

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021322.D
 Acq On : 20 Mar 2021 02:38
 Operator : JC/MD
 Sample : VX0321WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL02

Quant Time: Mar 20 06:39:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

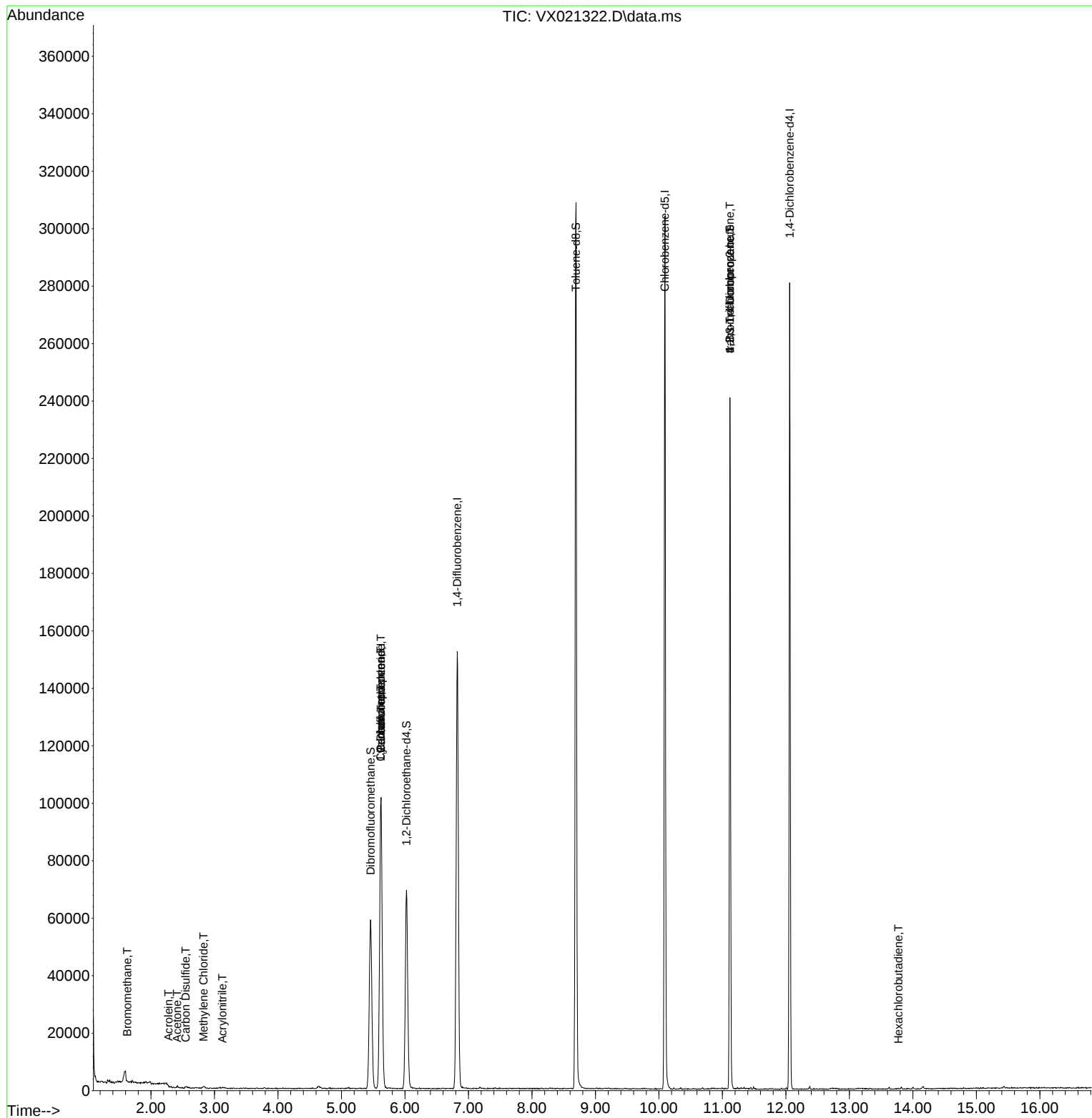
Internal Standards						
1) Pentafluorobenzene	5.623	168	86188	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	142547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	67464	47.72	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.44%		
35) Dibromofluoromethane	5.458	113	48573	50.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.16%		
50) Toluene-d8	8.694	98	174361	49.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.08%		
62) 4-Bromofluorobenzene	11.118	95	60279	44.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.20%		
Target Compounds						
3) Chloromethane	1.317	50	1561	Below Cal	#	86
5) Bromomethane	1.628	94	101	0.22 ug/l	#	68
13) Acrolein	2.276	56	164	4.27 ug/l		91
15) Acrylonitrile	3.123	53	260	0.47 ug/l	#	83
16) Acetone	2.411	43	520	1.00 ug/l	#	40
17) Carbon Disulfide	2.546	76	685	0.80 ug/l	#	94
20) Methylene Chloride	2.829	84	307	0.29 ug/l		91
31) Cyclohexane	5.617	56	2503	1.46 ug/l	#	42
36) 1,1-Dichloropropene	5.617	75	7776	5.41 ug/l	#	49
38) Carbon Tetrachloride	5.623	117	9738	6.53 ug/l	#	16
76) 1,2,3-Trichloropropane	11.118	75	34872	30.25 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.118	75	34872	82.14 ug/l	#	12
94) Hexachlorobutadiene	13.771	225	96	0.22 ug/l	#	69

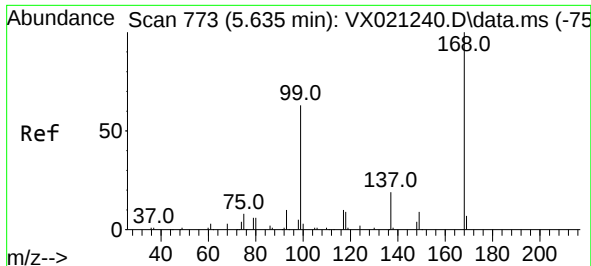
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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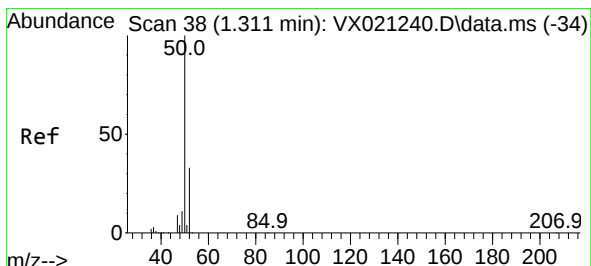
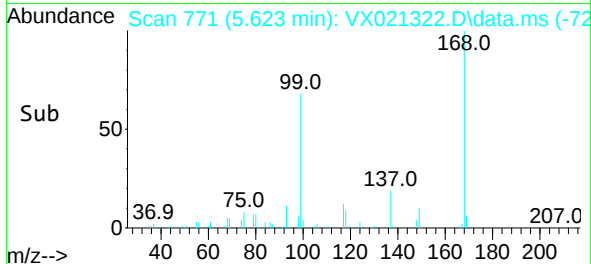
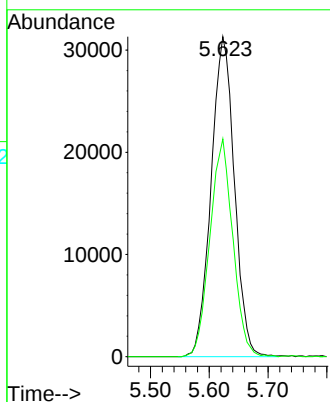
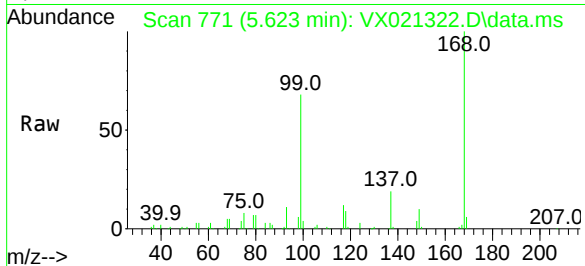




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

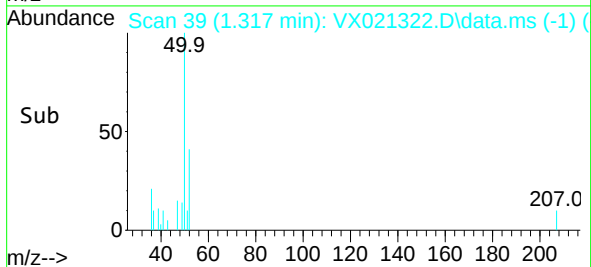
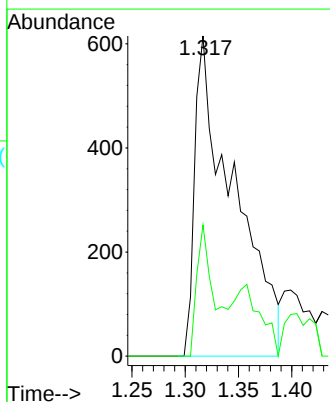
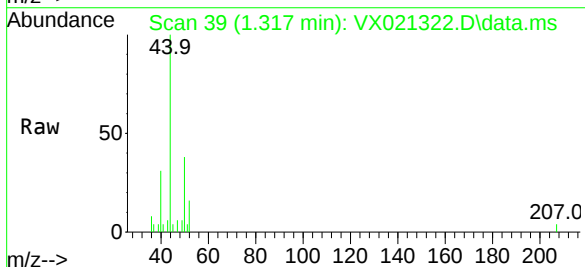
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

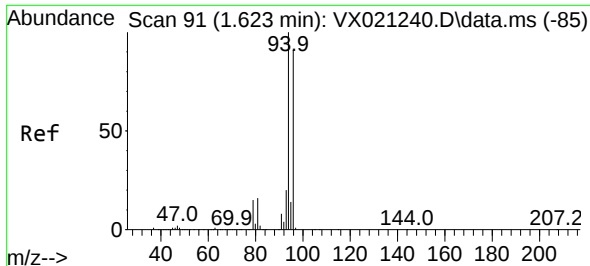
Tgt Ion:168 Resp: 86188
Ion Ratio Lower Upper
168 100
99 68.1 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Tgt Ion: 50 Resp: 1561
Ion Ratio Lower Upper
50 100
52 41.0 26.4 39.6#

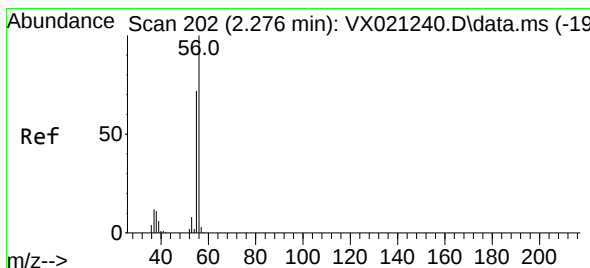
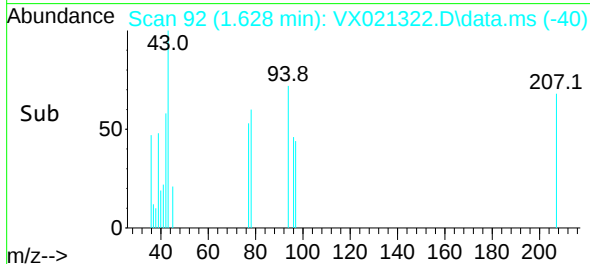
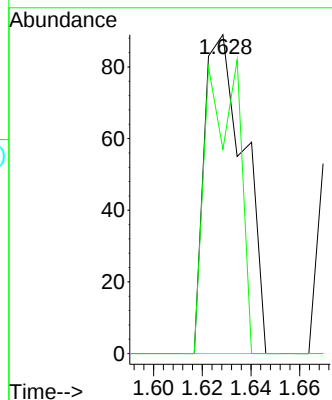
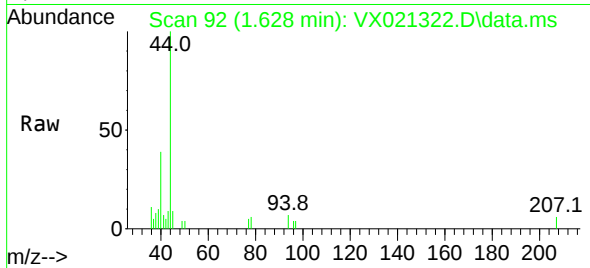




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

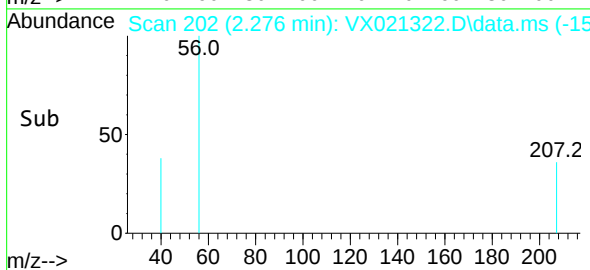
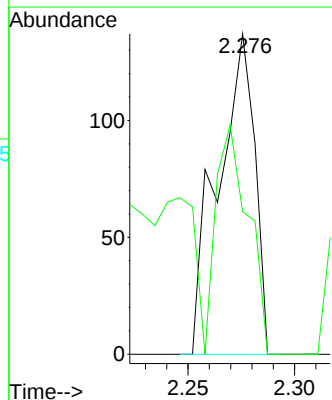
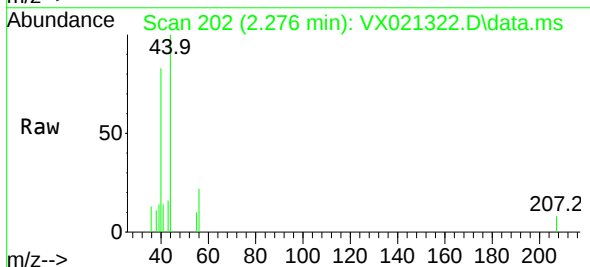
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

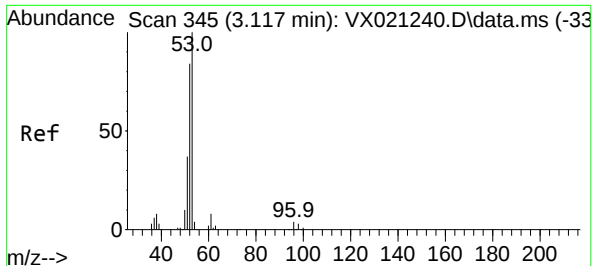
Tgt Ion: 94 Resp: 101
Ion Ratio Lower Upper
94 100
96 64.0 76.4 114.6#



#13
Acrolein
Concen: 4.27 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 62.8 56.4 84.6

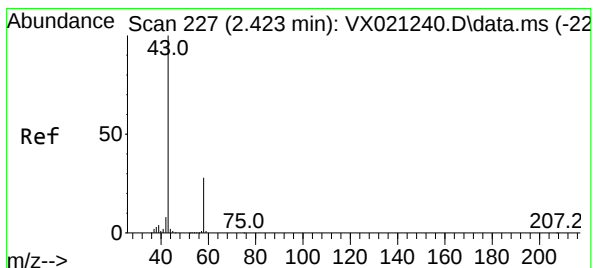
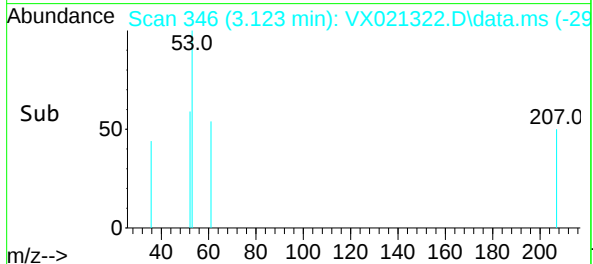
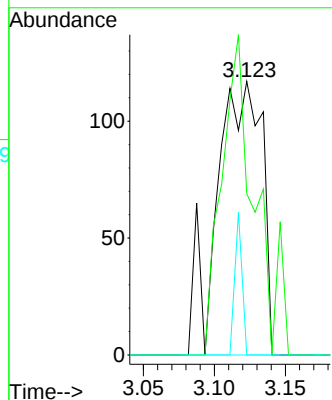
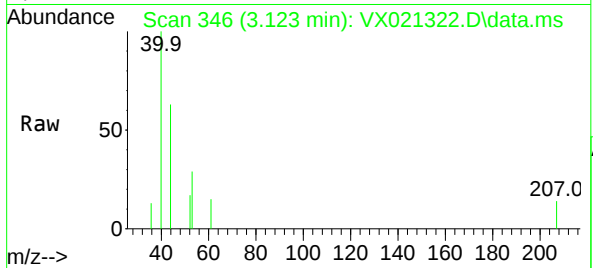




#15
Acrylonitrile
Concen: 0.47 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

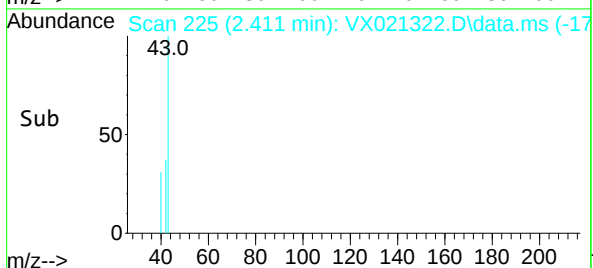
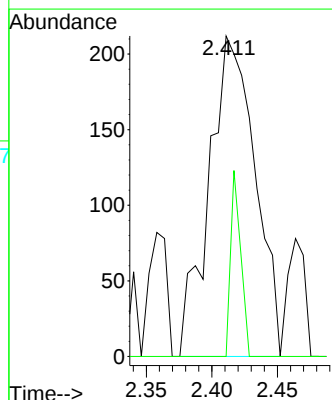
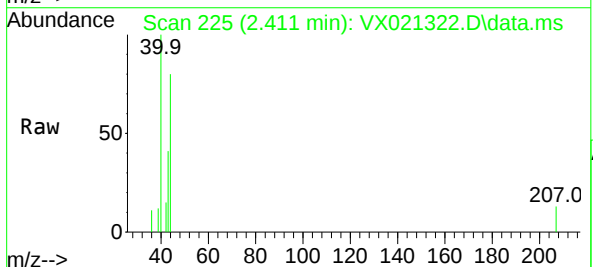
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

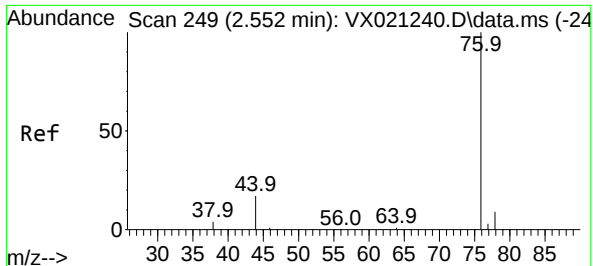
Tgt Ion: 53 Resp: 260
Ion Ratio Lower Upper
53 100
52 85.8 65.3 97.9
51 8.5 28.2 42.2#



#16
Acetone
Concen: 1.00 ug/l
RT: 2.411 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

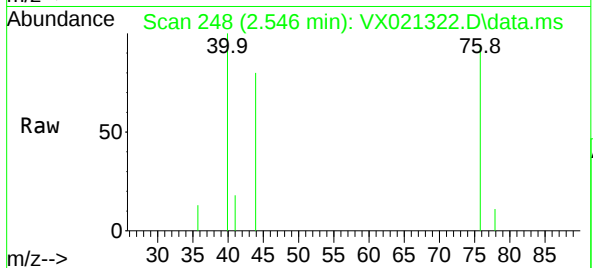
Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



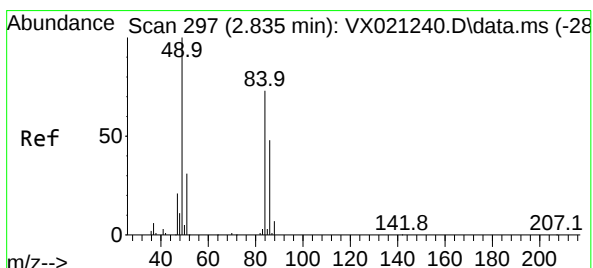
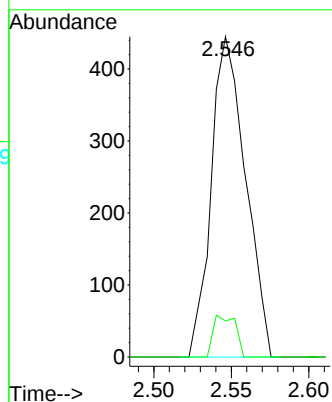
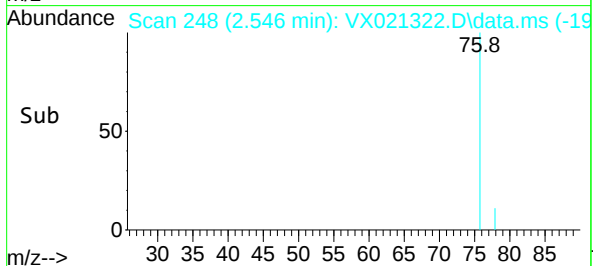


#17
Carbon Disulfide
Concen: 0.80 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

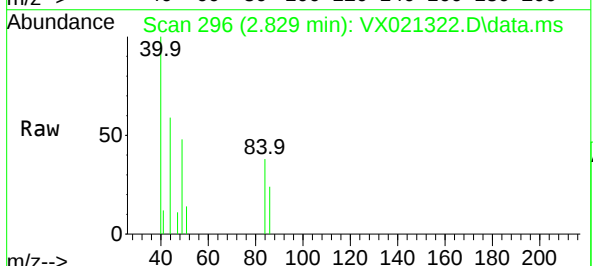
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02



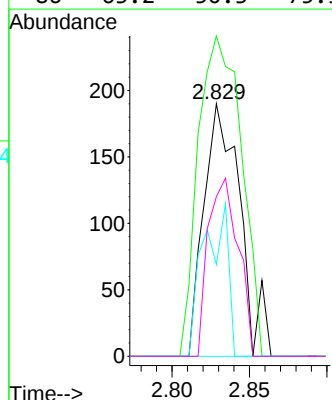
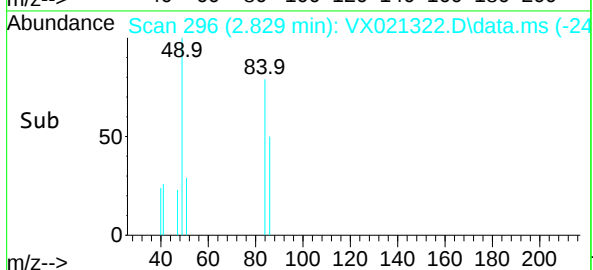
Tgt Ion: 76 Resp: 685
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#

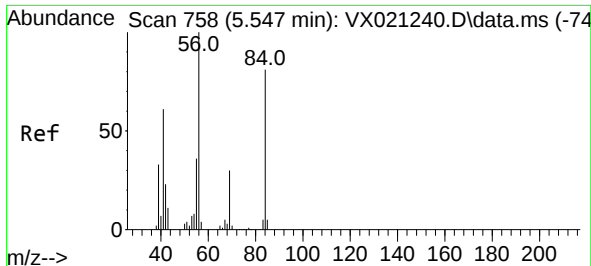


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38



Tgt Ion: 84 Resp: 307
Ion Ratio Lower Upper
84 100
49 126.8 88.6 132.8
51 36.3 27.0 40.6
86 63.2 50.3 75.5

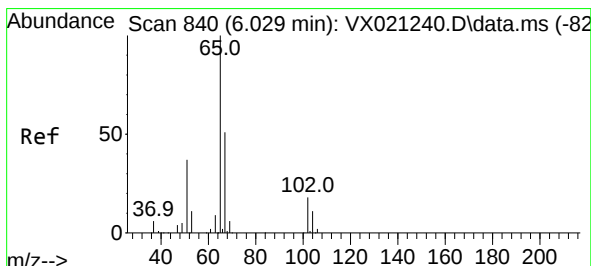
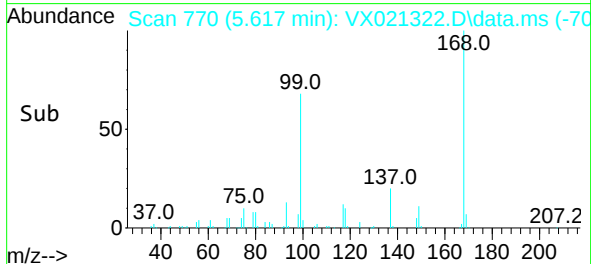
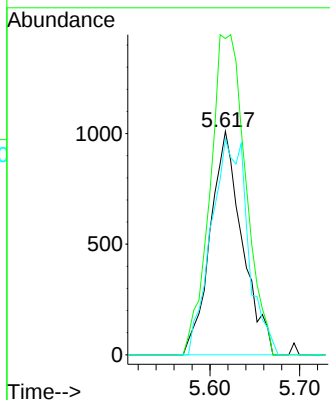
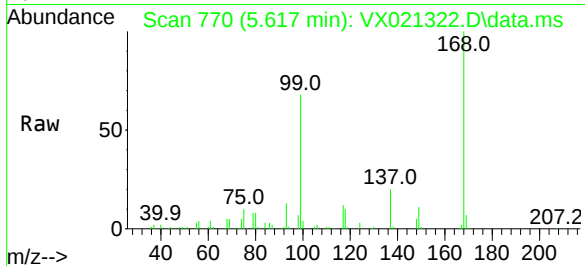




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

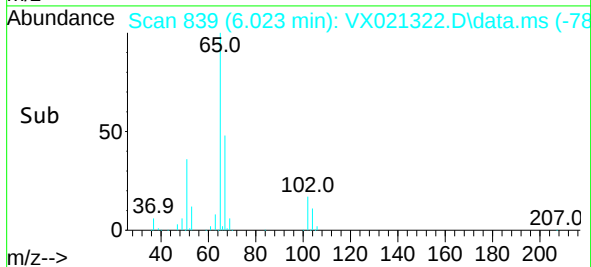
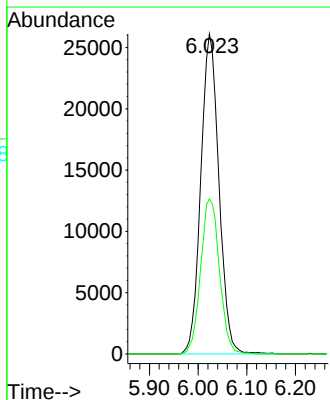
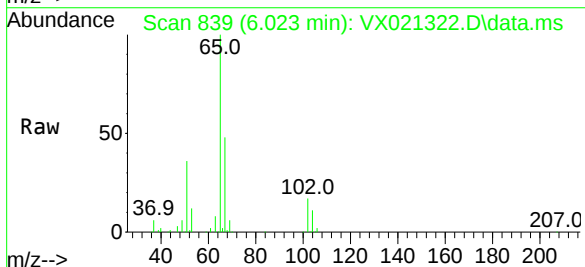
Instrument :
MSVOA_X
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VX0321WBL02

Tgt Ion: 56 Resp: 2503
Ion Ratio Lower Upper
56 100
69 141.6 25.3 37.9#
84 96.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.72 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Tgt Ion: 65 Resp: 67464
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

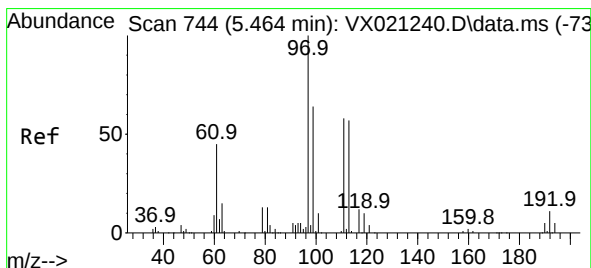
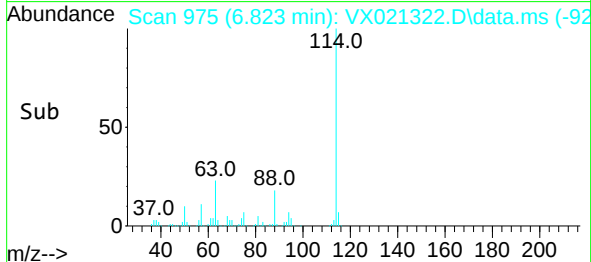
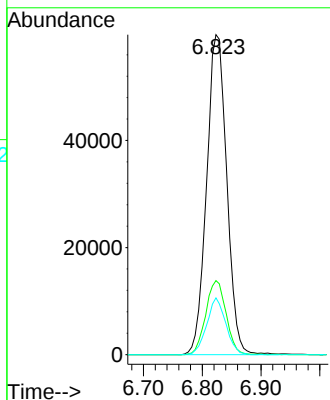
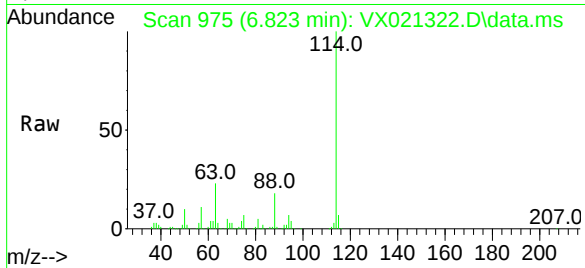




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

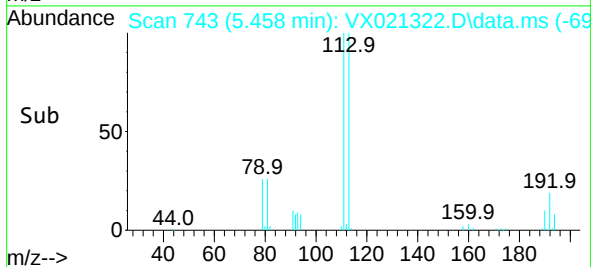
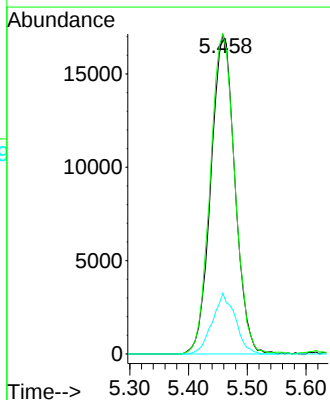
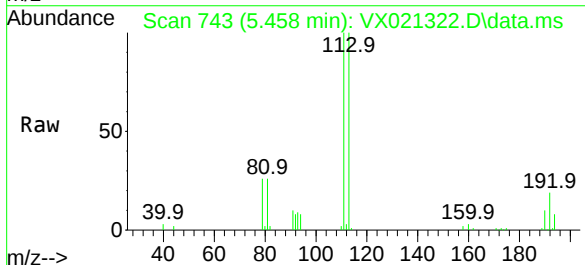
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

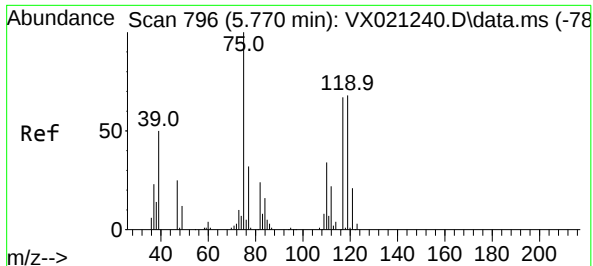
Tgt Ion:114 Resp: 142547
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.08 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Tgt Ion:113 Resp: 48573
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 18.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.41 ug/l

RT: 5.617 min Scan# 770

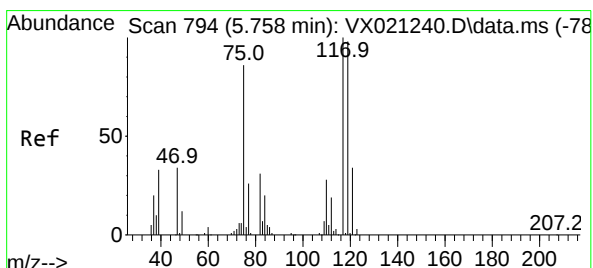
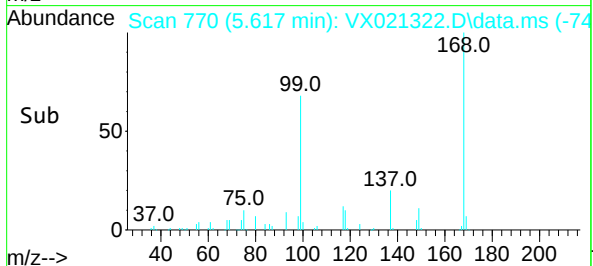
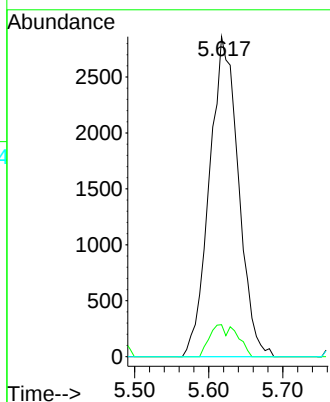
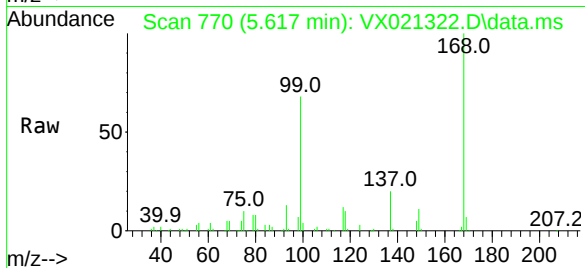
Delta R.T. -0.153 min

Lab File: VX021322.D

Acq: 20 Mar 2021 02:38

Tgt Ion:	75	Resp:	7776
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02



#38

Carbon Tetrachloride

Concen: 6.53 ug/l

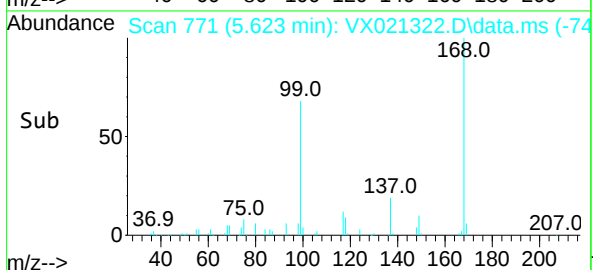
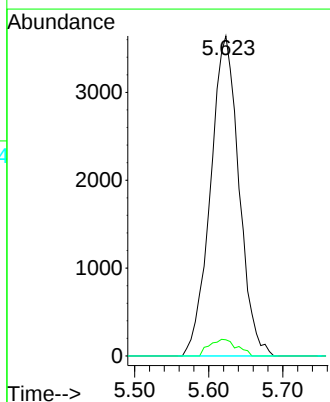
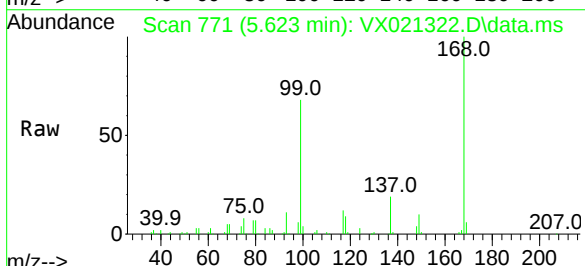
RT: 5.623 min Scan# 771

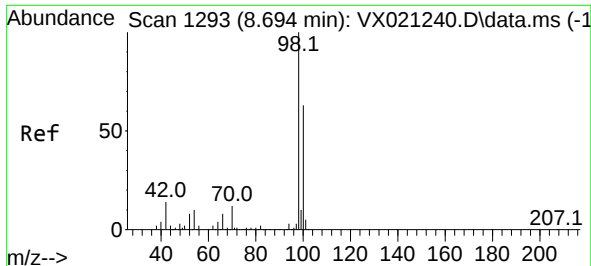
Delta R.T. -0.135 min

Lab File: VX021322.D

Acq: 20 Mar 2021 02:38

Tgt Ion:	117	Resp:	9738
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#

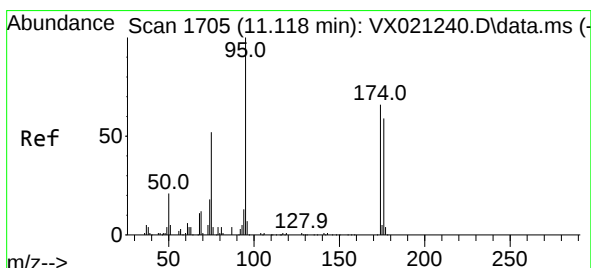
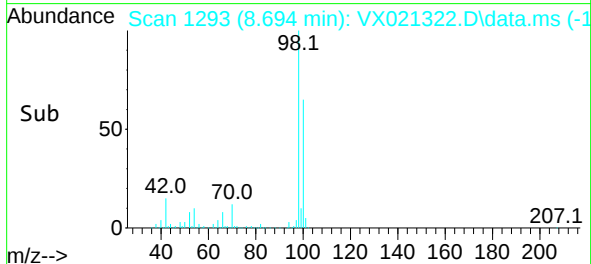
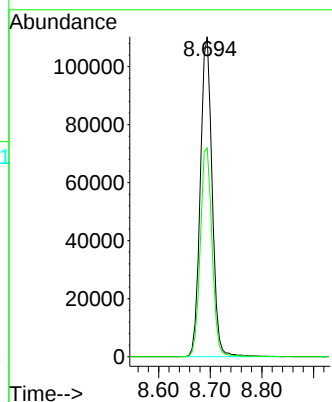
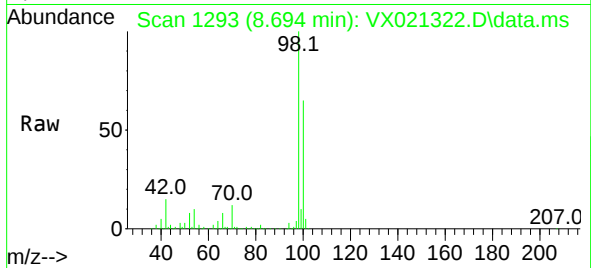




#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

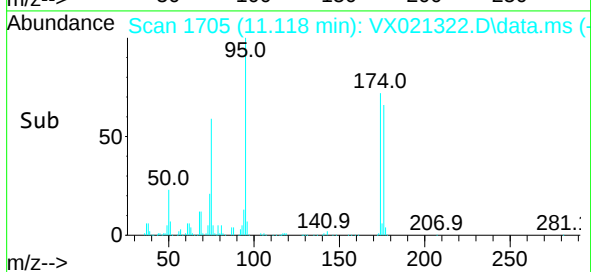
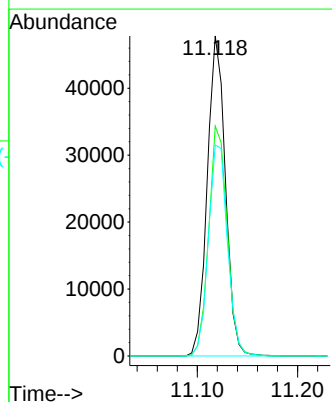
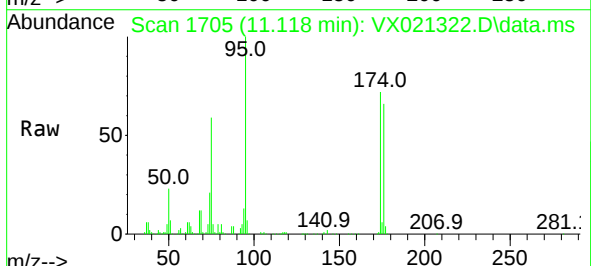
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

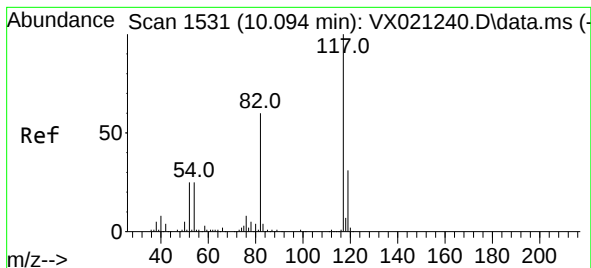
Tgt Ion: 98 Resp: 174361
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Tgt Ion: 95 Resp: 60279
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.6
176 69.4 0.0 155.8

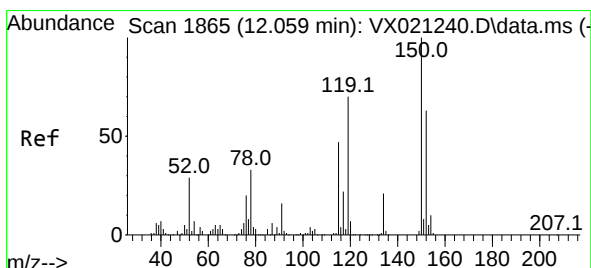
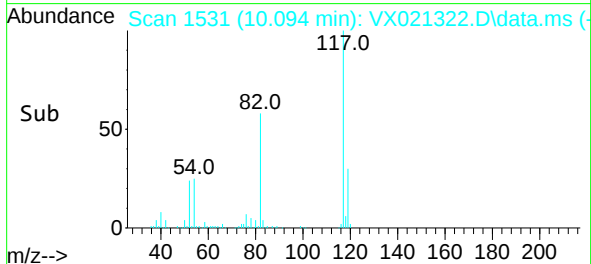
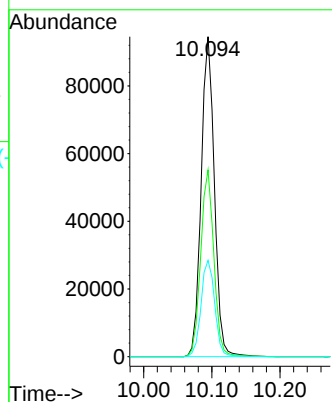
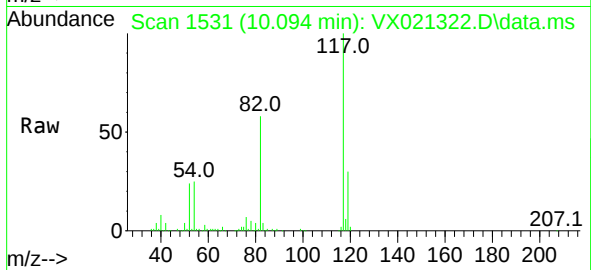




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

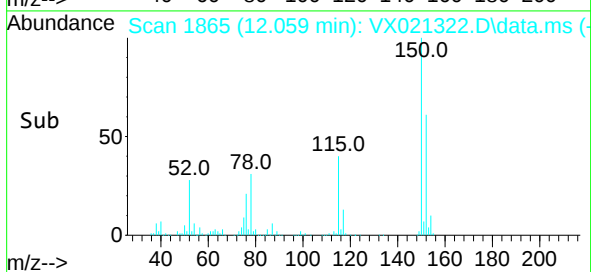
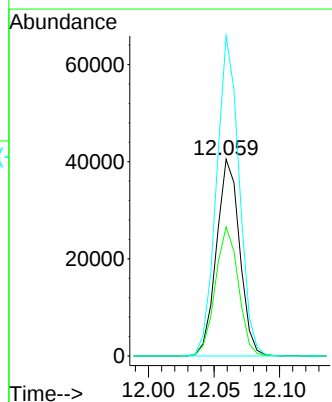
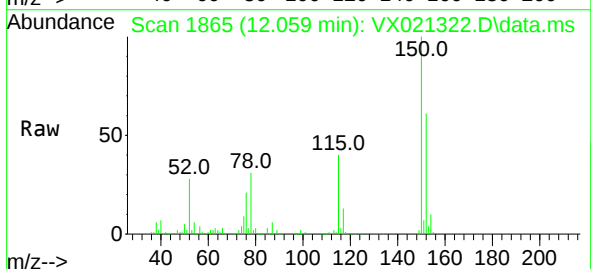
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

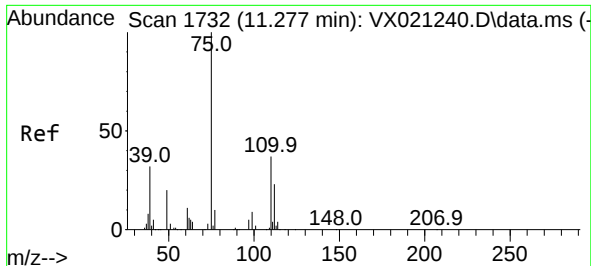
Tgt Ion:117 Resp: 127408
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 30.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Tgt Ion:152 Resp: 49687
Ion Ratio Lower Upper
152 100
115 65.1 41.1 123.3
150 159.0 0.0 349.0

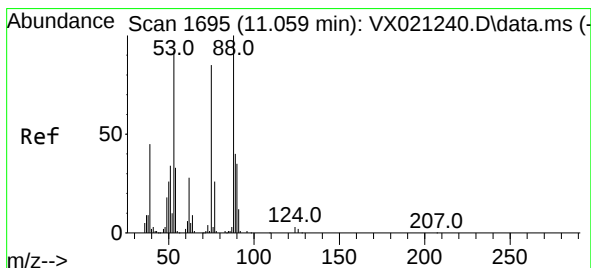
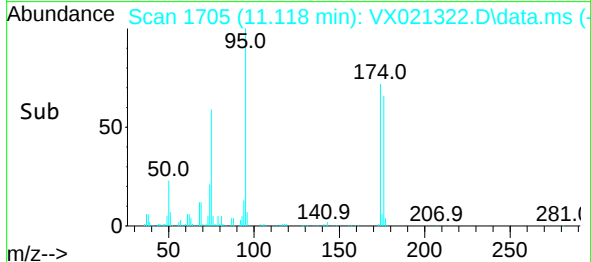
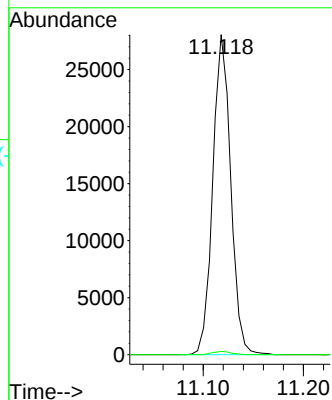
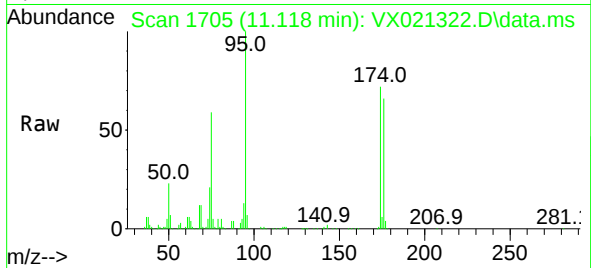




#76
1,2,3-Trichloropropane
Concen: 30.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

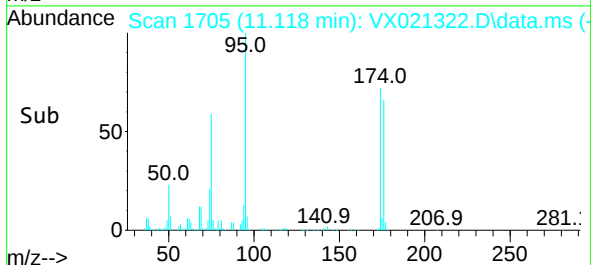
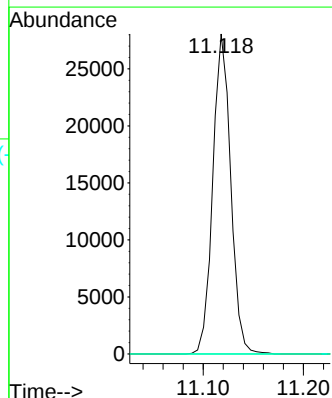
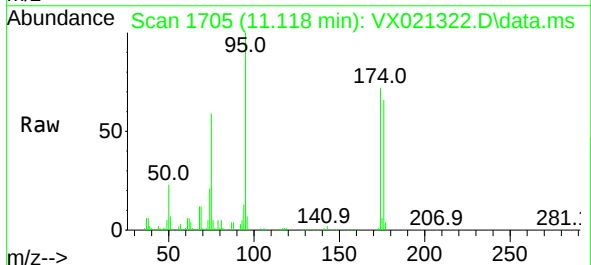
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02

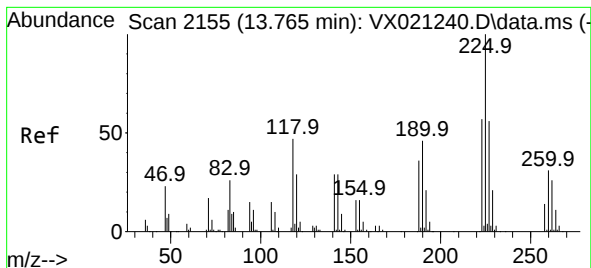
Tgt Ion: 75 Resp: 34872
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

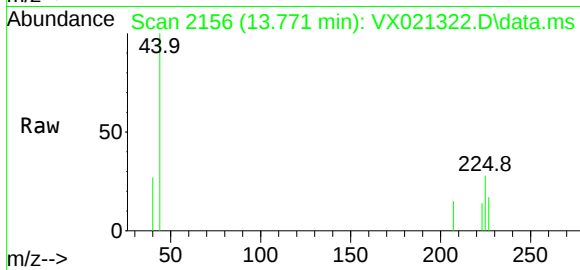
Tgt Ion: 75 Resp: 34872
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 13.771 min Scan# 2156
Delta R.T. 0.006 min
Lab File: VX021322.D
Acq: 20 Mar 2021 02:38

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL02



Tgt Ion:225 Resp: 96
Ion Ratio Lower Upper
225 100
223 21.9 31.1 93.2#
227 70.8 31.6 95.0

