

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021024.D
 Acq On : 05 Mar 2021 11:21
 Operator : JC/MD
 Sample : VX0307WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBL01

Quant Time: Mar 05 23:55:26 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)

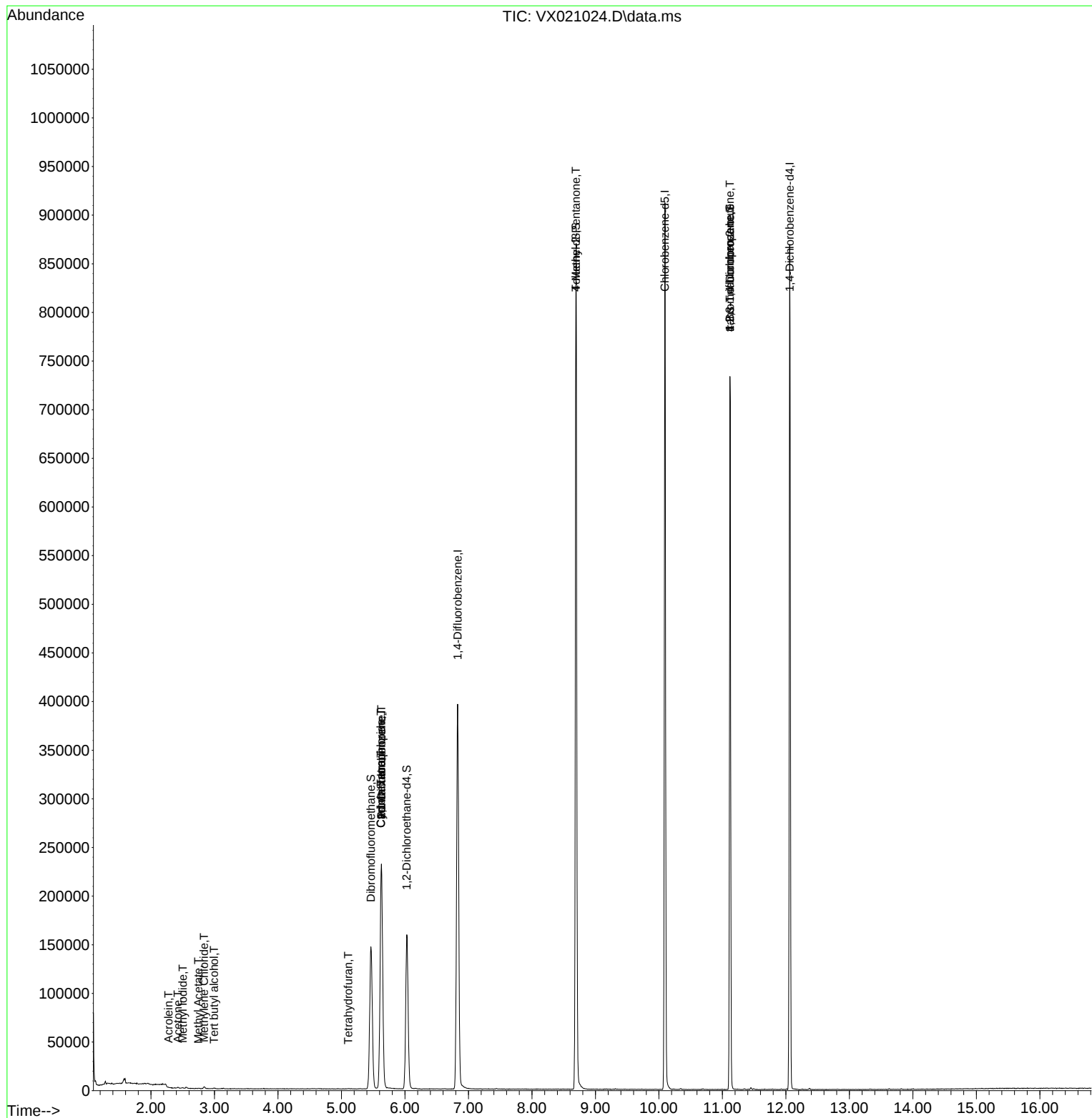
Internal Standards						
1) Pentafluorobenzene	5.629	168	230098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	420427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	409833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	186426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	151080	48.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.22%		
35) Dibromofluoromethane	5.464	113	130352	51.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.06%		
50) Toluene-d8	8.694	98	523529	52.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.12%		
62) 4-Bromofluorobenzene	11.118	95	203781	55.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.66%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	641	Below Cal		84
10) Methyl Iodide	2.499	142	717	0.22 ug/l #		93
11) Tert butyl alcohol	2.993	59	294	0.42 ug/l #		73
13) Acrolein	2.275	56	139	0.32 ug/l #		70
16) Acetone	2.423	43	1020	0.80 ug/l #		86
18) Methyl Acetate	2.746	43	644	0.21 ug/l #		63
20) Methylene Chloride	2.834	84	863	0.28 ug/l		96
29) Tetrahydrofuran	5.105	42	297	0.24 ug/l #		32
31) Cyclohexane	5.623	56	4494	1.00 ug/l #		1
36) 1,1-Dichloropropene	5.629	75	17607	4.41 ug/l #		48
38) Carbon Tetrachloride	5.623	117	21714	5.61 ug/l #		17
51) 4-Methyl-2-Pentanone	8.694	43	2253	0.60 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	97842	24.40 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	97842	54.01 ug/l #		12

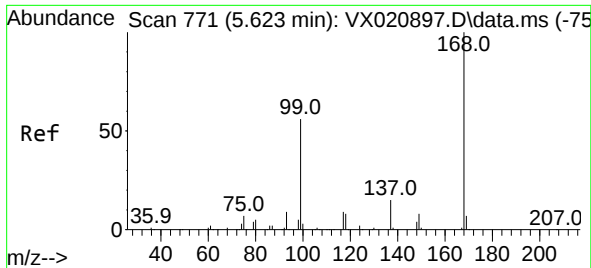
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
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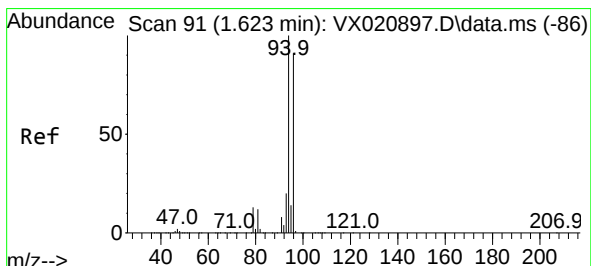
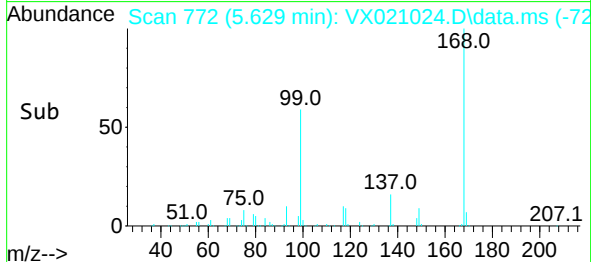
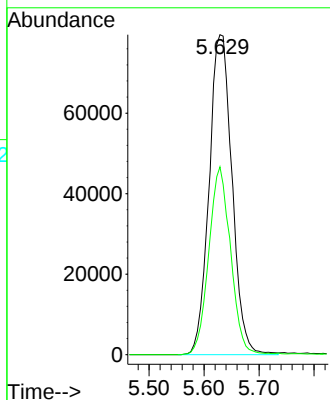
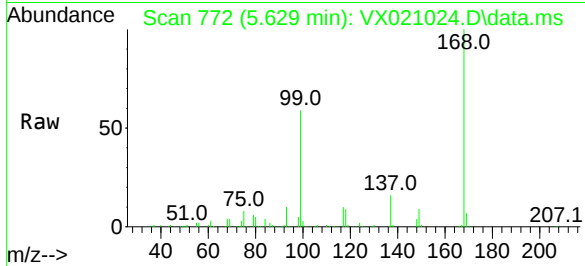




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

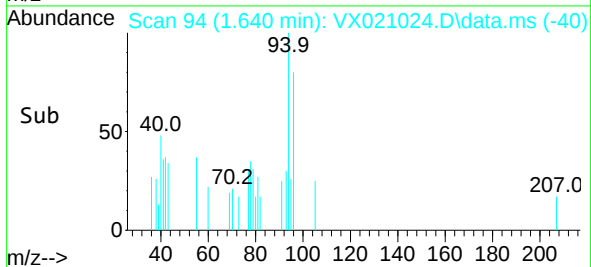
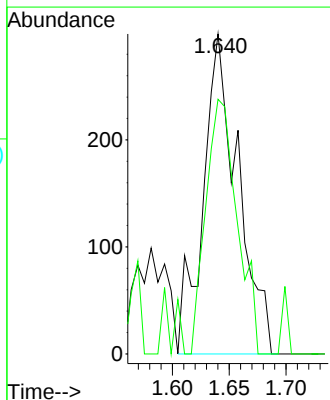
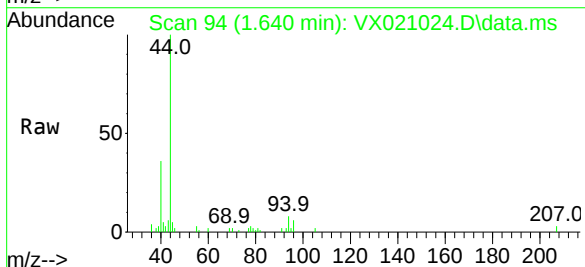
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

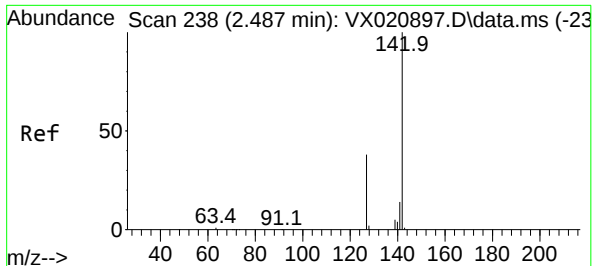
Tgt Ion:168 Resp: 230098
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 94 Resp: 641
Ion Ratio Lower Upper
94 100
96 79.6 76.4 114.6

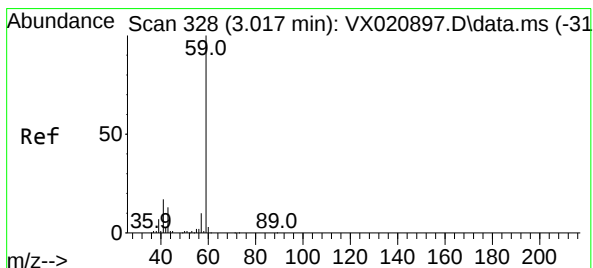
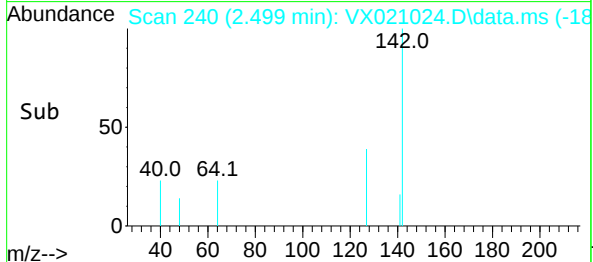
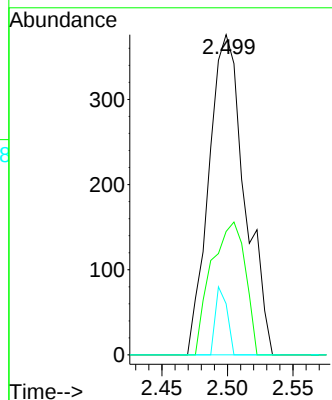
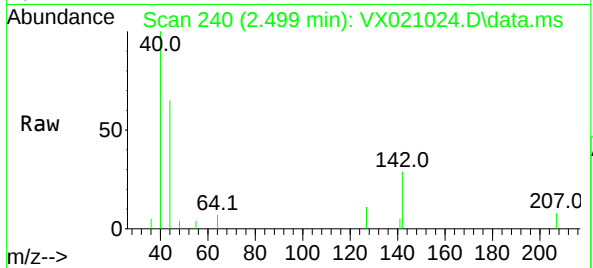




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

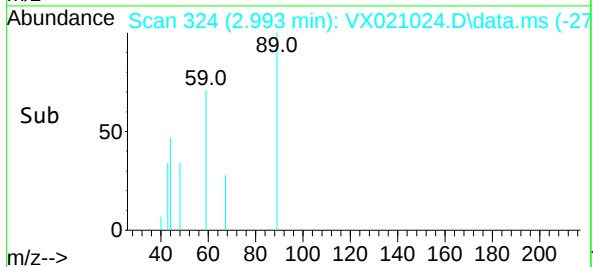
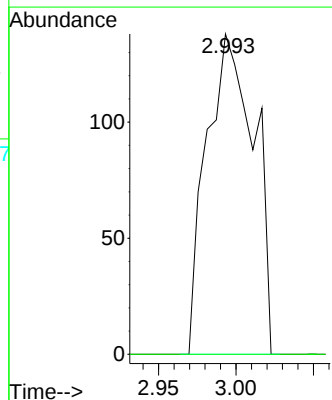
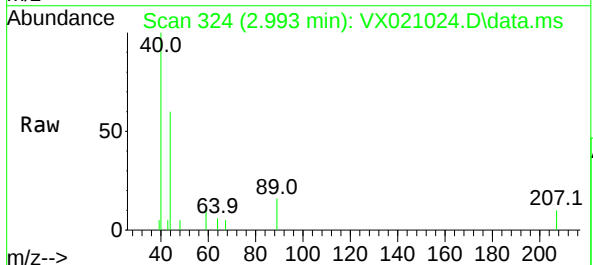
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

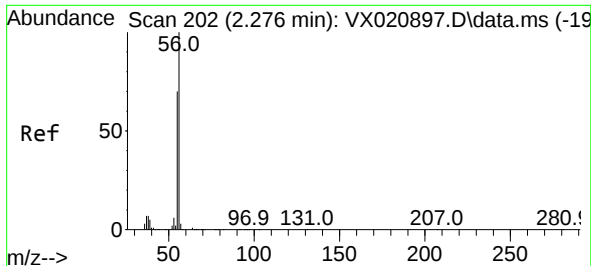
Tgt Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
127 39.2 33.3 49.9
141 6.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

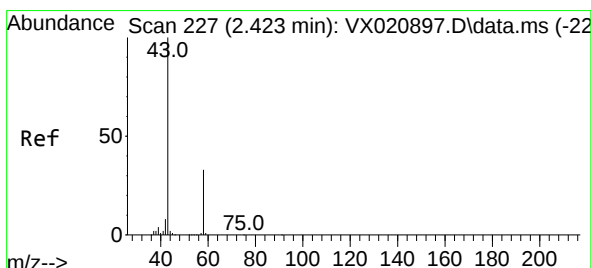
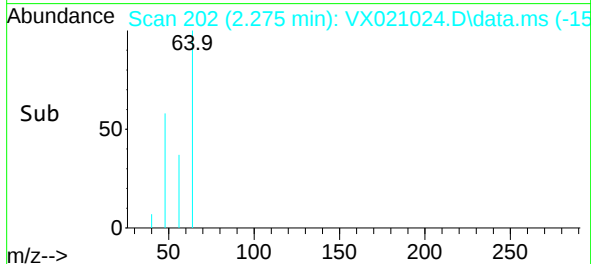
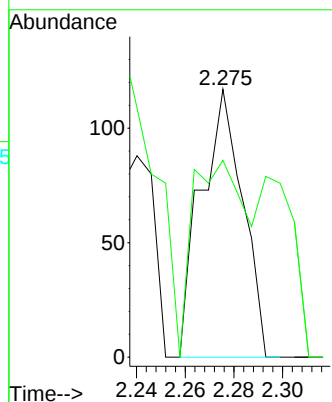
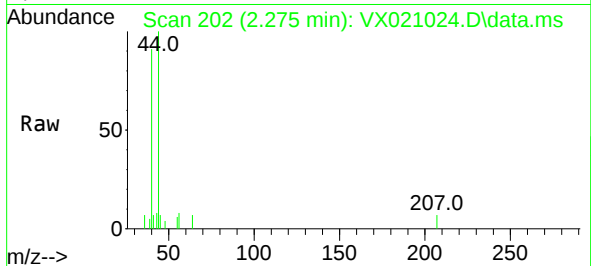




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

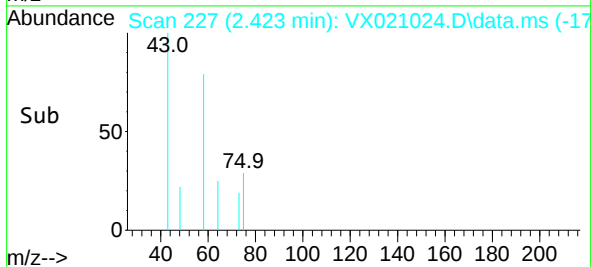
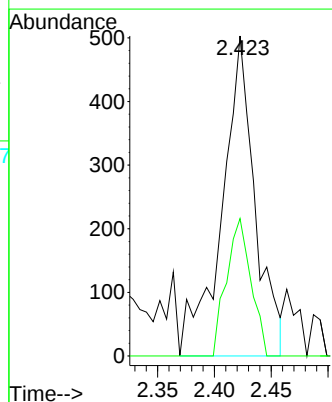
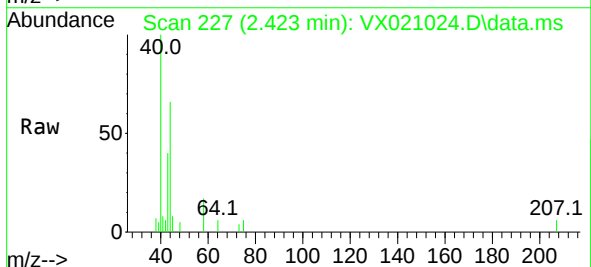
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

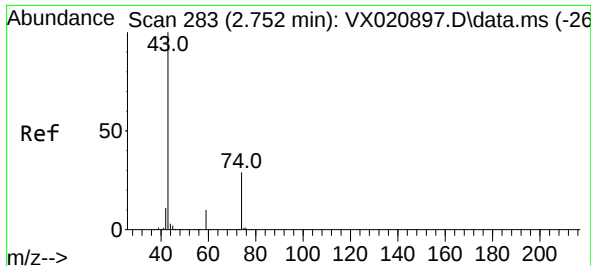
Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 95.0 56.4 84.6#



#16
Acetone
Concen: 0.80 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
58 42.9 27.8 41.8#

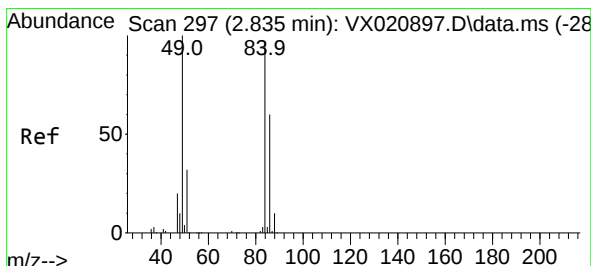
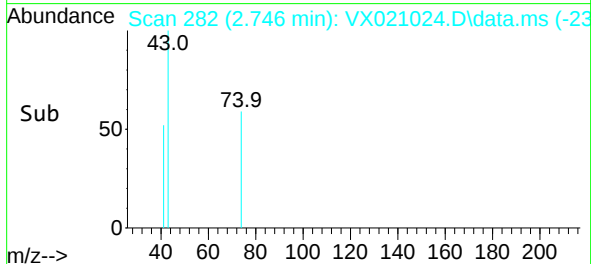
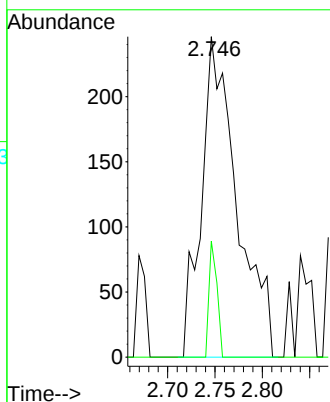
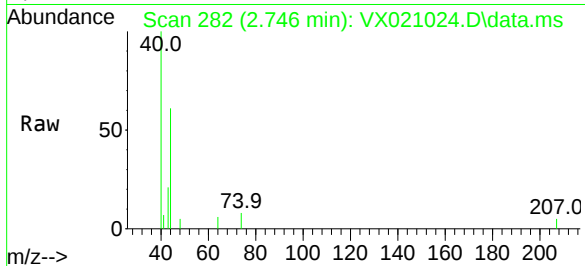




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

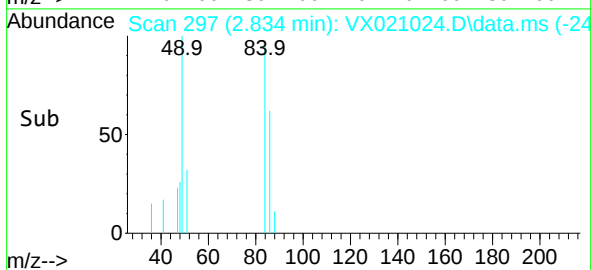
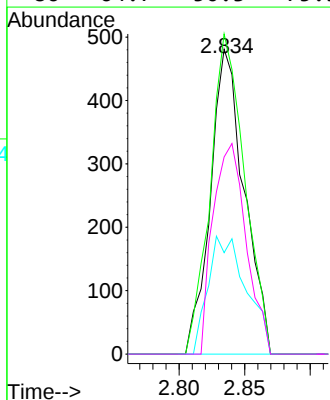
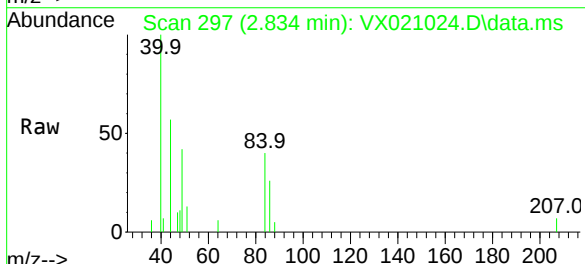
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

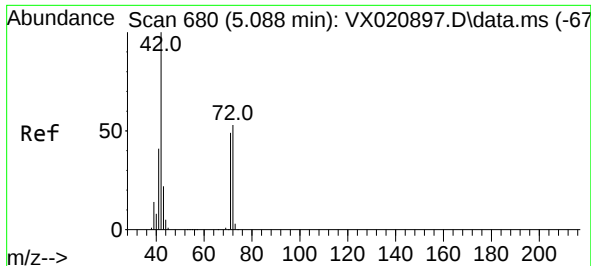
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
74 8.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 84 Resp: 863
Ion Ratio Lower Upper
84 100
49 105.0 88.6 132.8
51 33.3 27.0 40.6
86 64.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.105 min Scan# 683

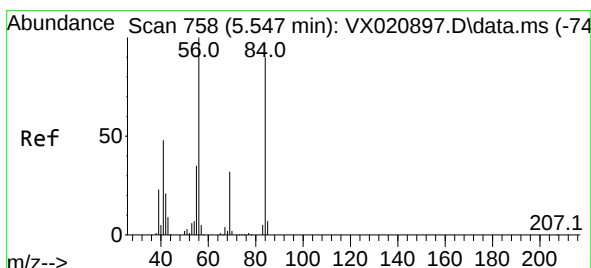
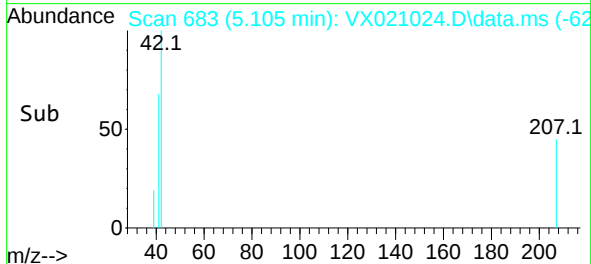
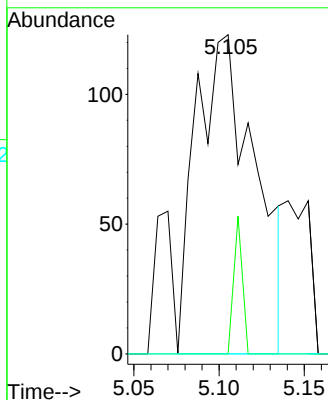
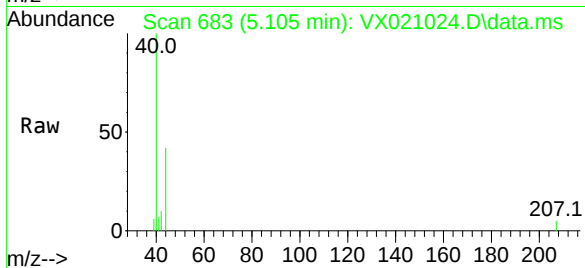
Delta R.T. 0.017 min

Lab File: VX021024.D

Acq: 05 Mar 2021 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

Tgt Ion:	42	Resp:	297
Ion	Ratio	Lower	Upper
42	100		
72	6.4	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.00 ug/l

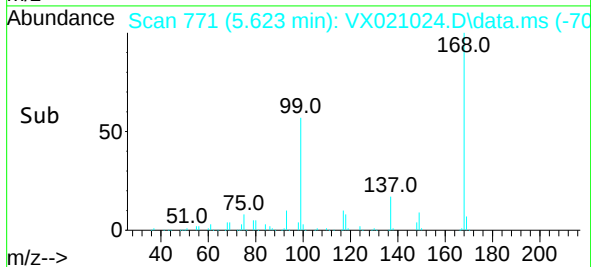
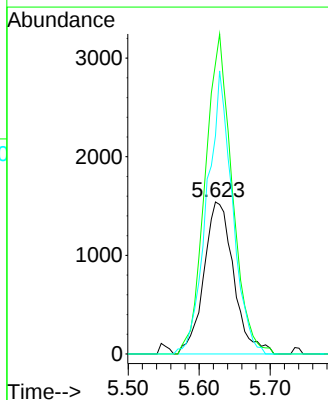
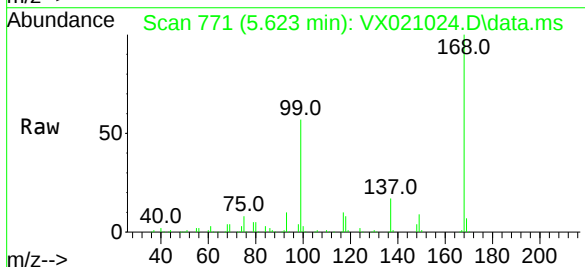
RT: 5.623 min Scan# 771

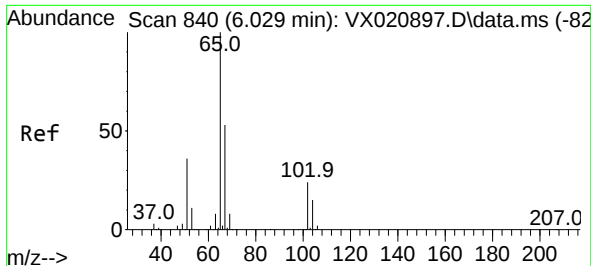
Delta R.T. 0.076 min

Lab File: VX021024.D

Acq: 05 Mar 2021 11:21

Tgt Ion:	56	Resp:	4494
Ion	Ratio	Lower	Upper
56	100		
69	191.0	25.3	37.9#
84	143.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.61 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021024.D

Acq: 05 Mar 2021 11:21

Tgt Ion: 65 Resp: 151080

Ion Ratio Lower Upper

65 100

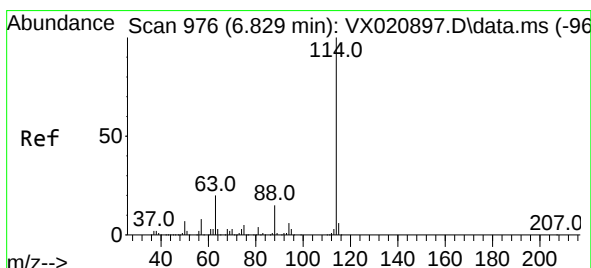
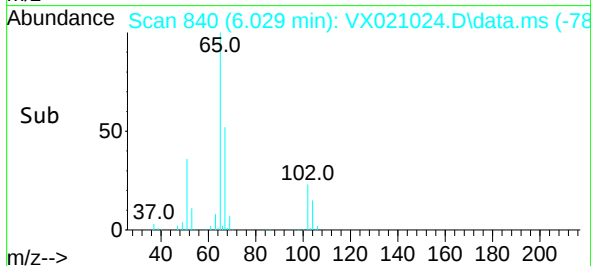
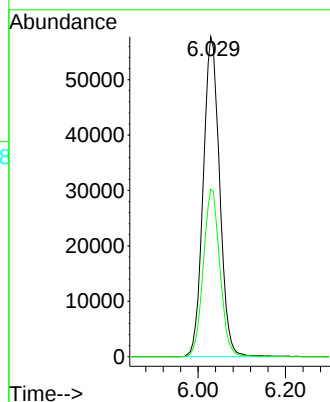
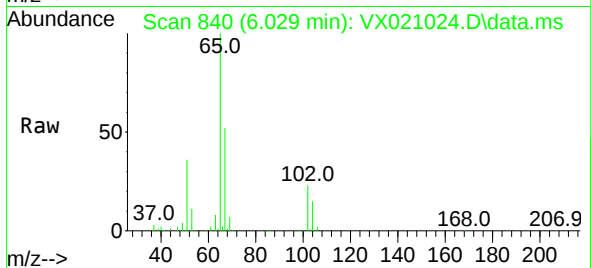
67 52.8 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021024.D

Acq: 05 Mar 2021 11:21

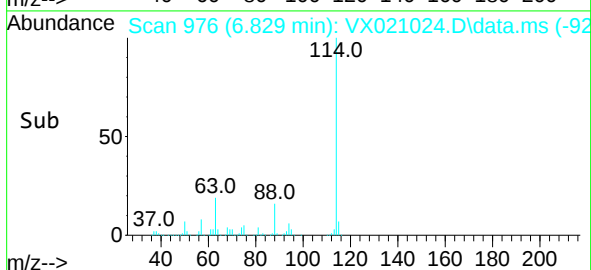
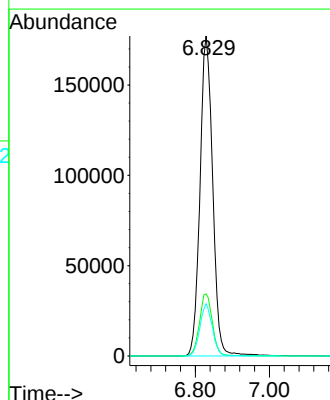
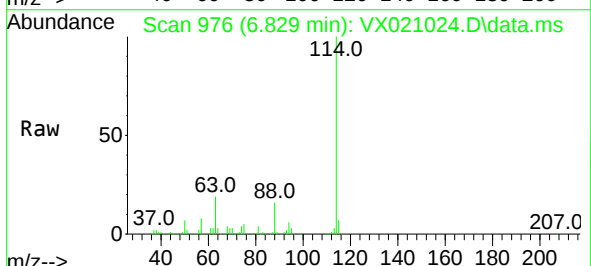
Tgt Ion: 114 Resp: 420427

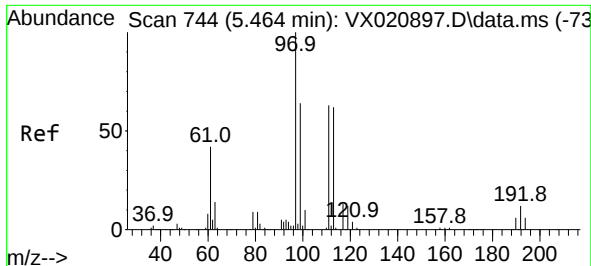
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 16.3 0.0 32.8

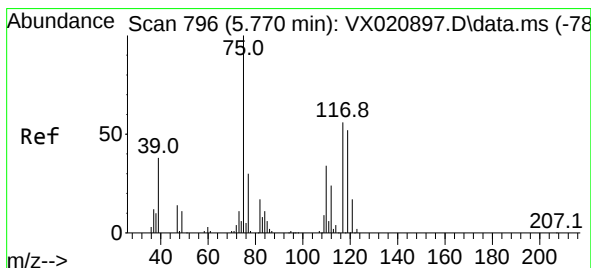
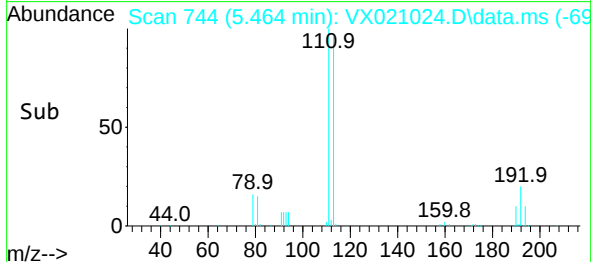
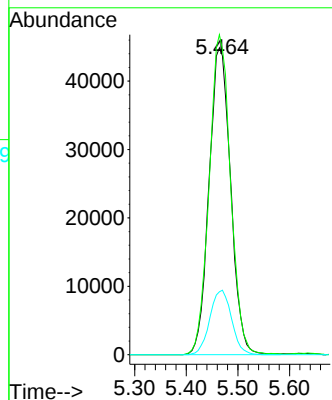
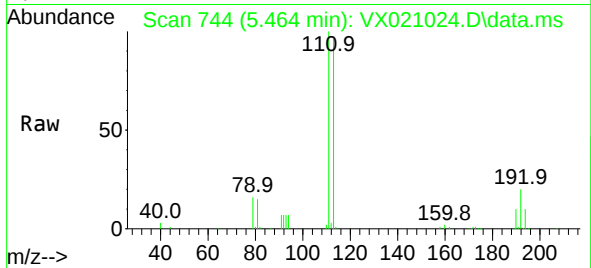




#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

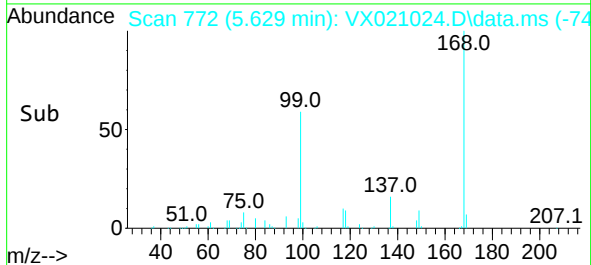
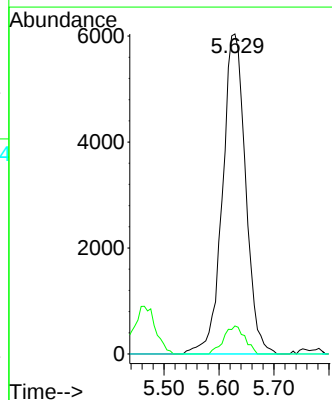
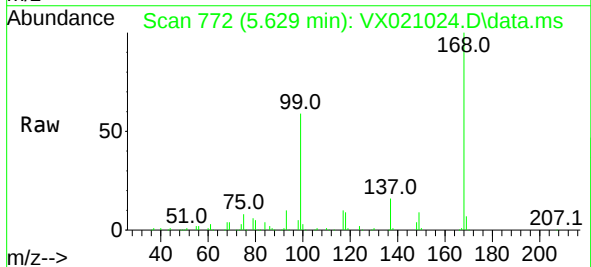
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

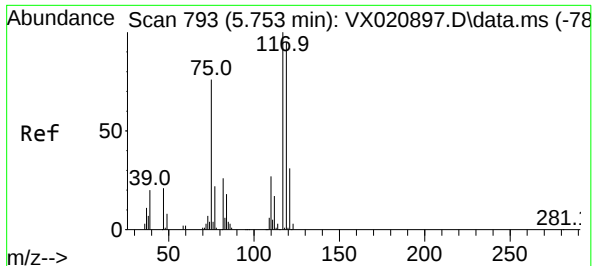
Tgt Ion:113 Resp: 130352
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 75 Resp: 17607
Ion Ratio Lower Upper
75 100
110 8.0 18.1 54.4#
77 0.0 25.3 37.9#

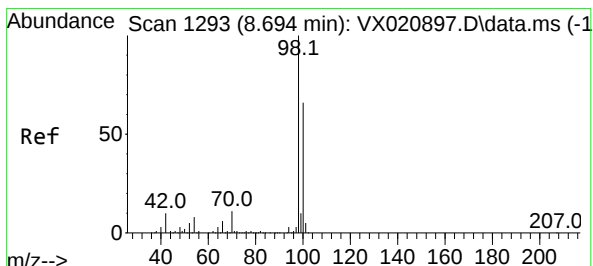
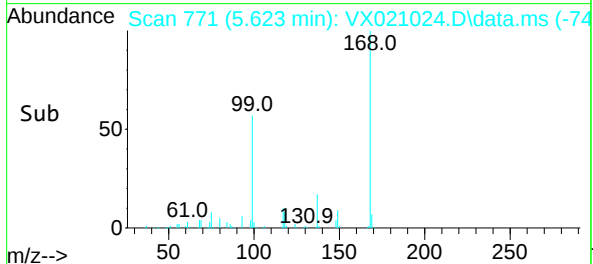
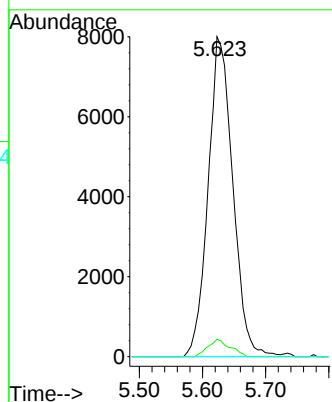
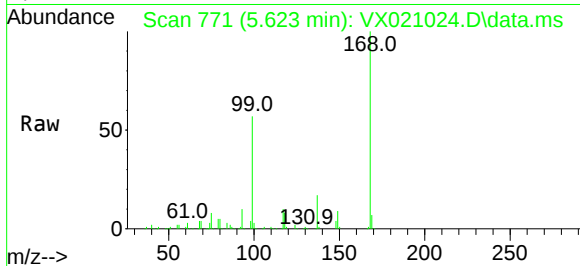




#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

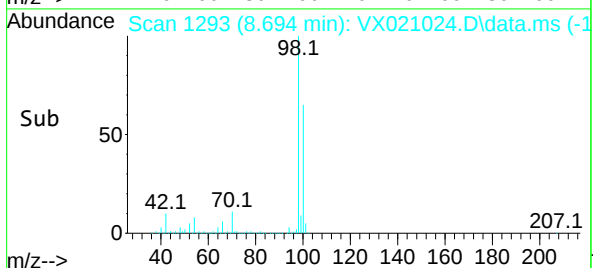
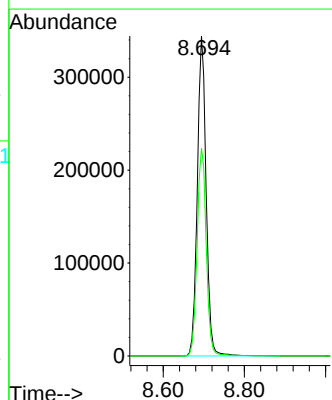
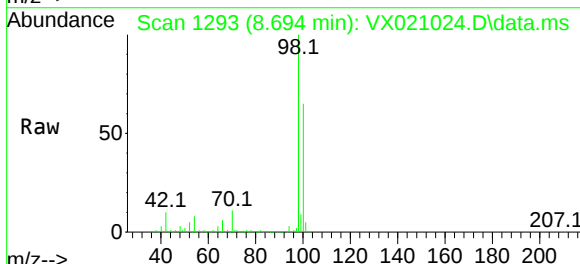
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

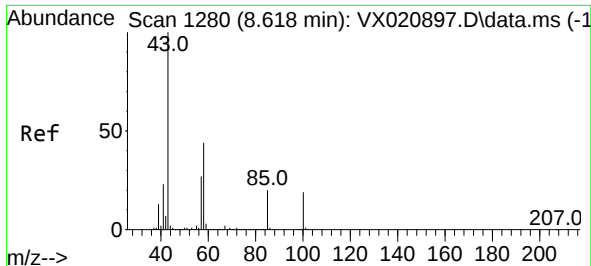
Tgt Ion: 117 Resp: 21714
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.56 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 98 Resp: 523529
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9

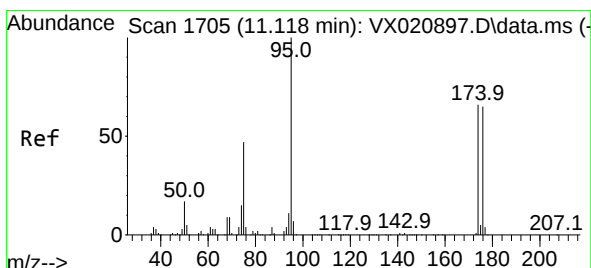
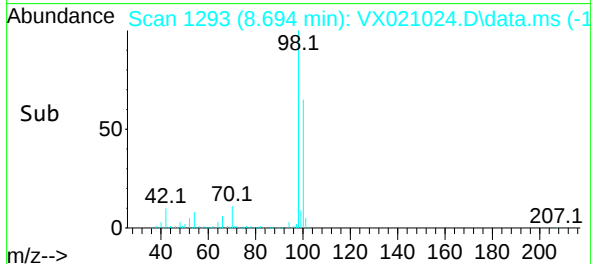
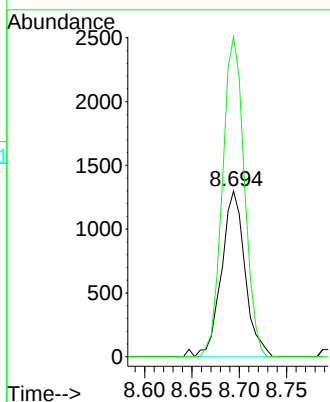
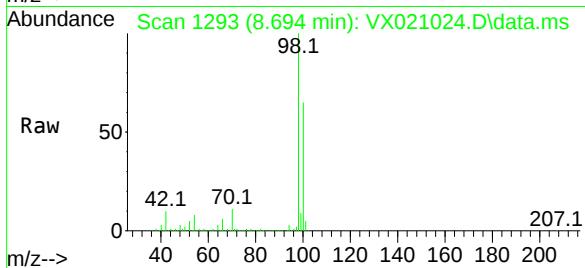




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

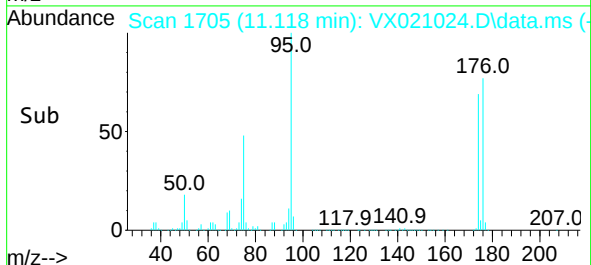
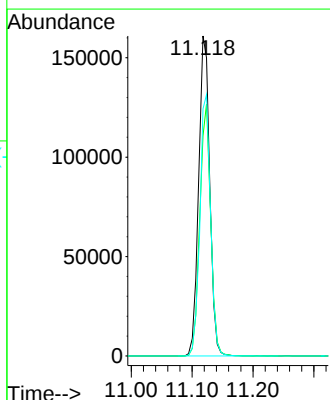
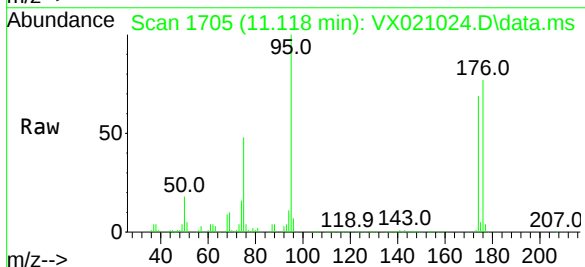
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

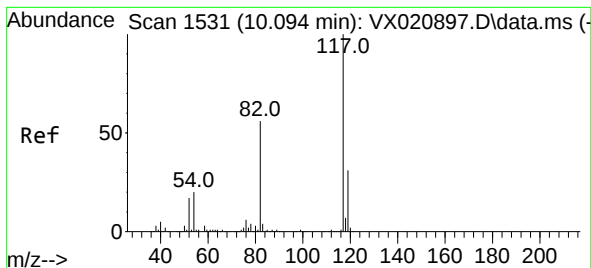
Tgt Ion: 43 Resp: 2253
Ion Ratio Lower Upper
43 100
58 179.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 55.33 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 95 Resp: 203781
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 79.0 0.0 155.8

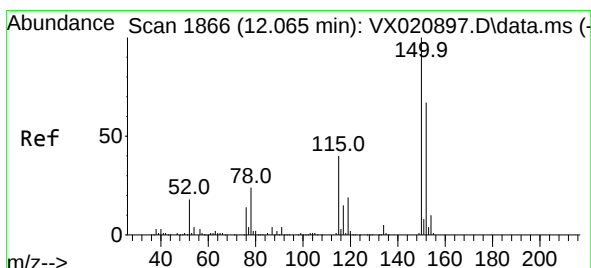
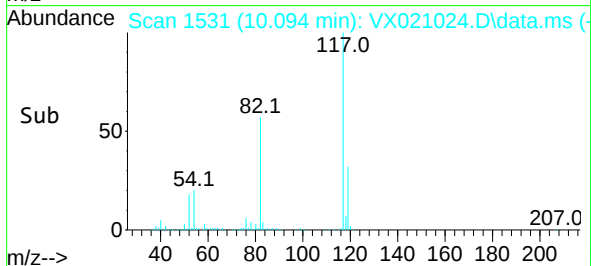
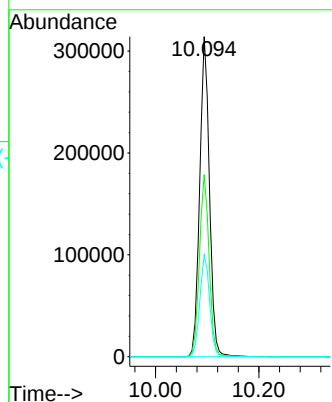
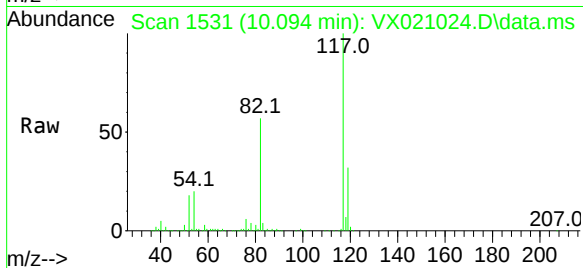




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

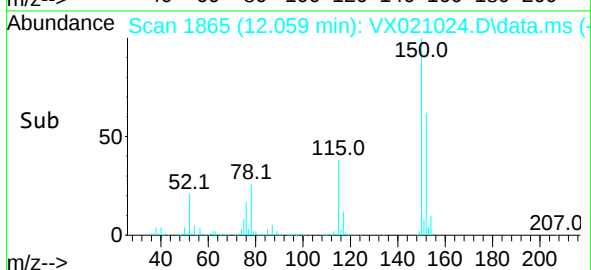
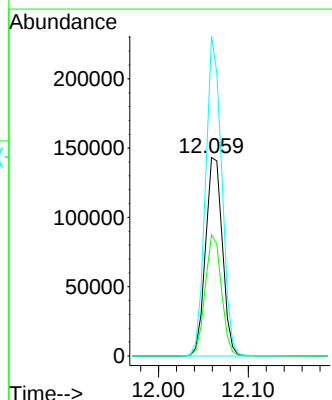
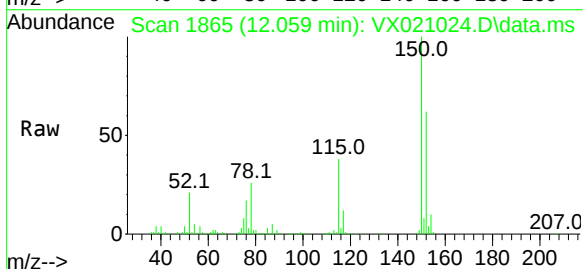
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

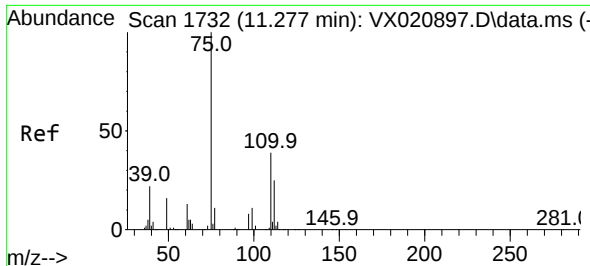
Tgt Ion:117 Resp: 409833
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion:152 Resp: 186426
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 155.0 0.0 349.0

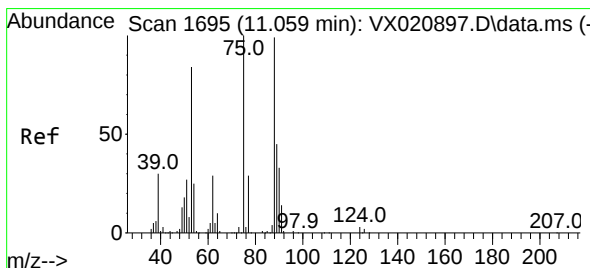
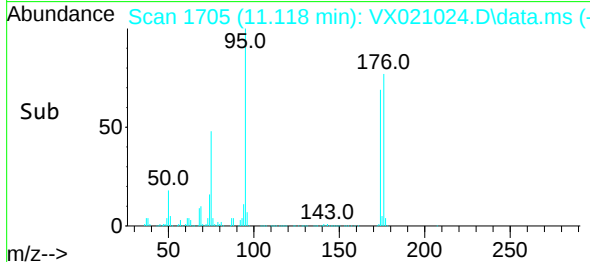
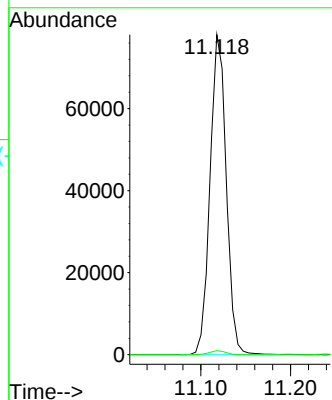
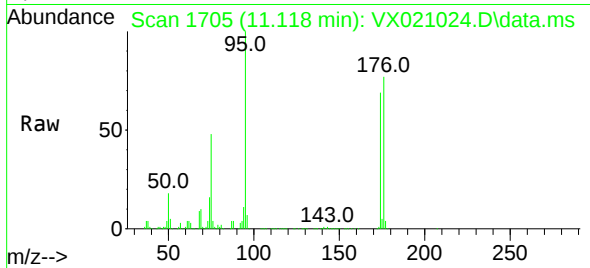




#76
1,2,3-Trichloropropane
Concen: 24.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBL01

Tgt Ion: 75 Resp: 97842
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021024.D
Acq: 05 Mar 2021 11:21

Tgt Ion: 75 Resp: 97842
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

