

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029784.D
 Acq On : 24 Jun 2022 18:40
 Operator : JC/MD
 Sample : N3473-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW17411-TB-20220621

Quant Time: Jun 25 02:06:22 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)

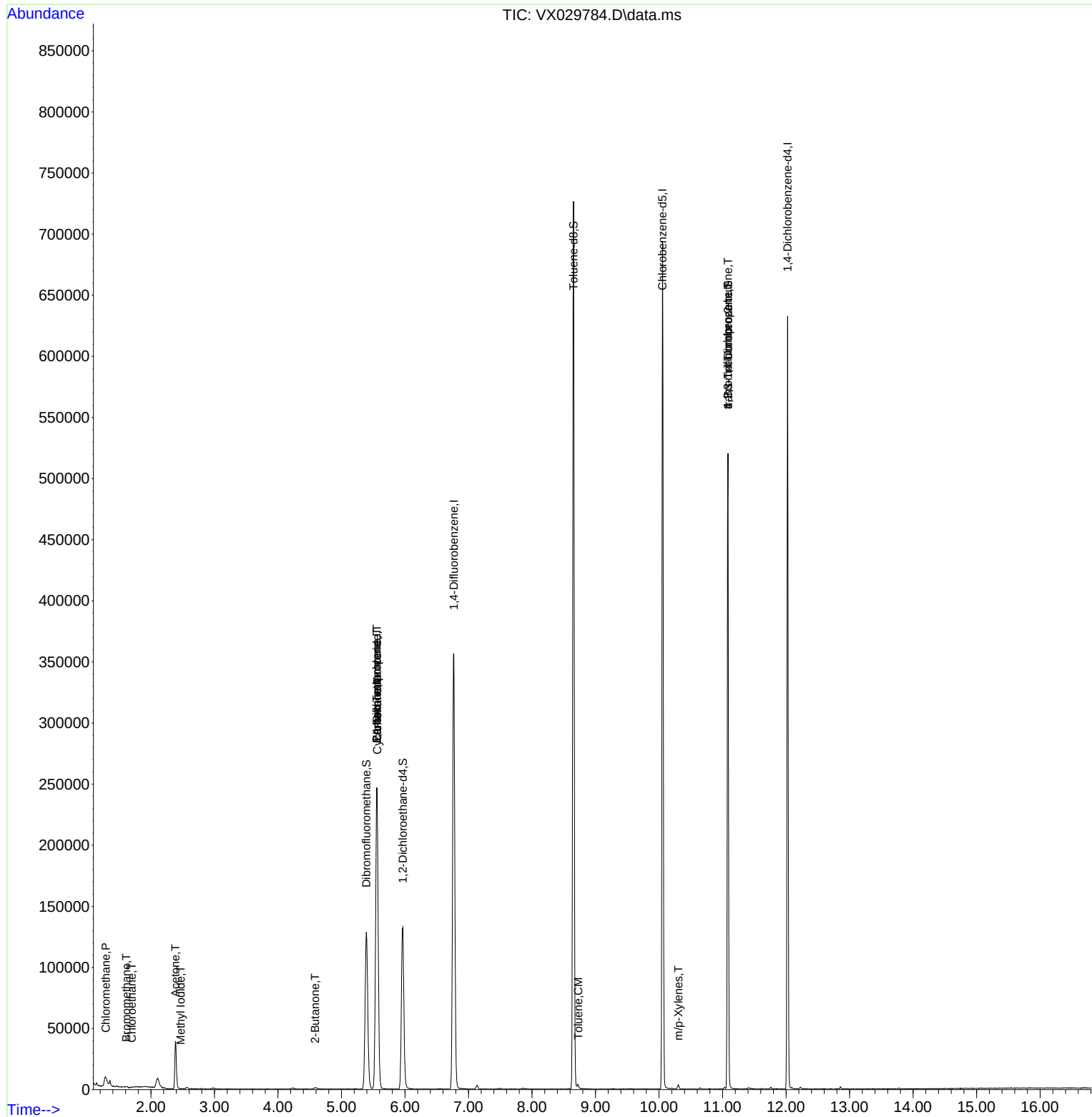
Internal Standards						
1) Pentafluorobenzene	5.556	168	238452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127336	40.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.680%
35) Dibromofluoromethane	5.391	113	115789	45.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	8.653	98	443675	48.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.085	95	149548	43.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1047	0.337	ug/l	92
5) Bromomethane	1.611	94	316	0.216	ug/l #	64
6) Chloroethane	1.697	64	563	1.537	ug/l #	43
10) Methyl Iodide	2.465	142	125	3.059	ug/l #	41
11) Tert butyl alcohol	2.983	59	1558	Below Cal	#	84
16) Acetone	2.386	43	42210	33.550	ug/l	98
25) 2-Butanone	4.587	43	2686	1.351	ug/l	93
31) Cyclohexane	5.562	56	3979	0.939	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16647	4.878	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24341	7.253	ug/l #	15
44) Trichloroethene	7.135	130	1199	Below Cal		89
52) Toluene	8.726	92	1504	0.232	ug/l	95
68) m/p-Xylenes	10.305	106	965	0.209	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	69937	25.081	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	69937	83.438	ug/l #	15

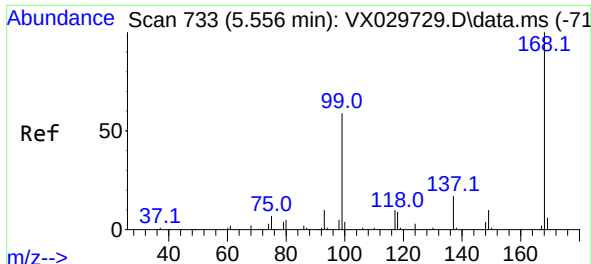
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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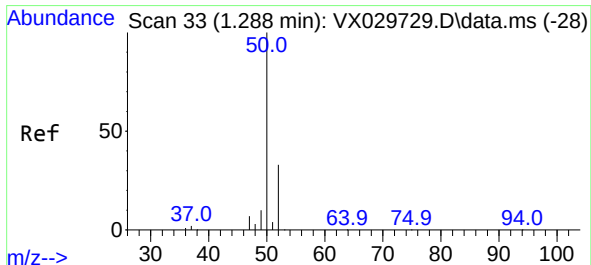
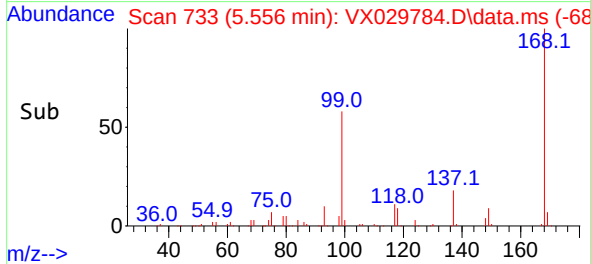
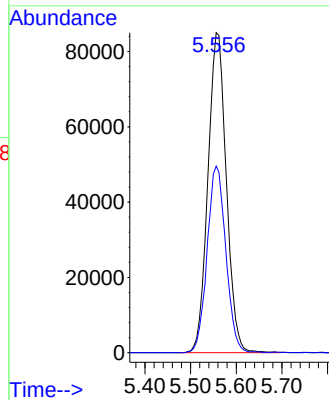
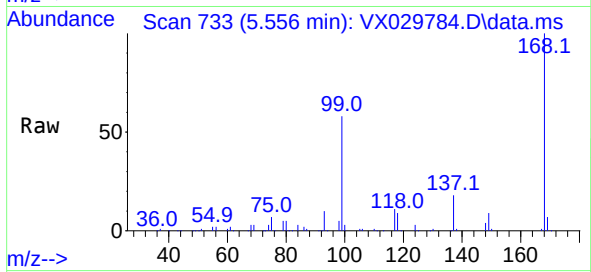




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

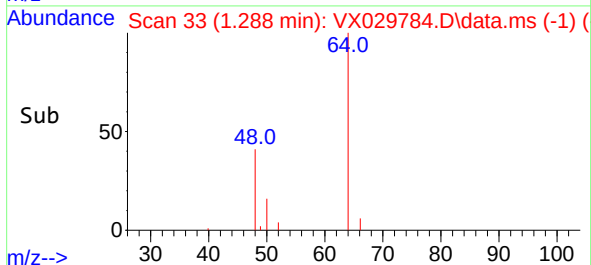
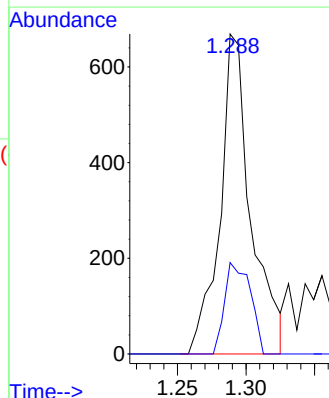
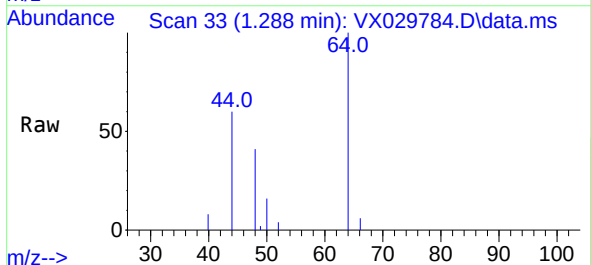
Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

Tgt Ion:168 Resp: 238452
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5

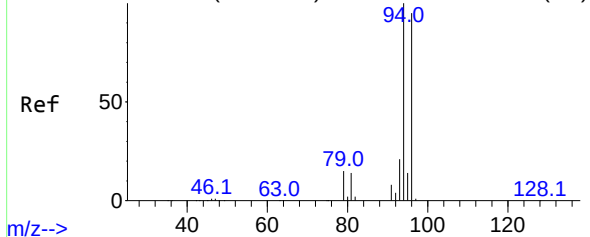


#3
Chloromethane
Concen: 0.337 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion: 50 Resp: 1047
Ion Ratio Lower Upper
50 100
52 28.6 26.4 39.6



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



#5

Bromomethane

Concen: 0.216 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX029784.D

Acq: 24 Jun 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

BP-MW17411-TB-20220621

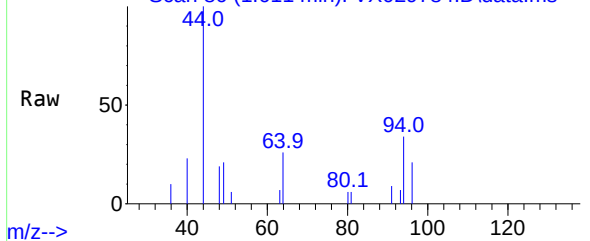
Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

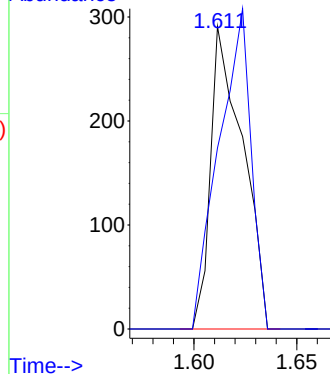
94 100

96 59.8 75.3 112.9#

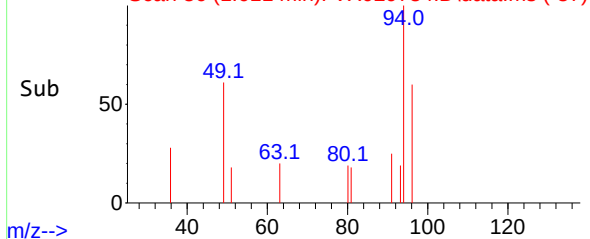
Abundance Scan 86 (1.611 min): VX029784.D\data.ms



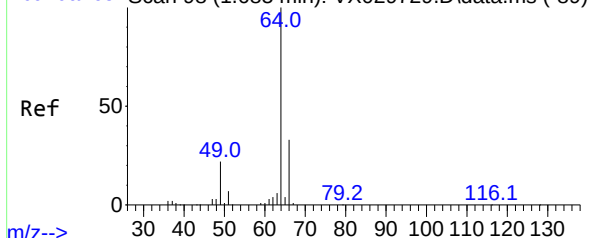
Abundance



Abundance Scan 86 (1.611 min): VX029784.D\data.ms (-37)



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



#6

Chloroethane

Concen: 1.537 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX029784.D

Acq: 24 Jun 2022 18:40

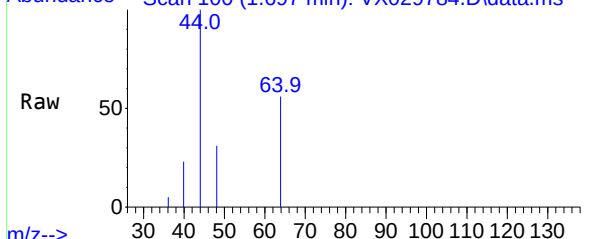
Tgt Ion: 64 Resp: 563

Ion Ratio Lower Upper

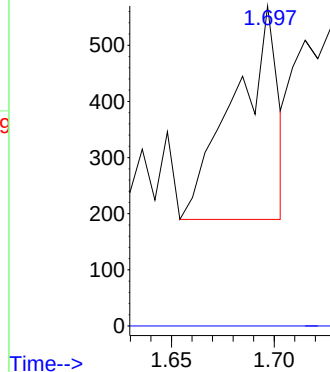
64 100

66 0.0 25.3 37.9#

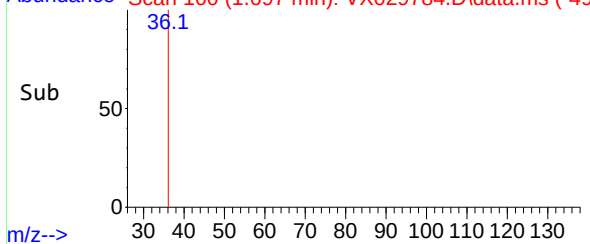
Abundance Scan 100 (1.697 min): VX029784.D\data.ms

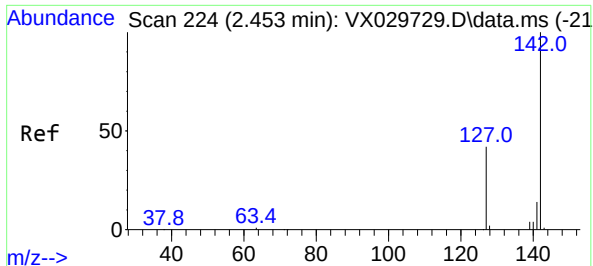


Abundance



Abundance Scan 100 (1.697 min): VX029784.D\data.ms (-49)

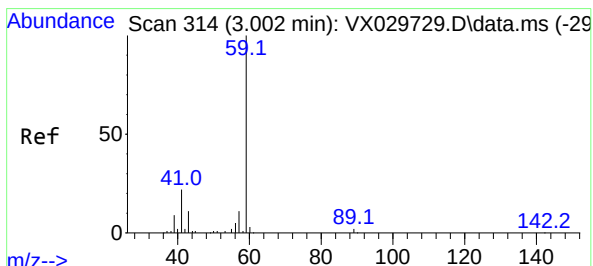
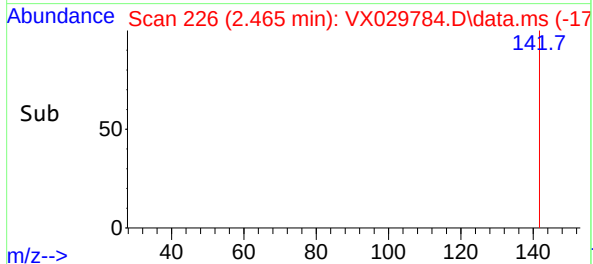
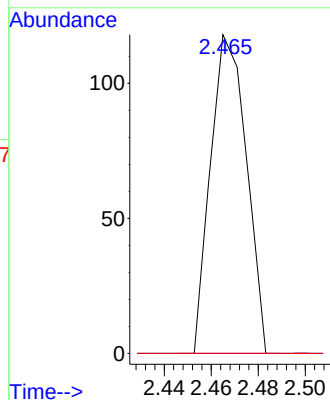
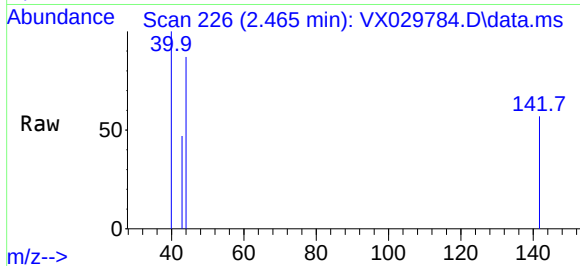




#10
Methyl Iodide
Concen: 3.059 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

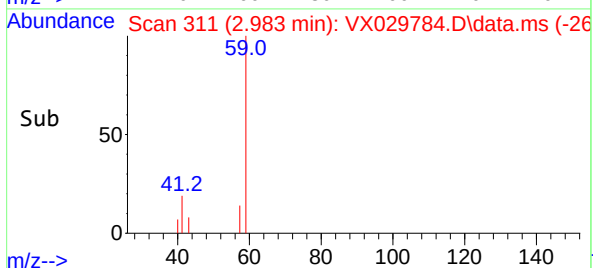
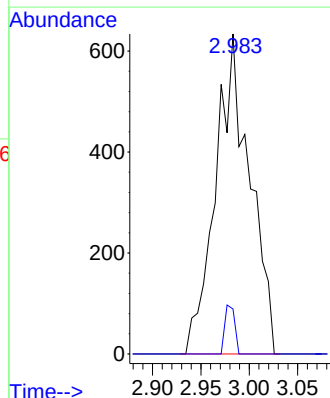
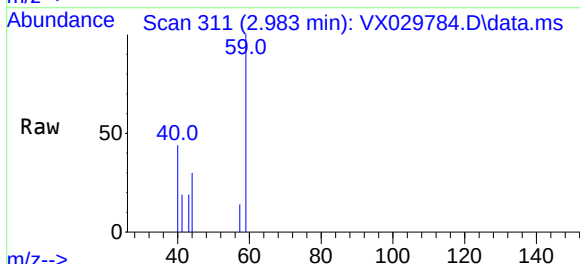
Instrument :
MSVOA_X
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BP-MW17411-TB-20220621

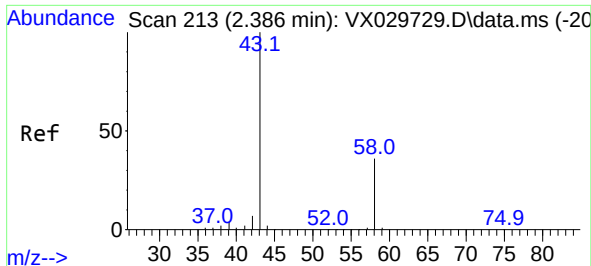
Tgt Ion:142	Resp:	125
Ion	Ratio	Lower Upper
142	100	
127	0.0	33.9 50.9#
141	0.0	11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion: 59	Resp:	1558
Ion	Ratio	Lower Upper
59	100	
57	4.4	8.3 12.5#

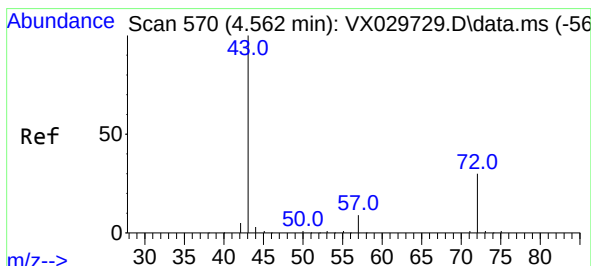
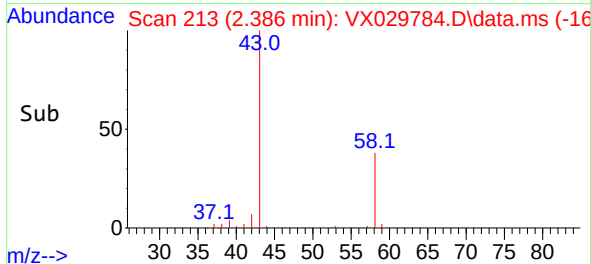
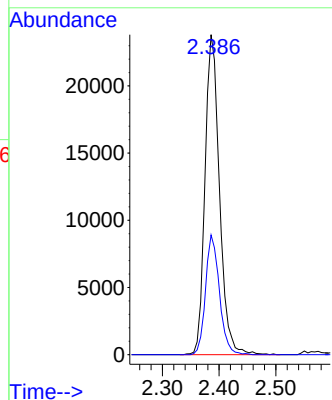
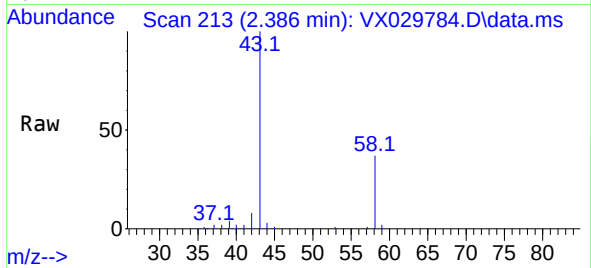




#16
Acetone
Concen: 33.550 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

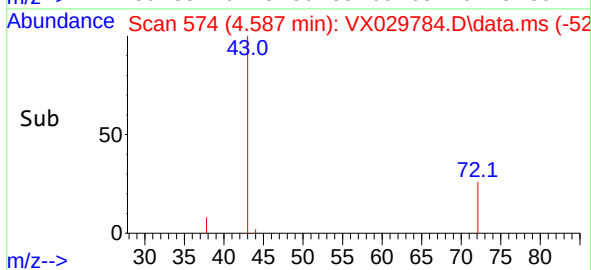
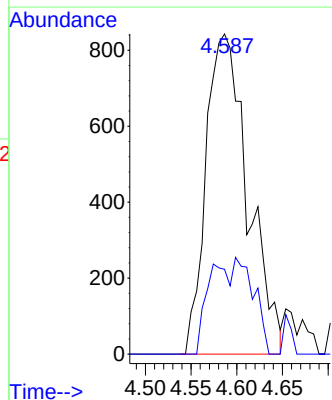
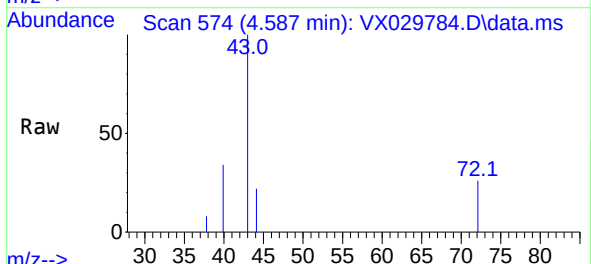
Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

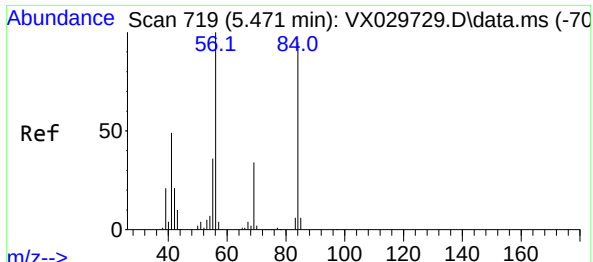
Tgt Ion: 43 Resp: 42210
Ion Ratio Lower Upper
43 100
58 37.4 28.8 43.2



#25
2-Butanone
Concen: 1.351 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

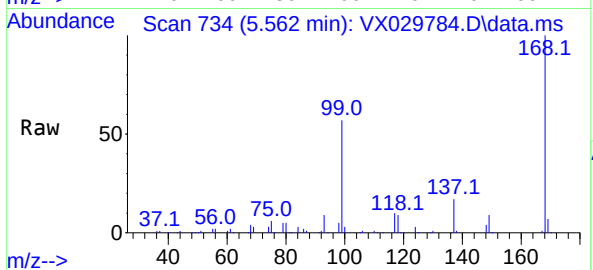
Tgt Ion: 43 Resp: 2686
Ion Ratio Lower Upper
43 100
72 26.5 24.4 36.6



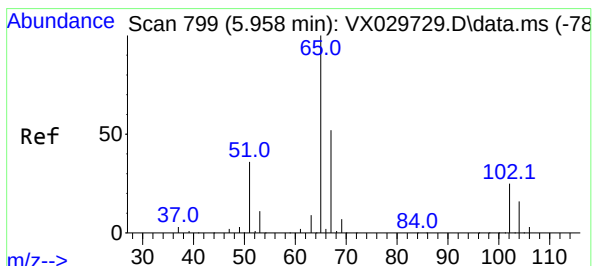
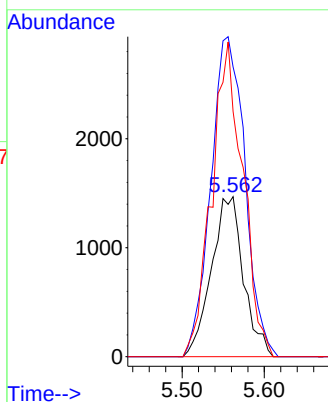
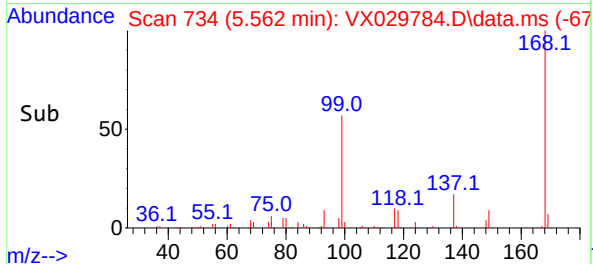


#31
Cyclohexane
Concen: 0.939 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

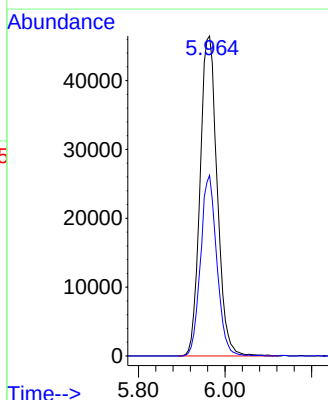
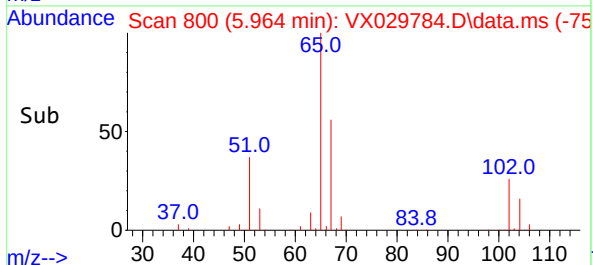
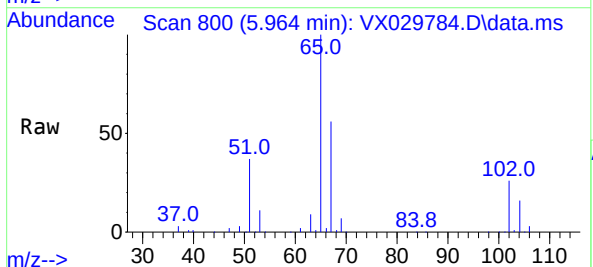


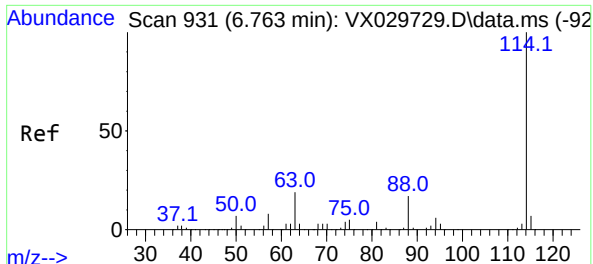
Tgt Ion: 56 Resp: 3979
Ion Ratio Lower Upper
56 100
69 181.2 26.7 40.1#
84 153.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.341 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion: 65 Resp: 127336
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4

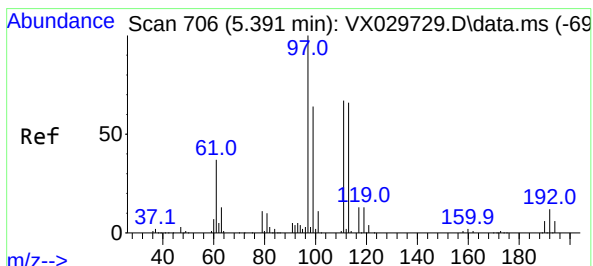
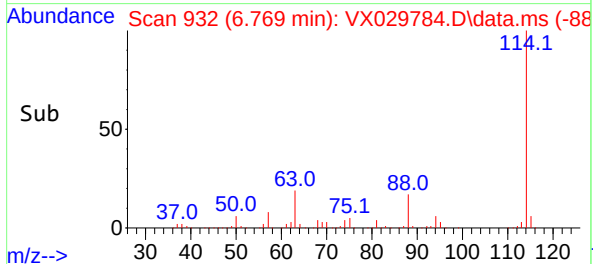
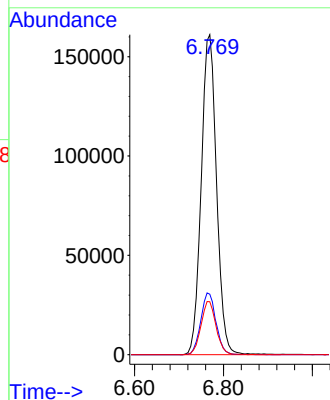
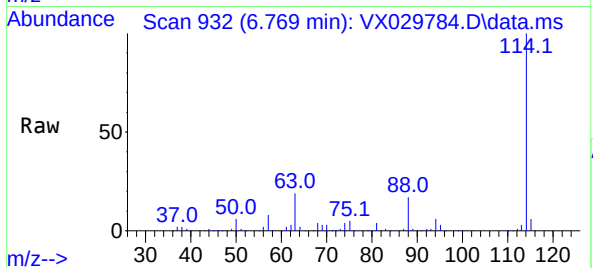




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

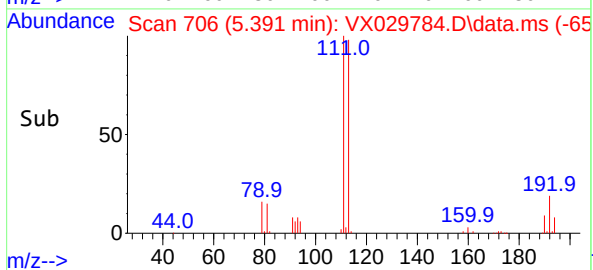
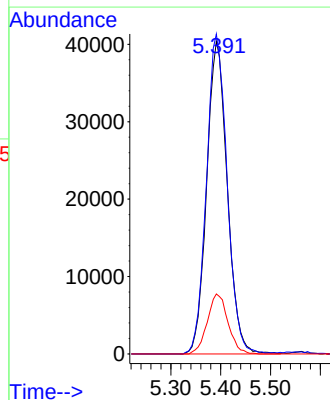
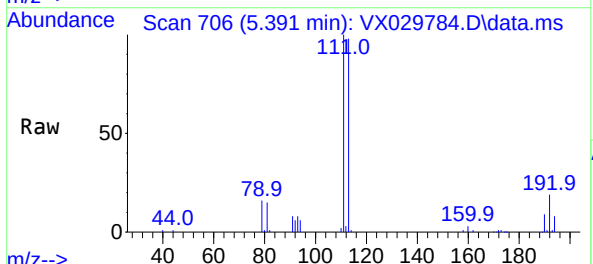
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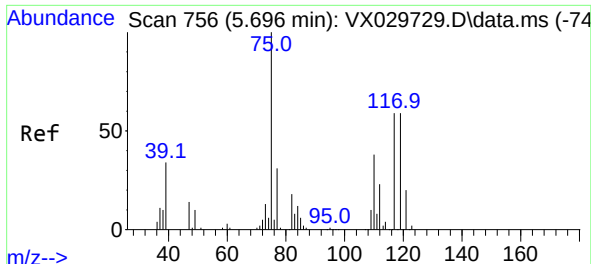
Tgt Ion:114 Resp: 386921
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.921 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion:113 Resp: 115789
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.3 16.9 25.3

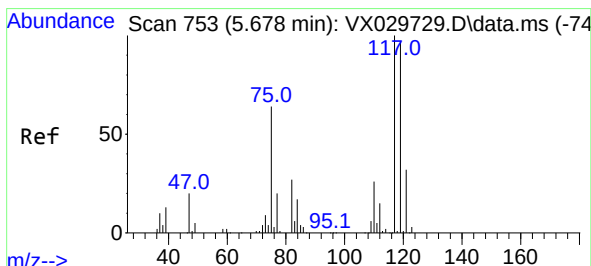
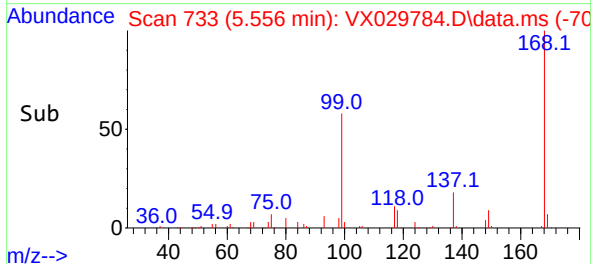
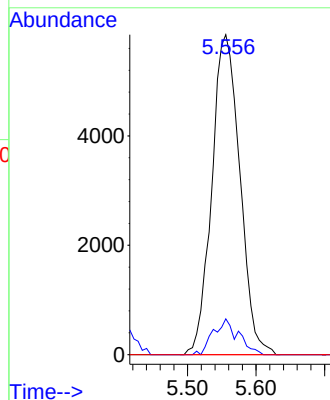
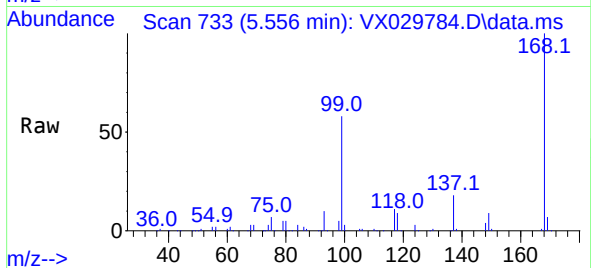




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

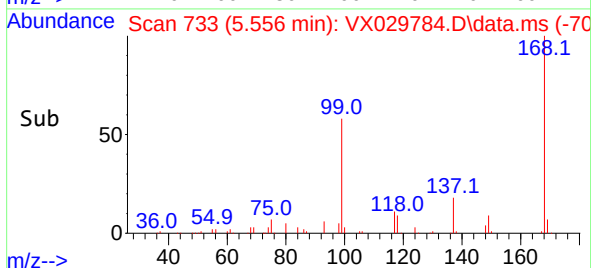
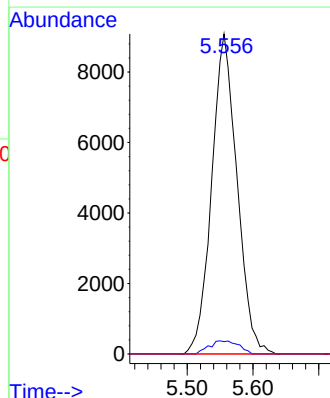
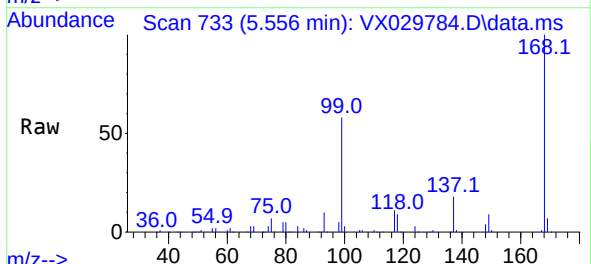
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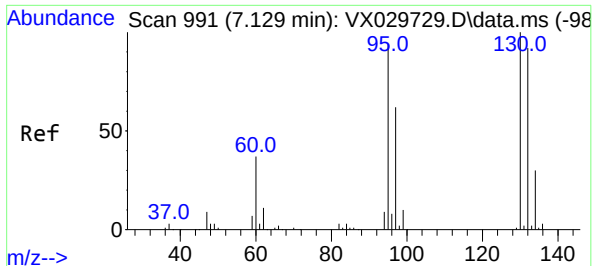
Tgt Ion: 75 Resp: 16647
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.253 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion: 117 Resp: 24341
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#

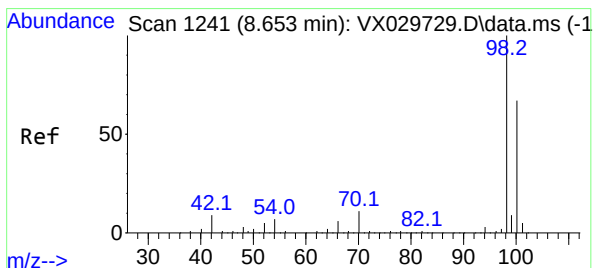
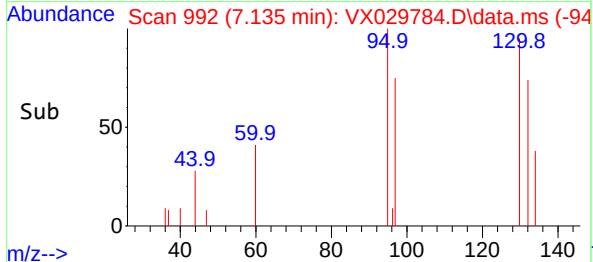
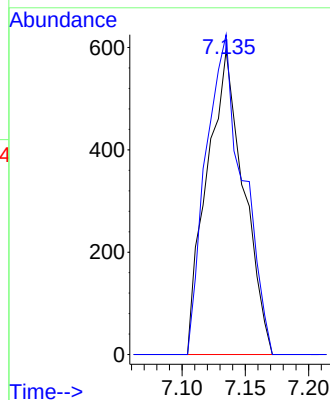
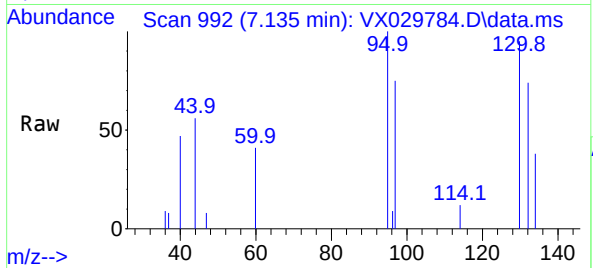




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

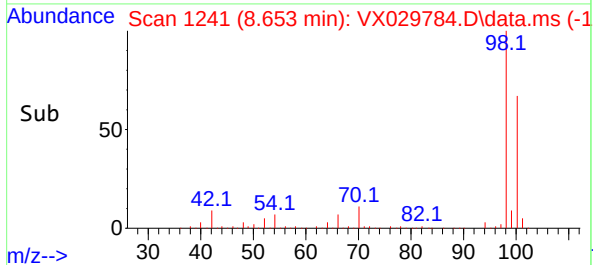
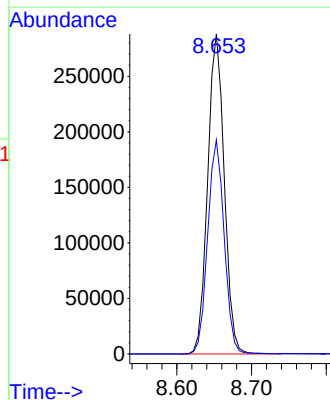
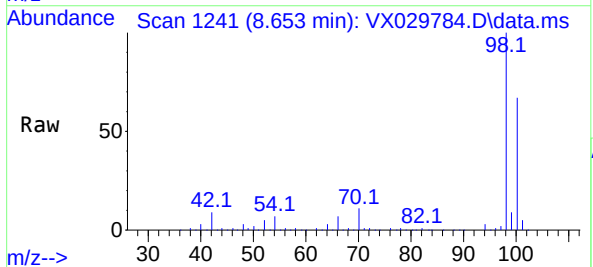
Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

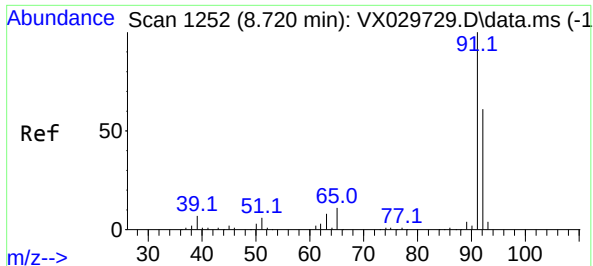
Tgt Ion:130 Resp: 1199
Ion Ratio Lower Upper
130 100
95 105.2 0.0 188.8



#50
Toluene-d8
Concen: 48.165 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion: 98 Resp: 443675
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

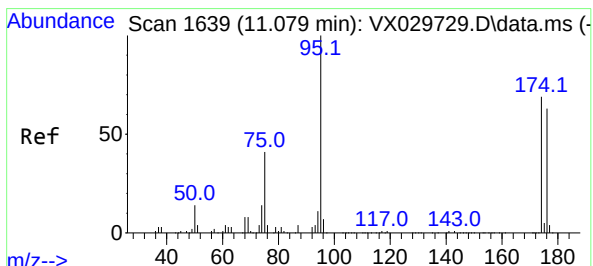
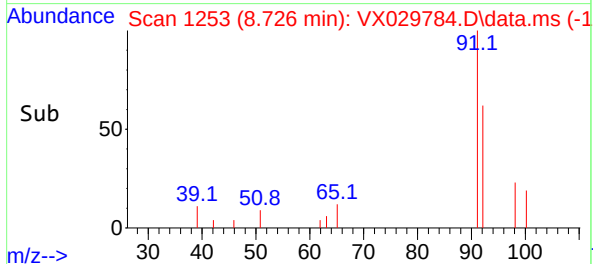
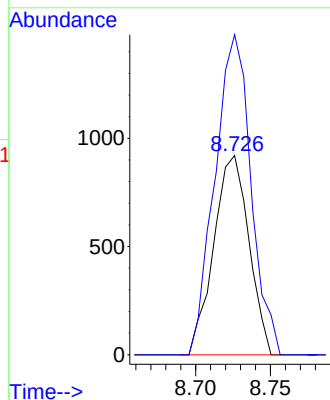
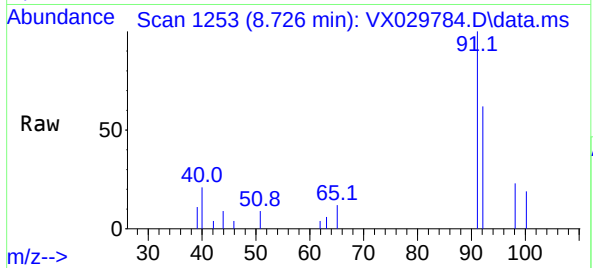




#52
Toluene
Concen: 0.232 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

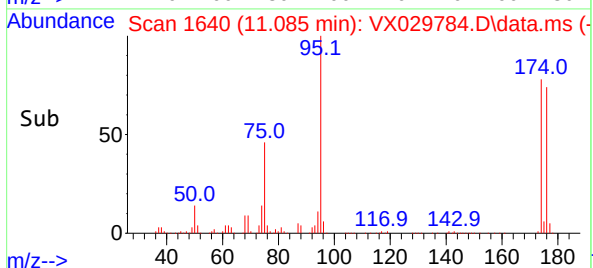
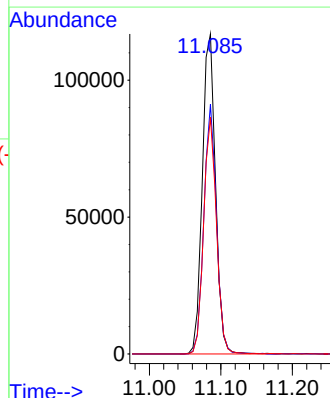
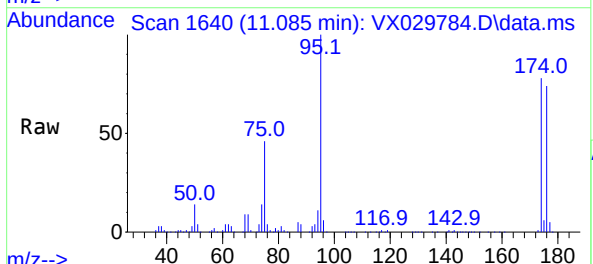
Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

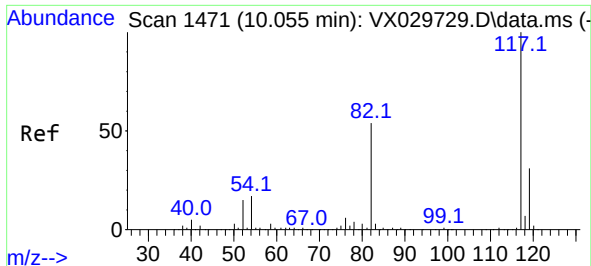
Tgt Ion: 92 Resp: 1504
Ion Ratio Lower Upper
92 100
91 165.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 43.050 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Tgt Ion: 95 Resp: 149548
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 72.0 0.0 155.0

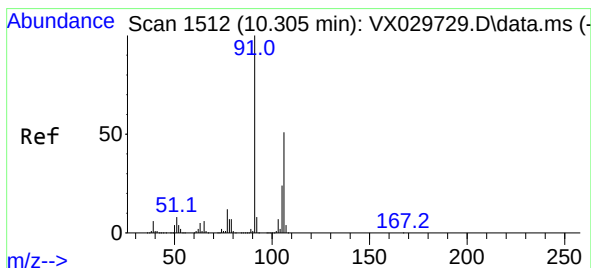
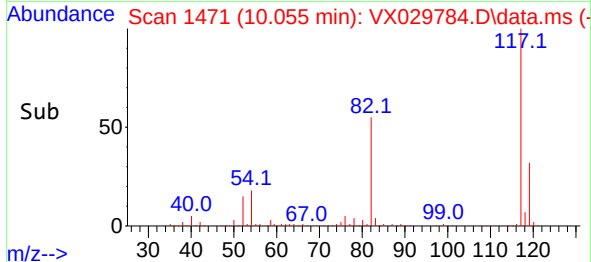
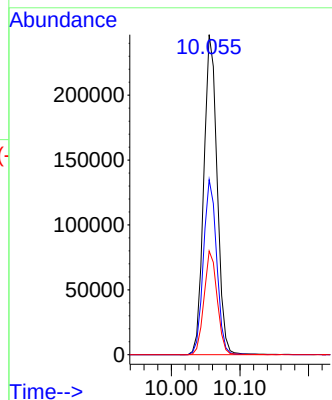
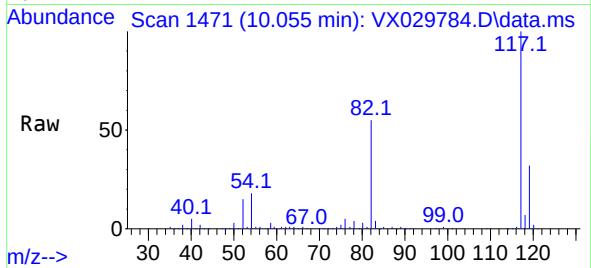




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

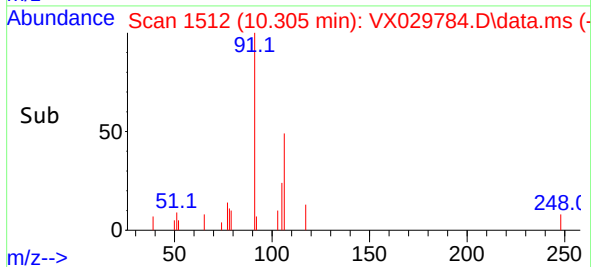
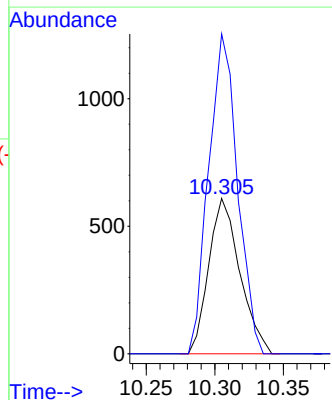
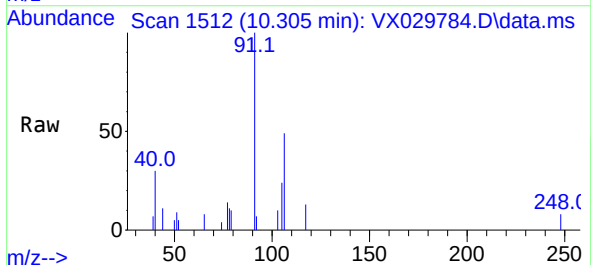
Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

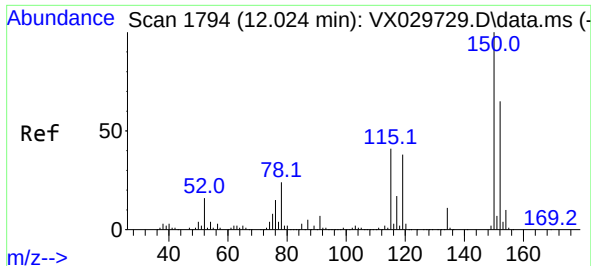
Tgt Ion:117 Resp: 334840
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 32.4 24.8 37.2



#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

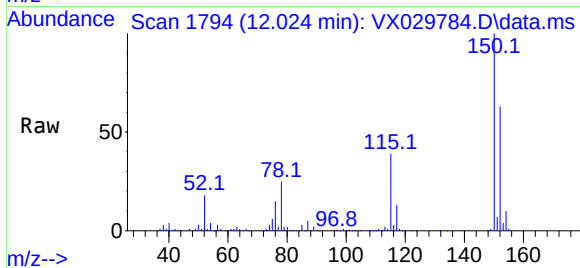
Tgt Ion:106 Resp: 965
Ion Ratio Lower Upper
106 100
91 190.5 160.4 240.6



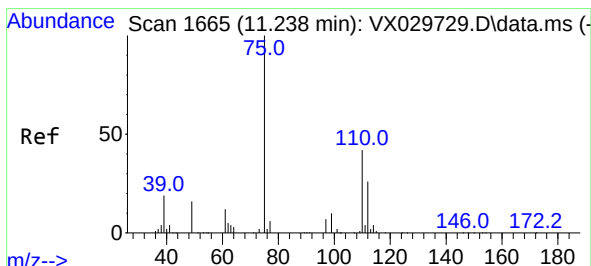
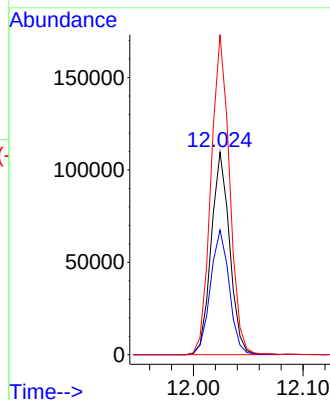
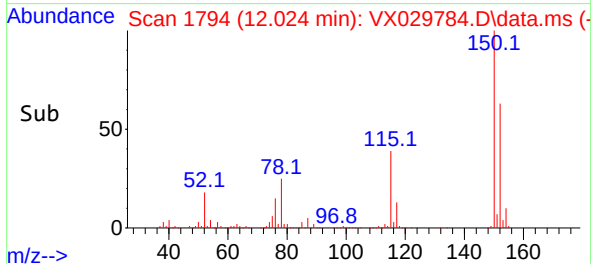


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

Instrument :
MSVOA_X
ClientSampleId :
BP-MW17411-TB-20220621

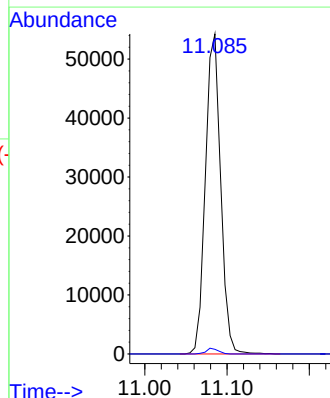
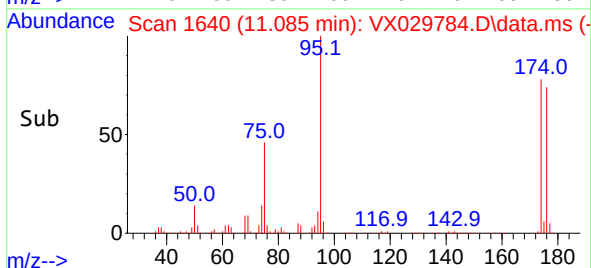
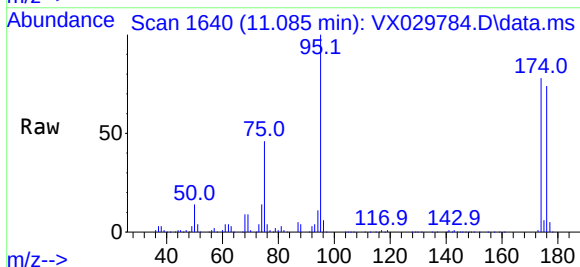


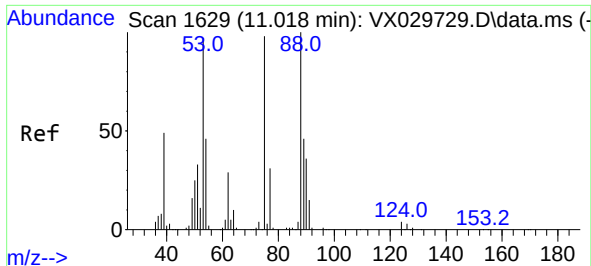
Tgt Ion:152 Resp: 127999
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 159.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.081 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029784.D
Acq: 24 Jun 2022 18:40

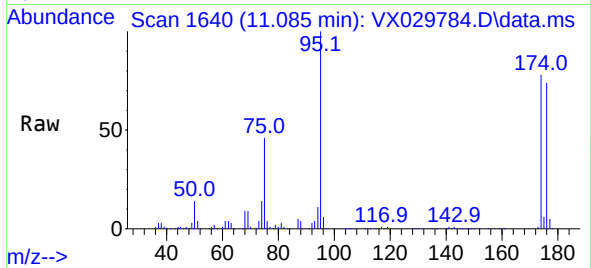
Tgt Ion: 75 Resp: 69937
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.438 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029784.D
 Acq: 24 Jun 2022 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW17411-TB-20220621



Tgt Ion: 75 Resp: 69937
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

