

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021050.D
 Acq On : 08 Mar 2021 11:28
 Operator : JC/MD
 Sample : VX0308MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBL01

Quant Time: Mar 09 01:03:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

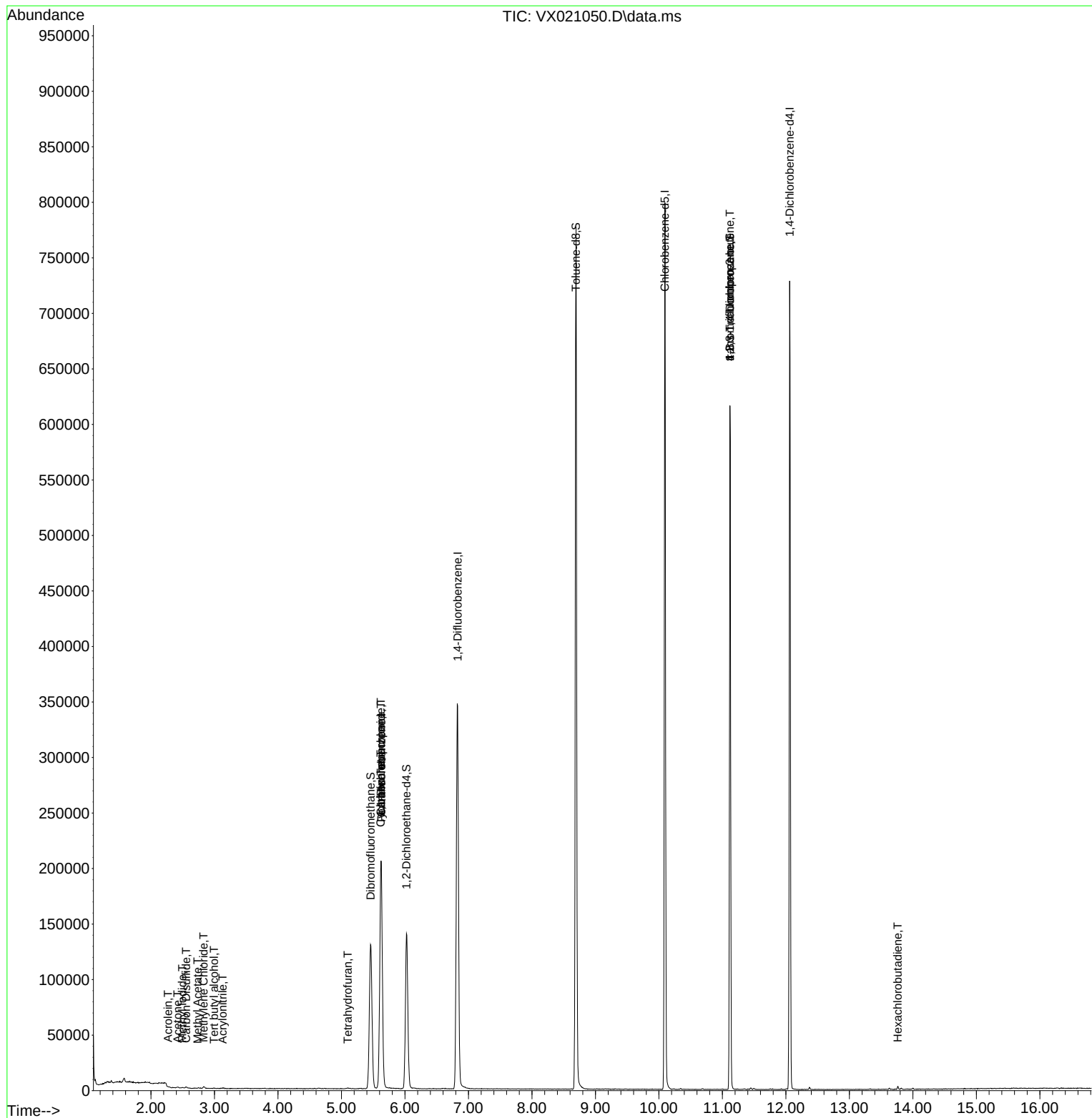
Internal Standards						
1) Pentafluorobenzene	5.629	168	200311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	372891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	360223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	155966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	132854	49.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.20%		
35) Dibromofluoromethane	5.458	113	117381	51.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.62%		
50) Toluene-d8	8.694	98	471987	53.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.86%		
62) 4-Bromofluorobenzene	11.118	95	170890	52.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.64%		
Target Compounds						Qvalue
5) Bromomethane	1.646	94	390	Below Cal		96
10) Methyl Iodide	2.493	142	622	0.21 ug/l #		89
11) Tert butyl alcohol	2.993	59	149	0.25 ug/l #		73
13) Acrolein	2.270	56	192	0.51 ug/l #		2
15) Acrylonitrile	3.129	53	327	0.25 ug/l		95
16) Acetone	2.417	43	1250	1.12 ug/l		100
17) Carbon Disulfide	2.552	76	1320	0.21 ug/l #		86
18) Methyl Acetate	2.734	43	604	0.23 ug/l #		67
20) Methylene Chloride	2.829	84	862	0.32 ug/l #		81
29) Tetrahydrofuran	5.099	42	589	0.54 ug/l #		38
31) Cyclohexane	5.617	56	4048	1.03 ug/l #		1
36) 1,1-Dichloropropene	5.623	75	15990	4.51 ug/l #		48
38) Carbon Tetrachloride	5.623	117	19825	5.77 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	81295	24.23 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	81295	53.64 ug/l #		12
94) Hexachlorobutadiene	13.759	225	422	0.33 ug/l		95

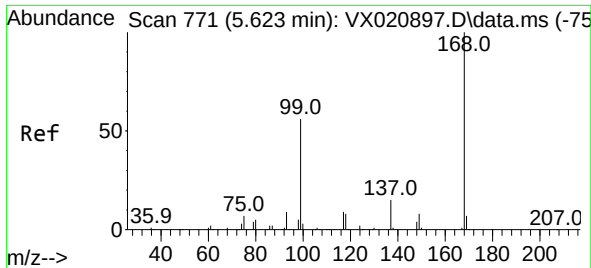
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 01:03:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

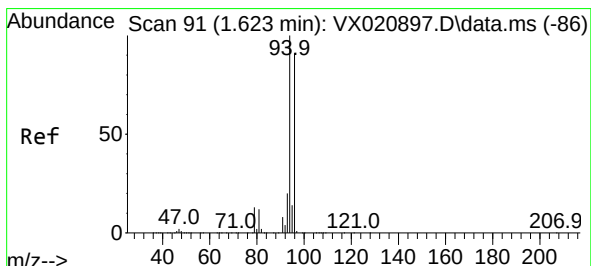
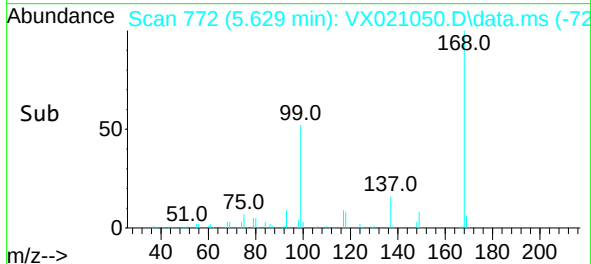
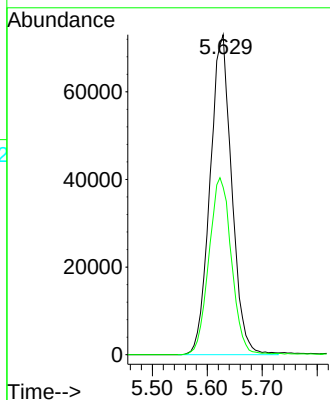
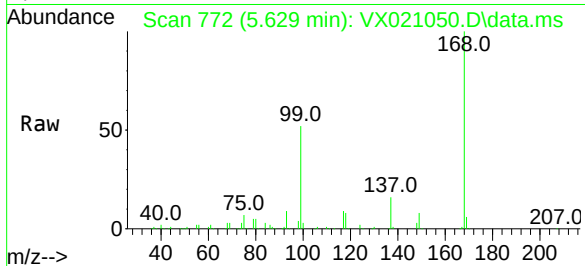




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

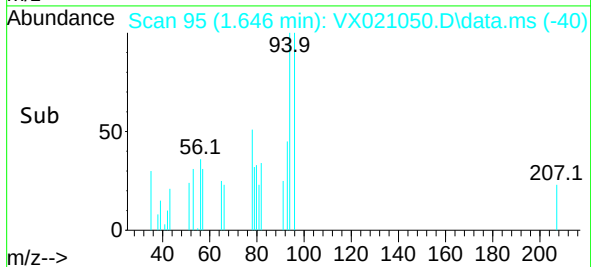
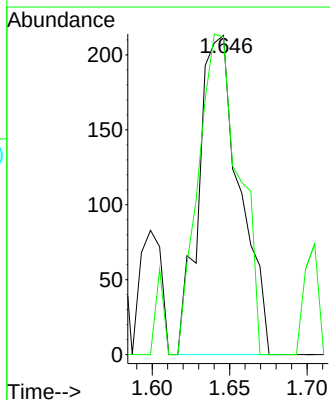
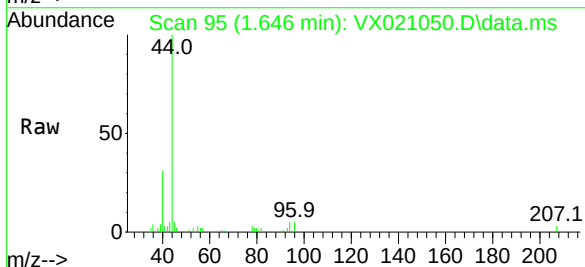
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

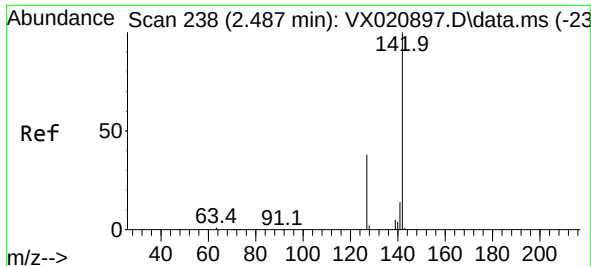
Tgt Ion:168 Resp: 200311
Ion Ratio Lower Upper
168 100
99 52.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 94 Resp: 390
Ion Ratio Lower Upper
94 100
96 99.5 76.4 114.6

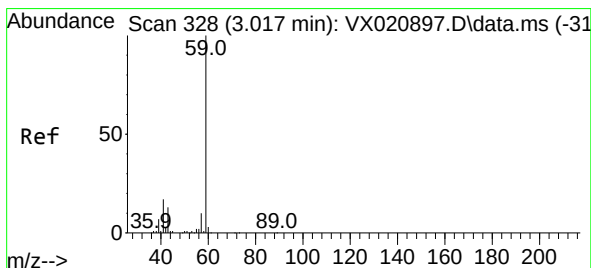
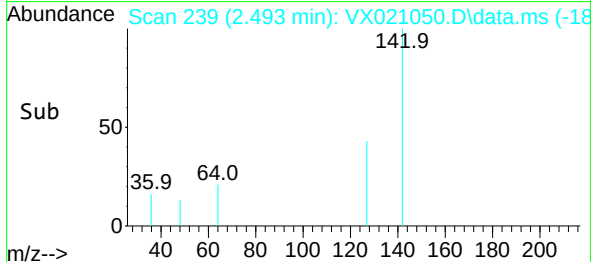
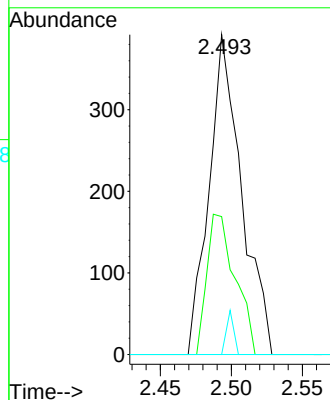
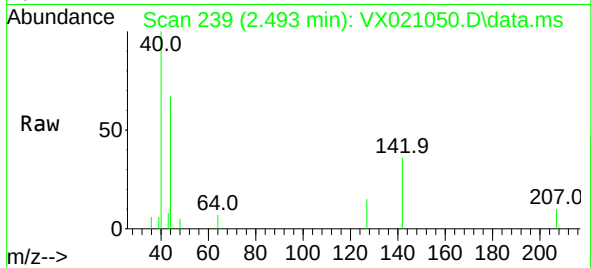




#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

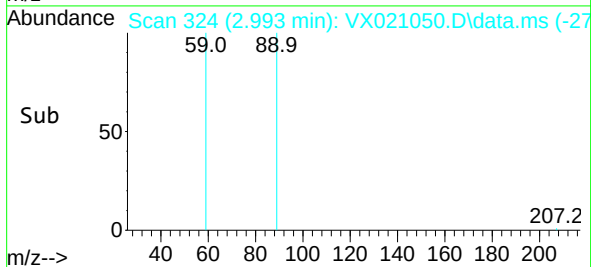
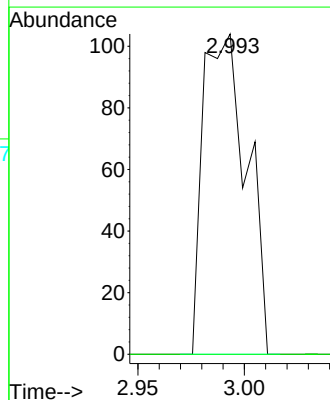
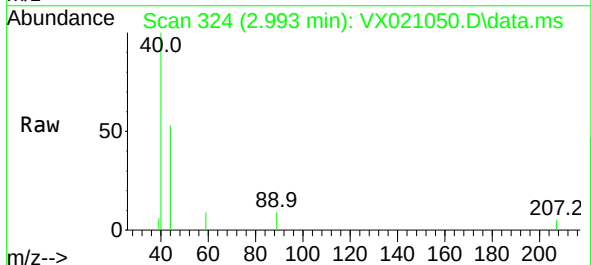
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

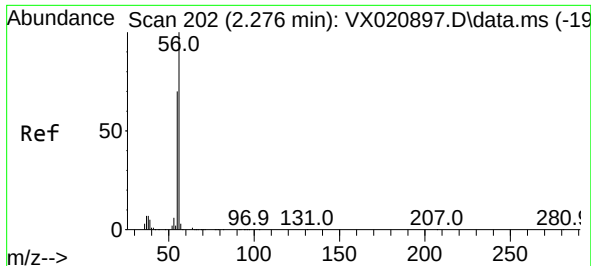
Tgt Ion:142 Resp: 622
Ion Ratio Lower Upper
142 100
127 38.3 33.3 49.9
141 3.1 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.25 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

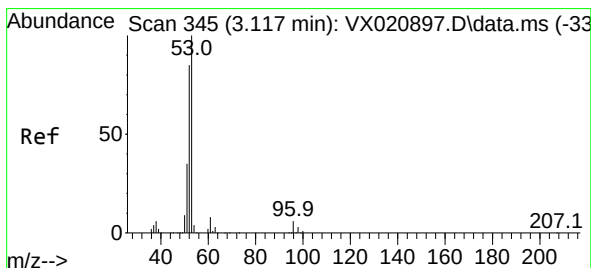
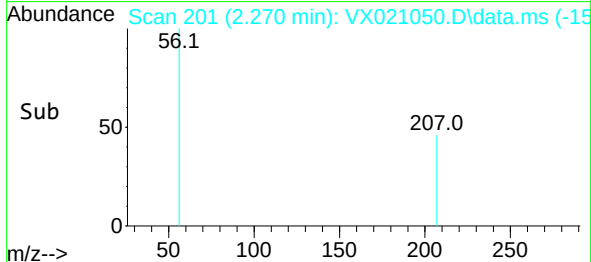
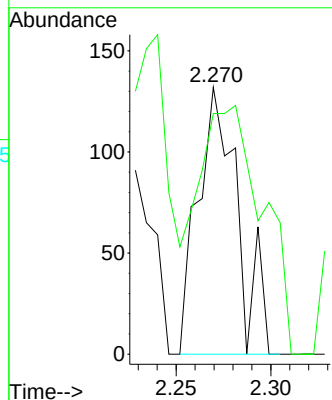
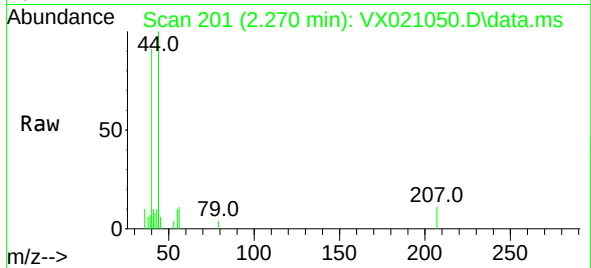




#13
Acrolein
Concen: 0.51 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

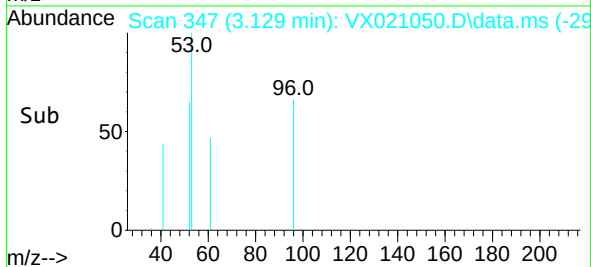
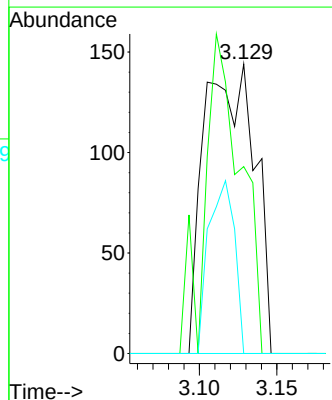
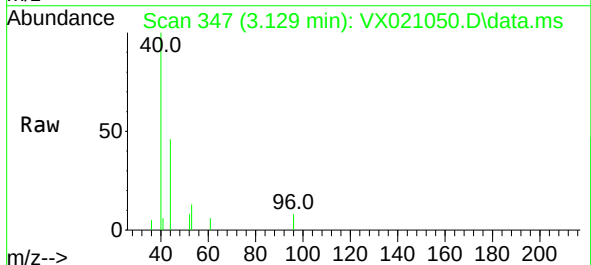
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

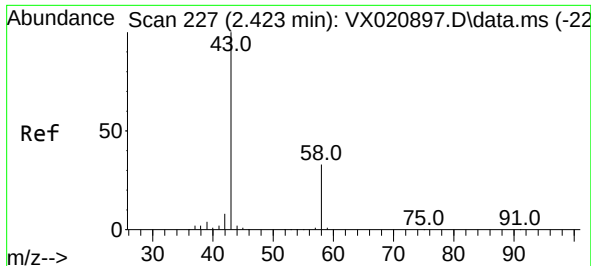
Tgt Ion: 56 Resp: 192
Ion Ratio Lower Upper
56 100
55 151.6 56.4 84.6#



#15
Acrylonitrile
Concen: 0.25 ug/l
RT: 3.129 min Scan# 347
Delta R.T. 0.012 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 53 Resp: 327
Ion Ratio Lower Upper
53 100
52 78.6 65.3 97.9
51 30.6 28.2 42.2

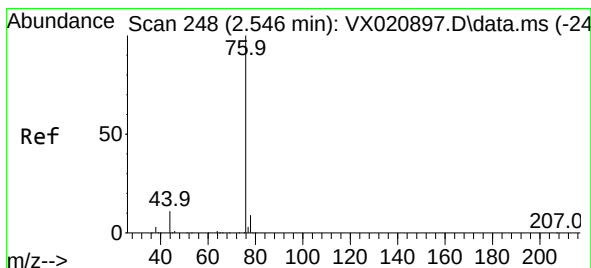
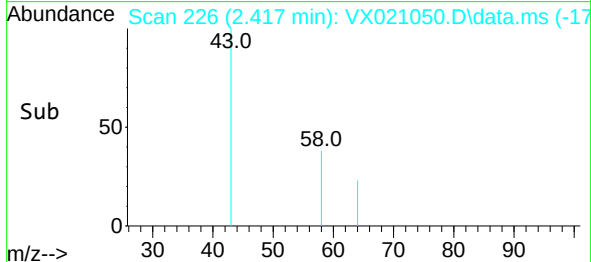
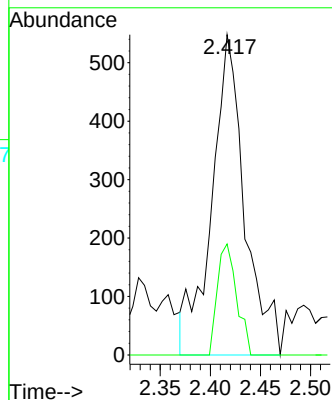
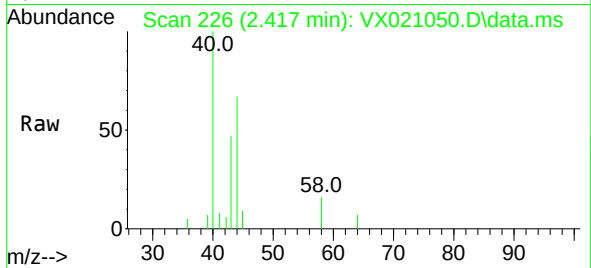




#16
Acetone
Concen: 1.12 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

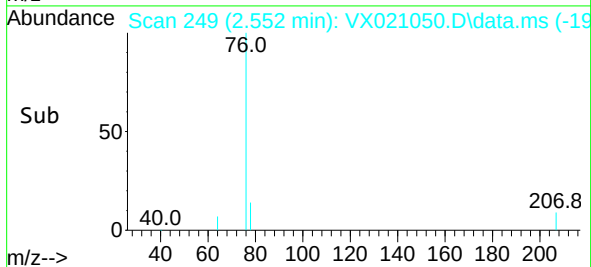
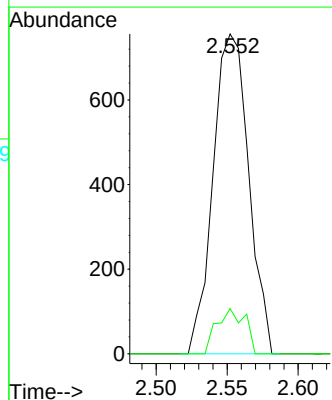
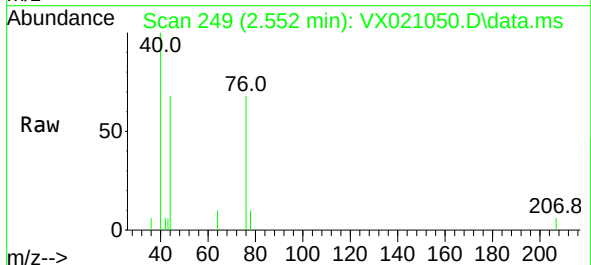
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

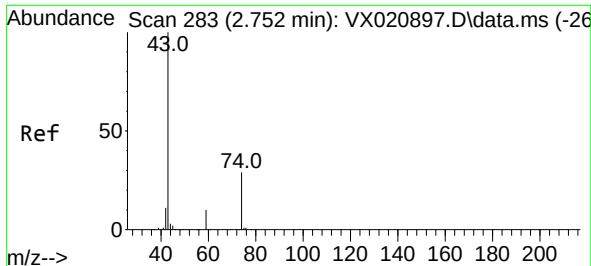
Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 76 Resp: 1320
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#

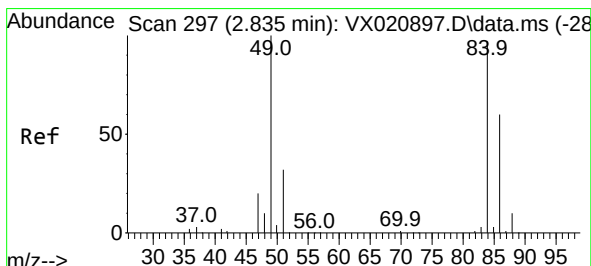
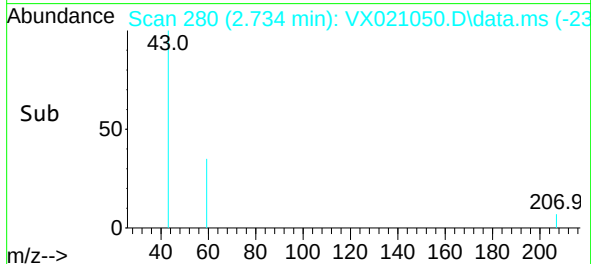
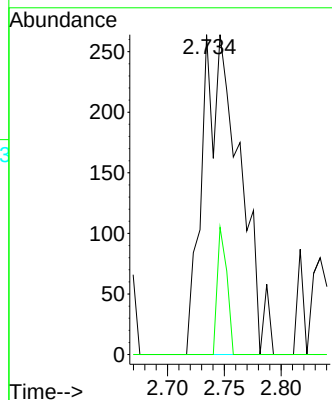
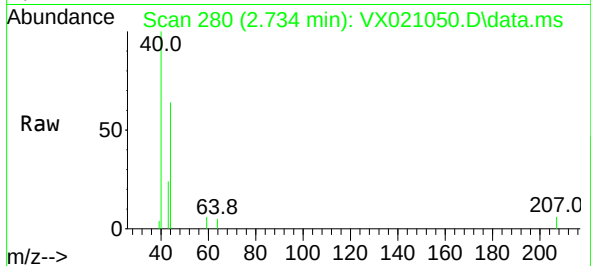




#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.734 min Scan# 280
Delta R.T. -0.018 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

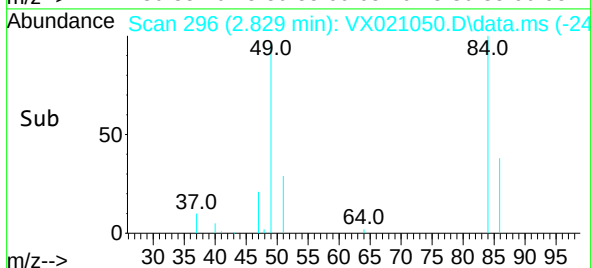
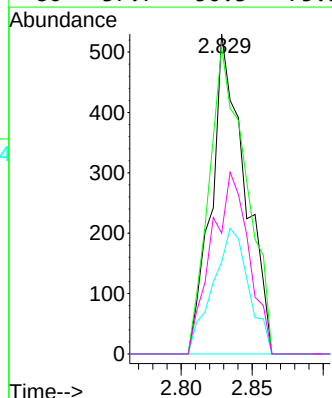
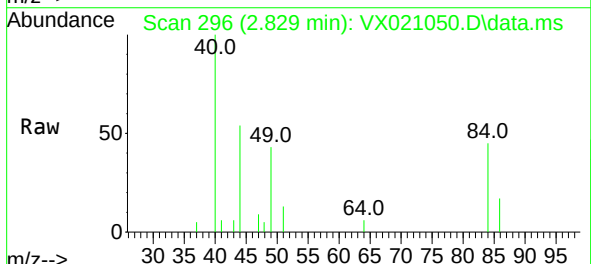
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

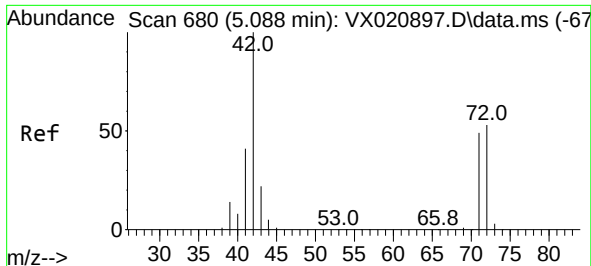
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
74 10.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 84 Resp: 862
Ion Ratio Lower Upper
84 100
49 96.0 88.6 132.8
51 28.7 27.0 40.6
86 37.7 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.54 ug/l

RT: 5.099 min Scan# 682

Delta R.T. 0.012 min

Lab File: VX021050.D

Acq: 08 Mar 2021 11:28

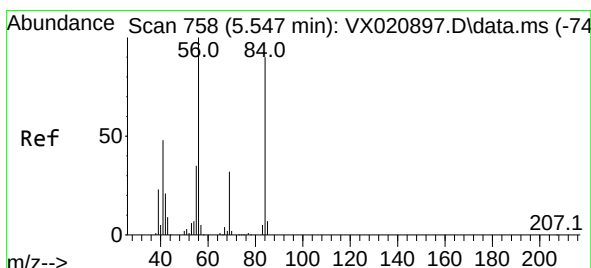
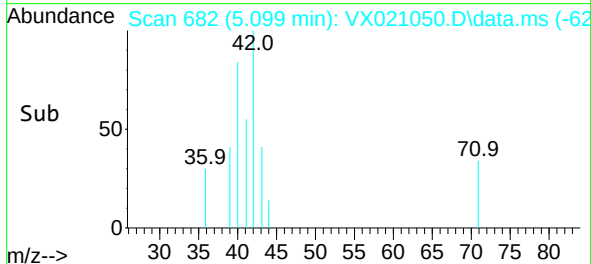
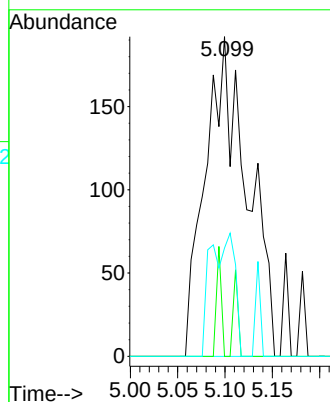
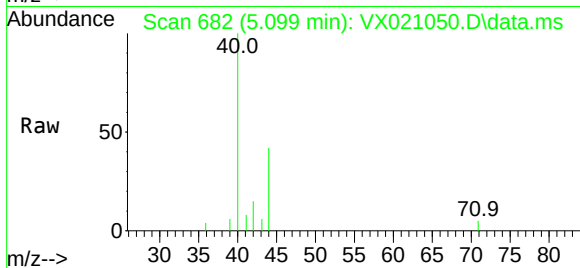
Instrument :

MSVOA_X

ClientSampleId :

VX0308WBL01

Tgt Ion:	42	Resp:	589
Ion	Ratio	Lower	Upper
42	100		
72	3.9	41.7	62.5#
71	11.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.03 ug/l

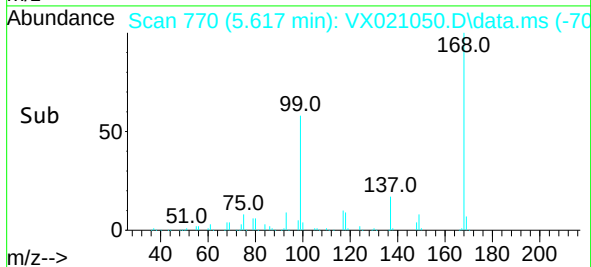
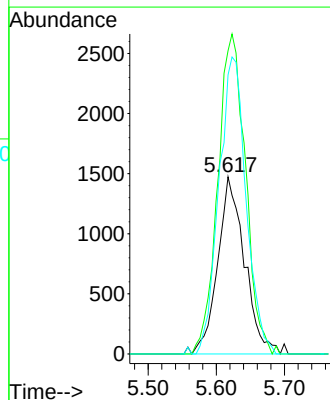
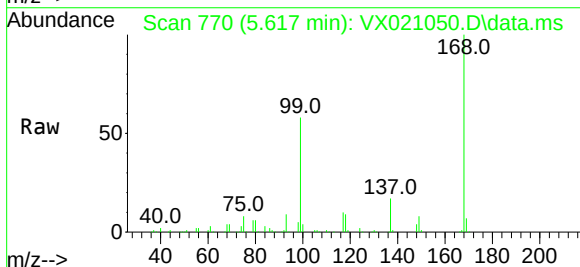
RT: 5.617 min Scan# 770

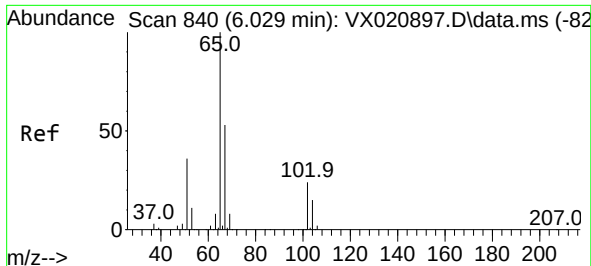
Delta R.T. 0.070 min

Lab File: VX021050.D

Acq: 08 Mar 2021 11:28

Tgt Ion:	56	Resp:	4048
Ion	Ratio	Lower	Upper
56	100		
69	171.1	25.3	37.9#
84	157.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.10 ug/l

RT: 6.023 min Scan# 839

Delta R.T. -0.006 min

Lab File: VX021050.D

Acq: 08 Mar 2021 11:28

Tgt Ion: 65 Resp: 132854

Ion Ratio Lower Upper

65 100

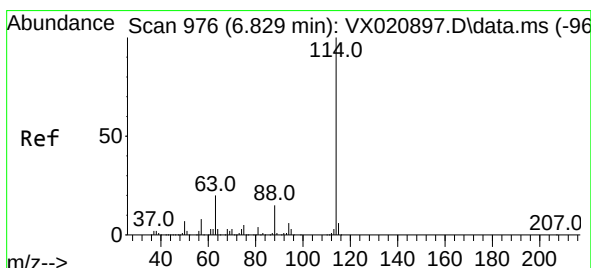
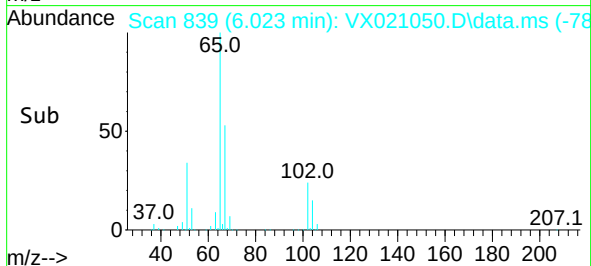
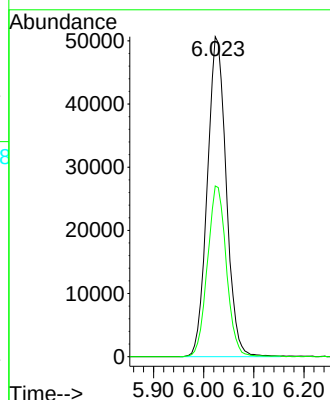
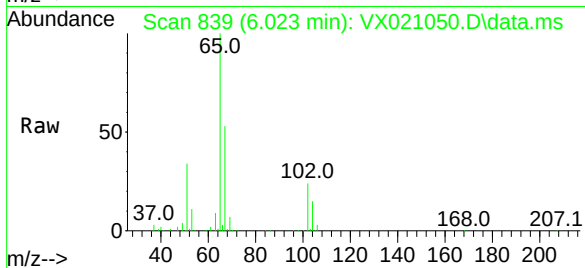
67 53.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021050.D

Acq: 08 Mar 2021 11:28

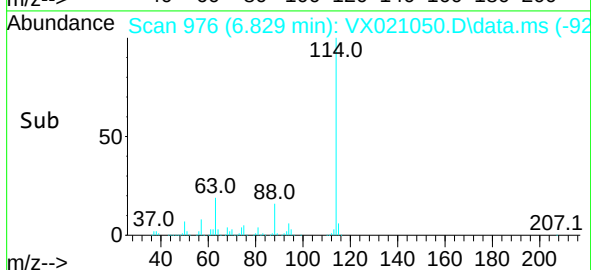
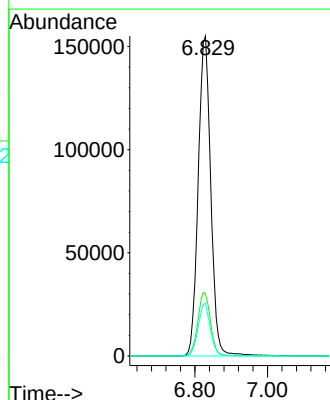
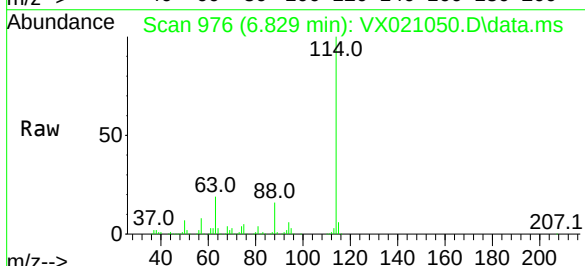
Tgt Ion: 114 Resp: 372891

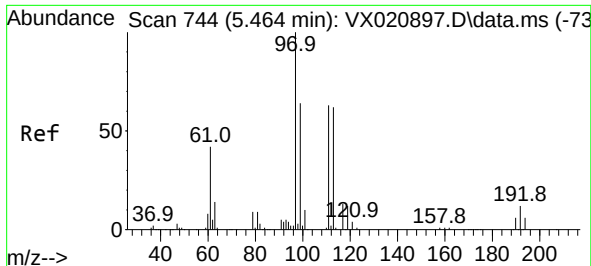
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 16.4 0.0 32.8

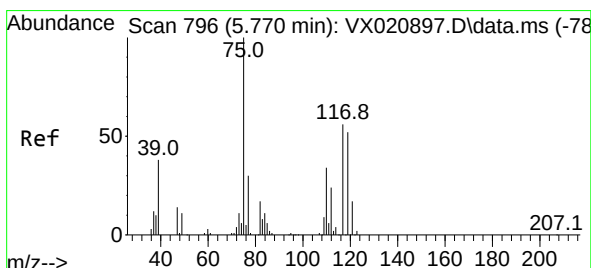
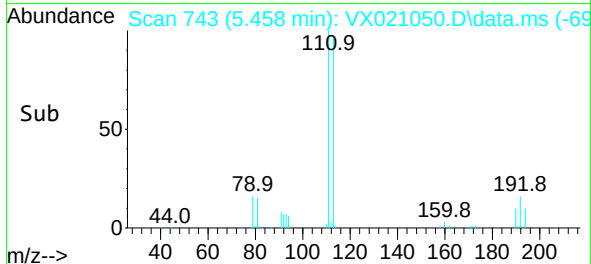
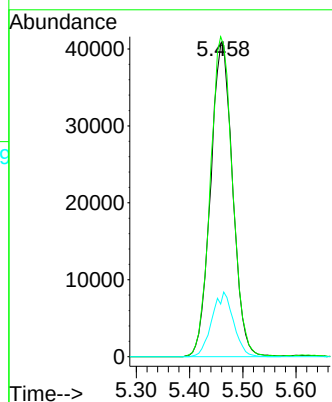
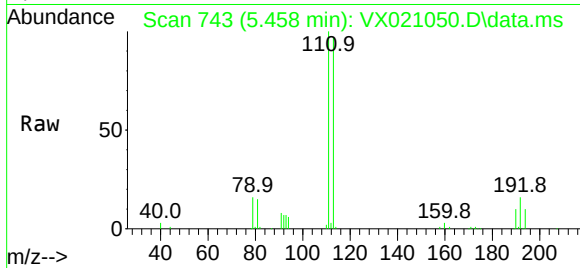




#35
Dibromofluoromethane
Concen: 51.81 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

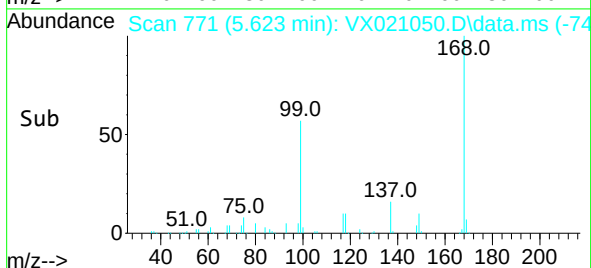
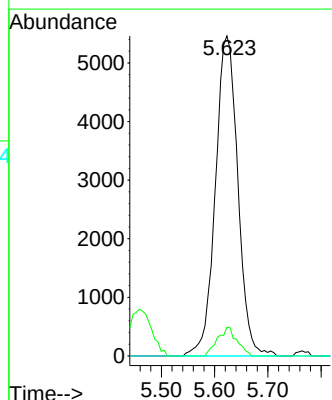
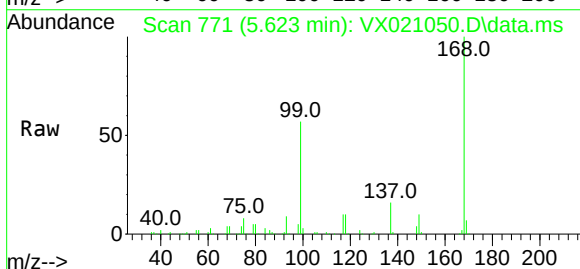
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

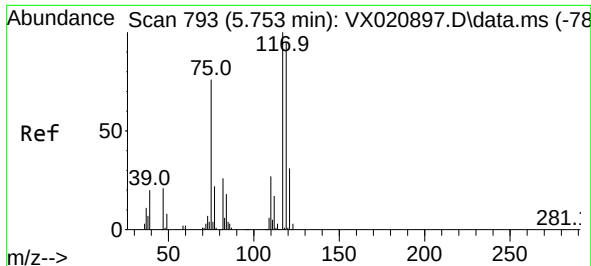
Tgt Ion:113 Resp: 117381
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 75 Resp: 15990
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#

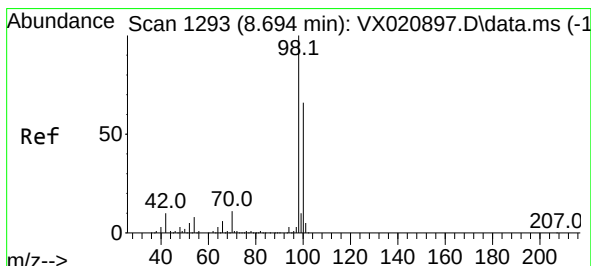
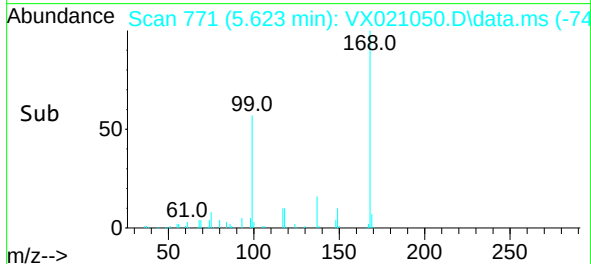
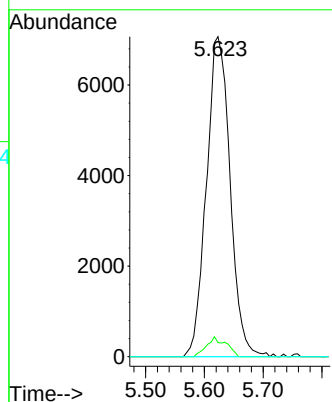
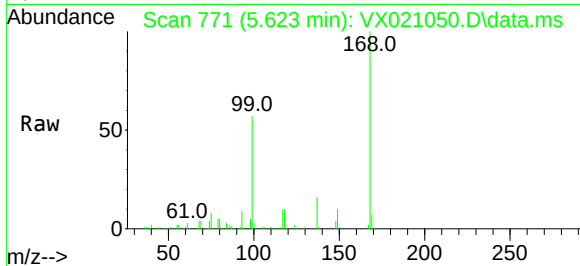




#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

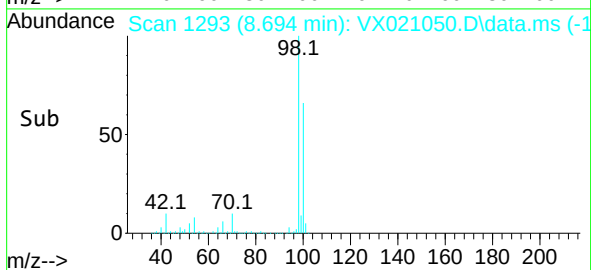
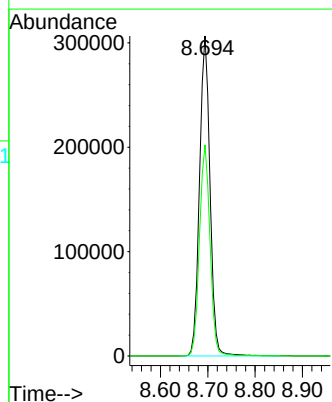
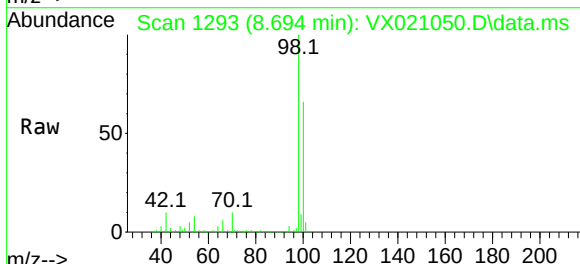
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

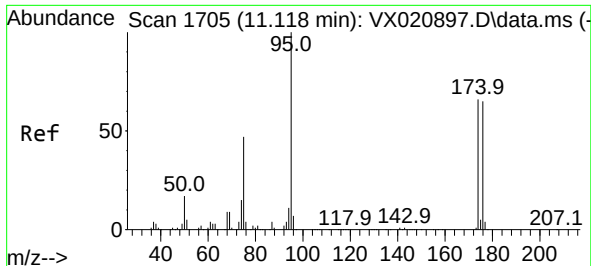
Tgt Ion:117 Resp: 19825
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.43 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 98 Resp: 471987
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

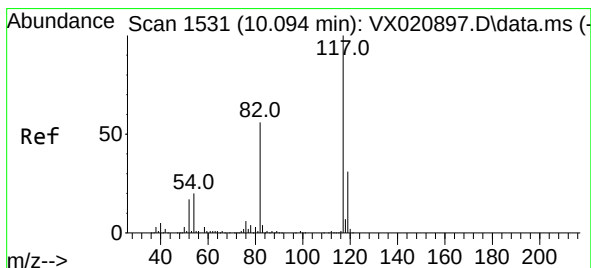
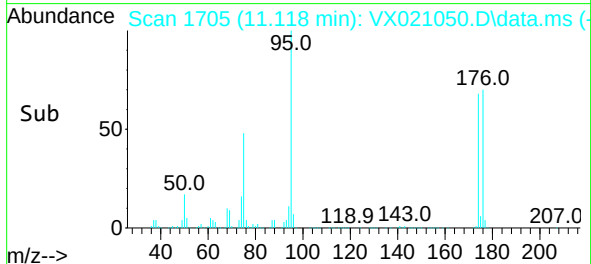
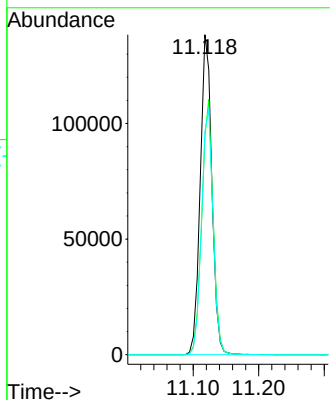
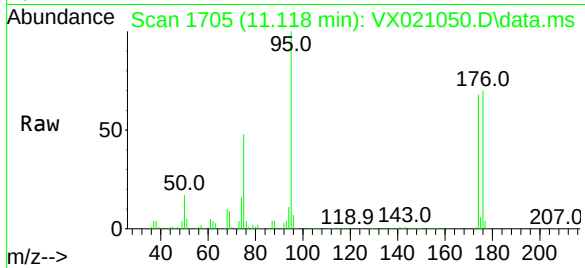




#62
4-Bromofluorobenzene
Concen: 52.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

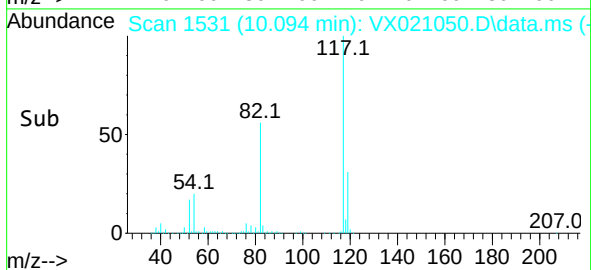
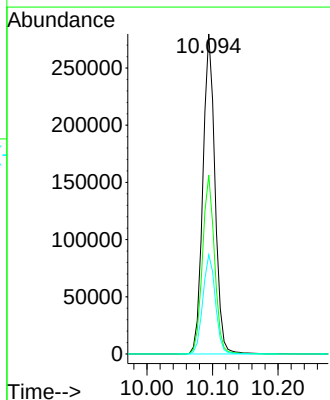
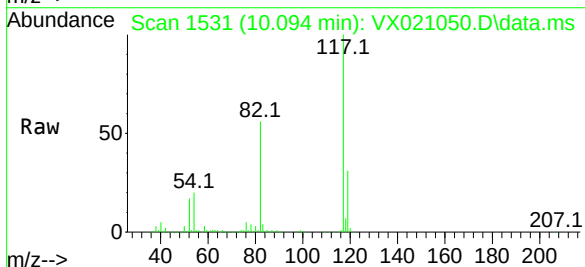
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

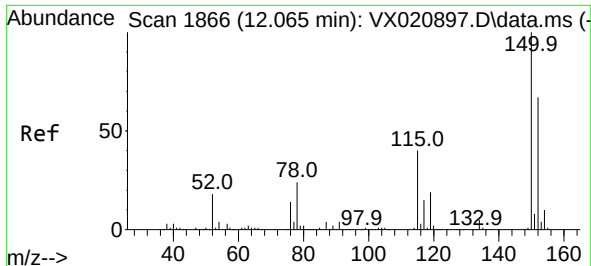
Tgt Ion: 95 Resp: 170890
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 76.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 117 Resp: 360223
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.0 26.6 39.8

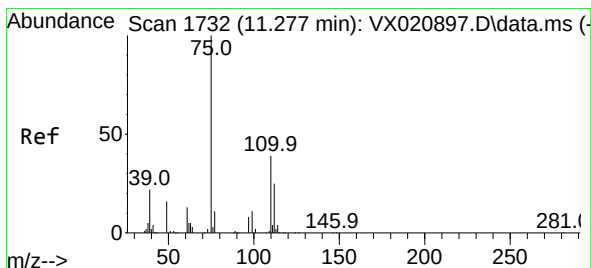
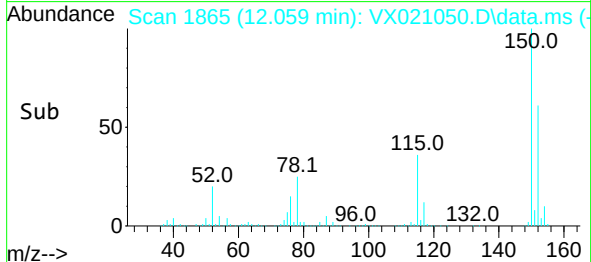
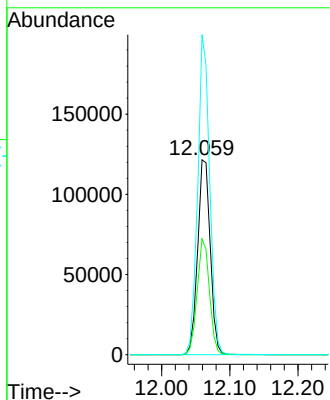
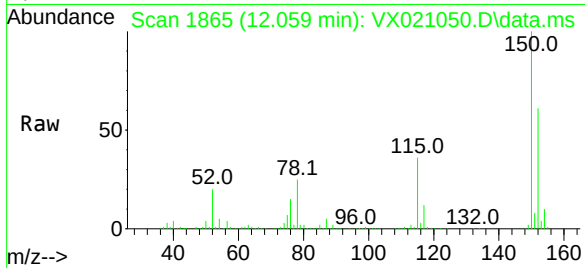




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.006 min
 Lab File: VX021050.D
 Acq: 08 Mar 2021 11:28

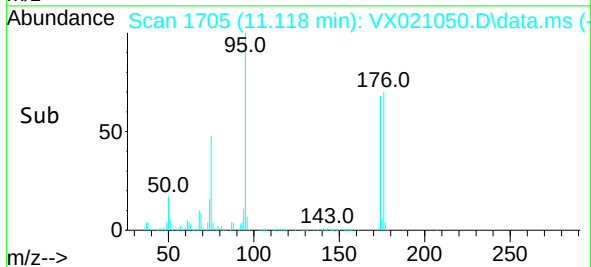
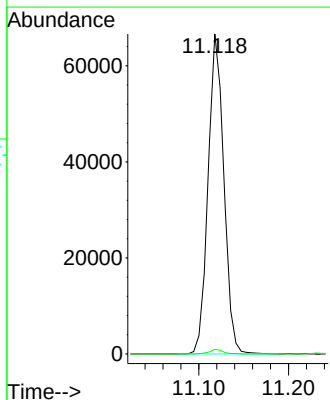
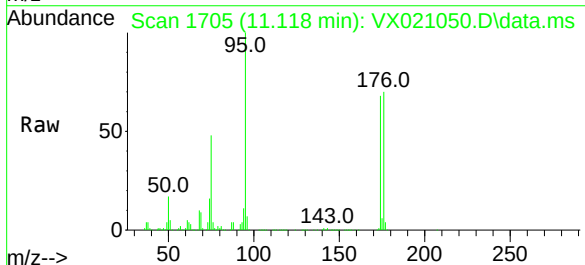
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBL01

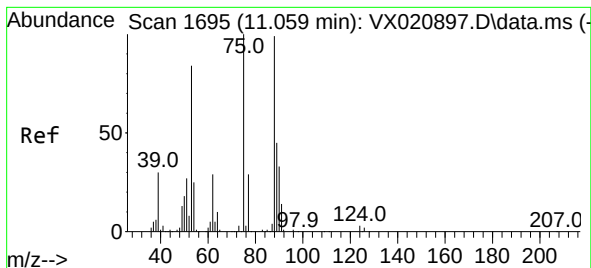
Tgt Ion:152 Resp: 155966
 Ion Ratio Lower Upper
 152 100
 115 57.7 41.1 123.3
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.23 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021050.D
 Acq: 08 Mar 2021 11:28

Tgt Ion: 75 Resp: 81295
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

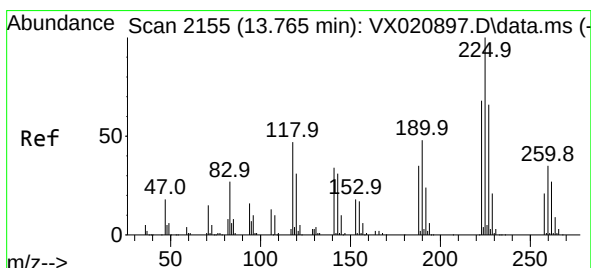
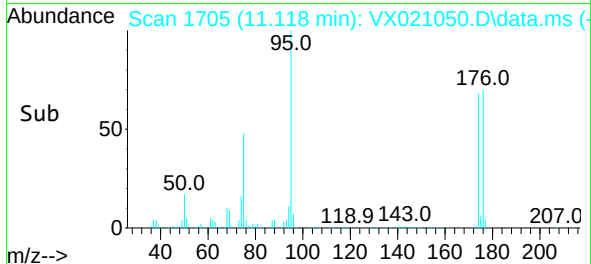
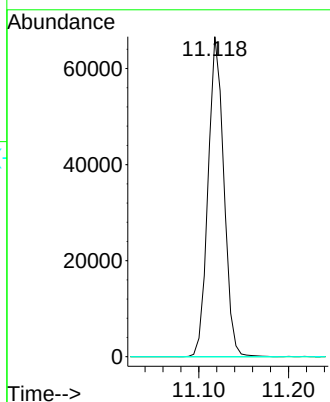
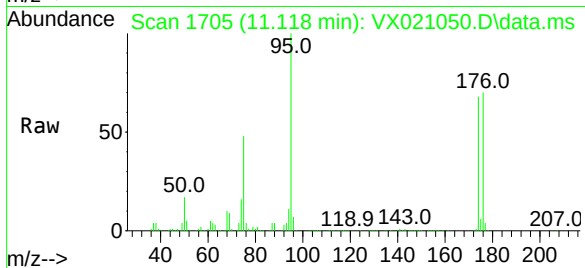




#81
trans-1,4-Dichloro-2-butene
Concen: 53.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

Tgt Ion: 75 Resp: 81295
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.33 ug/l
RT: 13.759 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VX021050.D
Acq: 08 Mar 2021 11:28

Tgt Ion: 225 Resp: 422
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 57.6 31.6 95.0

