

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021694.D
 Acq On : 31 Mar 2021 18:34
 Operator : JC/MD
 Sample : PB135444TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB135444TB

Quant Time: Apr 01 03:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

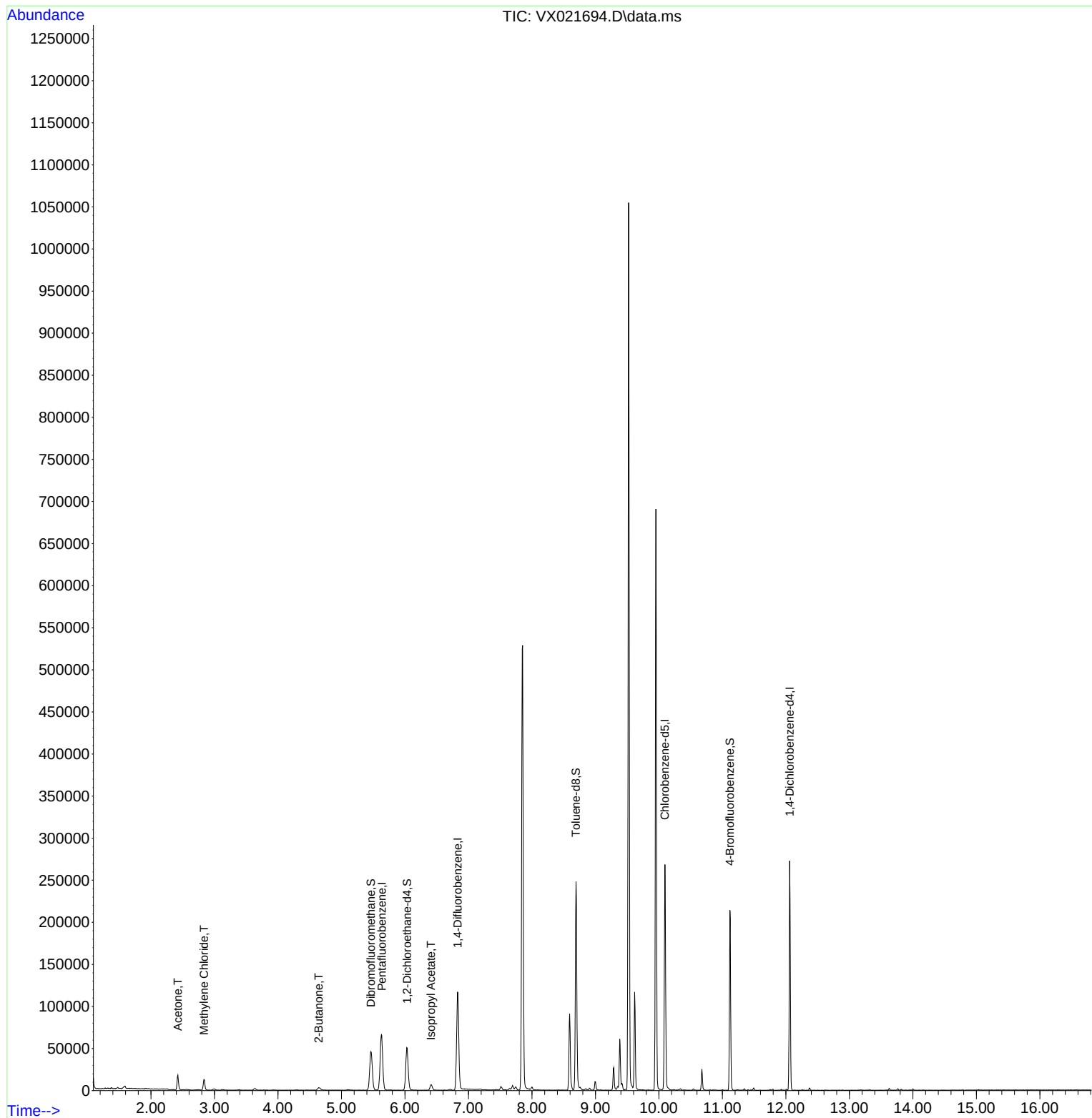
Internal Standards						
1) Pentafluorobenzene	5.635	168	58447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50154	51.57	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.14%		
35) Dibromofluoromethane	5.464	113	39120	50.41	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.82%		
50) Toluene-d8	8.694	98	140241	50.71	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.42%		
62) 4-Bromofluorobenzene	11.118	95	54985	51.14	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.28%		
Target Compounds						
						Qvalue
16) Acetone	2.423	43	18169	49.41	ug/l #	86
20) Methylene Chloride	2.834	84	5416	7.55	ug/l #	83
25) 2-Butanone	4.640	43	3523	6.32	ug/l #	87
43) Isopropyl Acetate	6.411	43	8735	4.35	ug/l #	89

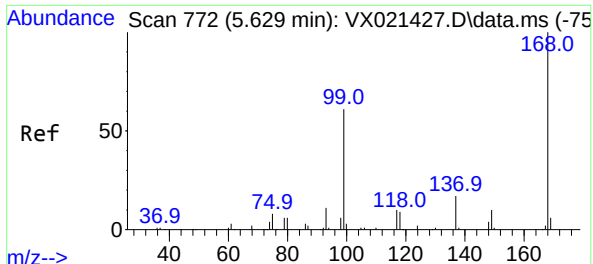
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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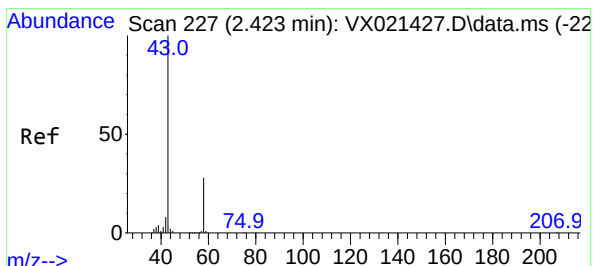
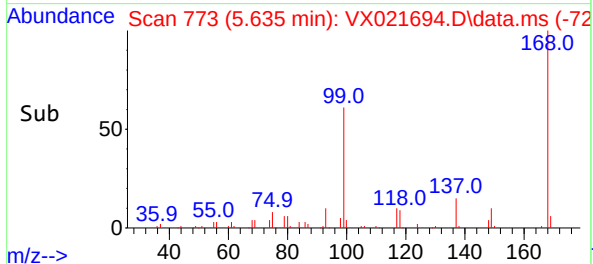
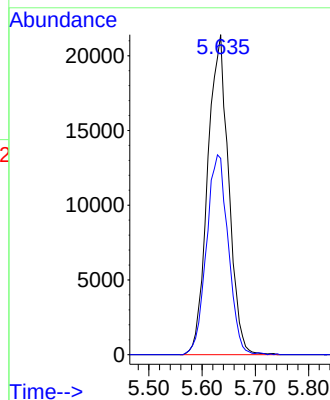
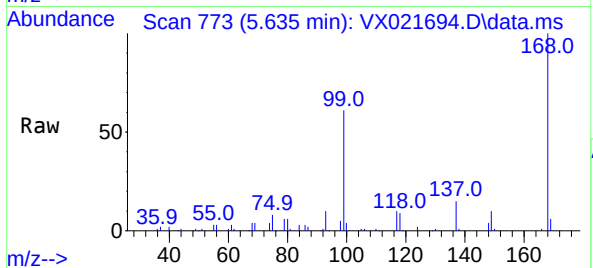




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021694.D
Acq: 31 Mar 2021 18:34

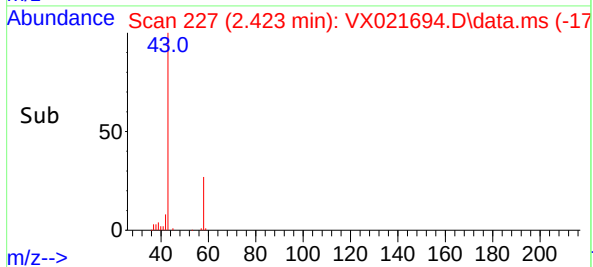
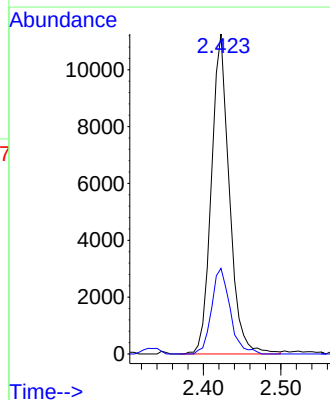
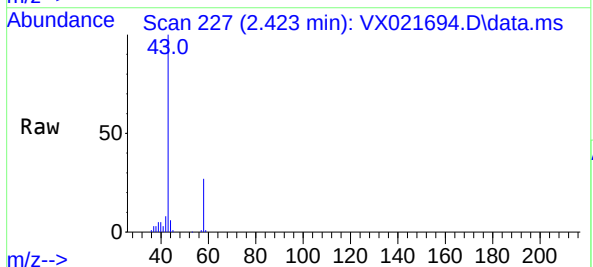
Instrument :
MSVOA_X
ClientSampleId :
PB135444TB

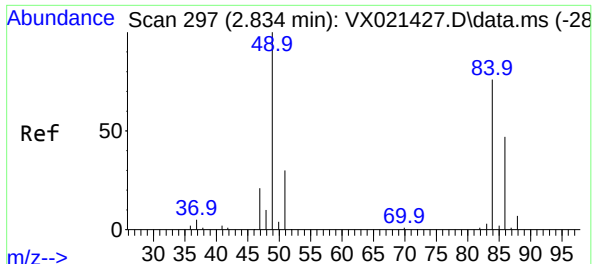
Tgt Ion:168 Resp: 58447
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#16
Acetone
Concen: 49.41 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021694.D
Acq: 31 Mar 2021 18:34

Tgt Ion: 43 Resp: 18169
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#





#20

Methylene Chloride

Concen: 7.55 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021694.D

Acq: 31 Mar 2021 18:34

Tgt Ion: 84 Resp: 5416

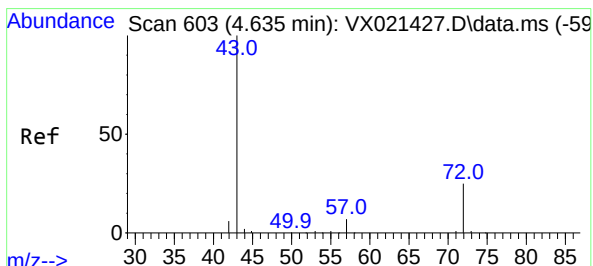
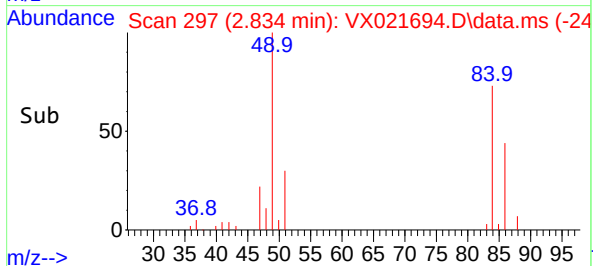
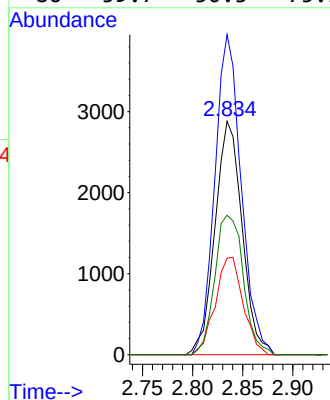
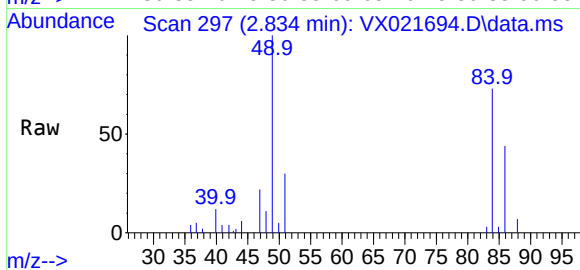
Ion Ratio Lower Upper

84 100

49 137.1 88.6 132.8#

51 41.3 27.0 40.6#

86 59.7 50.3 75.5



#25

2-Butanone

Concen: 6.32 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.005 min

Lab File: VX021694.D

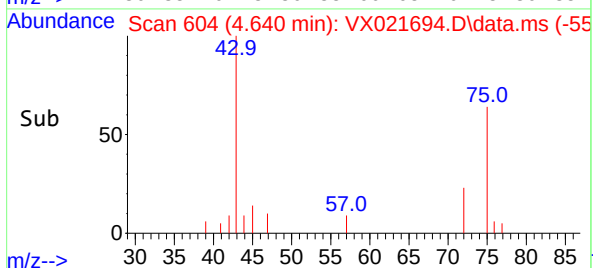
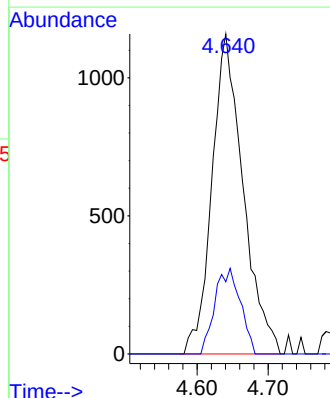
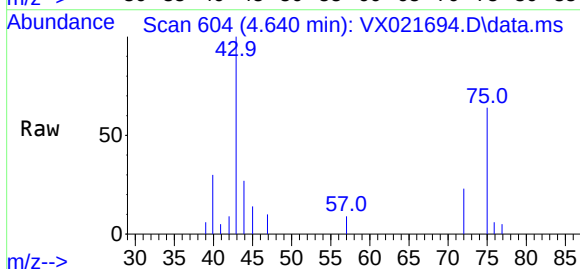
Acq: 31 Mar 2021 18:34

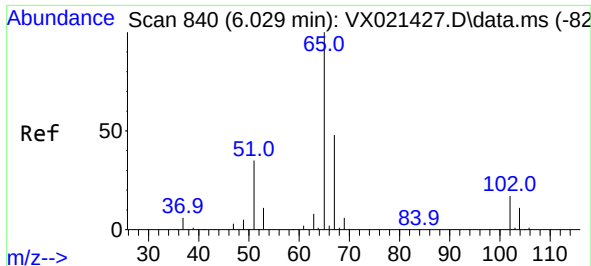
Tgt Ion: 43 Resp: 3523

Ion Ratio Lower Upper

43 100

72 22.5 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 51.57 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.006 min

Lab File: VX021694.D

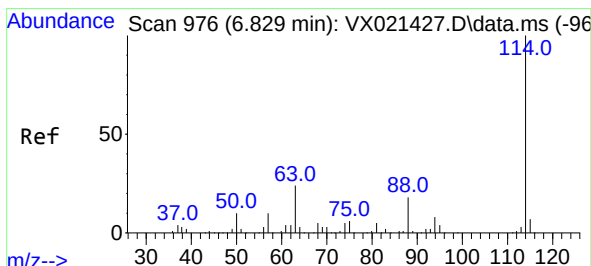
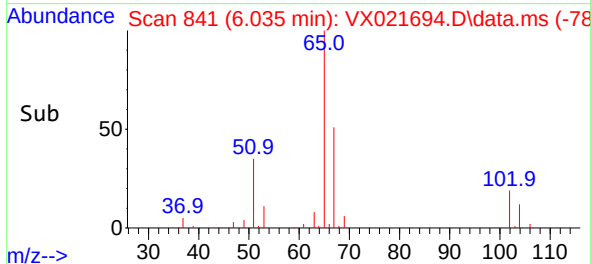
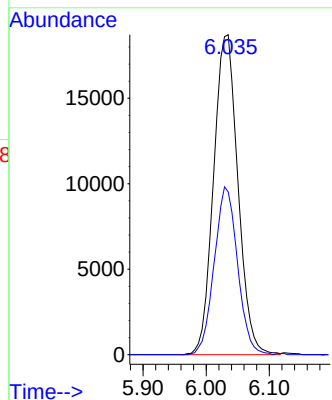
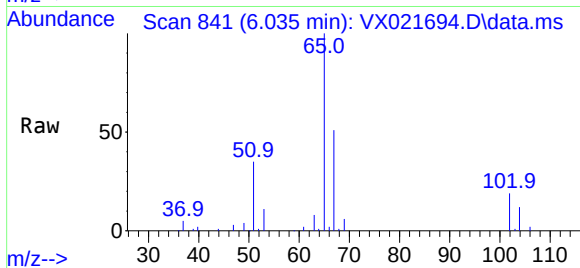
Acq: 31 Mar 2021 18:34

Tgt Ion: 65 Resp: 50154

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021694.D

Acq: 31 Mar 2021 18:34

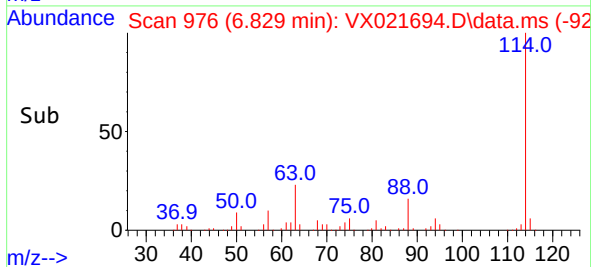
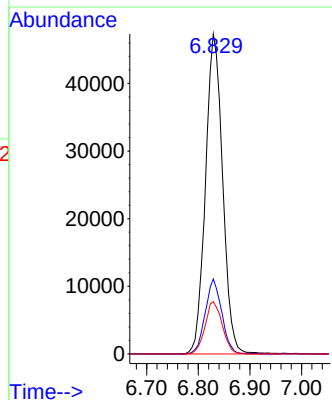
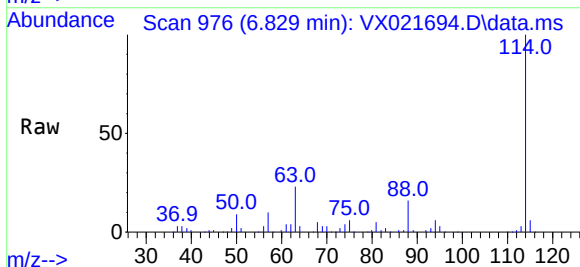
Tgt Ion: 114 Resp: 109260

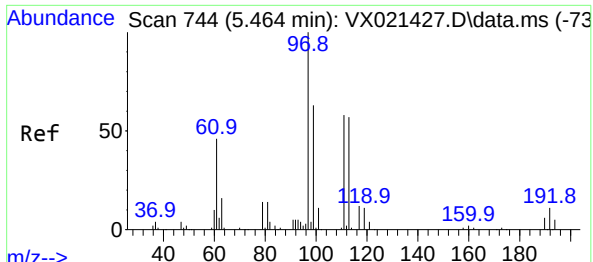
Ion Ratio Lower Upper

114 100

63 23.4 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.41 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021694.D

Acq: 31 Mar 2021 18:34

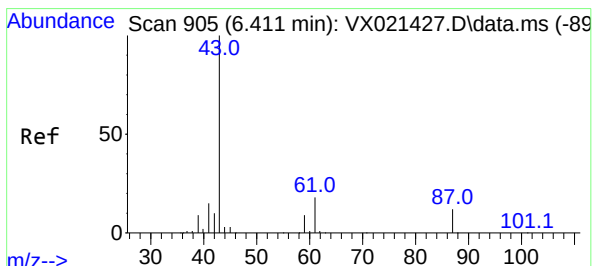
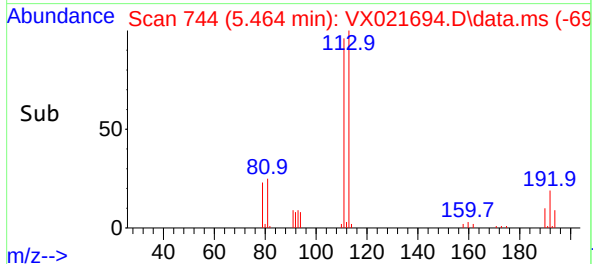
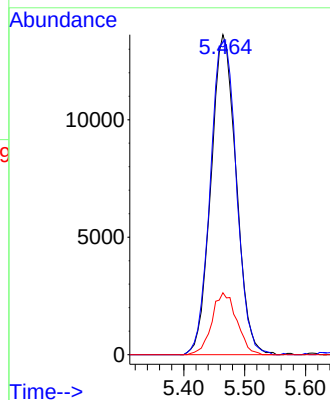
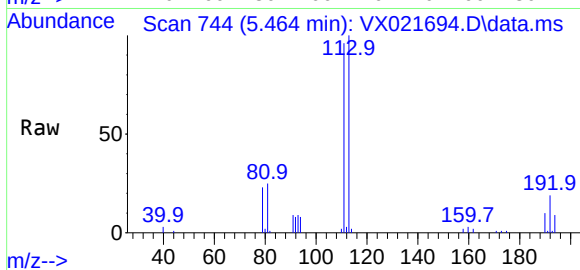
Tgt Ion:113 Resp: 39120

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 19.1 16.7 25.1



#43

Isopropyl Acetate

Concen: 4.35 ug/l

RT: 6.411 min Scan# 905

Delta R.T. 0.000 min

Lab File: VX021694.D

Acq: 31 Mar 2021 18:34

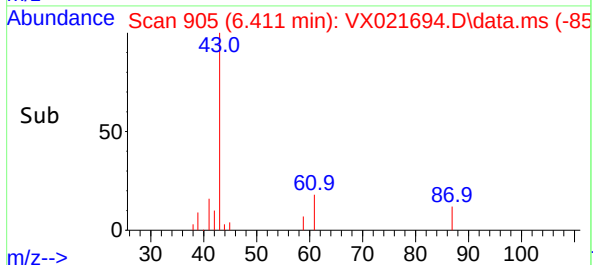
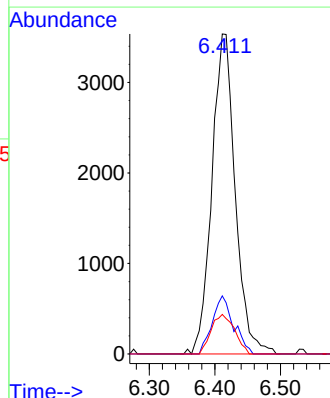
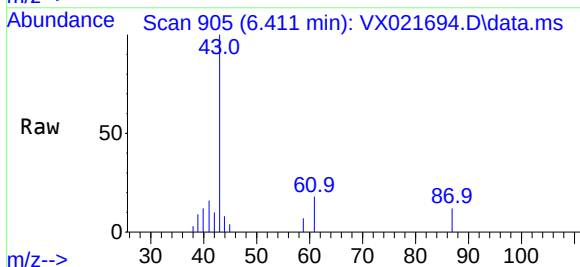
Tgt Ion: 43 Resp: 8735

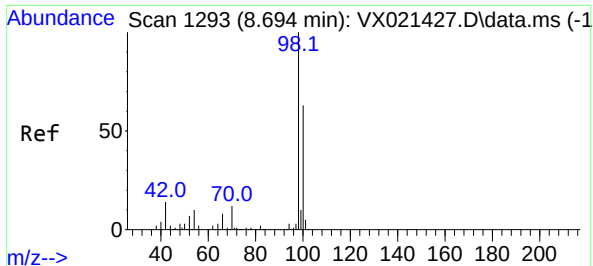
Ion Ratio Lower Upper

43 100

61 16.6 18.2 27.4#

87 12.4 12.5 18.7#

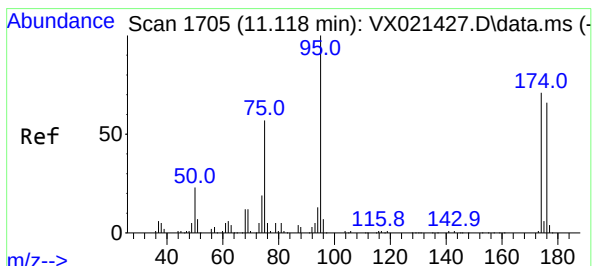
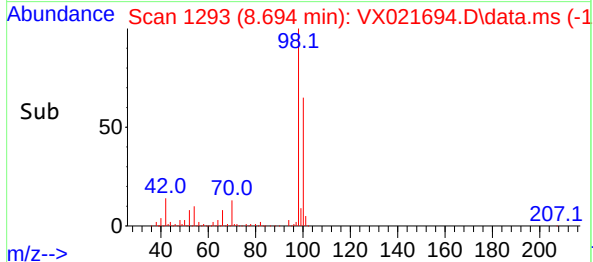
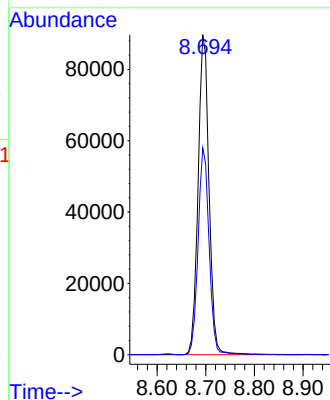
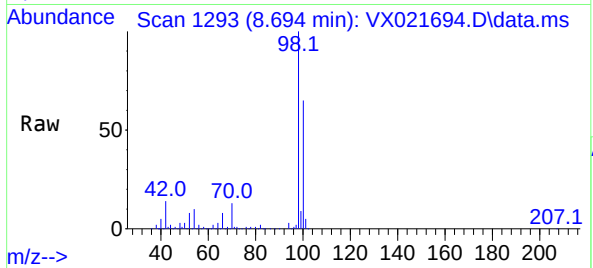




#50
Toluene-d8
Concen: 50.71 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021694.D
Acq: 31 Mar 2021 18:34

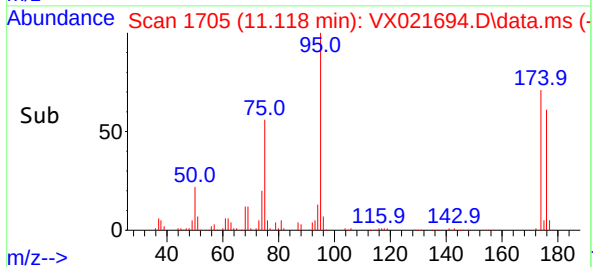
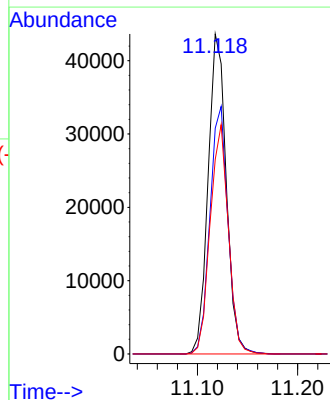
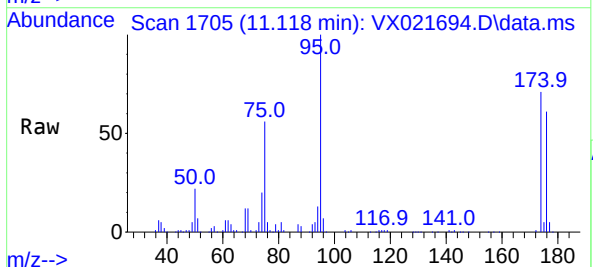
Instrument :
MSVOA_X
ClientSampleId :
PB135444TB

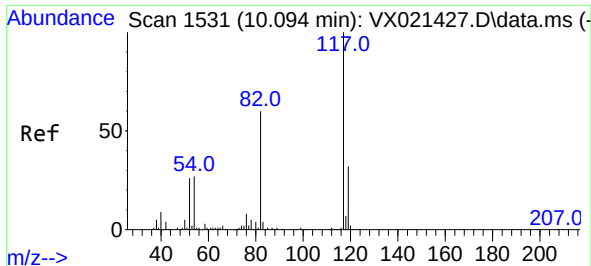
Tgt Ion: 98 Resp: 140241
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021694.D
Acq: 31 Mar 2021 18:34

Tgt Ion: 95 Resp: 54985
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 71.7 0.0 155.8

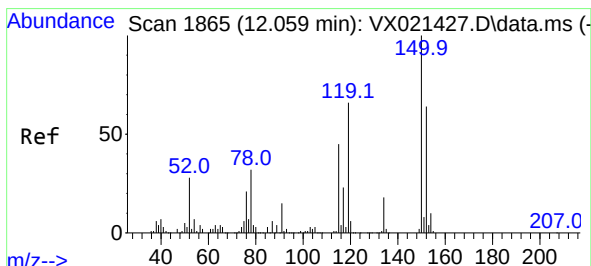
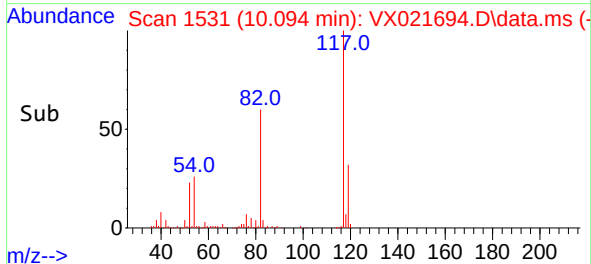
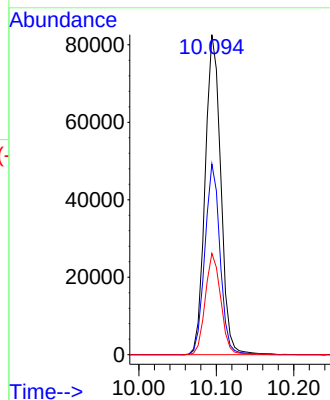
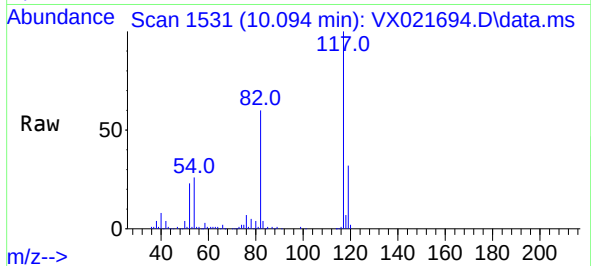




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021694.D
Acq: 31 Mar 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
PB135444TB

Tgt Ion:117 Resp: 115862
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021694.D
Acq: 31 Mar 2021 18:34

Tgt Ion:152 Resp: 49499
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 156.7 0.0 349.0

