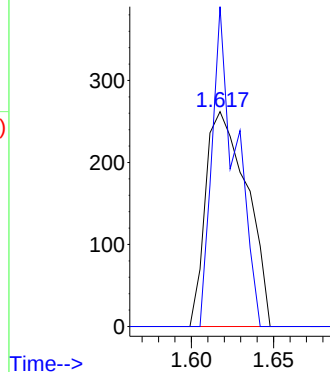
94 100

96 148.9 75.3 112.9#

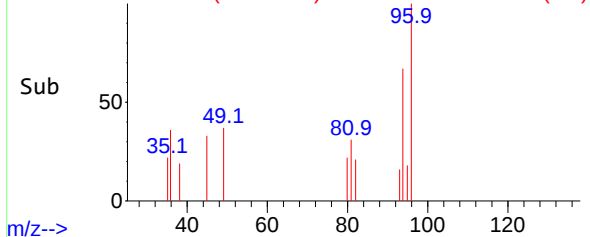
Abundance Scan 87 (1.617 min): VX029796.D\data.ms



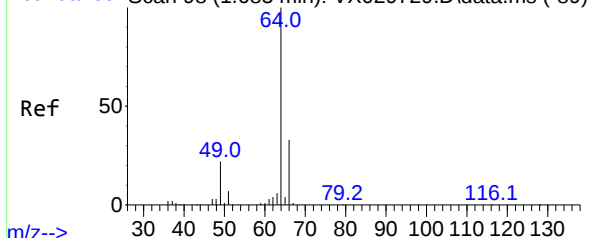
Abundance



Abundance Scan 87 (1.617 min): VX029796.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6

Chloroethane

Concen: 1.339 ug/l

RT: 1.678 min Scan# 97

Delta R.T. -0.007 min

Lab File: VX029796.D

Acq: 25 Jun 2022 03:53

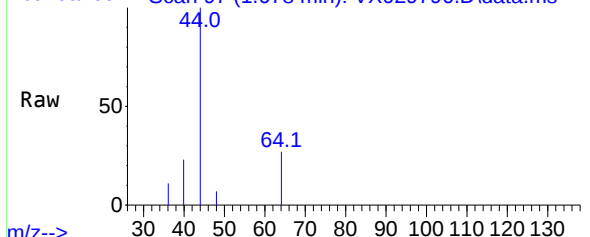
Tgt Ion: 64 Resp: 115

Ion Ratio Lower Upper

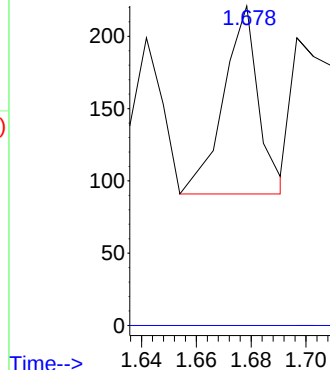
64 100

66 0.0 25.3 37.9#

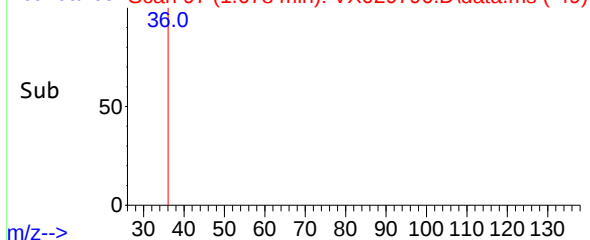
Abundance Scan 97 (1.678 min): VX029796.D\data.ms

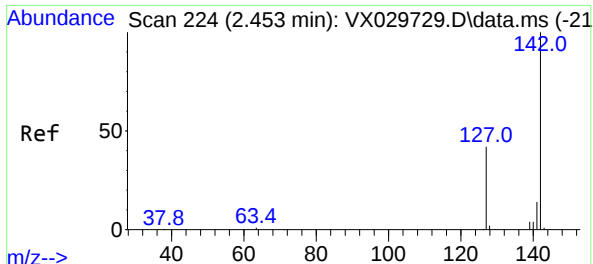


Abundance



Abundance Scan 97 (1.678 min): VX029796.D\data.ms (-49)

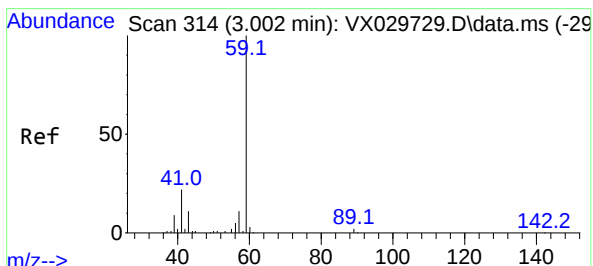
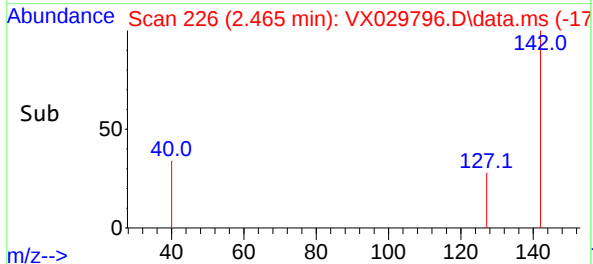
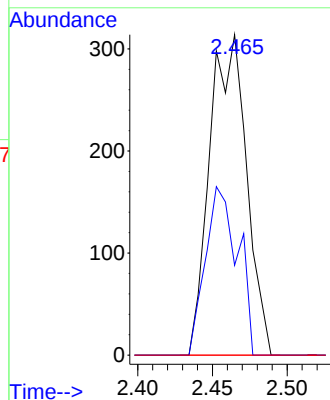
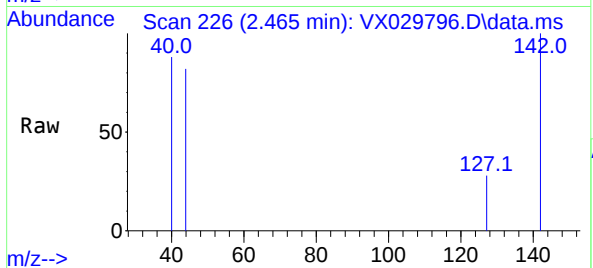




#10
Methyl Iodide
Concen: 3.180 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

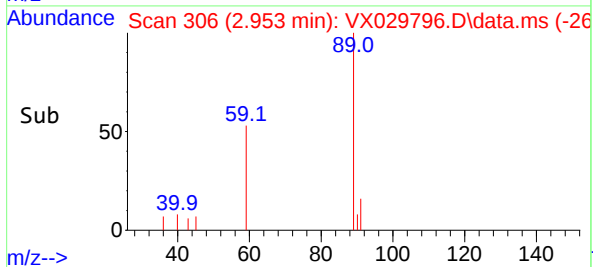
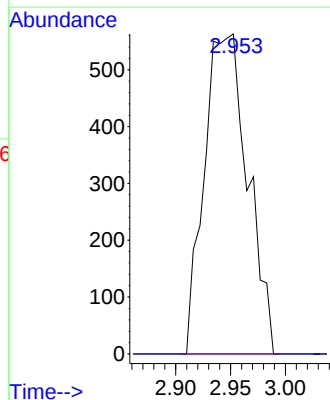
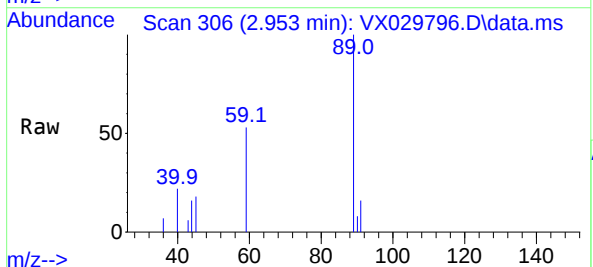
Instrument :
MSVOA_X
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VIBLK

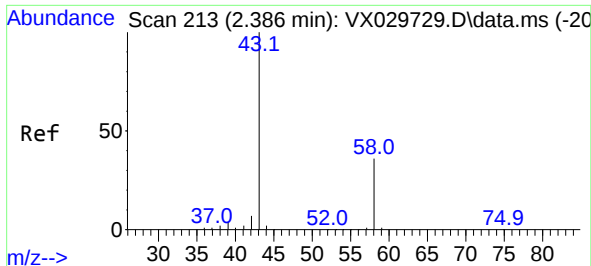
Tgt Ion:142 Resp: 537
Ion Ratio Lower Upper
142 100
127 46.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion: 59 Resp: 1551
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

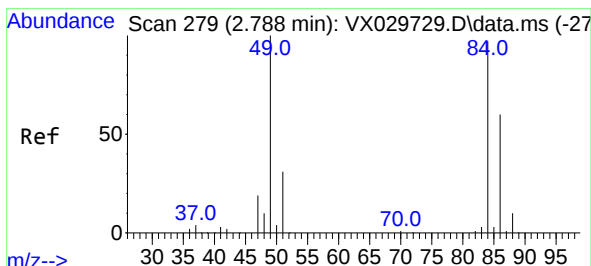
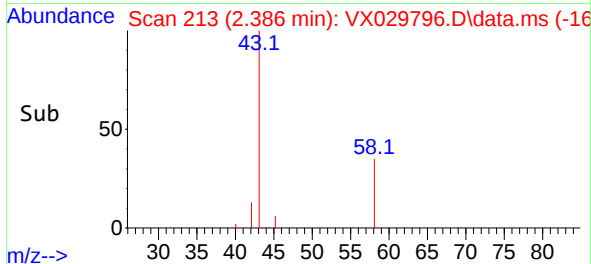
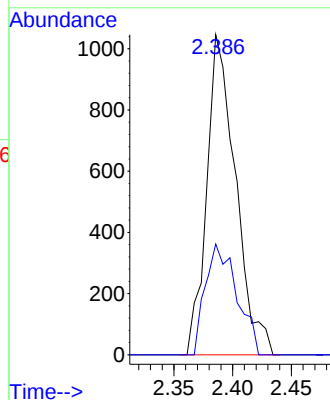
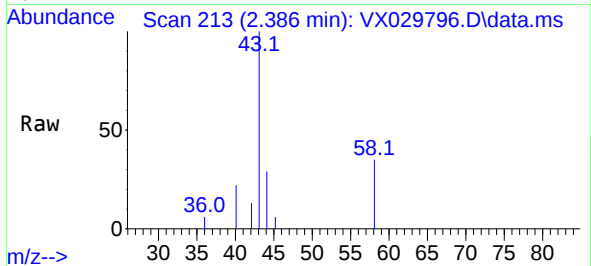




#16
Acetone
Concen: 1.306 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

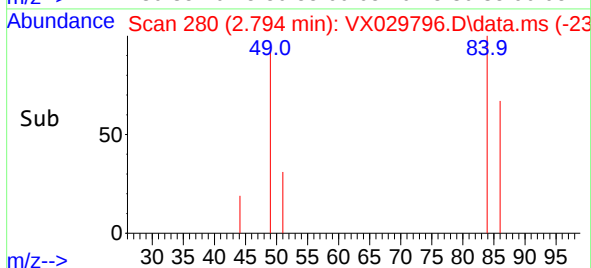
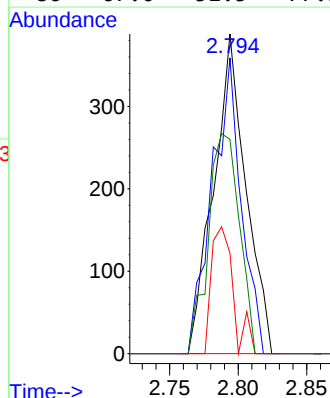
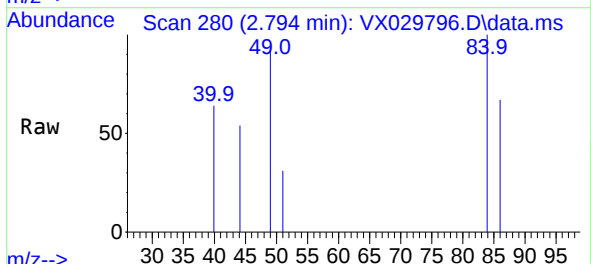
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

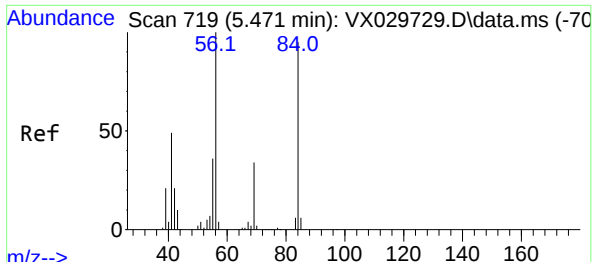
Tgt Ion: 43 Resp: 1789
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2



#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

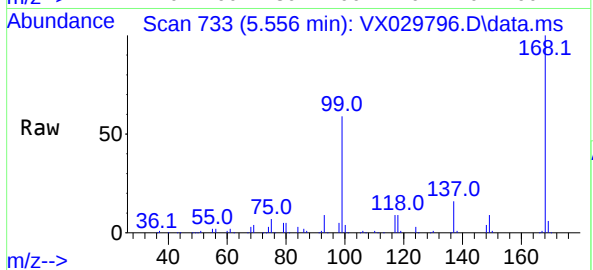
Tgt Ion: 84 Resp: 634
Ion Ratio Lower Upper
84 100
49 92.5 85.5 128.3
51 31.4 26.6 39.8
86 67.0 51.5 77.3



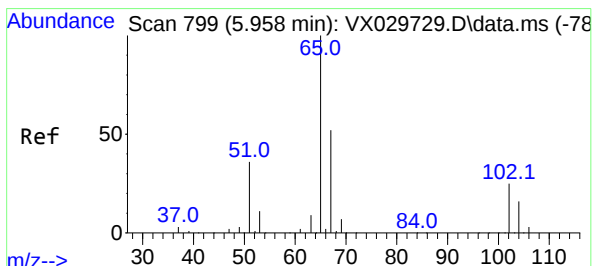
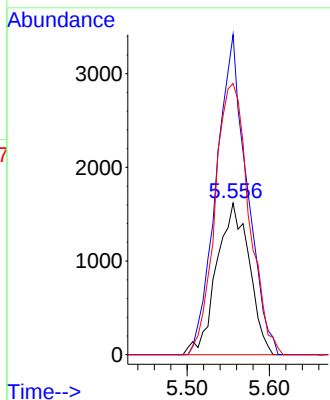
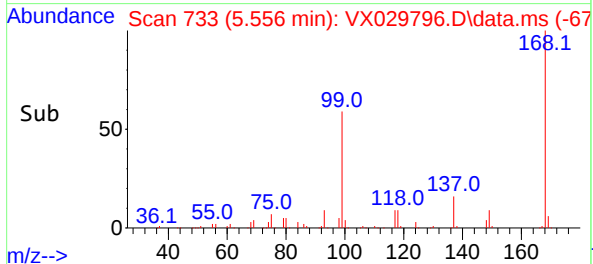


#31
Cyclohexane
Concen: 0.966 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

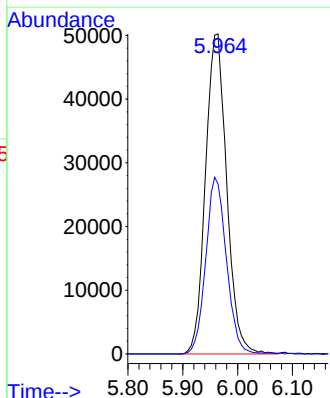
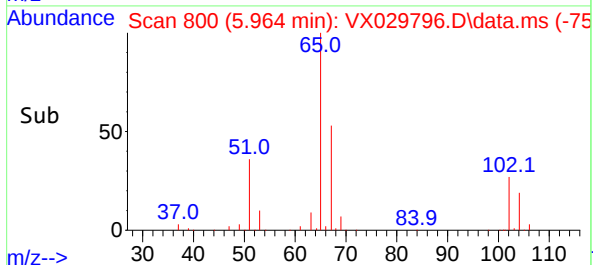
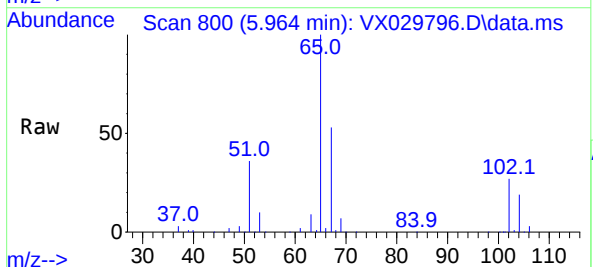


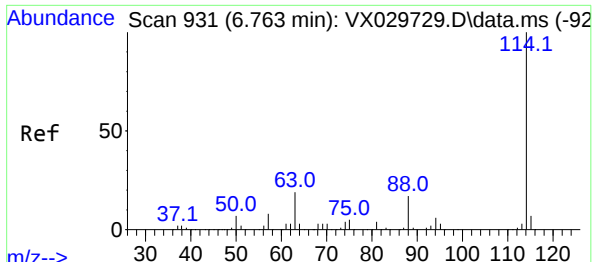
Tgt Ion: 56 Resp: 4457
Ion Ratio Lower Upper
56 100
69 211.3 26.7 40.1#
84 179.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 39.209 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion: 65 Resp: 134760
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

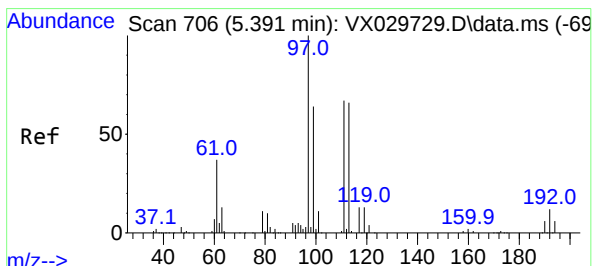
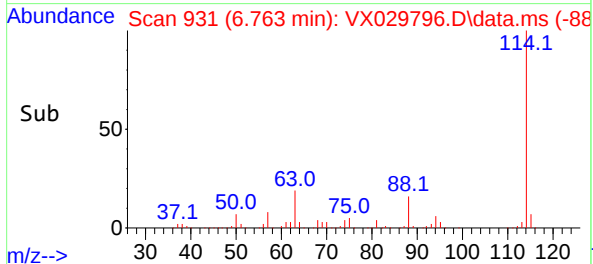
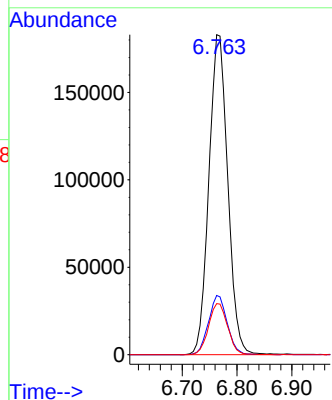
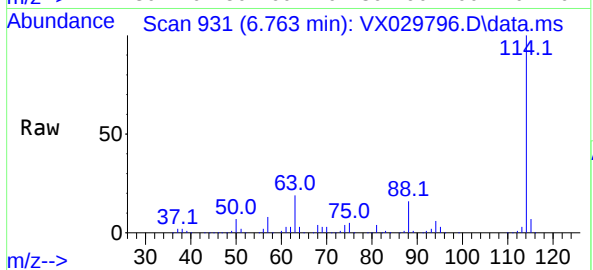




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

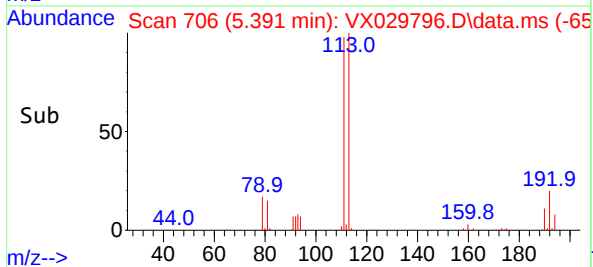
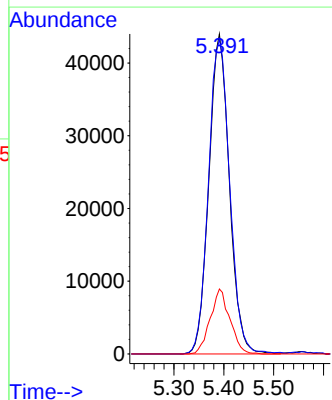
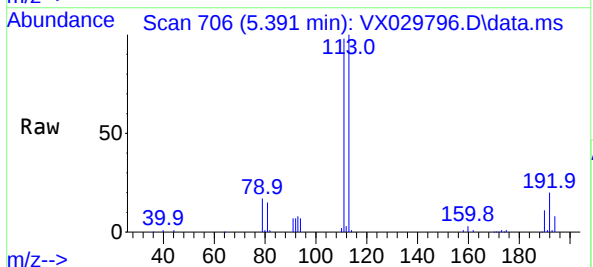
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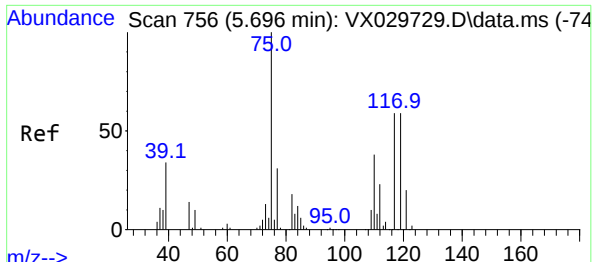
Tgt Ion:114 Resp: 436489
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.119 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion:113 Resp: 125499
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.5 16.9 25.3

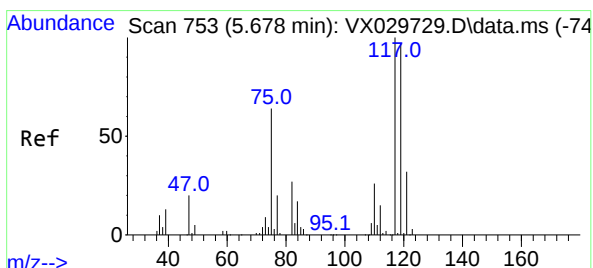
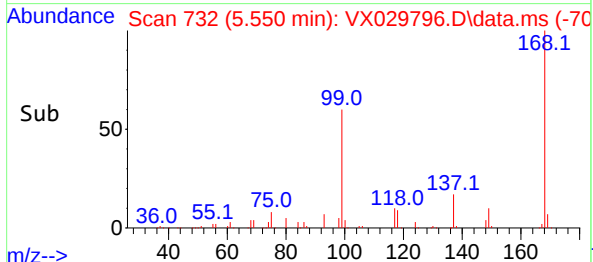
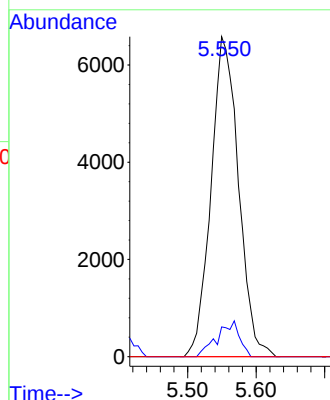
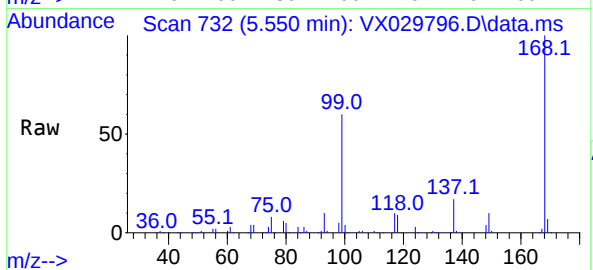




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

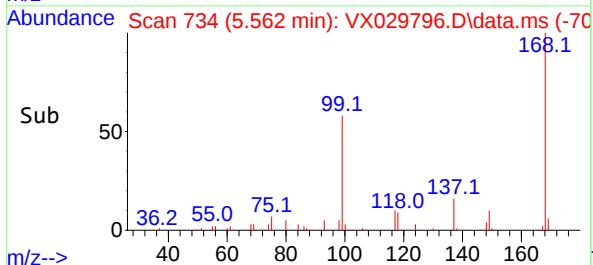
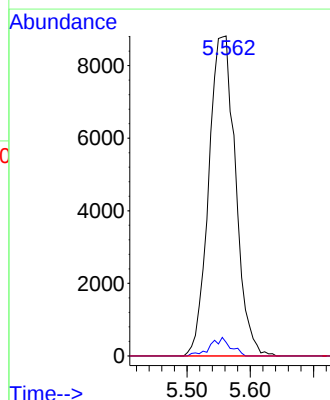
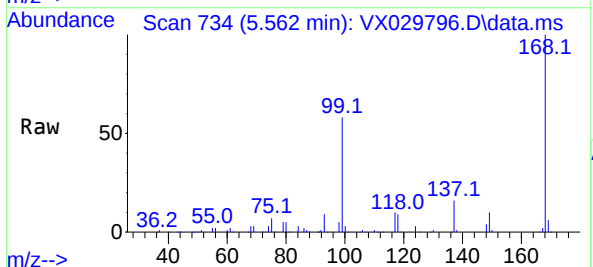
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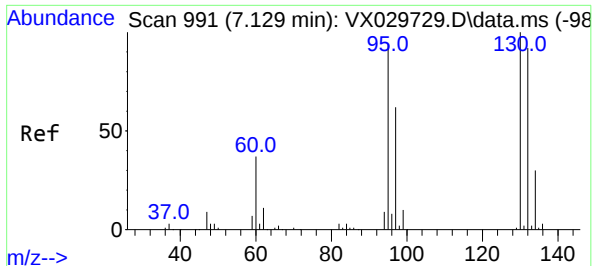
Tgt Ion: 75 Resp: 18339
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.836 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion: 117 Resp: 25879
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#

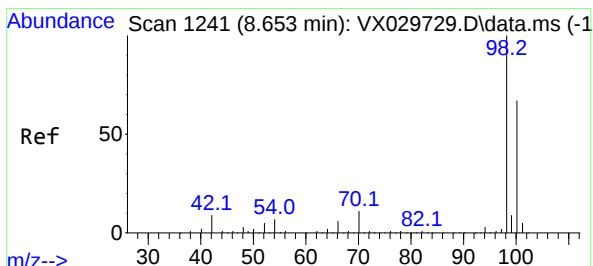
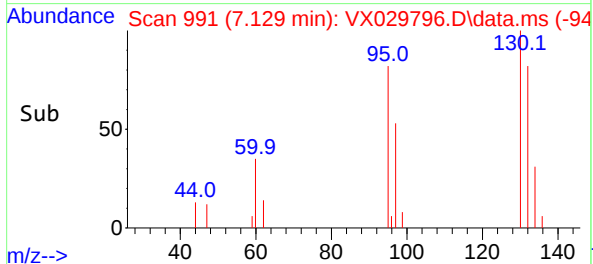
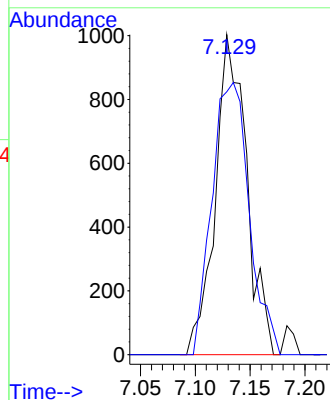
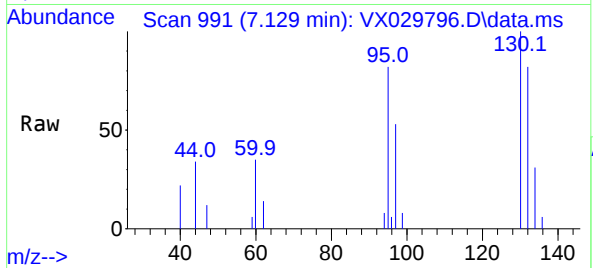




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

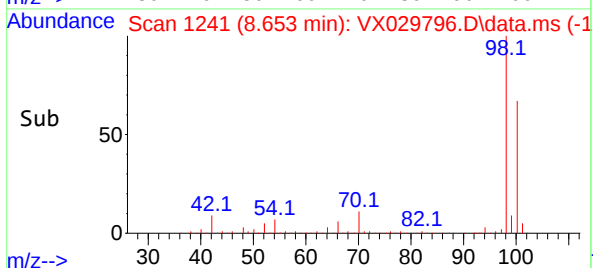
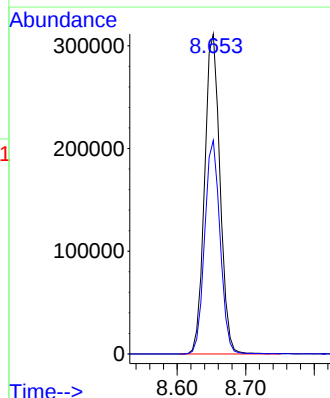
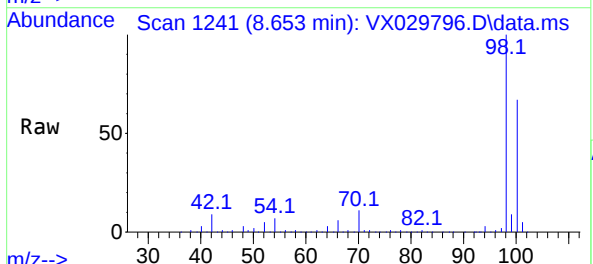
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

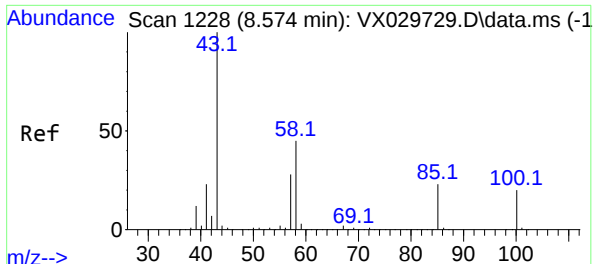
Tgt Ion:130 Resp: 1997
Ion Ratio Lower Upper
130 100
95 82.2 0.0 188.8



#50
Toluene-d8
Concen: 46.987 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion: 98 Resp: 488272
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.458 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX029796.D

Acq: 25 Jun 2022 03:53

Instrument :

MSVOA_X

ClientSampleId :

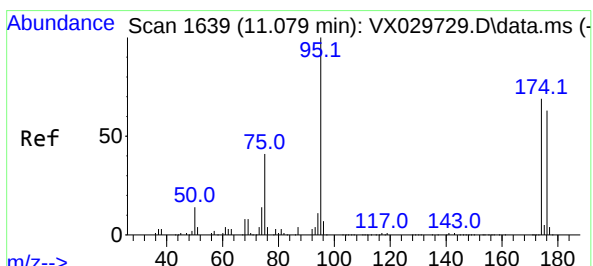
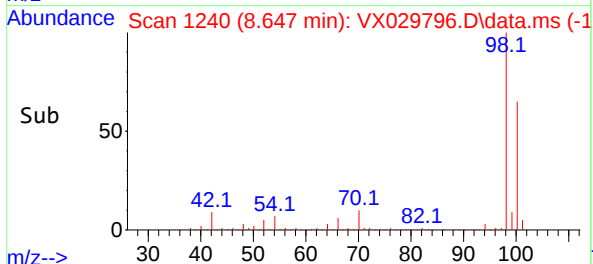
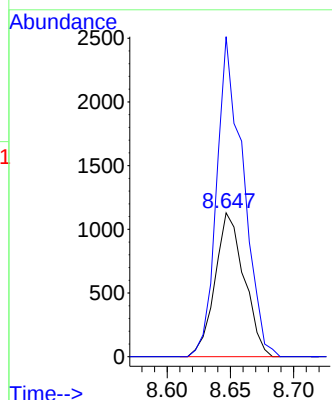
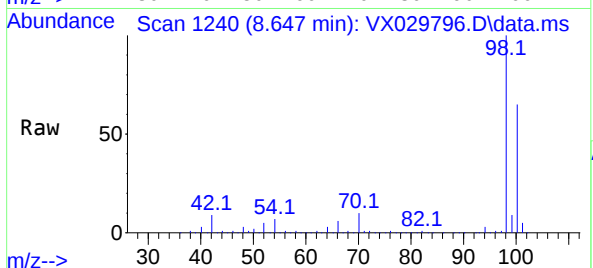
VIBLK

Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

58 201.8 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 44.207 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029796.D

Acq: 25 Jun 2022 03:53

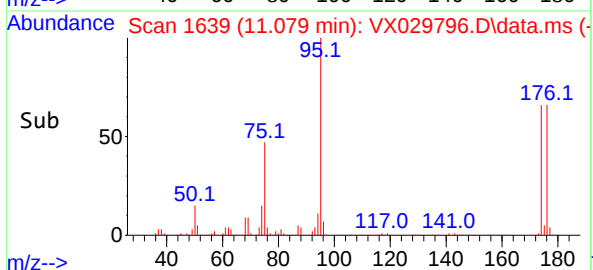
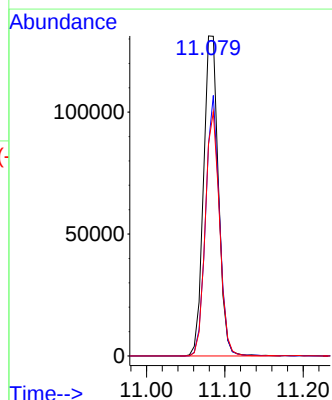
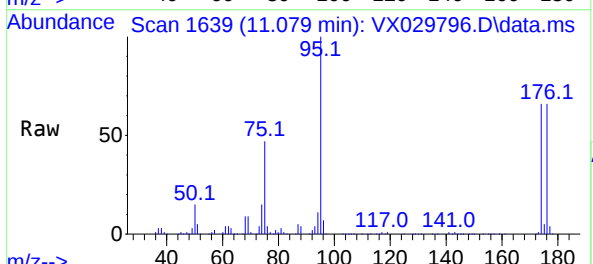
Tgt Ion: 95 Resp: 173238

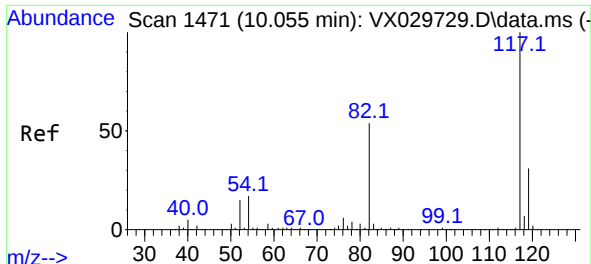
Ion Ratio Lower Upper

95 100

174 75.0 0.0 163.0

176 73.0 0.0 155.0

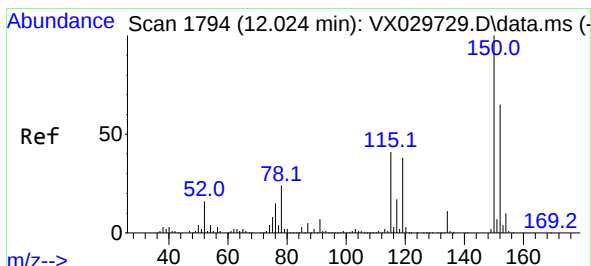
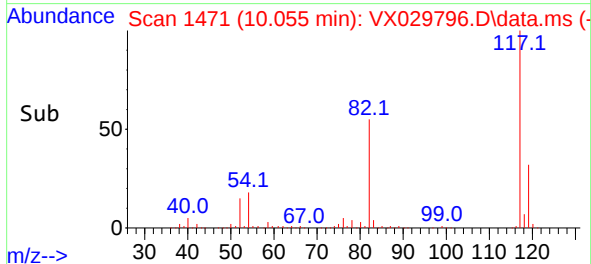
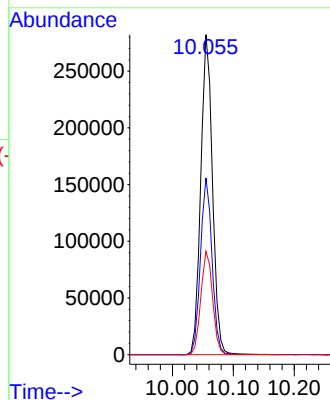
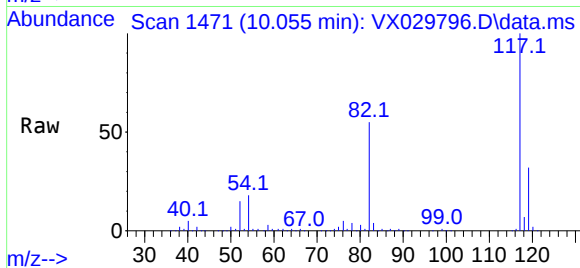




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

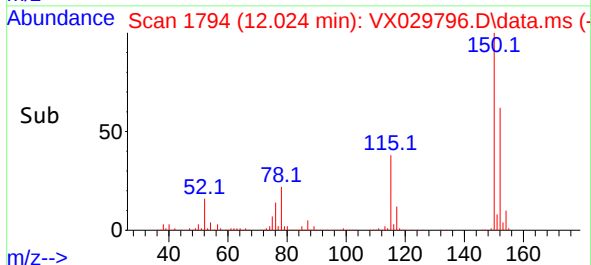
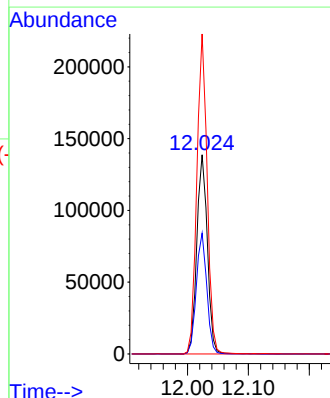
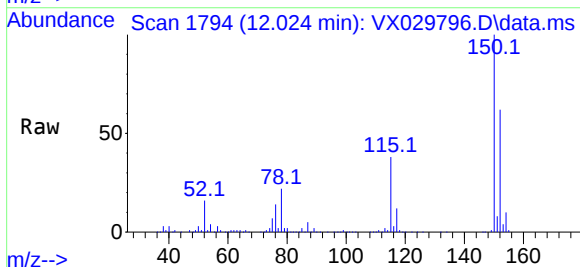
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

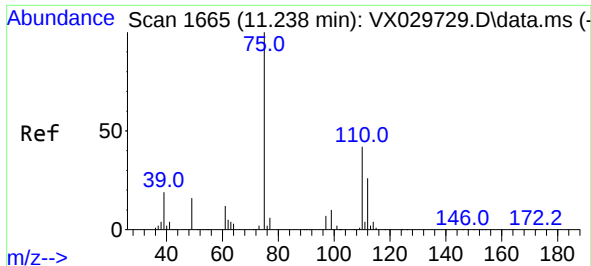
Tgt Ion:117 Resp: 377447
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion:152 Resp: 166596
Ion Ratio Lower Upper
152 100
115 60.5 37.5 112.7
150 157.0 0.0 338.2

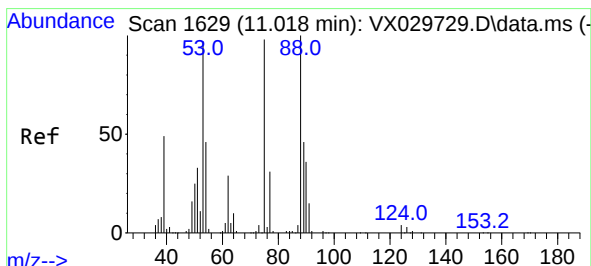
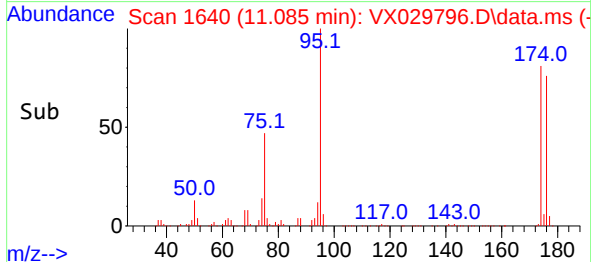
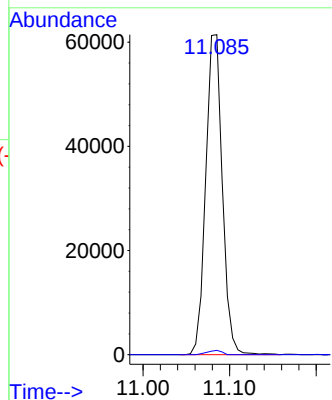
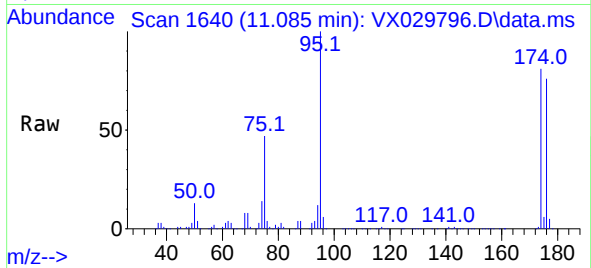




#76
1,2,3-Trichloropropane
Concen: 22.529 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 81765
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.949 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029796.D
Acq: 25 Jun 2022 03:53

Tgt Ion: 75 Resp: 81765
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

