

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022983.D
 Acq On : 28 Jun 2021 17:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 29 03:07:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

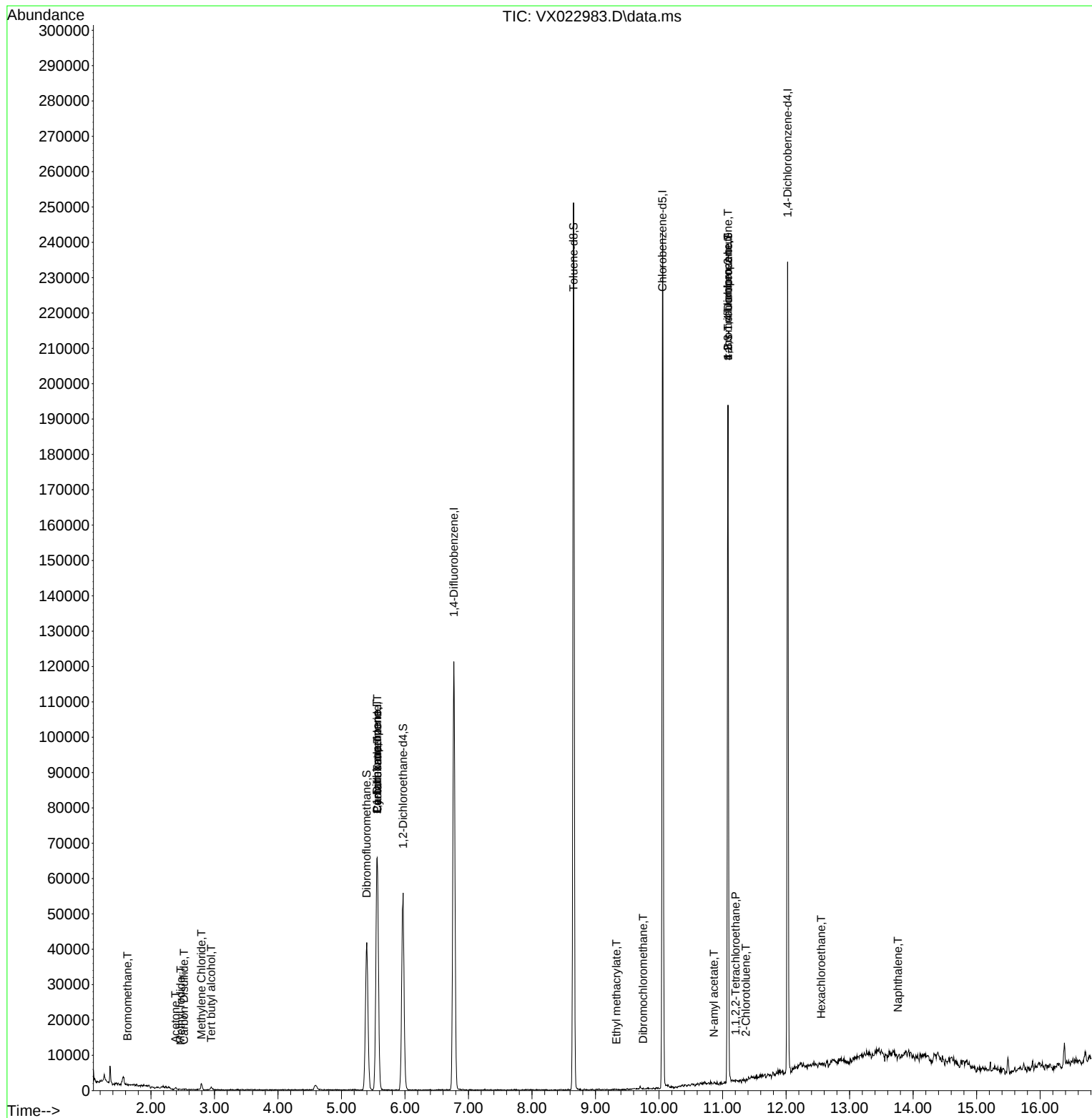
Internal Standards						
1) Pentafluorobenzene	5.562	168	54966	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	49298	49.421	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.840%		
35) Dibromofluoromethane	5.397	113	35167	49.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	8.653	98	138538	49.950	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.085	95	49757	48.070	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.140%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	98	0.226	ug/l #	45
10) Methyl Iodide	2.465	142	123	4.011	ug/l #	42
11) Tert butyl alcohol	2.946	59	376	1.809	ug/l #	73
16) Acetone	2.385	43	560	1.266	ug/l #	84
17) Carbon Disulfide	2.520	76	123	3.574	ug/l #	75
20) Methylene Chloride	2.794	84	700	1.164	ug/l	89
31) Cyclohexane	5.562	56	1694	1.203	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	5733	4.843	ug/l #	44
38) Carbon Tetrachloride	5.562	117	6698	6.747	ug/l #	15
56) Ethyl methacrylate	9.329	69	29	2.597	ug/l #	1
60) Dibromochloromethane	9.750	129	52	3.709	ug/l #	11
74) N-amyl acetate	10.866	43	192	2.151	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.207	83	242	0.207	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	27459	25.823	ug/l #	40
79) 2-Chlorotoluene	11.366	91	548	0.220	ug/l #	41
81) trans-1,4-Dichloro-2-b...	11.085	75	27459	67.178	ug/l #	12
90) Hexachloroethane	12.554	117	200	4.064	ug/l #	48
95) Naphthalene	13.762	128	51	1.937	ug/l #	1

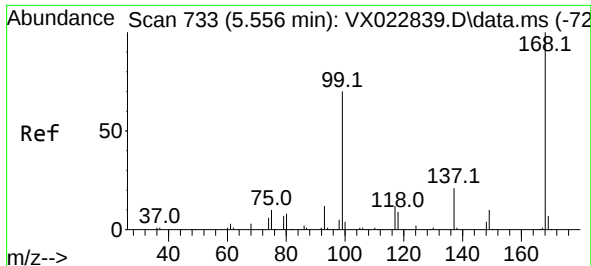
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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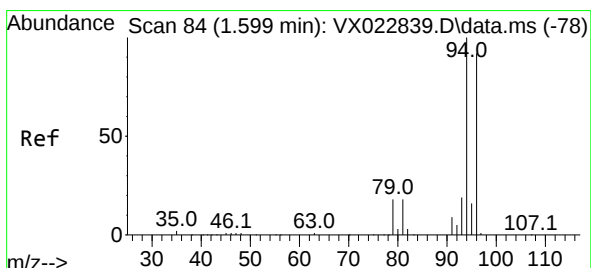
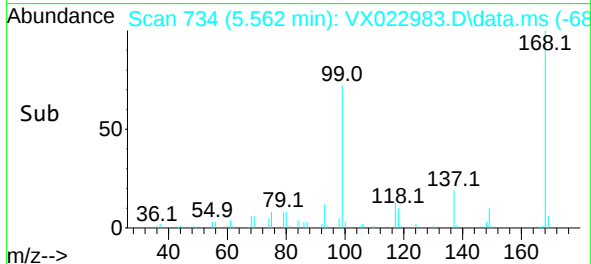
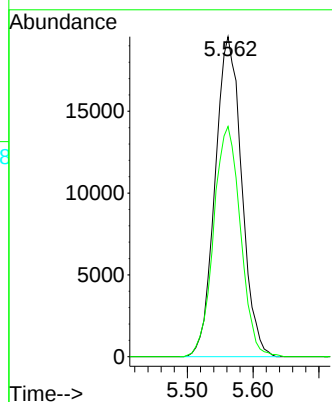
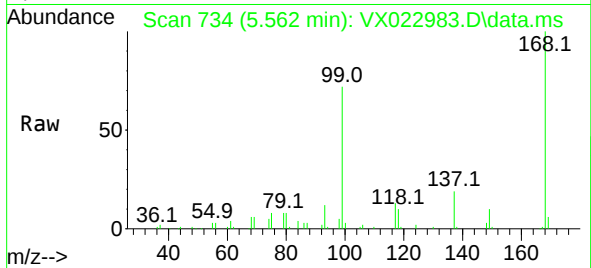




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

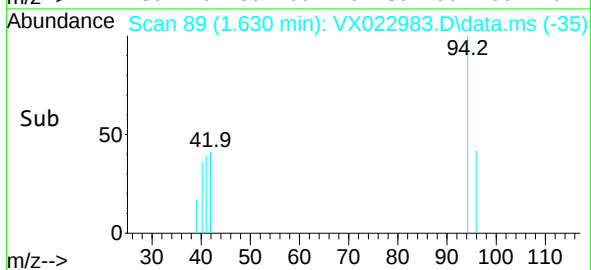
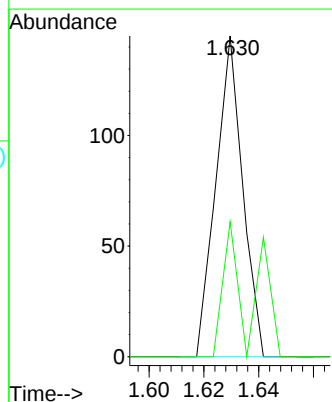
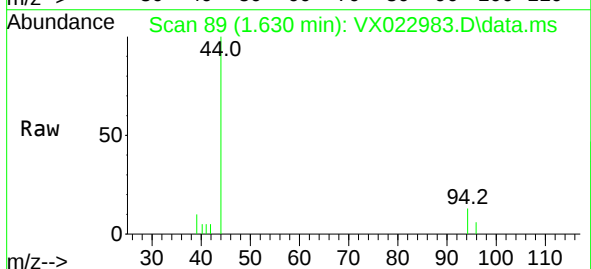
Instrument :
MSVOA_X
ClientSampled :
IBLK

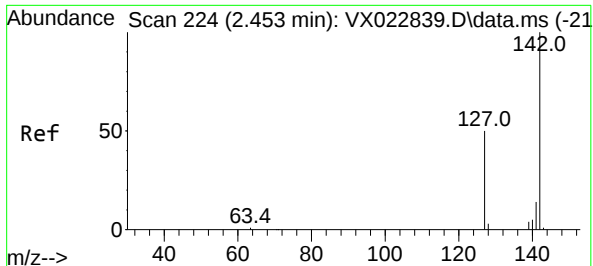
Tgt Ion:168 Resp: 54966
Ion Ratio Lower Upper
168 100
99 72.0 45.8 68.6#



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 42.1 76.4 114.6#

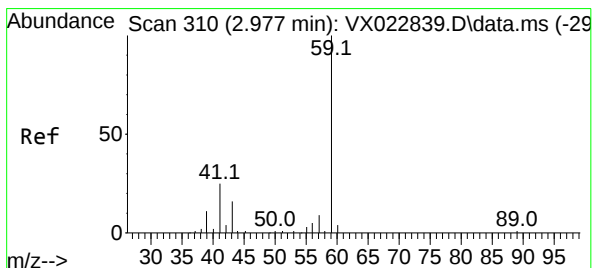
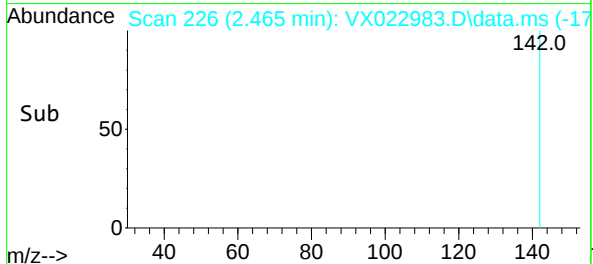
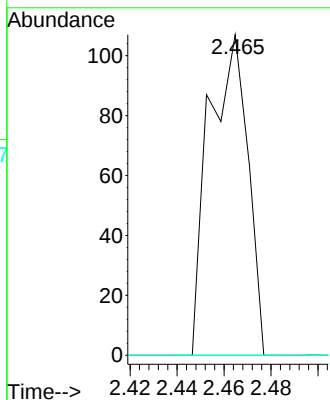
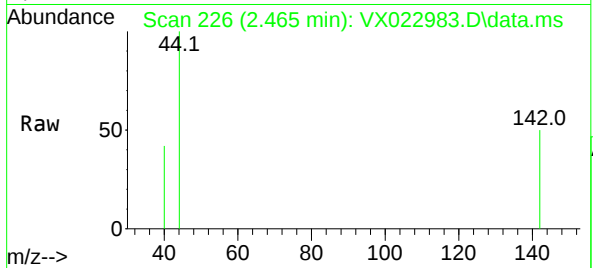




#10
Methyl Iodide
Concen: 4.011 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

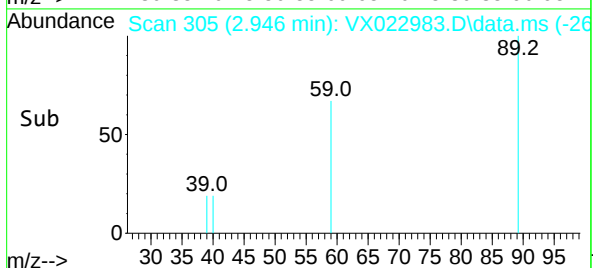
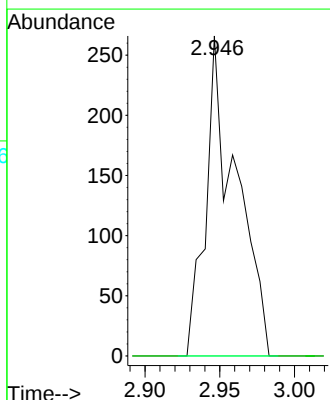
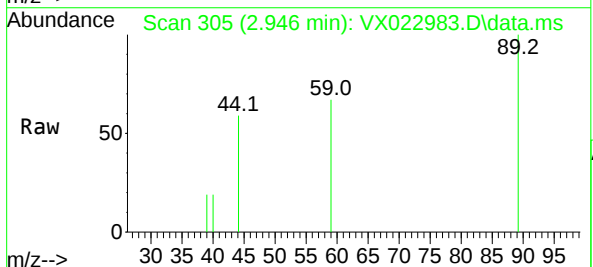
Instrument :
MSVOA_X
ClientSampled :
IBLK

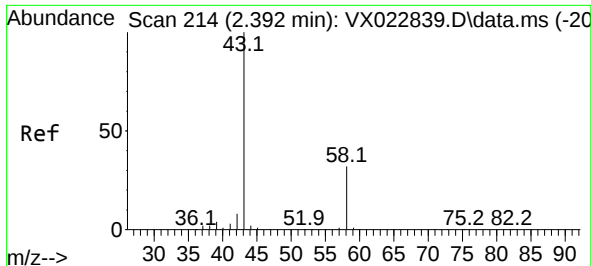
Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.809 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 59 Resp: 376
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

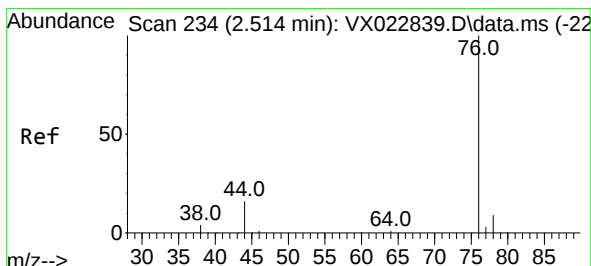
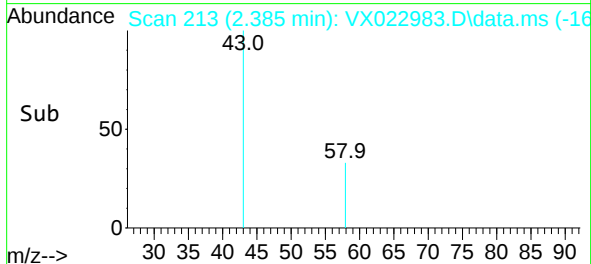
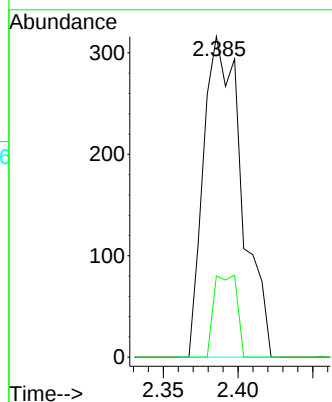
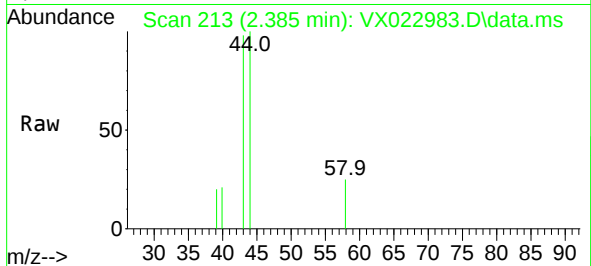




#16
Acetone
Concen: 1.266 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

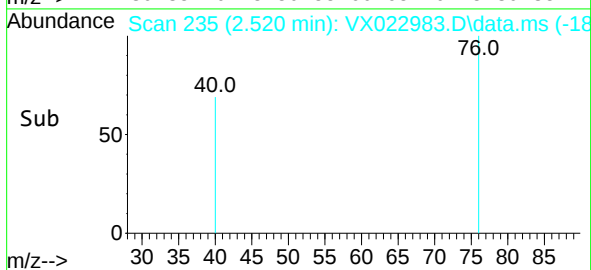
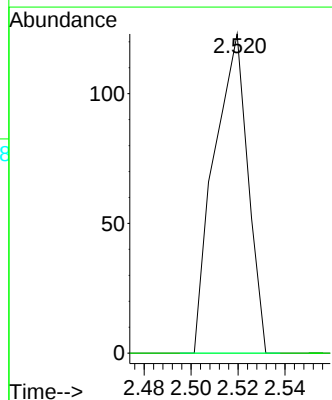
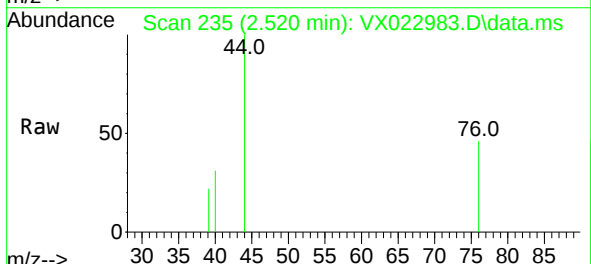
Instrument :
MSVOA_X
ClientSampleId :
IBLK

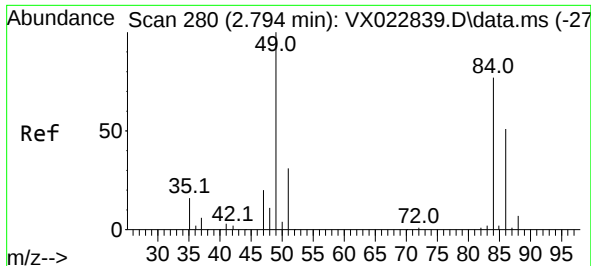
Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.574 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 76 Resp: 123
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.164 ug/l

RT: 2.794 min Scan# 280

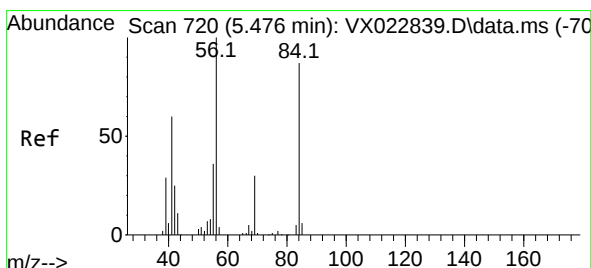
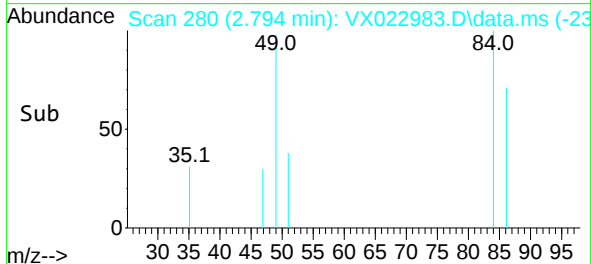
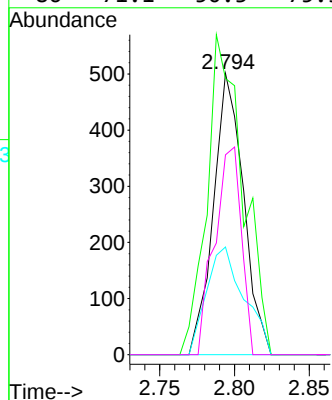
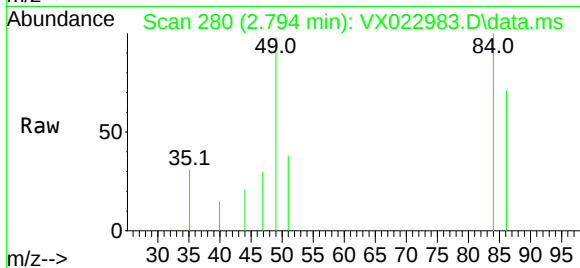
Delta R.T. -0.000 min

Lab File: VX022983.D

Acq: 28 Jun 2021 17:00

Tgt Ion: 84 Resp: 700

Ion	Ratio	Lower	Upper
84	100		
49	98.2	88.6	132.8
51	38.3	27.0	40.6
86	71.1	50.3	75.5



#31

Cyclohexane

Concen: 1.203 ug/l

RT: 5.562 min Scan# 734

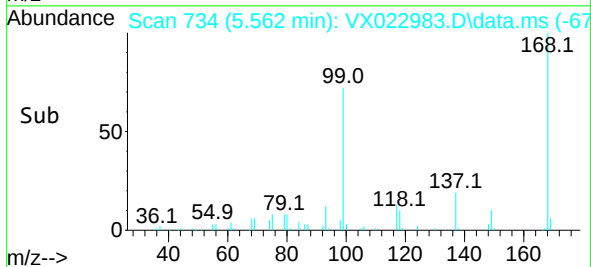
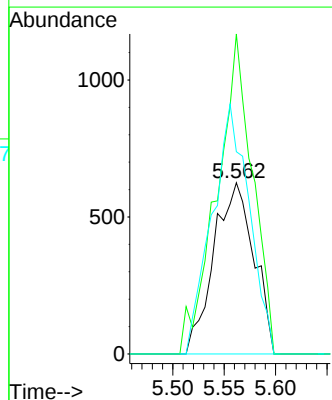
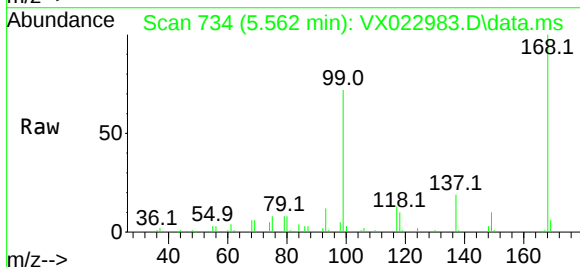
Delta R.T. 0.086 min

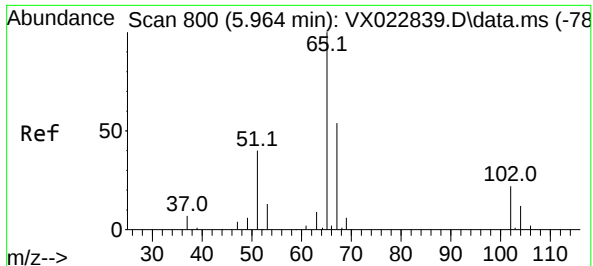
Lab File: VX022983.D

Acq: 28 Jun 2021 17:00

Tgt Ion: 56 Resp: 1694

Ion	Ratio	Lower	Upper
56	100		
69	186.9	25.3	37.9#
84	118.1	71.4	107.0#



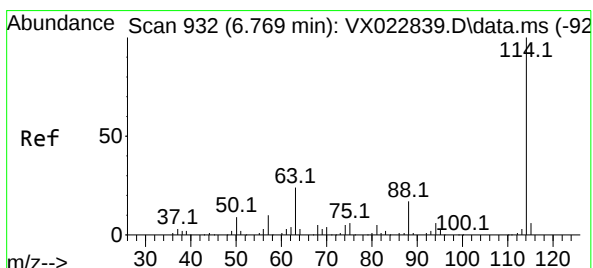
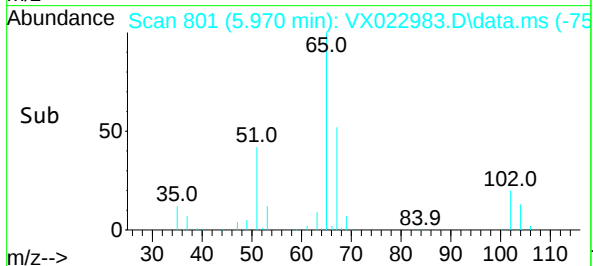
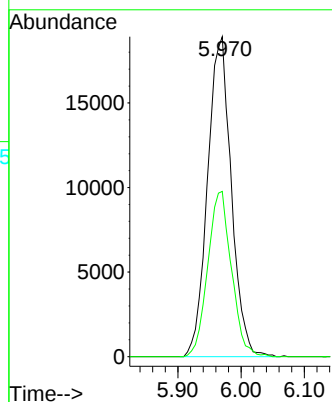
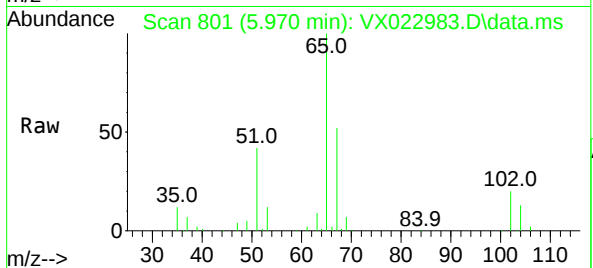


#33

1,2-Dichloroethane-d4
Concen: 49.421 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Instrument :
MSVOA_X
ClientSampled :
IBLK

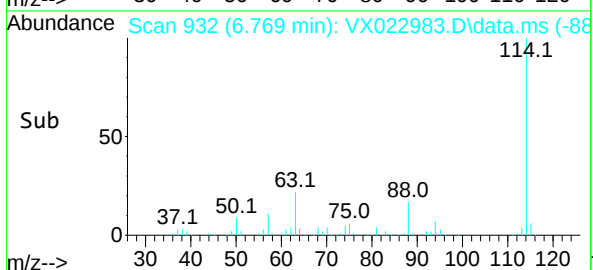
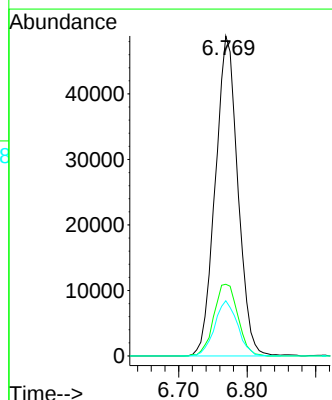
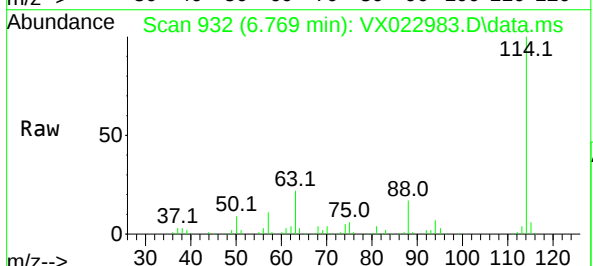
Tgt Ion: 65 Resp: 49298
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

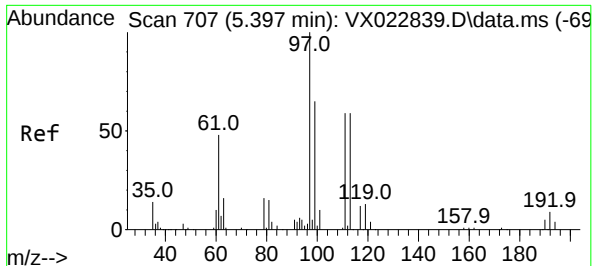


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 114 Resp: 111441
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.694 ug/l

RT: 5.397 min Scan# 707

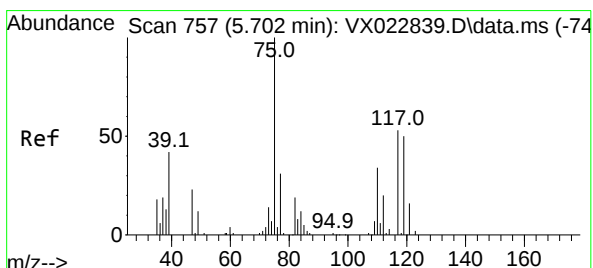
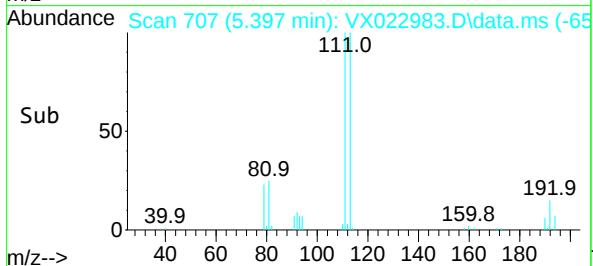
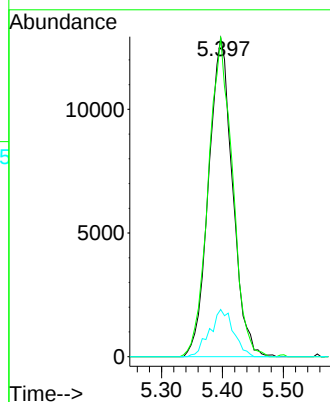
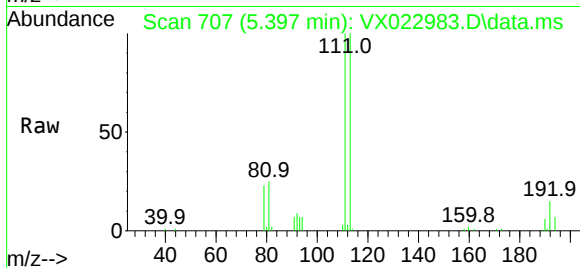
Delta R.T. 0.000 min

Lab File: VX022983.D

Acq: 28 Jun 2021 17:00

Tgt Ion:	113	Resp:	35167
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	14.7	16.7	25.1#

Instrument :
MSVOA_X
ClientSampled :
IBLK



#36

1,1-Dichloropropene

Concen: 4.843 ug/l

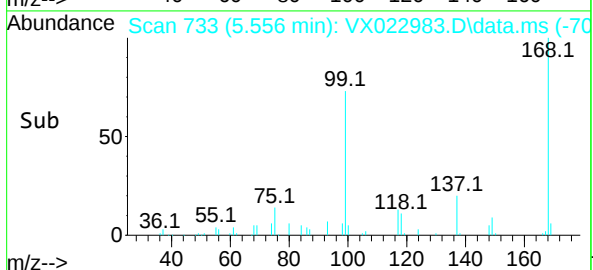
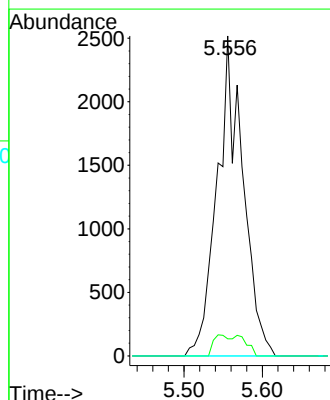
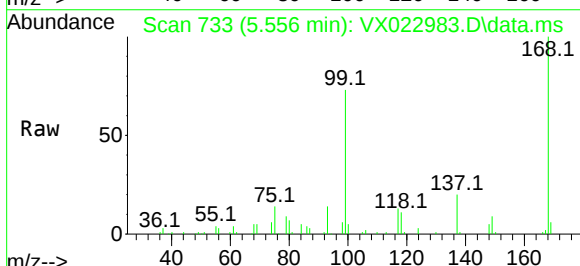
RT: 5.556 min Scan# 733

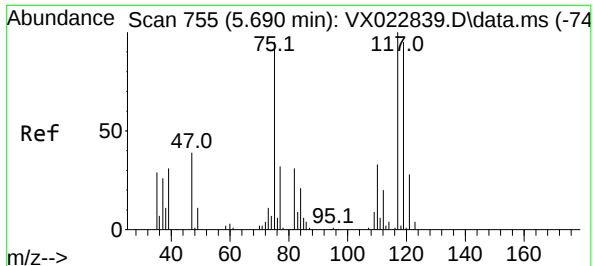
Delta R.T. -0.146 min

Lab File: VX022983.D

Acq: 28 Jun 2021 17:00

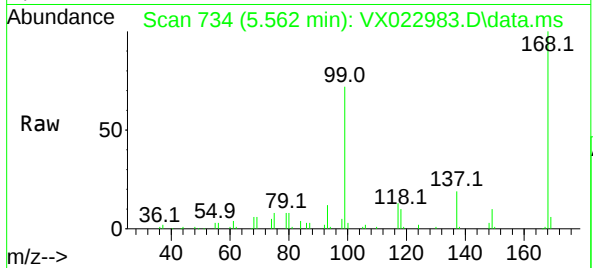
Tgt Ion:	75	Resp:	5733
Ion	Ratio	Lower	Upper
75	100		
110	3.7	18.1	54.4#
77	0.0	25.3	37.9#



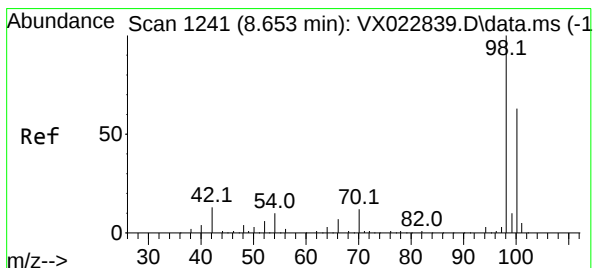
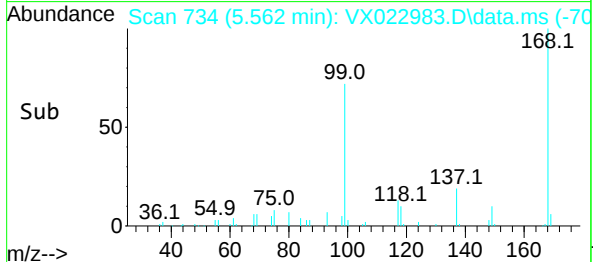
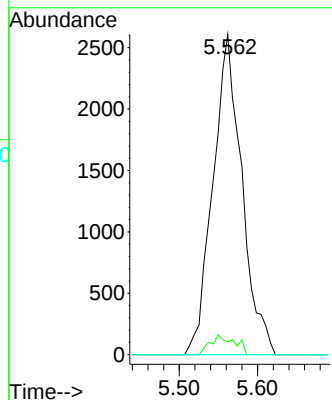


#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Instrument :
MSVOA_X
ClientSampled :
IBLK

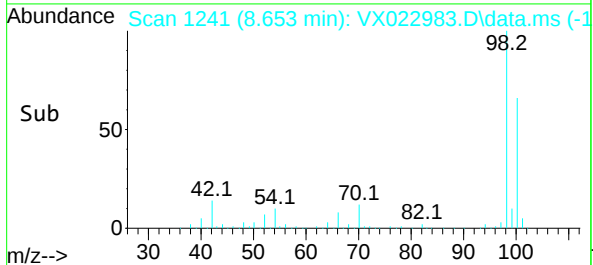
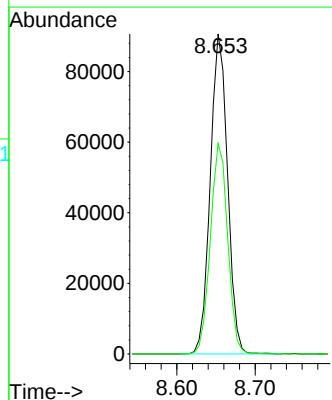
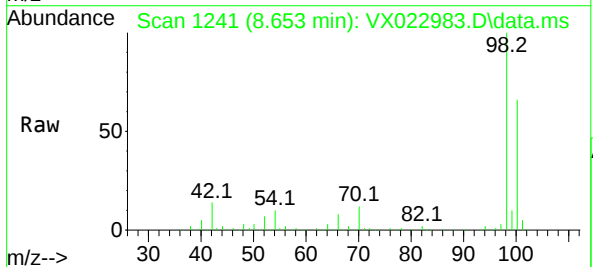


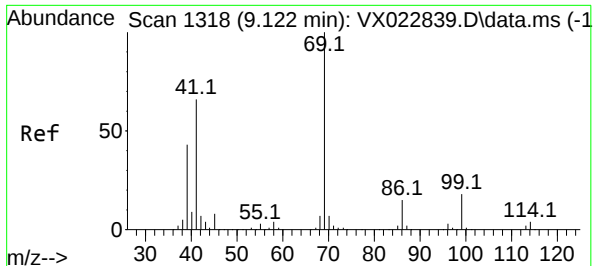
Tgt Ion:117 Resp: 6698
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.950 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 98 Resp: 138538
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9





#56

Ethyl methacrylate

Concen: 2.597 ug/l

RT: 9.329 min Scan# 1352

Delta R.T. 0.207 min

Lab File: VX022983.D

Acq: 28 Jun 2021 17:00

Tgt Ion: 69 Resp: 29

Ion Ratio Lower Upper

69 100

41 158.6 46.8 70.2#

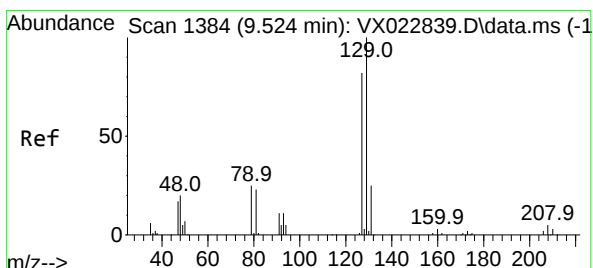
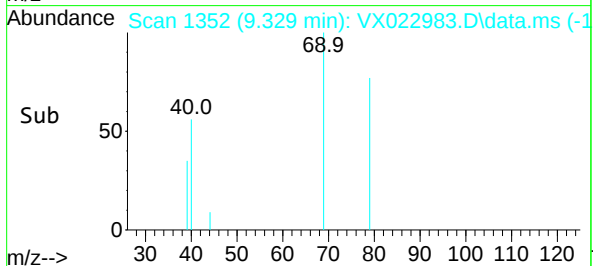
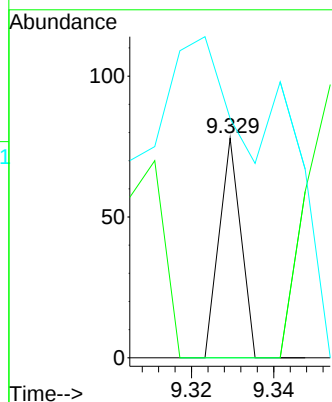
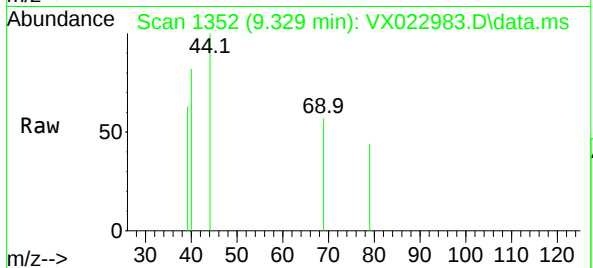
39 682.8 24.7 37.1#

Instrument :

MSVOA_X

ClientSampleId :

IBLK



#60

Dibromochloromethane

Concen: 3.709 ug/l

RT: 9.750 min Scan# 1421

Delta R.T. 0.226 min

Lab File: VX022983.D

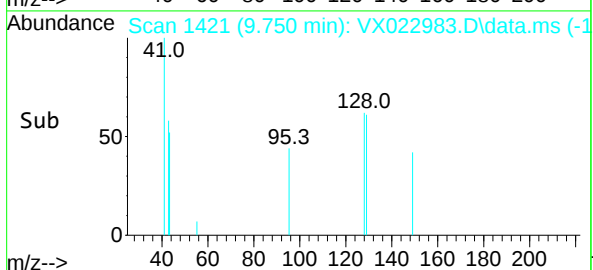
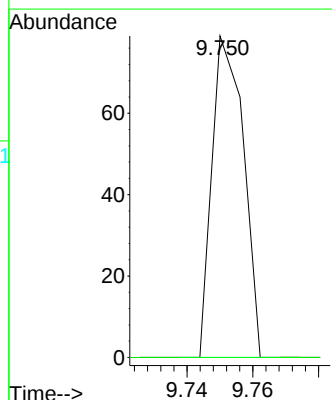
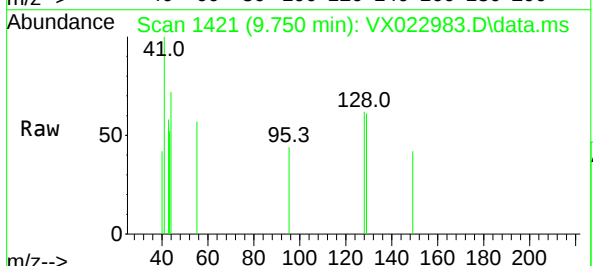
Acq: 28 Jun 2021 17:00

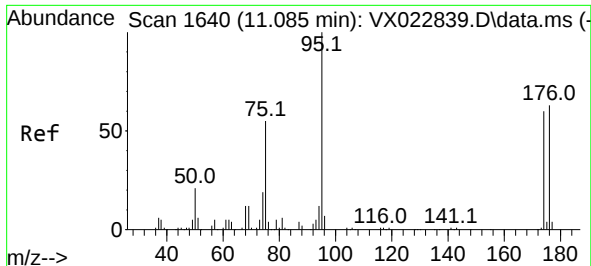
Tgt Ion: 129 Resp: 52

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

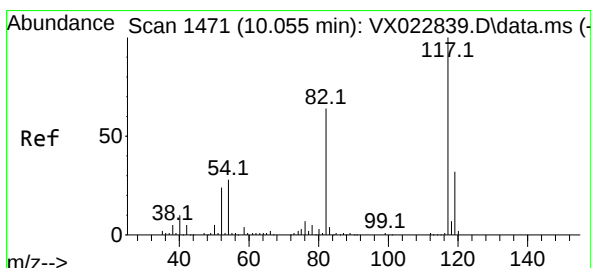
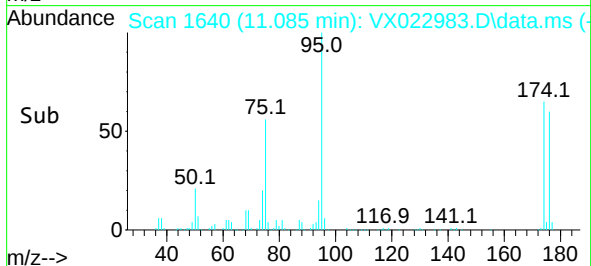
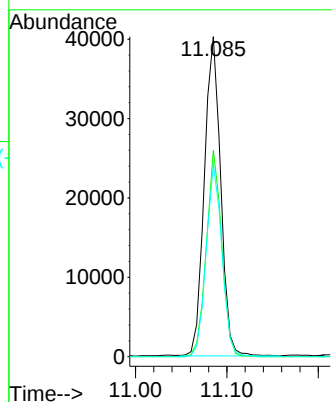
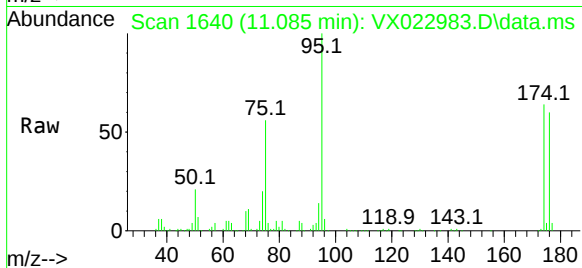




#62
4-Bromofluorobenzene
Concen: 48.070 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

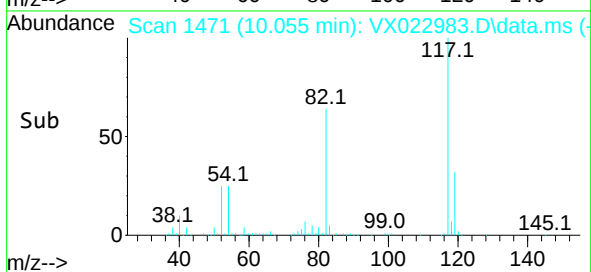
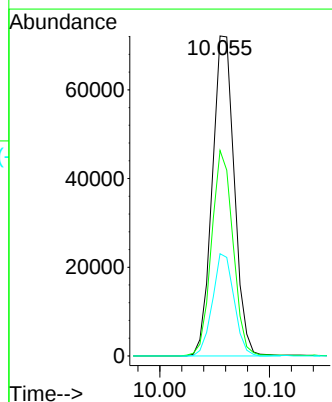
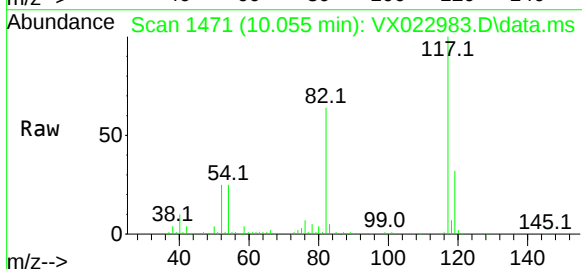
Instrument :
MSVOA_X
ClientSampleId :
IBLK

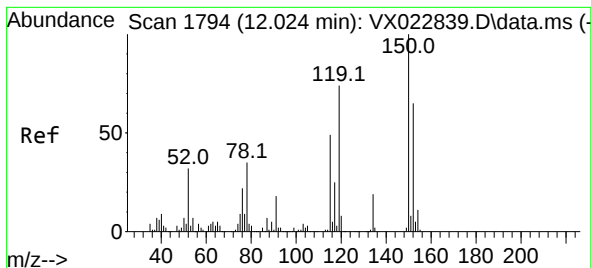
Tgt Ion: 95 Resp: 49757
Ion Ratio Lower Upper
95 100
174 61.1 0.0 154.6
176 58.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 117 Resp: 100820
Ion Ratio Lower Upper
117 100
82 64.2 47.4 71.2
119 32.0 26.6 39.8

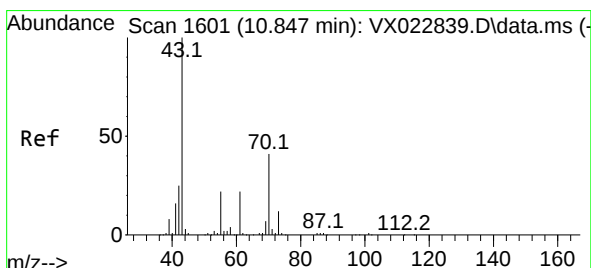
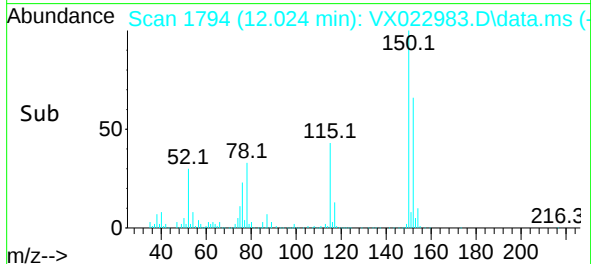
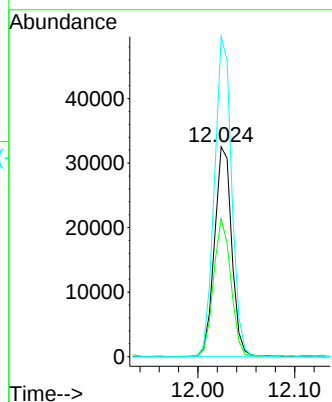
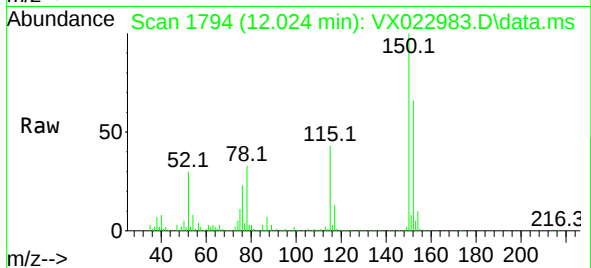




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

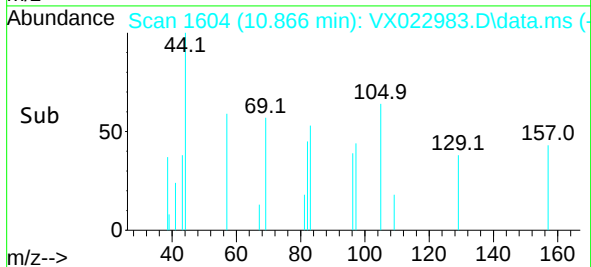
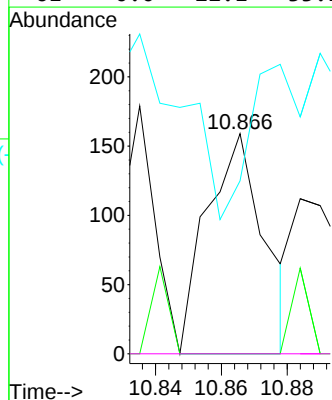
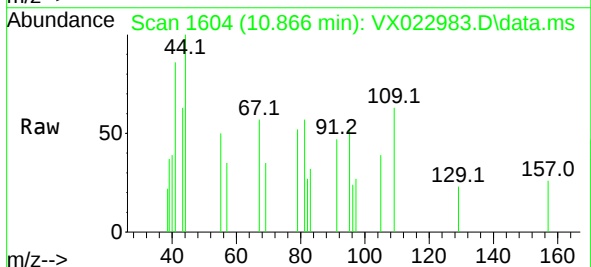
Instrument :
MSVOA_X
ClientSampled :
IBLK

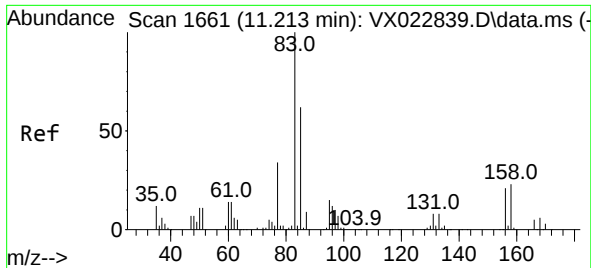
Tgt Ion:152 Resp: 40257
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 152.3 0.0 349.0



#74
N-ethyl acetate
Concen: 2.151 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. 0.019 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
70 12.0 39.0 58.6#
55 60.9 21.5 32.3#
61 0.0 22.1 33.1#

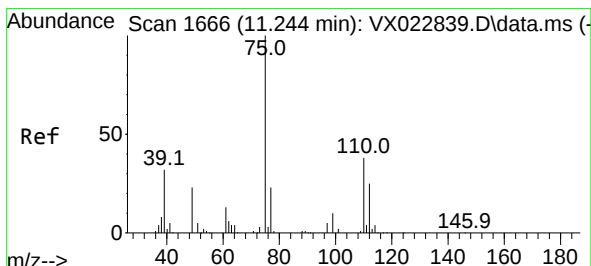
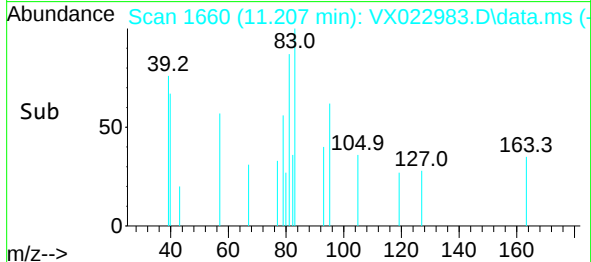
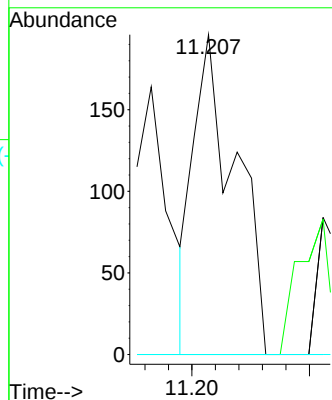
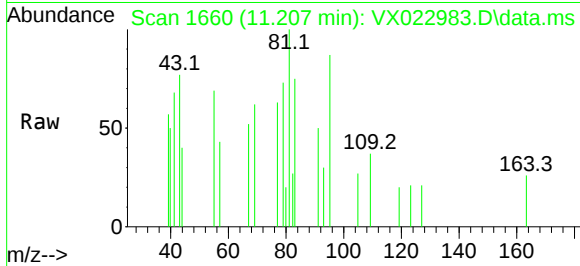




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.207 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: VX022983.D
 Acq: 28 Jun 2021 17:00

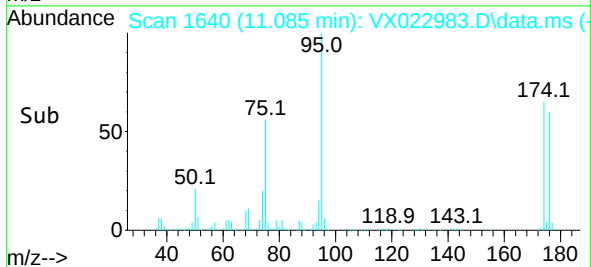
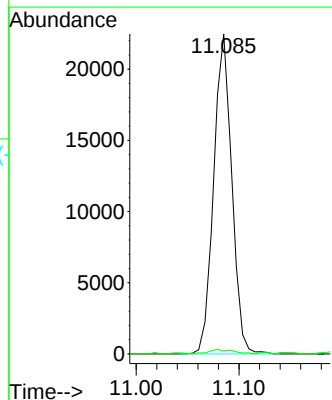
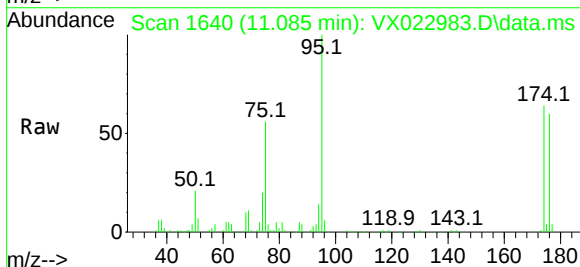
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

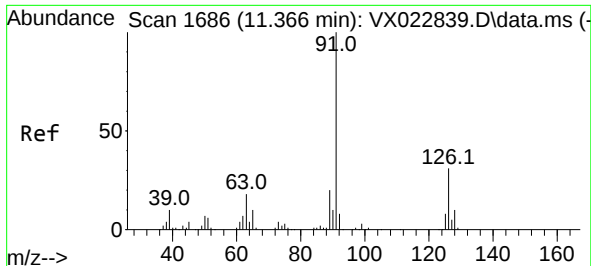
Tgt Ion: 83 Resp: 242
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.2#
 85 0.0 31.8 95.4#



#76
 1,2,3-Trichloropropane
 Concen: 25.823 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022983.D
 Acq: 28 Jun 2021 17:00

Tgt Ion: 75 Resp: 27459
 Ion Ratio Lower Upper
 75 100
 77 1.9 19.1 57.5#

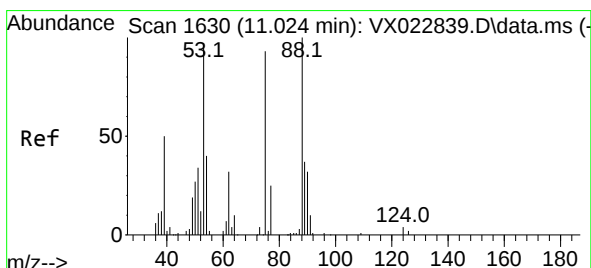
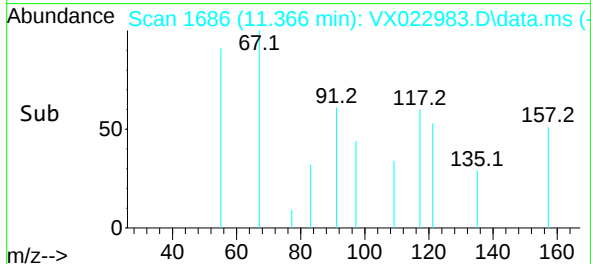
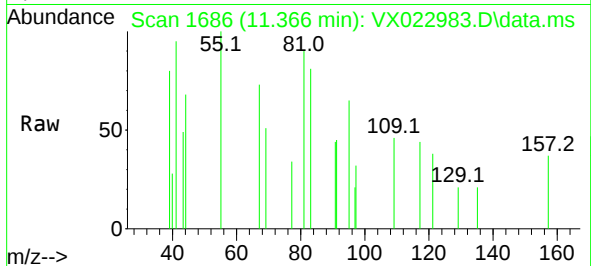




#79
2-Chlorotoluene
Concen: 0.220 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

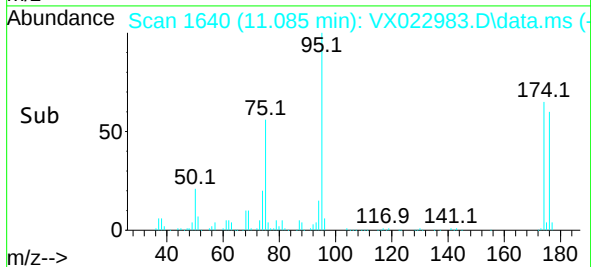
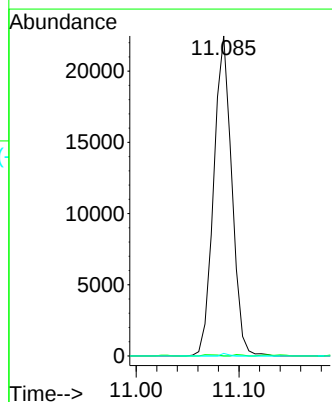
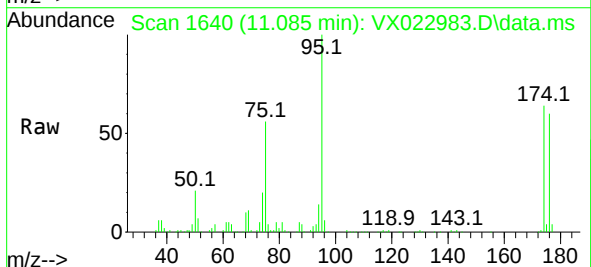
Instrument :
MSVOA_X
ClientSampled :
IBLK

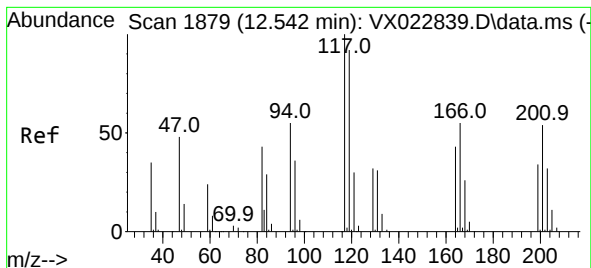
Tgt Ion: 91 Resp: 548
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.178 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion: 75 Resp: 27459
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.3 37.9 56.9#

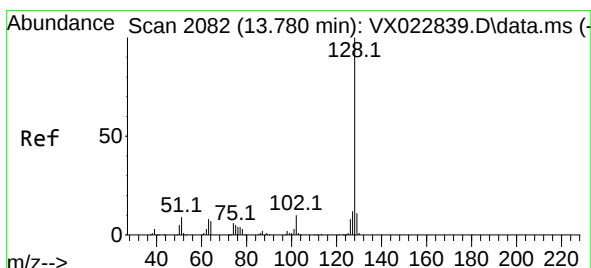
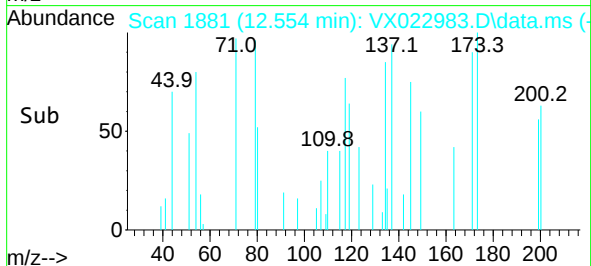
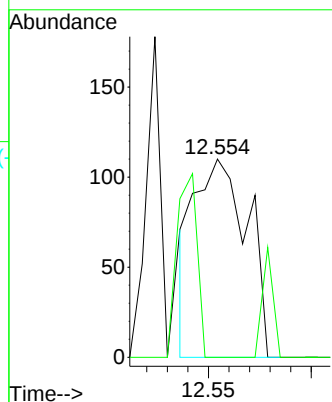
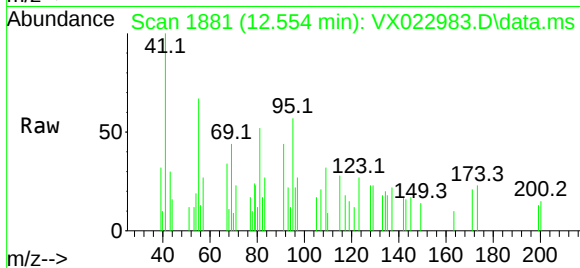




#90
Hexachloroethane
Concen: 4.064 ug/l
RT: 12.554 min Scan# 1881
Delta R.T. 0.012 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:117 Resp: 200
Ion Ratio Lower Upper
117 100
201 35.0 40.4 121.2#



#95
Naphthalene
Concen: 1.937 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.018 min
Lab File: VX022983.D
Acq: 28 Jun 2021 17:00

Tgt Ion:128 Resp: 51
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 276.5 8.8 13.2#

