

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021346.D
 Acq On : 22 Mar 2021 10:31
 Operator : JC/MD
 Sample : VX0322MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322MBL01

Quant Time: Mar 23 01:57:02 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)

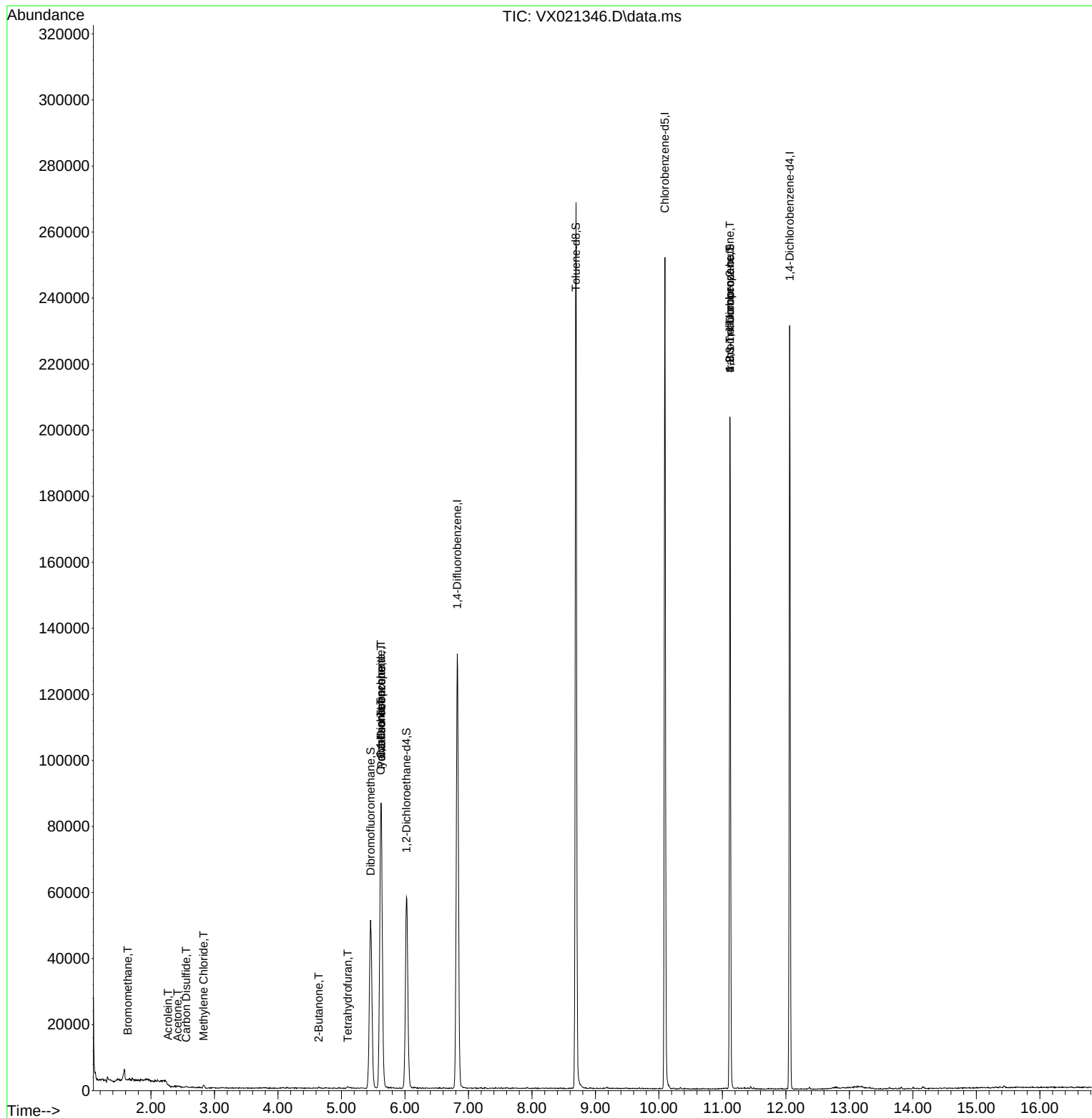
Internal Standards						
1) Pentafluorobenzene	5.629	168	75115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	123702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	104692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	42098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	58247	47.28	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.56%		
35) Dibromofluoromethane	5.458	113	41988	49.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.76%		
50) Toluene-d8	8.694	98	148565	48.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.28%		
62) 4-Bromofluorobenzene	11.118	95	51206	43.17	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.34%		
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	1865	Below Cal		99
5) Bromomethane	1.634	94	151	0.38 ug/l		84
13) Acrolein	2.270	56	117	4.06 ug/l #		59
16) Acetone	2.417	43	501	1.11 ug/l #		40
17) Carbon Disulfide	2.552	76	474	0.75 ug/l #		73
20) Methylene Chloride	2.829	84	290	0.31 ug/l #		89
25) 2-Butanone	4.641	43	169	0.24 ug/l #		45
29) Tetrahydrofuran	5.100	42	355	0.77 ug/l #		35
31) Cyclohexane	5.617	56	2252	1.51 ug/l #		38
36) 1,1-Dichloropropene	5.623	75	6821	5.47 ug/l #		48
38) Carbon Tetrachloride	5.623	117	8238	6.36 ug/l #		16
49) 1,4-Dioxane	7.741	88	19	Below Cal #		1
76) 1,2,3-Trichloropropane	11.118	75	28353	29.03 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	28353	78.83 ug/l #		12

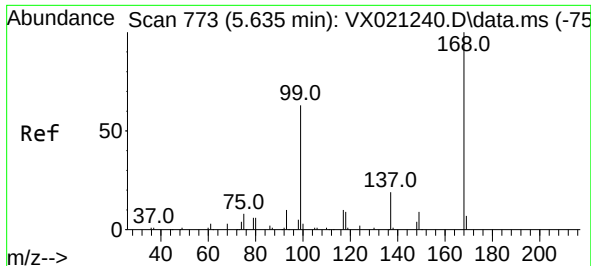
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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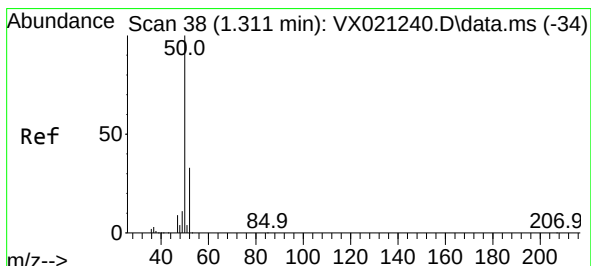
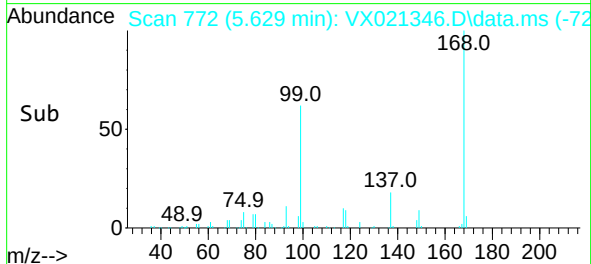
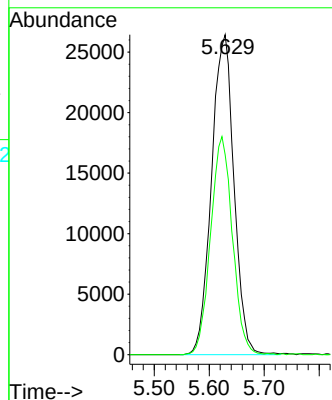
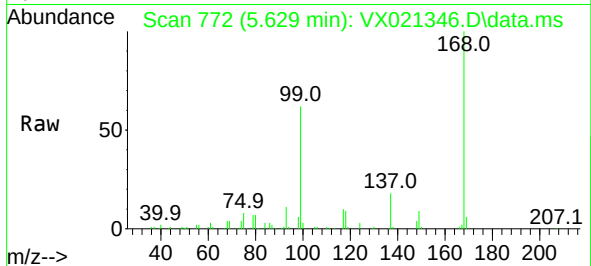




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

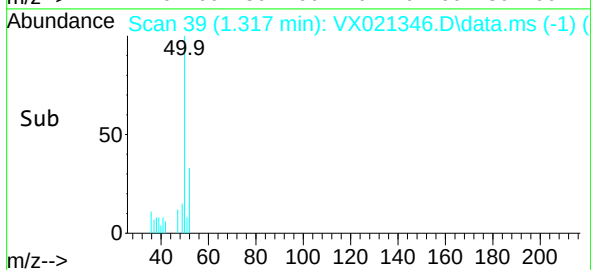
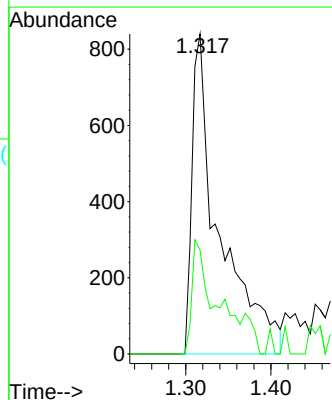
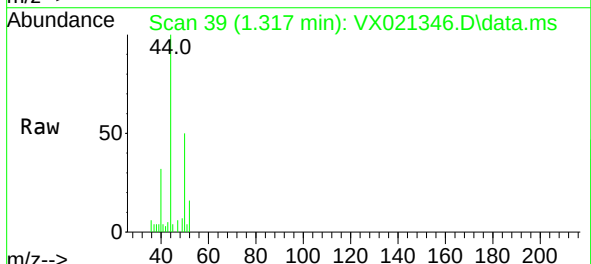
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

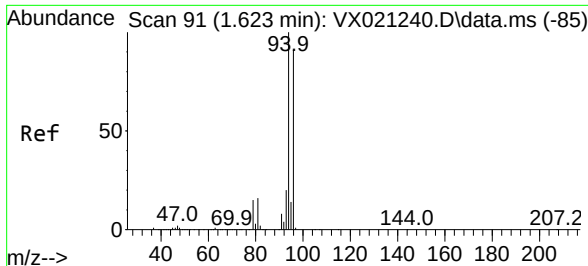
Tgt Ion:168 Resp: 75115
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion: 50 Resp: 1865
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6

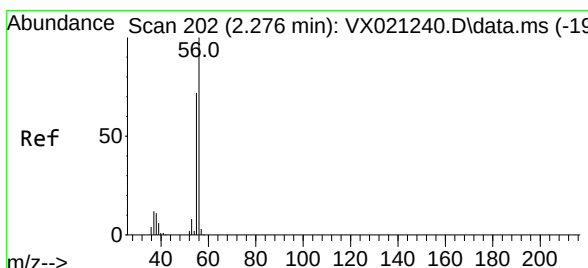
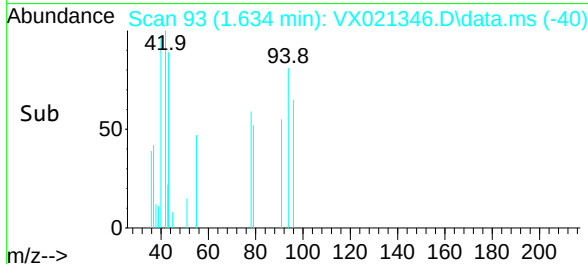
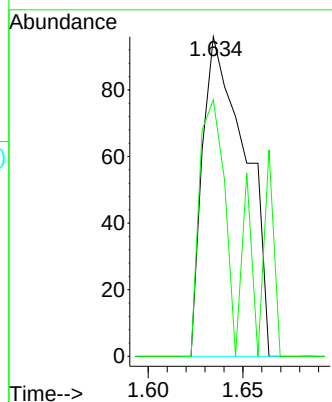
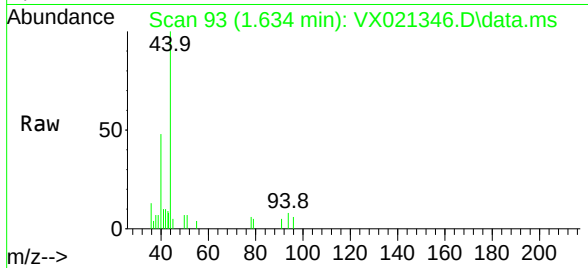




#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

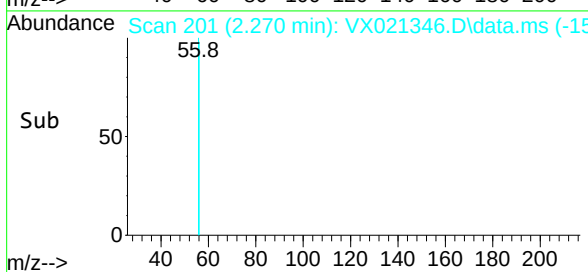
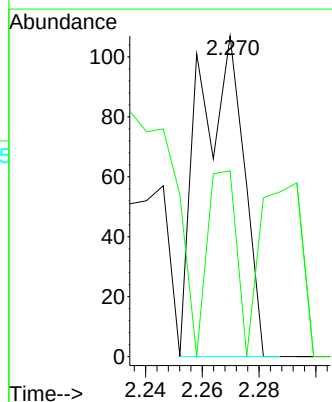
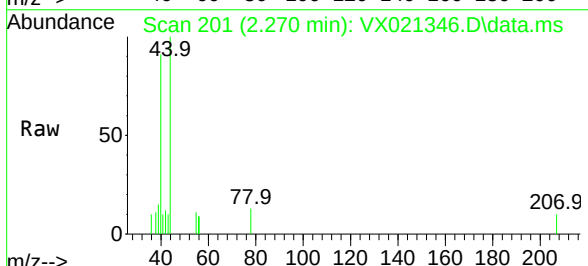
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

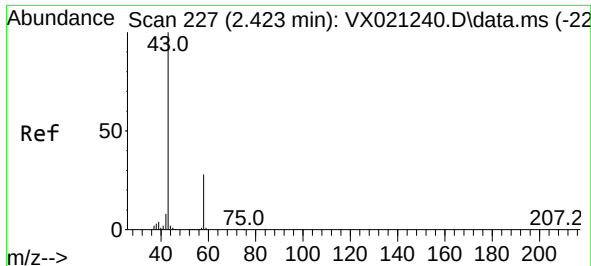
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 80.2 76.4 114.6



#13
Acrolein
Concen: 4.06 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 36.8 56.4 84.6#

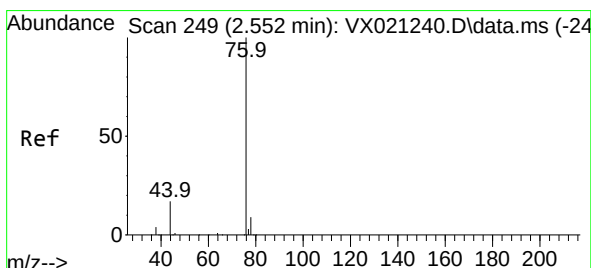
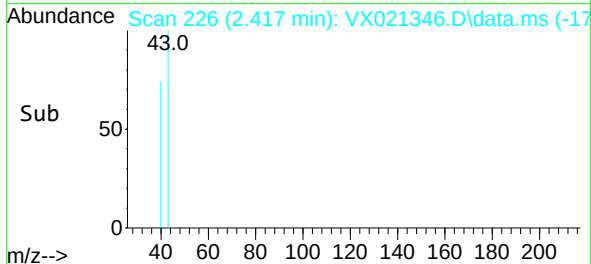
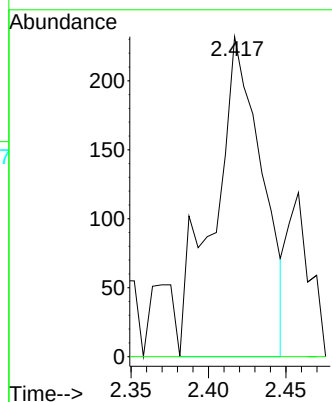
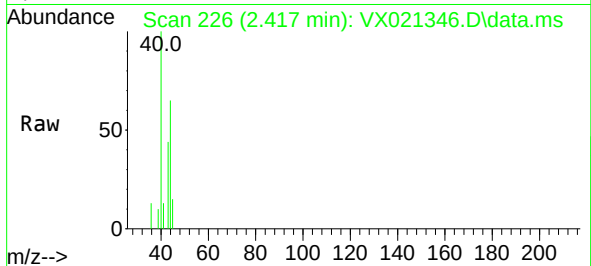




#16
Acetone
Concen: 1.11 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

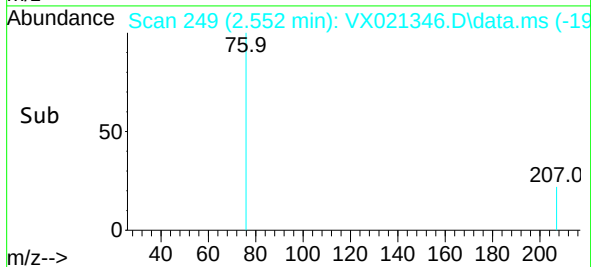
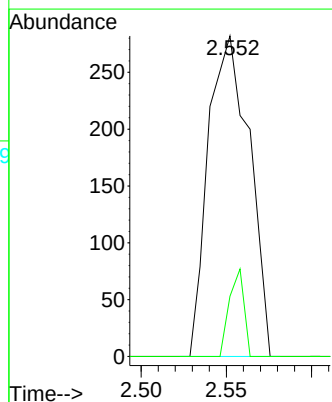
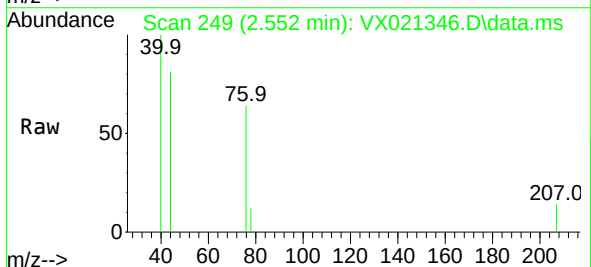
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

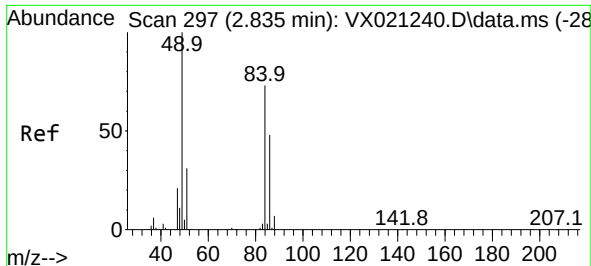
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.75 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion: 76 Resp: 474
Ion Ratio Lower Upper
76 100
78 18.8 7.2 10.8#





#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.006 min

Lab File: VX021346.D

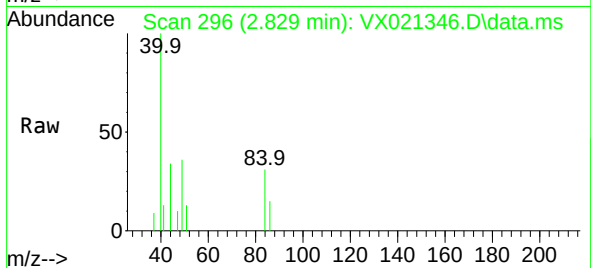
Acq: 22 Mar 2021 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX0322MBL01



Tgt Ion: 84 Resp: 290

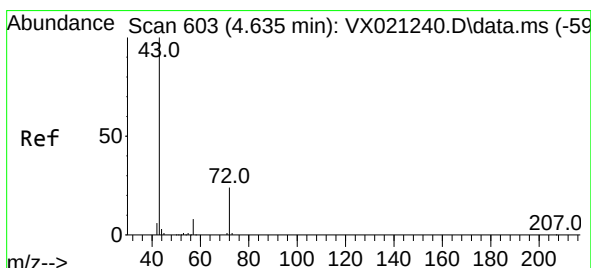
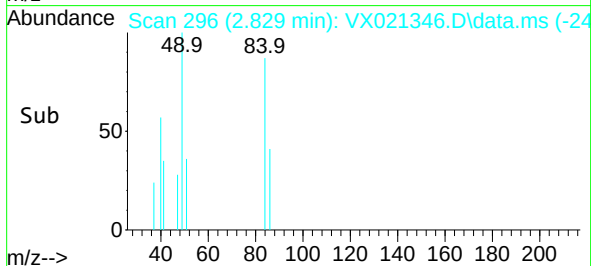
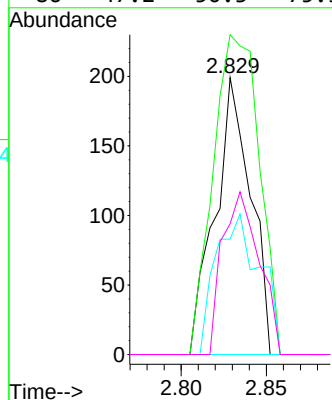
Ion Ratio Lower Upper

84 100

49 115.6 88.6 132.8

51 41.7 27.0 40.6#

86 47.2 50.3 75.5#



#25

2-Butanone

Concen: 0.24 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021346.D

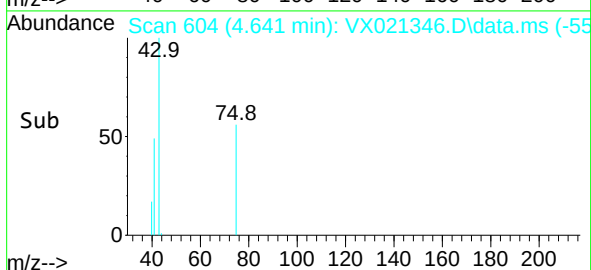
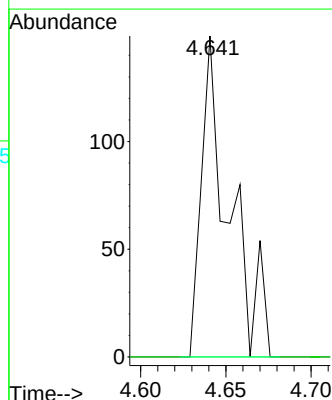
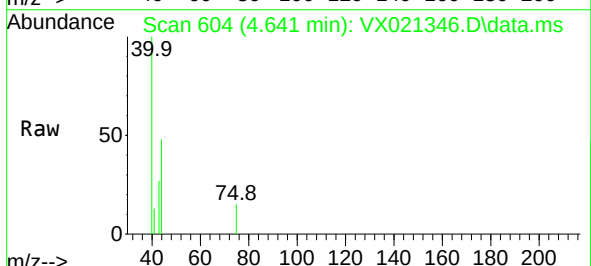
Acq: 22 Mar 2021 10:31

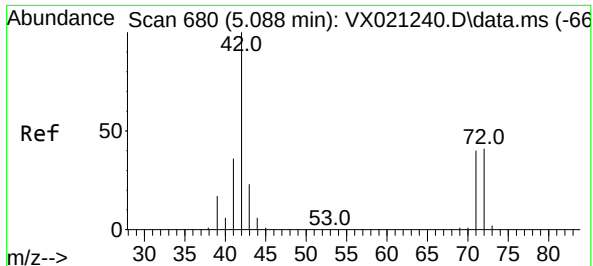
Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.77 ug/l

RT: 5.100 min Scan# 682

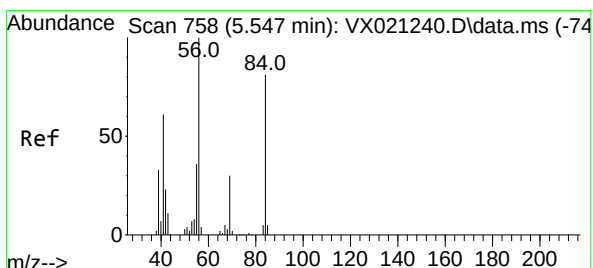
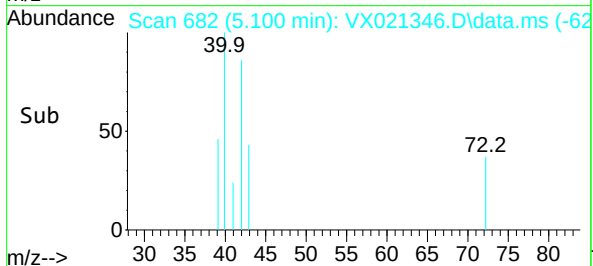
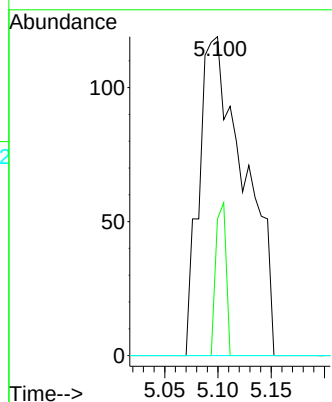
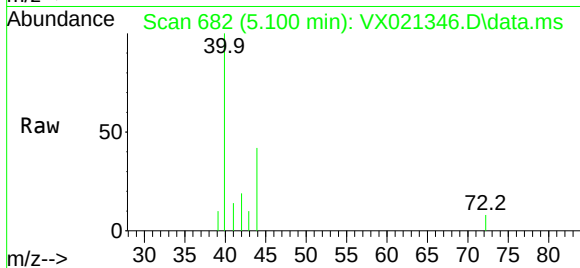
Delta R.T. 0.012 min

Lab File: VX021346.D

Acq: 22 Mar 2021 10:31

Tgt Ion:	42	Resp:	355
Ion	Ratio	Lower	Upper
42	100		
72	10.7	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01



#31

Cyclohexane

Concen: 1.51 ug/l

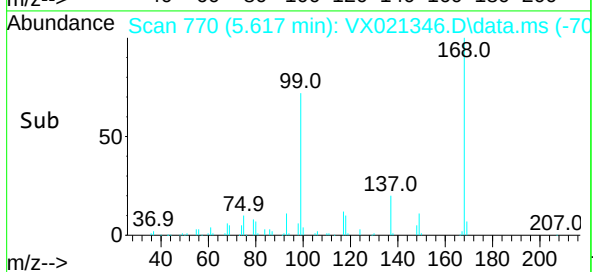
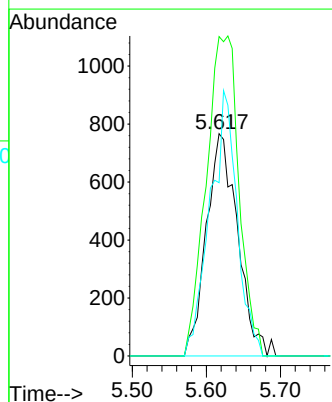
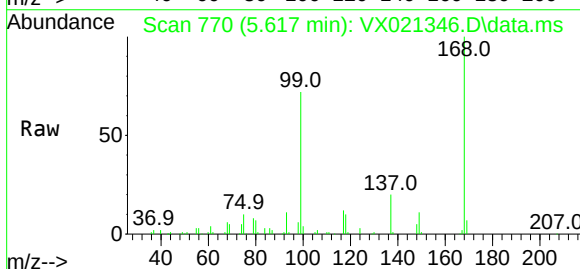
RT: 5.617 min Scan# 770

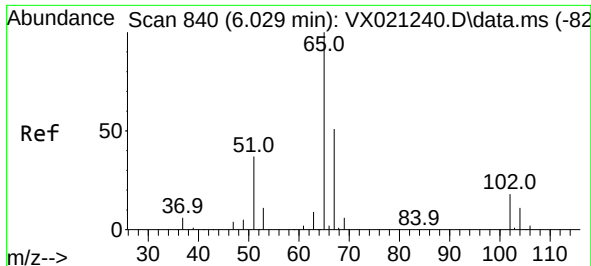
Delta R.T. 0.070 min

Lab File: VX021346.D

Acq: 22 Mar 2021 10:31

Tgt Ion:	56	Resp:	2252
Ion	Ratio	Lower	Upper
56	100		
69	143.7	25.3	37.9#
84	78.0	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 47.28 ug/l

RT: 6.023 min Scan# 839

Delta R.T. -0.006 min

Lab File: VX021346.D

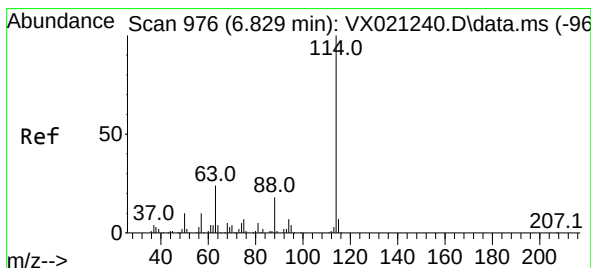
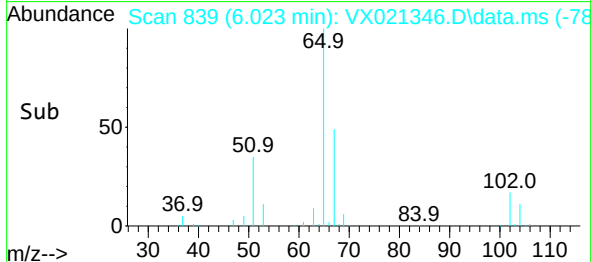
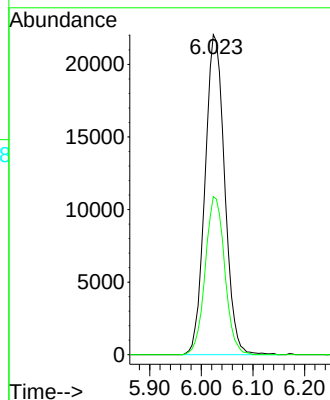
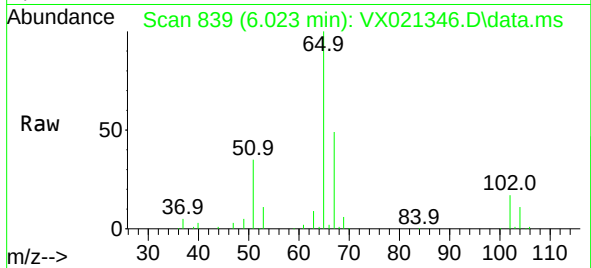
Acq: 22 Mar 2021 10:31

Tgt Ion: 65 Resp: 58247

Ion Ratio Lower Upper

65 100

67 49.0 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: VX021346.D

Acq: 22 Mar 2021 10:31

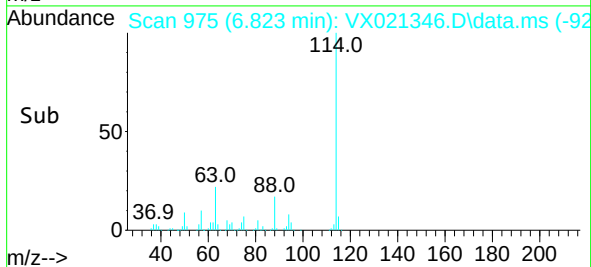
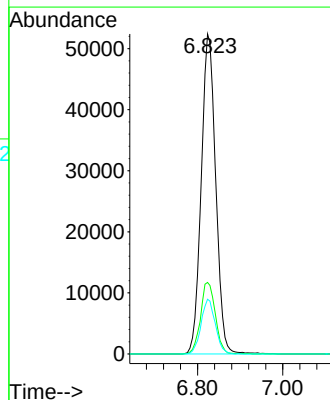
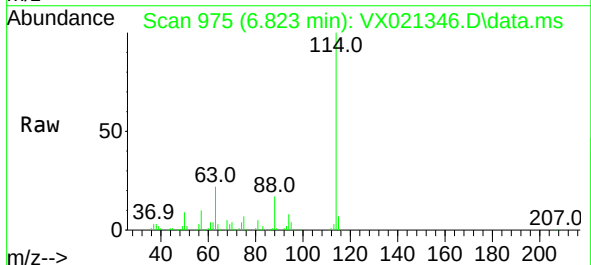
Tgt Ion: 114 Resp: 123702

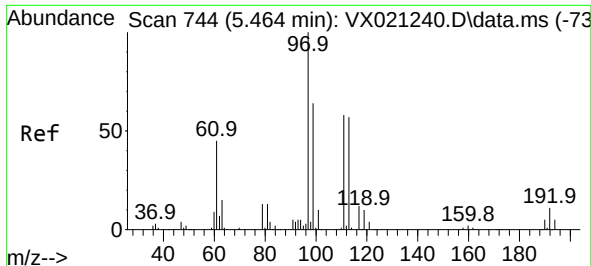
Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.8

88 17.1 0.0 32.8

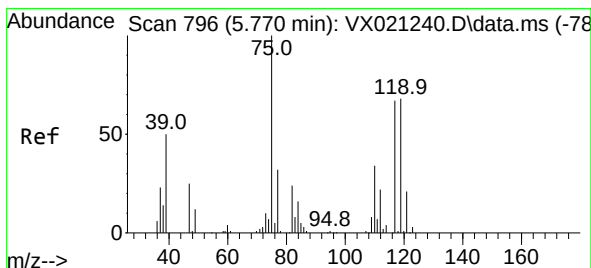
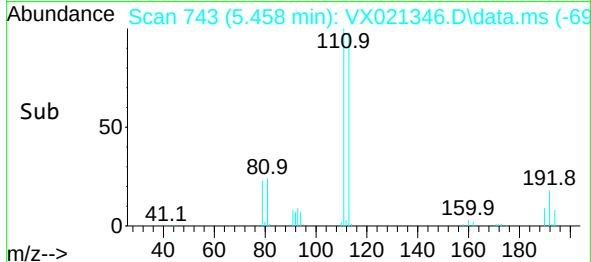
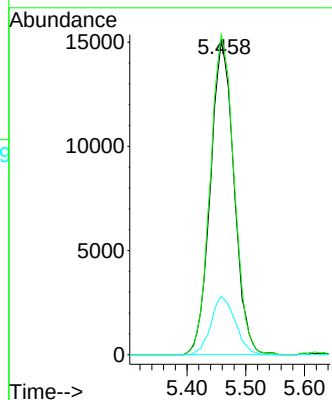
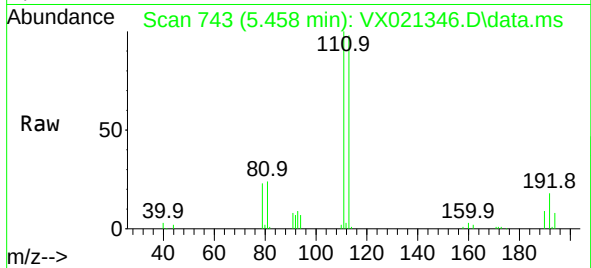




#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

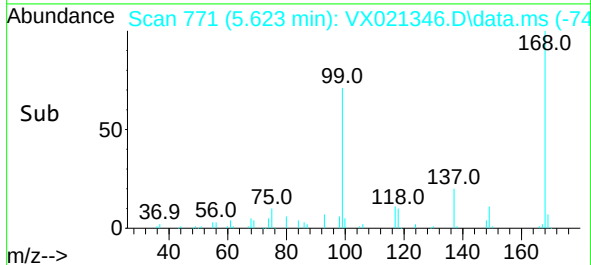
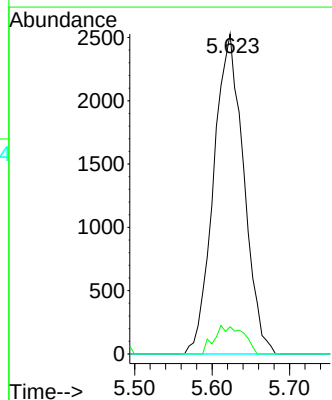
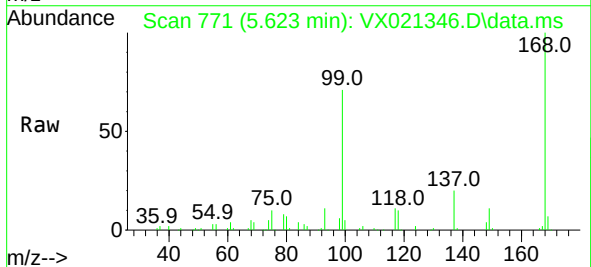
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

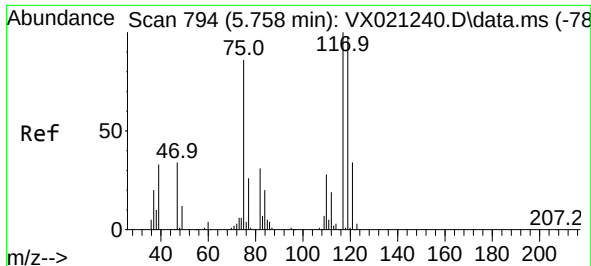
Tgt Ion:113 Resp: 41988
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.47 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

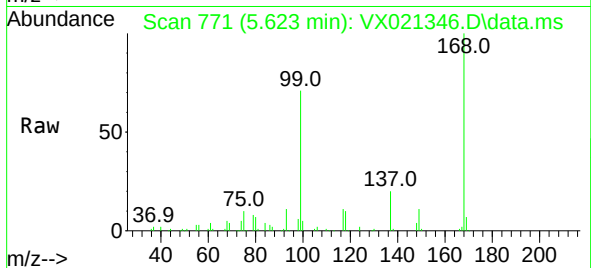
Tgt Ion: 75 Resp: 6821
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



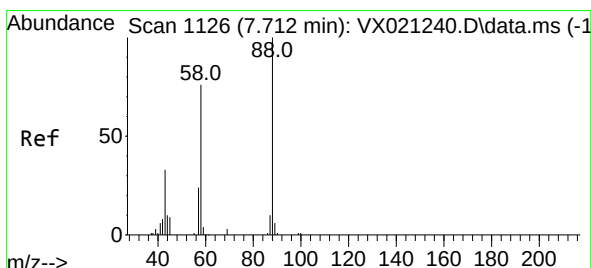
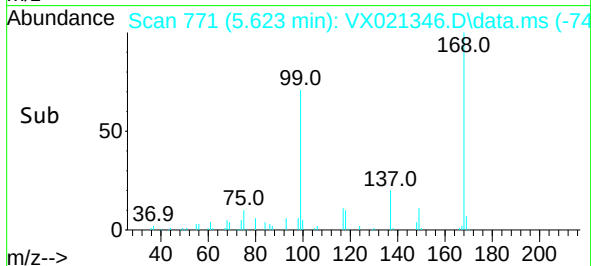
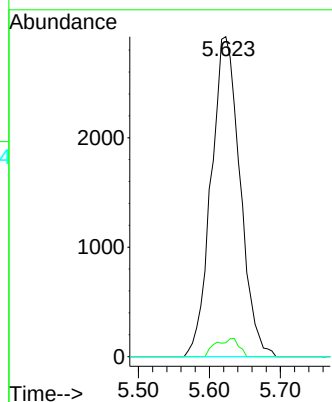


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

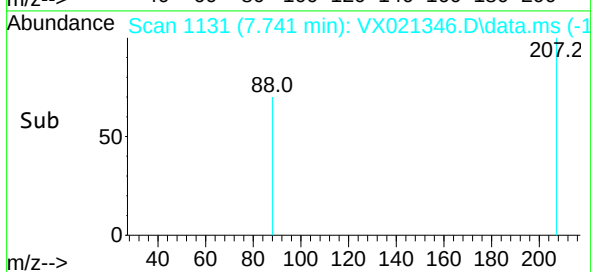
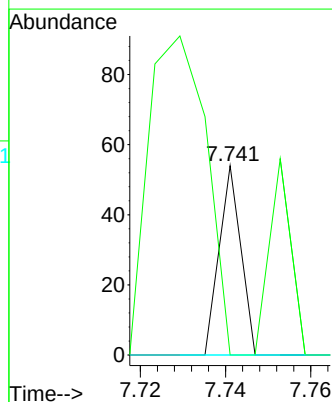
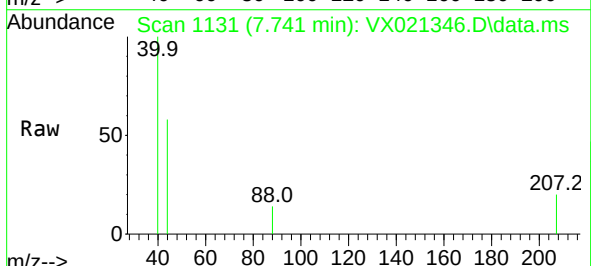


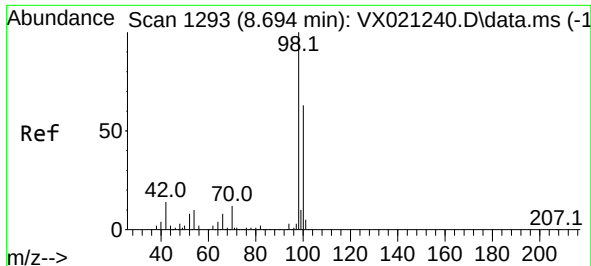
Tgt Ion:117 Resp: 8238
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.741 min Scan# 1131
Delta R.T. 0.029 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 105.3 23.2 34.8#
58 0.0 55.0 82.4#

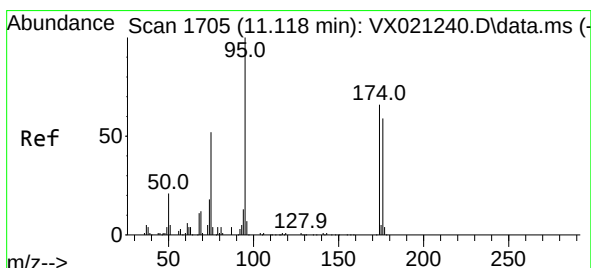
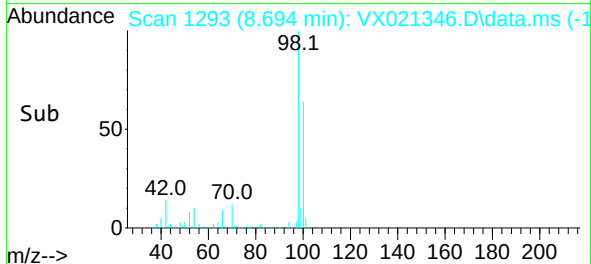
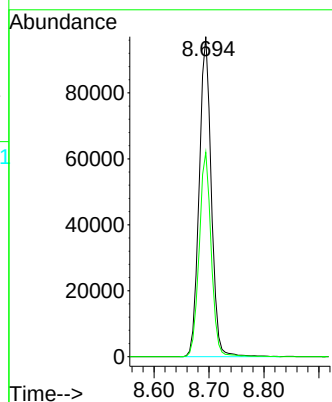
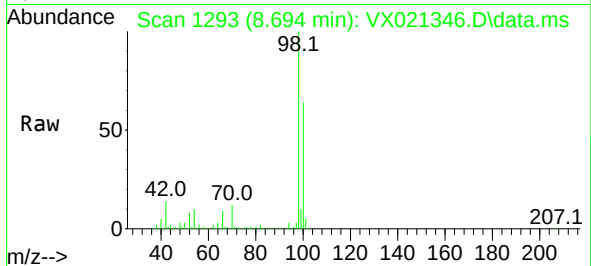




#50
Toluene-d8
Concen: 48.64 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

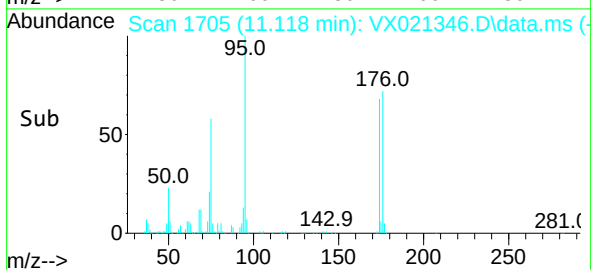
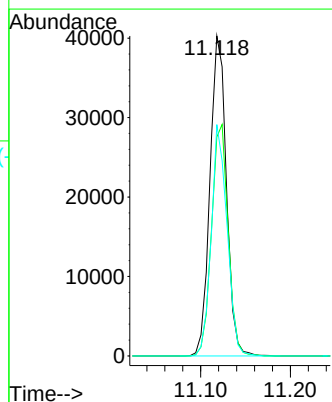
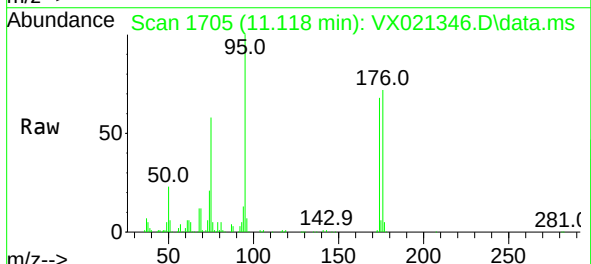
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

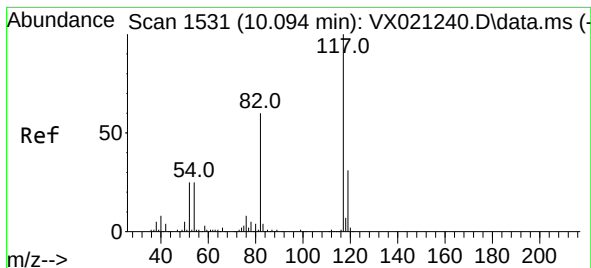
Tgt Ion: 98 Resp: 148565
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion: 95 Resp: 51206
Ion Ratio Lower Upper
95 100
174 73.1 0.0 154.6
176 69.5 0.0 155.8

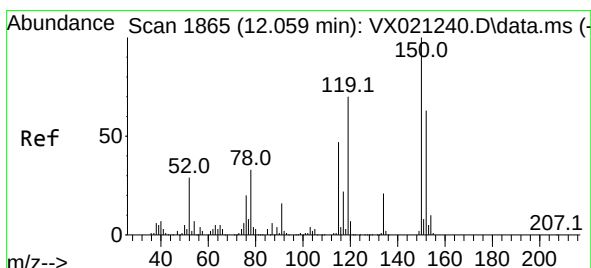
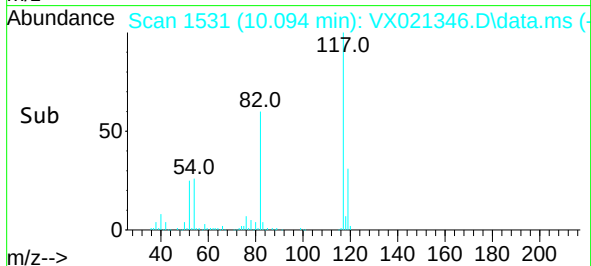
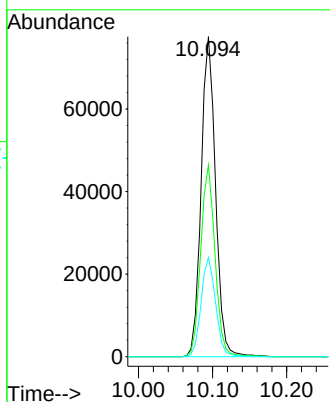
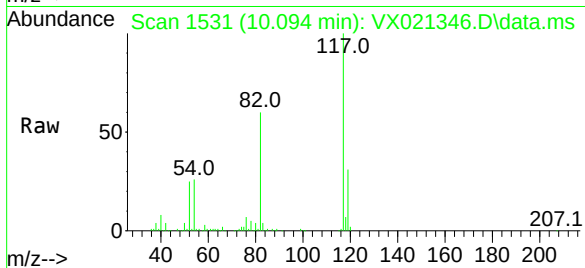




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

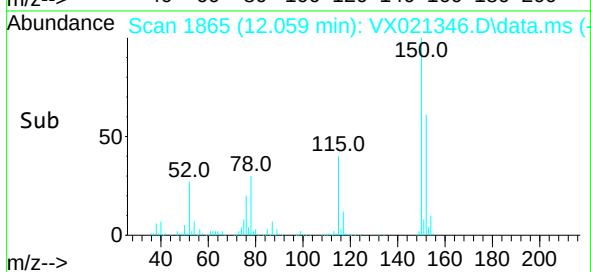
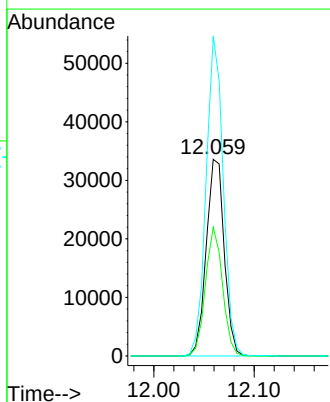
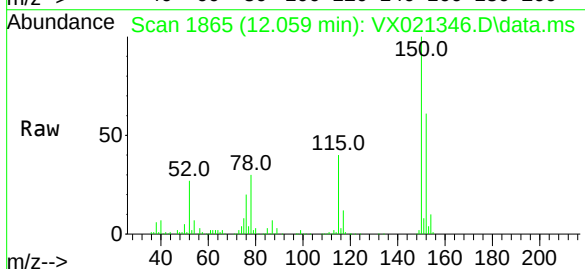
Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

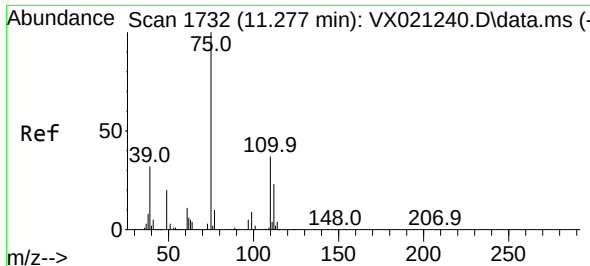
Tgt Ion:117 Resp: 104692
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion:152 Resp: 42098
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 154.3 0.0 349.0

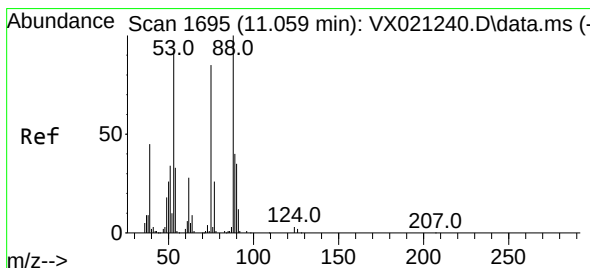
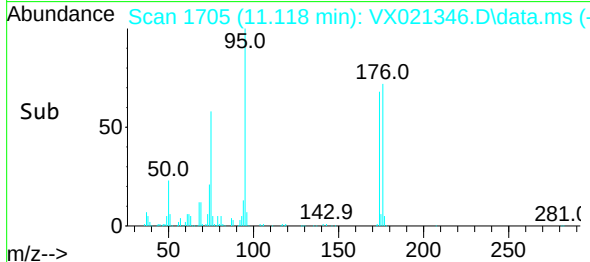
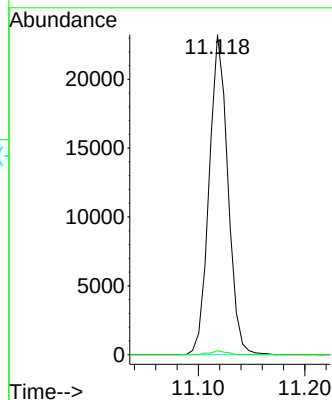
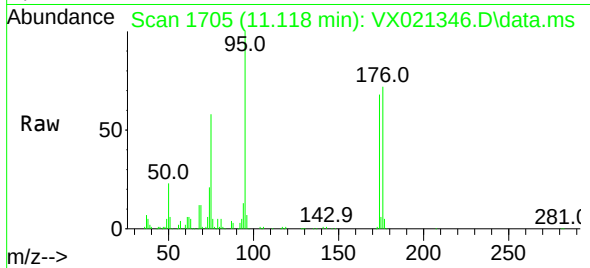




#76
1,2,3-Trichloropropane
Concen: 29.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0322MBL01

Tgt Ion: 75 Resp: 28353
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021346.D
Acq: 22 Mar 2021 10:31

Tgt Ion: 75 Resp: 28353
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

