

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022856.D
 Acq On : 23 Jun 2021 21:39
 Operator : JC/MD
 Sample : M2803-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 24 03:38:21 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)

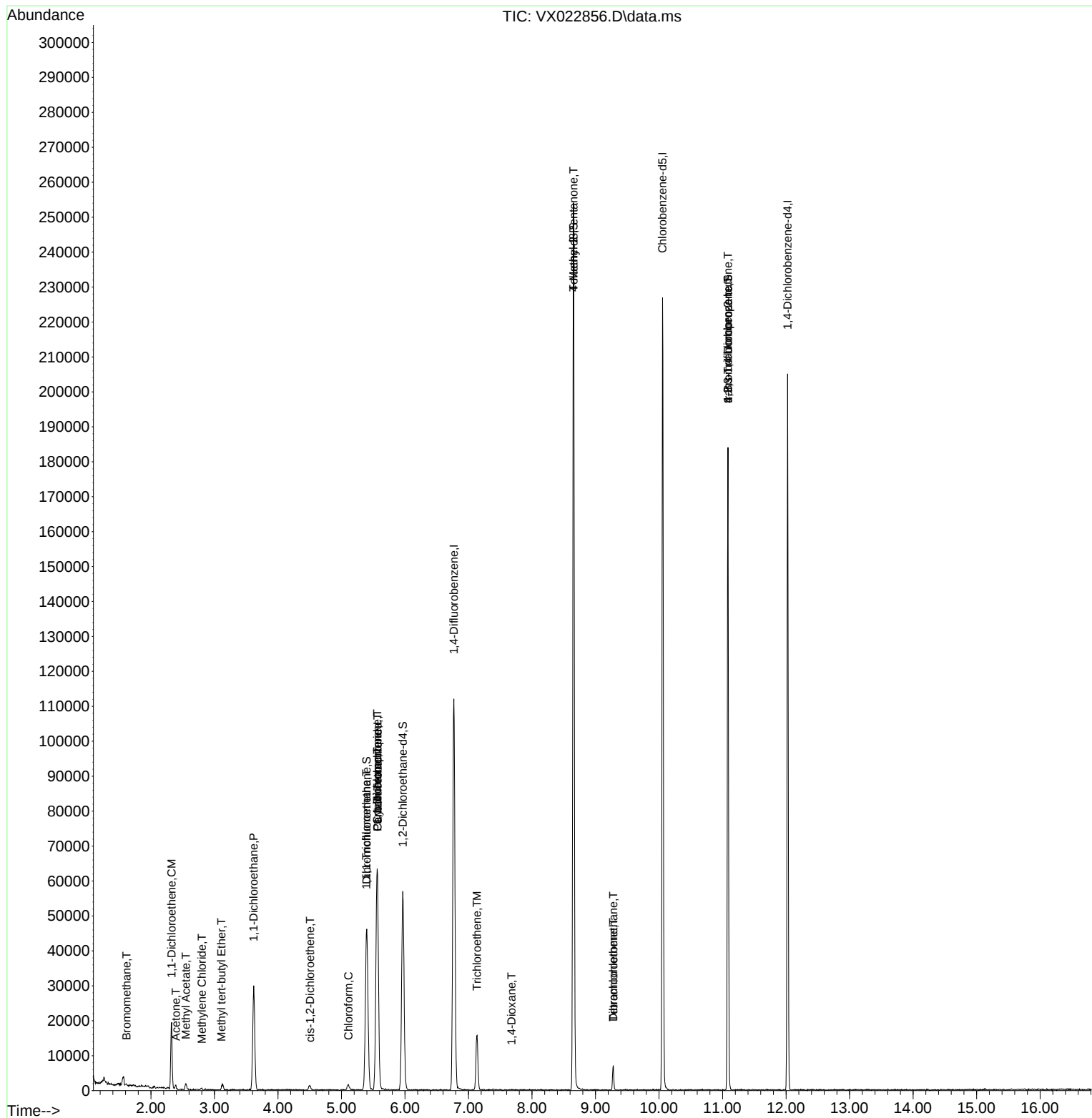
Internal Standards						
1) Pentafluorobenzene	5.568	168	53181	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	108966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51744	53.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.220%
35) Dibromofluoromethane	5.397	113	36129	52.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	8.653	98	143104	52.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.540%
62) 4-Bromofluorobenzene	11.085	95	47886	47.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	116	0.277	ug/l #	65
12) 1,1-Dichloroethene	2.325	96	5907	8.562	ug/l	87
16) Acetone	2.392	43	1234	2.884	ug/l #	79
18) Methyl Acetate	2.550	43	627	0.595	ug/l #	47
19) Methyl tert-butyl Ether	3.111	73	1563	0.632	ug/l	95
20) Methylene Chloride	2.800	84	187	0.591	ug/l #	74
24) 1,1-Dichloroethane	3.617	63	30870	21.193	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	506	0.596	ug/l #	1
30) Chloroform	5.111	83	1699	1.160	ug/l	98
31) Cyclohexane	5.562	56	1518	1.114	ug/l #	1
32) 1,1,1-Trichloroethane	5.391	97	3671	3.118	ug/l #	88
36) 1,1-Dichloropropene	5.562	75	5768	4.984	ug/l #	47
38) Carbon Tetrachloride	5.568	117	6269	6.458	ug/l #	16
44) Trichloroethene	7.135	130	5631	7.115	ug/l	93
49) 1,4-Dioxane	7.678	88	162	7.544	ug/l #	36
51) 4-Methyl-2-Pentanone	8.653	43	881	0.657	ug/l #	1
60) Dibromochloromethane	9.281	129	1142	4.985	ug/l #	11
64) Tetrachloroethene	9.281	164	1023	1.507	ug/l #	74
76) 1,2,3-Trichloropropane	11.085	75	25910	27.791	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25910	71.802	ug/l #	12

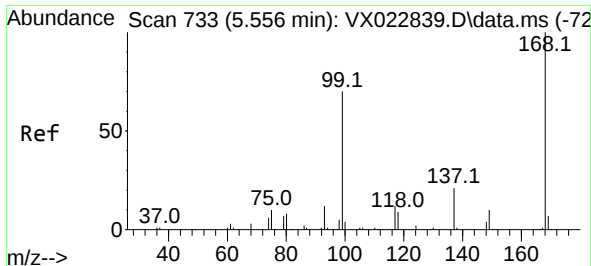
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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

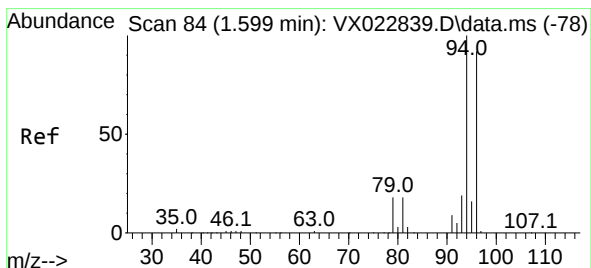
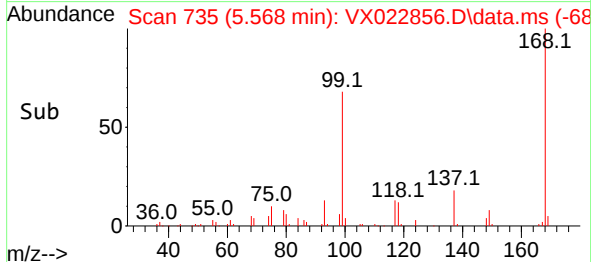
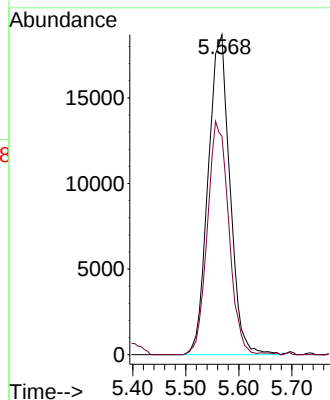
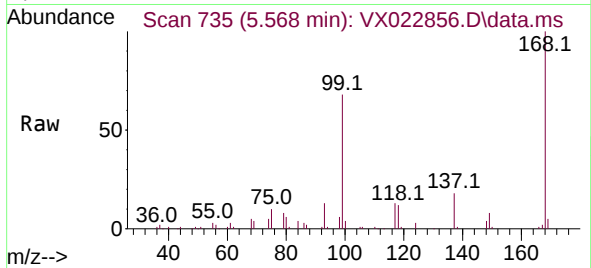




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

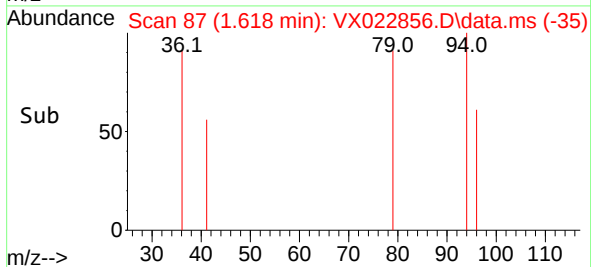
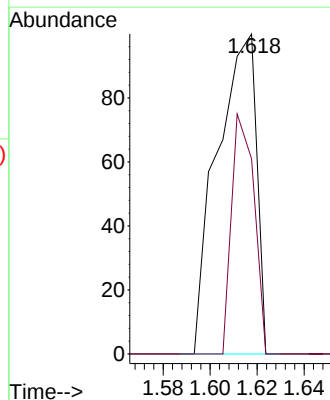
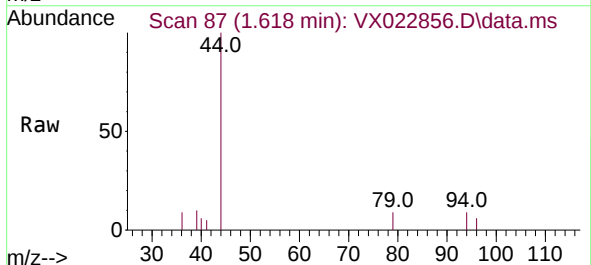
Instrument :
MSVOA_X
ClientSampled :

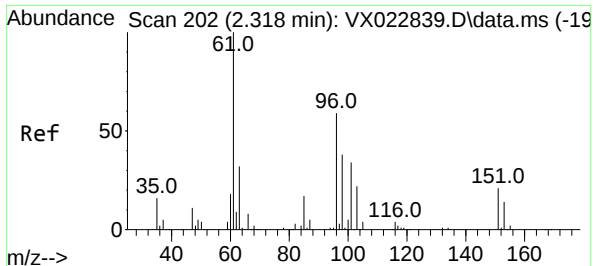
Tgt Ion:168 Resp: 53181
Ion Ratio Lower Upper
168 100
99 68.2 45.8 68.6



#5
Bromomethane
Concen: 0.277 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 61.0 76.4 114.6#





#12

1,1-Dichloroethene

Concen: 8.562 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

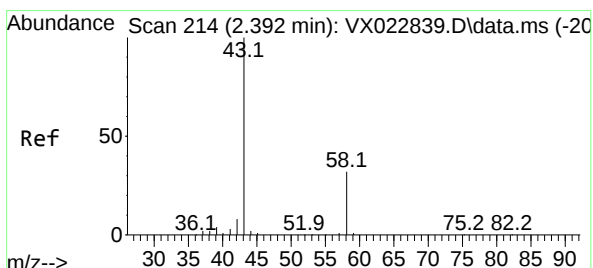
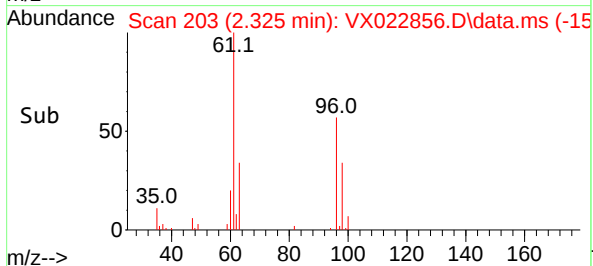
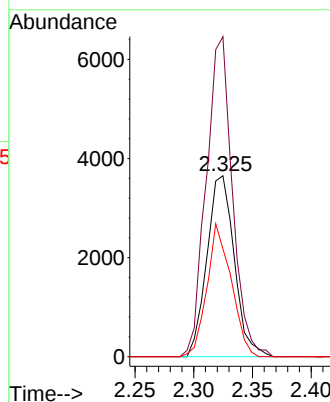
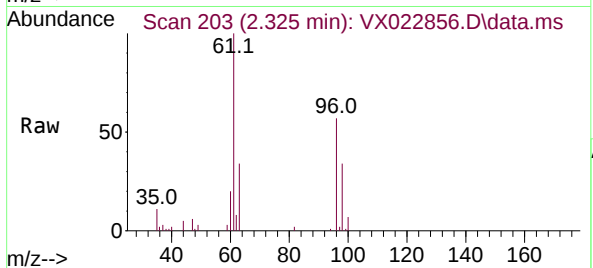
Tgt Ion: 96 Resp: 5907

Ion Ratio Lower Upper

96 100

61 176.8 124.6 187.0

98 59.5 50.6 76.0



#16

Acetone

Concen: 2.884 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022856.D

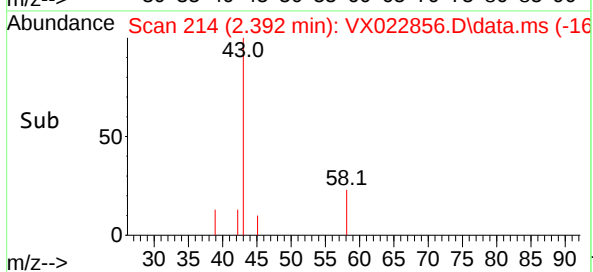
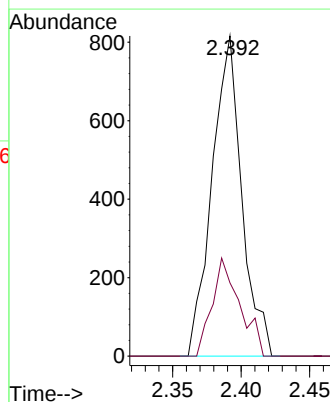
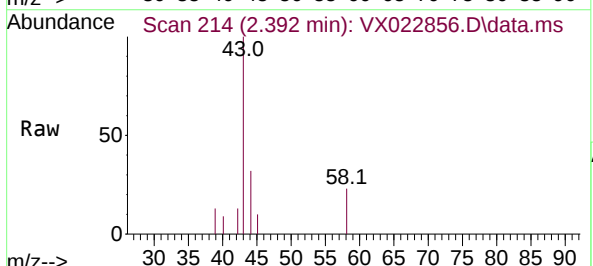
Acq: 23 Jun 2021 21:39

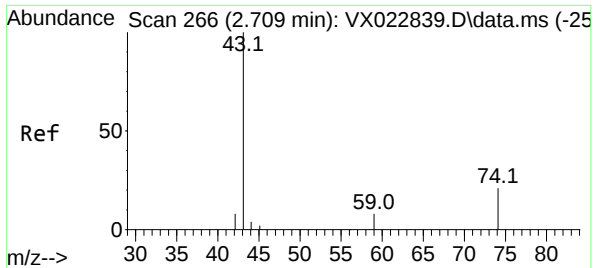
Tgt Ion: 43 Resp: 1234

Ion Ratio Lower Upper

43 100

58 22.9 27.8 41.8#





#18

Methyl Acetate

Concen: 0.595 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.159 min

Lab File: VX022856.D

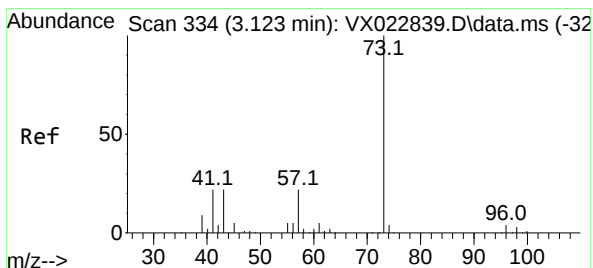
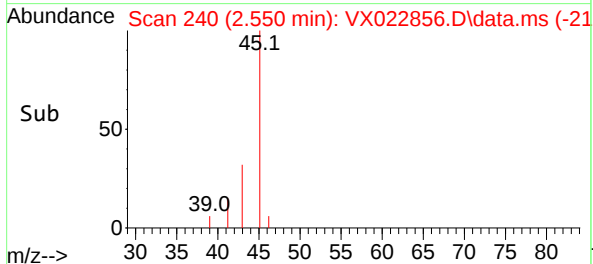
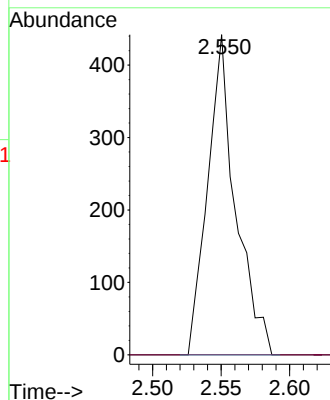
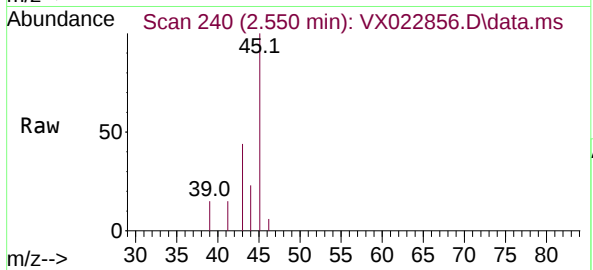
Acq: 23 Jun 2021 21:39

Tgt Ion: 43 Resp: 627

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.632 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.012 min

Lab File: VX022856.D

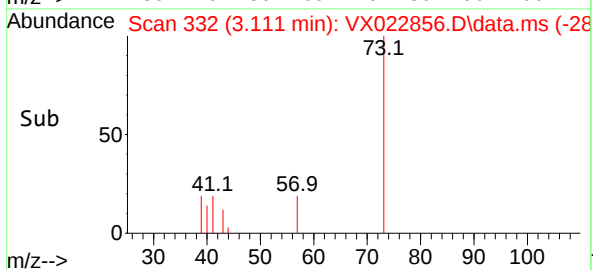
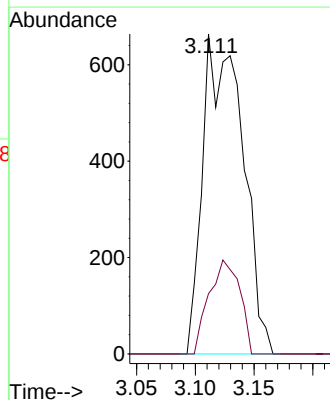
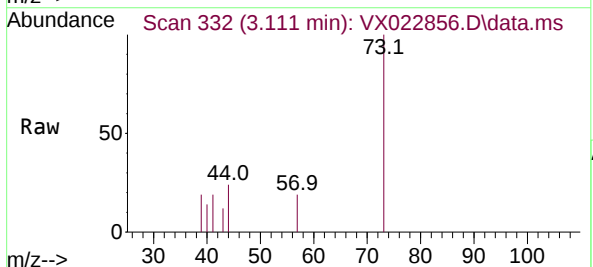
Acq: 23 Jun 2021 21:39

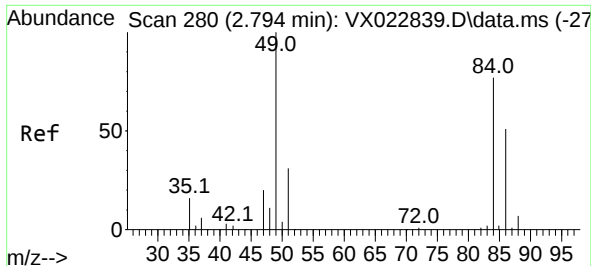
Tgt Ion: 73 Resp: 1563

Ion Ratio Lower Upper

73 100

57 18.8 17.1 25.7





#20

Methylene Chloride

Concen: 0.591 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

Tgt Ion: 84 Resp: 187

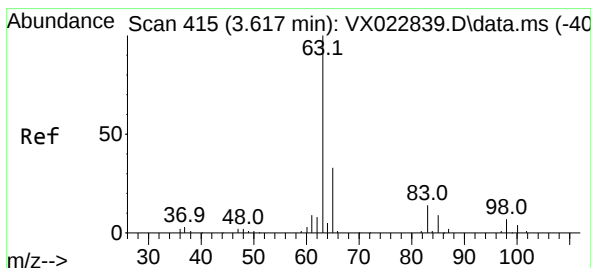
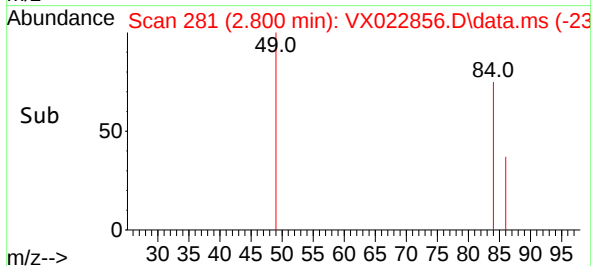
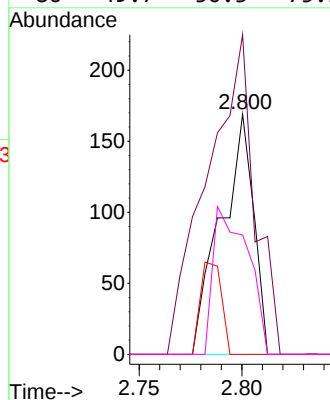
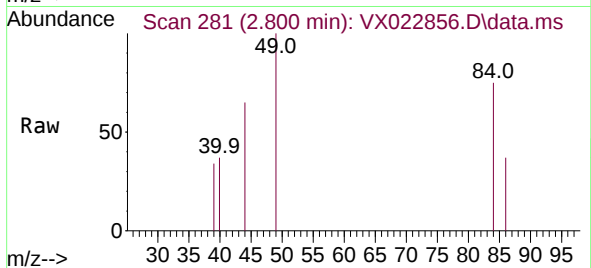
Ion Ratio Lower Upper

84 100

49 133.1 88.6 132.8#

51 0.0 27.0 40.6#

86 49.7 50.3 75.5#



#24

1,1-Dichloroethane

Concen: 21.193 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

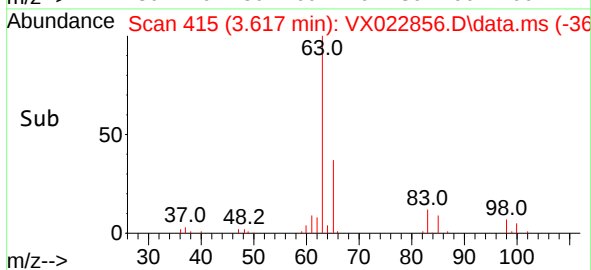
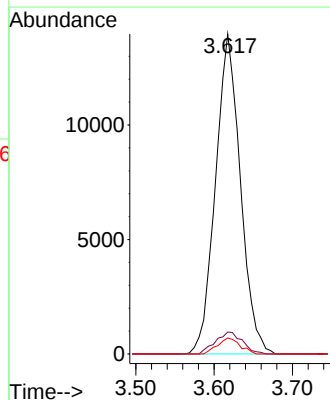
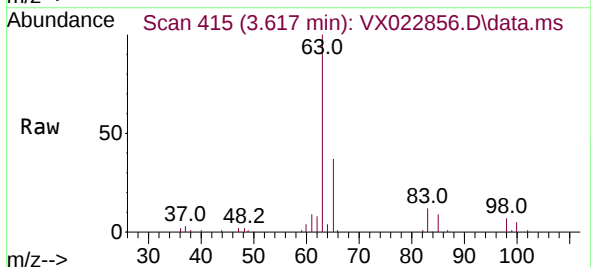
Tgt Ion: 63 Resp: 30870

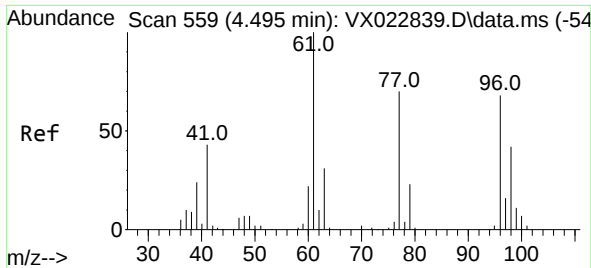
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 5.0 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 0.596 ug/l

RT: 4.507 min Scan# 561

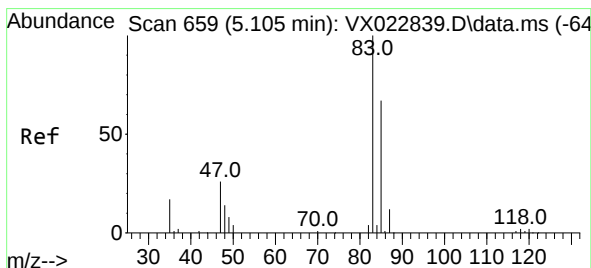
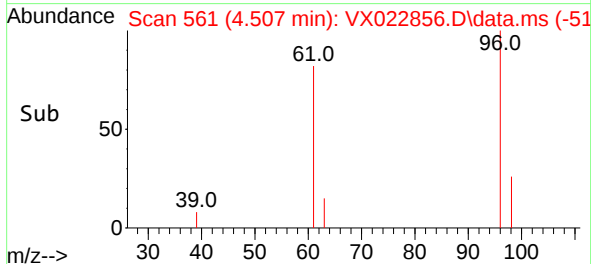
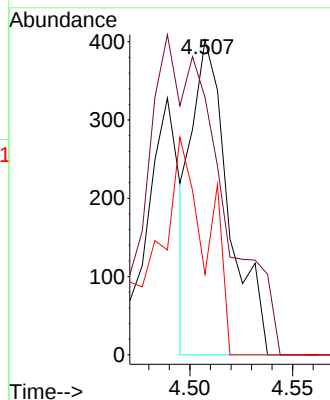
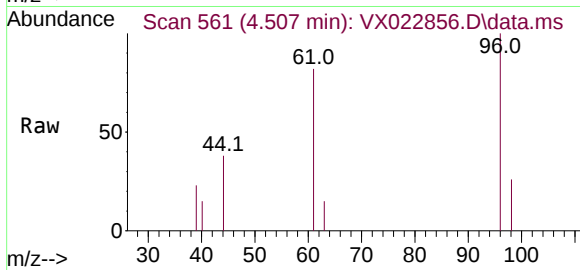
Delta R.T. 0.012 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

Tgt Ion: 96 Resp: 506

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	285.6
98	0.0	0.0	129.6



#30

Chloroform

Concen: 1.160 ug/l

RT: 5.111 min Scan# 660

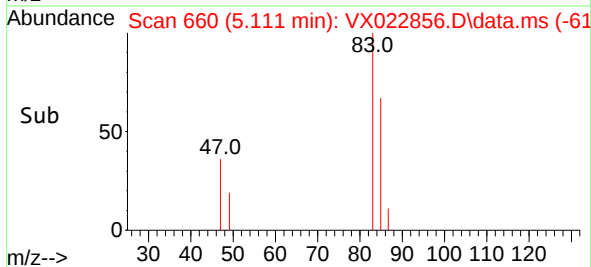
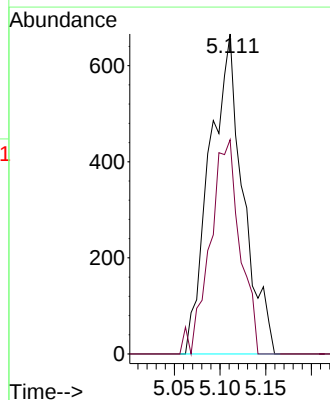
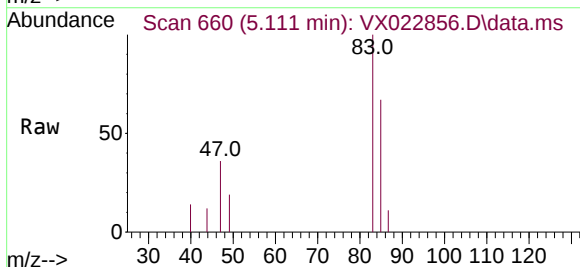
Delta R.T. 0.006 min

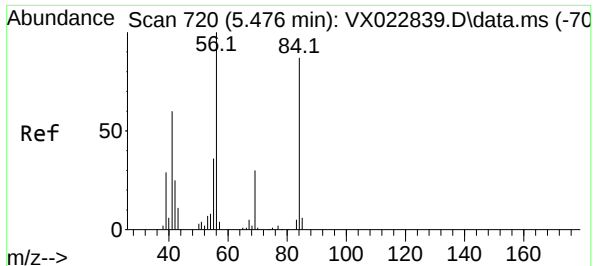
Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

Tgt Ion: 83 Resp: 1699

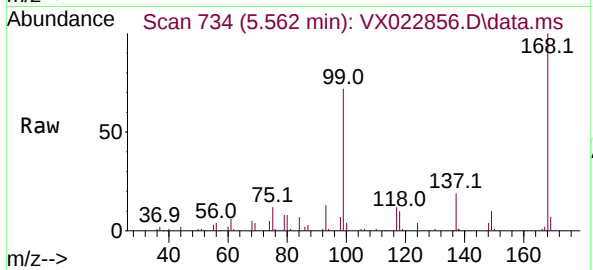
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.0	78.0



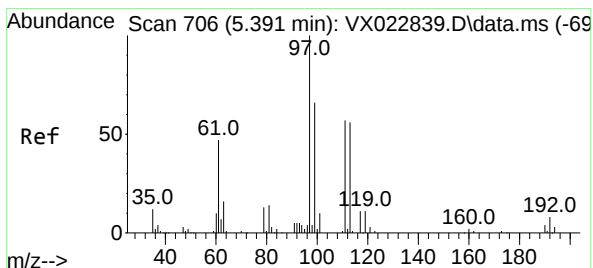
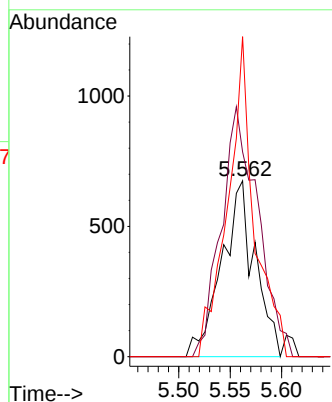
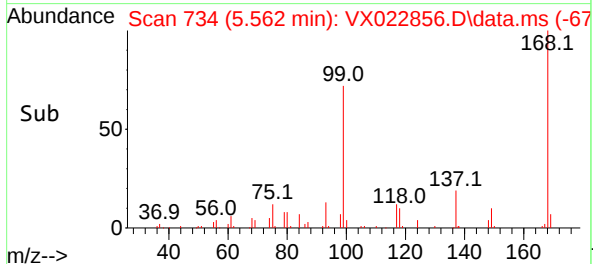


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

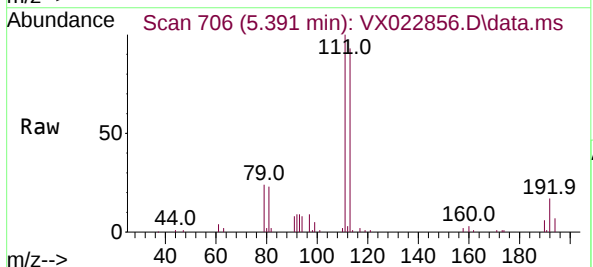
Instrument :
MSVOA_X
ClientSampled :



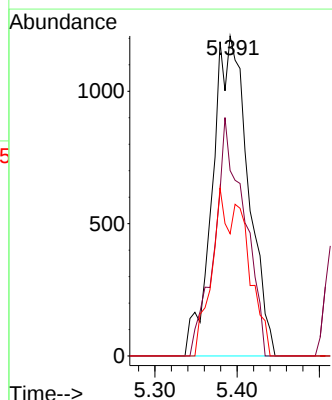
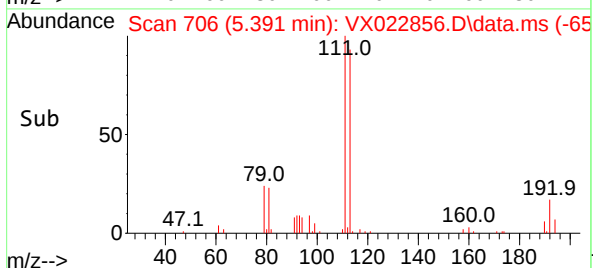
Tgt Ion: 56 Resp: 1518
Ion Ratio Lower Upper
56 100
69 116.4 25.3 37.9#
84 181.9 71.4 107.0#

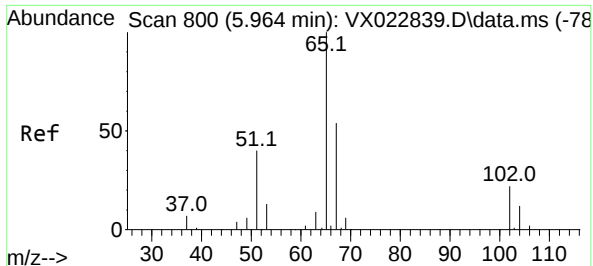


#32
1,1,1-Trichloroethane
Concen: 3.118 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39



Tgt Ion: 97 Resp: 3671
Ion Ratio Lower Upper
97 100
99 61.9 51.5 77.3
61 25.9 34.2 51.4#



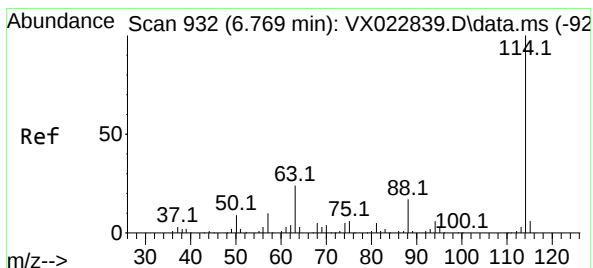
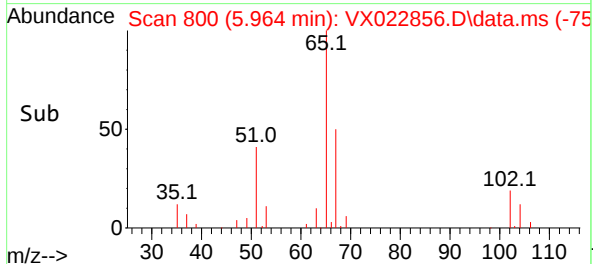
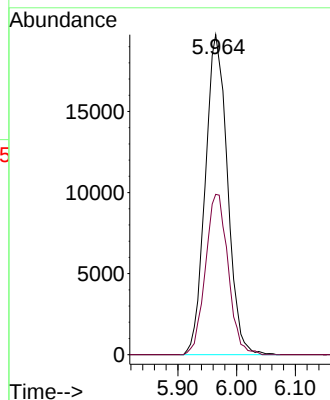
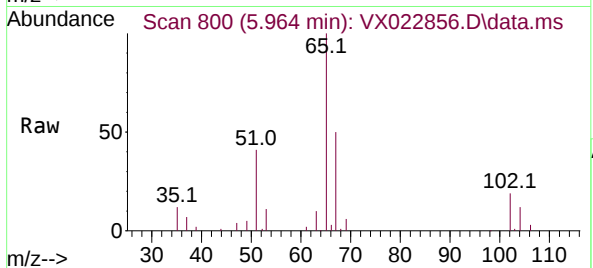


#33

1,2-Dichloroethane-d4
Concen: 53.614 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Instrument :
MSVOA_X
ClientSampled :

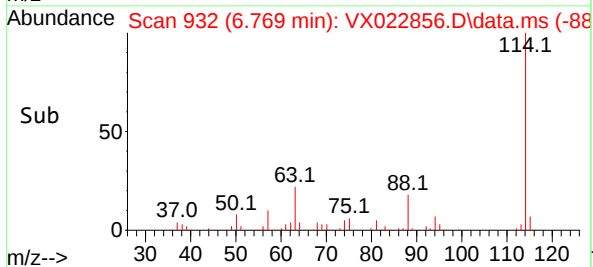
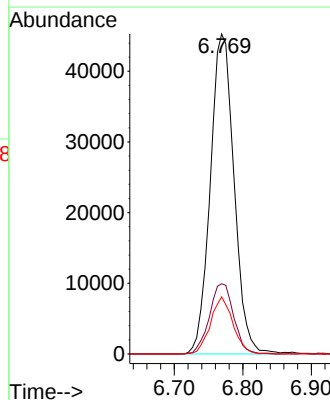
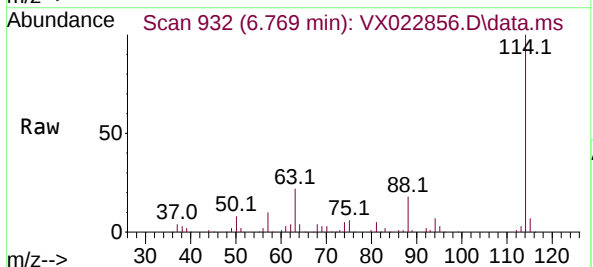
Tgt Ion: 65 Resp: 51744
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

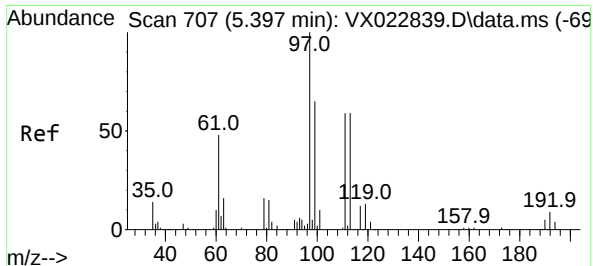


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion:114 Resp: 108966
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 17.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.213 ug/l

RT: 5.397 min Scan# 707

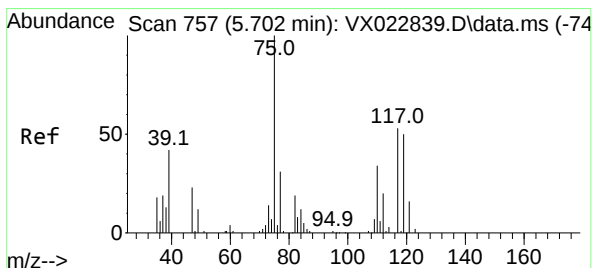
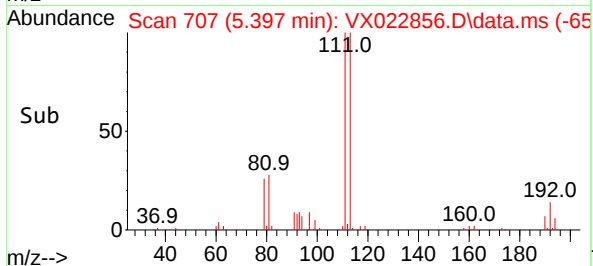
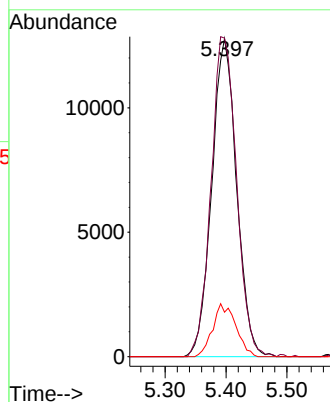
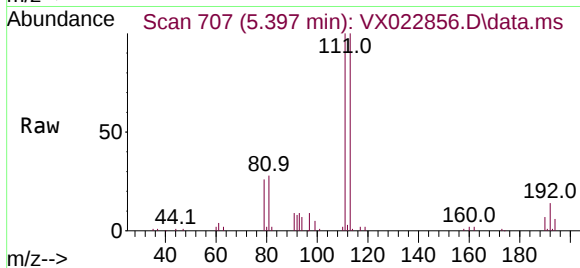
Delta R.T. 0.000 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

Tgt Ion:	113	Resp:	36129
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	15.6	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.984 ug/l

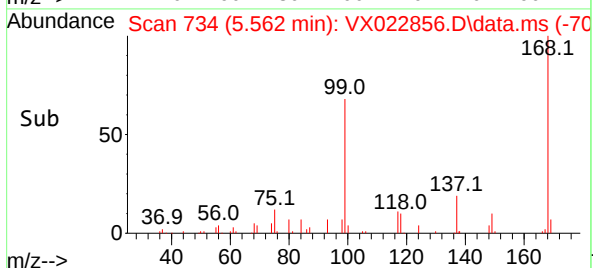
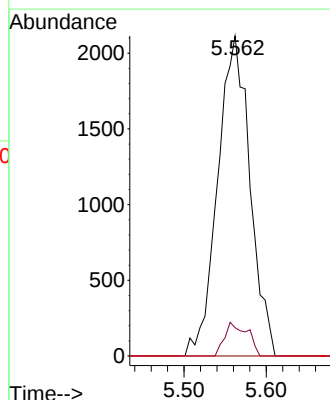
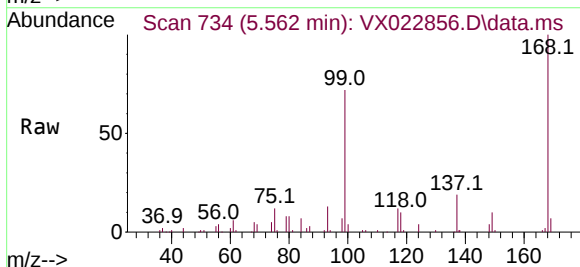
RT: 5.562 min Scan# 734

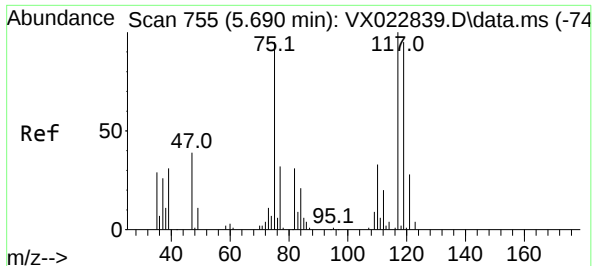
Delta R.T. -0.140 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

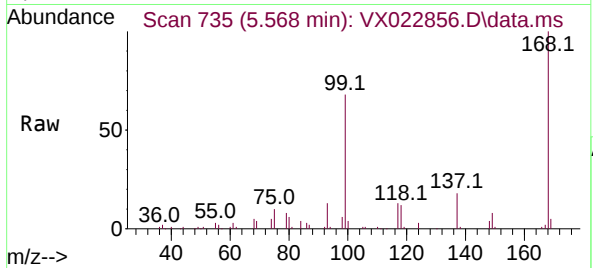
Tgt Ion:	75	Resp:	5768
Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.1	54.4#
77	0.0	25.3	37.9#



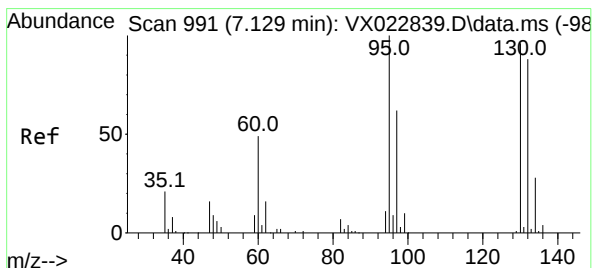
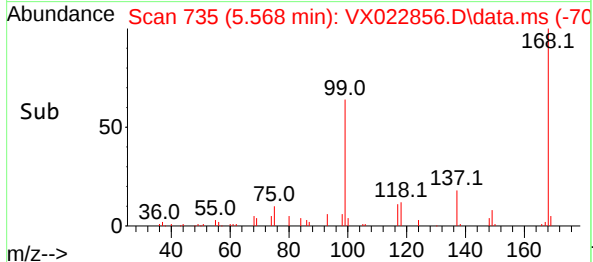
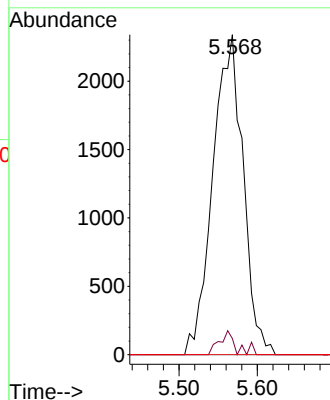


#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Instrument :
MSVOA_X
ClientSampled :

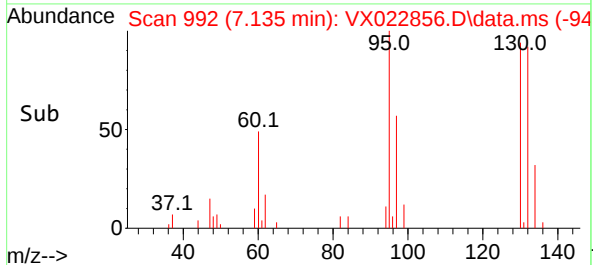
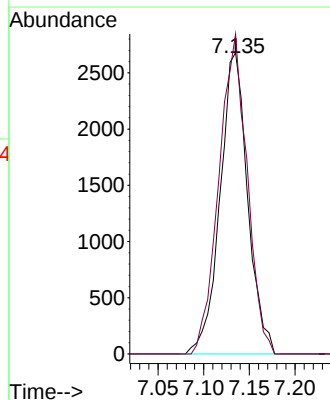
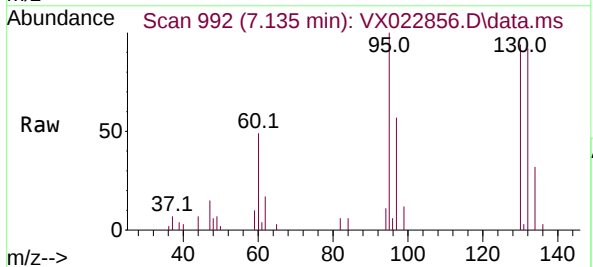


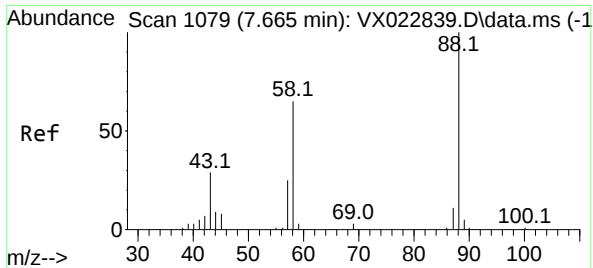
Tgt Ion:117 Resp: 6269
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 7.115 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion:130 Resp: 5631
Ion Ratio Lower Upper
130 100
95 106.2 0.0 198.0





#49

1,4-Dioxane

Concen: 7.544 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.013 min

Lab File: VX022856.D

Acq: 23 Jun 2021 21:39

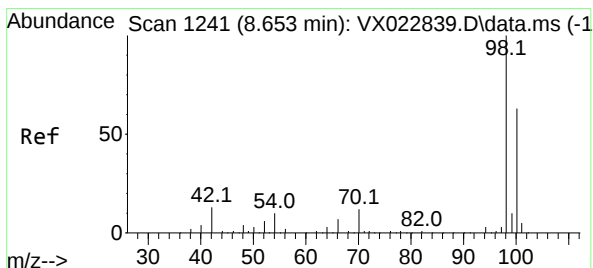
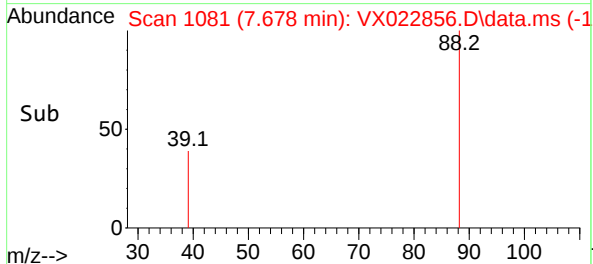
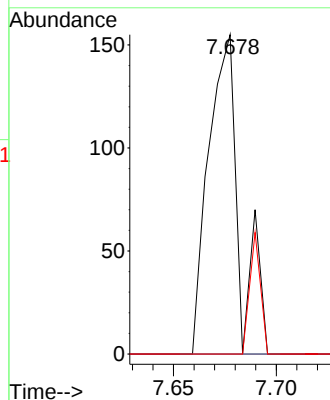
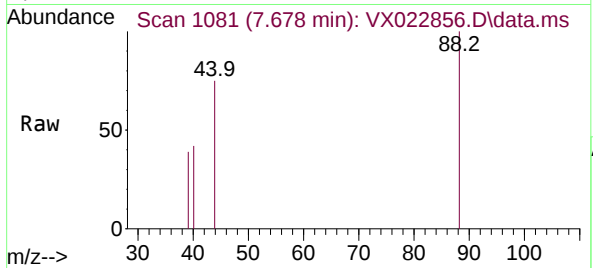
Tgt Ion: 88 Resp: 162

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 13.6 55.0 82.4#



#50

Toluene-d8

Concen: 52.768 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022856.D

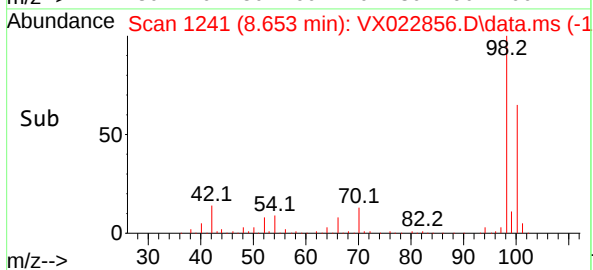
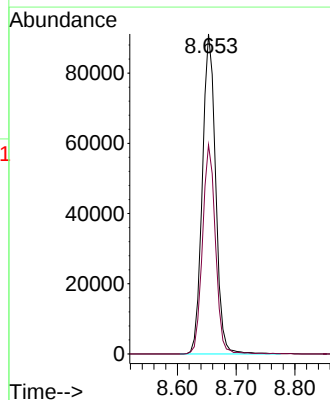
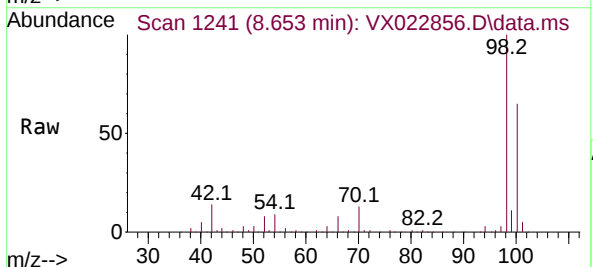
Acq: 23 Jun 2021 21:39

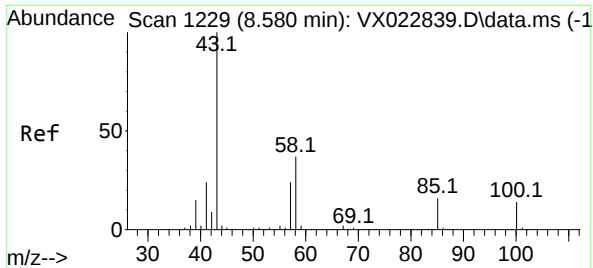
Tgt Ion: 98 Resp: 143104

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9

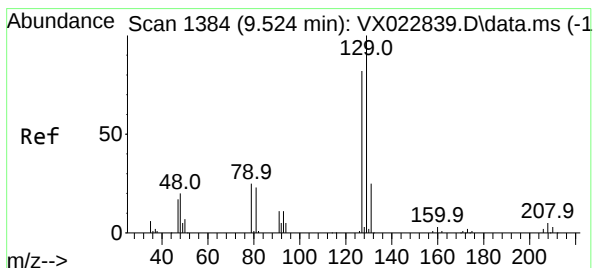
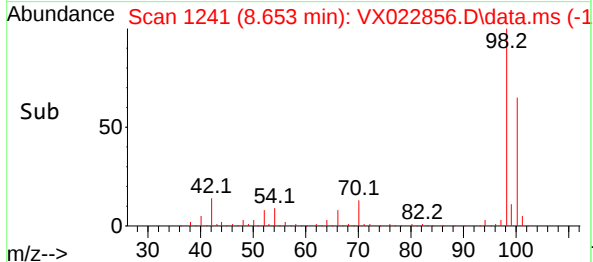
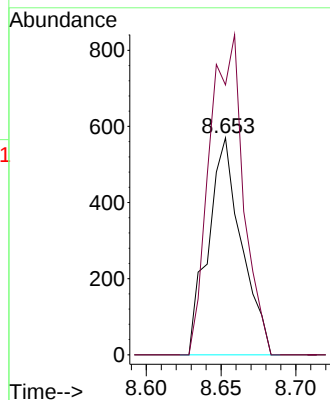
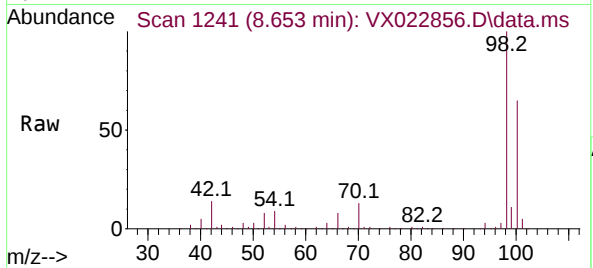




#51
4-Methyl-2-Pentanone
Concen: 0.657 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

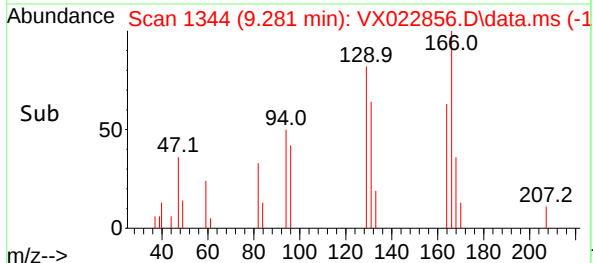
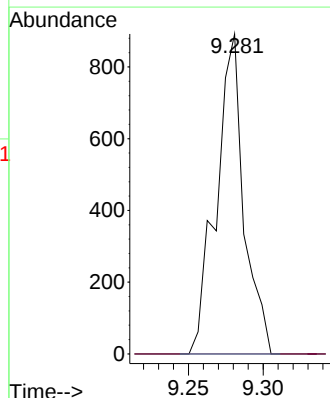
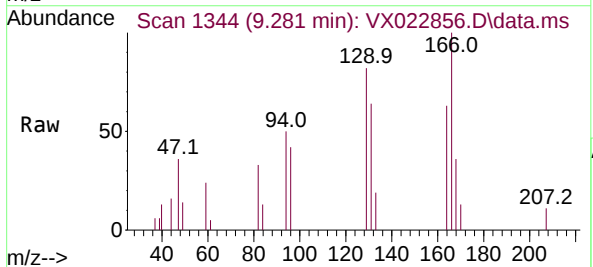
Instrument :
MSVOA_X
ClientSampled :

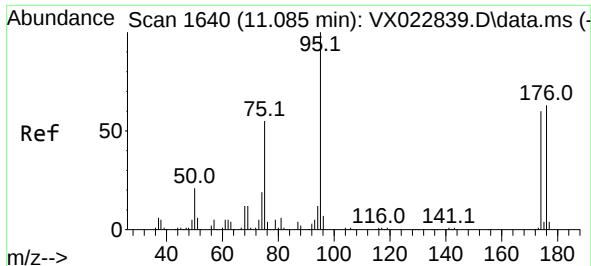
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 150.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.985 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 129 Resp: 1142
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

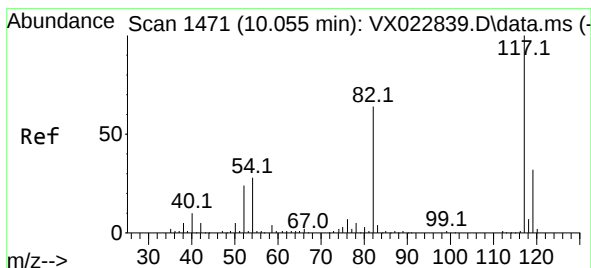
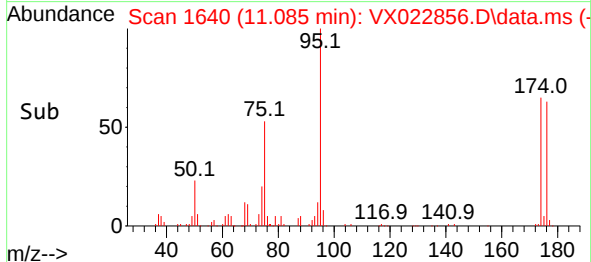
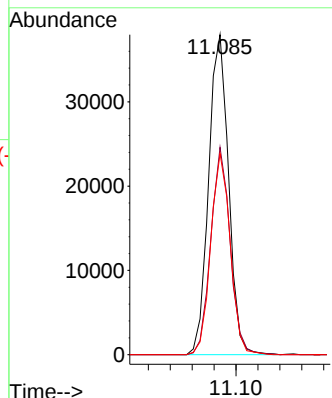
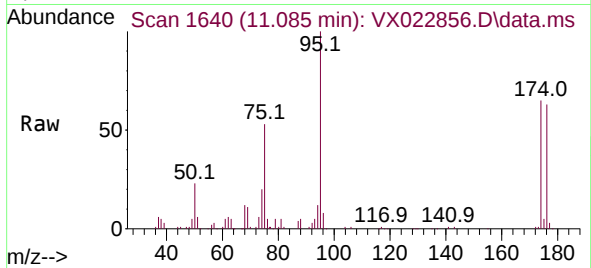




#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

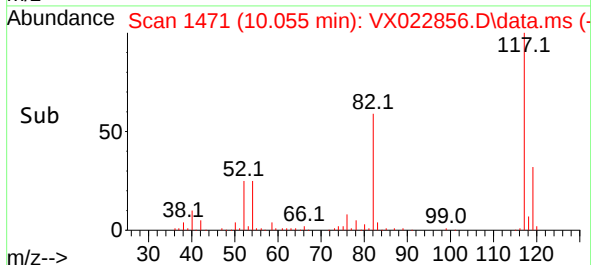
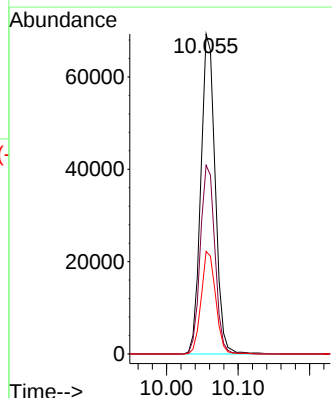
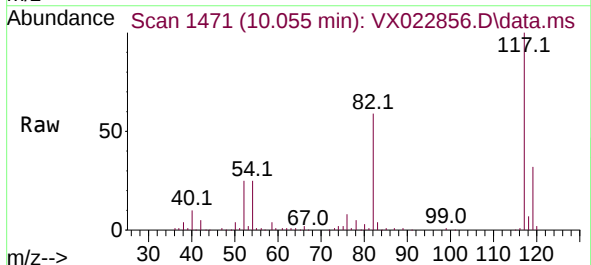
Instrument :
MSVOA_X
ClientSampleId :

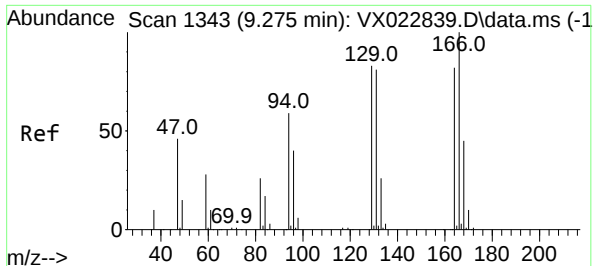
Tgt Ion: 95 Resp: 47886
Ion Ratio Lower Upper
95 100
174 63.1 0.0 154.6
176 61.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 117 Resp: 96605
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.1 26.6 39.8

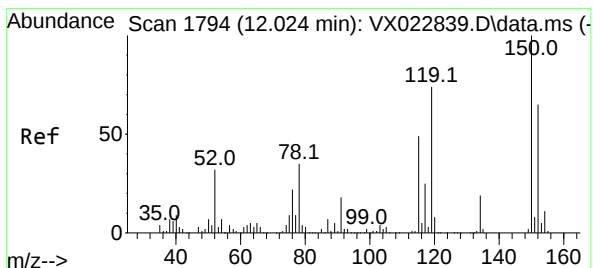
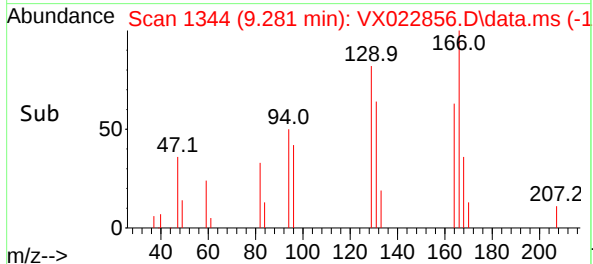
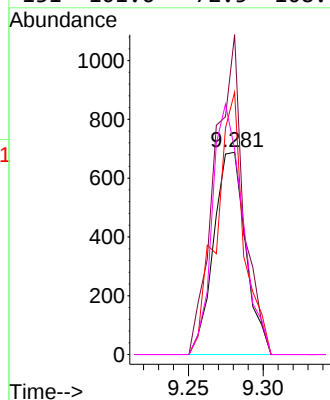
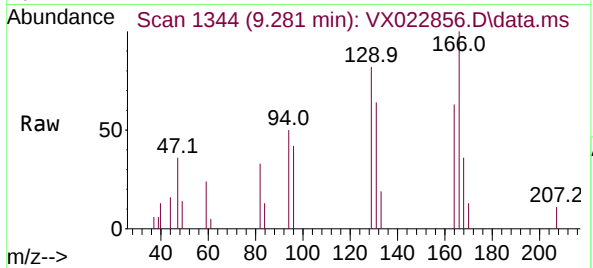




#64
Tetrachloroethene
Concen: 1.507 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

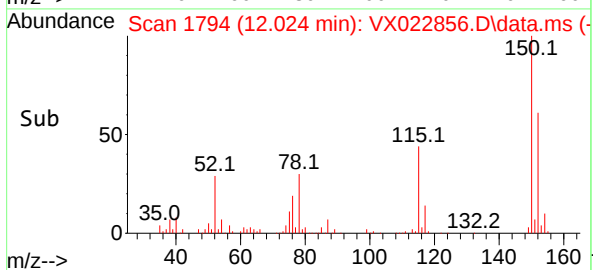
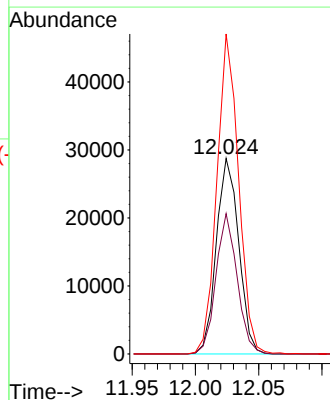
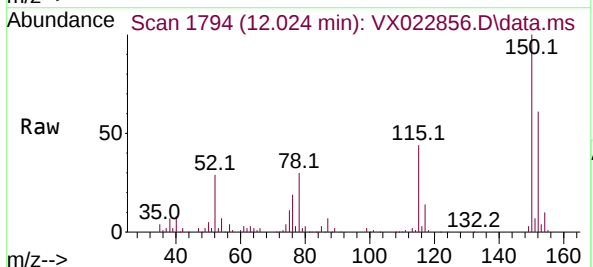
Instrument :
MSVOA_X
ClientSampled :

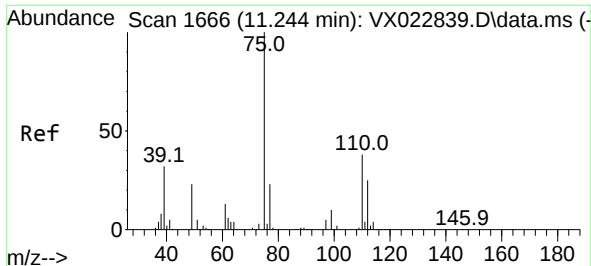
Tgt Ion:164	Resp:	1023
Ion	Ratio	Lower Upper
164	100	
166	158.1	103.4 155.2#
129	129.7	70.8 106.2#
131	101.6	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion:152	Resp:	35296
Ion	Ratio	Lower Upper
152	100	
115	68.0	41.1 123.3
150	158.6	0.0 349.0

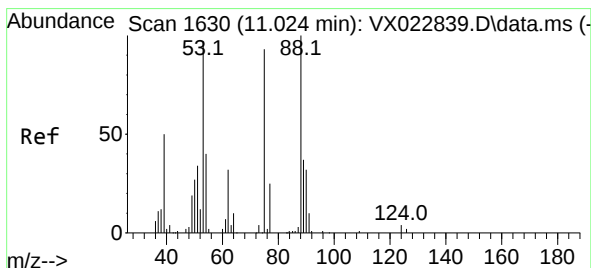
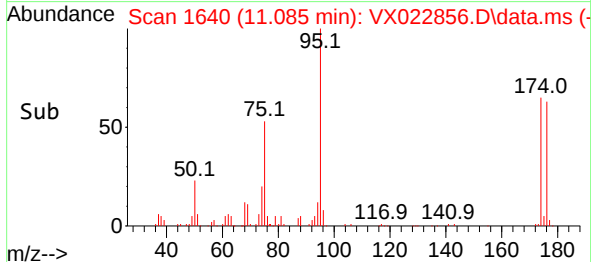
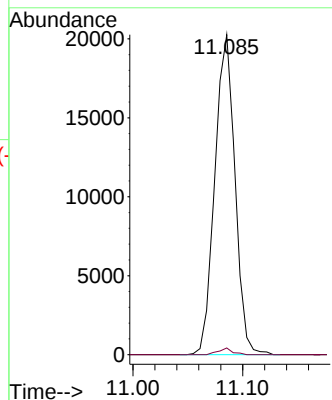
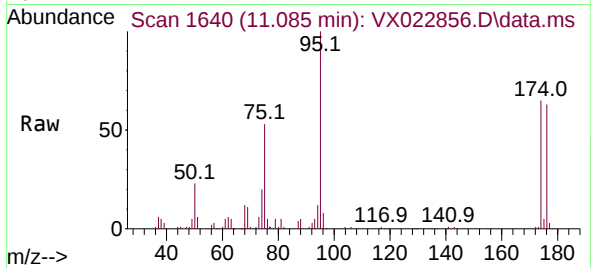




#76
1,2,3-Trichloropropane
Concen: 27.791 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 25910
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.802 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022856.D
Acq: 23 Jun 2021 21:39

Tgt Ion: 75 Resp: 25910
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

