

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
 Data File : VX012622.D
 Acq On : 24 Sep 2019 11:03
 Operator : JC/SP
 Sample : VX0924MBL01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBL01

Quant Time: Sep 25 04:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	125076	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	5.49	113	89653	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	8.71	98	350372	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.14	95	121058	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	

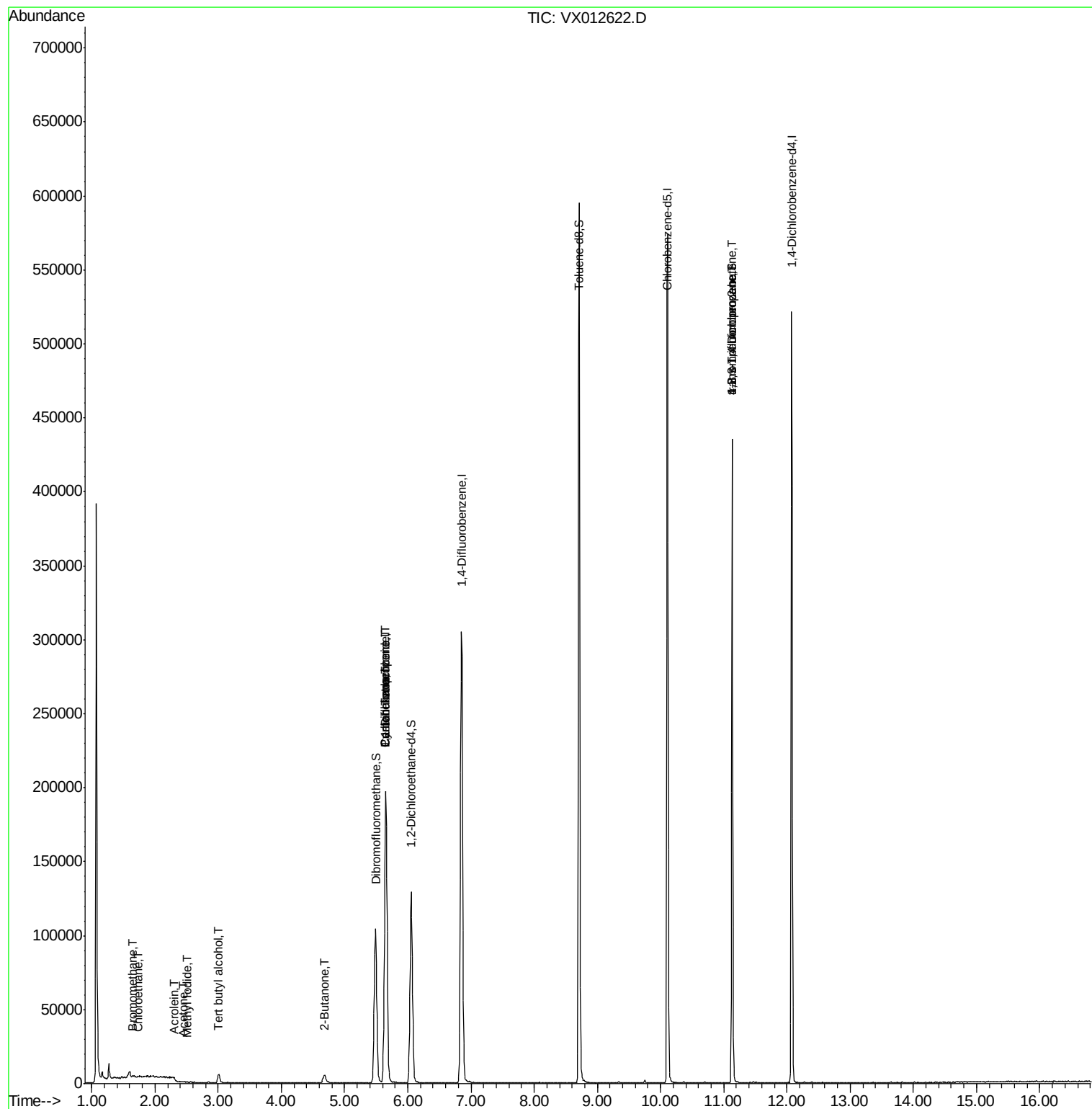
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	365	0.420	ug/l #	66
6) Chloroethane	1.73	64	299	0.201	ug/l #	45
10) Methyl Iodide	2.51	142	269	5.075	ug/l #	72
11) Tert butyl alcohol	3.01	59	3779	6.041	ug/l #	72
13) Acrolein	2.31	56	71	10.428	ug/l #	15
16) Acetone	2.45	43	288	0.217	ug/l	93
25) 2-Butanone	4.69	43	546	0.287	ug/l #	51
31) Cyclohexane	5.65	56	4552	1.306	ug/l #	22
36) 1,1-Dichloropropene	5.65	75	15090	5.271	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19691	6.772	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	62509	23.826	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	62509	68.279	ug/l #	8

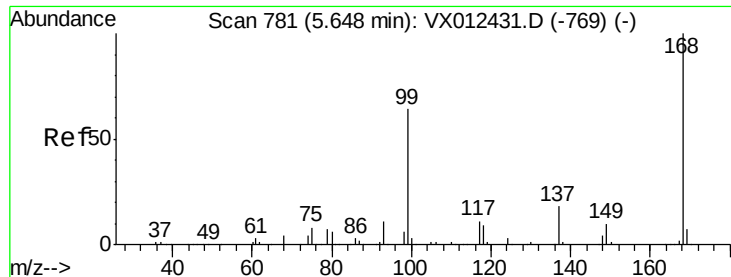
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

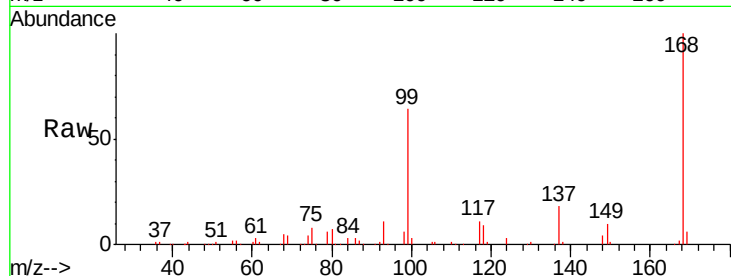
VX0924MBL01

Tgt Ion:168 Resp: 171981

Ion Ratio Lower Upper

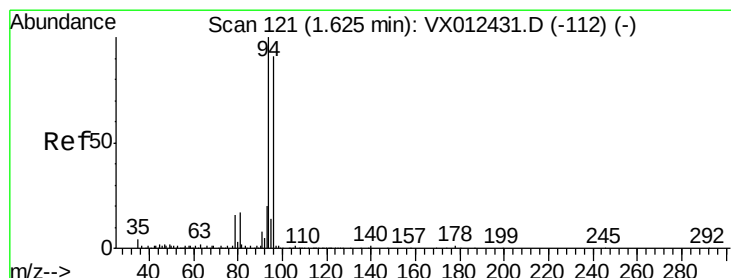
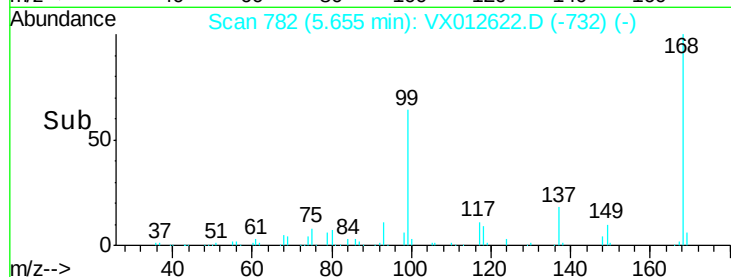
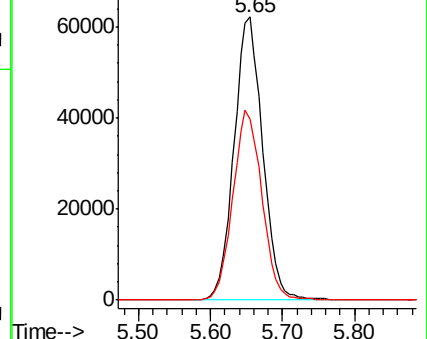
168 100

99 64.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.420 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012622.D

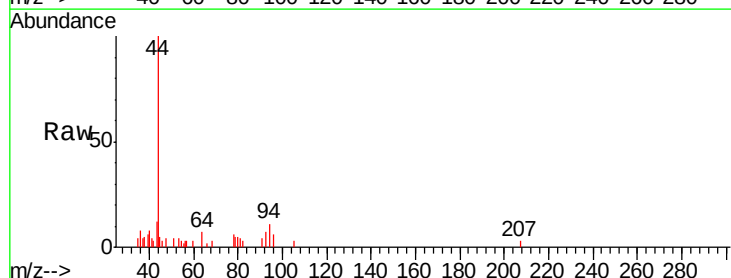
Acq: 24 Sep 2019 11:03

Tgt Ion: 94 Resp: 365

Ion Ratio Lower Upper

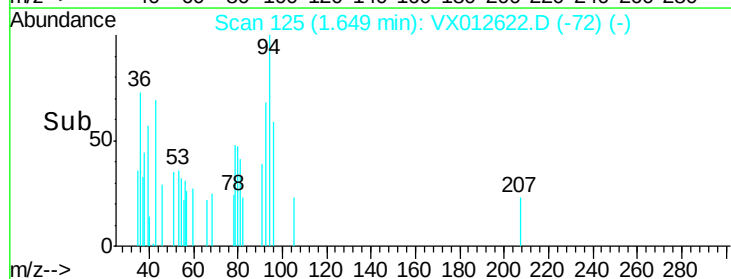
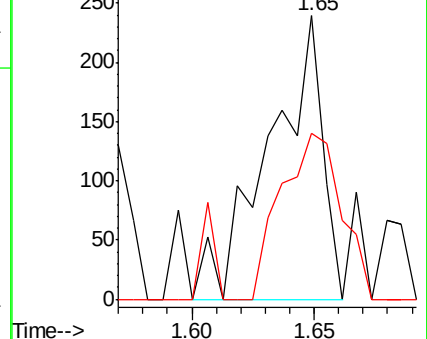
94 100

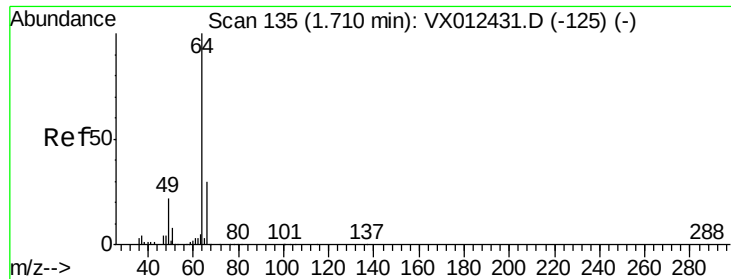
96 58.6 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.201 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.02 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

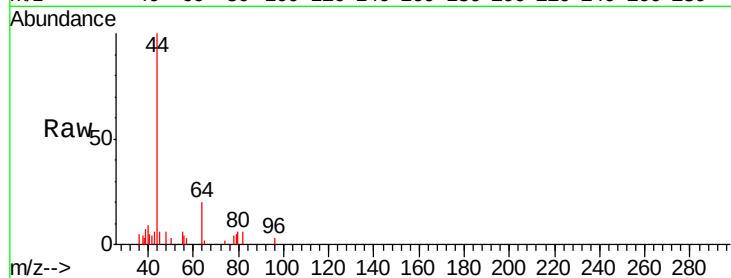
VX0924MBL01

Tgt Ion: 64 Resp: 299

Ion Ratio Lower Upper

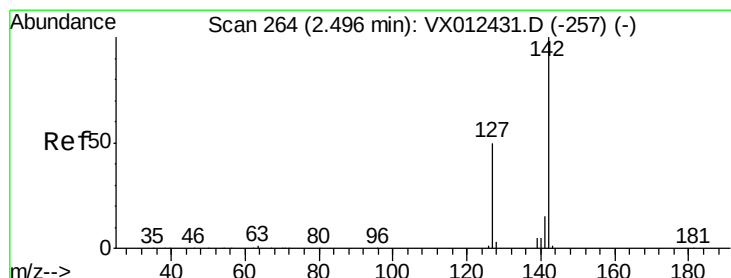
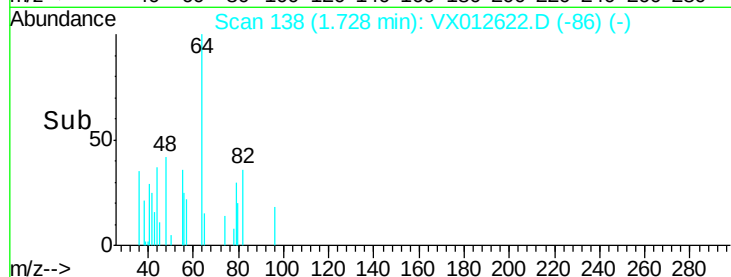
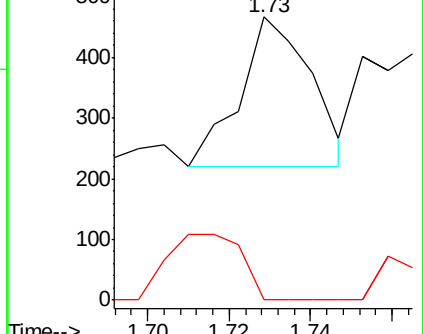
64 100

66 0.0 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 5.075 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

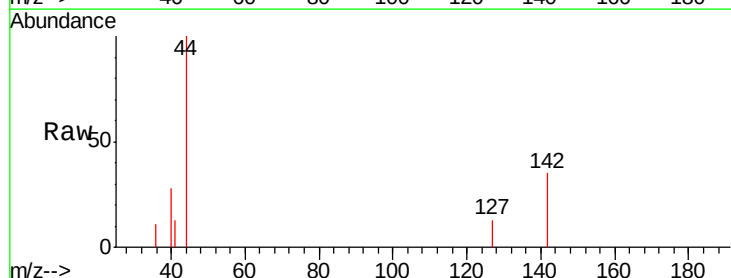
Tgt Ion: 142 Resp: 269

Ion Ratio Lower Upper

142 100

127 33.1 40.8 61.2#

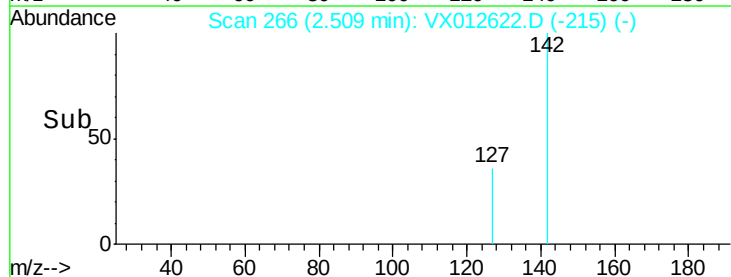
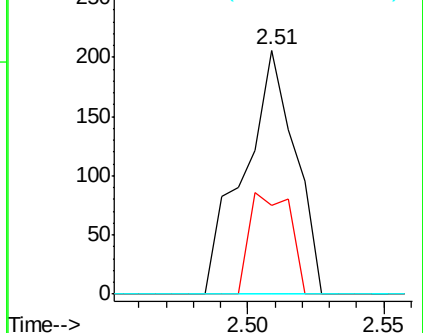
141 0.0 12.1 18.1#

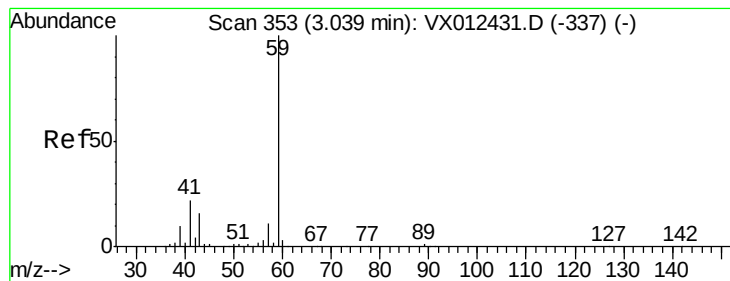


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



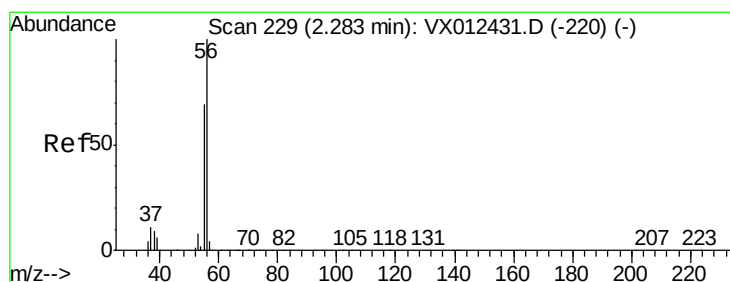
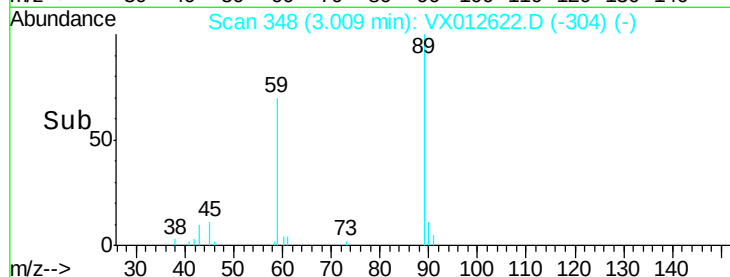
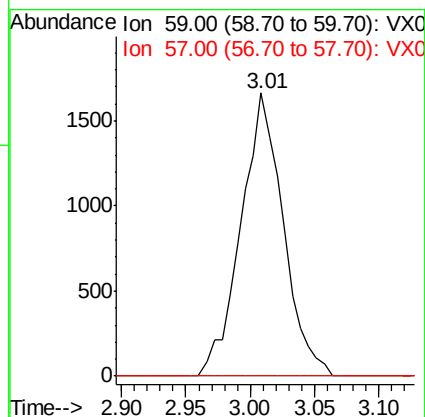
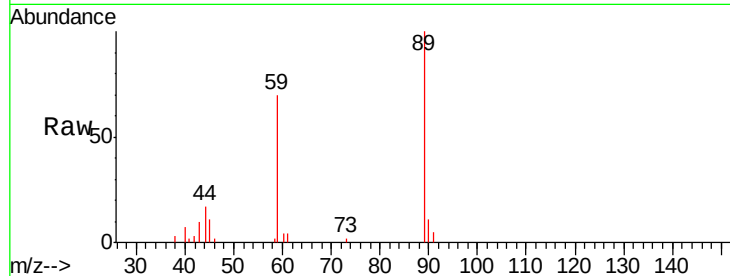


#11

Tert butyl alcohol
 Concen: 6.041 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX012622.D
 Acq: 24 Sep 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBL01

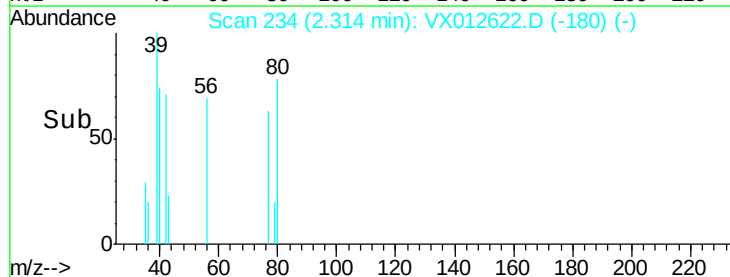
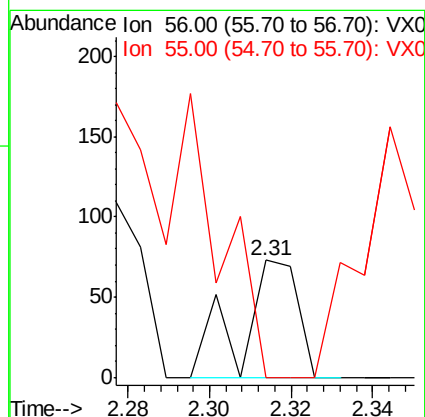
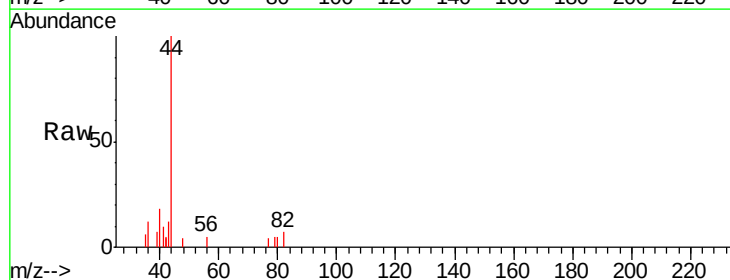
Tgt Ion: 59 Resp: 3779
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

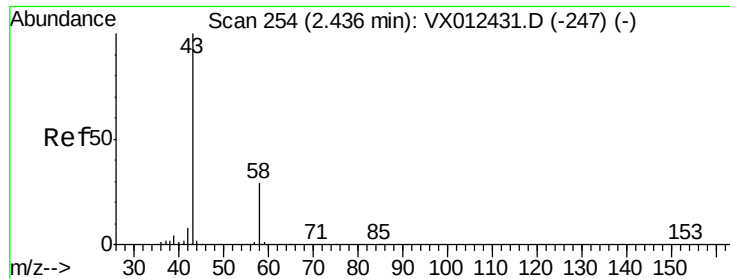


#13

Acrolein
 Concen: 10.428 ug/l
 RT: 2.31 min Scan# 234
 Delta R.T. 0.03 min
 Lab File: VX012622.D
 Acq: 24 Sep 2019 11:03

Tgt Ion: 56 Resp: 71
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.8 83.8#





#16

Acetone

Concen: 0.217 ug/l

RT: 2.45 min Scan# 256

Delta R.T. 0.01 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

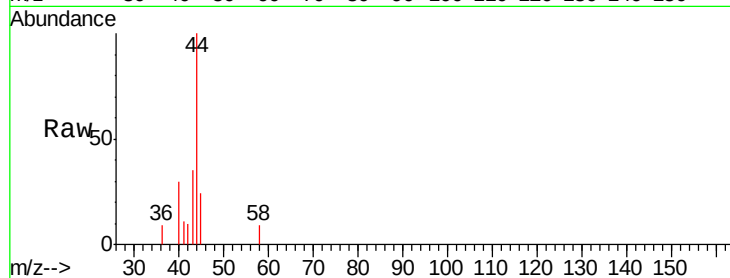
VX0924MBL01

Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

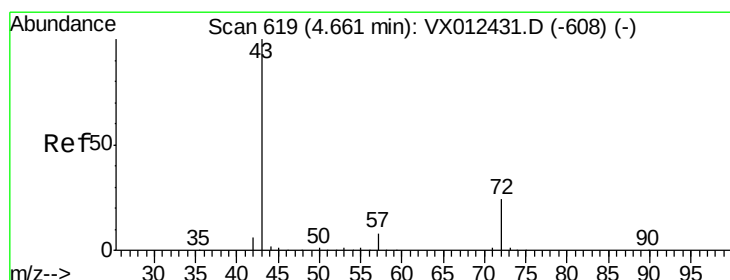
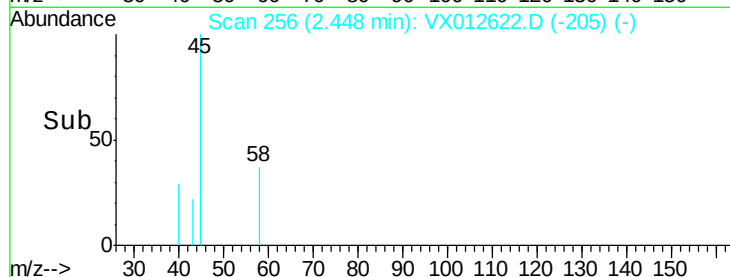
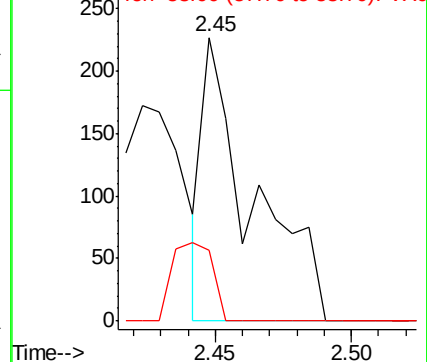
43 100

58 25.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 0.287 ug/l

RT: 4.69 min Scan# 624

Delta R.T. 0.03 min

Lab File: VX012622.D

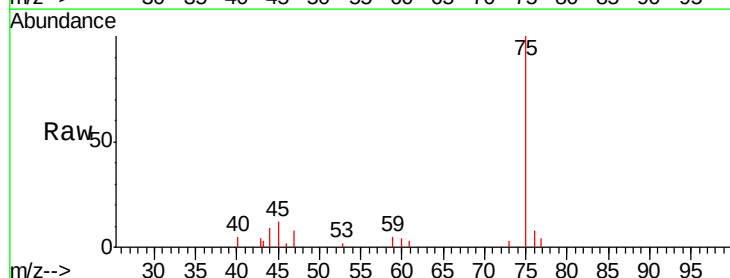
Acq: 24 Sep 2019 11:03

Tgt Ion: 43 Resp: 546

Ion Ratio Lower Upper

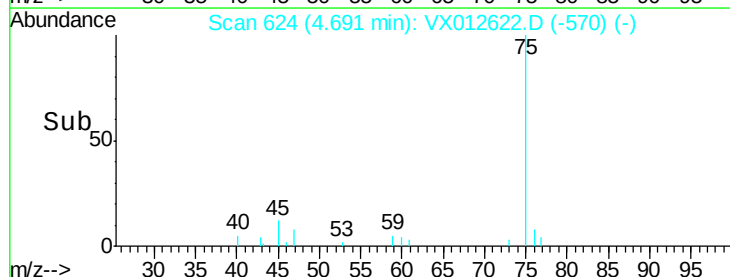
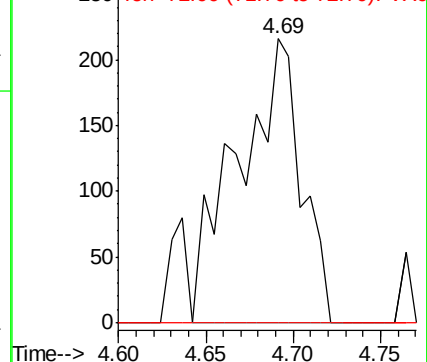
43 100

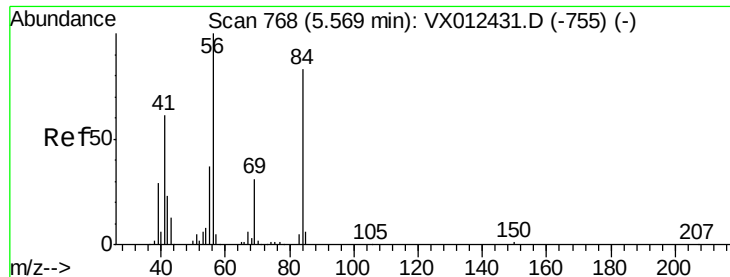
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

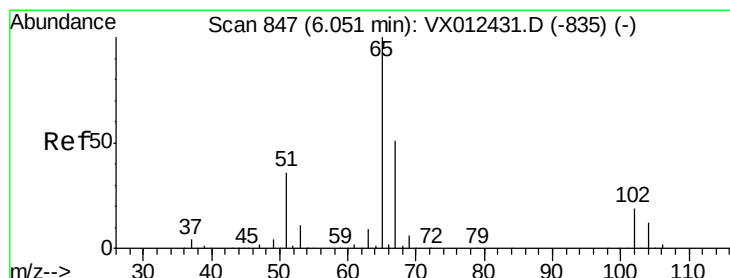
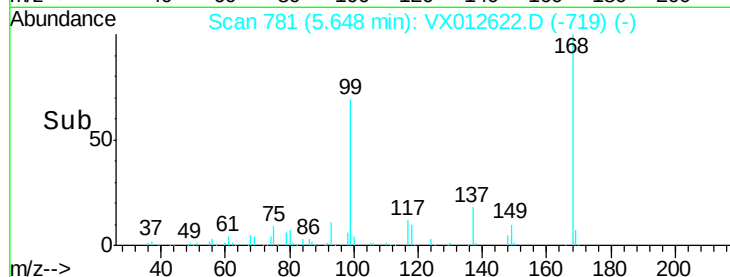
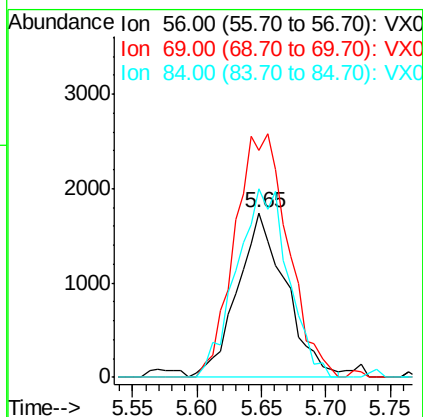
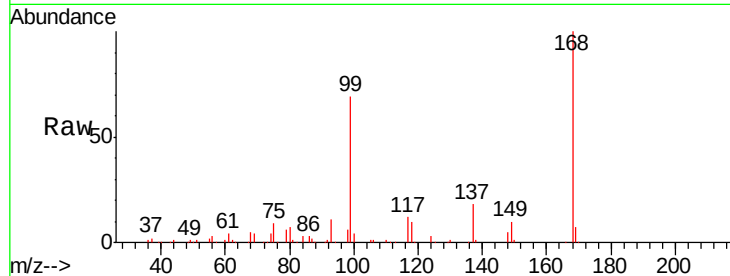




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012622.D
Acq: 24 Sep 2019 11:03

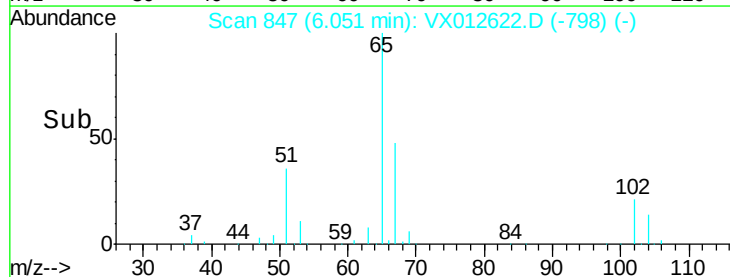
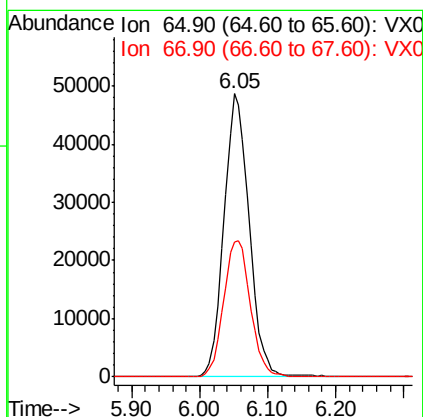
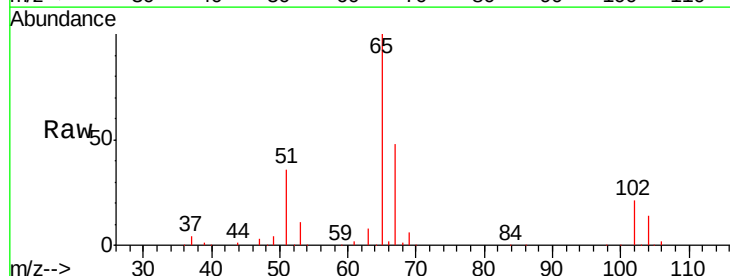
Instrument :
MSVOA_X
ClientSampled :
VX0924MBL01

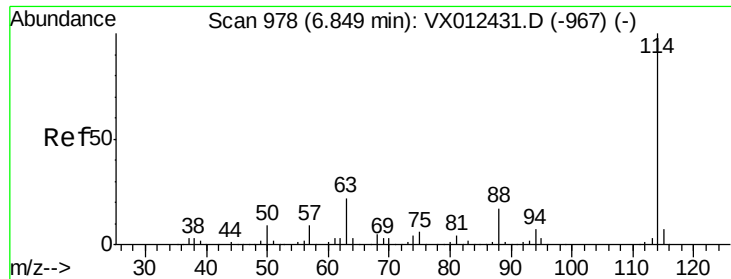
Tgt Ion: 56 Resp: 4552
Ion Ratio Lower Upper
56 100
69 137.7 25.0 37.6#
84 114.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.943 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012622.D
Acq: 24 Sep 2019 11:03

Tgt Ion: 65 Resp: 125076
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.2

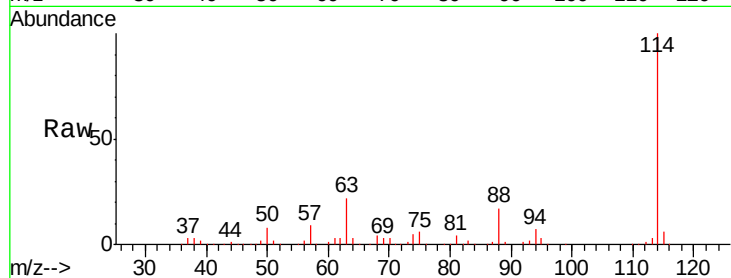




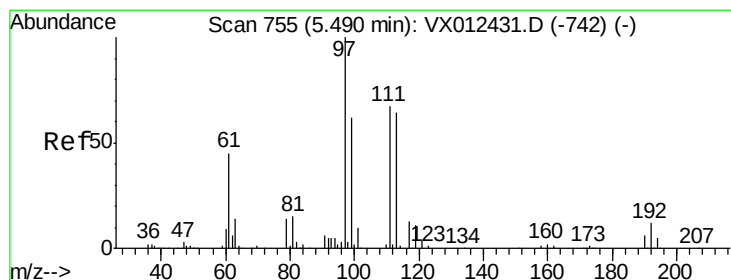
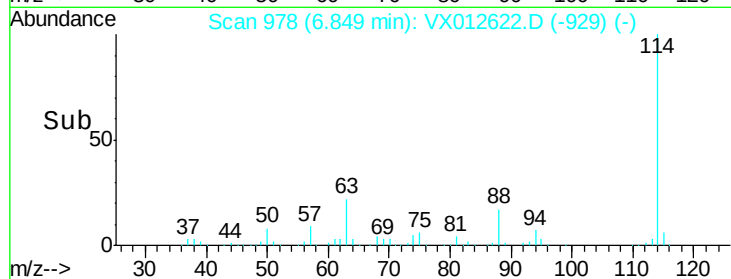
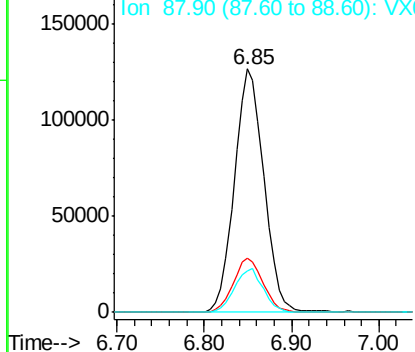
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012622.D
 Acq: 24 Sep 2019 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924MBL01

Tgt Ion:114 Resp: 296981
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 17.0 0.0 33.2

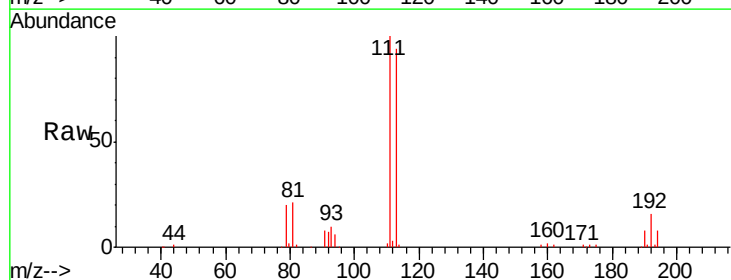


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

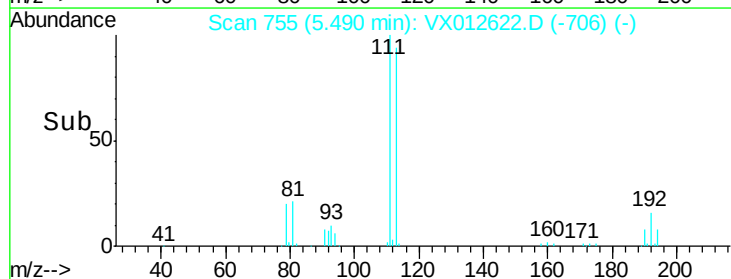
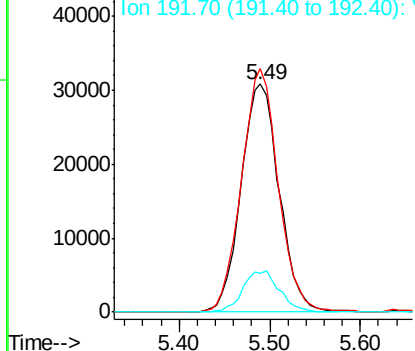


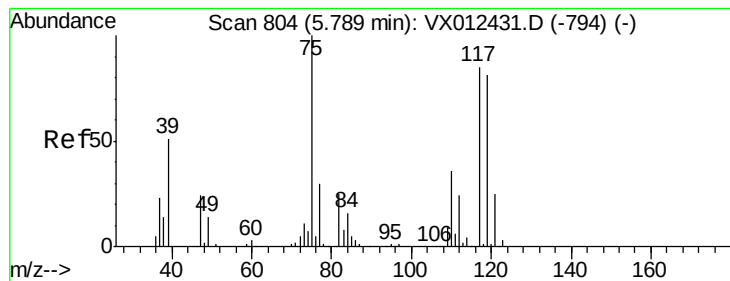
#35
 Dibromofluoromethane
 Concen: 50.690 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012622.D
 Acq: 24 Sep 2019 11:03

Tgt Ion:113 Resp: 89653
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.2
 192 17.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.271 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0924MBL01

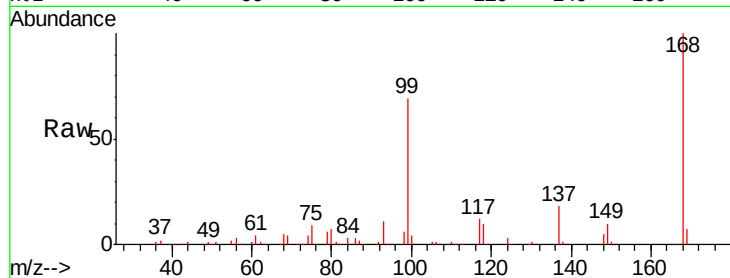
Tgt Ion: 75 Resp: 15090

Ion Ratio Lower Upper

75 100

110 10.5 16.7 50.0#

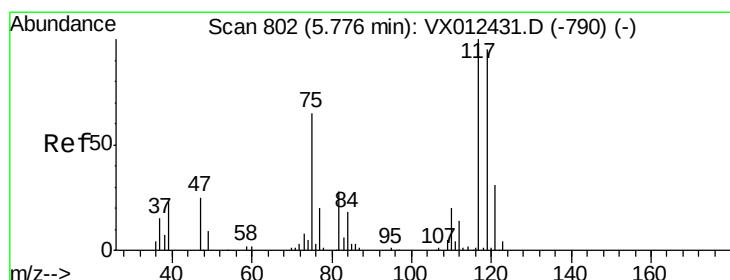
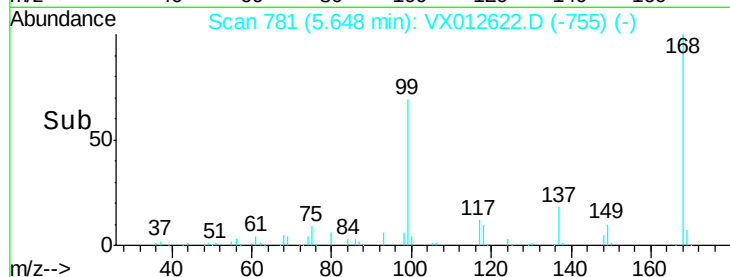
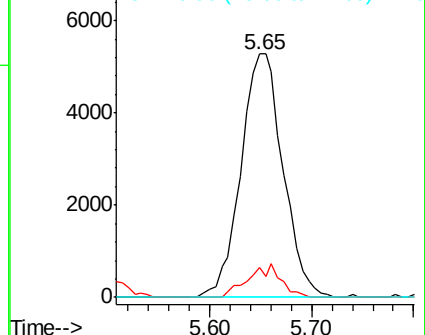
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.772 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

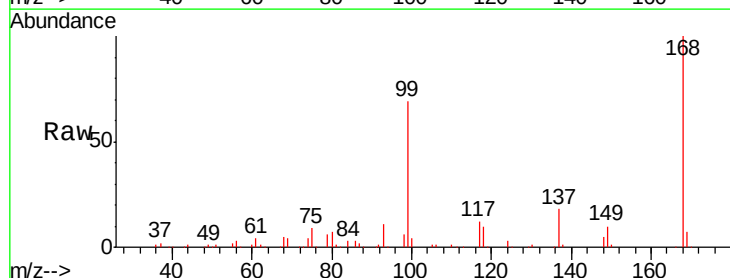
Tgt Ion: 117 Resp: 19691

Ion Ratio Lower Upper

117 100

119 3.8 75.7 113.5#

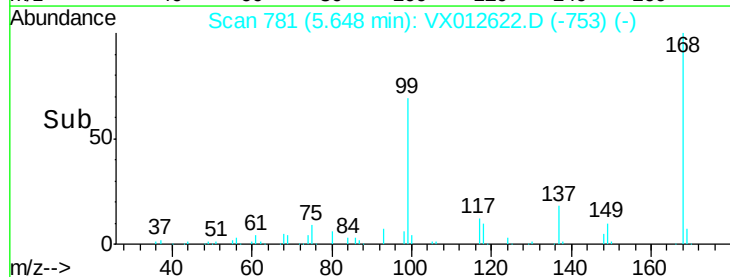
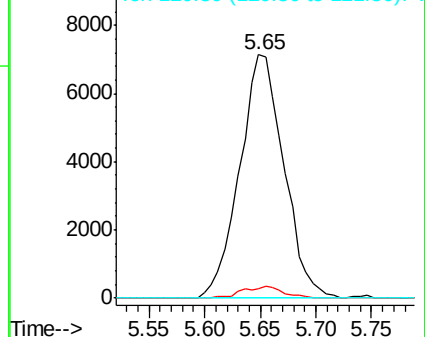
121 0.0 24.2 36.4#

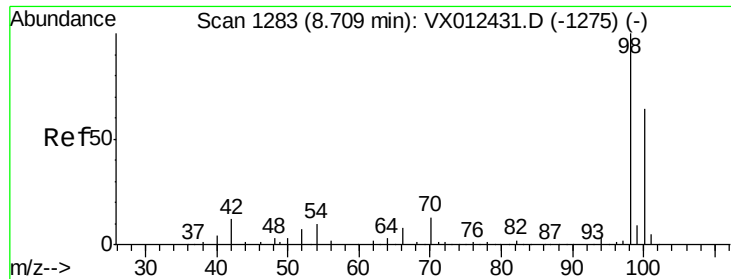


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

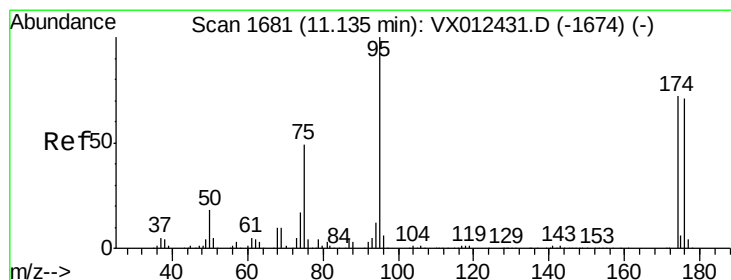
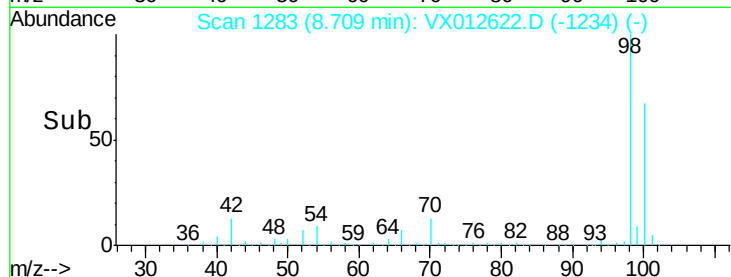
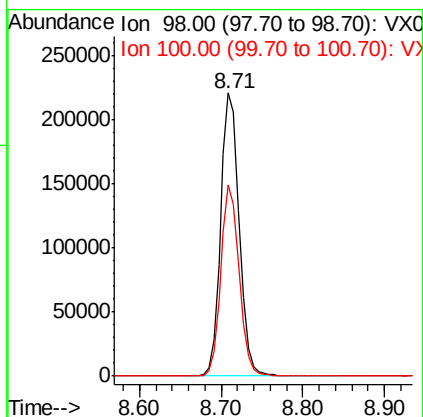
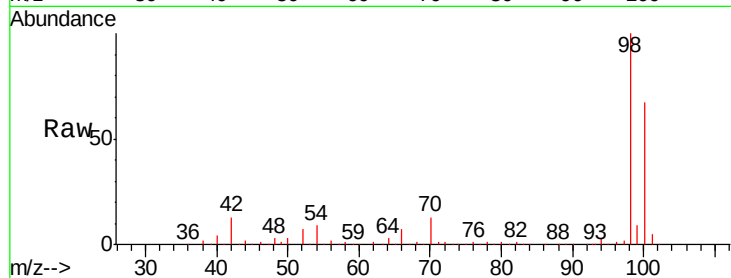




#50
Toluene-d8
Concen: 51.441 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012622.D
Acq: 24 Sep 2019 11:03

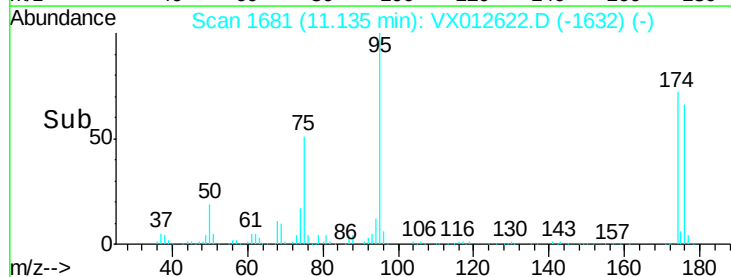
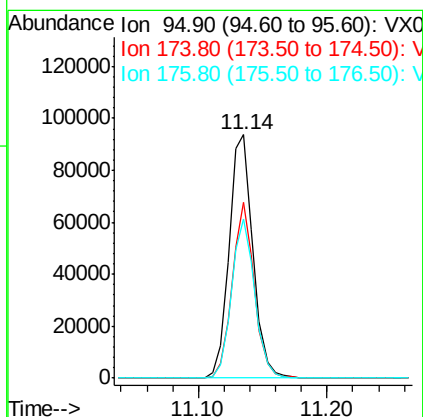
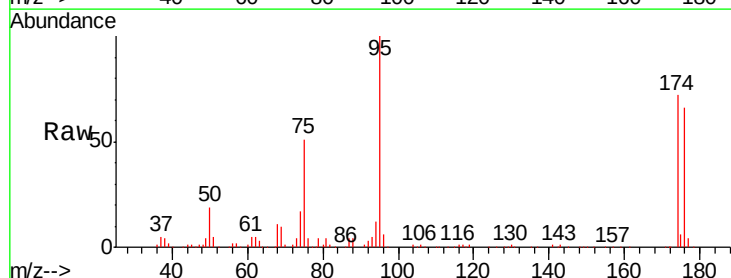
Instrument :
MSVOA_X
ClientSampleId :
VX0924MBL01

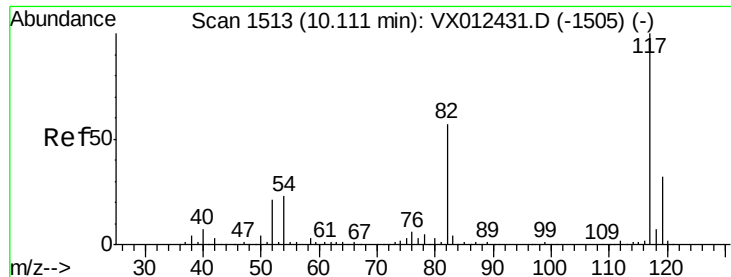
Tgt Ion: 98 Resp: 350372
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012622.D
Acq: 24 Sep 2019 11:03

Tgt Ion: 95 Resp: 121058
Ion Ratio Lower Upper
95 100
174 67.3 0.0 140.0
176 64.0 0.0 135.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0924MBL01

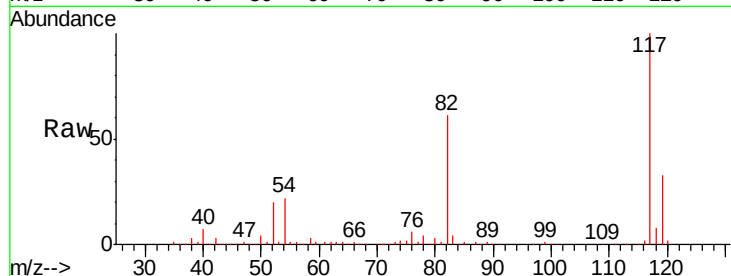
Tgt Ion:117 Resp: 248784

Ion Ratio Lower Upper

117 100

82 61.4 45.9 68.9

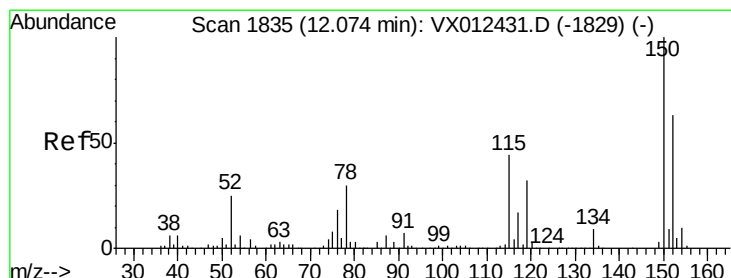
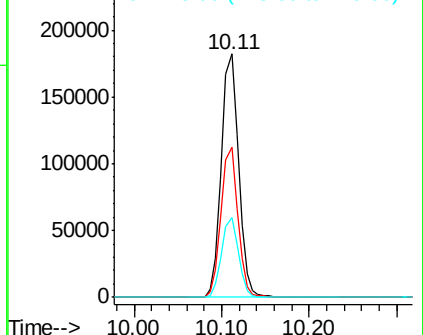
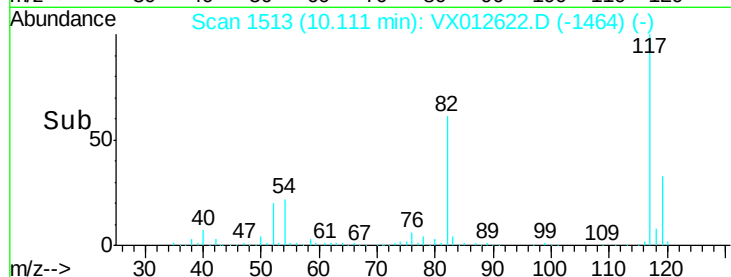
119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

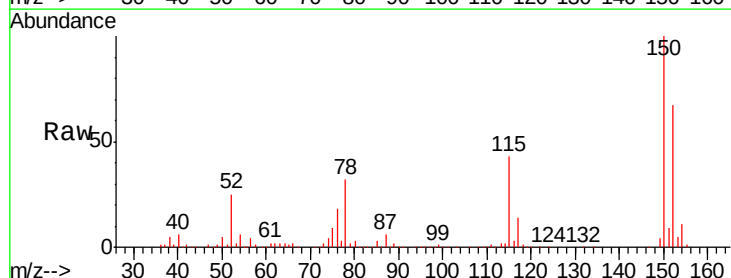
Tgt Ion:152 Resp: 99181

Ion Ratio Lower Upper

152 100

115 64.7 44.1 132.3

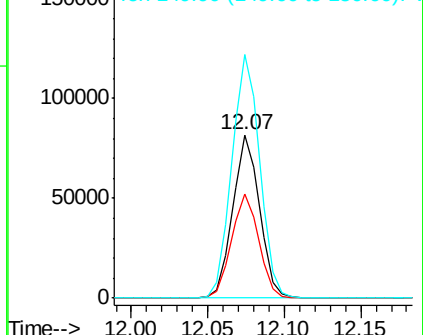
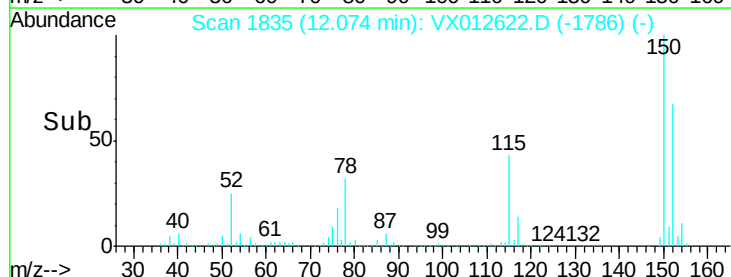
150 155.2 0.0 343.8

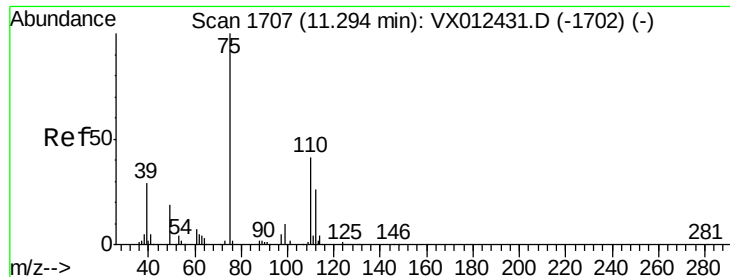


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.826 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

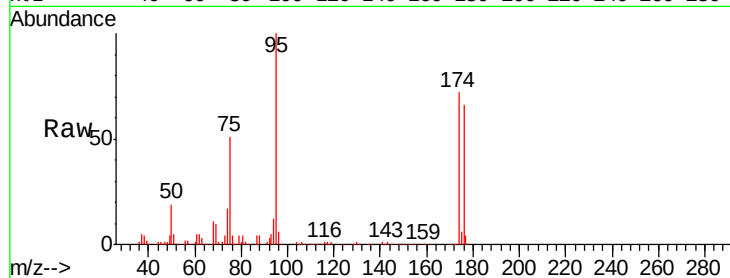
VX0924MBL01

Tgt Ion: 75 Resp: 62509

Ion Ratio Lower Upper

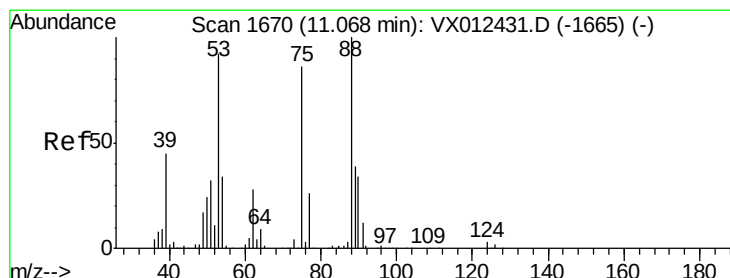
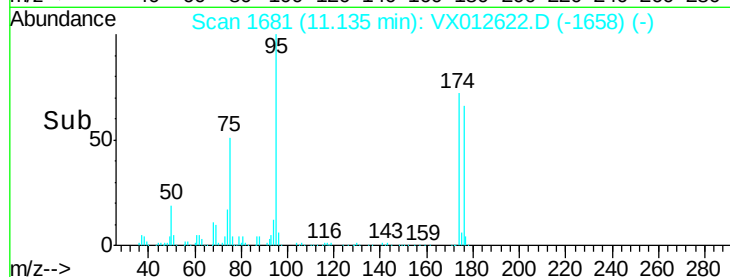
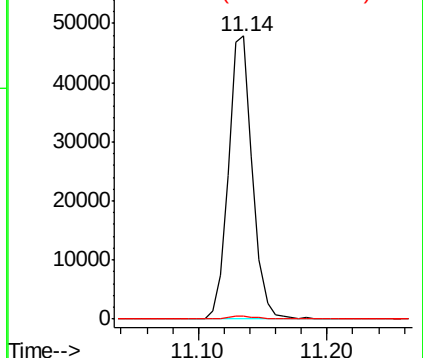
75 100

77 1.1 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 68.279 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012622.D

Acq: 24 Sep 2019 11:03

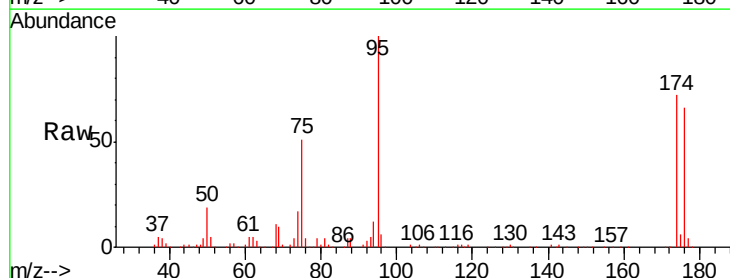
Tgt Ion: 75 Resp: 62509

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

