

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028335.D
 Acq On : 25 Apr 2022 18:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 26 08:14:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

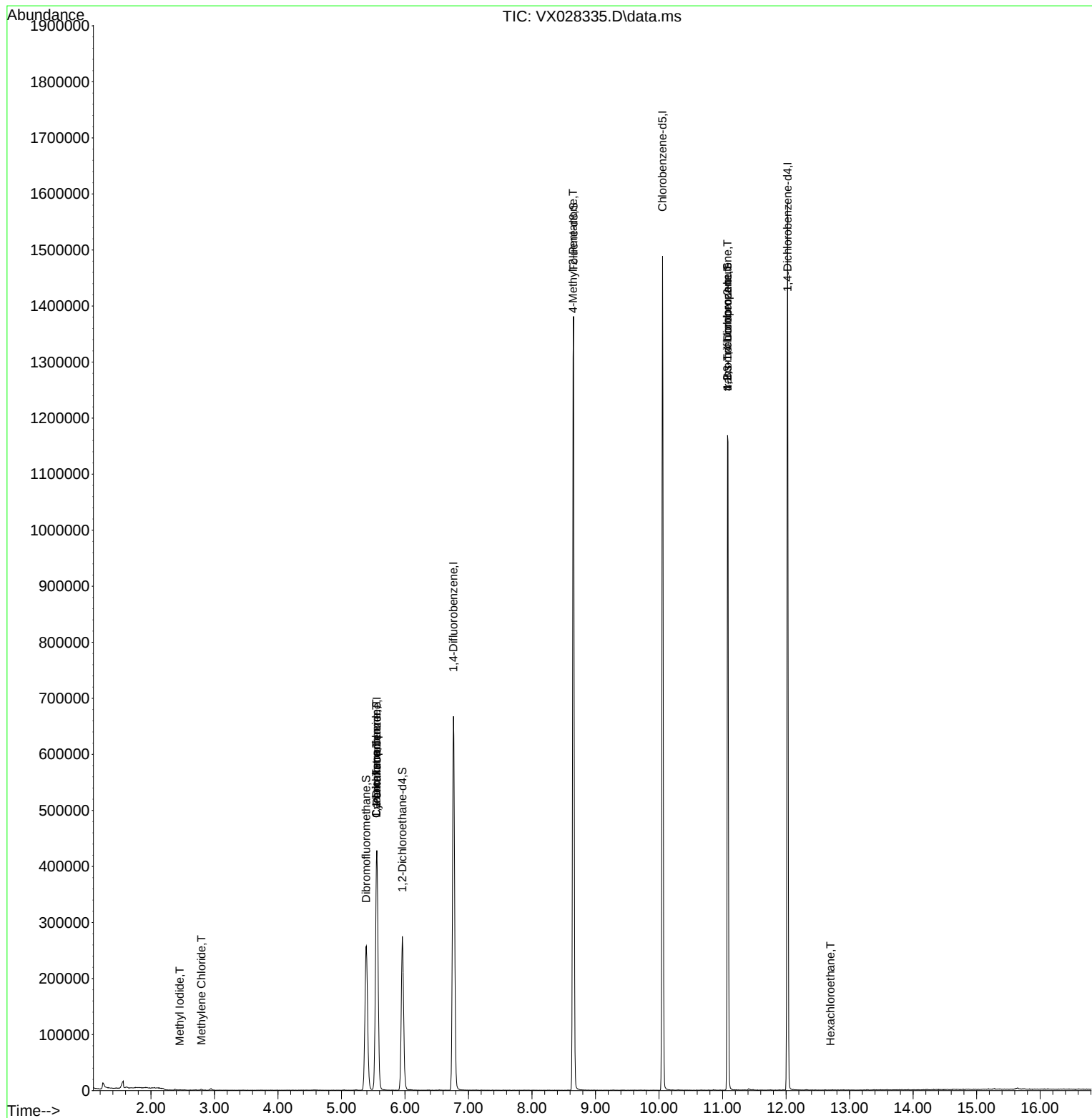
Internal Standards						
1) Pentafluorobenzene	5.556	168	417620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	715071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	683249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	319262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	250423	45.989	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.980%
35) Dibromofluoromethane	5.385	113	224103	44.689	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.380%
50) Toluene-d8	8.653	98	839476	43.585	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.180%
62) 4-Bromofluorobenzene	11.079	95	307781	41.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	517	Below Cal		90
5) Bromomethane	1.618	94	1044	Below Cal		98
6) Chloroethane	1.685	64	894	Below Cal	#	52
10) Methyl Iodide	2.453	142	827	5.395 ug/l	#	87
11) Tert butyl alcohol	2.947	59	1601	Below Cal	#	72
16) Acetone	2.374	43	1692	Below Cal		89
20) Methylene Chloride	2.794	84	877	0.217 ug/l	#	72
31) Cyclohexane	5.550	56	8065	1.216 ug/l	#	5
36) 1,1-Dichloropropene	5.550	75	31026	4.743 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	41844	5.667 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.647	43	3413	0.492 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	154352	24.566 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	154352	73.002 ug/l	#	15
90) Hexachloroethane	12.701	117	20	1.819 ug/l	#	10

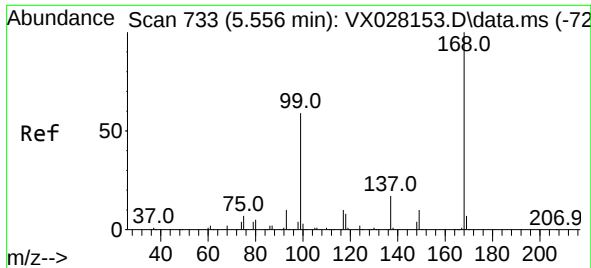
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
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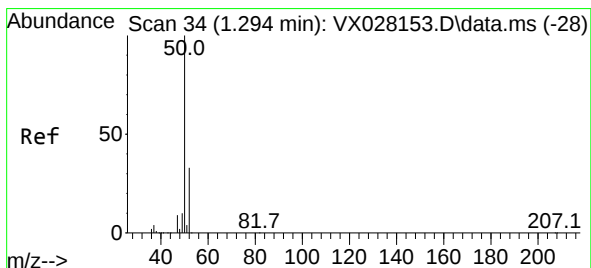
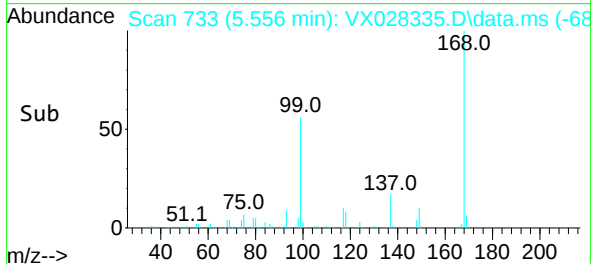
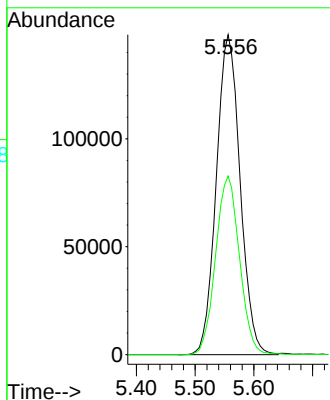
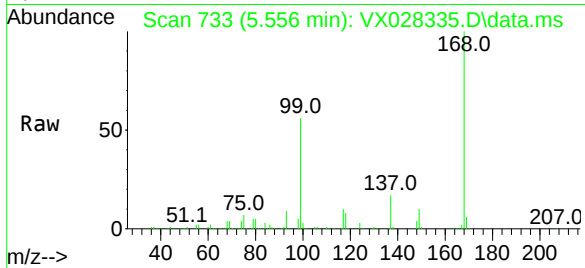




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

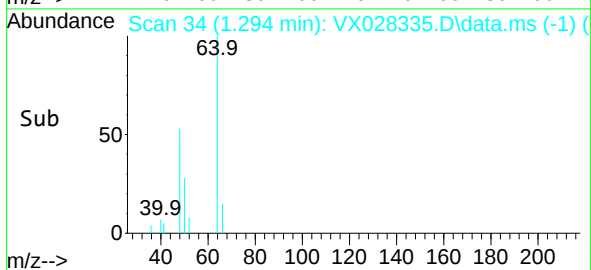
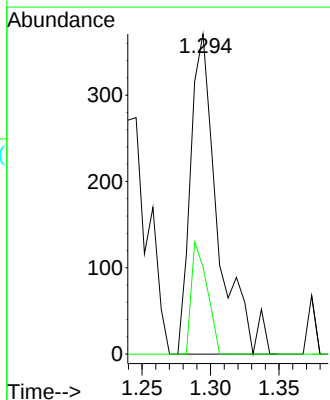
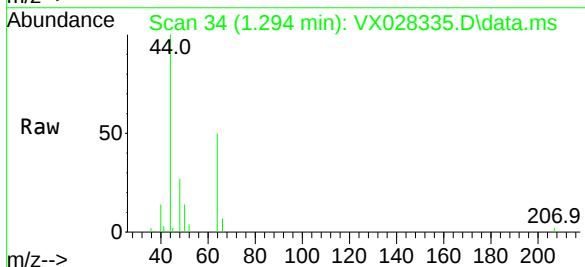
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 417620
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 27.2 26.4 39.6

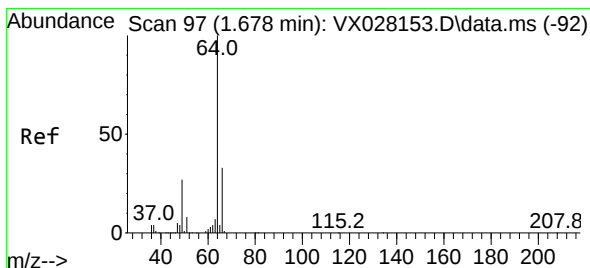
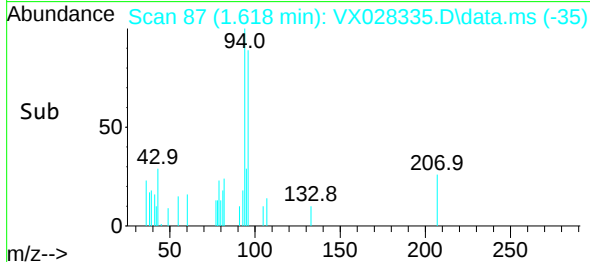
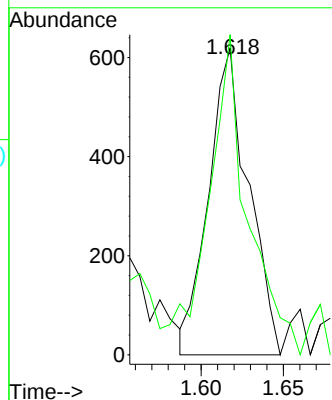
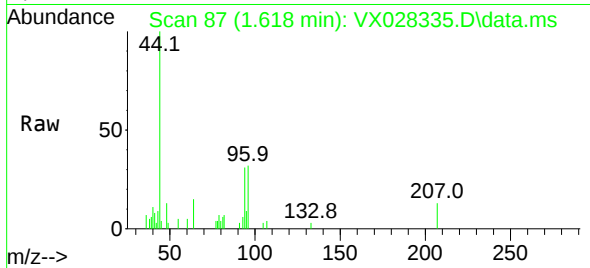




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

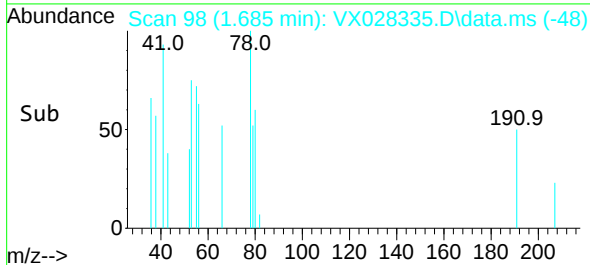
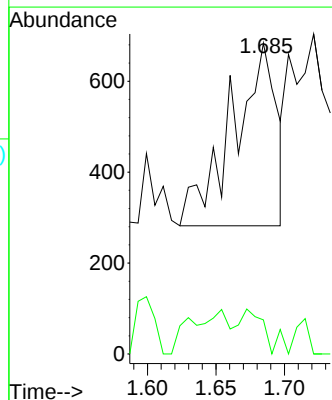
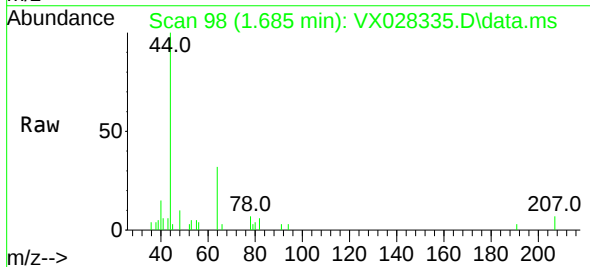
Instrument :
MSVOA_X
ClientSampleId :
IBLK

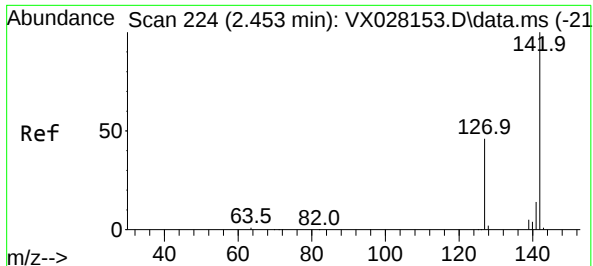
Tgt Ion: 94 Resp: 1044
Ion Ratio Lower Upper
94 100
96 92.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

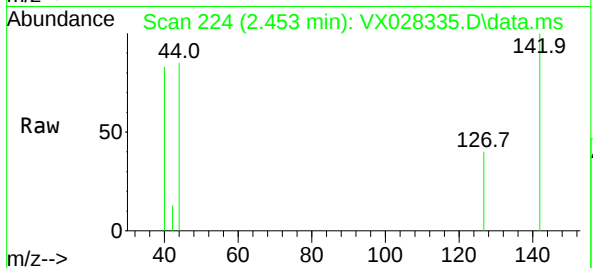
Tgt Ion: 64 Resp: 894
Ion Ratio Lower Upper
64 100
66 5.2 25.3 37.9#



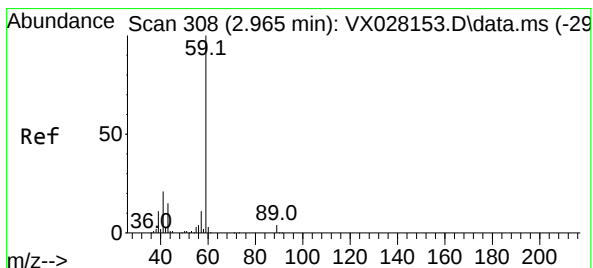
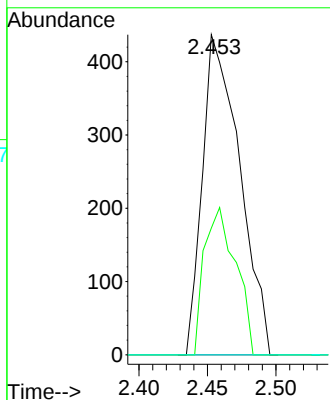
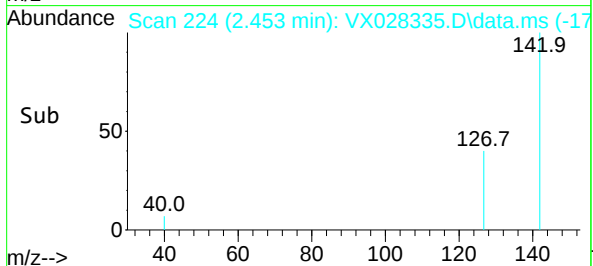


#10
Methyl Iodide
Concen: 5.395 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :
IBLK

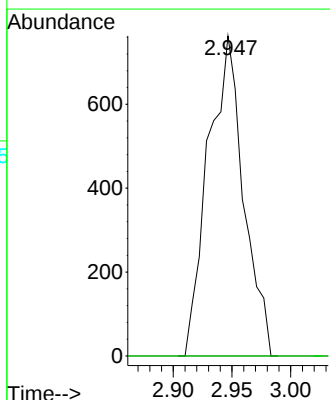
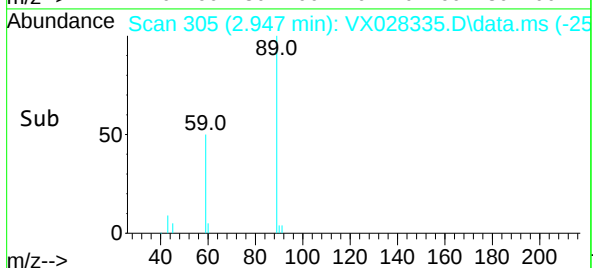
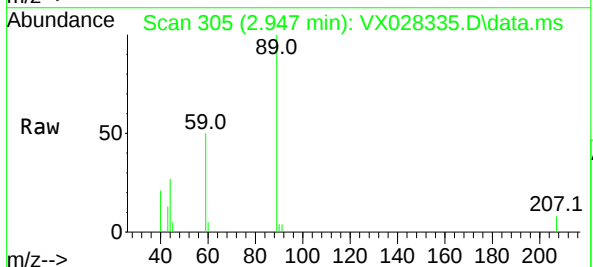


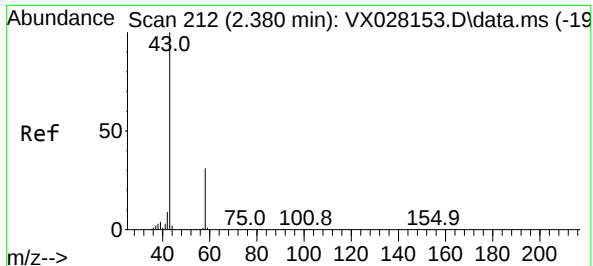
Tgt Ion:142 Resp: 827
Ion Ratio Lower Upper
142 100
127 38.8 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 59 Resp: 1601
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

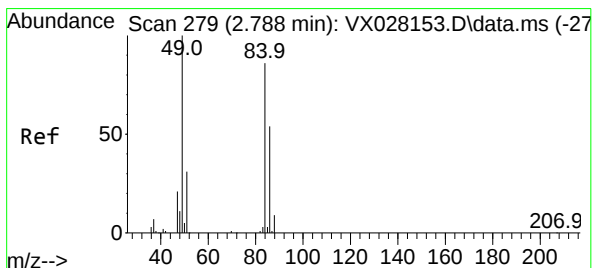
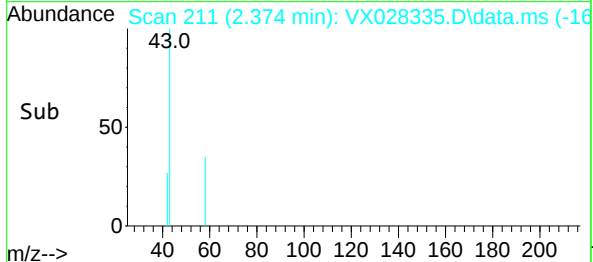
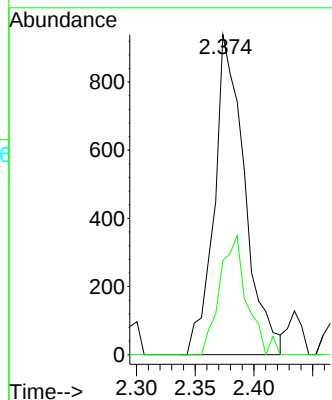
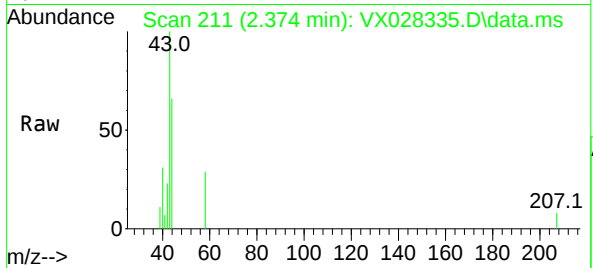




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

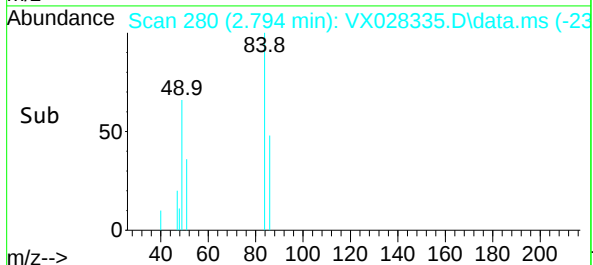
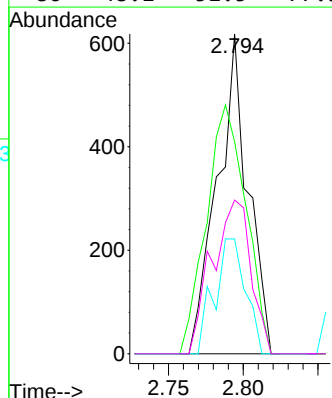
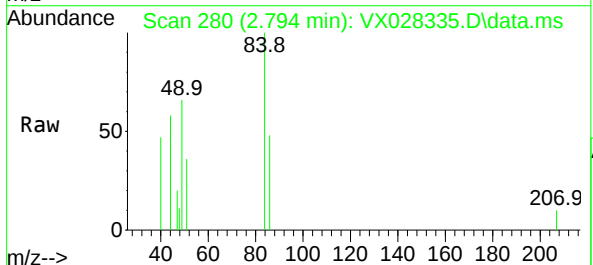
Instrument :
MSVOA_X
ClientSampleId :
IBLK

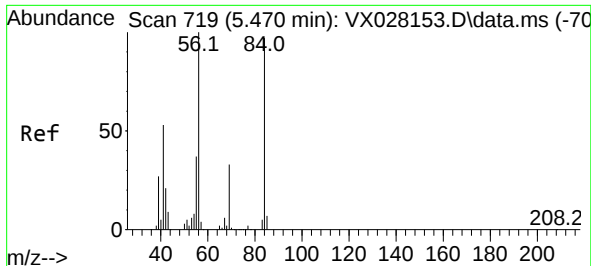
Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
58 29.4 28.8 43.2



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
49 66.3 85.5 128.3#
51 35.9 26.6 39.8
86 48.1 51.5 77.3#

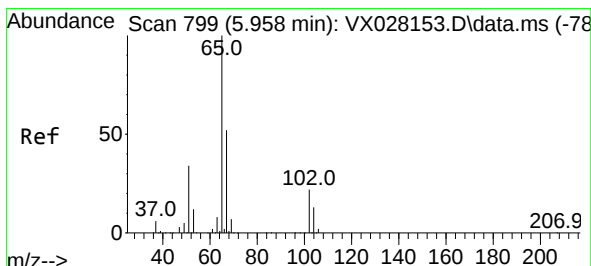
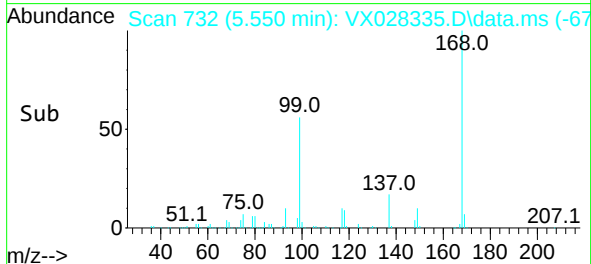
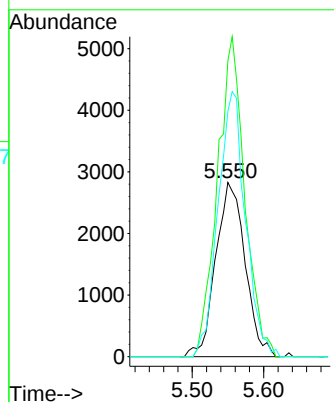
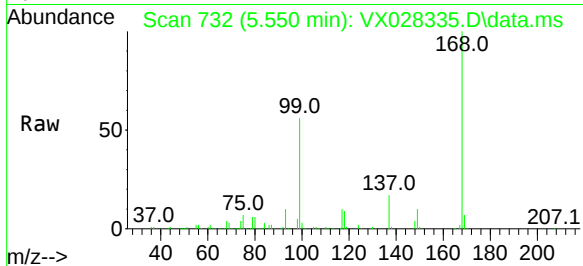




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

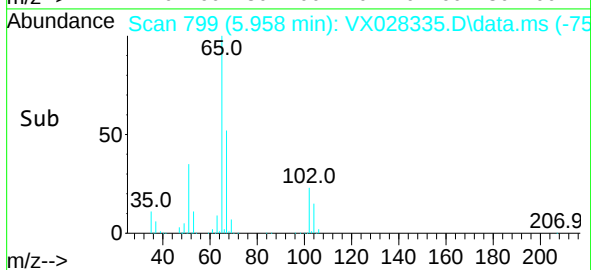
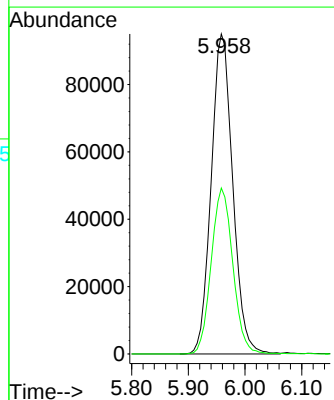
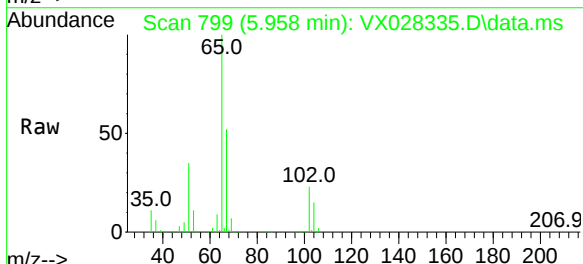
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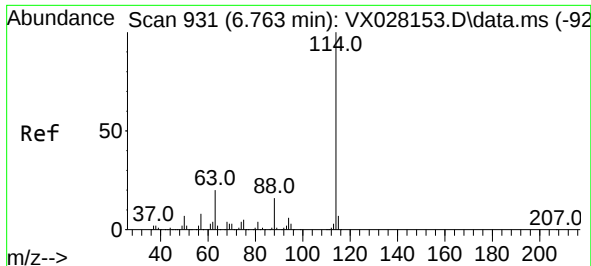
Tgt Ion: 56 Resp: 8065
Ion Ratio Lower Upper
56 100
69 169.8 26.7 40.1#
84 140.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 65 Resp: 250423
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

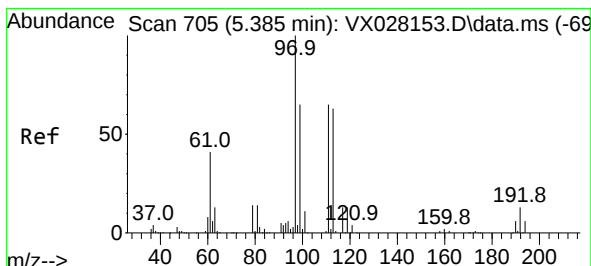
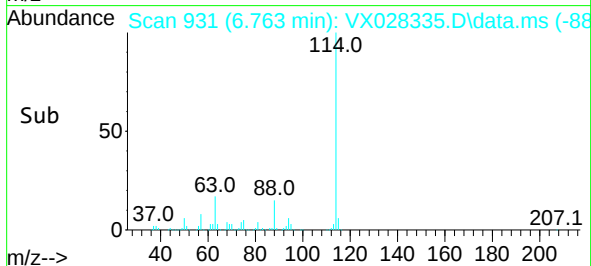
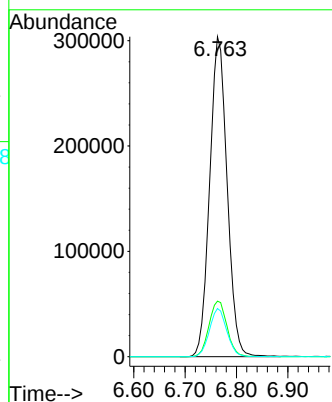
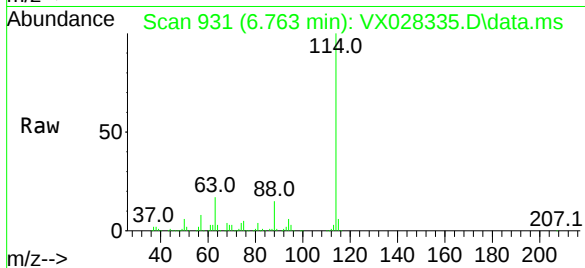




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

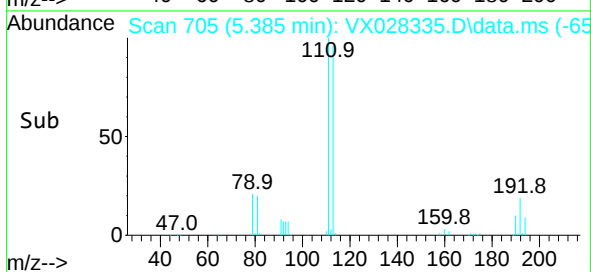
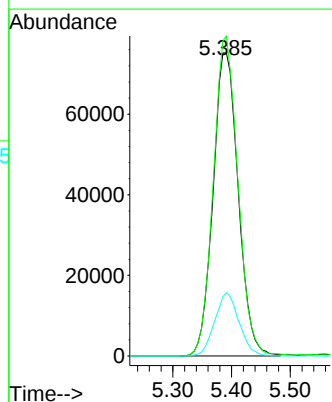
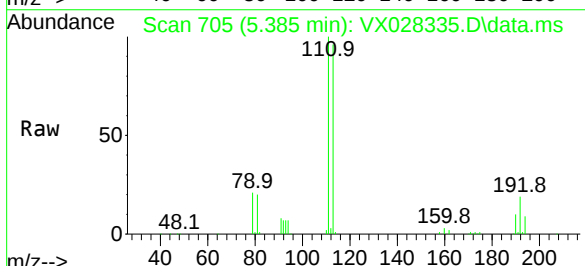
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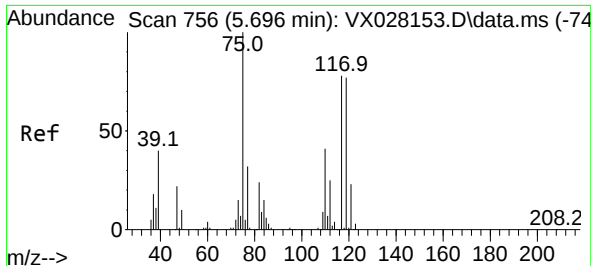
Tgt Ion:114 Resp: 715071
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.689 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion:113 Resp: 224103
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.1 16.9 25.3

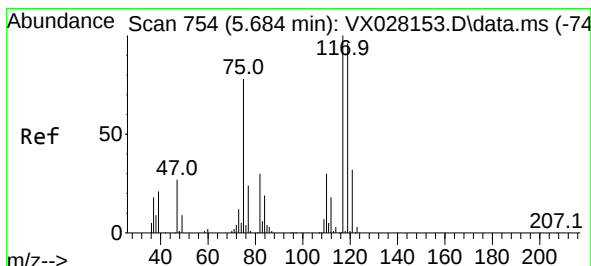
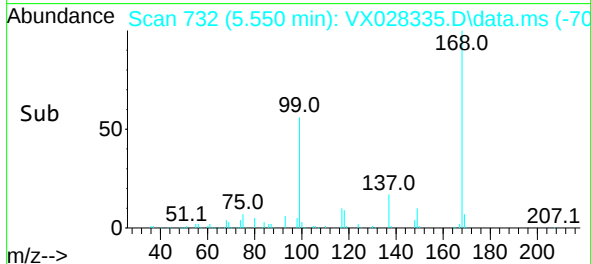
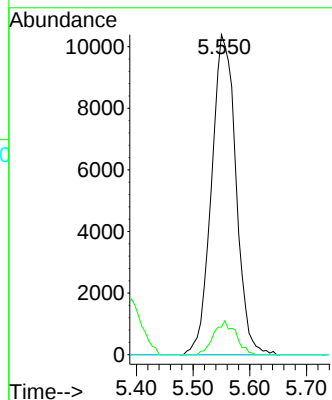
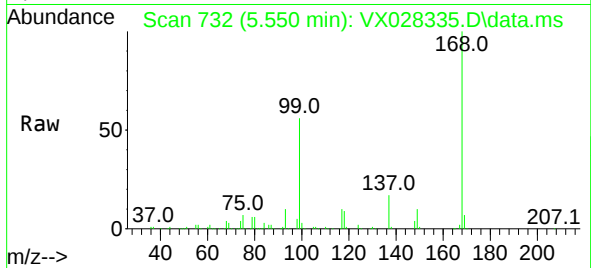




#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

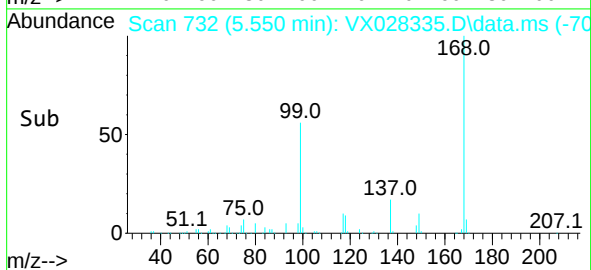
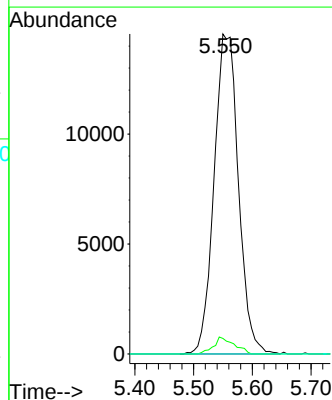
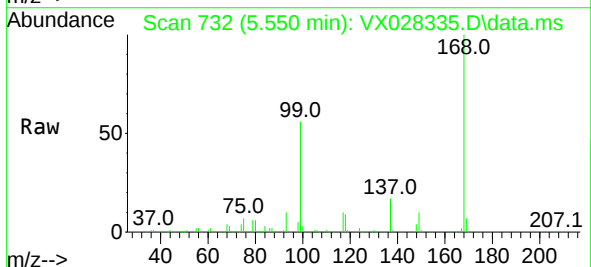
Instrument :
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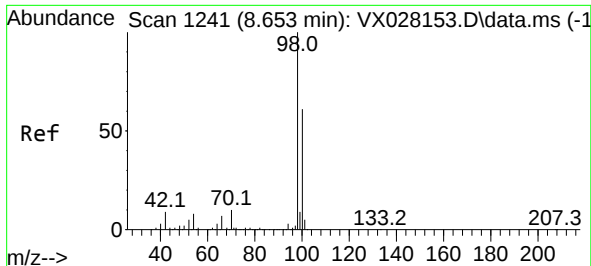
Tgt Ion: 75 Resp: 31026
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 117 Resp: 41844
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

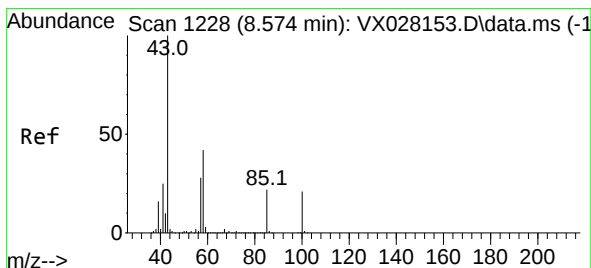
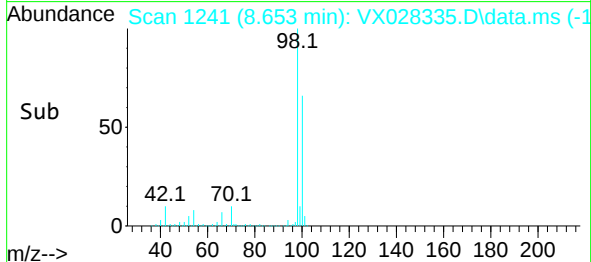
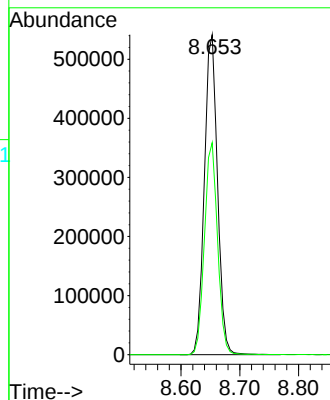
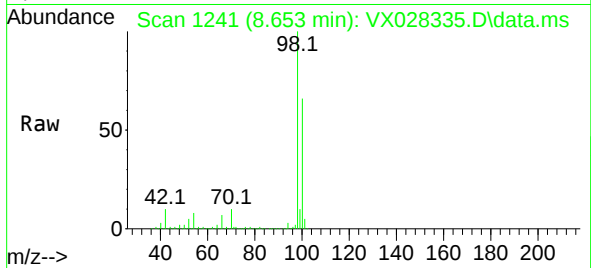




#50
Toluene-d8
Concen: 43.585 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

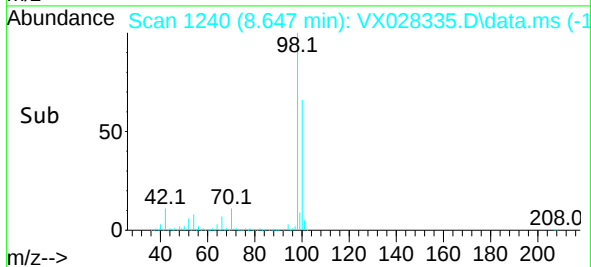
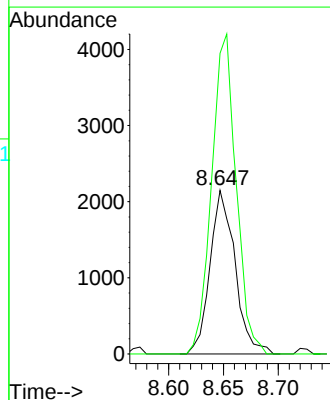
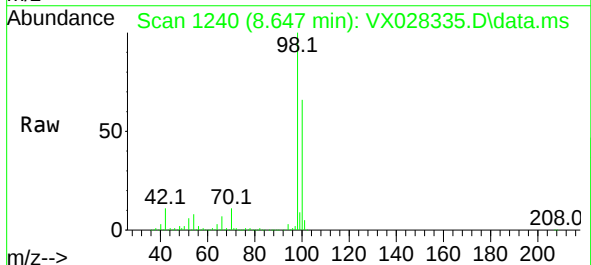
Instrument :
MSVOA_X
ClientSampleId :
IBLK

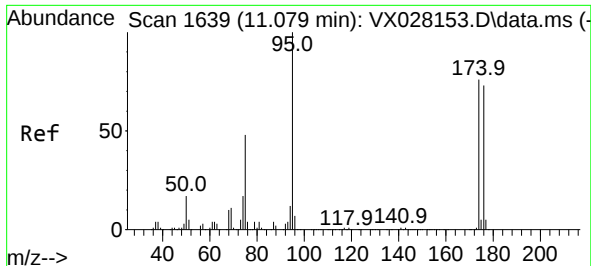
Tgt Ion: 98 Resp: 839476
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
58 191.4 36.1 54.1#





#62

4-Bromofluorobenzene

Concen: 41.793 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028335.D

Acq: 25 Apr 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

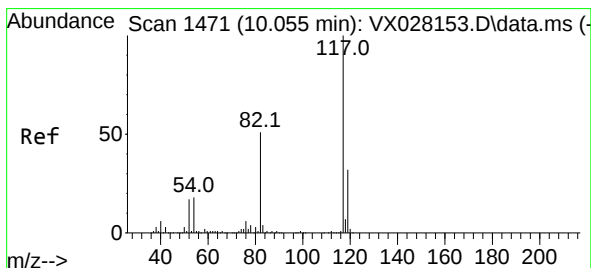
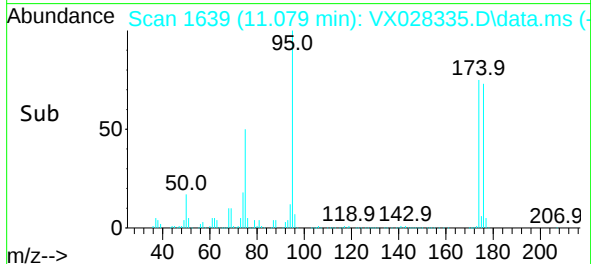
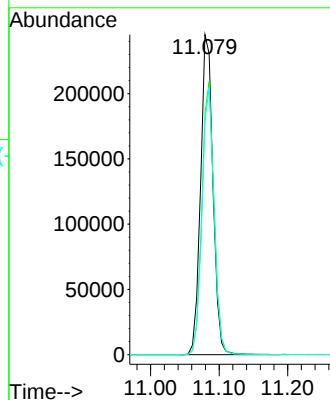
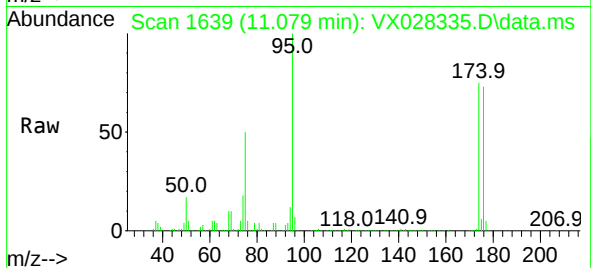
Tgt Ion: 95 Resp: 307781

Ion Ratio Lower Upper

95 100

174 84.5 0.0 163.0

176 81.9 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: VX028335.D

Acq: 25 Apr 2022 18:45

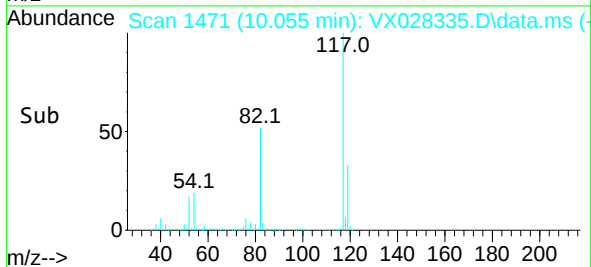
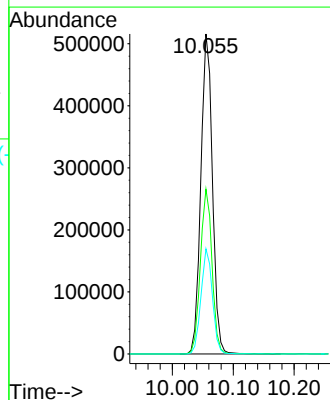
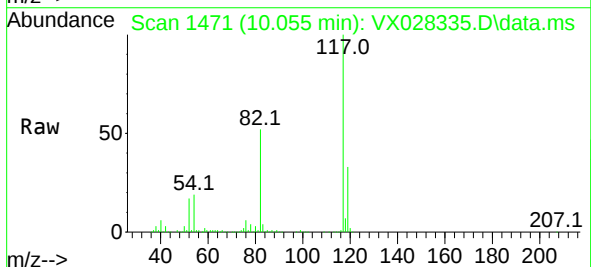
Tgt Ion: 117 Resp: 683249

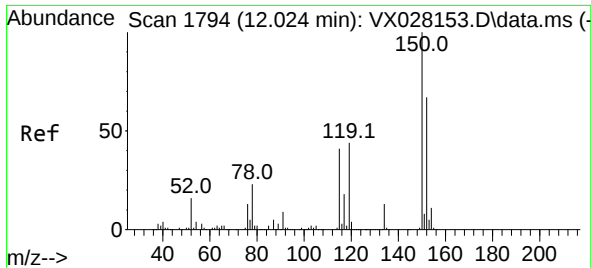
Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

119 32.9 24.8 37.2

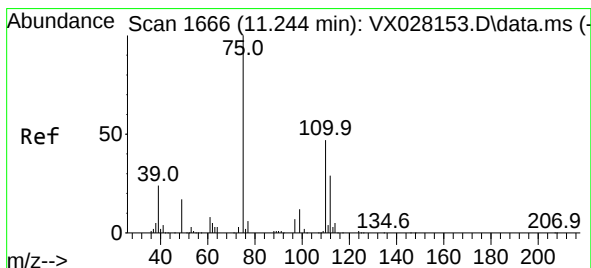
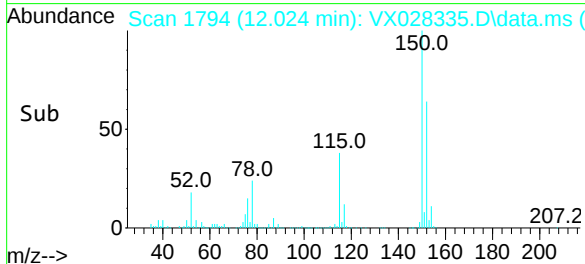
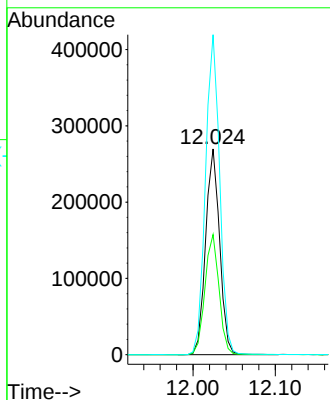
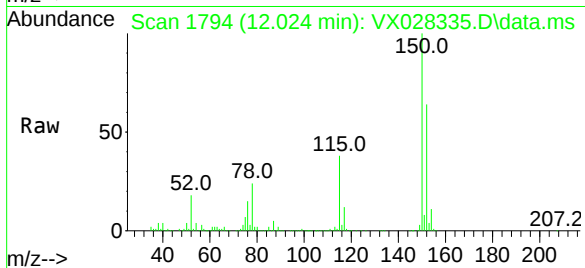




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028335.D
 Acq: 25 Apr 2022 18:45

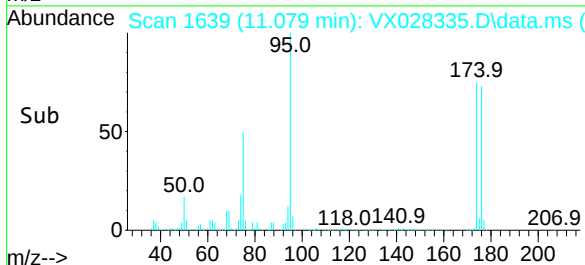
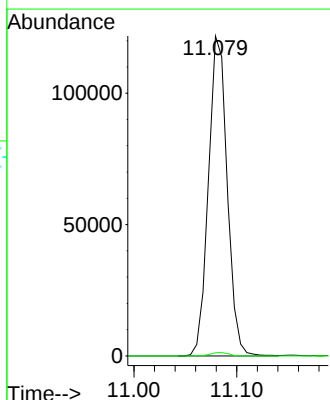
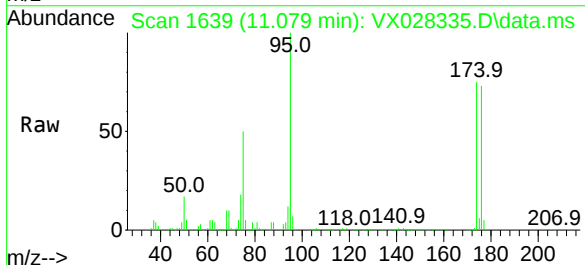
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

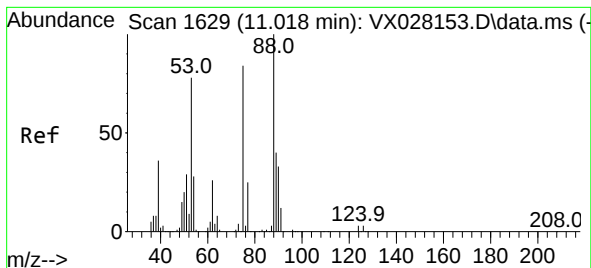
Tgt Ion:152 Resp: 319262
 Ion Ratio Lower Upper
 152 100
 115 58.8 37.5 112.7
 150 157.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.566 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028335.D
 Acq: 25 Apr 2022 18:45

Tgt Ion: 75 Resp: 154352
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

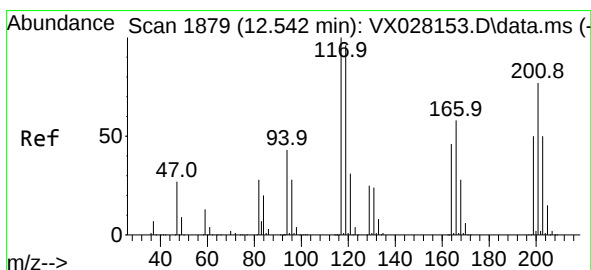
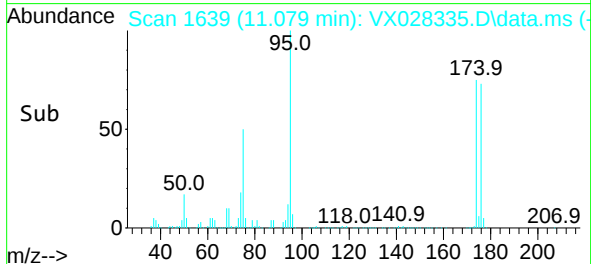
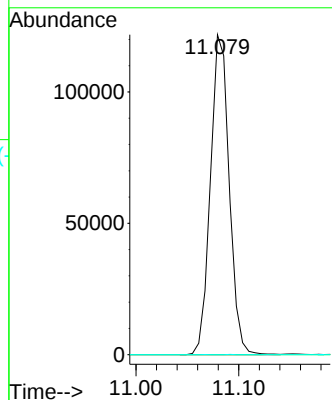
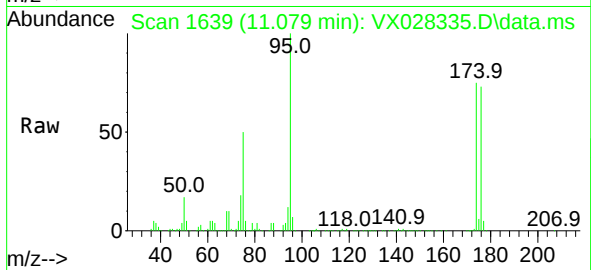




#81
trans-1,4-Dichloro-2-butene
Concen: 73.002 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 154352
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.819 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX028335.D
Acq: 25 Apr 2022 18:45

Tgt Ion: 117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

