

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022874.D
 Acq On : 24 Jun 2021 17:02
 Operator : JC/MD
 Sample : M2783-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 25 05:39:13 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)

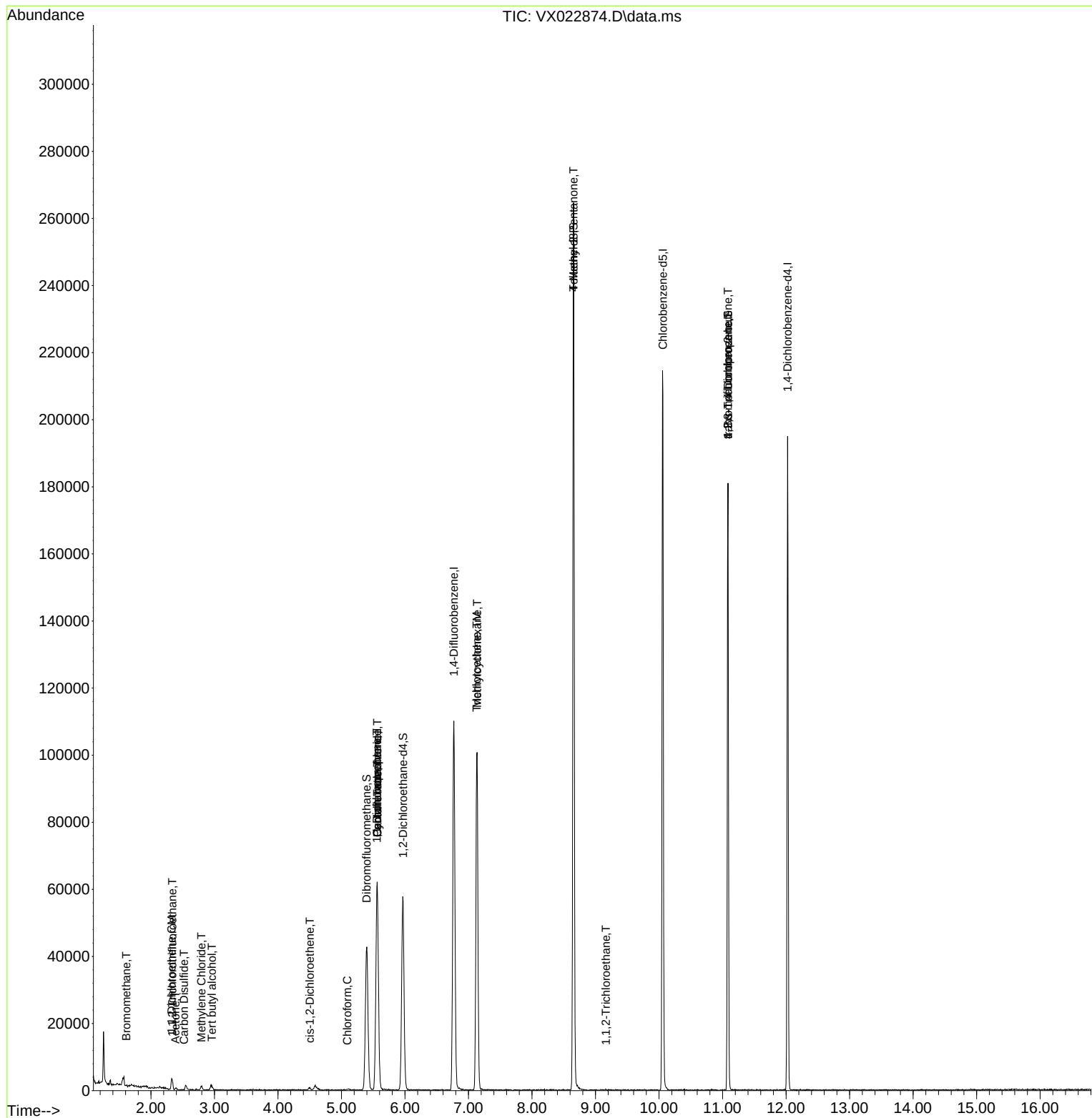
Internal Standards						
1) Pentafluorobenzene	5.562	168	51182	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	94098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	51969	55.95	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	111.90%	
35) Dibromofluoromethane	5.397	113	36961	54.89	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	109.78%	
50) Toluene-d8	8.653	98	146130	55.37	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	110.74%	
62) 4-Bromofluorobenzene	11.085	95	47713	48.44	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	96.88%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	150	0.37	ug/l	# 73
9) 1,1,2-Trichlorotrifluo...	2.337	101	1155	1.74	ug/l	95
11) Tert butyl alcohol	2.959	59	896	4.63	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	270	0.41	ug/l	# 85
16) Acetone	2.386	43	605	1.47	ug/l	# 40
17) Carbon Disulfide	2.520	76	28	3.53	ug/l	# 75
20) Methylene Chloride	2.794	84	426	0.89	ug/l	# 70
27) cis-1,2-Dichloroethene	4.501	96	404	0.49	ug/l	85
30) Chloroform	5.093	83	403	0.29	ug/l	# 18
31) Cyclohexane	5.562	56	1539	1.17	ug/l	# 30
36) 1,1-Dichloropropene	5.556	75	5373	4.77	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	6439	6.82	ug/l	# 15
39) Methylcyclohexane	7.135	83	623	0.47	ug/l	# 1
44) Trichloroethene	7.129	130	35878	46.58	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	773	0.59	ug/l	# 1
55) 1,1,2-Trichloroethane	9.165	97	160	0.20	ug/l	# 15
76) 1,2,3-Trichloropropane	11.085	75	26436	28.75	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26436	74.05	ug/l	# 12

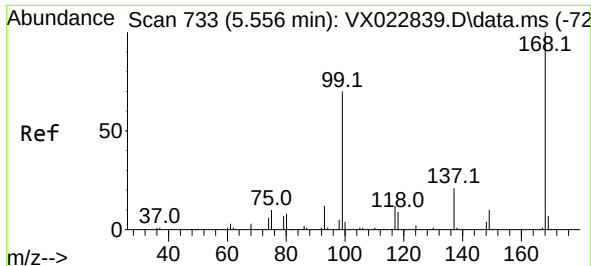
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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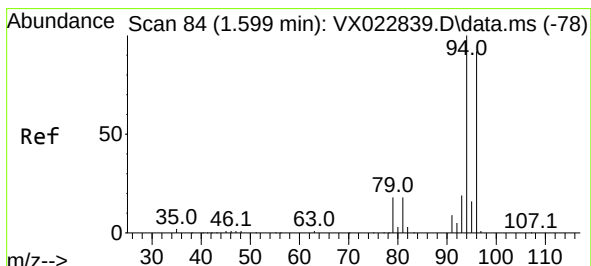
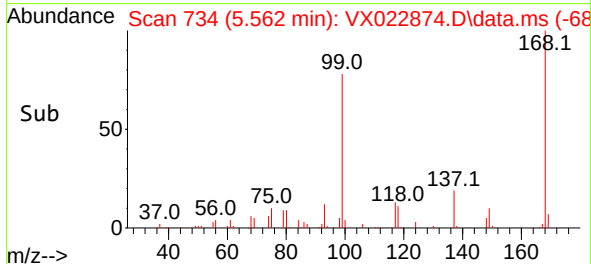
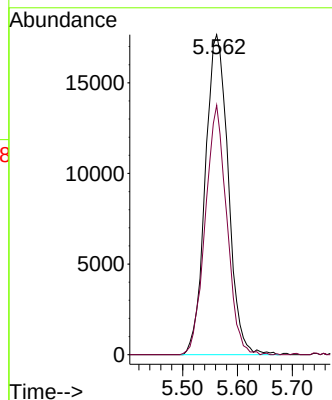
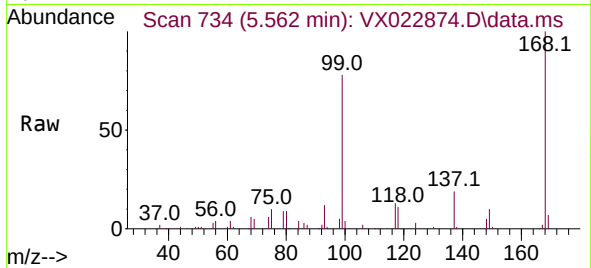




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

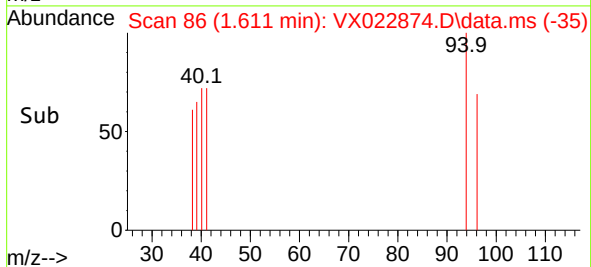
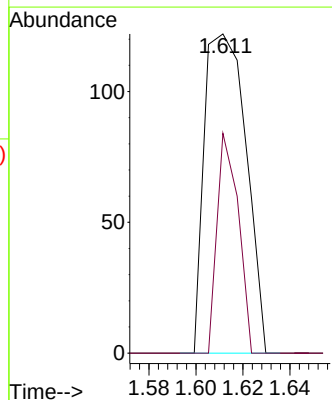
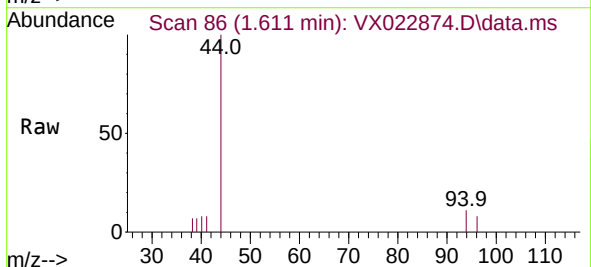
Instrument :
MSVOA_X
ClientSampled :

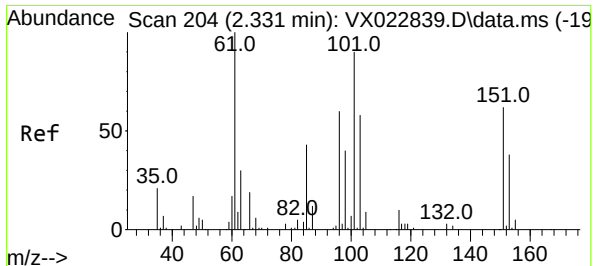
Tgt Ion:168 Resp: 51182
Ion Ratio Lower Upper
168 100
99 78.0 45.8 68.6#



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 68.9 76.4 114.6#

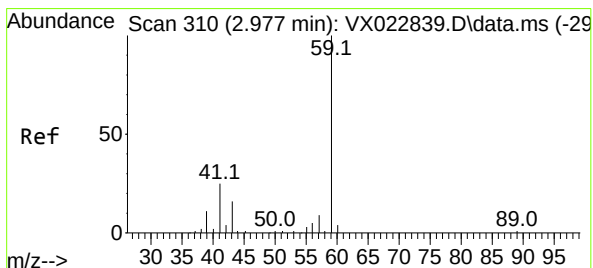
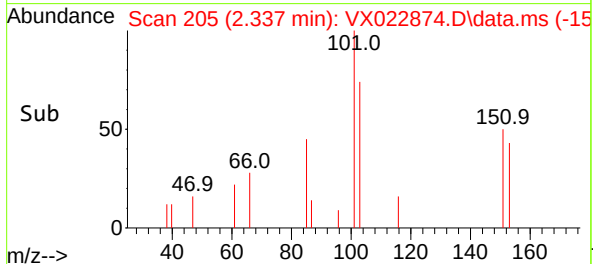
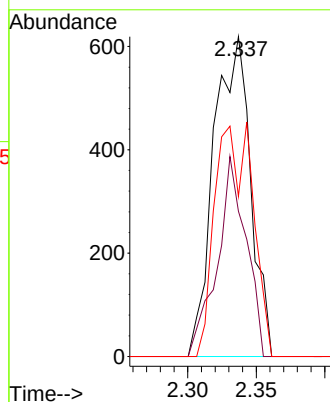
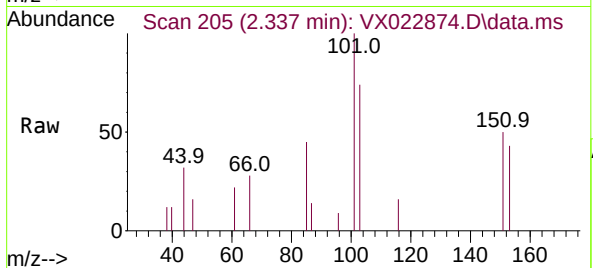




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.74 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

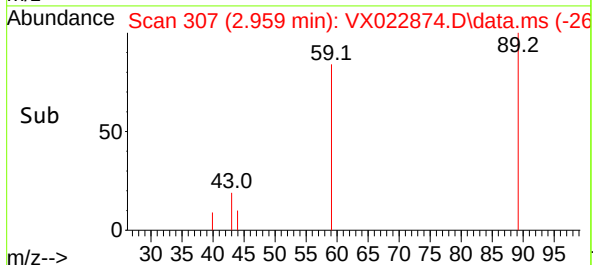
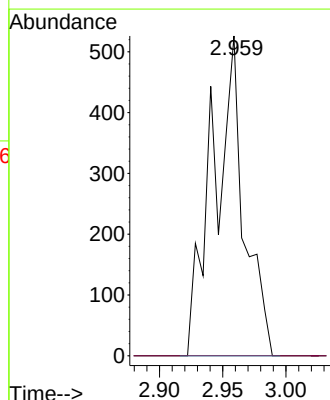
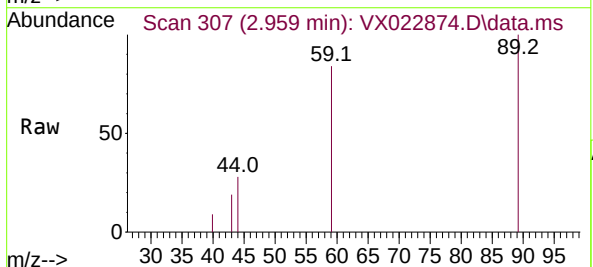
Instrument :
MSVOA_X
ClientSampled :

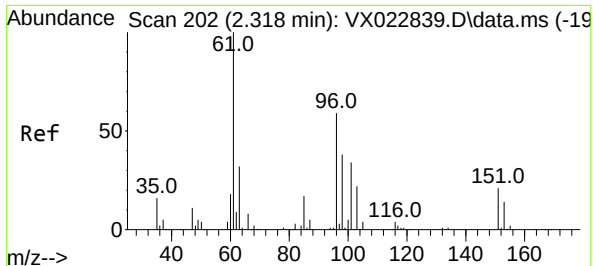
Tgt Ion:101 Resp: 1155
Ion Ratio Lower Upper
101 100
85 48.9 34.9 52.3
151 74.5 61.4 92.2



#11
Tert butyl alcohol
Concen: 4.63 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion: 59 Resp: 896
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.41 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022874.D

Acq: 24 Jun 2021 17:02

Tgt Ion: 96 Resp: 270

Ion Ratio Lower Upper

96 100

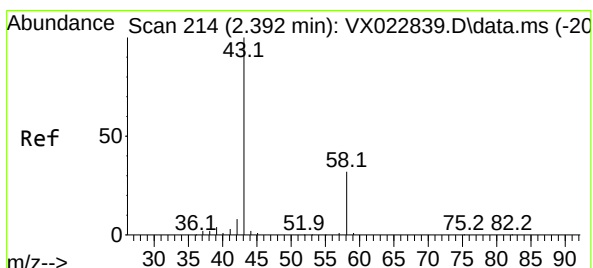
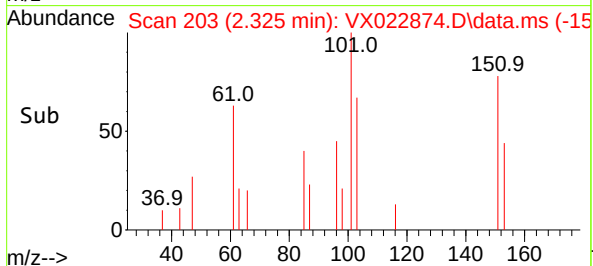
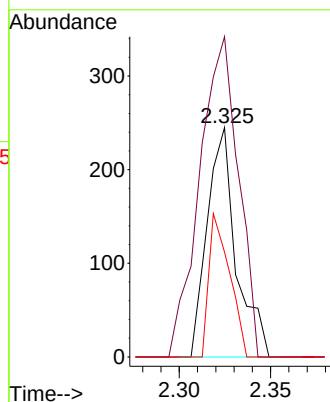
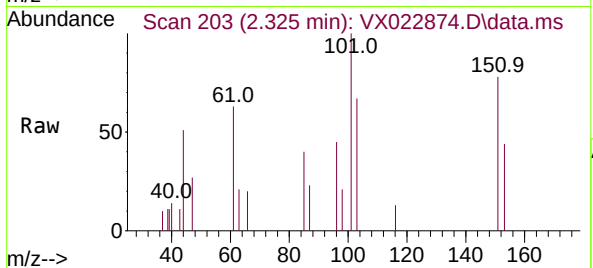
61 139.6 124.6 187.0

98 45.7 50.6 76.0#

Instrument :

MSVOA_X

ClientSampled :



#16

Acetone

Concen: 1.47 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022874.D

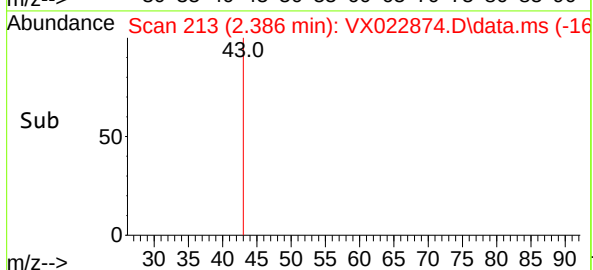
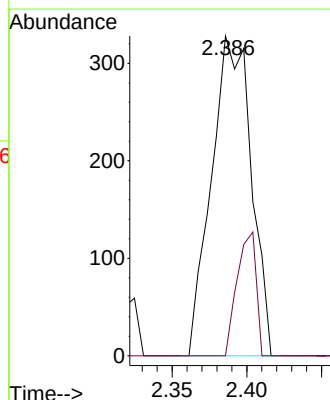
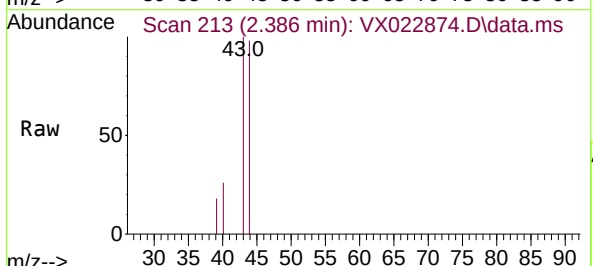
Acq: 24 Jun 2021 17:02

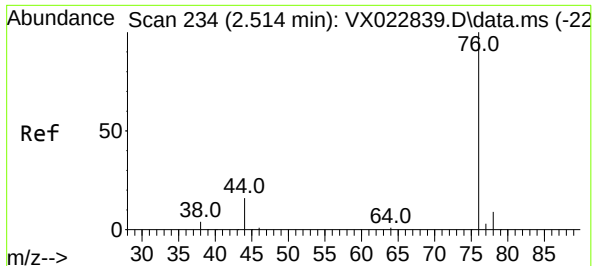
Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#

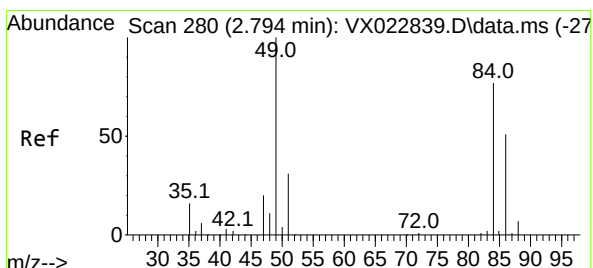
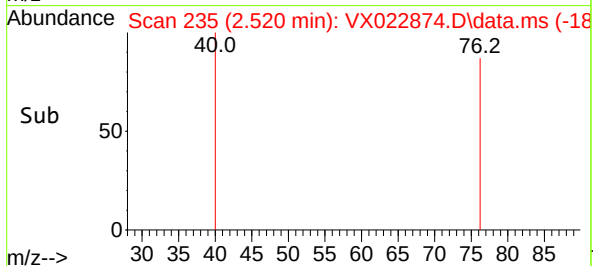
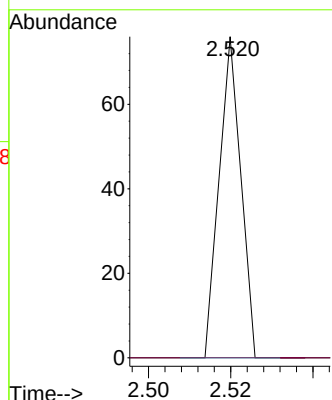
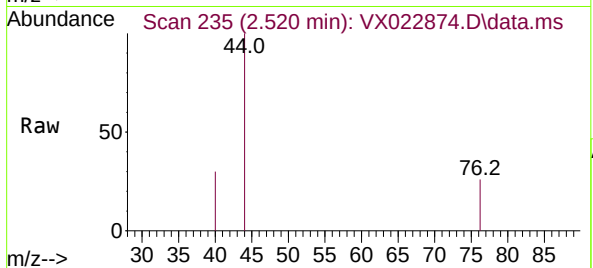




#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

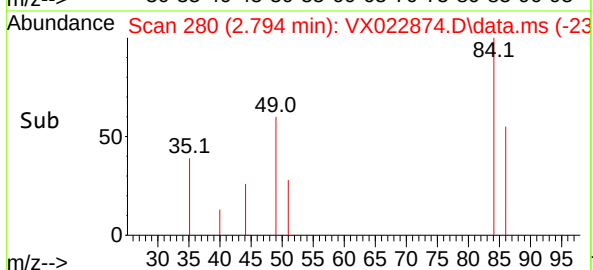
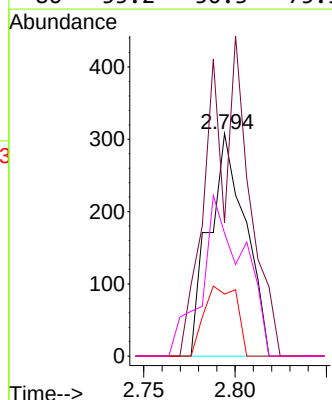
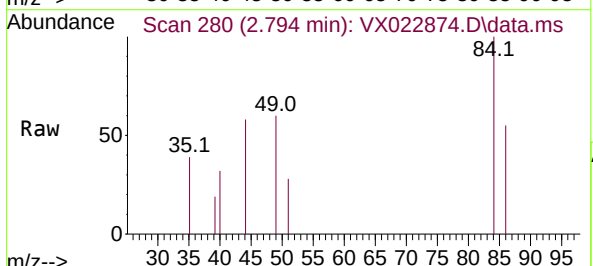
Instrument :
MSVOA_X
ClientSampled :

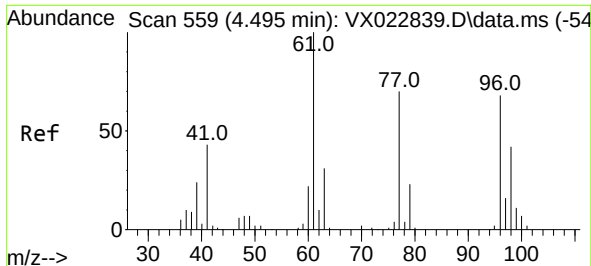
Tgt Ion: 76 Resp: 28
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.89 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion: 84 Resp: 426
Ion Ratio Lower Upper
84 100
49 60.1 88.6 132.8#
51 27.9 27.0 40.6
86 55.2 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.49 ug/l

RT: 4.501 min Scan# 560

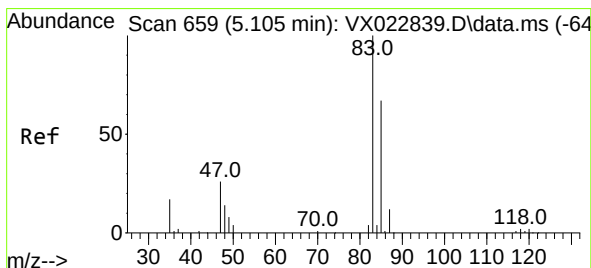
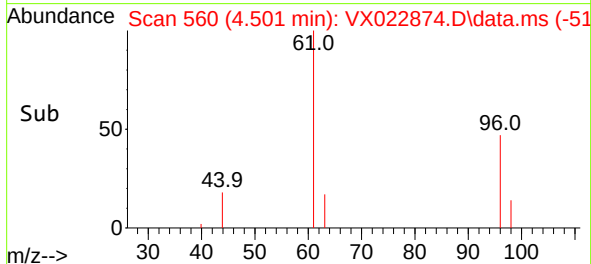
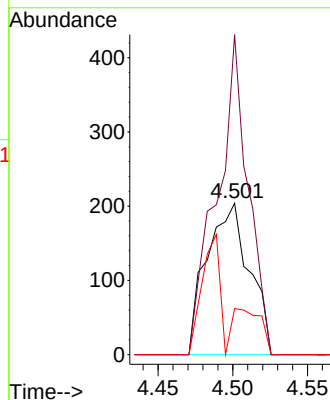
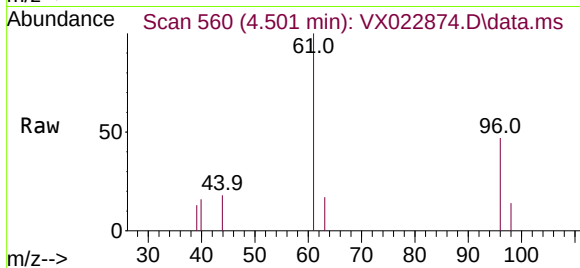
Delta R.T. 0.006 min

Lab File: VX022874.D

Acq: 24 Jun 2021 17:02

Tgt Ion: 96 Resp: 404

Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	285.6
98	44.1	0.0	129.6



#30

Chloroform

Concen: 0.29 ug/l

RT: 5.093 min Scan# 657

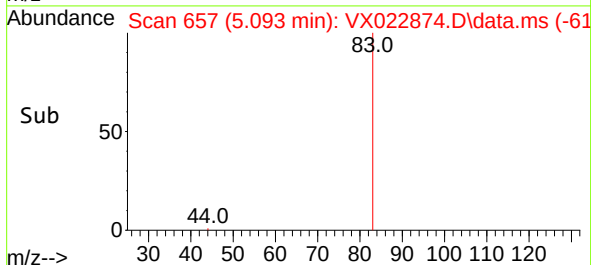
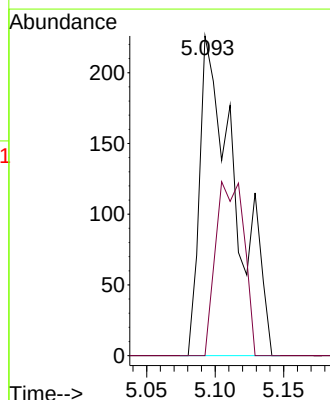
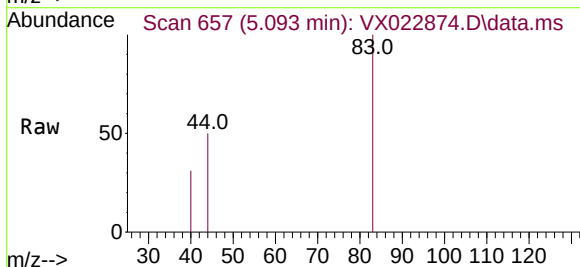
Delta R.T. -0.012 min

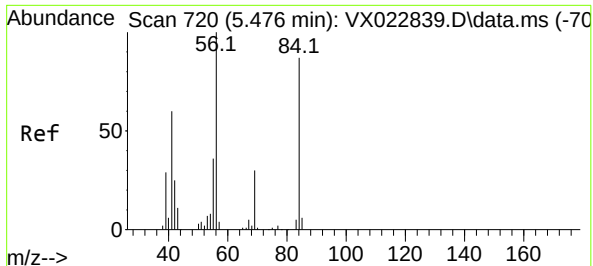
Lab File: VX022874.D

Acq: 24 Jun 2021 17:02

Tgt Ion: 83 Resp: 403

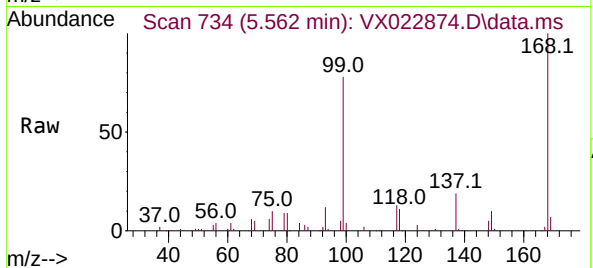
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#



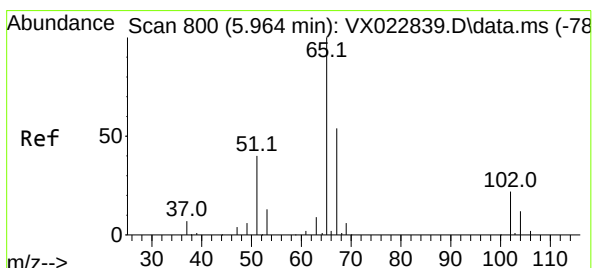
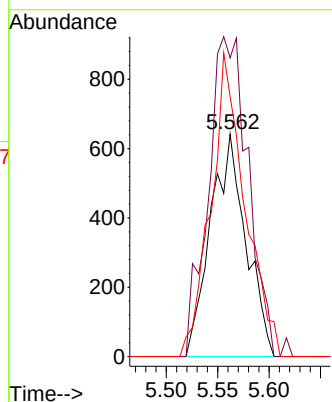
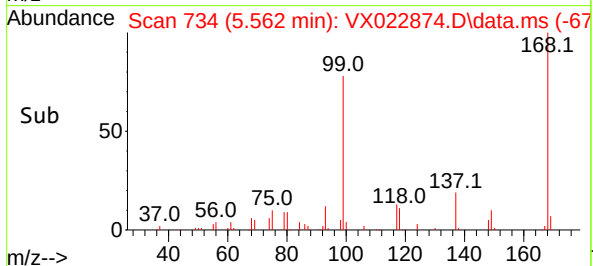


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

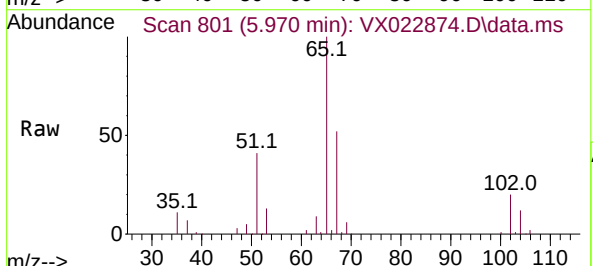
Instrument :
MSVOA_X
ClientSampled :



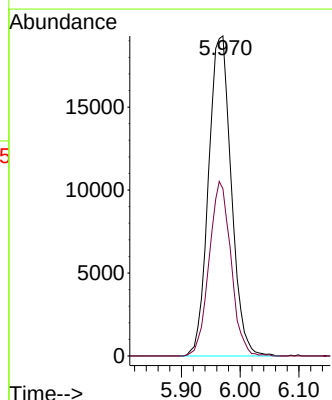
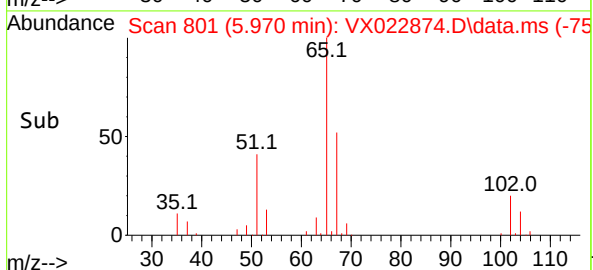
Tgt Ion: 56 Resp: 1539
Ion Ratio Lower Upper
56 100
69 134.3 25.3 37.9#
84 116.8 71.4 107.0#

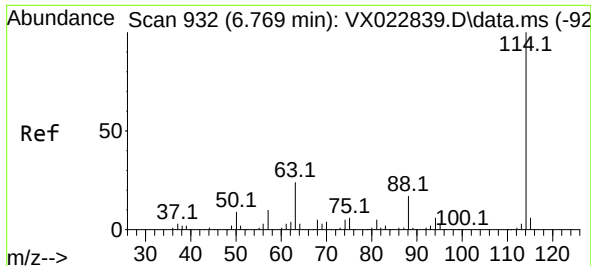


#33
1,2-Dichloroethane-d4
Concen: 55.95 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02



Tgt Ion: 65 Resp: 51969
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

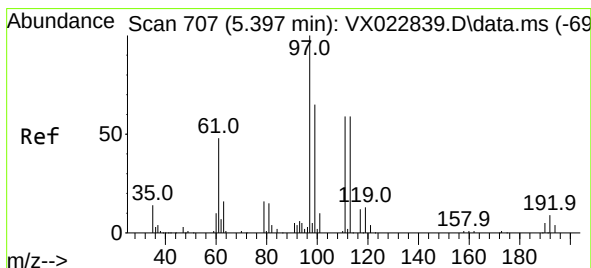
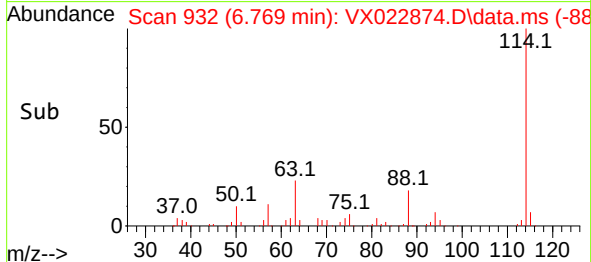
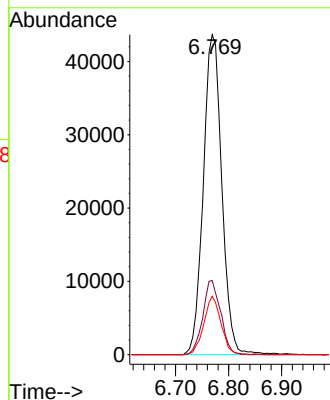
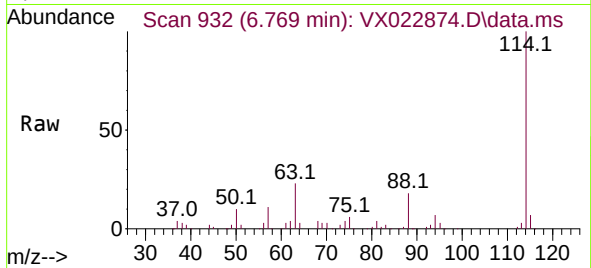




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

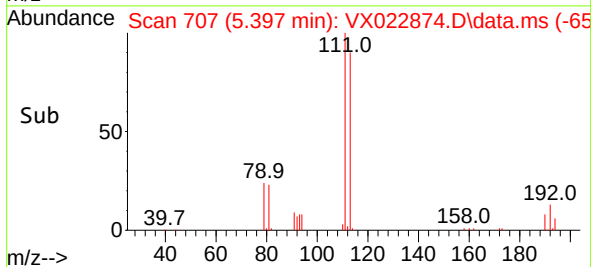
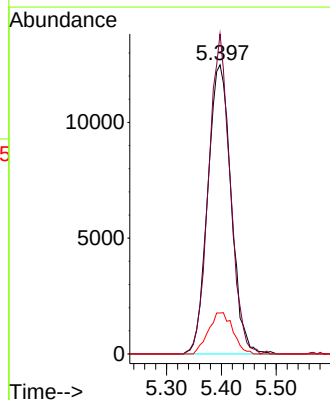
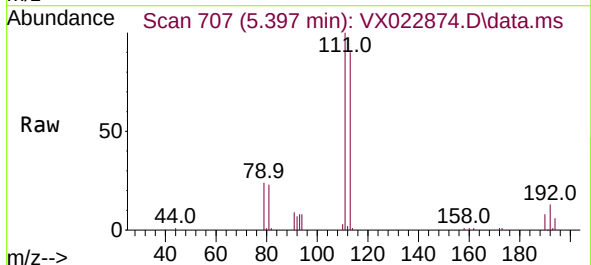
Instrument :
MSVOA_X
ClientSampleId :

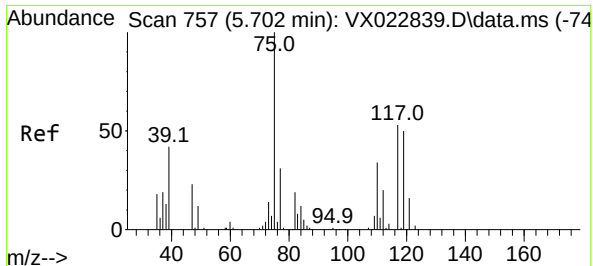
Tgt Ion:114 Resp: 106035
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 18.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.89 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion:113 Resp: 36961
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 14.9 16.7 25.1#

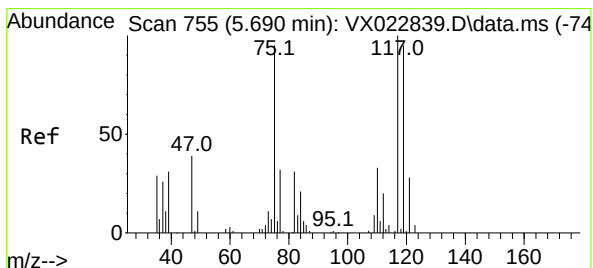
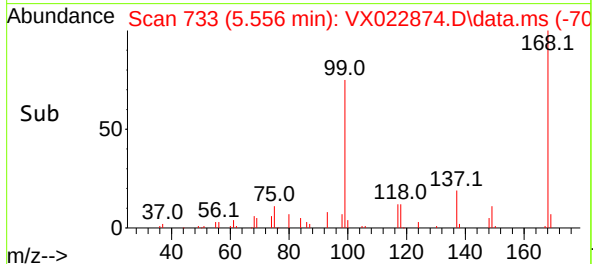
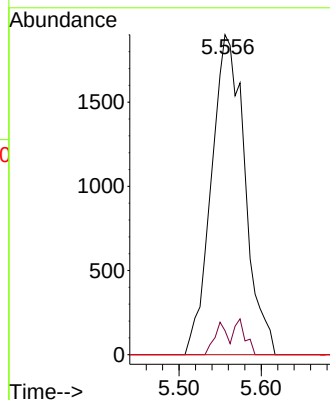
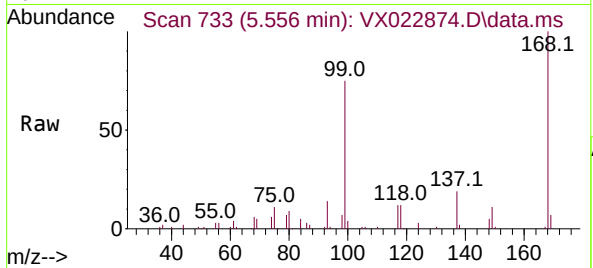




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

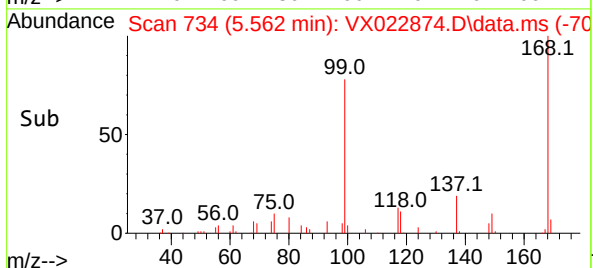
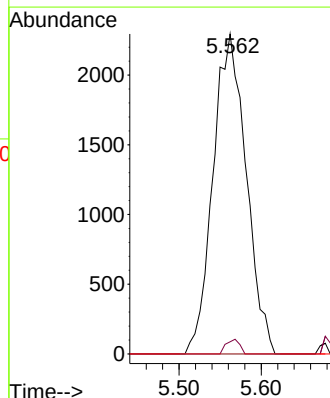
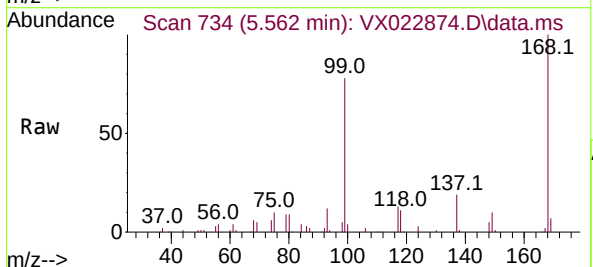
Instrument :
MSVOA_X
ClientSampled :

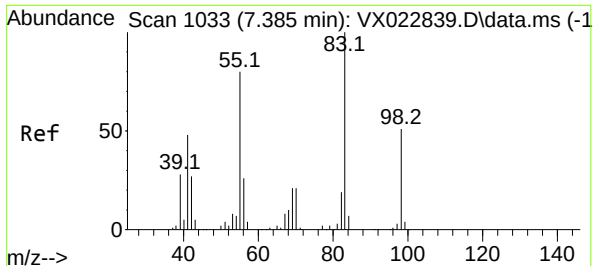
Tgt Ion: 75 Resp: 5373
Ion Ratio Lower Upper
75 100
110 3.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion: 117 Resp: 6439
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.47 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022874.D

Acq: 24 Jun 2021 17:02

Tgt Ion: 83 Resp: 623

Ion Ratio Lower Upper

83 100

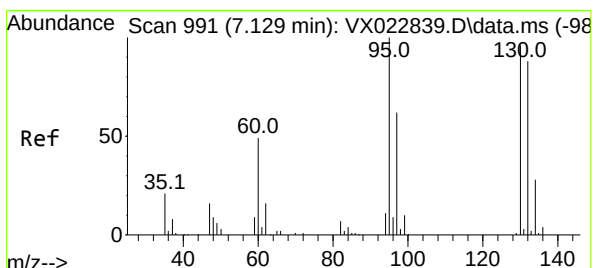
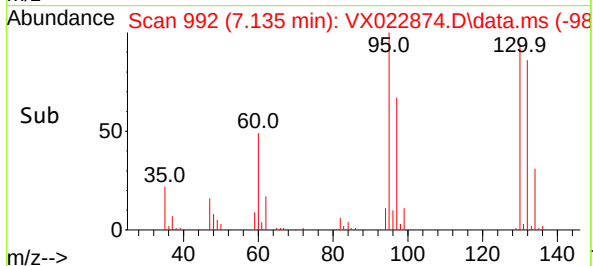
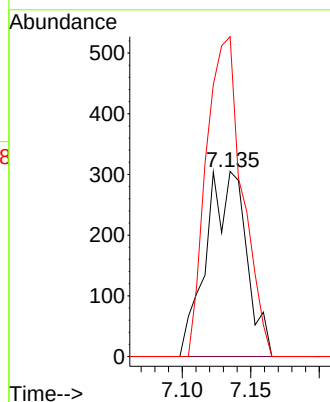
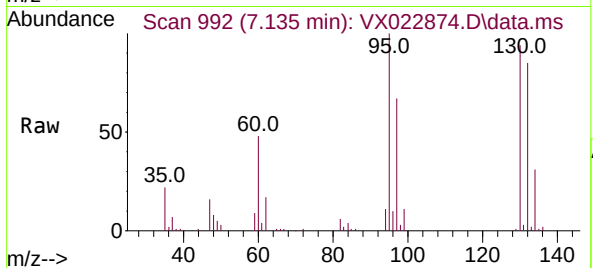
55 0.0 58.9 88.3#

98 172.8 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :



#44

Trichloroethene

Concen: 46.58 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022874.D

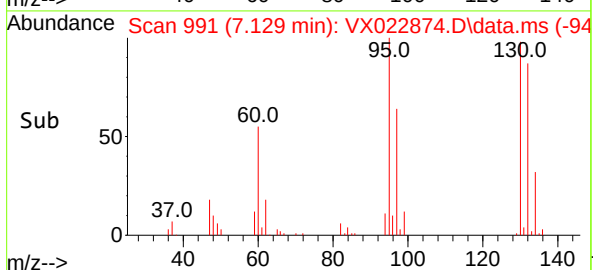
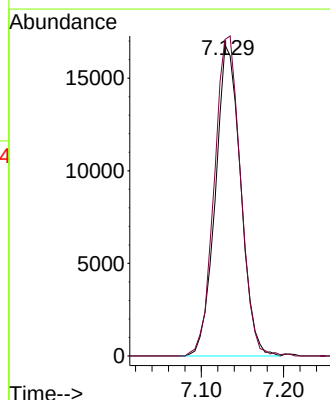
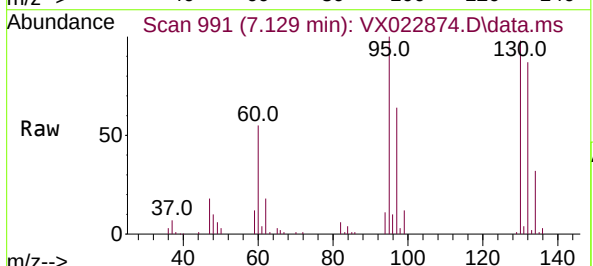
Acq: 24 Jun 2021 17:02

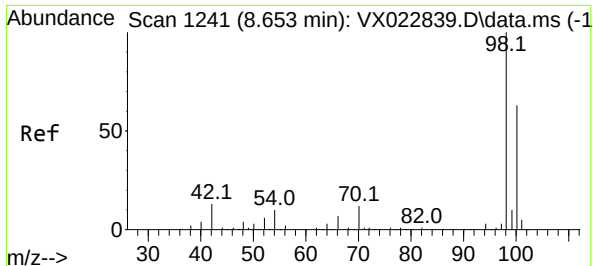
Tgt Ion:130 Resp: 35878

Ion Ratio Lower Upper

130 100

95 101.7 0.0 198.0

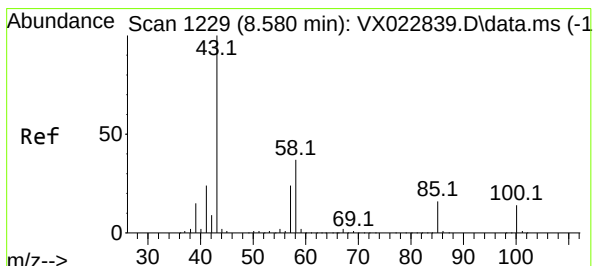
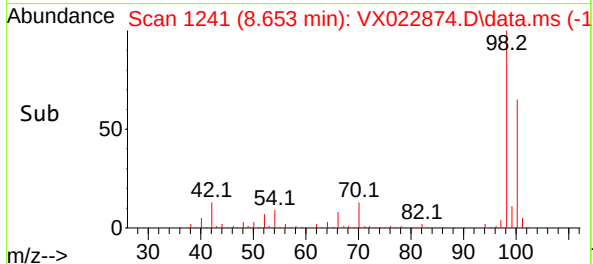
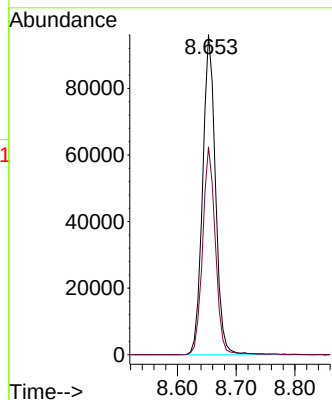
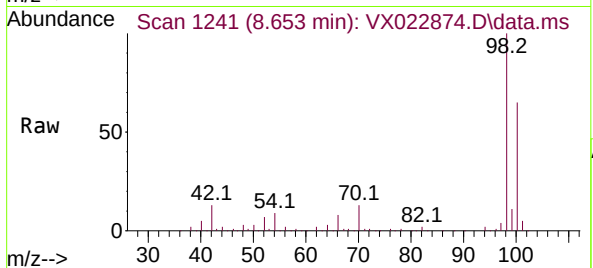




#50
Toluene-d8
Concen: 55.37 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

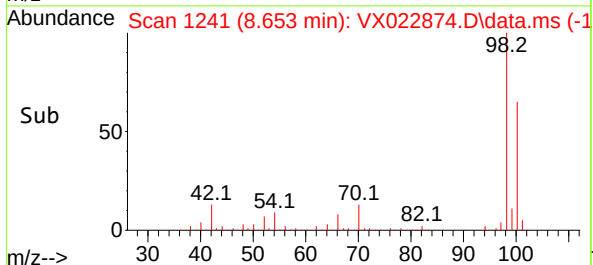
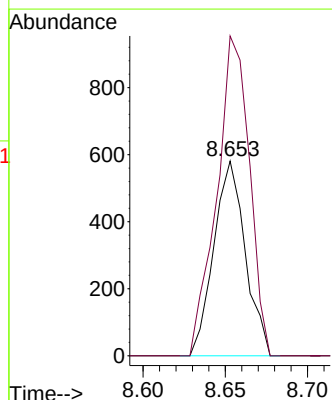
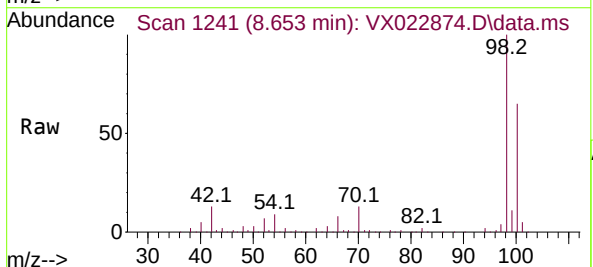
Instrument :
MSVOA_X
ClientSampled :

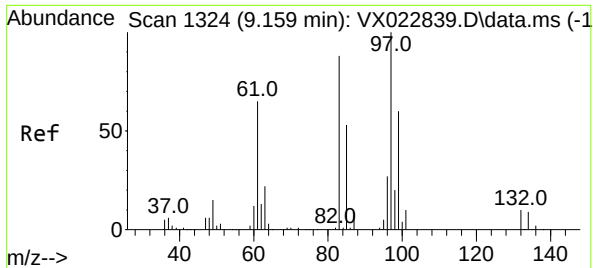
Tgt Ion: 98 Resp: 146130
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

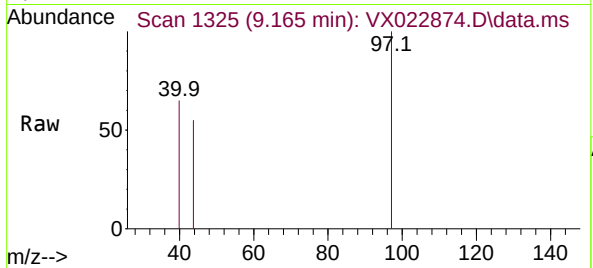
Tgt Ion: 43 Resp: 773
Ion Ratio Lower Upper
43 100
58 170.6 35.4 53.0#





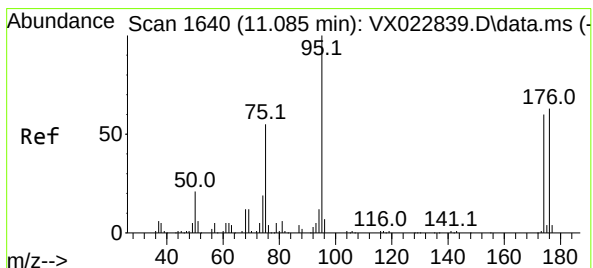
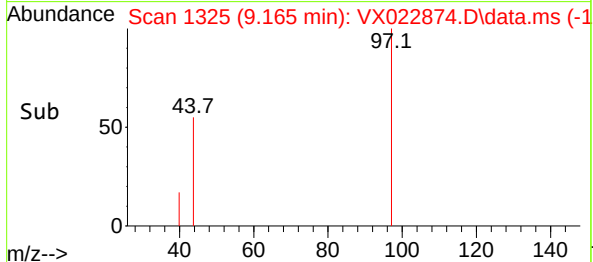
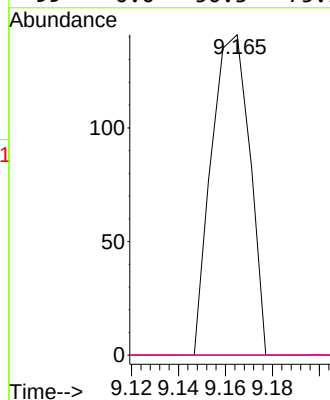
#55
1,1,2-Trichloroethane
Concen: 0.20 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 97 Resp: 160

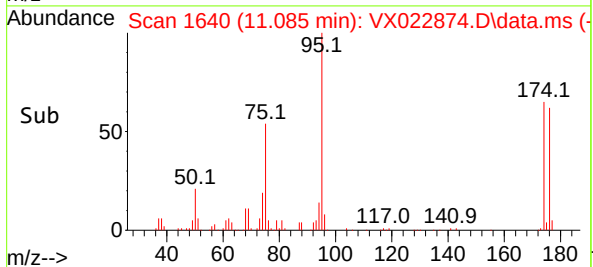
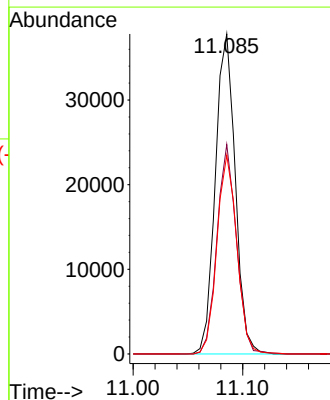
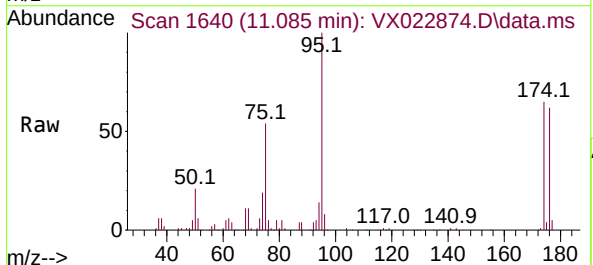
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.3	103.9#
85	0.0	44.3	66.5#
99	0.0	50.3	75.5#

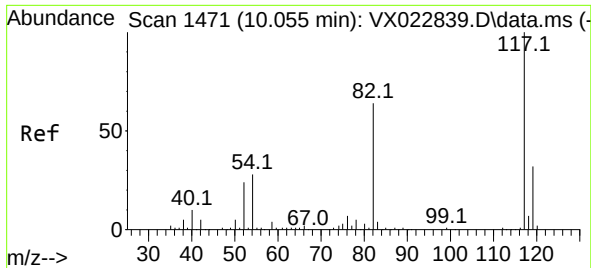


#62
4-Bromofluorobenzene
Concen: 48.44 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion: 95 Resp: 47713

Ion	Ratio	Lower	Upper
95	100		
174	63.8	0.0	154.6
176	62.3	0.0	155.8

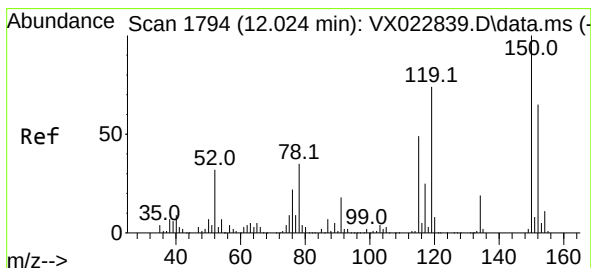
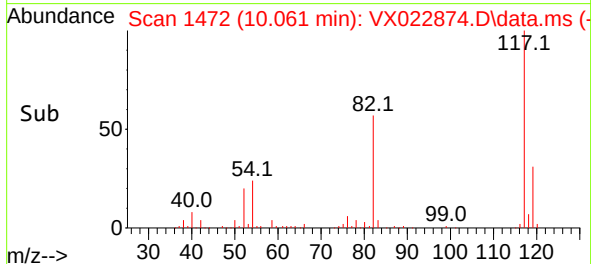
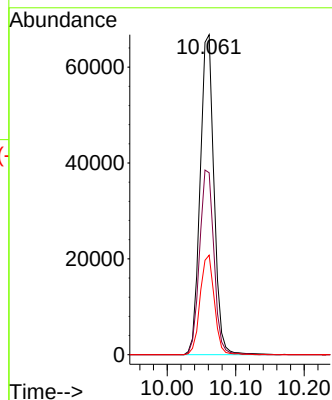
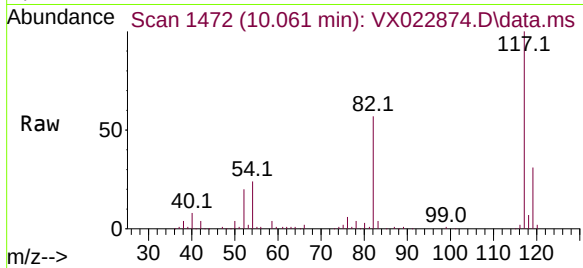




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

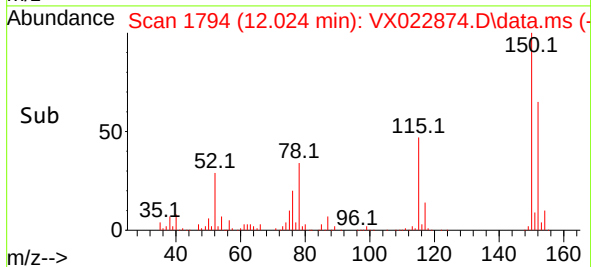
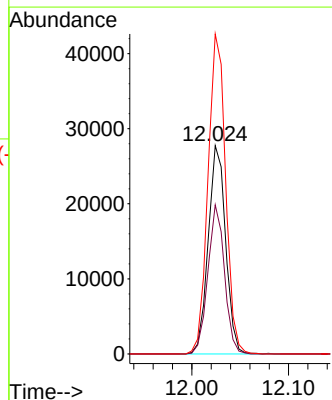
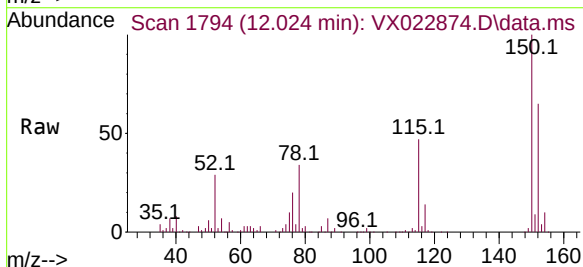
Instrument :
MSVOA_X
ClientSampled :

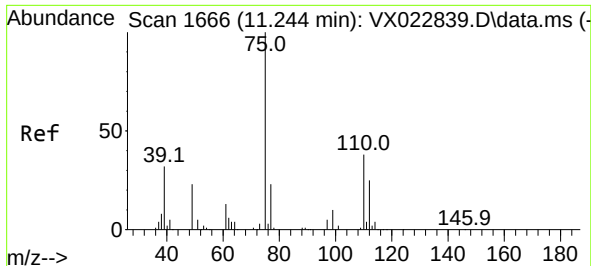
Tgt Ion:117 Resp: 94098
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion:152 Resp: 34812
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 154.7 0.0 349.0

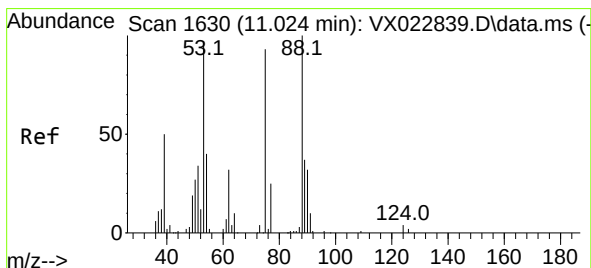
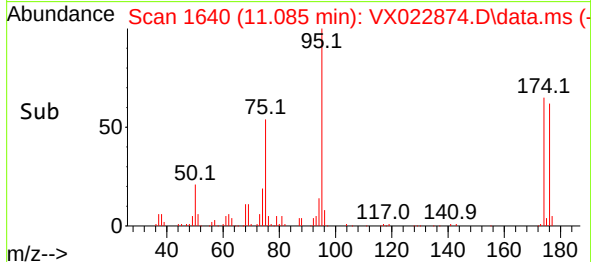
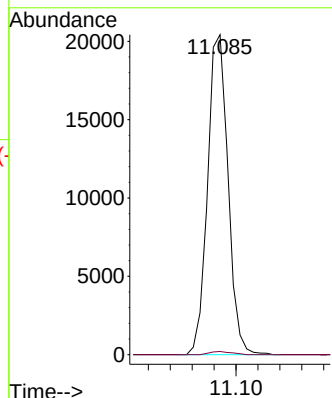
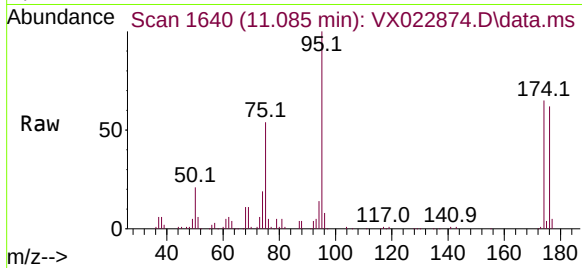




#76
1,2,3-Trichloropropane
Concen: 28.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26436
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.05 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022874.D
Acq: 24 Jun 2021 17:02

Tgt Ion: 75 Resp: 26436
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

