

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022994.D
 Acq On : 29 Jun 2021 11:27
 Operator : JC/MD
 Sample : VX0629MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 30 01:42:32 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)

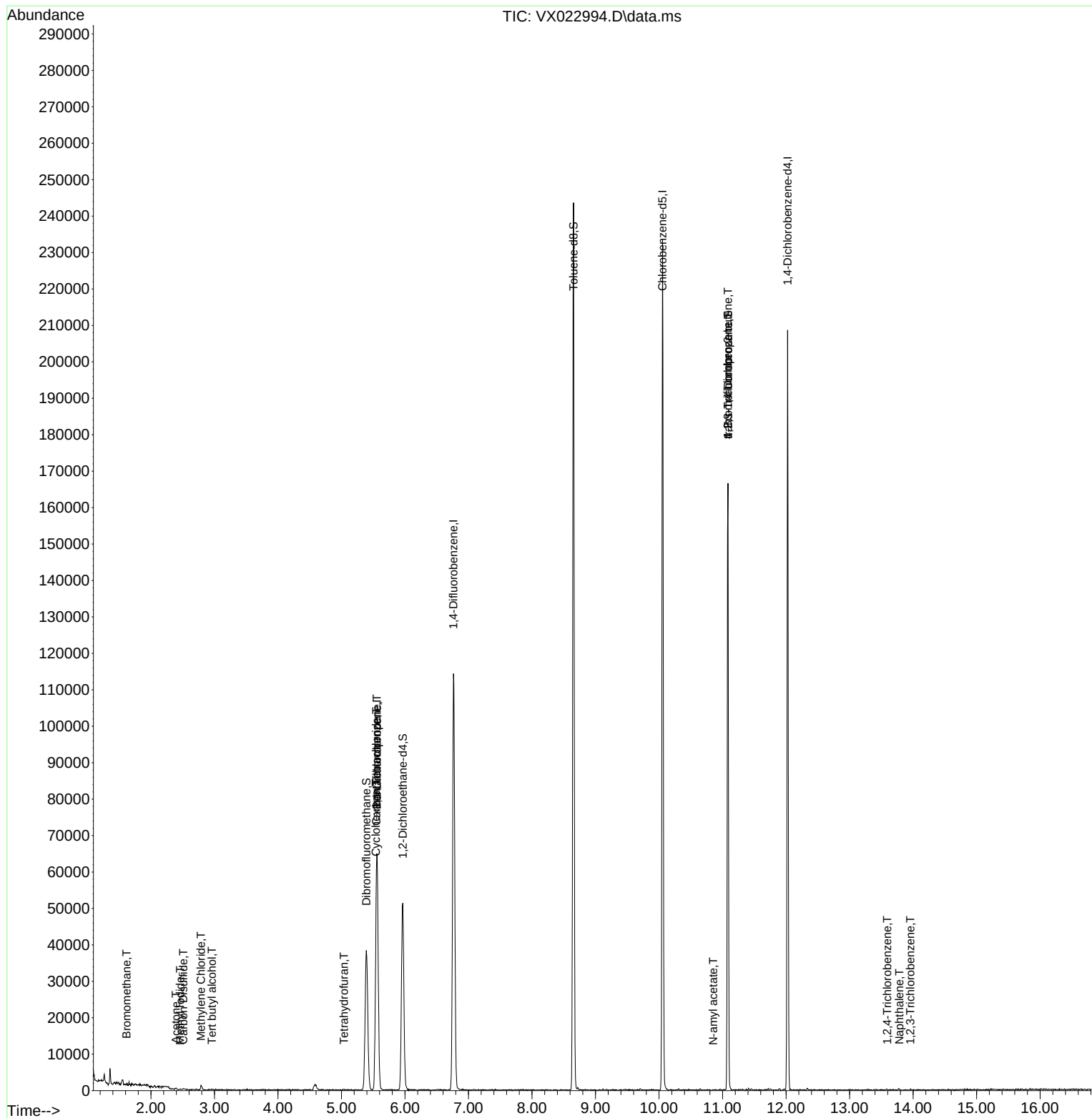
Internal Standards						
1) Pentafluorobenzene	5.556	168	53345	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	108984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47607	49.176	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.360%	
35) Dibromofluoromethane	5.391	113	33486	48.385	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.760%	
50) Toluene-d8	8.653	98	133602	49.257	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.520%	
62) 4-Bromofluorobenzene	11.085	95	44846	44.302	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.600%	
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	96	0.228	ug/l	98
10) Methyl Iodide	2.459	142	48	3.932	ug/l	# 66
11) Tert butyl alcohol	2.959	59	187	0.927	ug/l	# 73
16) Acetone	2.392	43	500	1.165	ug/l	# 40
17) Carbon Disulfide	2.508	76	377	3.702	ug/l	# 75
20) Methylene Chloride	2.788	84	534	0.995	ug/l	# 74
29) Tetrahydrofuran	5.038	42	89	0.207	ug/l	# 27
31) Cyclohexane	5.544	56	1804	1.320	ug/l	# 49
36) 1,1-Dichloropropene	5.556	75	5718	4.940	ug/l	# 47
38) Carbon Tetrachloride	5.550	117	6605	6.803	ug/l	# 15
74) N-amyl acetate	10.854	43	19	2.066	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	25154	26.613	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25154	69.034	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.591	180	214	0.325	ug/l	# 51
95) Naphthalene	13.786	128	456	2.073	ug/l	# 69
96) 1,2,3-Trichlorobenzene	13.957	180	142	0.214	ug/l	# 59

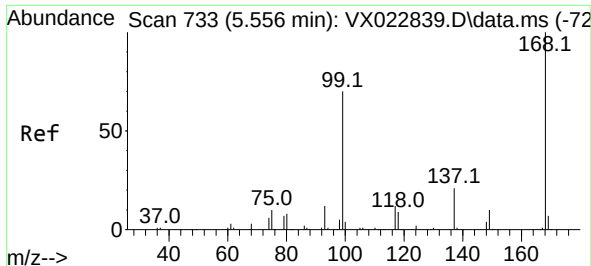
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 30 01:42:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

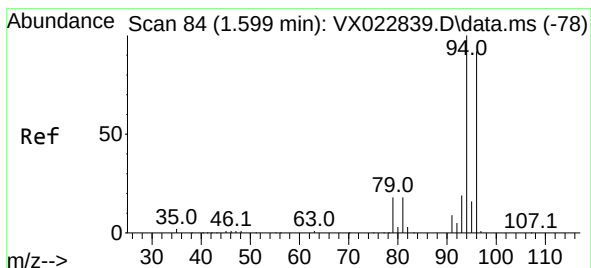
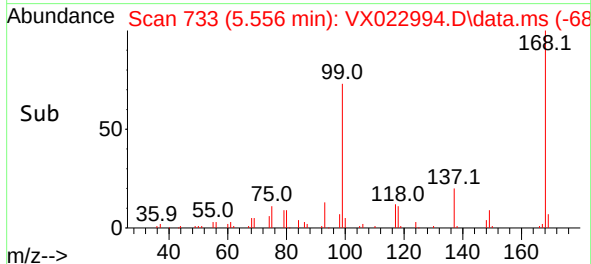
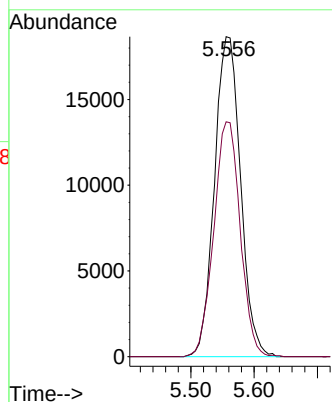
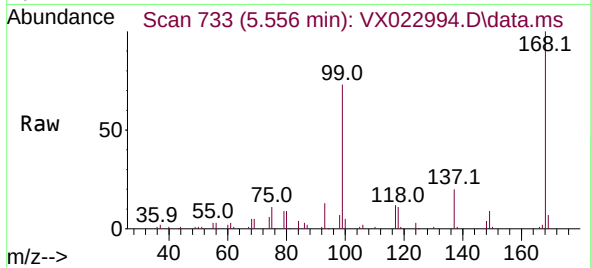




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

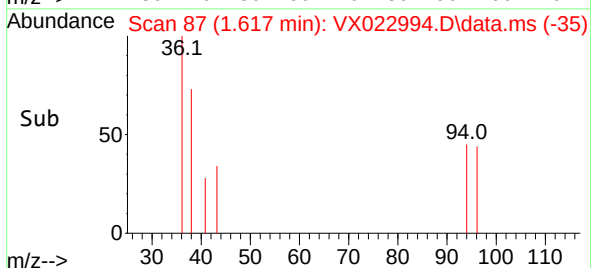
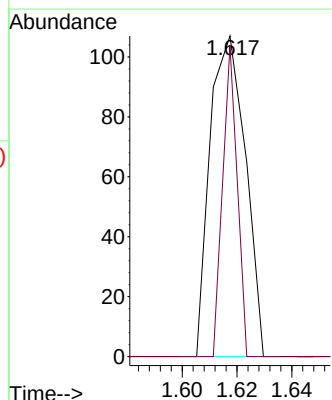
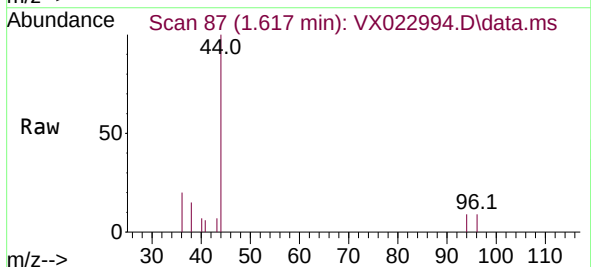
Instrument :
MSVOA_X
ClientSampleId :

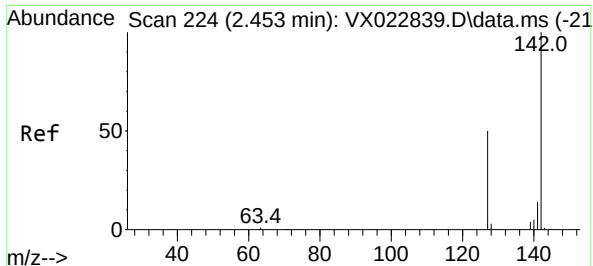
Tgt Ion:168 Resp: 53345
Ion Ratio Lower Upper
168 100
99 73.4 45.8 68.6#



#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

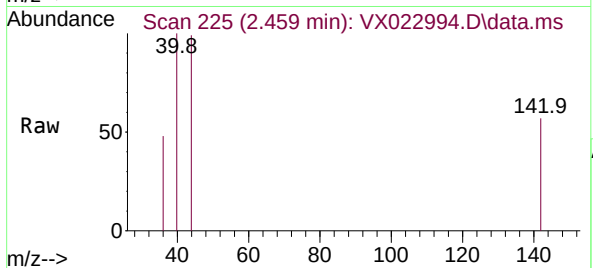
Tgt Ion: 94 Resp: 96
Ion Ratio Lower Upper
94 100
96 97.2 76.4 114.6



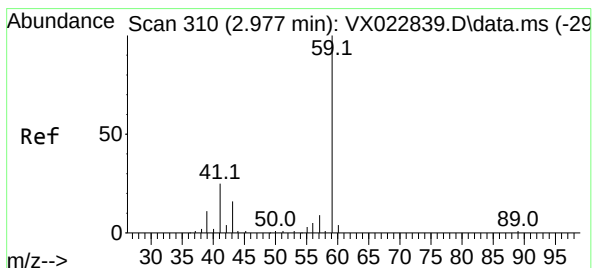
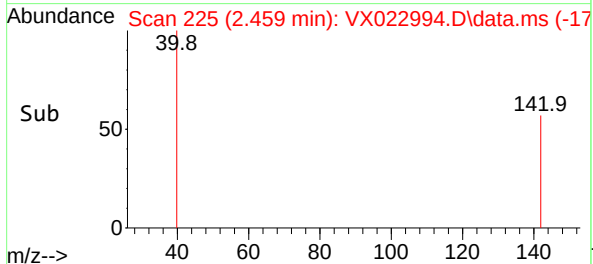
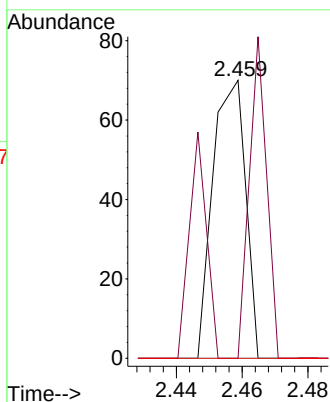


#10
Methyl Iodide
Concen: 3.932 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Instrument :
MSVOA_X
ClientSampled :

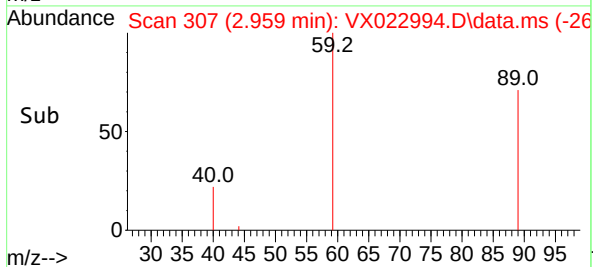
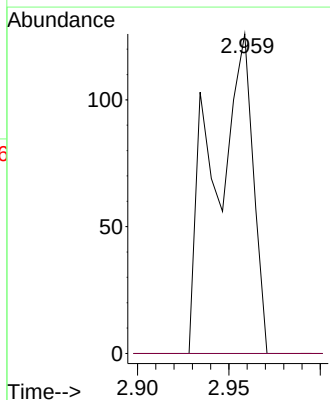
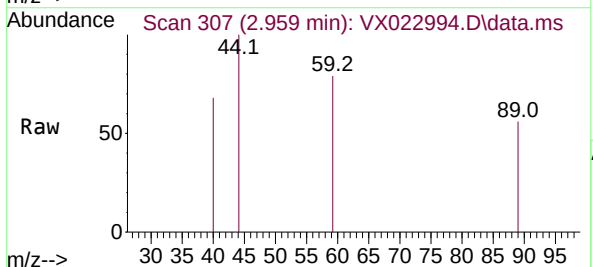


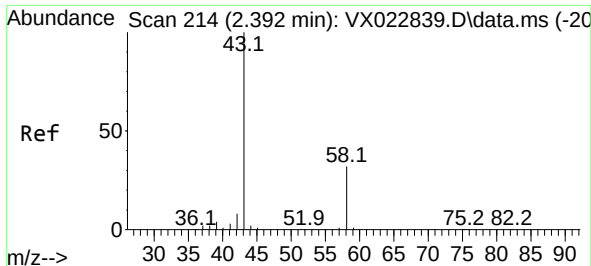
Tgt Ion:142 Resp: 48
Ion Ratio Lower Upper
142 100
127 62.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.927 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

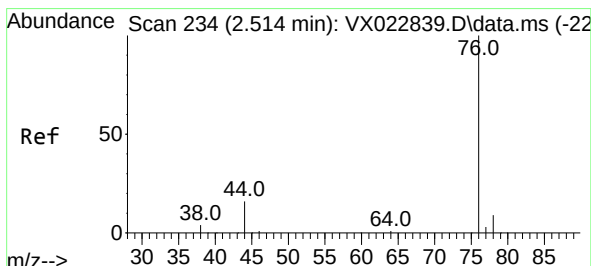
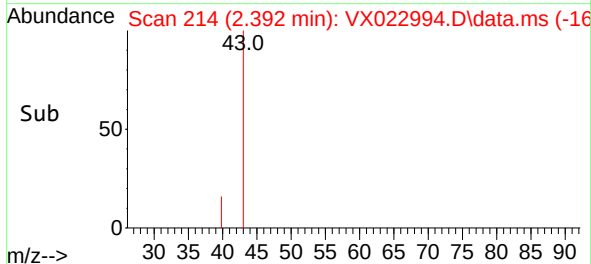
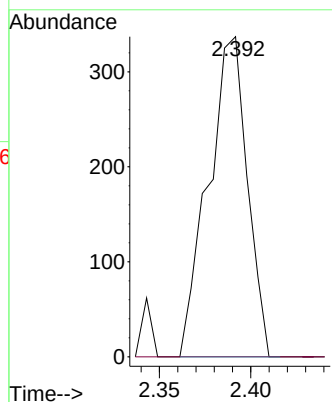
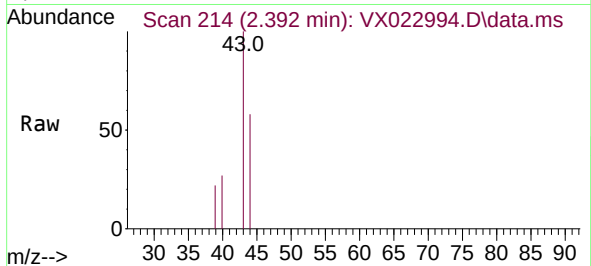




#16
Acetone
Concen: 1.165 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

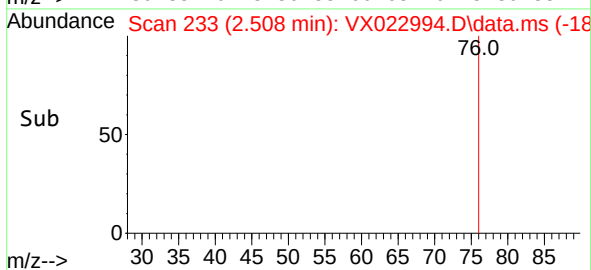
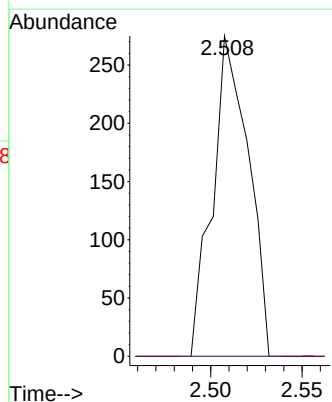
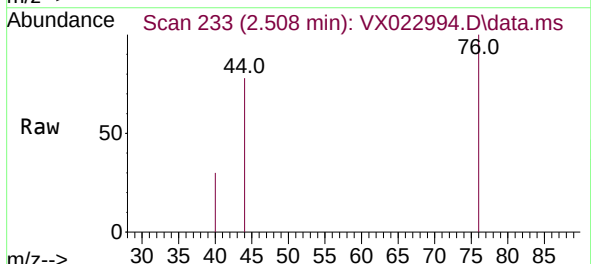
Instrument :
MSVOA_X
ClientSampled :

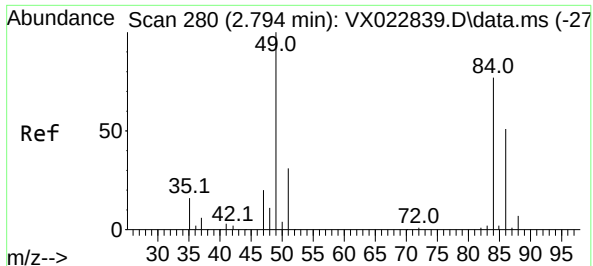
Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.702 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

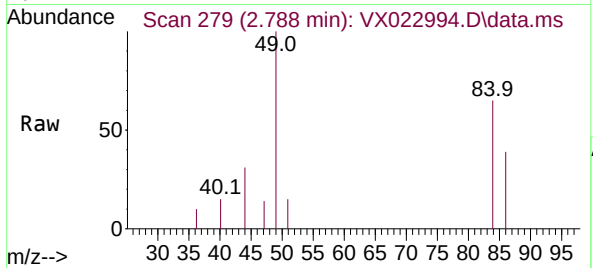
Tgt Ion: 76 Resp: 377
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





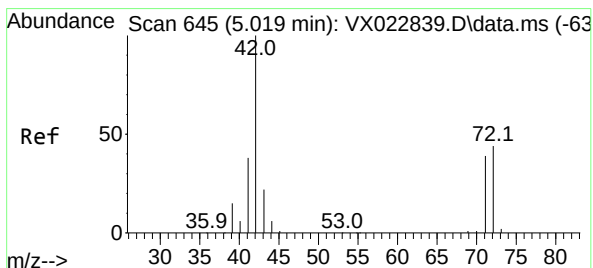
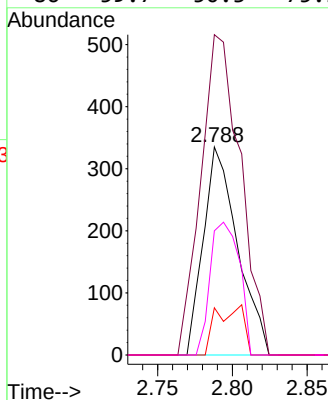
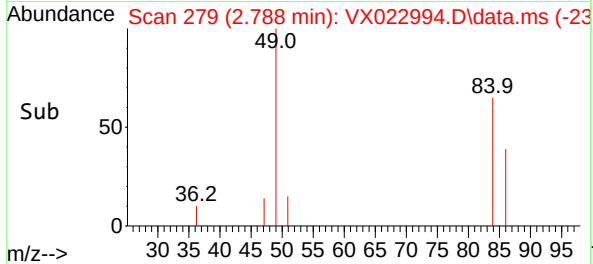
#20
Methylene Chloride
Concen: 0.995 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Instrument :
MSVOA_X
ClientSampled :

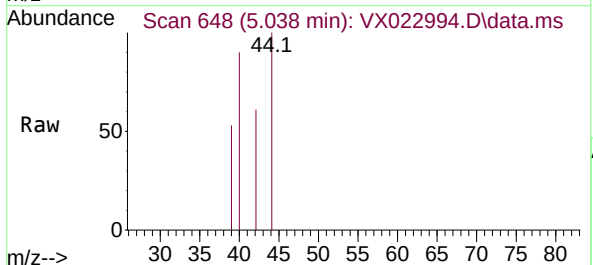


Tgt Ion: 84 Resp: 534

Ion	Ratio	Lower	Upper
84	100		
49	154.0	88.6	132.8#
51	22.7	27.0	40.6#
86	59.7	50.3	75.5

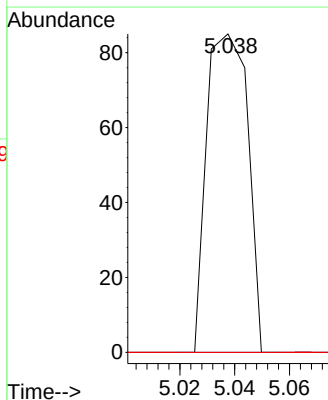
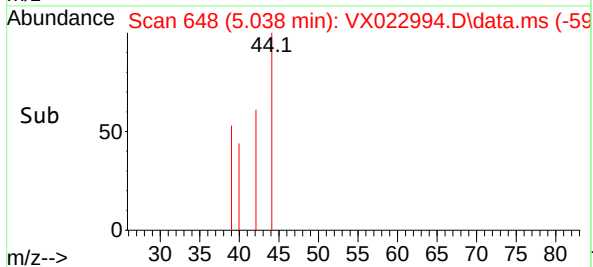


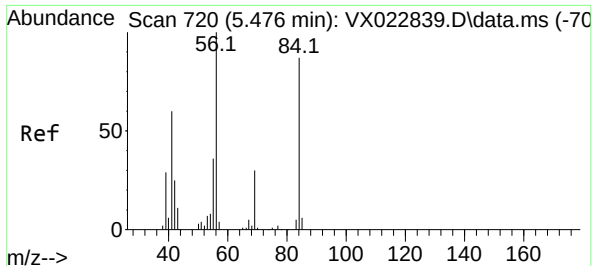
#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27



Tgt Ion: 42 Resp: 89

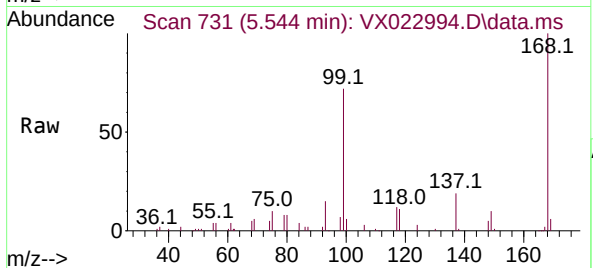
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



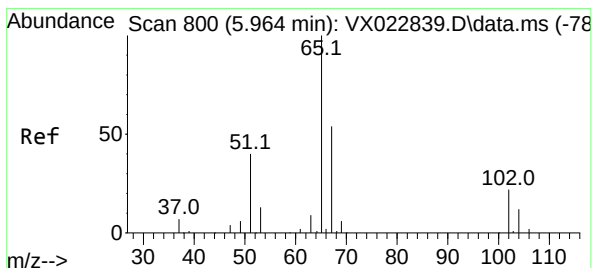
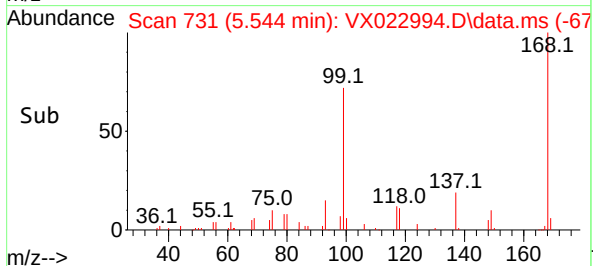
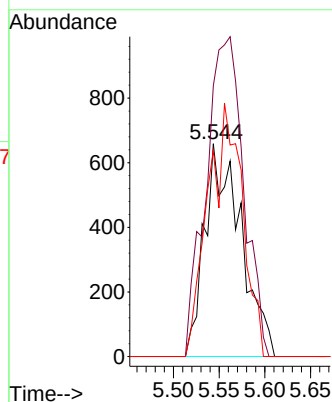


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.068 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Instrument :
MSVOA_X
ClientSampled :

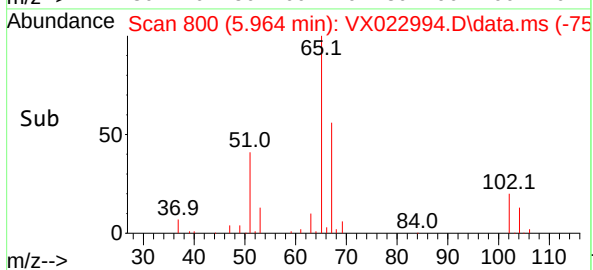
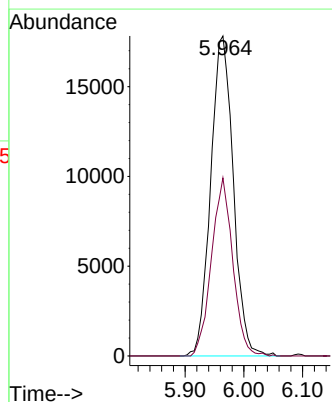
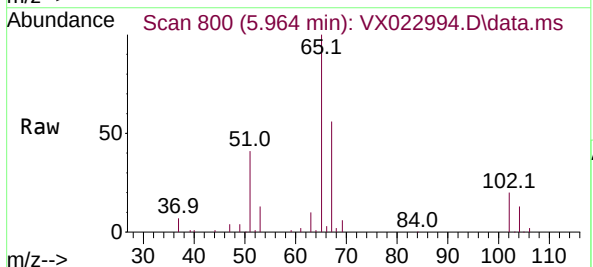


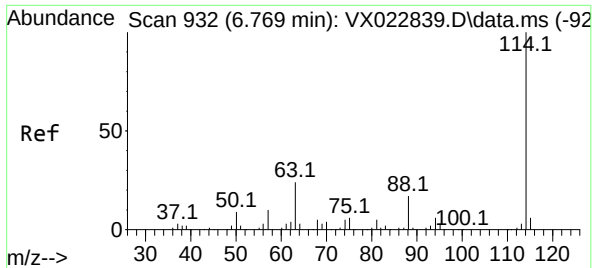
Tgt Ion: 56 Resp: 1804
Ion Ratio Lower Upper
56 100
69 127.2 25.3 37.9#
84 96.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 49.176 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion: 65 Resp: 47607
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

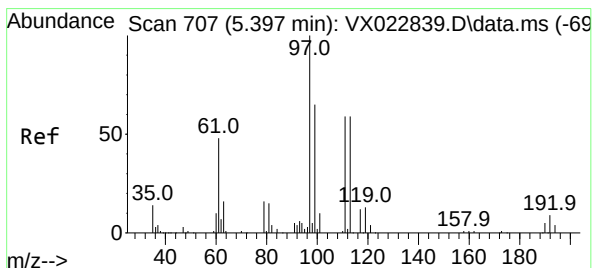
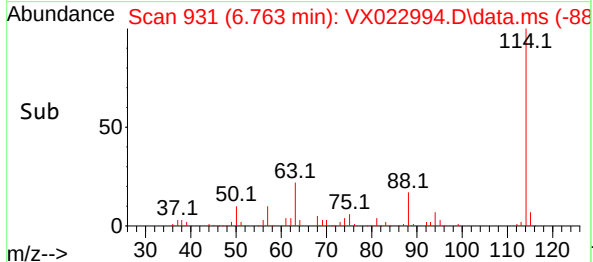
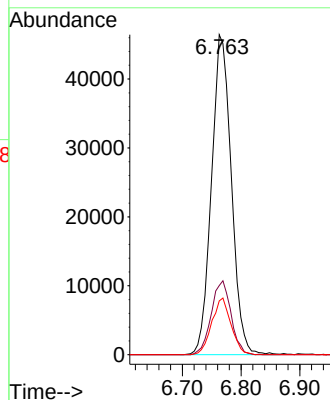
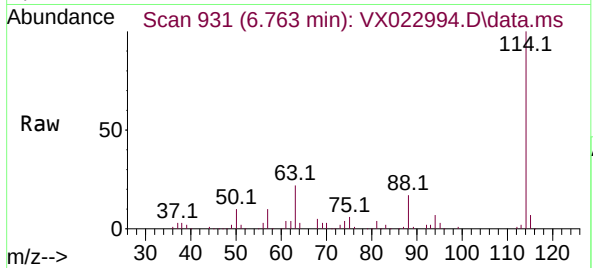




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

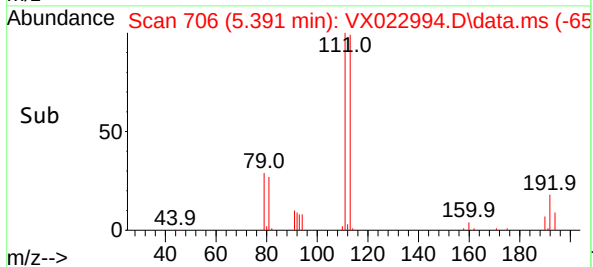
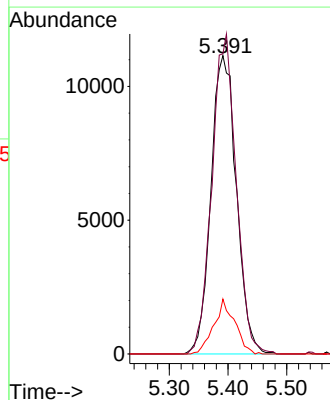
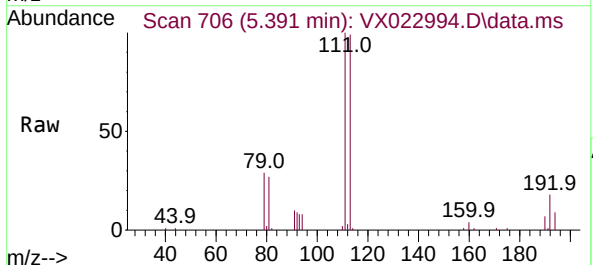
Instrument :
MSVOA_X
ClientSampled :

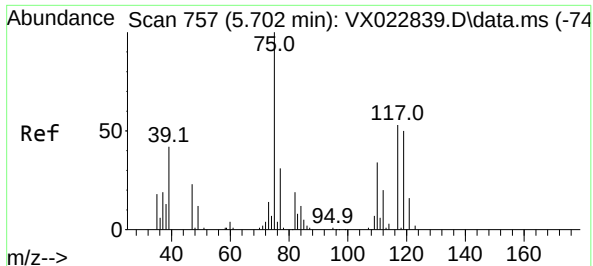
Tgt Ion:114 Resp: 108984
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion:113 Resp: 33486
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 15.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.940 ug/l

RT: 5.556 min Scan# 733

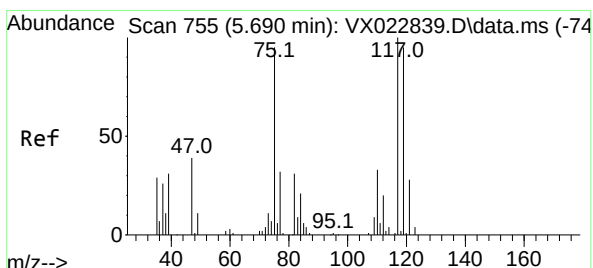
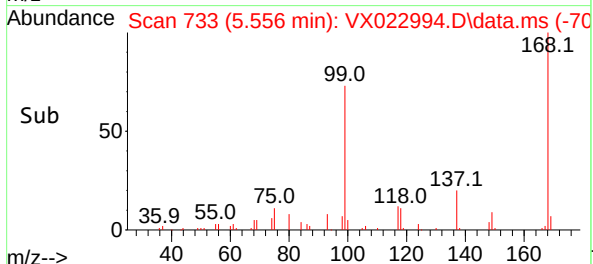
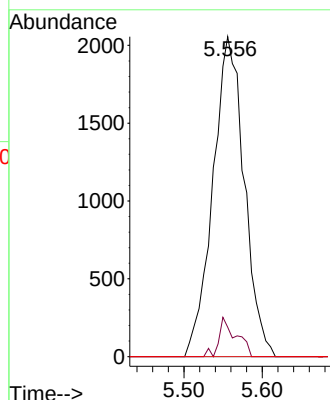
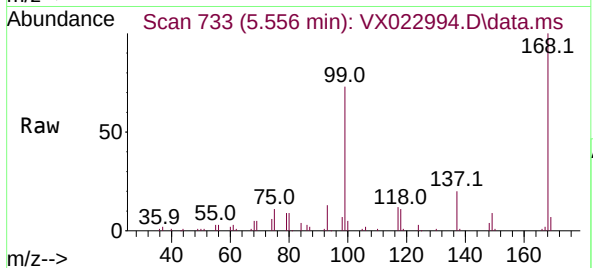
Delta R.T. -0.146 min

Lab File: VX022994.D

Acq: 29 Jun 2021 11:27

Tgt Ion:	75	Resp:	5718
Ion	Ratio	Lower	Upper
75	100		
110	6.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.803 ug/l

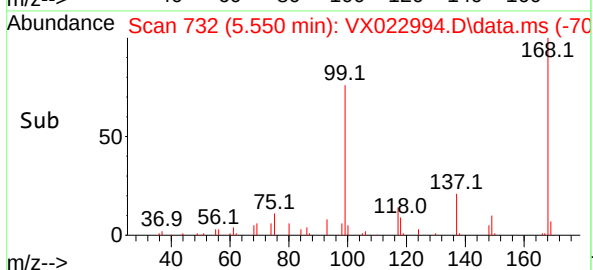
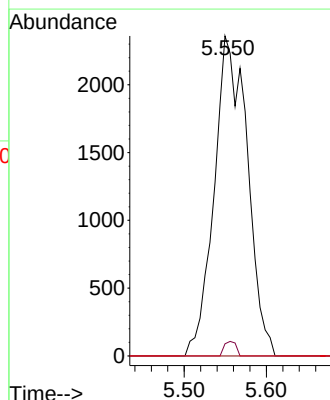
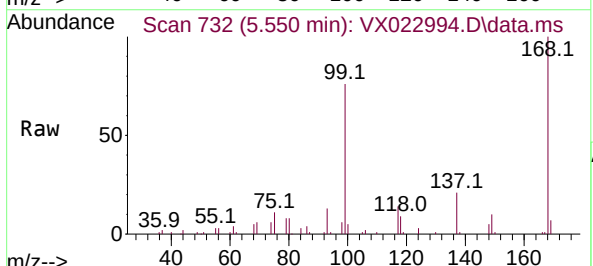
RT: 5.550 min Scan# 732

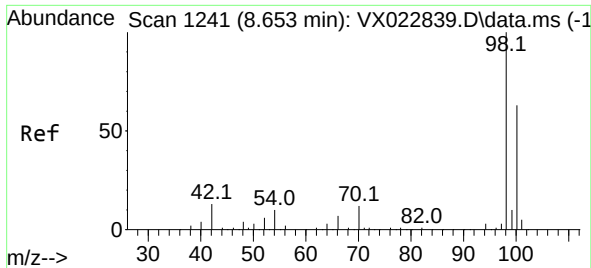
Delta R.T. -0.140 min

Lab File: VX022994.D

Acq: 29 Jun 2021 11:27

Tgt Ion:	117	Resp:	6605
Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.2	114.2#
121	0.0	24.8	37.2#

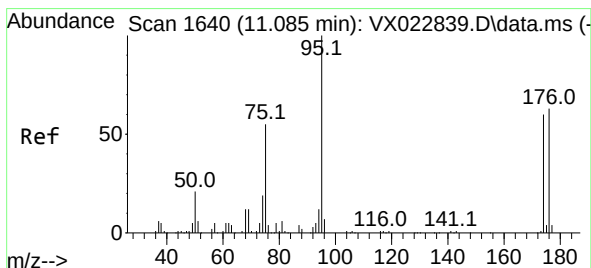
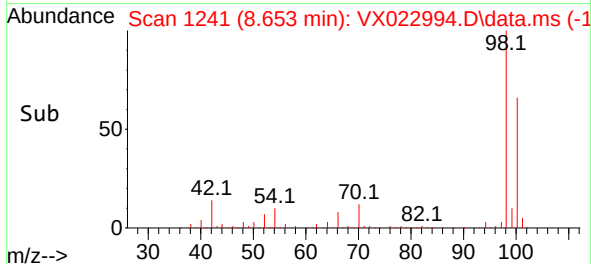
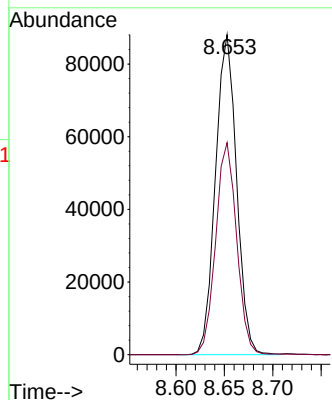
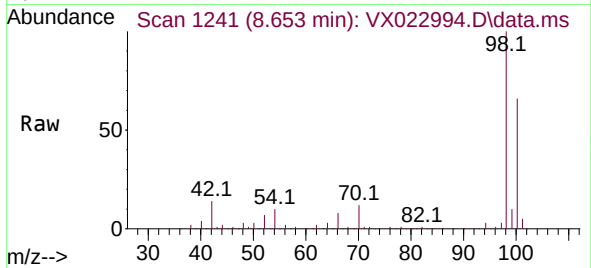




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

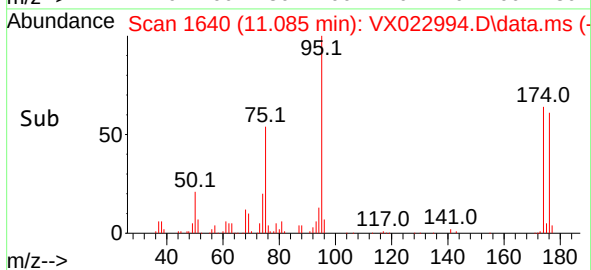
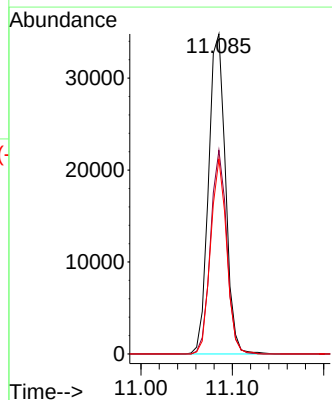
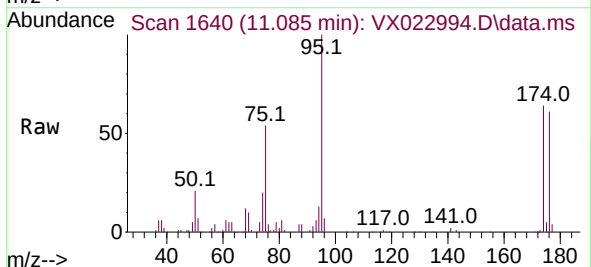
Instrument :
MSVOA_X
ClientSampled :

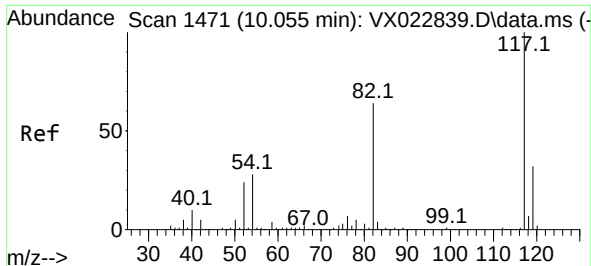
Tgt Ion: 98 Resp: 133602
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.302 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion: 95 Resp: 44846
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 57.7 0.0 155.8

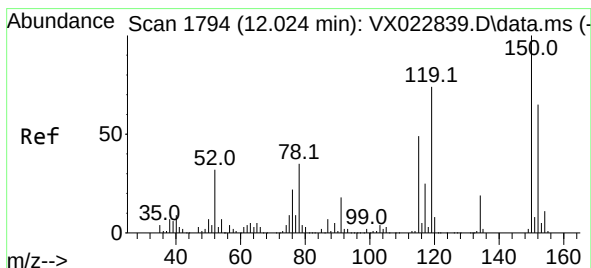
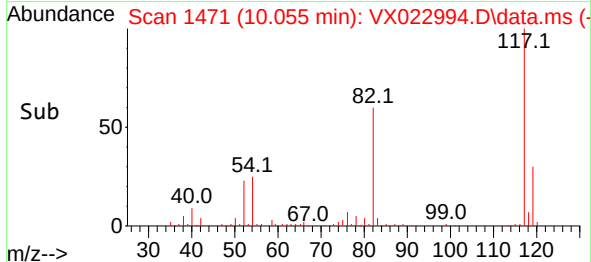
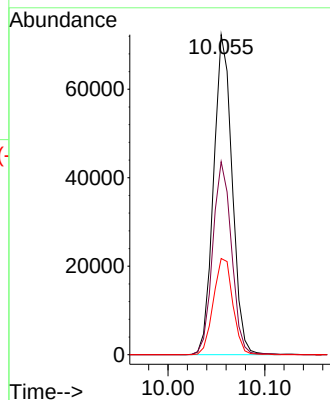
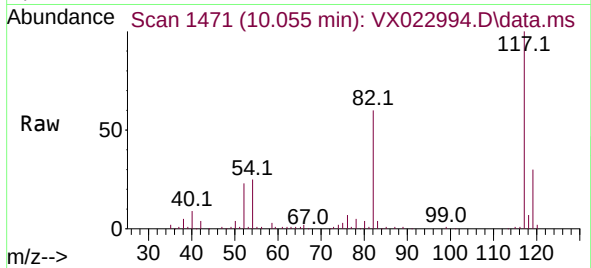




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

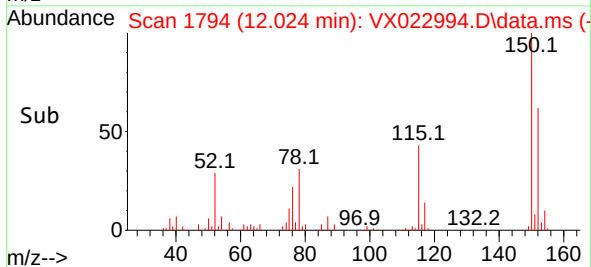
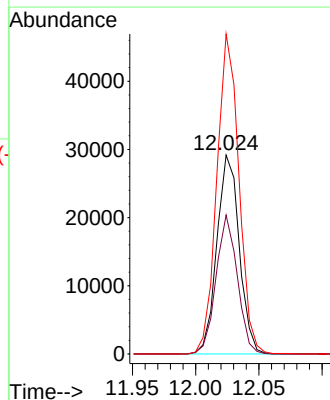
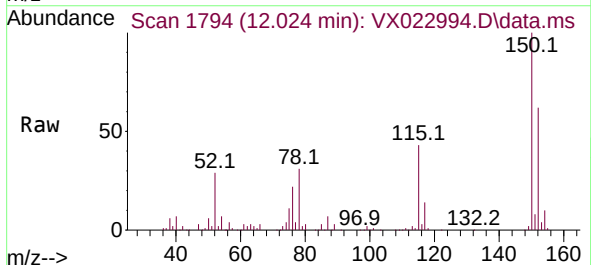
Instrument :
MSVOA_X
ClientSampleId :

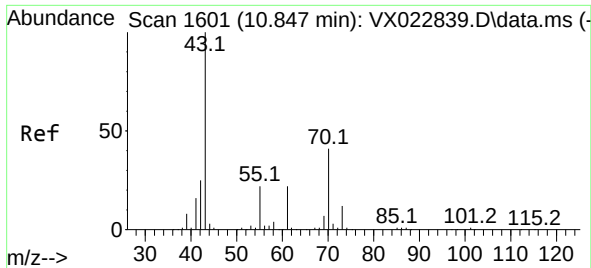
Tgt Ion:	117	Resp:	96285
Ion Ratio	Lower	Upper	
117	100		
82	60.3	47.4	71.2
119	30.0	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion:	152	Resp:	35783
Ion Ratio	Lower	Upper	
152	100		
115	66.5	41.1	123.3
150	158.8	0.0	349.0

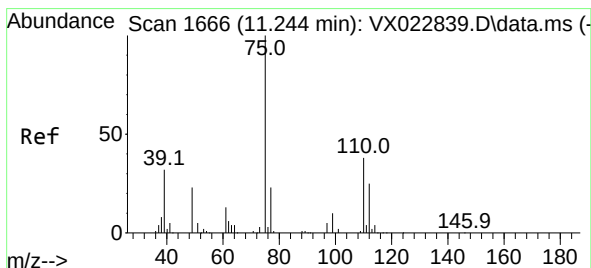
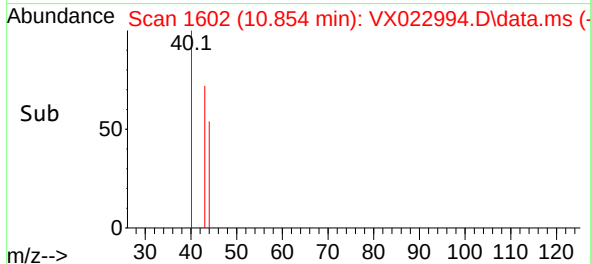
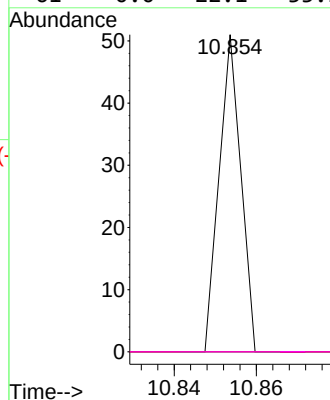
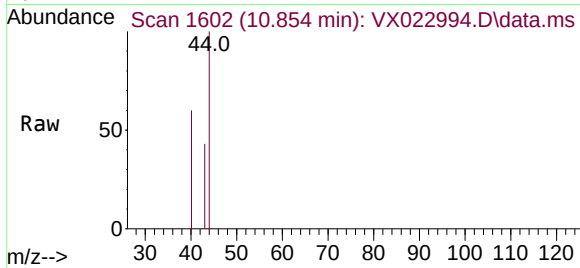




#74
N-amy1 acetate
Concen: 2.066 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.007 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

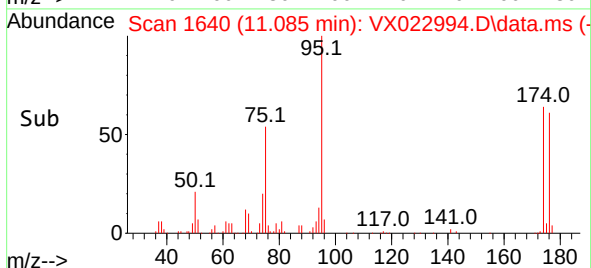
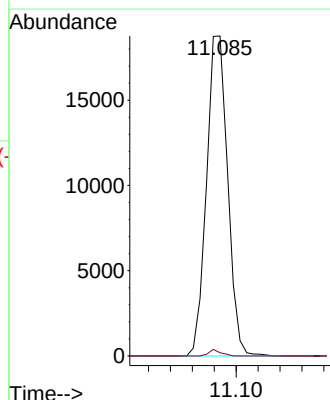
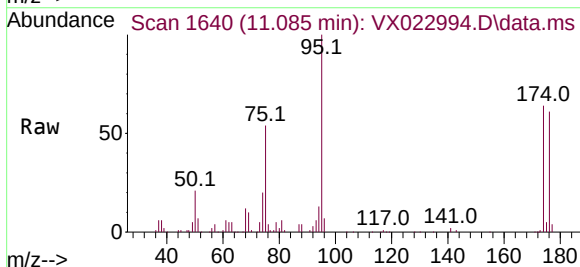
Instrument :
MSVOA_X
ClientSampled :

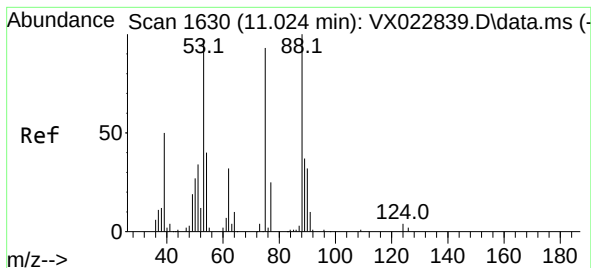
Tgt Ion: 43	Resp:	19
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.613 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion: 75	Resp:	25154
Ion	Ratio	Lower Upper
75	100	
77	1.1	19.1 57.5#

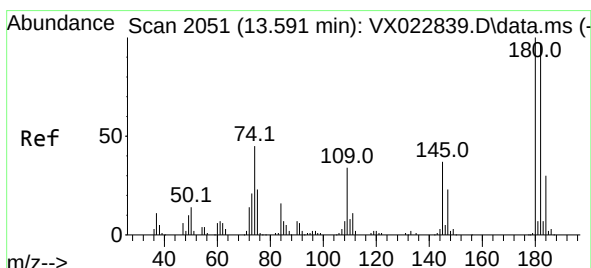
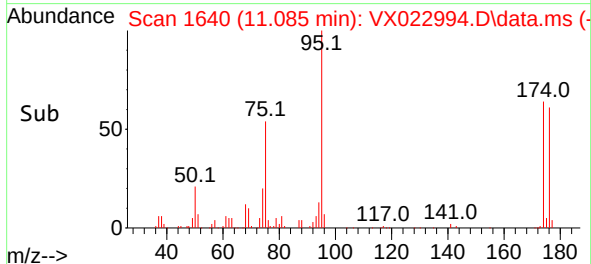
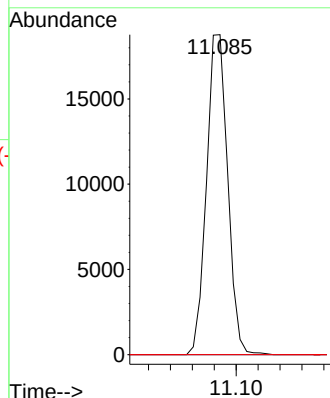
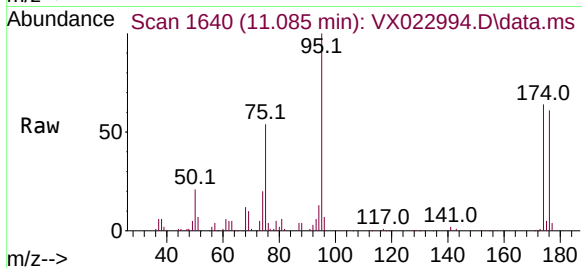




#81
trans-1,4-Dichloro-2-butene
Concen: 69.034 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

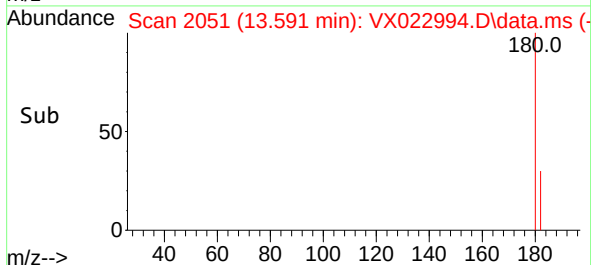
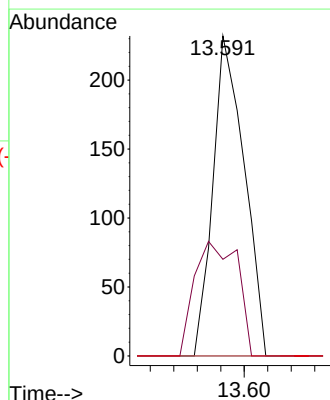
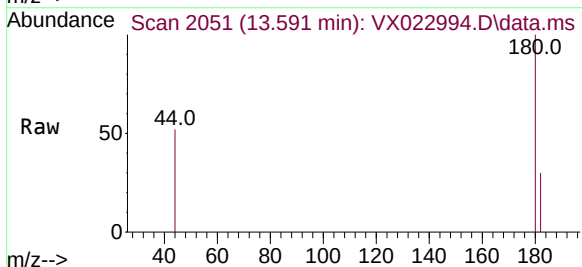
Instrument :
MSVOA_X
ClientSampled :

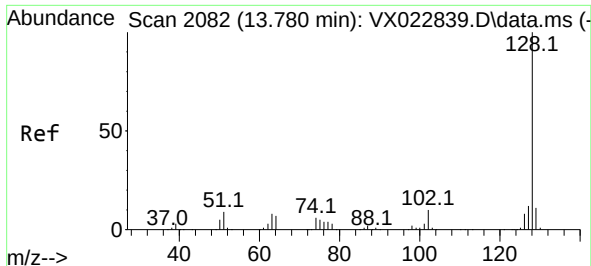
Tgt Ion: 75 Resp: 25154
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.325 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion:180 Resp: 214
Ion Ratio Lower Upper
180 100
182 49.1 47.7 143.1
145 0.0 15.0 45.0#

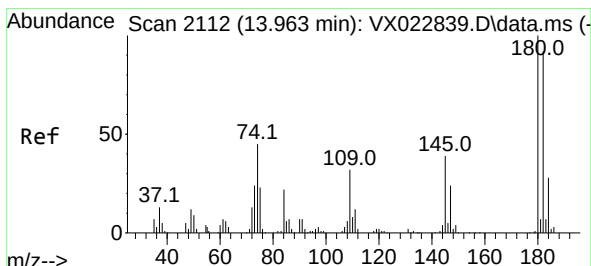
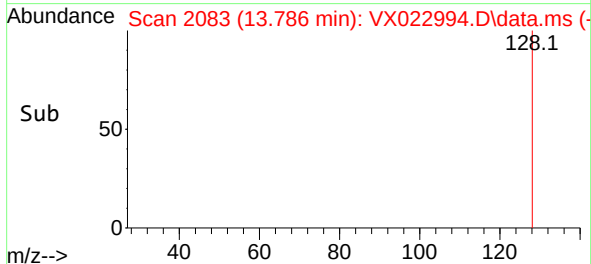
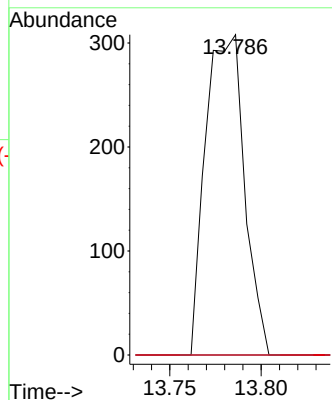
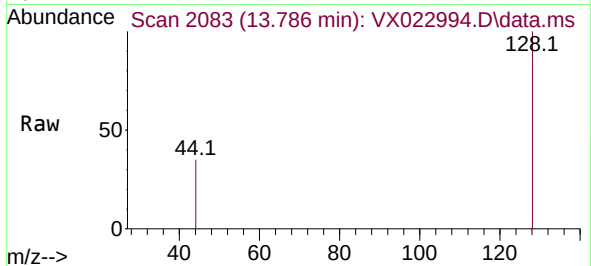




#95
Naphthalene
Concen: 2.073 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:128 Resp: 456
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX022994.D
Acq: 29 Jun 2021 11:27

Tgt Ion:180 Resp: 142
Ion Ratio Lower Upper
180 100
182 43.7 47.6 142.9#
145 35.2 16.1 48.3

