

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021606.D
 Acq On : 30 Mar 2021 03:24
 Operator : JC/MD
 Sample : M1843-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 30 05:24:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

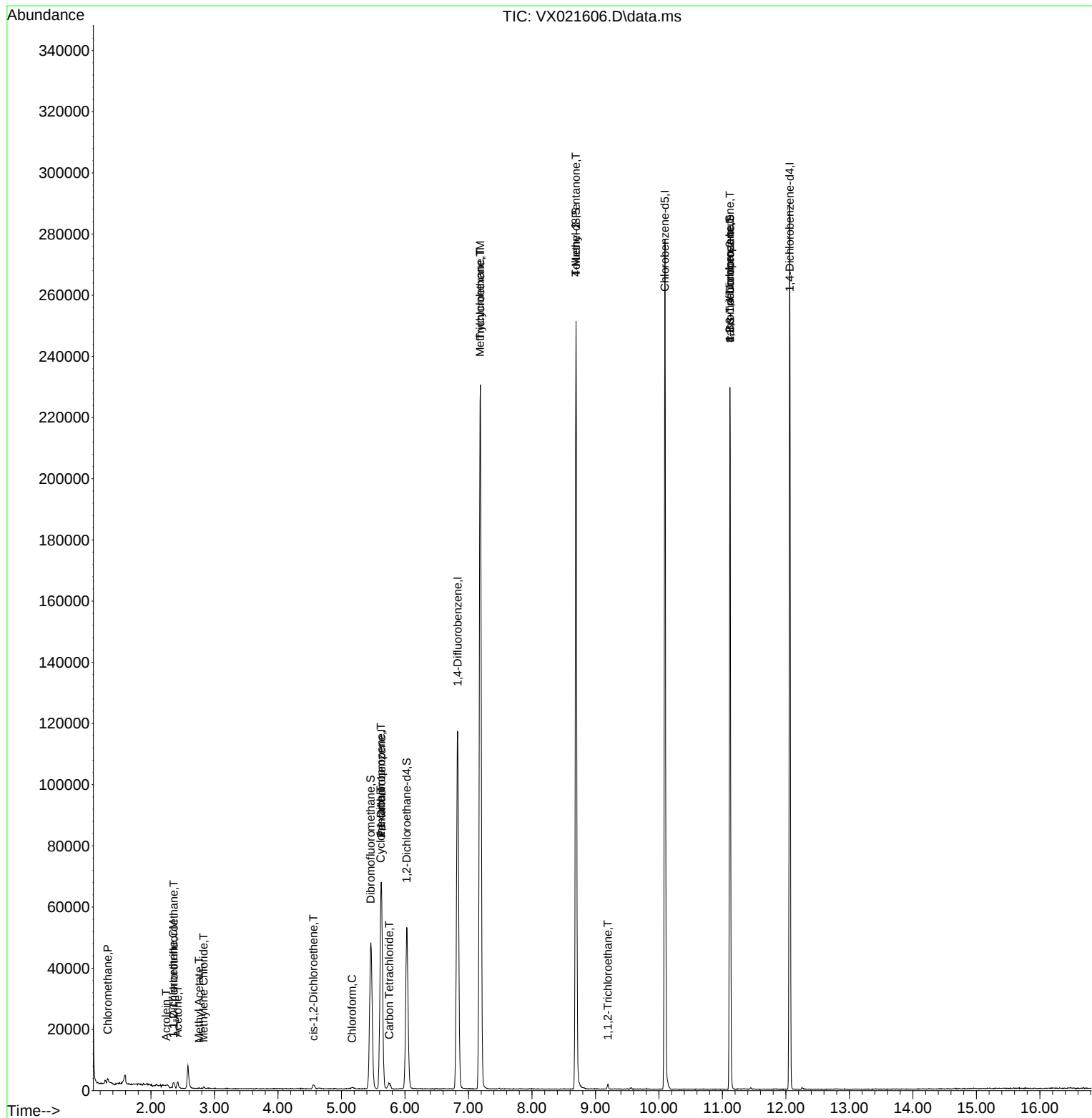
Internal Standards						
1) Pentafluorobenzene	5.629	168	59109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51488	52.35	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.70%	
35) Dibromofluoromethane	5.458	113	39593	50.68	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.36%	
50) Toluene-d8	8.694	98	141743	50.92	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.84%	
62) 4-Bromofluorobenzene	11.118	95	57922	53.52	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.04%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1560	2.13	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.358	101	404	0.66	ug/l #	92
12) 1,1-Dichloroethene	2.352	96	450	0.76	ug/l	97
13) Acrolein	2.240	56	42	4.80	ug/l #	14
16) Acetone	2.423	43	2396	6.44	ug/l #	85
18) Methyl Acetate	2.758	43	263	0.24	ug/l #	47
20) Methylene Chloride	2.829	84	191	0.26	ug/l #	79
27) cis-1,2-Dichloroethene	4.558	96	737	0.97	ug/l	90
30) Chloroform	5.164	83	550	0.41	ug/l	100
31) Cyclohexane	5.617	56	1631	1.51	ug/l #	42
36) 1,1-Dichloropropene	5.623	75	5225	4.85	ug/l #	48
38) Carbon Tetrachloride	5.753	117	1658	1.43	ug/l	94
39) Methylcyclohexane	7.182	83	1183	0.99	ug/l #	1
44) Trichloroethene	7.188	130	82650	102.35	ug/l	99
51) 4-Methyl-2-Pentanone	8.694	43	806	0.65	ug/l #	1
55) 1,1,2-Trichloroethane	9.194	97	435	0.55	ug/l #	89
76) 1,2,3-Trichloropropane	11.118	75	32559	26.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32559	81.50	ug/l #	12

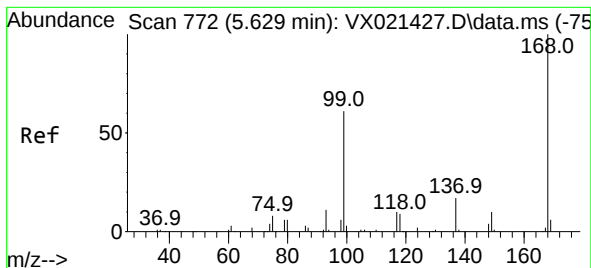
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.000 min

Lab File: VX021606.D

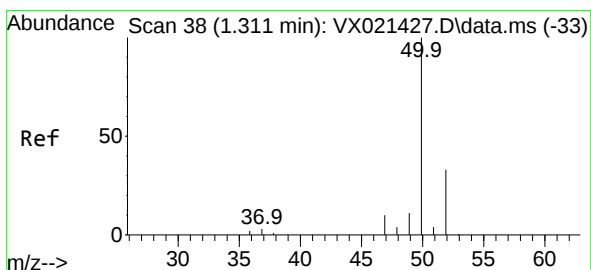
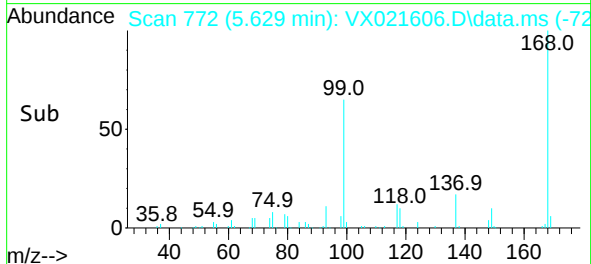
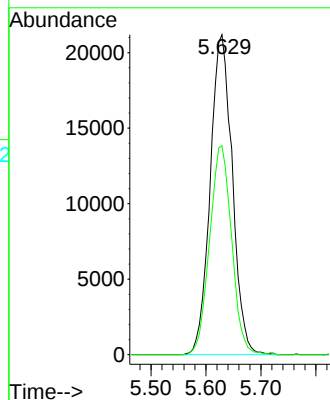
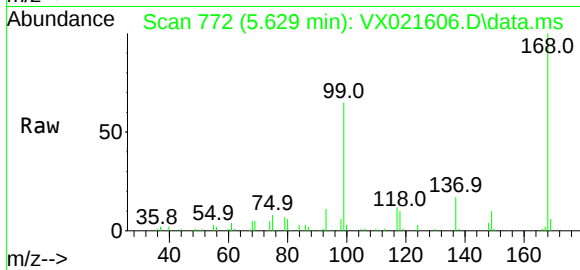
Acq: 30 Mar 2021 03:24

Tgt Ion:168 Resp: 59109

Ion Ratio Lower Upper

168 100

99 65.3 45.8 68.6



#3

Chloromethane

Concen: 2.13 ug/l

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021606.D

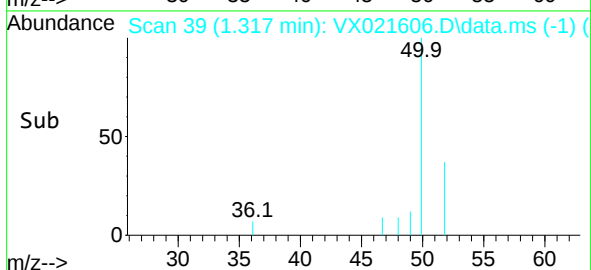
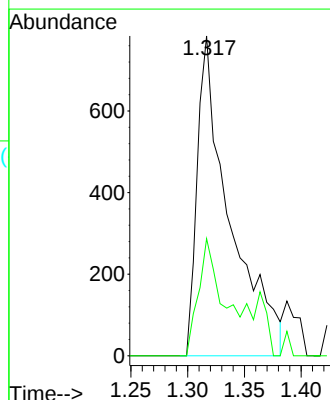
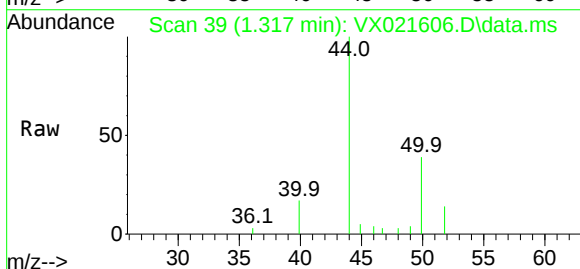
Acq: 30 Mar 2021 03:24

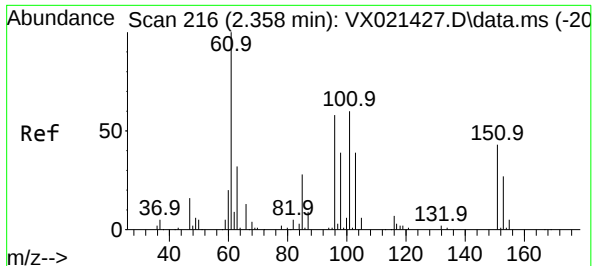
Tgt Ion: 50 Resp: 1560

Ion Ratio Lower Upper

50 100

52 36.6 26.4 39.6

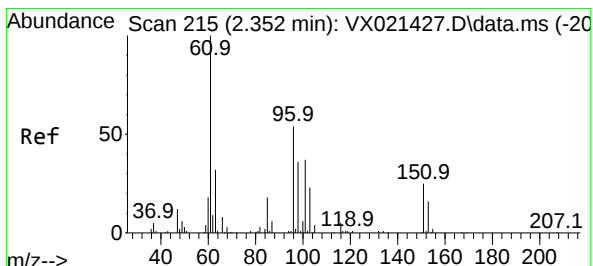
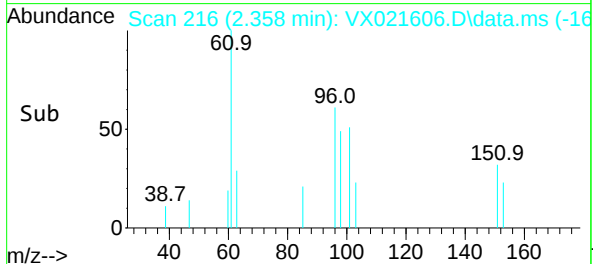
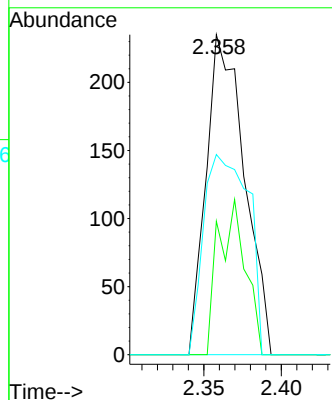
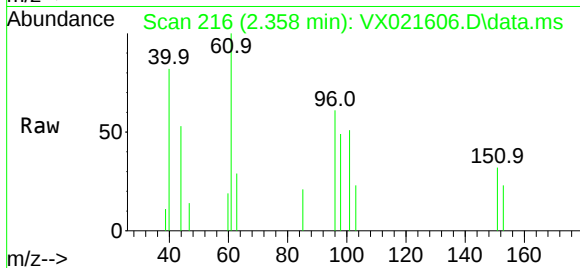




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.66 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

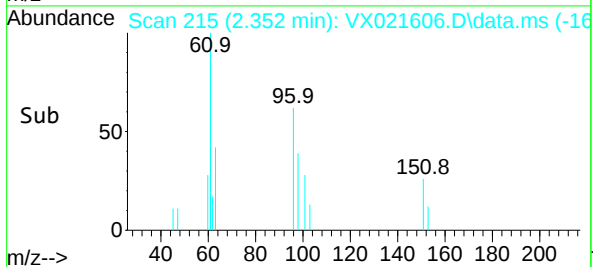
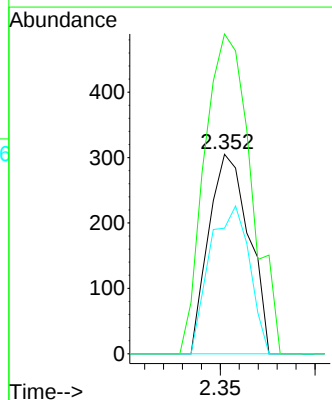
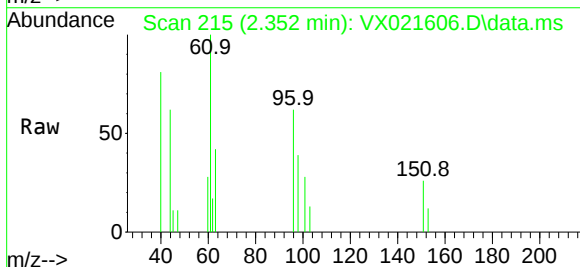
Instrument :
MSVOA_X
ClientSampled :

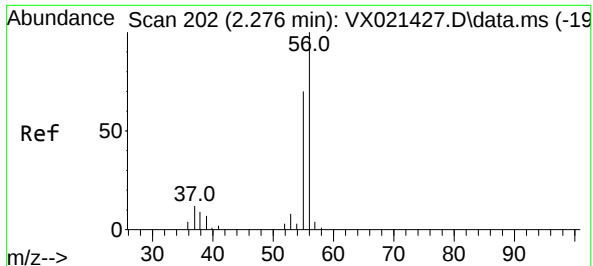
Tgt Ion:101 Resp: 404
Ion Ratio Lower Upper
101 100
85 34.4 34.9 52.3#
151 73.3 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.76 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Tgt Ion: 96 Resp: 450
Ion Ratio Lower Upper
96 100
61 160.3 124.6 187.0
98 63.0 50.6 76.0

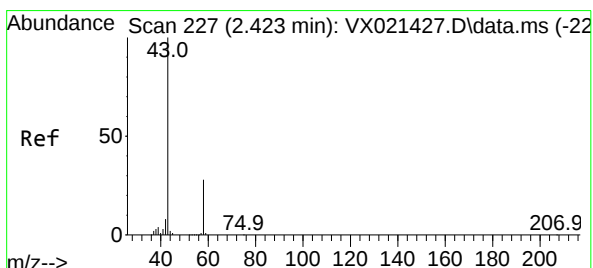
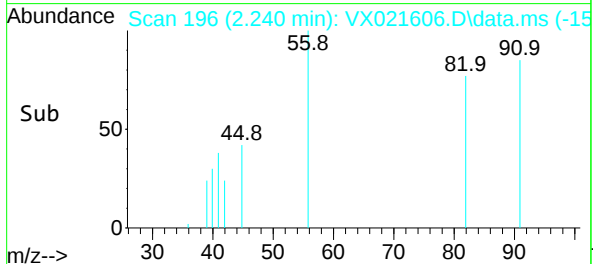
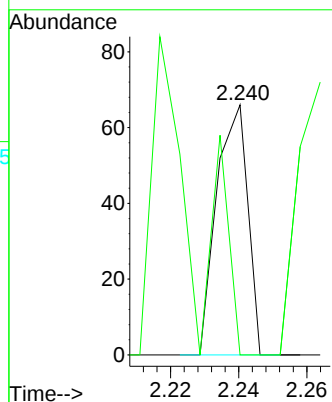
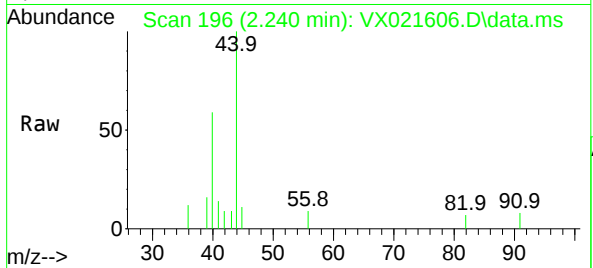




#13
Acrolein
Concen: 4.80 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

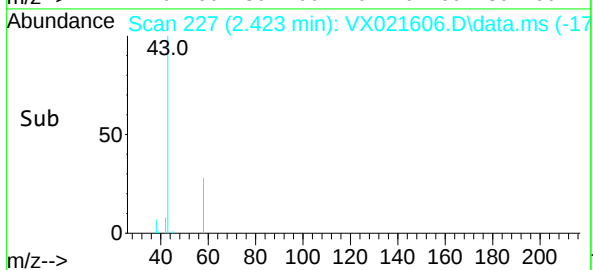
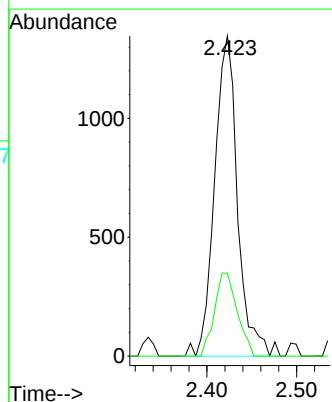
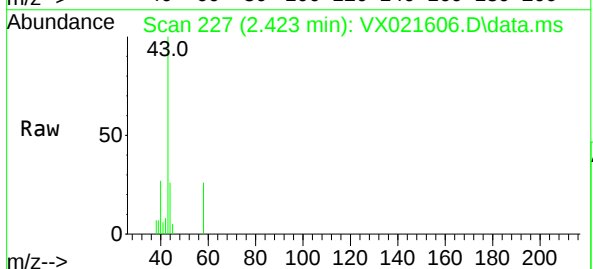
Instrument :
MSVOA_X
ClientSampled :

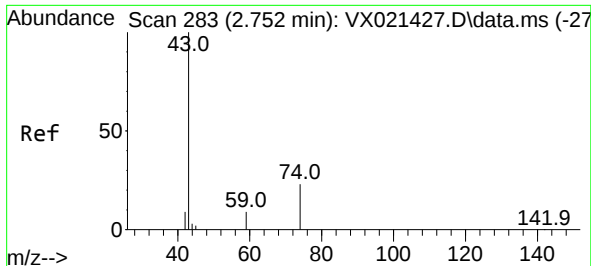
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 6.44 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#





#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021606.D

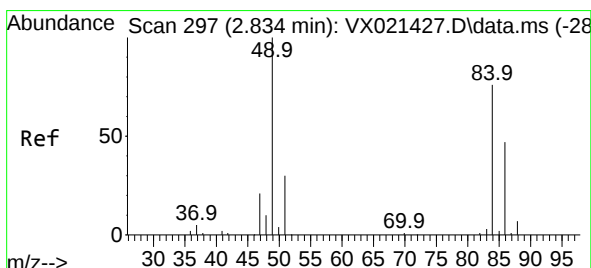
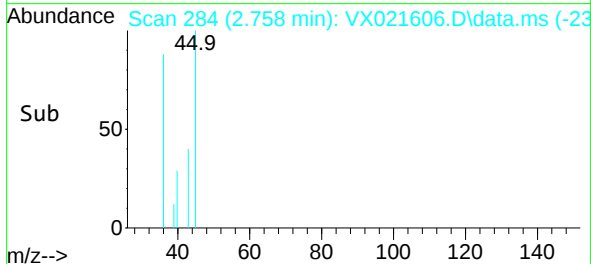
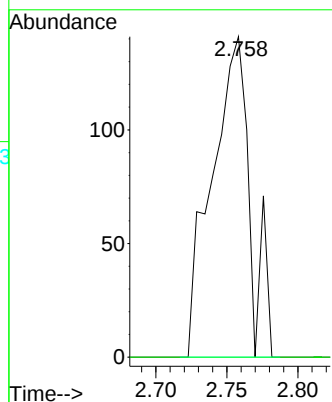
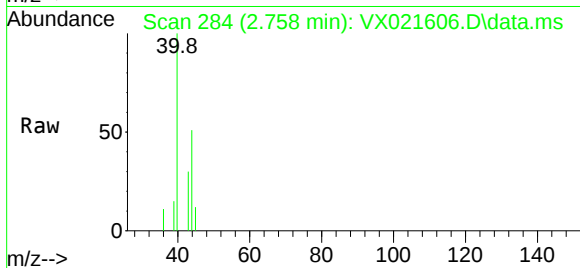
Acq: 30 Mar 2021 03:24

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.005 min

Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

Tgt Ion: 84 Resp: 191

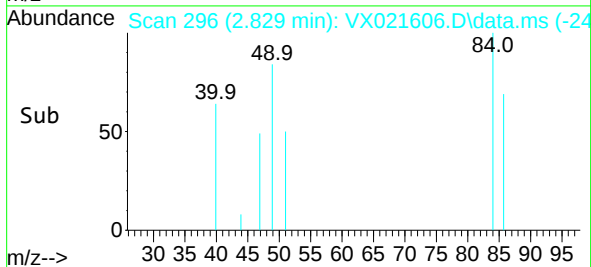
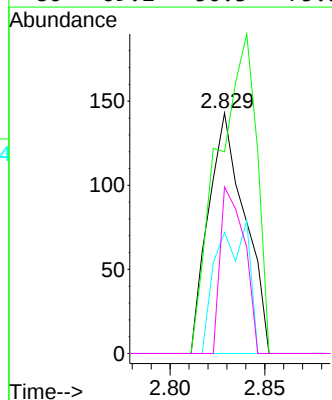
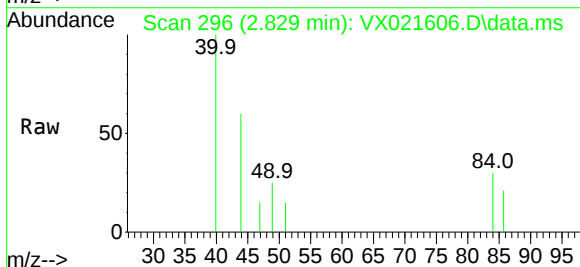
Ion Ratio Lower Upper

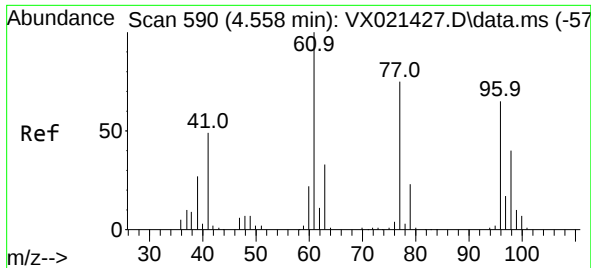
84 100

49 83.9 88.6 132.8#

51 50.3 27.0 40.6#

86 69.2 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.97 ug/l

RT: 4.558 min Scan# 590

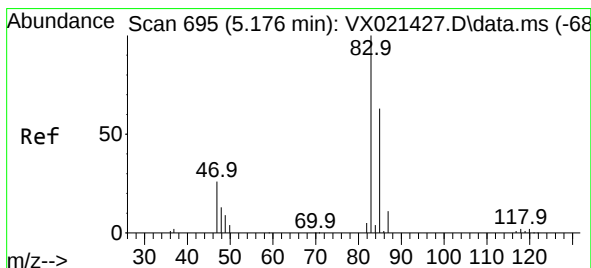
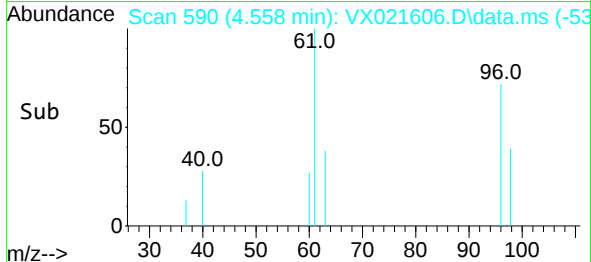
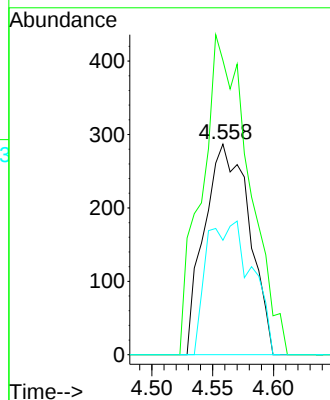
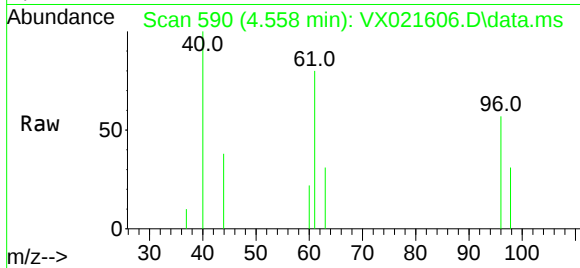
Delta R.T. 0.000 min

Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

Tgt Ion: 96 Resp: 737

Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	285.6
98	64.2	0.0	129.6



#30

Chloroform

Concen: 0.41 ug/l

RT: 5.164 min Scan# 693

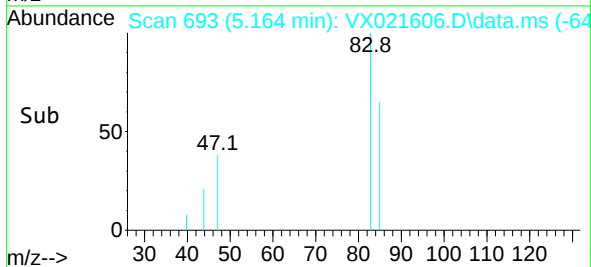
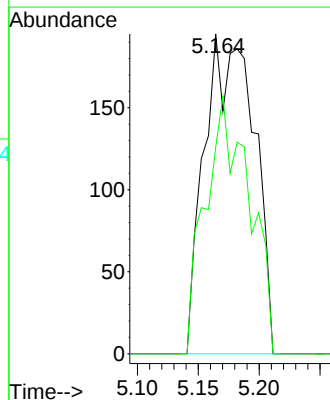
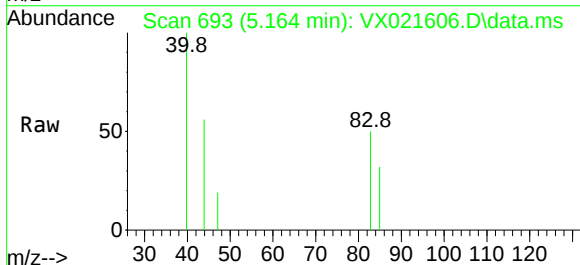
Delta R.T. -0.012 min

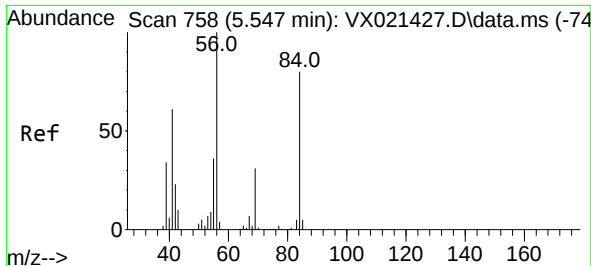
Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

Tgt Ion: 83 Resp: 550

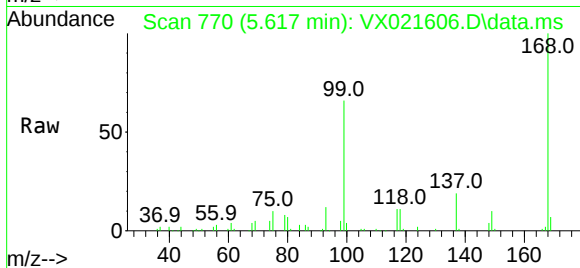
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0



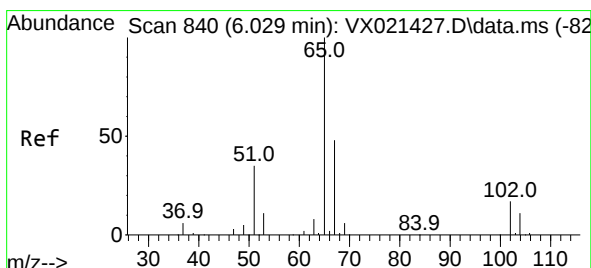
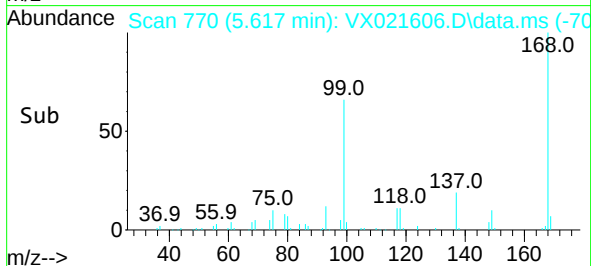
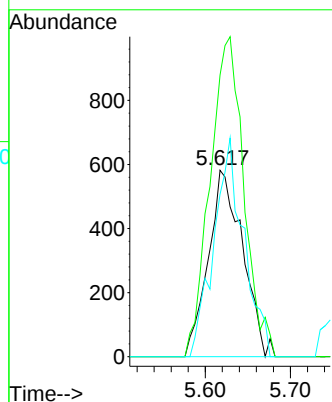


#31
Cyclohexane
Concen: 1.51 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Instrument :
MSVOA_X
ClientSampled :

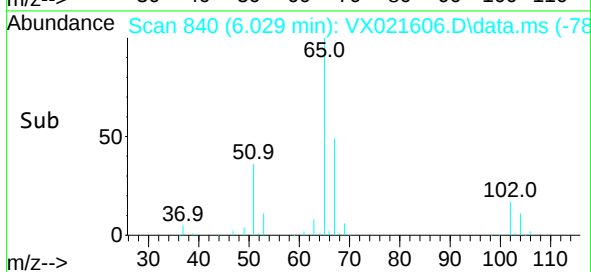
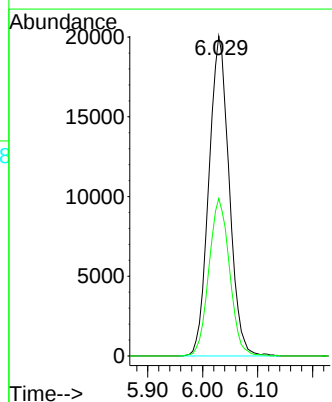
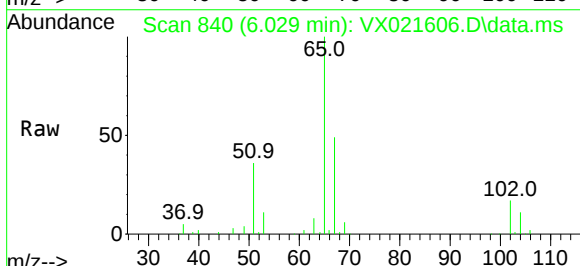


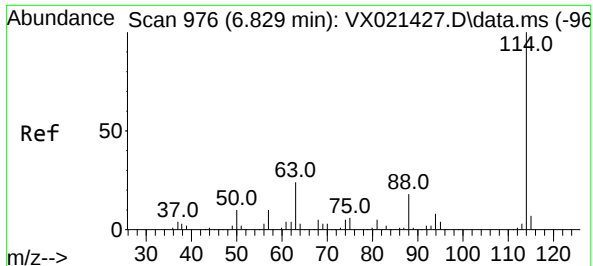
Tgt Ion: 56 Resp: 1631
Ion Ratio Lower Upper
56 100
69 151.0 25.3 37.9#
84 87.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.35 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Tgt Ion: 65 Resp: 51488
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

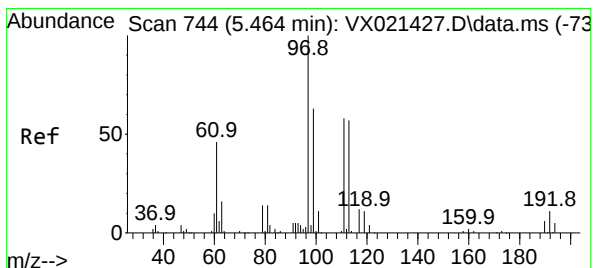
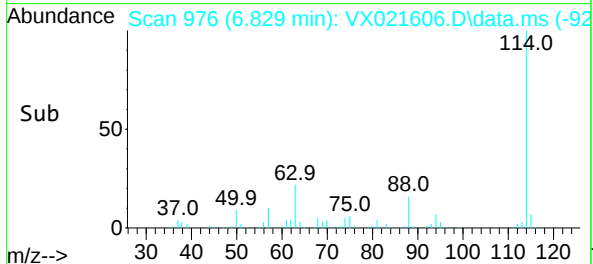
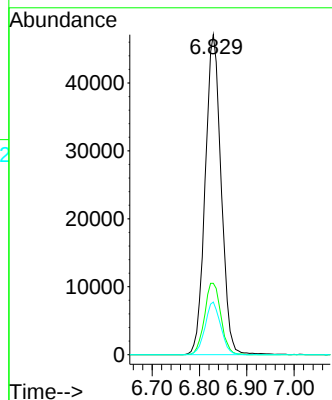
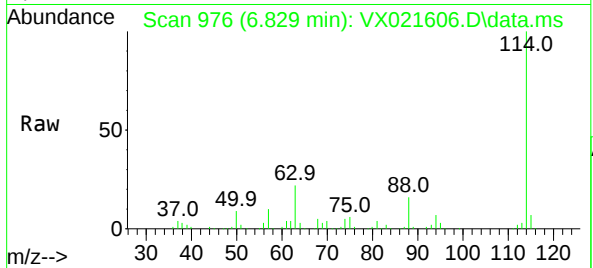




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

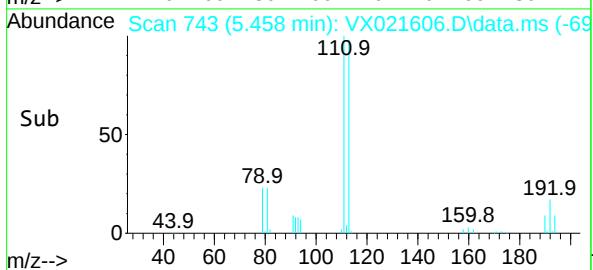
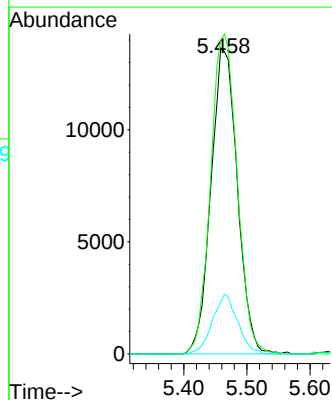
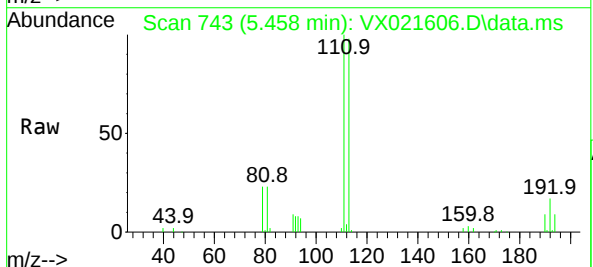
Instrument :
MSVOA_X
ClientSampled :

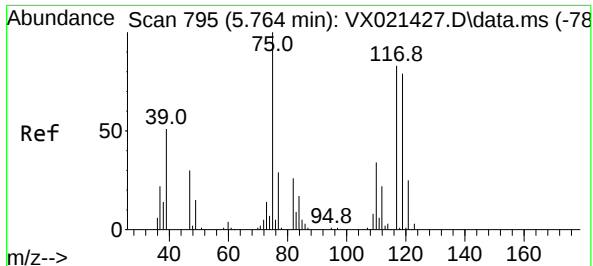
Tgt Ion:114 Resp: 109981
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.68 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Tgt Ion:113 Resp: 39593
Ion Ratio Lower Upper
113 100
111 105.5 81.9 122.9
192 18.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.141 min

Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

Tgt Ion: 75 Resp: 5225

Ion Ratio Lower Upper

75 100

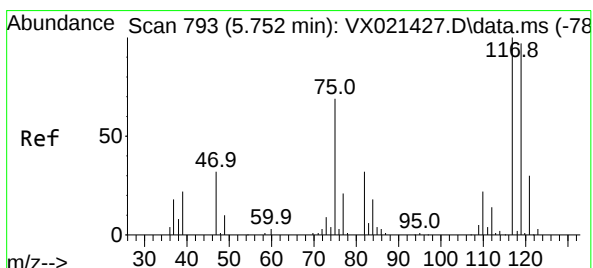
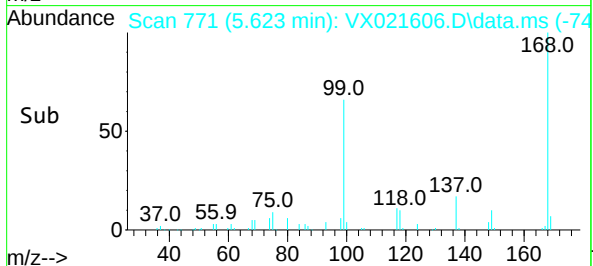
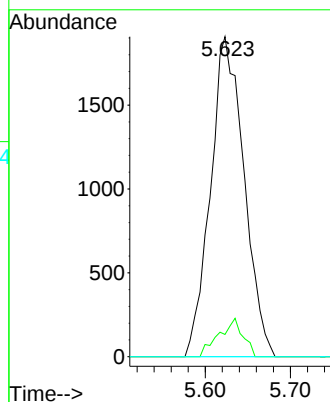
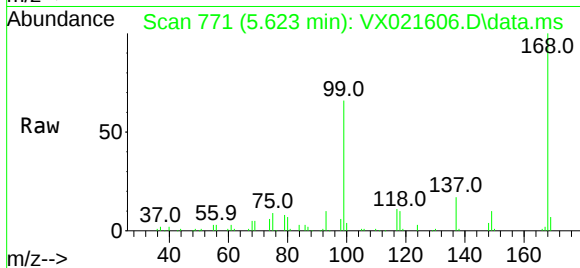
110 8.6 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 1.43 ug/l

RT: 5.753 min Scan# 793

Delta R.T. 0.001 min

Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

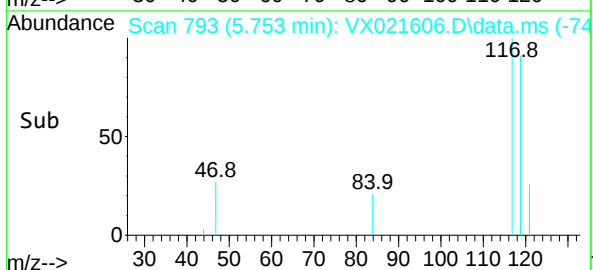
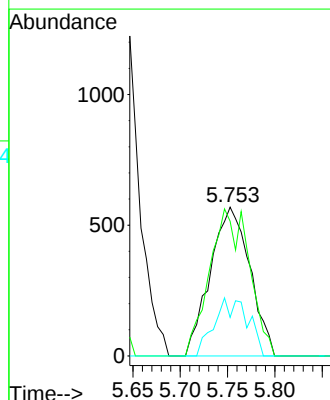
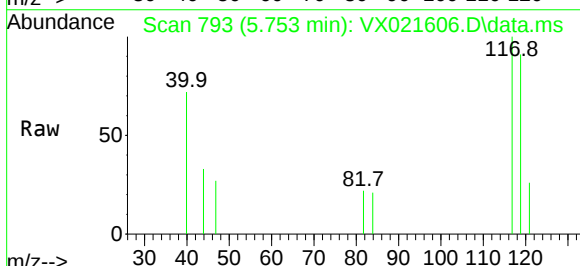
Tgt Ion: 117 Resp: 1658

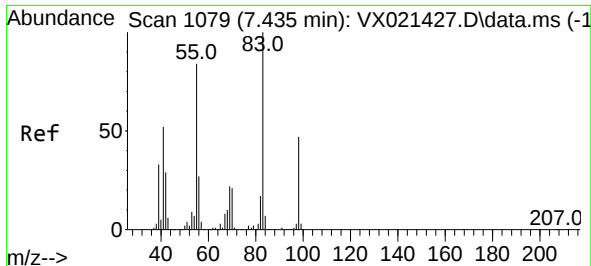
Ion Ratio Lower Upper

117 100

119 90.5 76.2 114.2

121 25.8 24.8 37.2





#39

Methylcyclohexane

Concen: 0.99 ug/l

RT: 7.182 min Scan# 1036

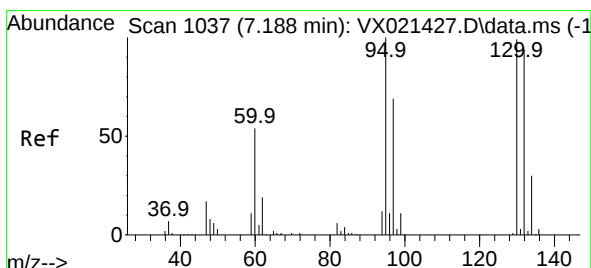
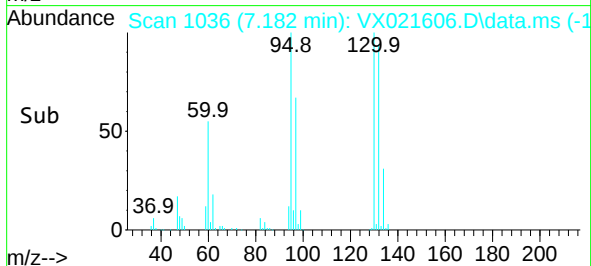
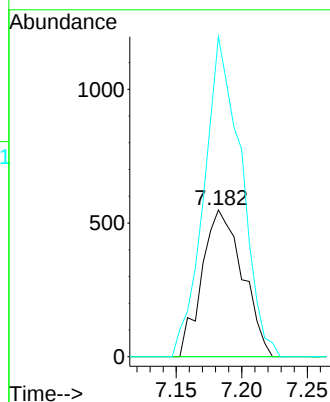
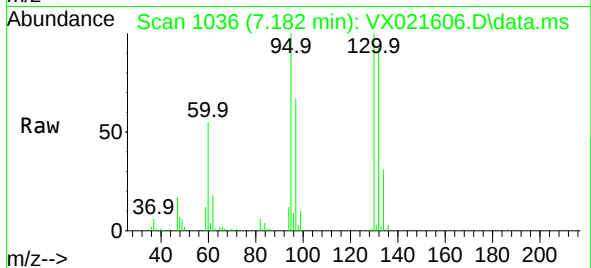
Delta R.T. -0.253 min

Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	83	Resp:	1183
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	218.0	38.1	57.1#



#44

Trichloroethene

Concen: 102.35 ug/l

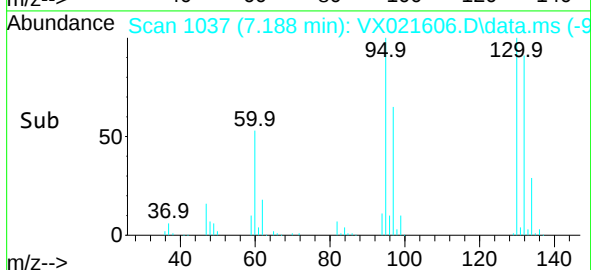
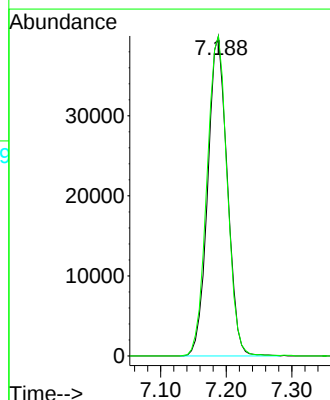
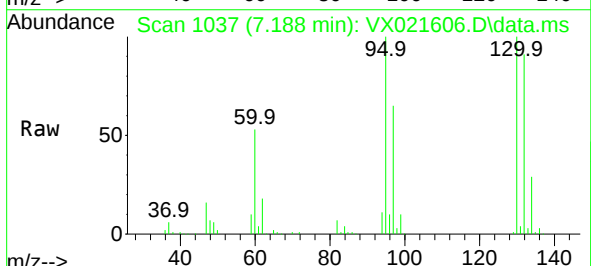
RT: 7.188 min Scan# 1037

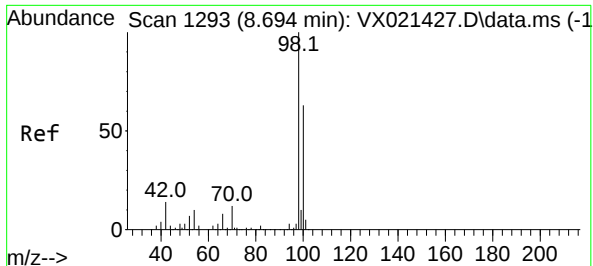
Delta R.T. 0.000 min

Lab File: VX021606.D

Acq: 30 Mar 2021 03:24

Tgt Ion:	130	Resp:	82650
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	198.0

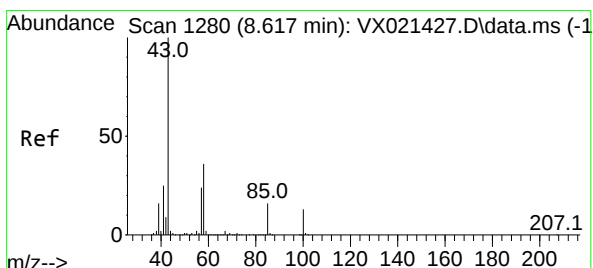
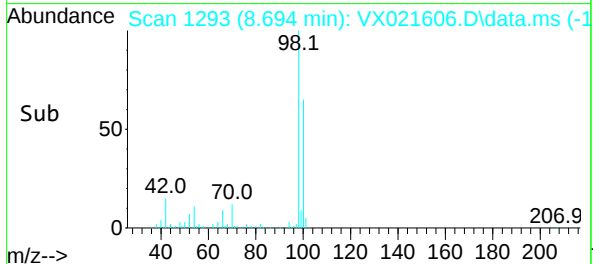
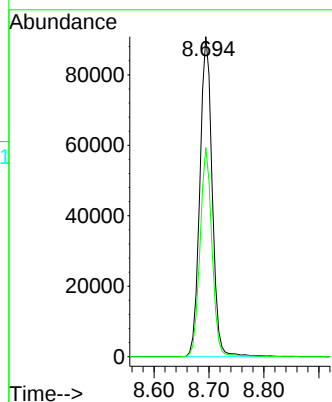
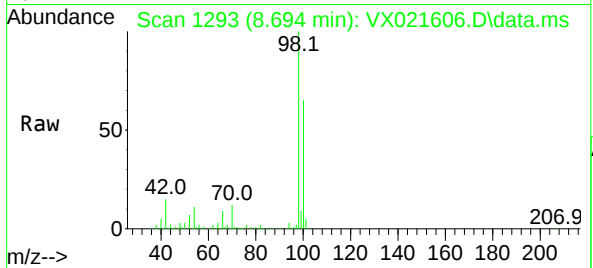




#50
Toluene-d8
Concen: 50.92 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

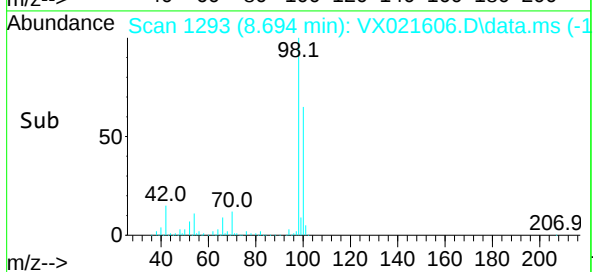
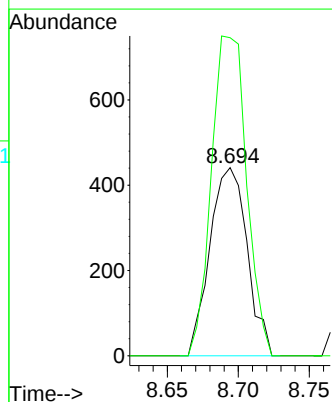
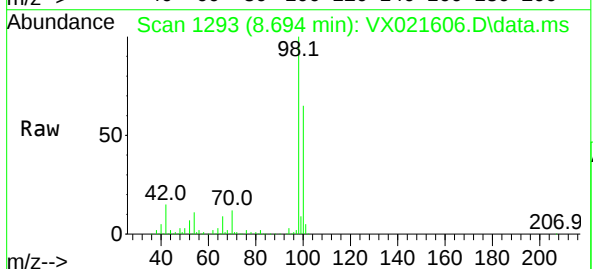
Instrument :
MSVOA_X
ClientSampled :

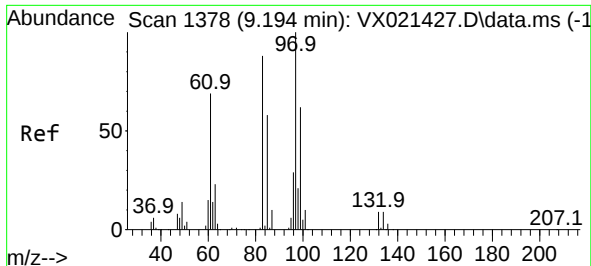
Tgt Ion: 98 Resp: 141743
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

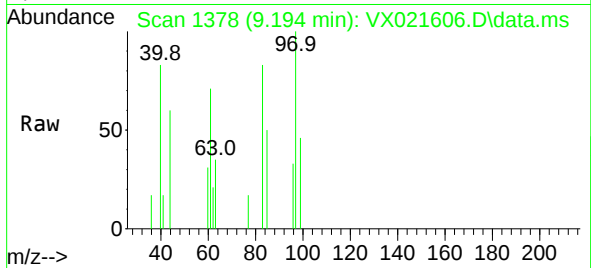
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 160.5 35.4 53.0#



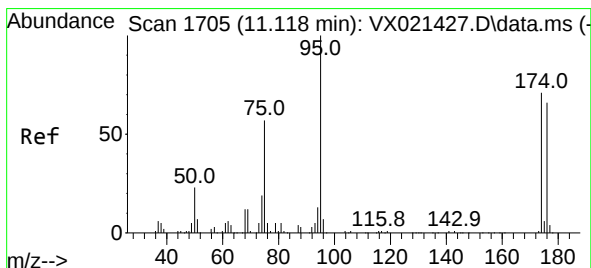
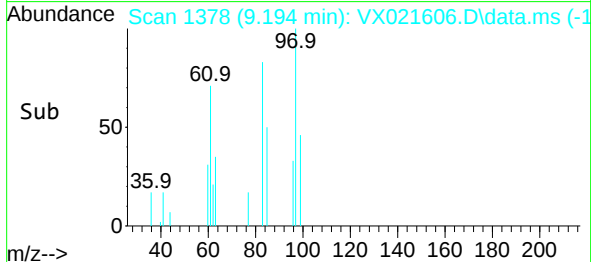
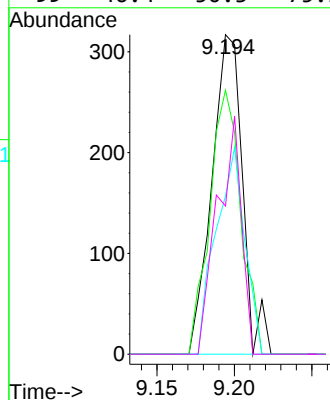


#55
1,1,2-Trichloroethane
Concen: 0.55 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

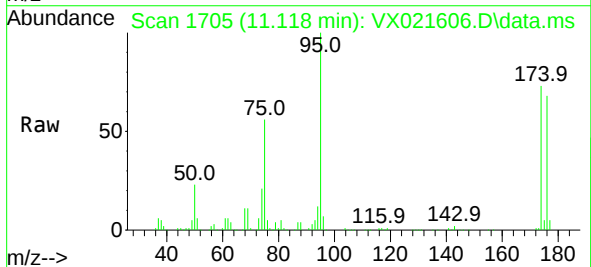
Instrument :
MSVOA_X
ClientSampled :



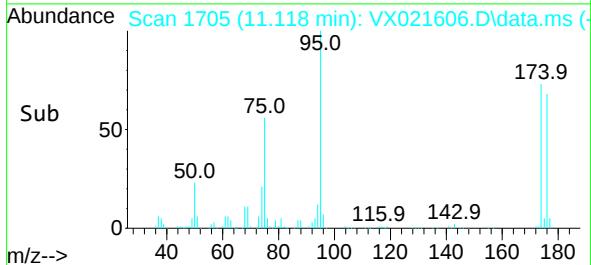
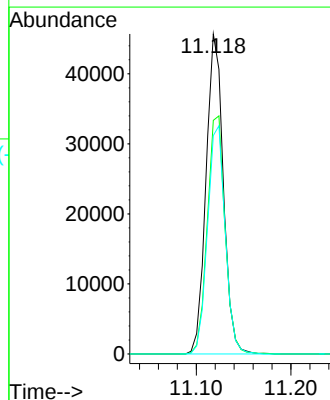
Tgt Ion:	97	Resp:	435
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.3	103.9
85	49.5	44.3	66.5
99	46.4	50.3	75.5#

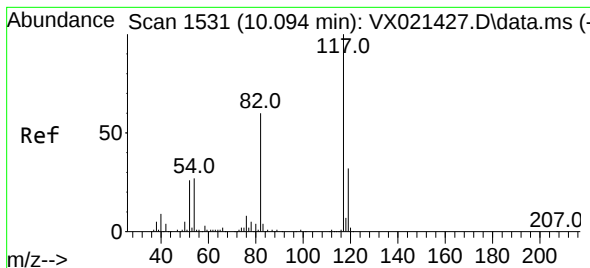


#62
4-Bromofluorobenzene
Concen: 53.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24



Tgt Ion:	95	Resp:	57922
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	154.6
176	72.8	0.0	155.8

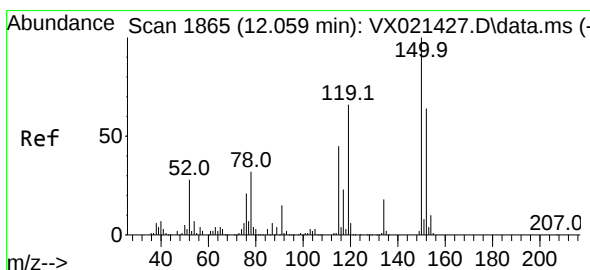
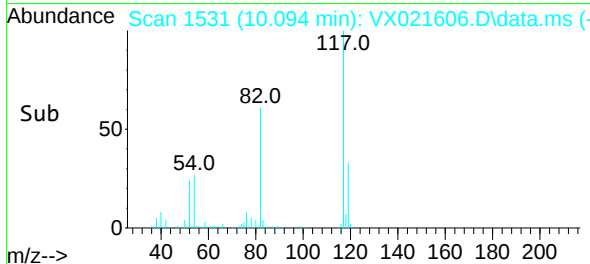
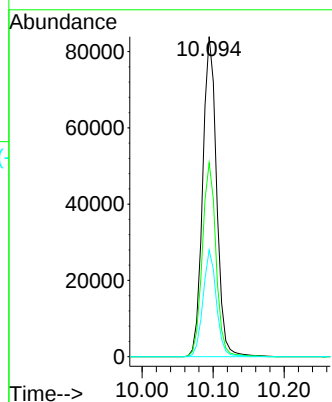
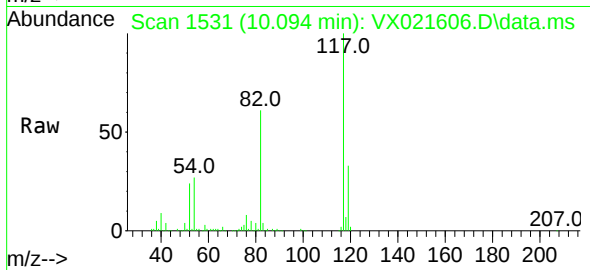




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

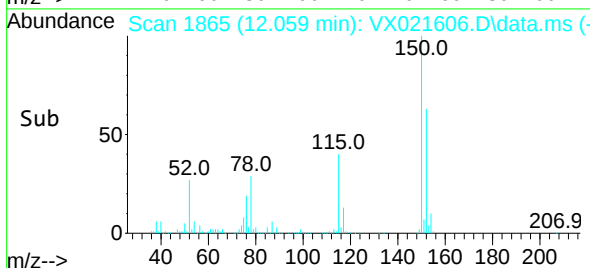
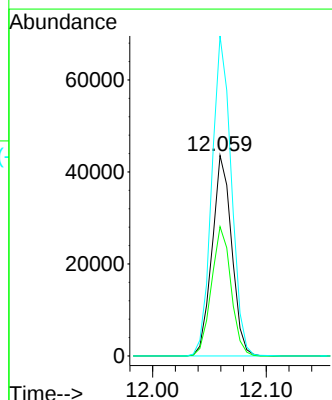
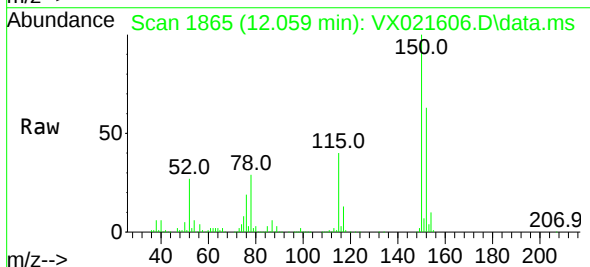
Instrument :
MSVOA_X
ClientSampled :

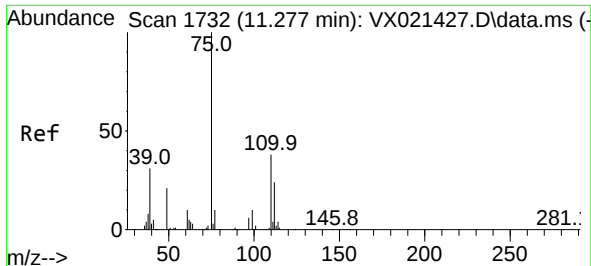
Tgt Ion:117 Resp: 114852
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 33.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Tgt Ion:152 Resp: 52268
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 158.7 0.0 349.0

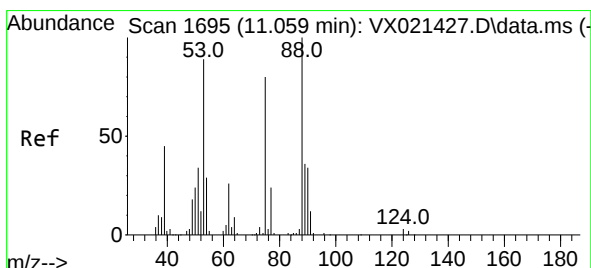
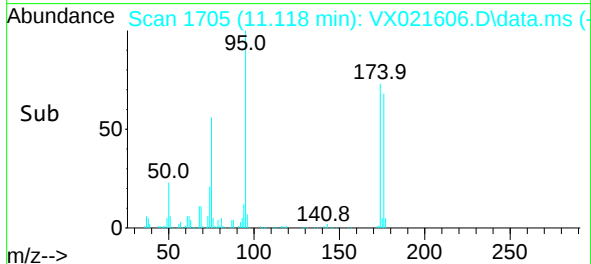
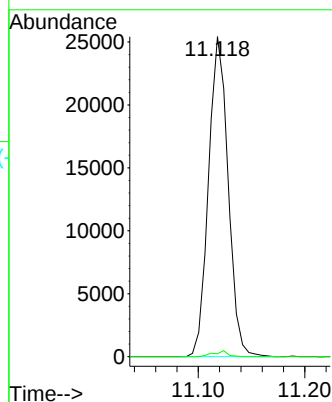
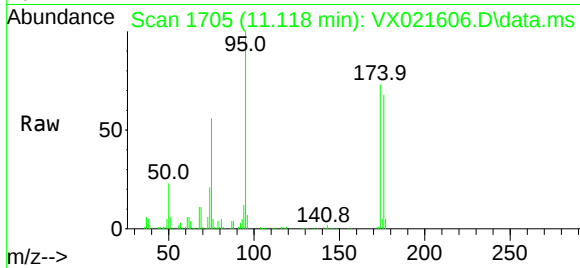




#76
1,2,3-Trichloropropane
Concen: 26.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 32559
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021606.D
Acq: 30 Mar 2021 03:24

Tgt Ion: 75 Resp: 32559
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

