

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
 Data File : VX011854.D
 Acq On : 27 Aug 2019 16:50
 Operator : JC/SP
 Sample : K4555-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-13

Quant Time: Aug 28 02:24:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	431329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	525685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	249125	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	216071	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
35) Dibromofluoromethane	5.49	113	184677	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	677641	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	246274	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	

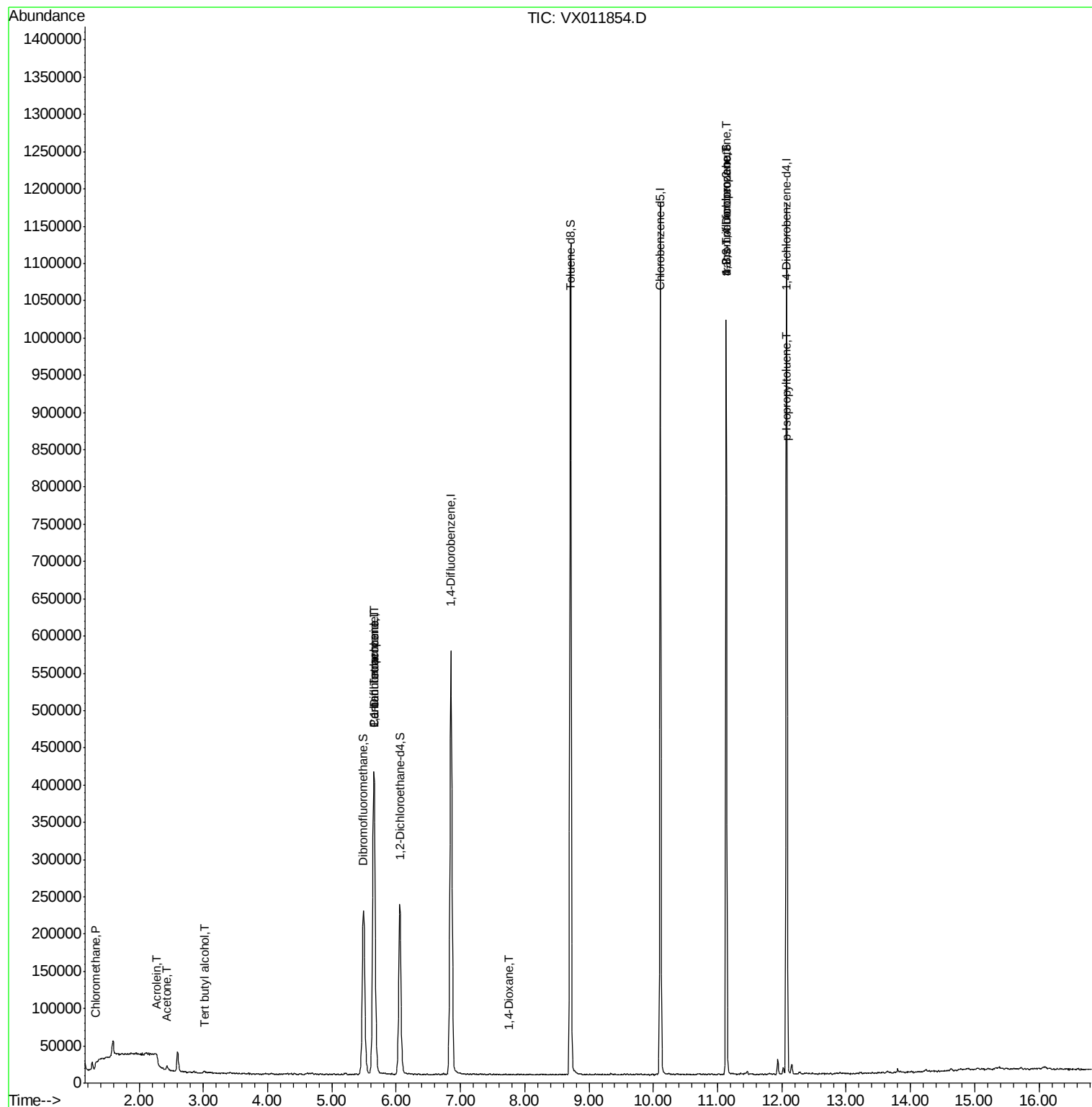
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1281	0.363	ug/l #	83
11) Tert butyl alcohol	3.02	59	2133	2.491	ug/l #	86
13) Acrolein	2.28	56	433	1.308	ug/l #	16
16) Acetone	2.43	43	5580	2.960	ug/l #	82
36) 1,1-Dichloropropene	5.65	75	27492	5.902	ug/l #	49
38) Carbon Tetrachloride	5.65	117	36977	7.005	ug/l #	15
49) 1,4-Dioxane	7.76	88	43	0.391	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	122747	28.080	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	122747	84.683	ug/l #	11
86) p-Isopropyltoluene	12.06	119	4109	0.302	ug/l #	75

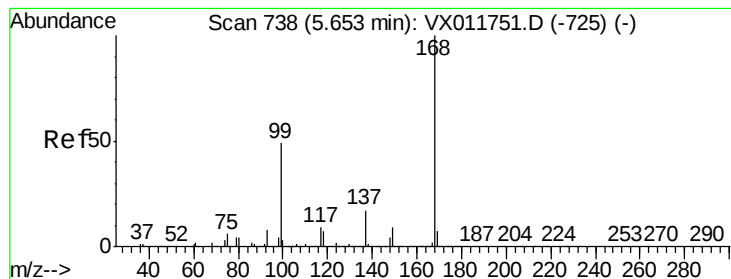
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

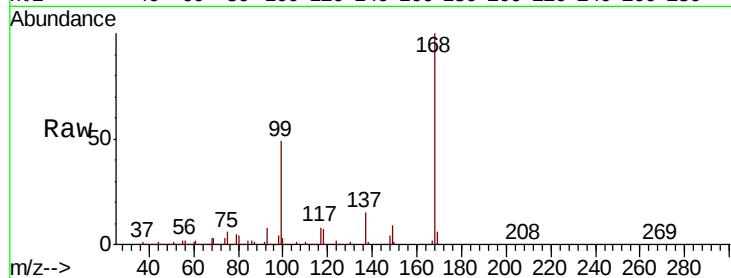
TW-13

Tgt Ion:168 Resp: 431329

Ion Ratio Lower Upper

168 100

99 49.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

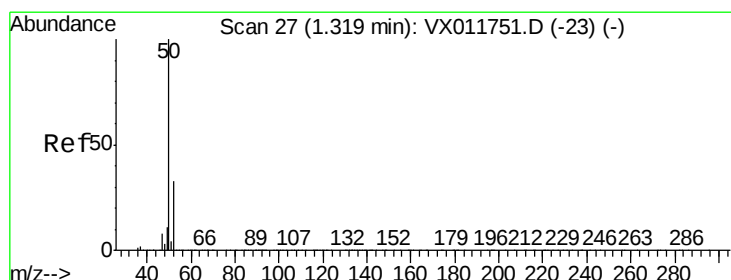
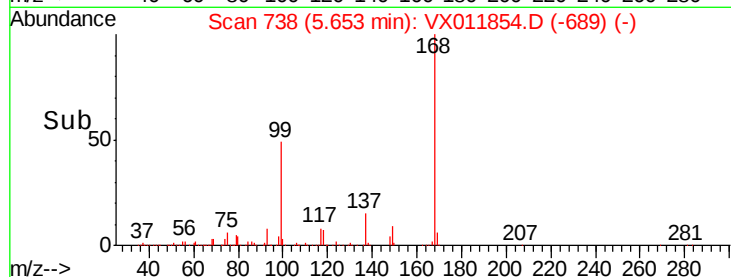
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.363 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011854.D

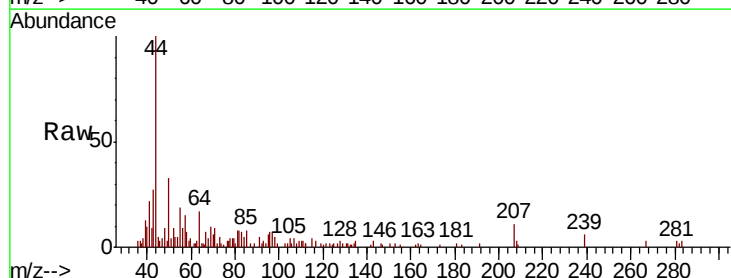
Acq: 27 Aug 2019 16:50

Tgt Ion: 50 Resp: 1281

Ion Ratio Lower Upper

50 100

52 23.7 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

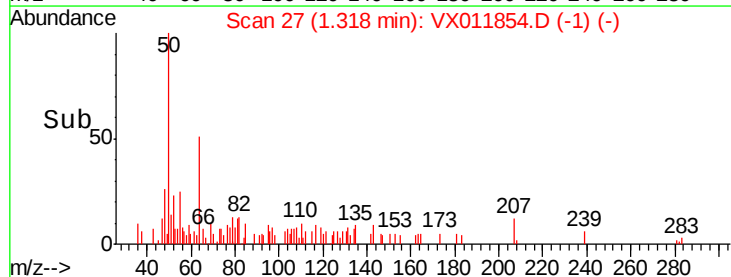
1500

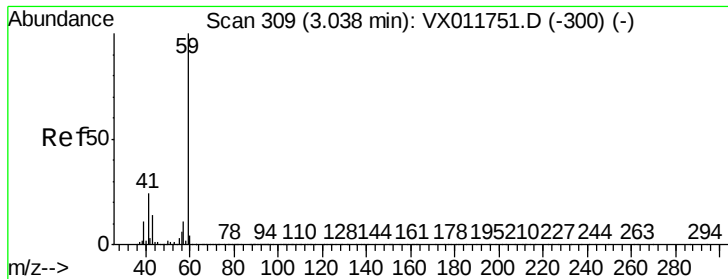
1000

500

0

Time-->

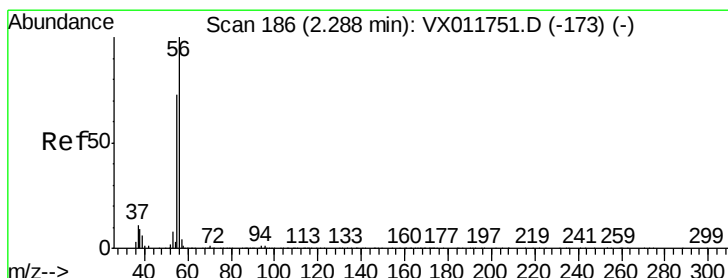
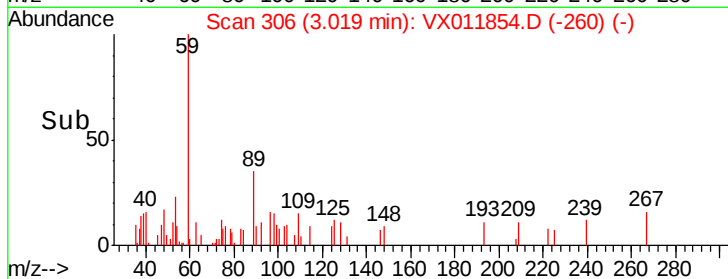
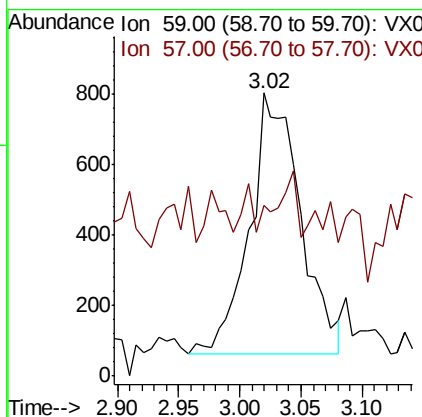
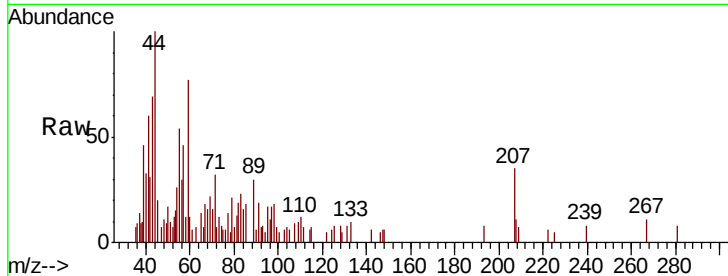




#11
Tert butyl alcohol
Concen: 2.491 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

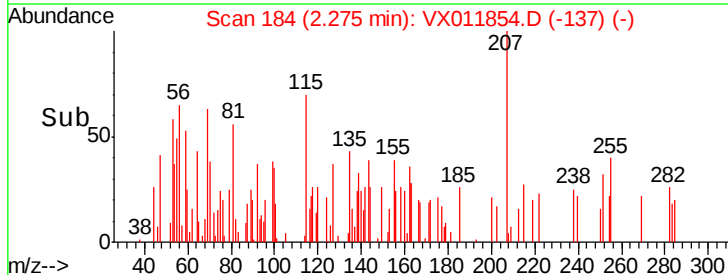
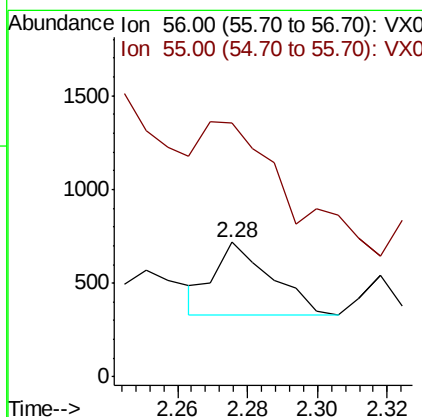
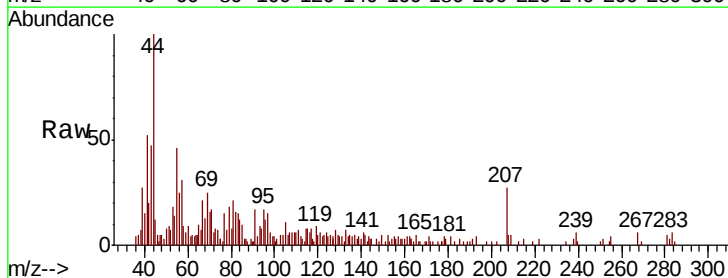
Instrument :
MSVOA_X
ClientSampled :
TW-13

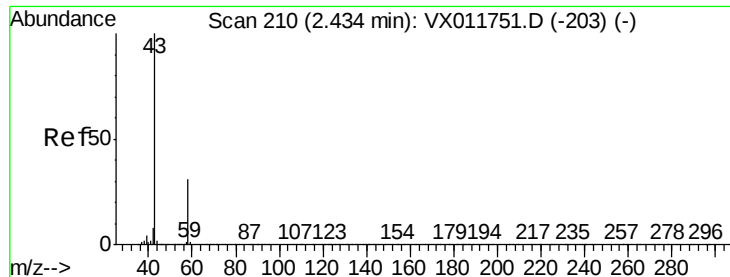
Tgt Ion: 59 Resp: 2133
Ion Ratio Lower Upper
59 100
57 5.2 8.4 12.6#



#13
Acrolein
Concen: 1.308 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

Tgt Ion: 56 Resp: 433
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#





#16

Acetone

Concen: 2.960 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

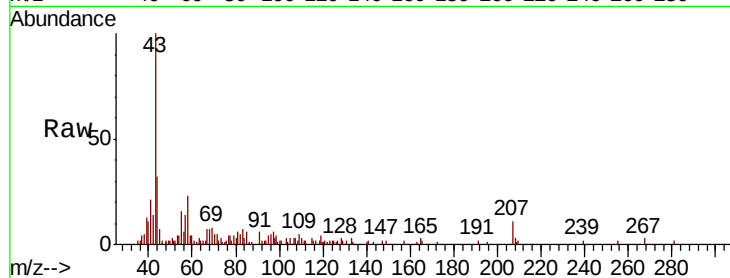
TW-13

Tgt Ion: 43 Resp: 5580

Ion Ratio Lower Upper

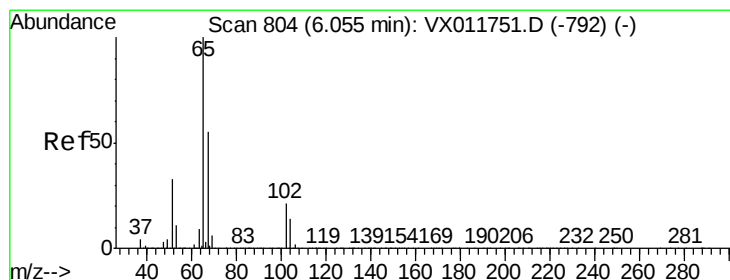
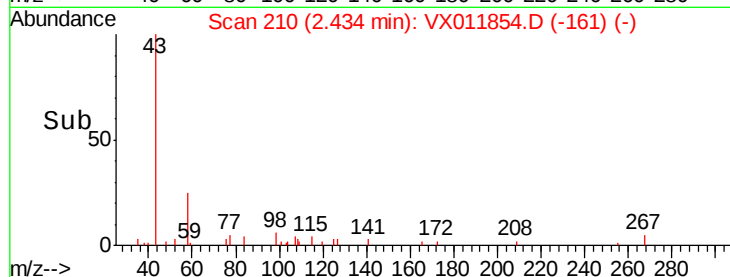
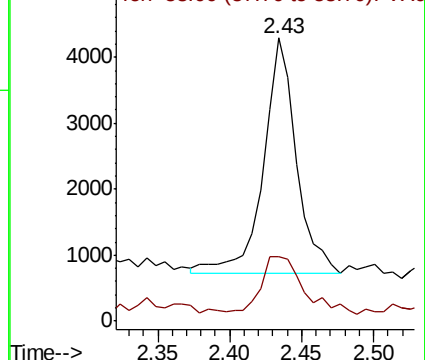
43 100

58 20.6 24.4 36.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.867 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011854.D

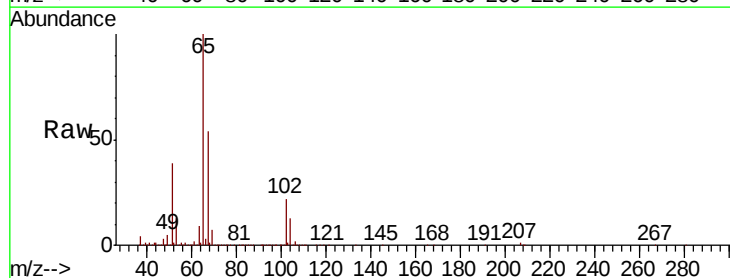
Acq: 27 Aug 2019 16:50

Tgt Ion: 65 Resp: 216071

Ion Ratio Lower Upper

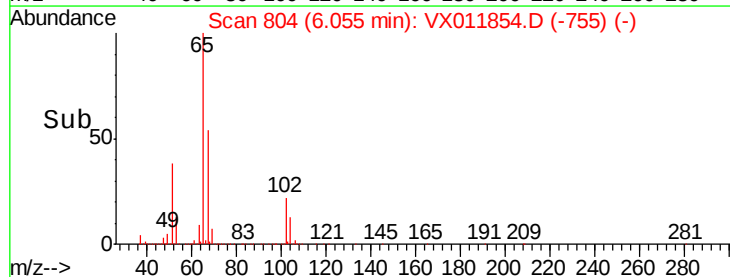
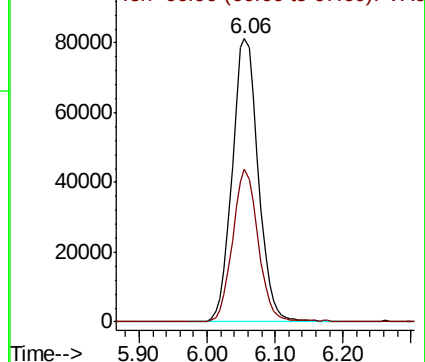
65 100

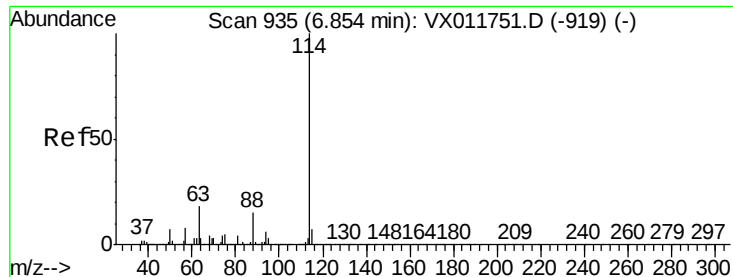
67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

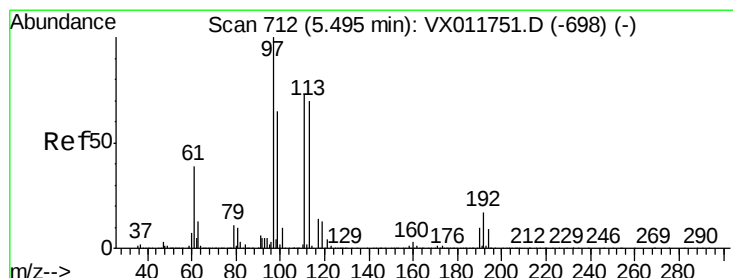
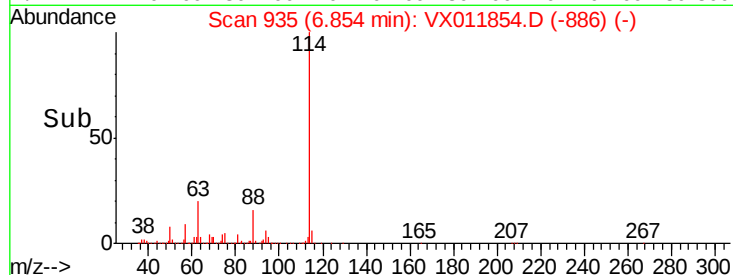
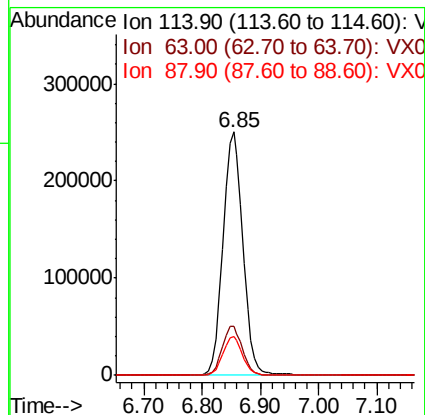
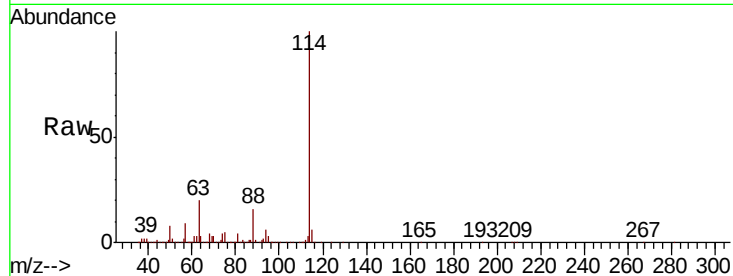
Instrument :

MSVOA_X

ClientSampleId :

TW-13

Tgt Ion:	114	Resp:	593987
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.8
88	15.9	0.0	30.2



#35

Dibromofluoromethane

Concen: 48.081 ug/l

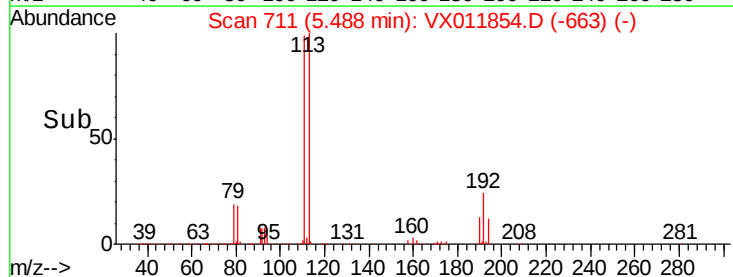
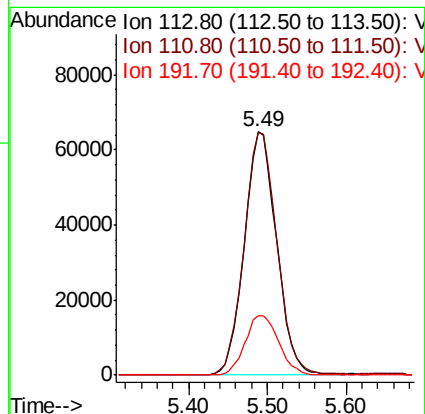
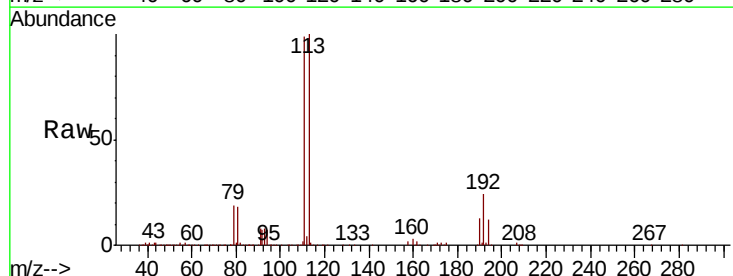
RT: 5.49 min Scan# 711

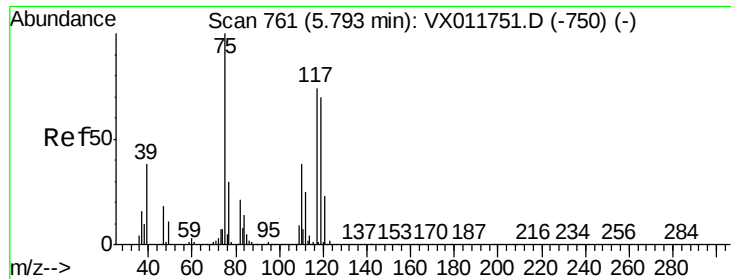
Delta R.T. -0.01 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Tgt Ion:	113	Resp:	184677
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.4
192	25.6	19.9	29.9





#36

1,1-Dichloropropene

Concen: 5.902 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.14 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

TW-13

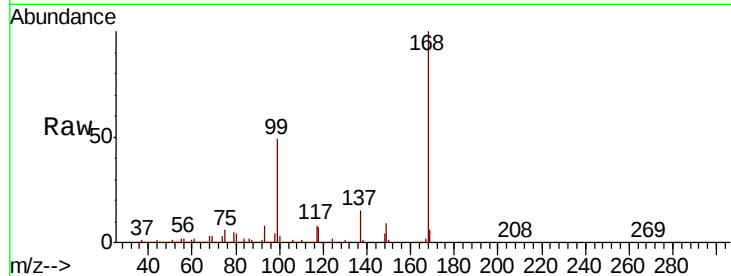
Tgt Ion: 75 Resp: 27492

Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

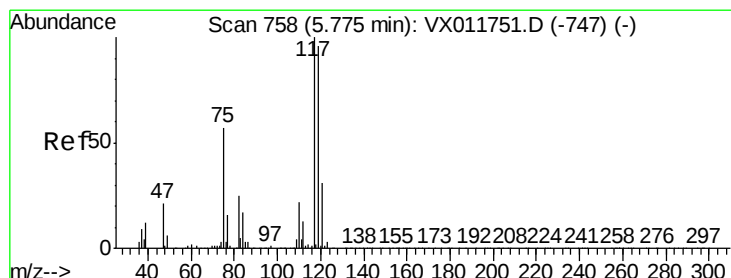
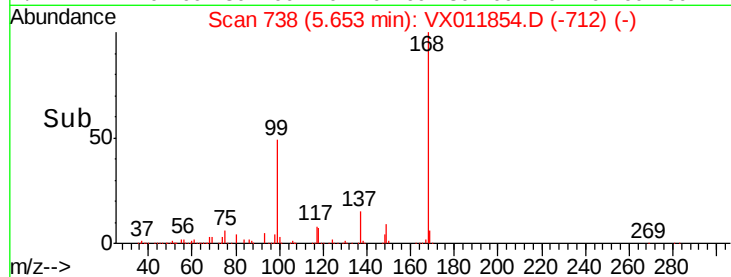
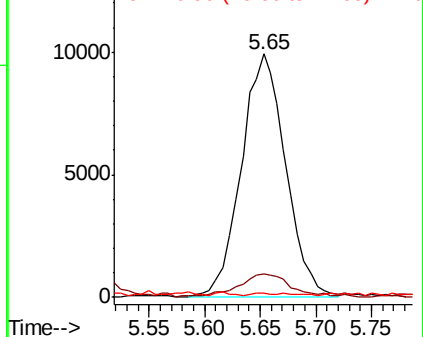
77 0.4 24.6 36.8#



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: 7.005 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.12 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

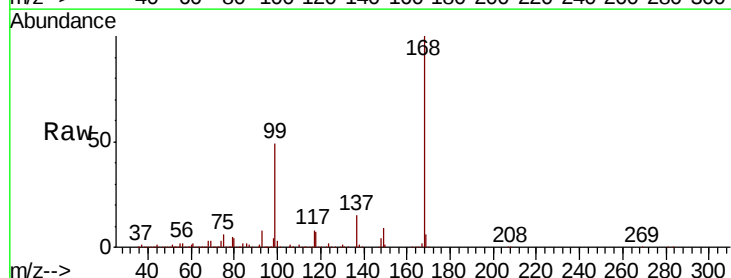
Tgt Ion: 117 Resp: 36977

Ion Ratio Lower Upper

117 100

119 3.7 76.6 114.8#

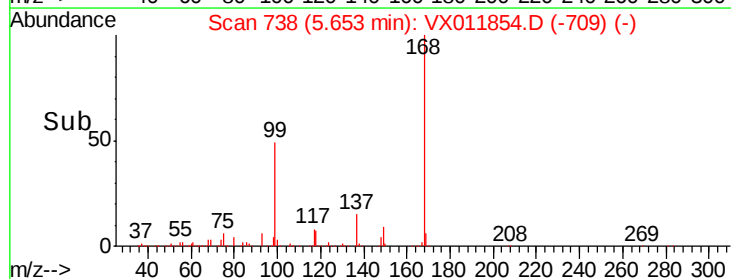
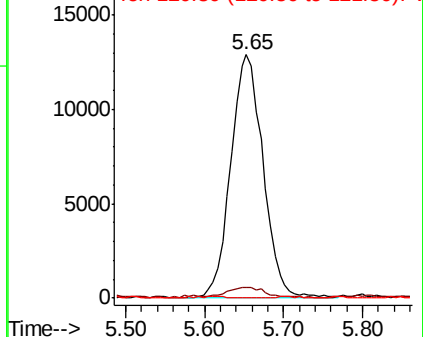
121 0.0 25.2 37.8#

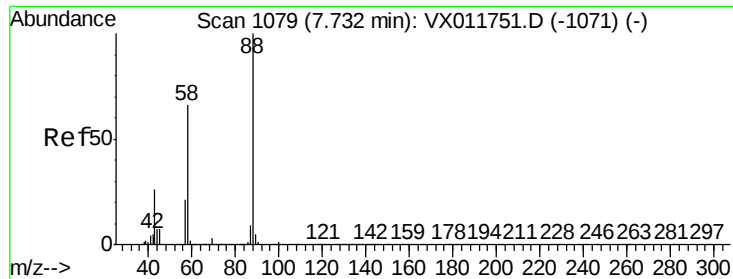


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

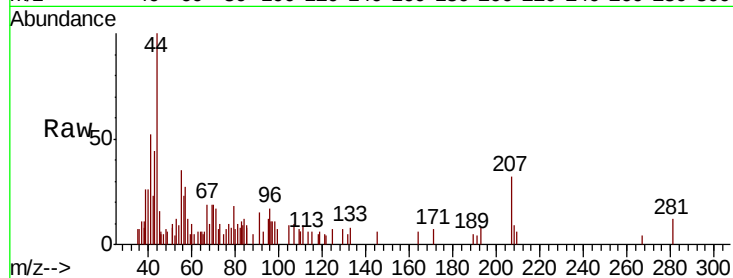




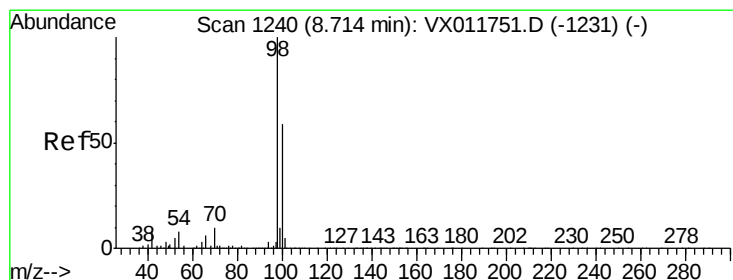
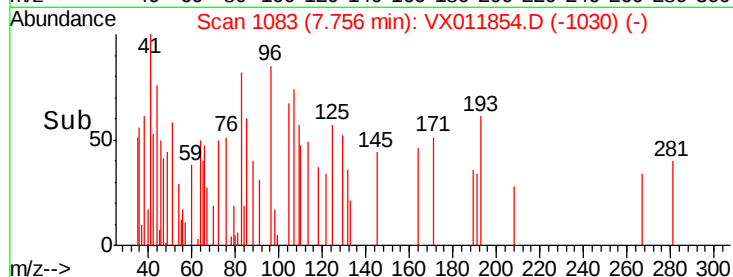
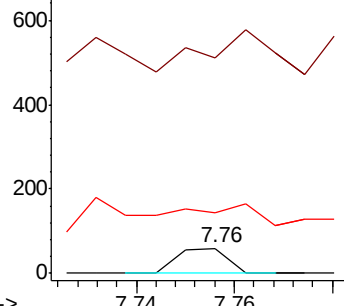
#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

Instrument :
MSVOA_X
ClientSampled :
TW-13

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 220.9 24.6 37.0#
58 60.5 51.4 77.2

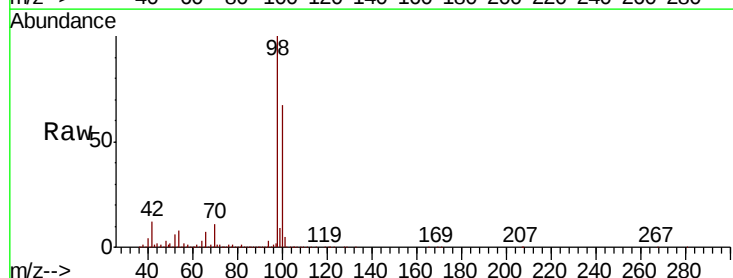


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

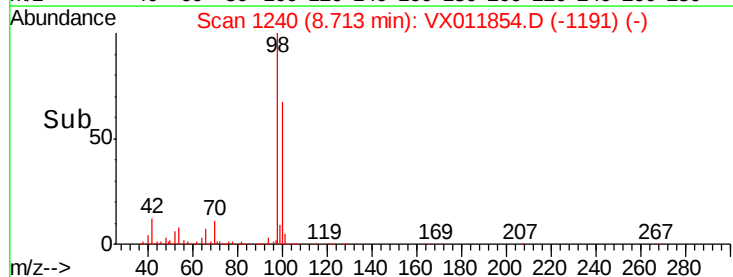
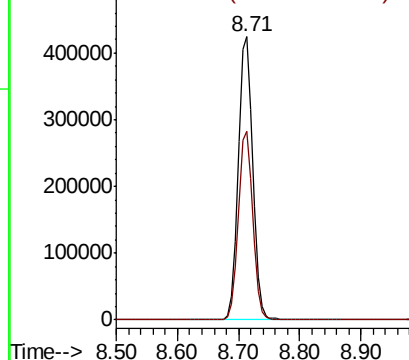


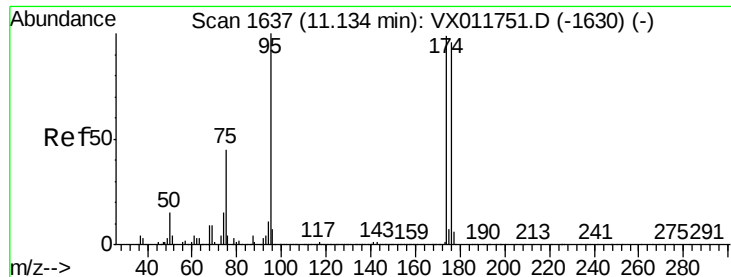
#50
Toluene-d8
Concen: 50.580 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

Tgt Ion: 98 Resp: 677641
Ion Ratio Lower Upper
98 100
100 66.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.507 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

TW-13

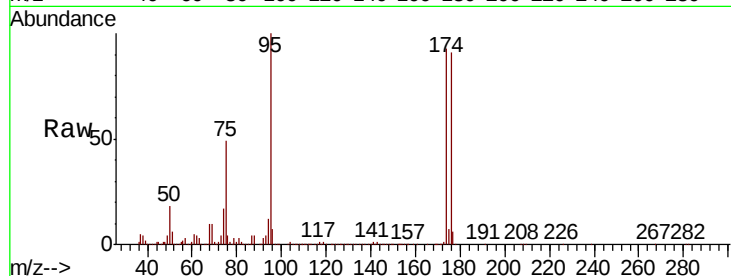
Tgt Ion: 95 Resp: 246274

Ion Ratio Lower Upper

95 100

174 95.1 0.0 197.4

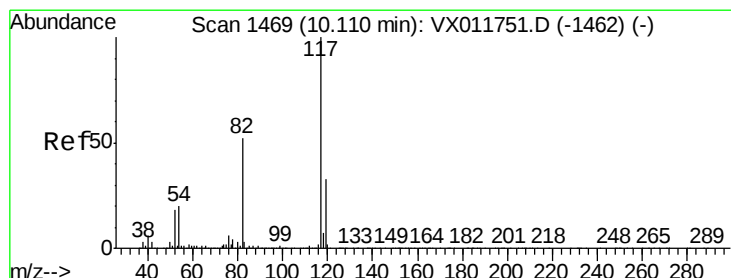
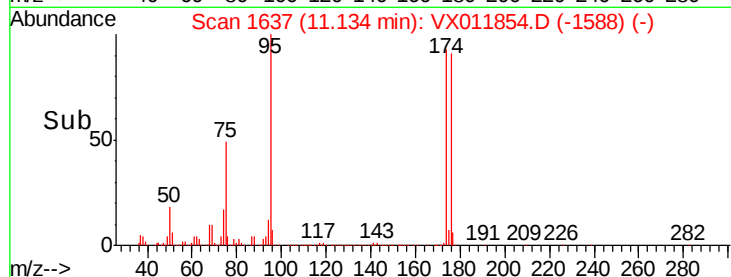
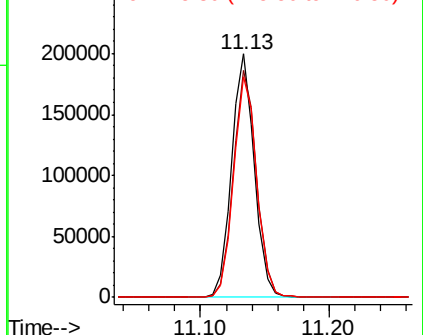
176 92.8 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

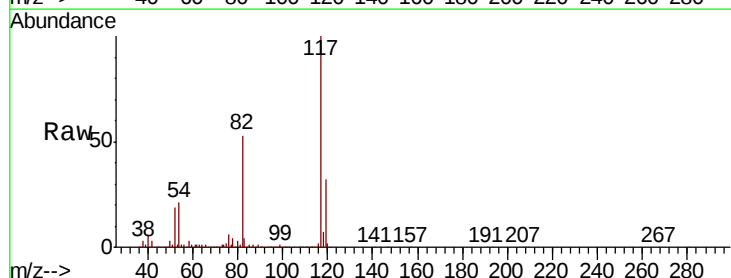
Tgt Ion: 117 Resp: 525685

Ion Ratio Lower Upper

117 100

82 52.9 41.7 62.5

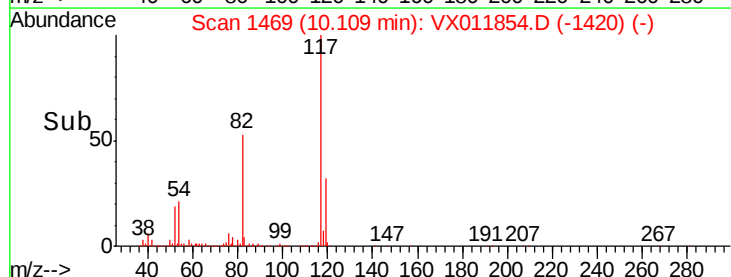
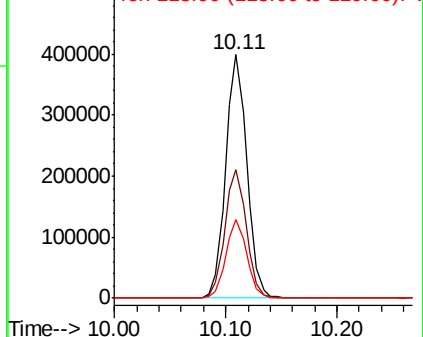
119 32.4 26.2 39.2

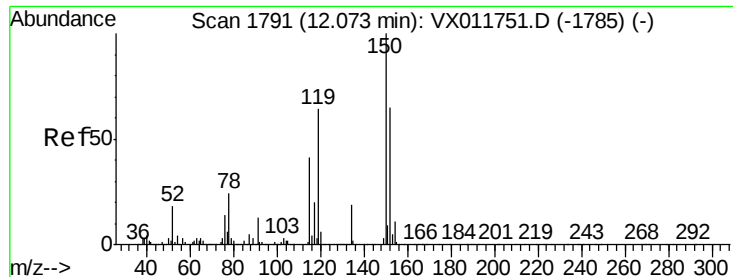


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1791

Delta R.T. -0.00 min

Lab File: VX011854.D

Acq: 27 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

TW-13

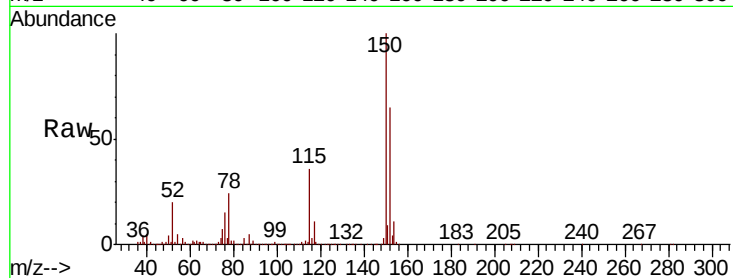
Tgt Ion: 152 Resp: 249125

Ion Ratio Lower Upper

152 100

115 54.3 37.3 111.8

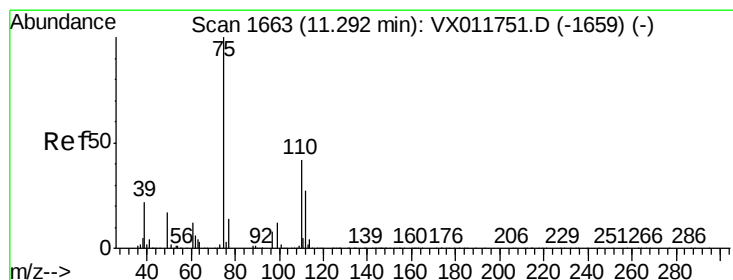
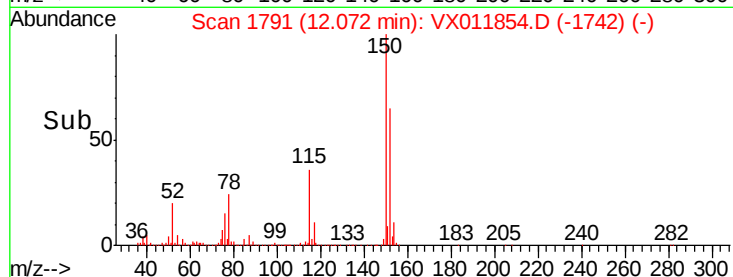
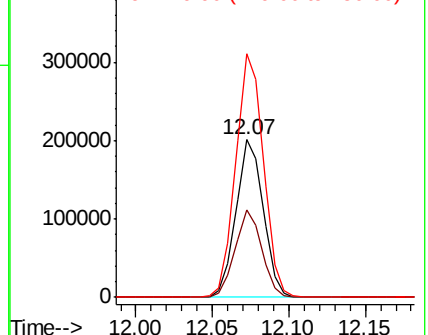
150 157.1 0.0 343.0



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: 28.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011854.D

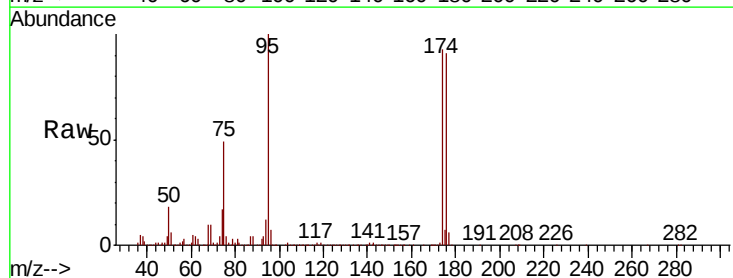
Acq: 27 Aug 2019 16:50

Tgt Ion: 75 Resp: 122747

Ion Ratio Lower Upper

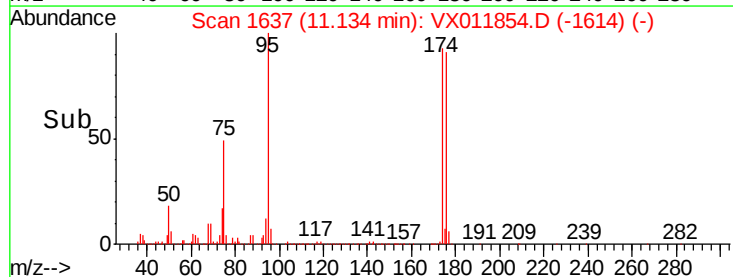
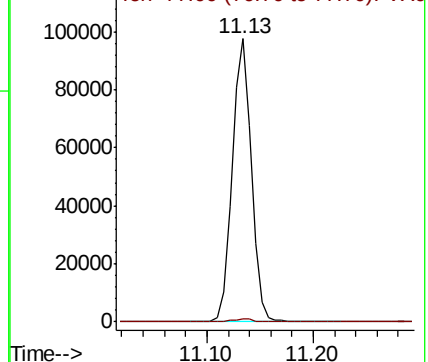
75 100

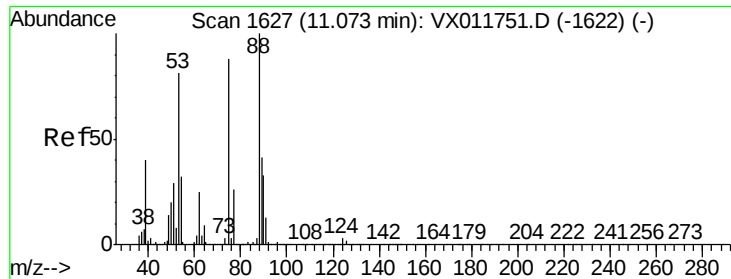
77 1.2 21.1 63.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

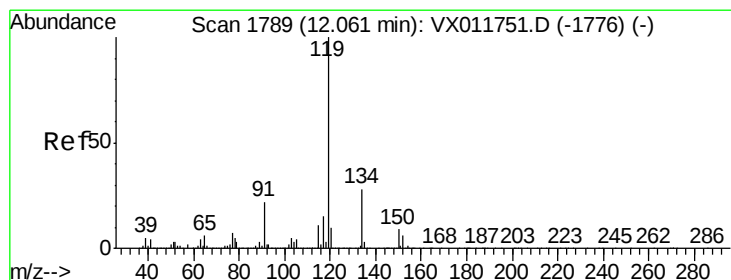
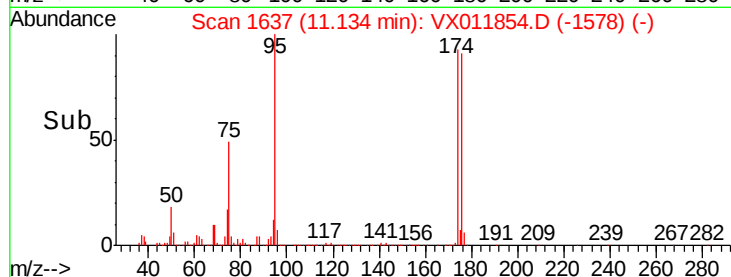
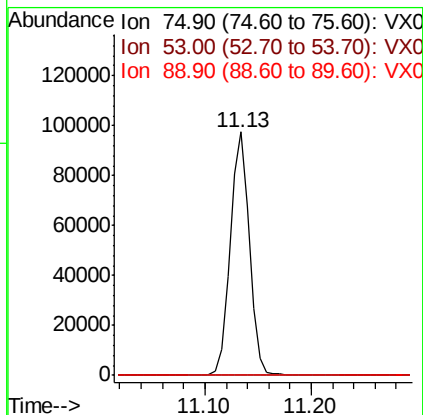
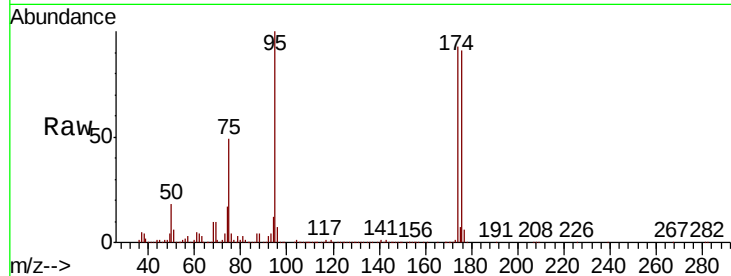




#81
trans-1,4-Dichloro-2-butene
Concen: 84.683 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
TW-13

Tgt Ion: 75 Resp: 122747
Ion Ratio Lower Upper
75 100
53 0.1 77.1 115.7#
89 0.0 38.5 57.7#



#86
p-Isopropyltoluene
Concen: 0.302 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011854.D
Acq: 27 Aug 2019 16:50

Tgt Ion: 119 Resp: 4109
Ion Ratio Lower Upper
119 100
134 37.1 13.7 41.0
91 38.1 11.1 33.3#

