

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023063.D
 Acq On : 01 Jul 2021 03:53
 Operator : JC/MD
 Sample : M2845-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 07:04:45 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)

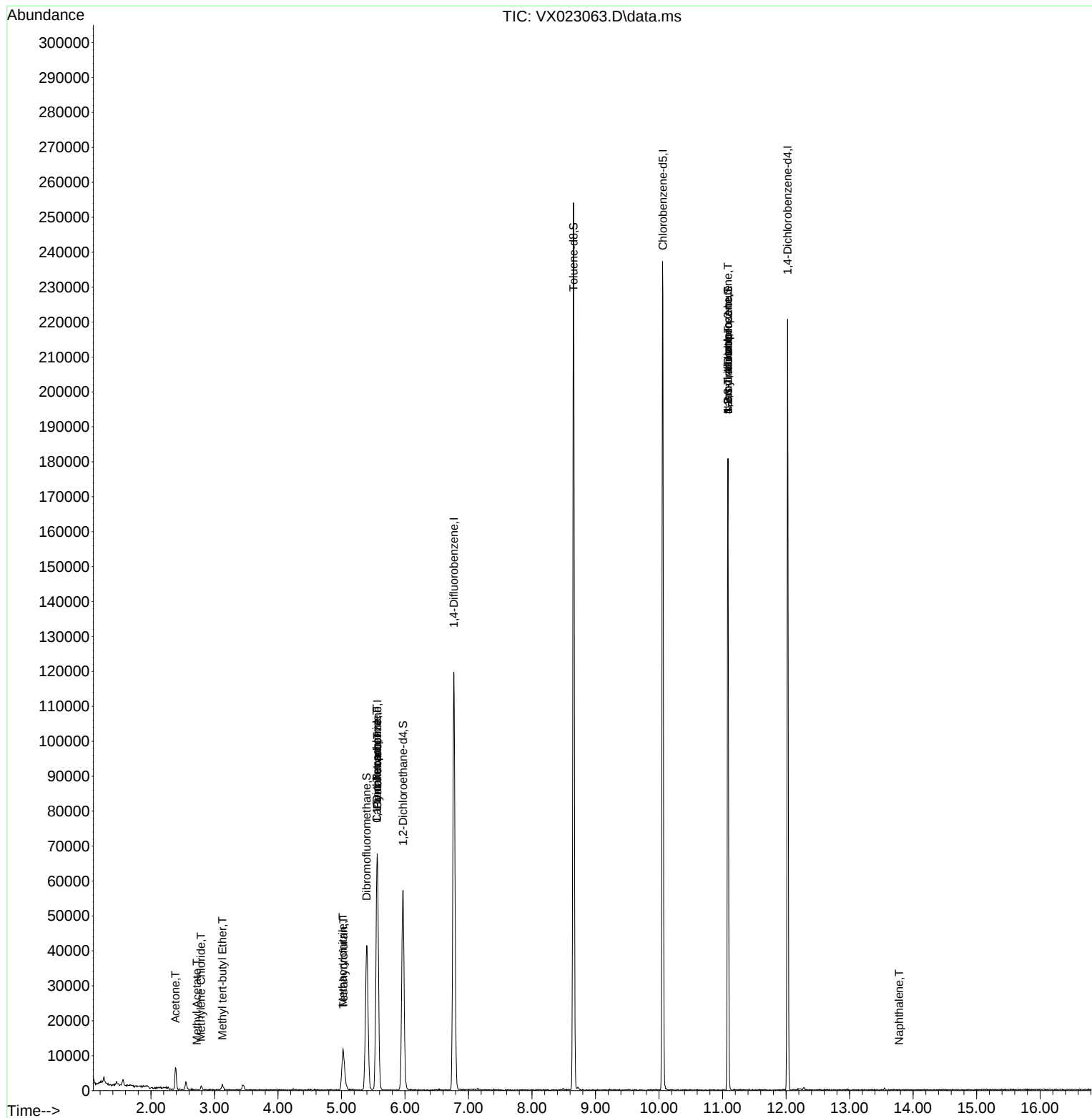
Internal Standards						
1) Pentafluorobenzene	5.562	168	53479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	98446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	55067	56.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.480%
35) Dibromofluoromethane	5.397	113	35715	51.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.280%
50) Toluene-d8	8.653	98	136093	49.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.085	95	46898	45.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.820%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	6950	16.153	ug/l	# 77
18) Methyl Acetate	2.721	43	246	0.232	ug/l	# 47
19) Methyl tert-butyl Ether	3.123	73	1301	0.523	ug/l	# 83
20) Methylene Chloride	2.788	84	484	0.935	ug/l	# 90
29) Tetrahydrofuran	5.031	42	11334	26.336	ug/l	# 82
31) Cyclohexane	5.562	56	1789	1.306	ug/l	# 62
36) 1,1-Dichloropropene	5.556	75	5839	4.999	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	6871	7.013	ug/l	# 16
41) Methacrylonitrile	5.019	41	6678	8.959	ug/l	# 43
74) N-amyl acetate	11.085	43	56	2.085	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	26900	27.446	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26900	70.990	ug/l	# 12
95) Naphthalene	13.780	128	80	1.948	ug/l	# 69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
Data File : VX023063.D
Acq On : 01 Jul 2021 03:53
Operator : JC/MD
Sample : M2845-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 01 07:04:45 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

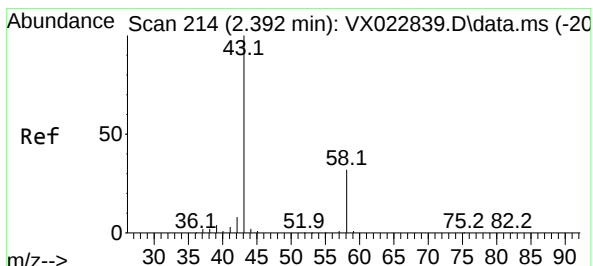
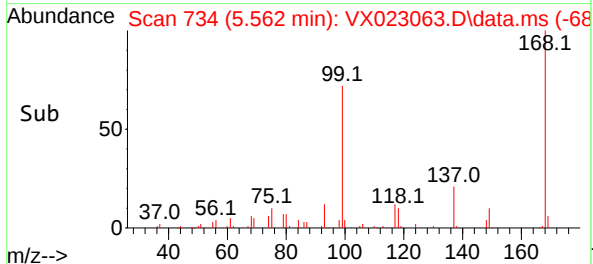
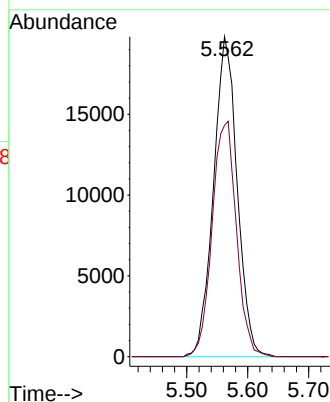
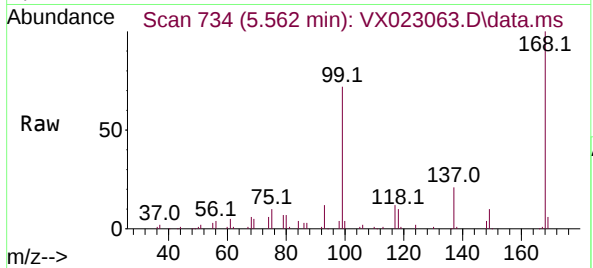




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

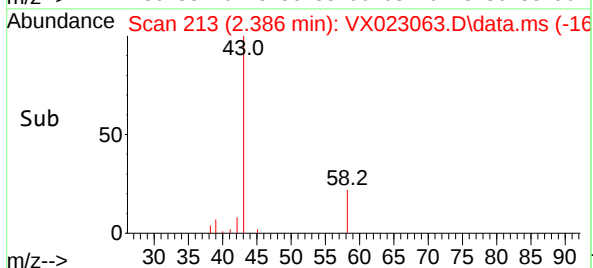
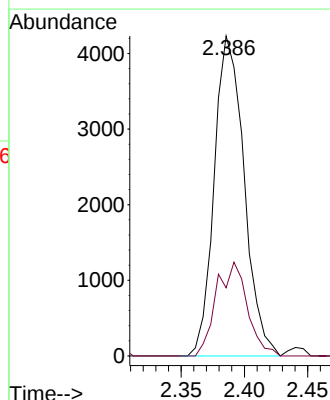
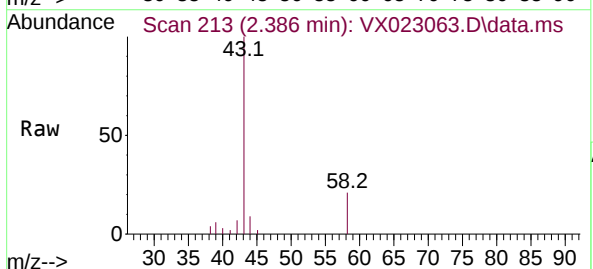
Instrument :
MSVOA_X
ClientSampleId :

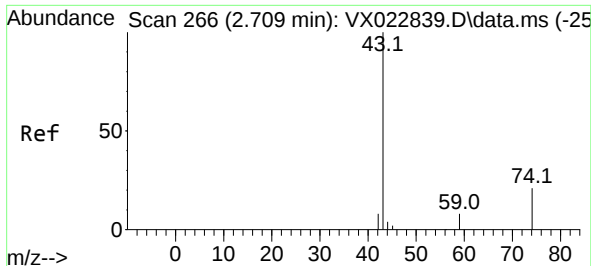
Tgt Ion:168 Resp: 53479
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#16
Acetone
Concen: 16.153 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 43 Resp: 6950
Ion Ratio Lower Upper
43 100
58 21.3 27.8 41.8#





#18

Methyl Acetate

Concen: 0.232 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.012 min

Lab File: VX023063.D

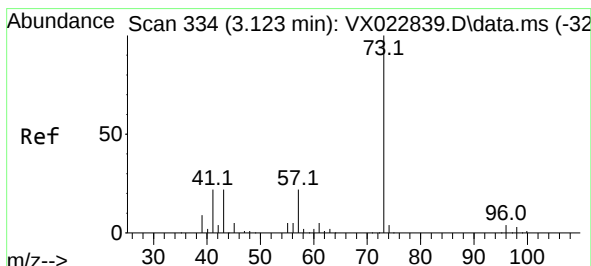
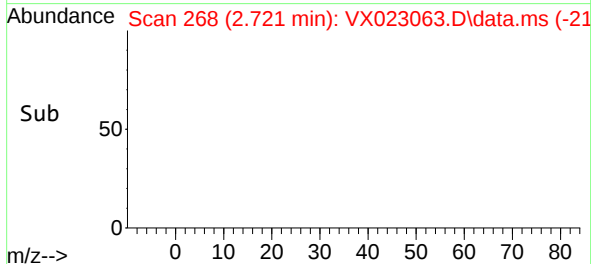
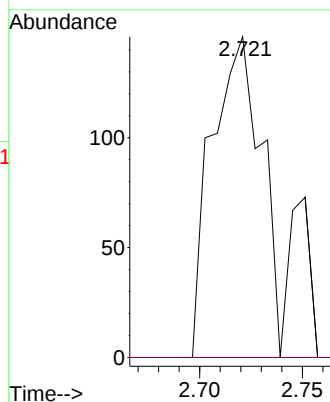
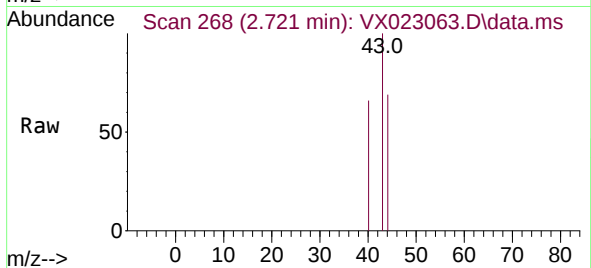
Acq: 01 Jul 2021 03:53

Tgt Ion: 43 Resp: 246

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.523 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX023063.D

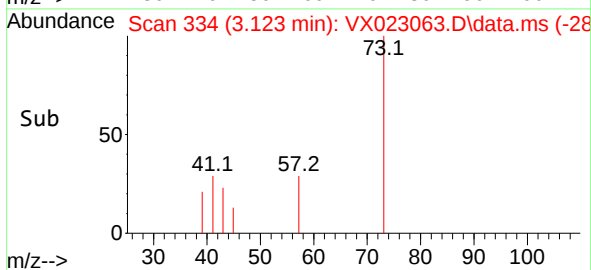
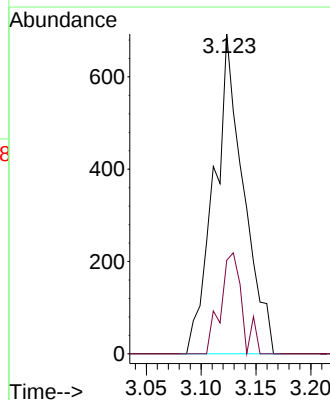
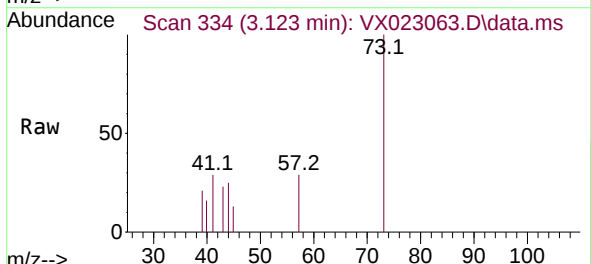
Acq: 01 Jul 2021 03:53

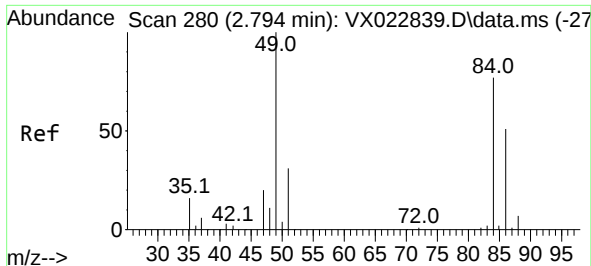
Tgt Ion: 73 Resp: 1301

Ion Ratio Lower Upper

73 100

57 29.3 17.1 25.7#





#20

Methylene Chloride

Concen: 0.935 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023063.D

Acq: 01 Jul 2021 03:53

Tgt Ion: 84 Resp: 484

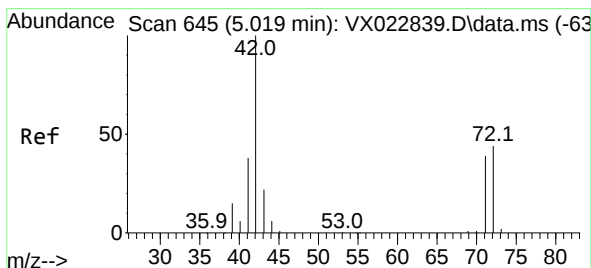
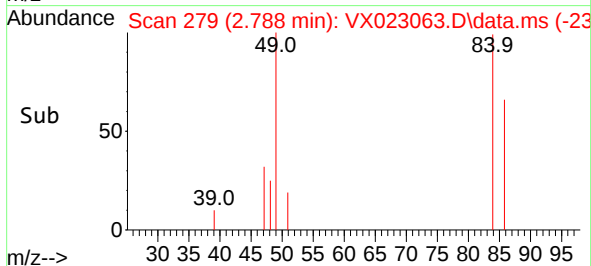
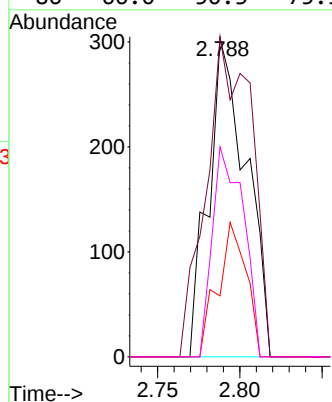
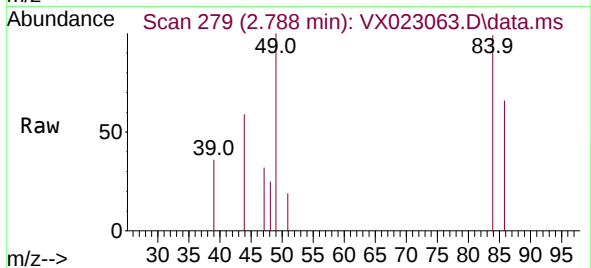
Ion Ratio Lower Upper

84 100

49 100.7 88.6 132.8

51 19.1 27.0 40.6#

86 66.0 50.3 75.5



#29

Tetrahydrofuran

Concen: 26.336 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX023063.D

Acq: 01 Jul 2021 03:53

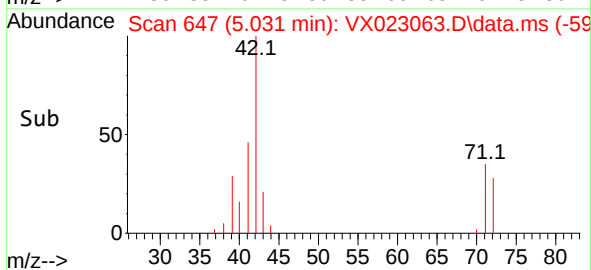
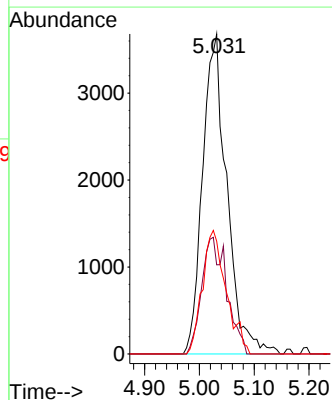
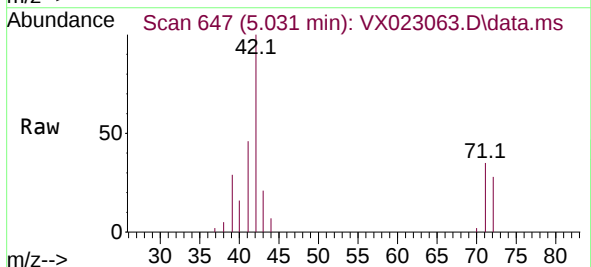
Tgt Ion: 42 Resp: 11334

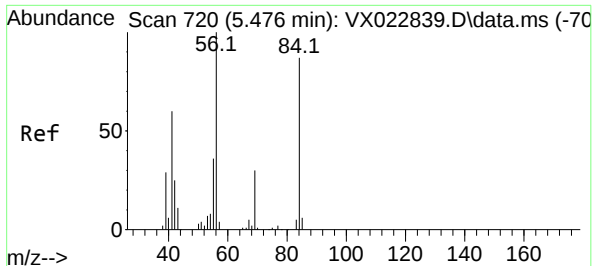
Ion Ratio Lower Upper

42 100

72 37.4 41.7 62.5#

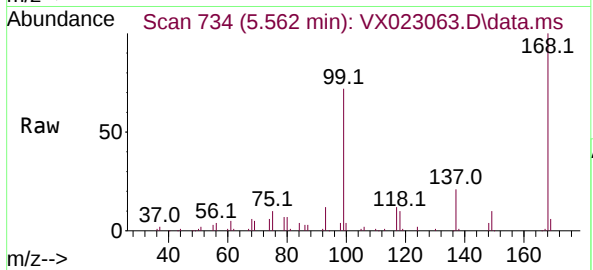
71 37.6 38.4 57.6#



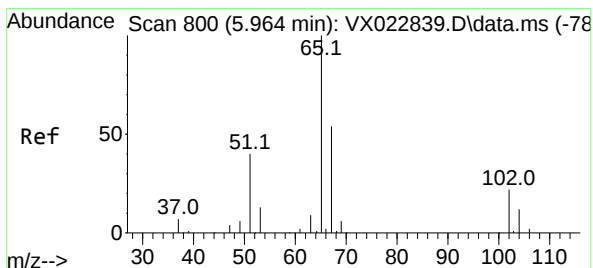
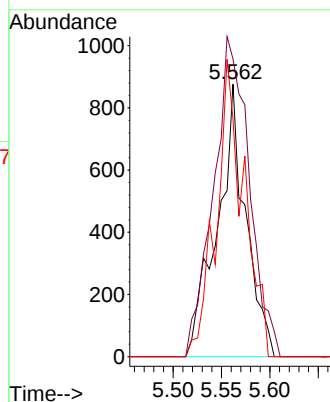
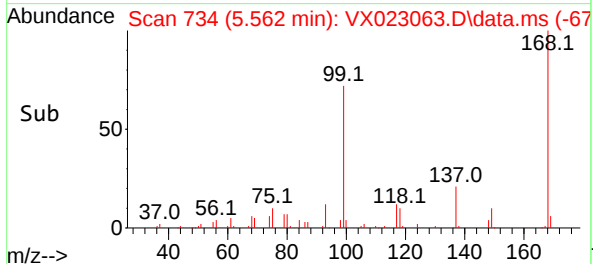


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

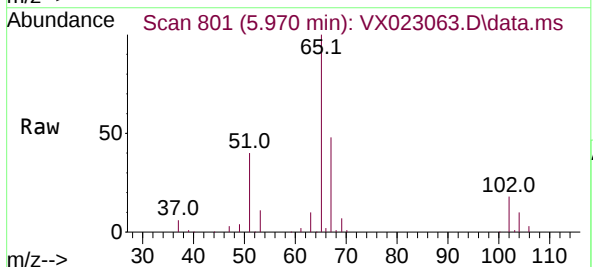
Instrument :
MSVOA_X
ClientSampleId :



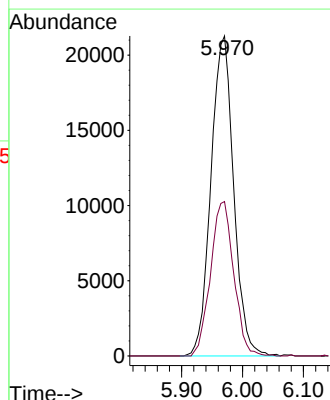
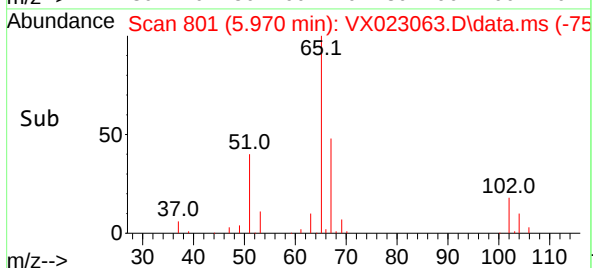
Tgt Ion: 56 Resp: 1789
Ion Ratio Lower Upper
56 100
69 109.2 25.3 37.9#
84 87.2 71.4 107.0

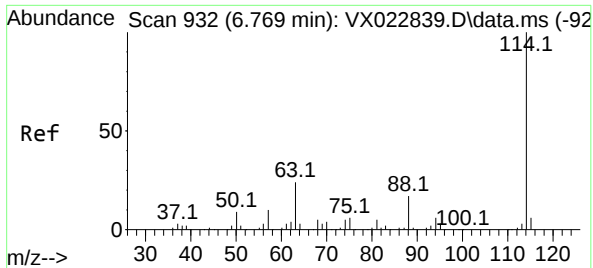


#33
1,2-Dichloroethane-d4
Concen: 56.739 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53



Tgt Ion: 65 Resp: 55067
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4

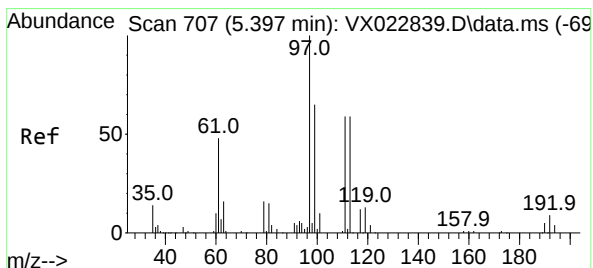
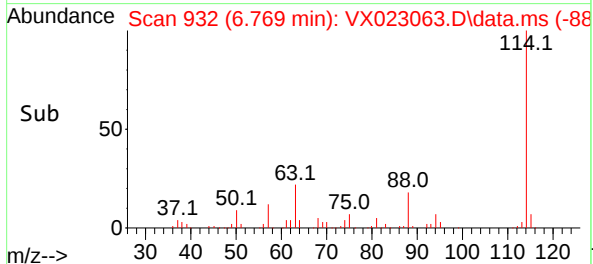
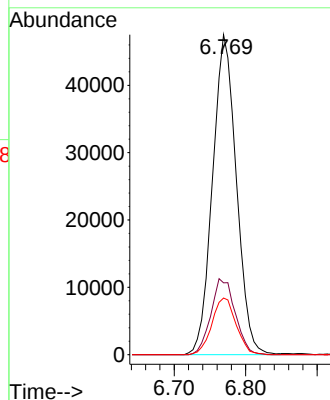
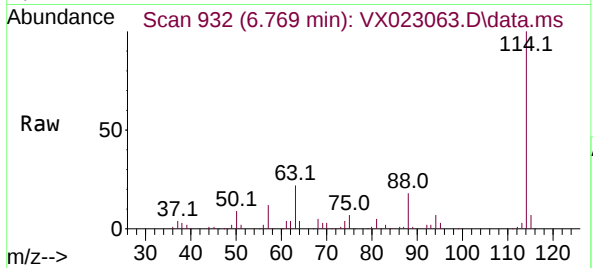




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

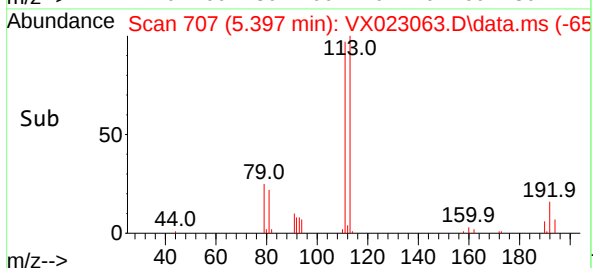
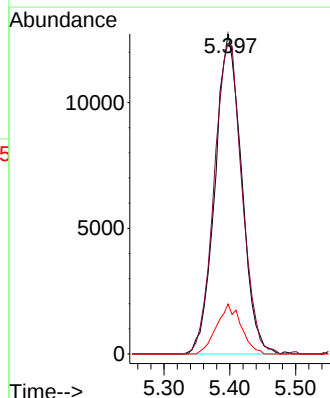
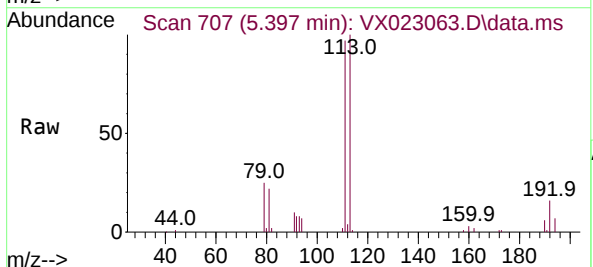
Instrument :
MSVOA_X
ClientSampled :

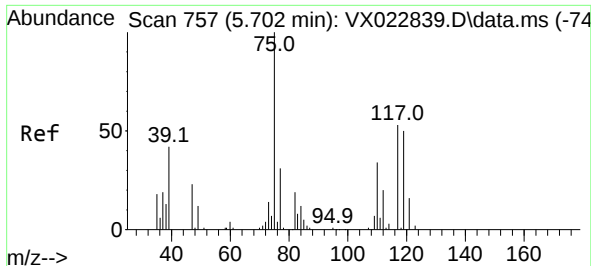
Tgt Ion:114 Resp: 109974
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.141 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion:113 Resp: 35715
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 14.4 16.7 25.1#

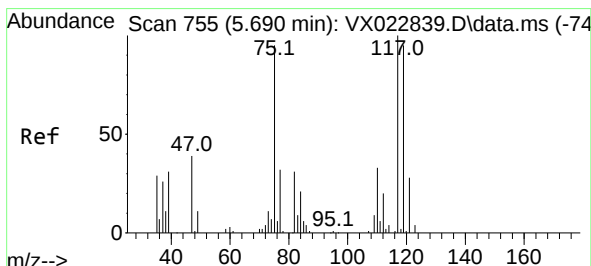
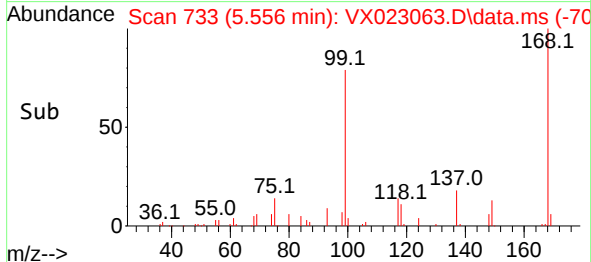
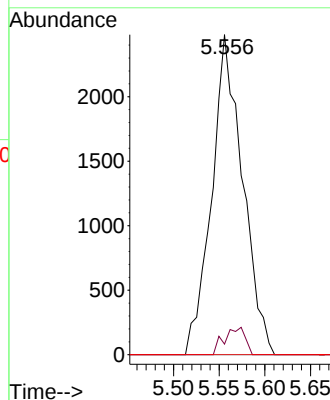
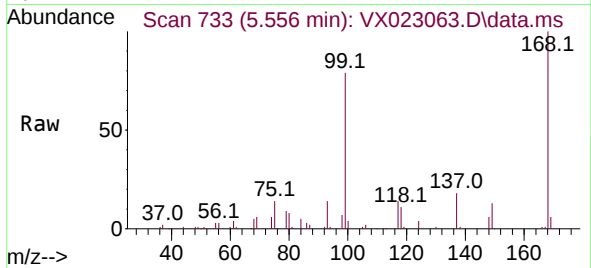




#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

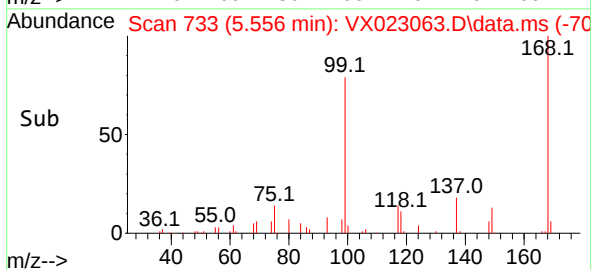
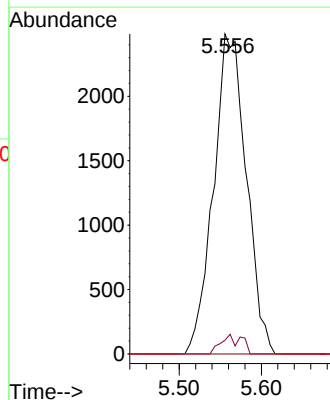
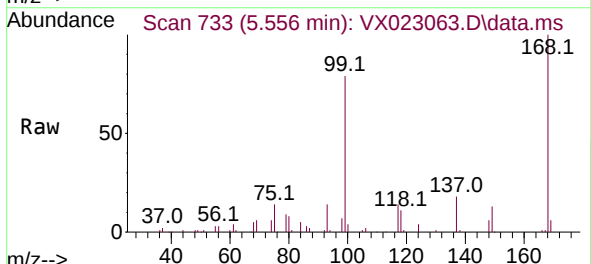
Instrument :
MSVOA_X
ClientSampleId :

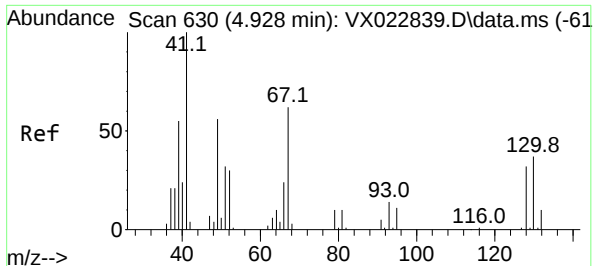
Tgt Ion: 75 Resp: 5839
Ion Ratio Lower Upper
75 100
110 5.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.013 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 117 Resp: 6871
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

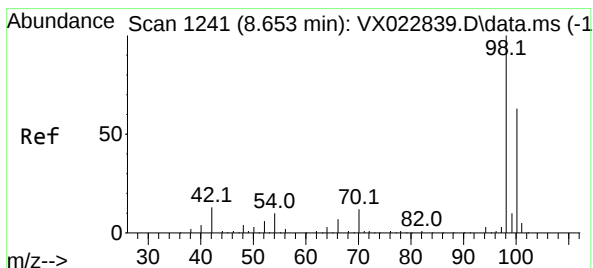
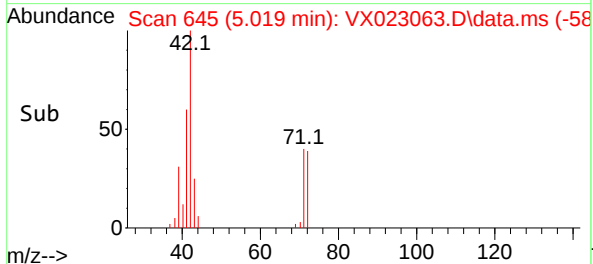
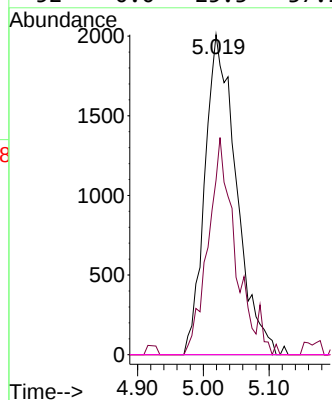
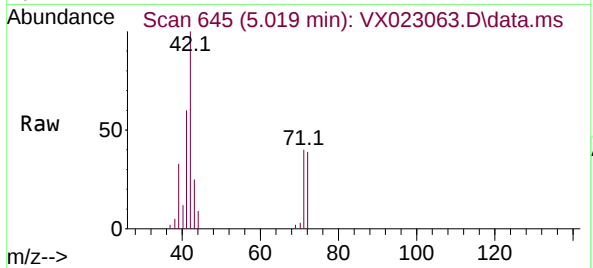




#41
Methacrylonitrile
Concen: 8.959 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

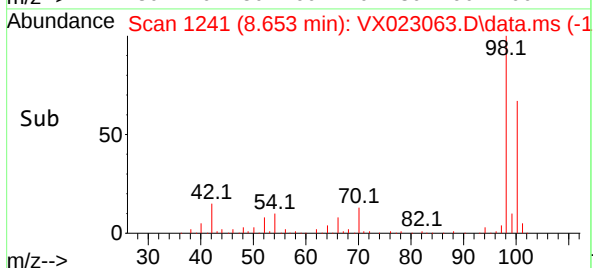
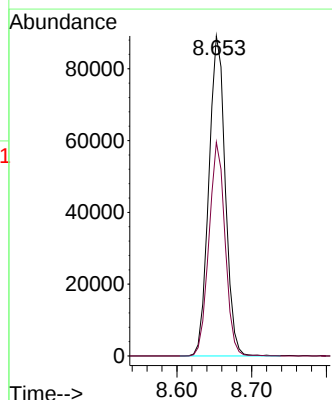
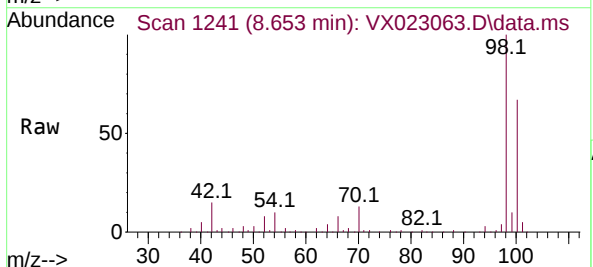
Instrument :
MSVOA_X
ClientSampled :

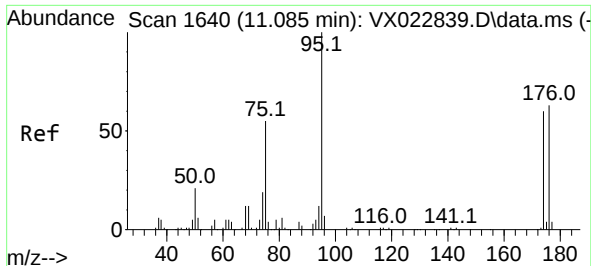
Tgt Ion: 41 Resp: 6678
Ion Ratio Lower Upper
41 100
39 56.5 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.723 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 98 Resp: 136093
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

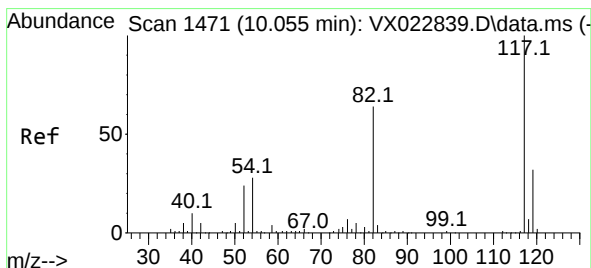
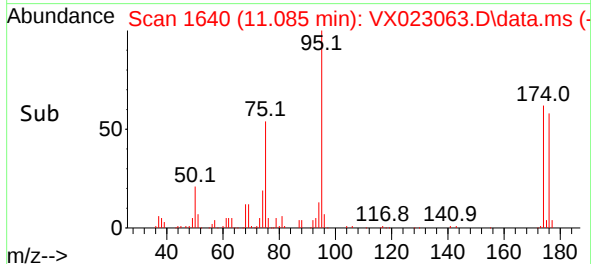
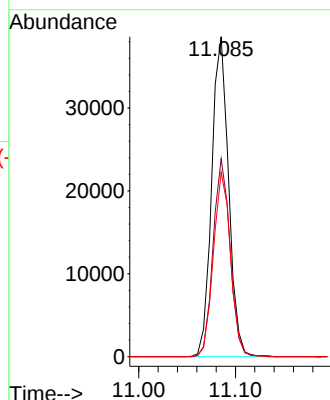
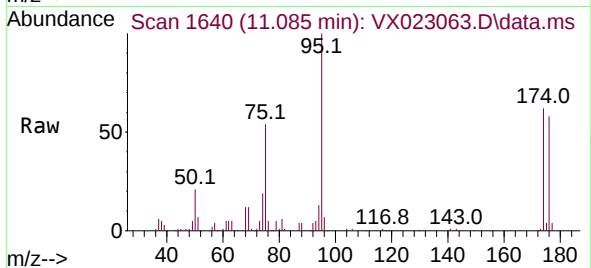




#62
4-Bromofluorobenzene
Concen: 45.912 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

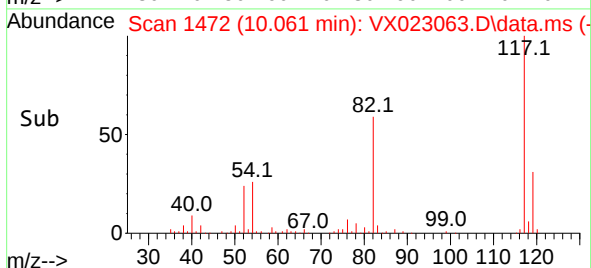
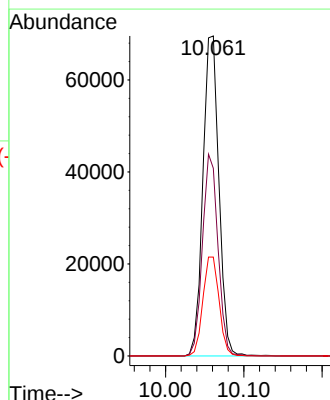
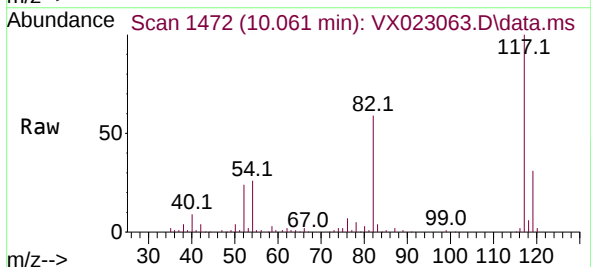
Instrument :
MSVOA_X
ClientSampleId :

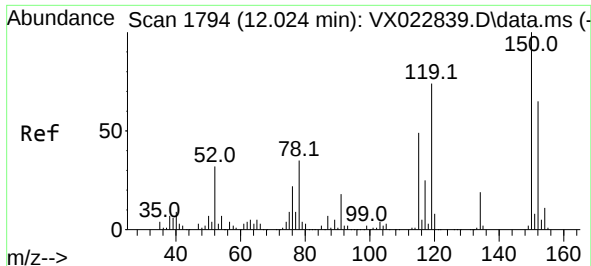
Tgt Ion: 95 Resp: 46898
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 58.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 117 Resp: 98446
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 30.9 26.6 39.8

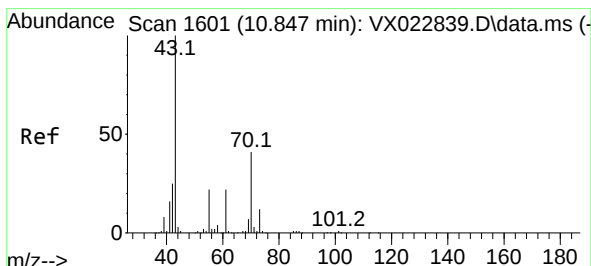
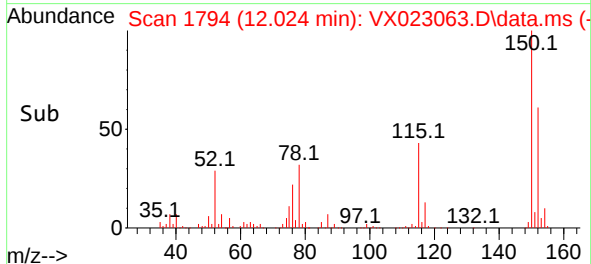
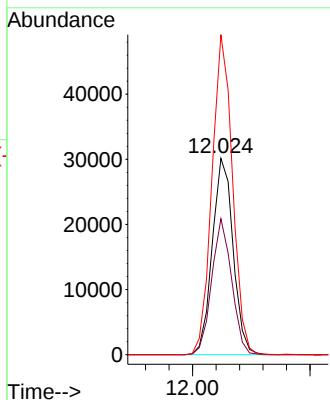
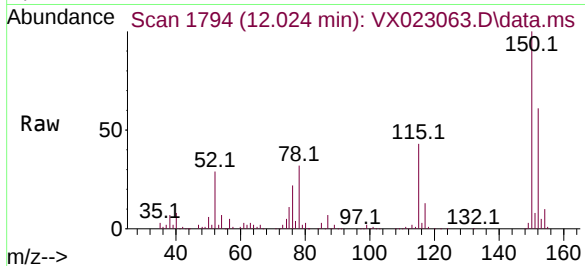




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

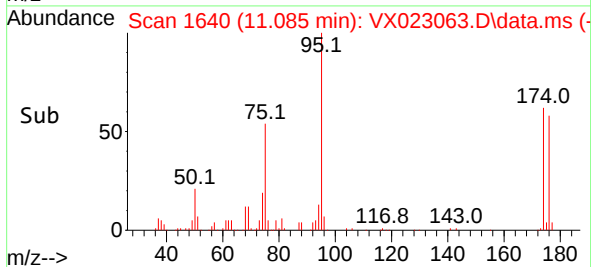
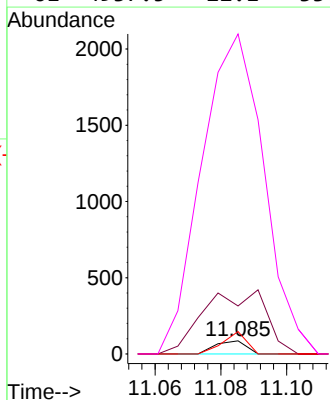
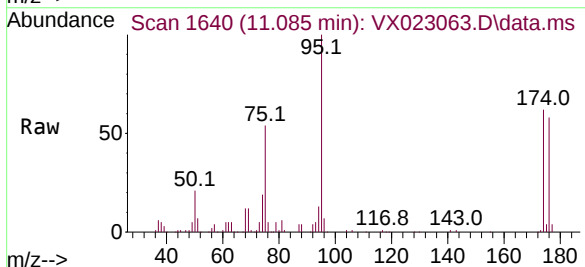
Instrument :
MSVOA_X
ClientSampled :

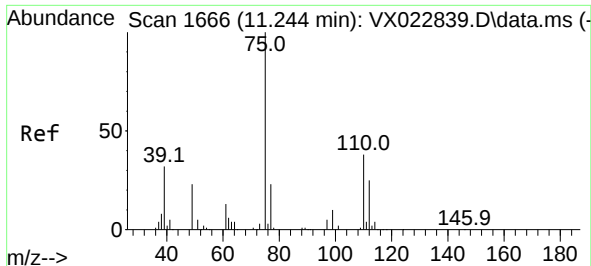
Tgt Ion:152 Resp: 37106
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 160.2 0.0 349.0



#74
N-ethyl acetate
Concen: 2.085 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.238 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
70 985.7 39.0 58.6#
55 132.1 21.5 32.3#
61 4937.5 22.1 33.1#

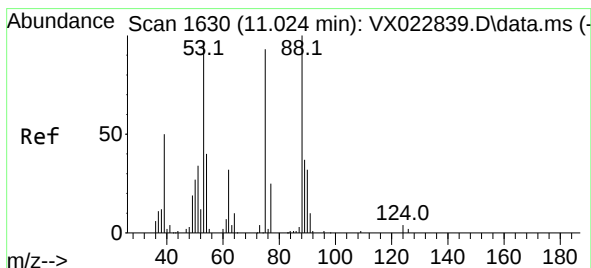
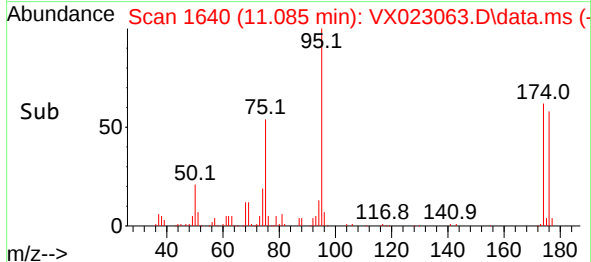
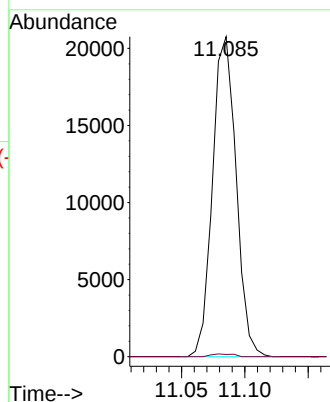
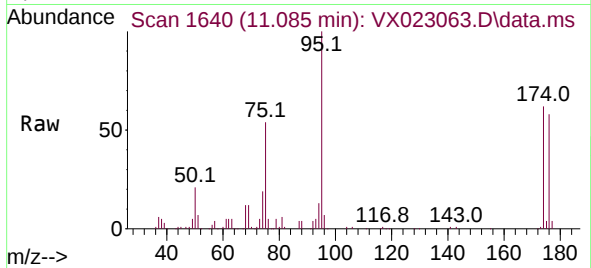




#76
1,2,3-Trichloropropane
Concen: 27.446 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

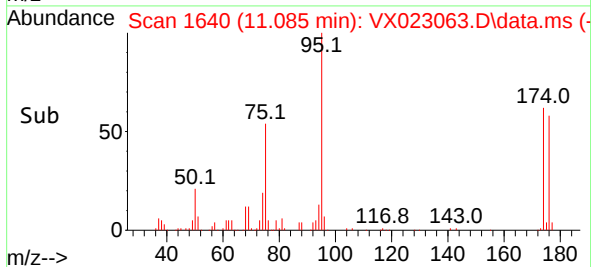
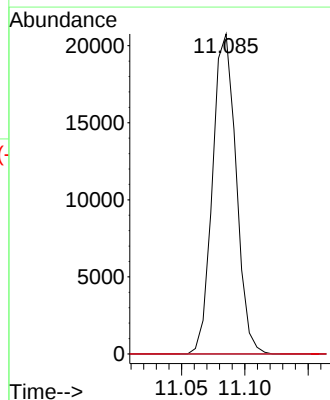
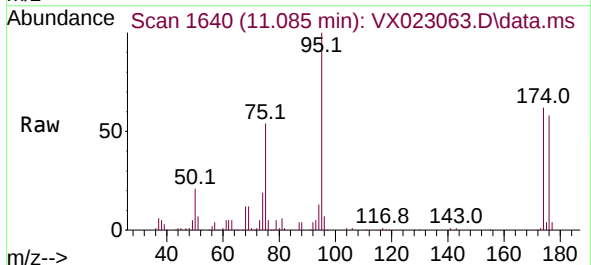
Instrument :
MSVOA_X
ClientSampled :

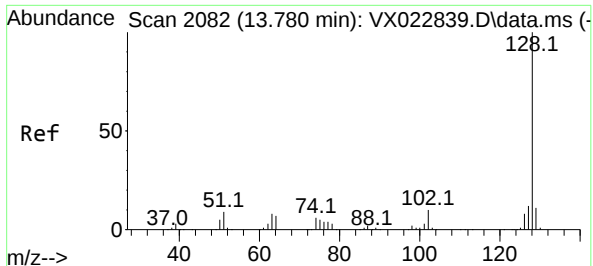
Tgt Ion: 75 Resp: 26900
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.990 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

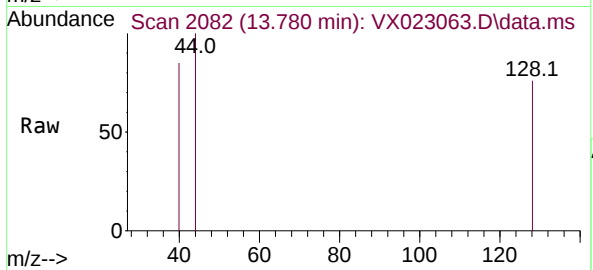
Tgt Ion: 75 Resp: 26900
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.948 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023063.D
Acq: 01 Jul 2021 03:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128	Resp:	80
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

