

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007009.D
 Acq On : 11 Jan 2019 13:17
 Operator : JC/SP
 Sample : K1006-17
 Misc : 5.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-I

Quant Time: Jan 11 13:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

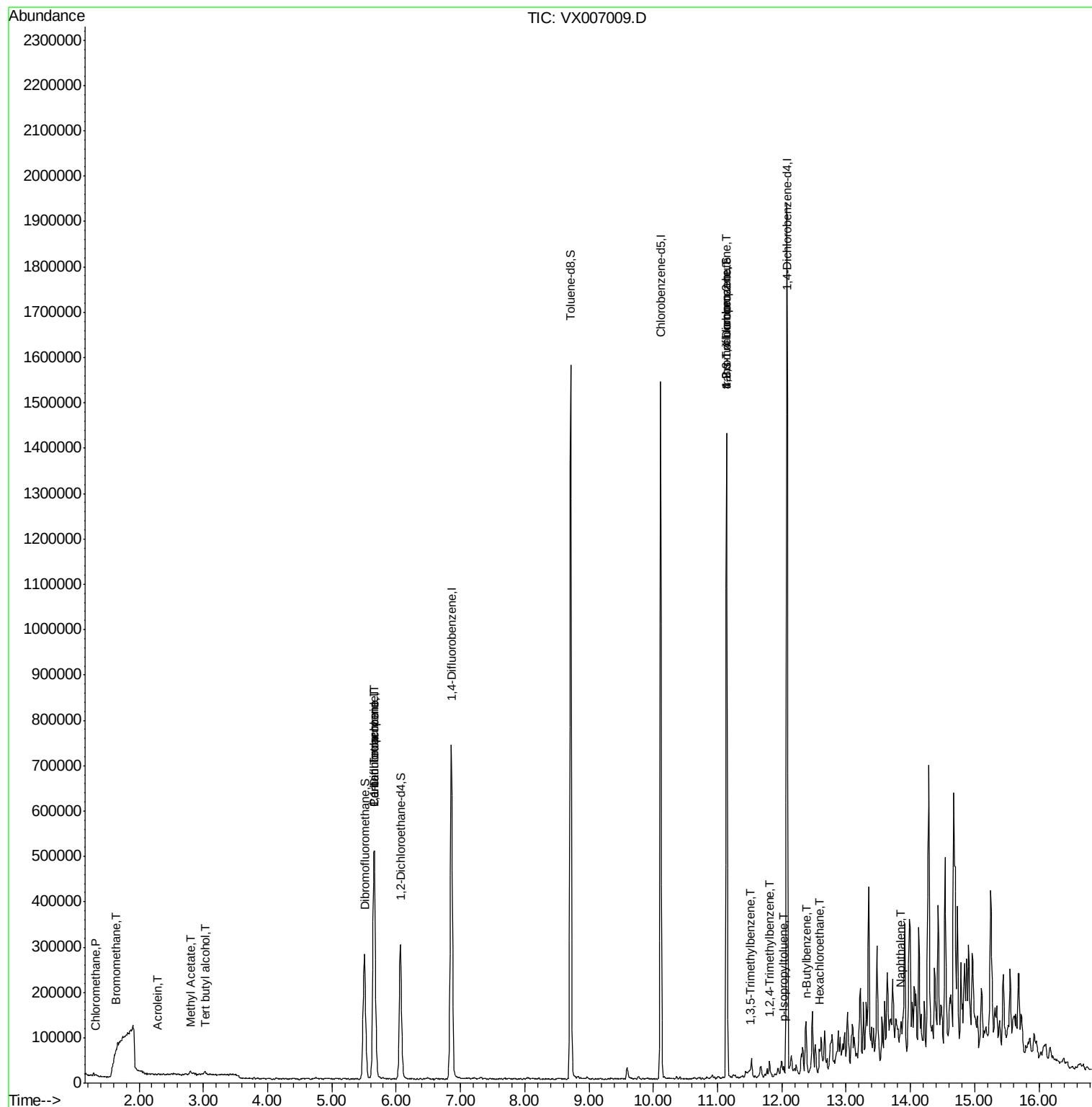
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	530769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	807653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	744947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	273227	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.51	113	228088	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
50) Toluene-d8	8.71	98	947993	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	351945	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1069	0.211	ug/l #	83
5) Bromomethane	1.64	94	1719	0.295	ug/l #	64
11) Tert butyl alcohol	3.03	59	4094	3.129	ug/l	95
13) Acrolein	2.29	56	167	3.376	ug/l #	13
18) Methyl Acetate	2.81	43	9510	1.198	ug/l	96
20) Methylene Chloride	2.84	84	2370	Below Cal	#	63
36) 1,1-Dichloropropene	5.65	75	32572	4.639	ug/l #	50
38) Carbon Tetrachloride	5.65	117	45806	6.484	ug/l #	16
49) 1,4-Dioxane	7.75	88	83	Below Cal	#	27
76) 1,2,3-Trichloropropane	11.14	75	164775	19.744	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.51	105	6257	0.258	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.14	75	164775	58.859	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	13371	0.548	ug/l	93
86) p-Isopropyltoluene	12.02	119	5550	0.215	ug/l	89
89) n-Butylbenzene	12.39	91	14983	0.680	ug/l #	33
90) Hexachloroethane	12.59	117	2172	3.404	ug/l #	6
95) Naphthalene	13.83	128	33124	1.116	ug/l #	84

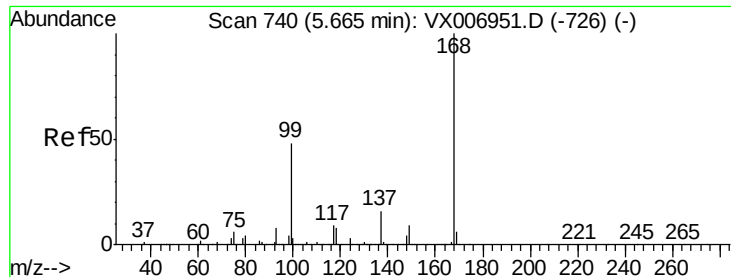
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

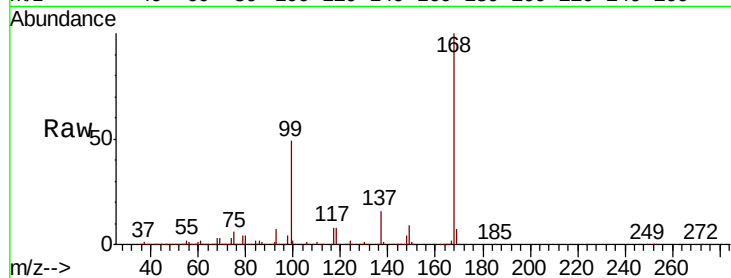
JC-03-010819-I

Tgt Ion:168 Resp: 530769

Ion Ratio Lower Upper

168 100

99 49.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

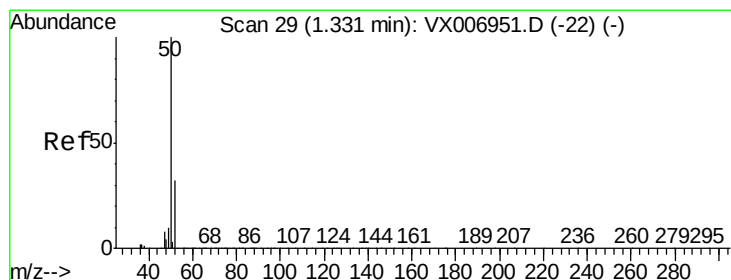
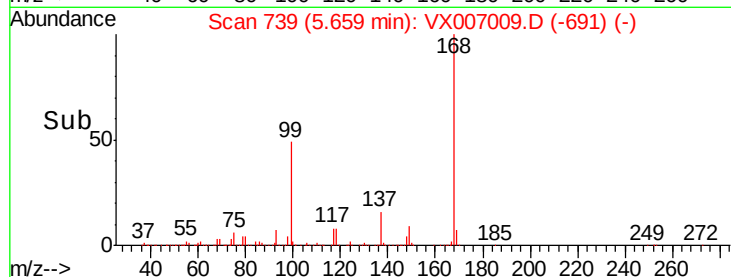
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.211 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007009.D

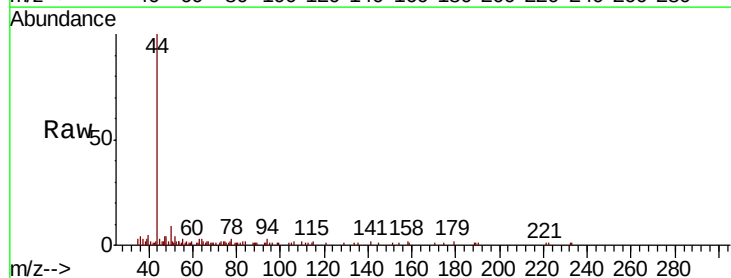
Acq: 11 Jan 2019 13:17

Tgt Ion: 50 Resp: 1069

Ion Ratio Lower Upper

50 100

52 41.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

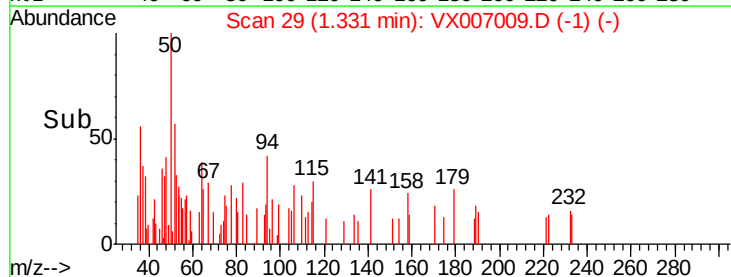
400

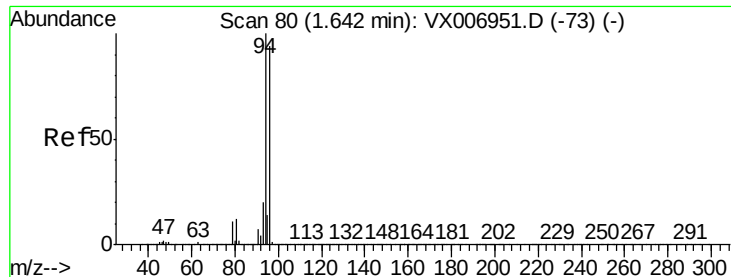
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.295 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

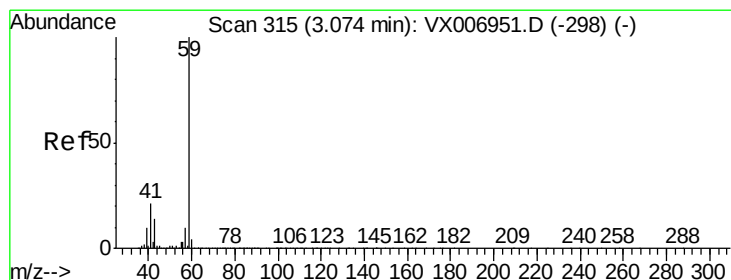
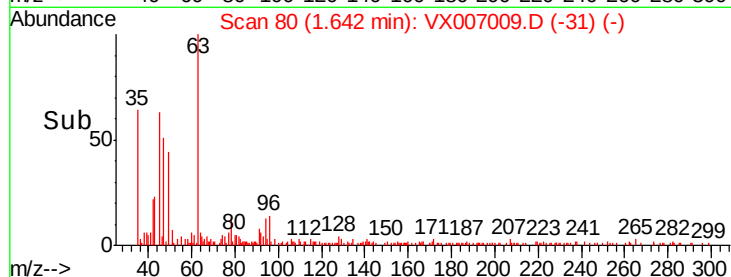
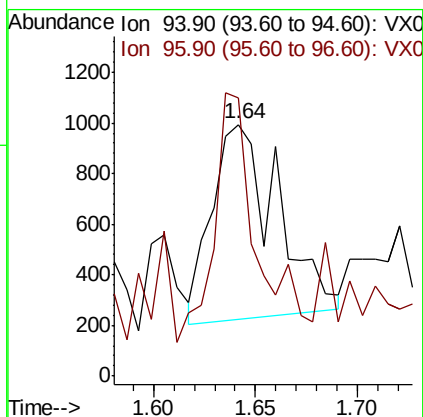
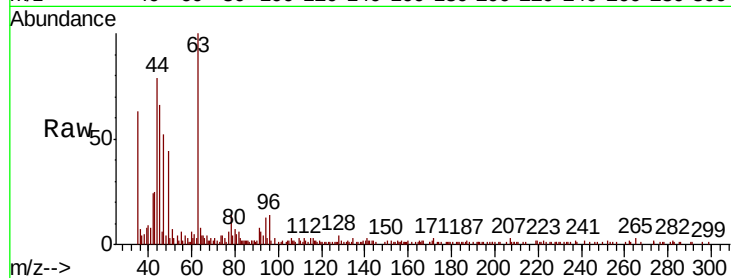
JC-03-010819-I

Tgt Ion: 94 Resp: 1719

Ion Ratio Lower Upper

94 100

96 126.3 73.4 110.2#



#11

Tert butyl alcohol

Concen: 3.129 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007009.D

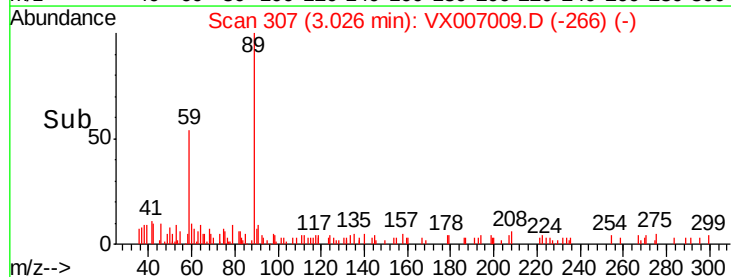
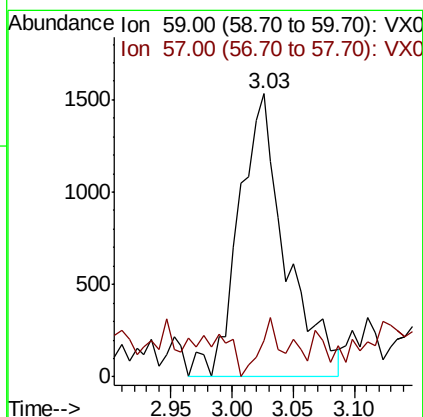
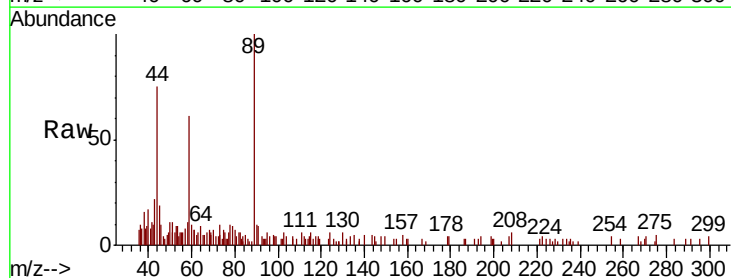
Acq: 11 Jan 2019 13:17

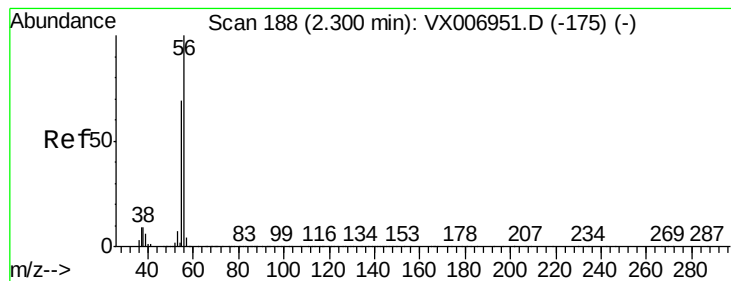
Tgt Ion: 59 Resp: 4094

Ion Ratio Lower Upper

59 100

57 8.5 8.5 12.7





#13

Acrolein

Concen: 3.376 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

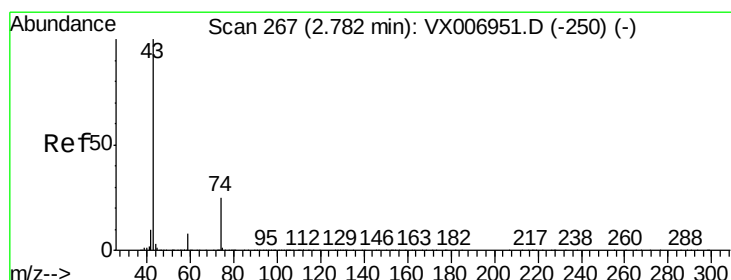
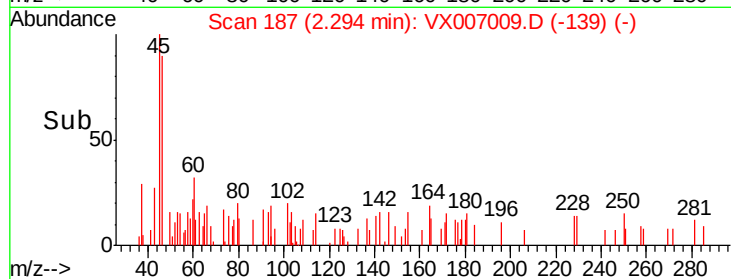
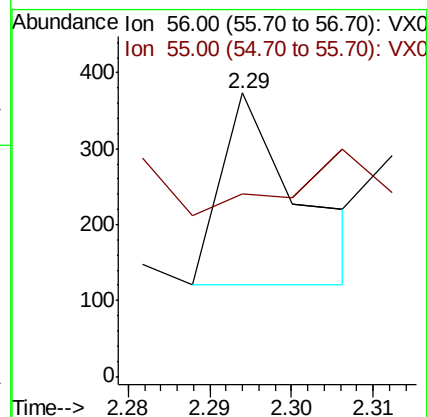
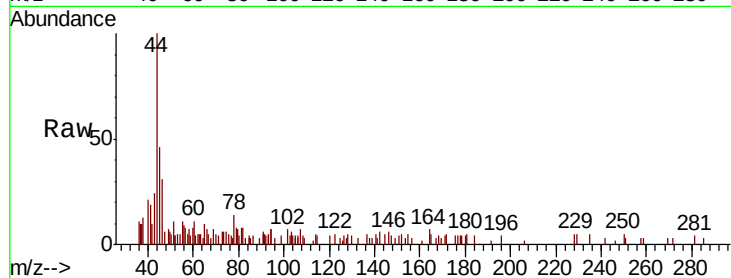
JC-03-010819-I

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#18

Methyl Acetate

Concen: 1.198 ug/l

RT: 2.81 min Scan# 271

Delta R.T. 0.02 min

Lab File: VX007009.D

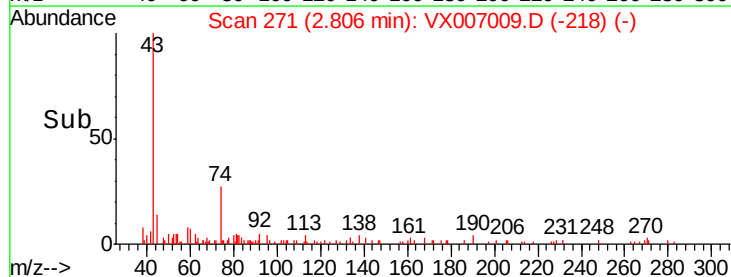
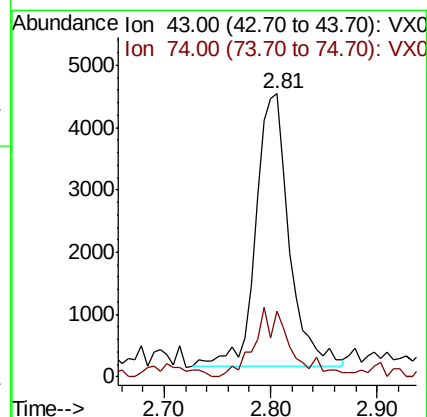
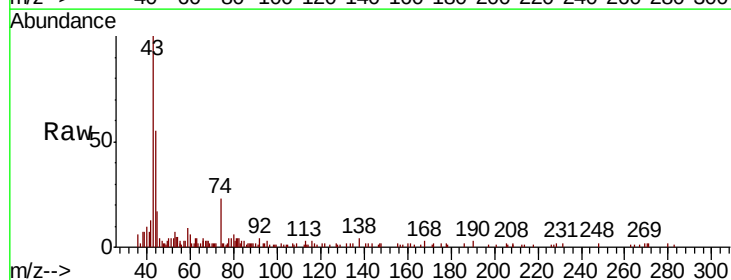
Acq: 11 Jan 2019 13:17

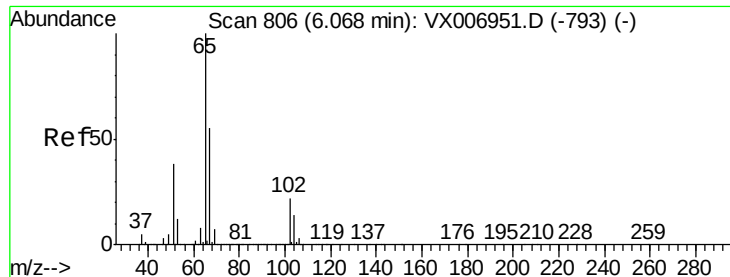
Tgt Ion: 43 Resp: 9510

Ion Ratio Lower Upper

43 100

74 25.1 18.6 28.0

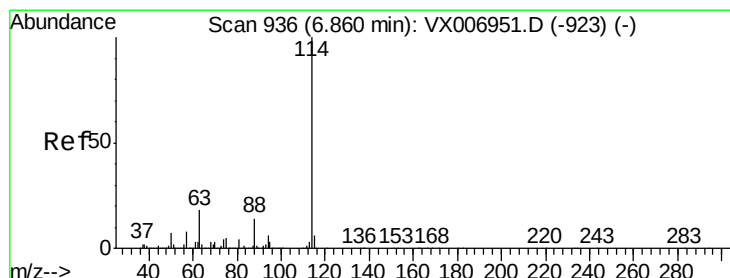
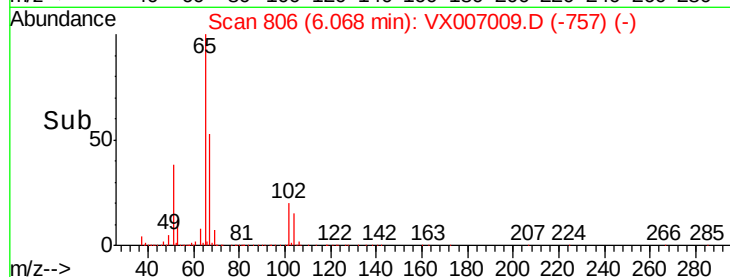
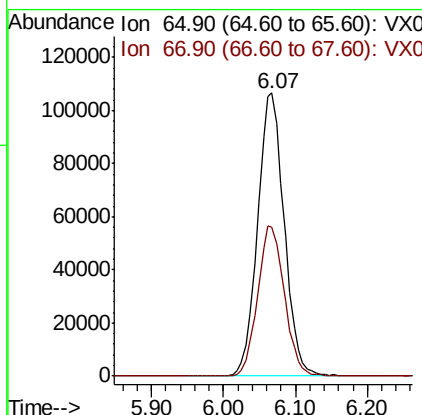
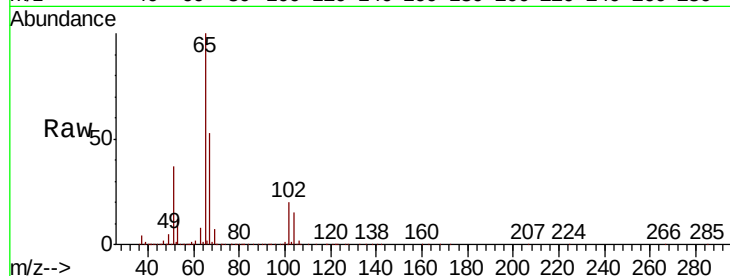




#33
 1,2-Dichloroethane-d4
 Concen: 49.257 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007009.D
 Acq: 11 Jan 2019 13:17

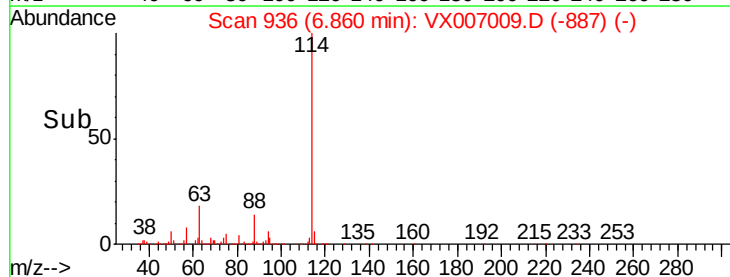
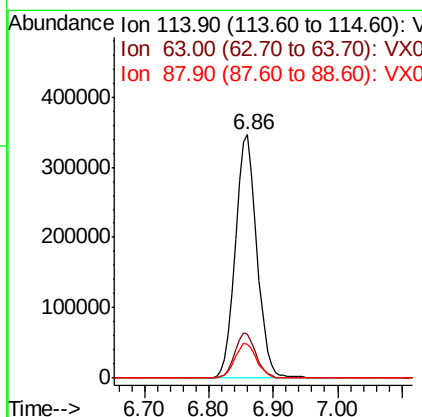
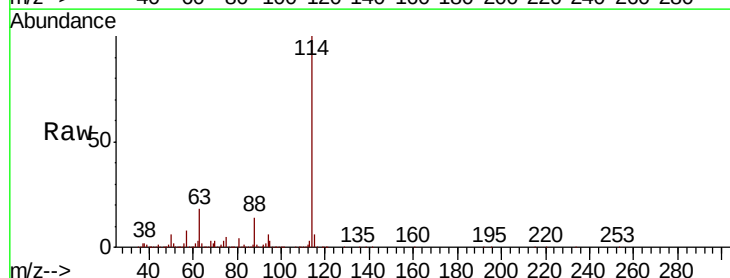
Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-I

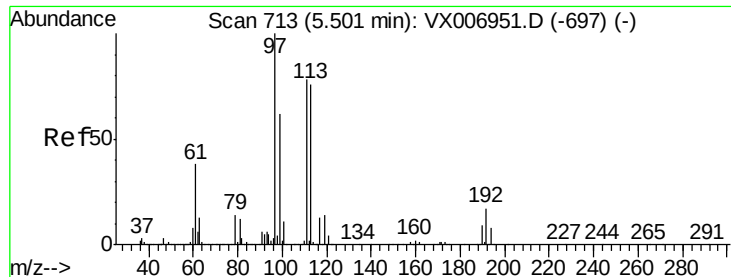
Tgt Ion: 65 Resp: 273227
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007009.D
 Acq: 11 Jan 2019 13:17

Tgt Ion: 114 Resp: 807653
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 44.099 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-I

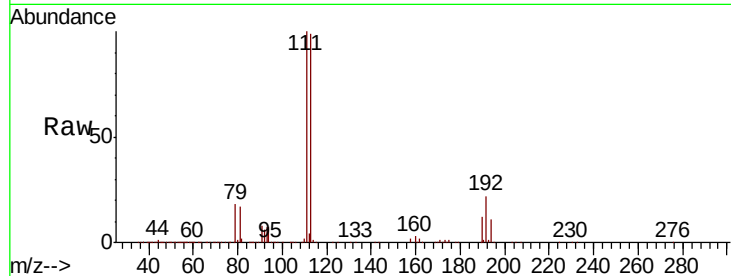
Tgt Ion:113 Resp: 228088

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

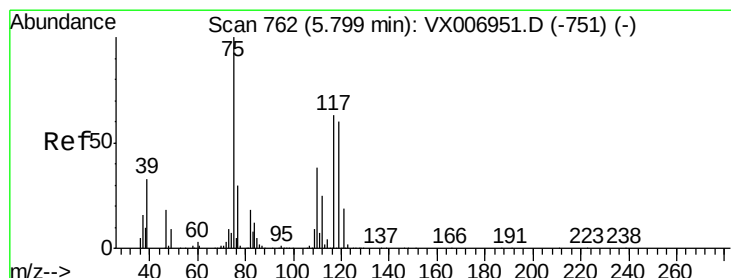
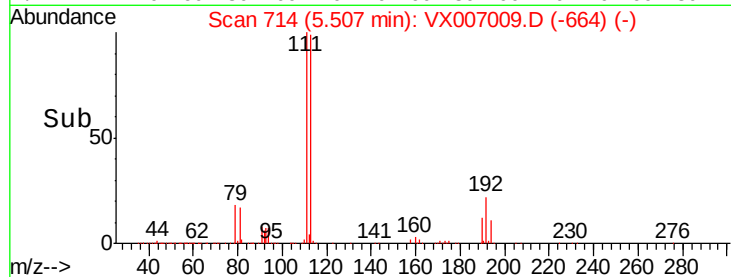
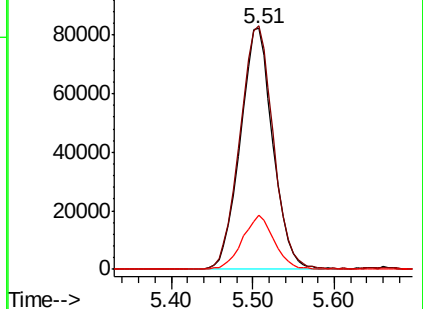
192 22.0 16.7 25.1



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: 4.639 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

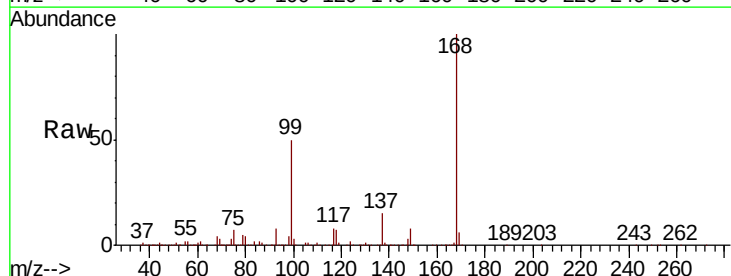
Tgt Ion: 75 Resp: 32572

Ion Ratio Lower Upper

75 100

110 11.5 20.2 60.5#

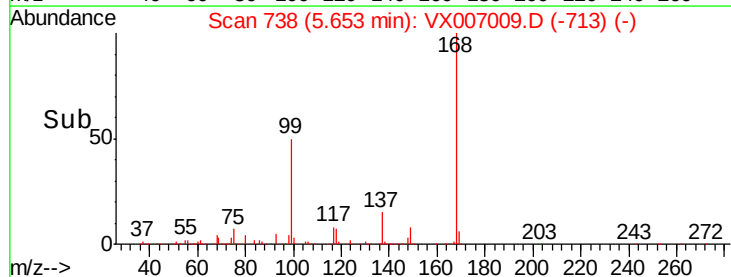
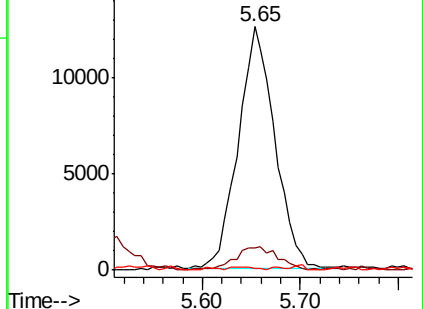
77 0.5 24.8 37.2#

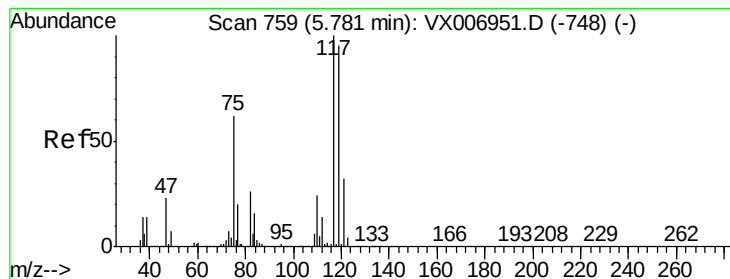


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.484 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-I

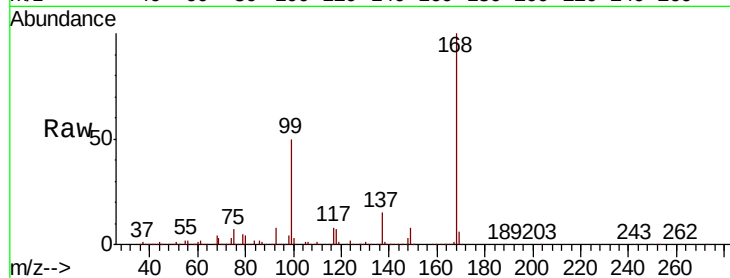
Tgt Ion: 117 Resp: 45806

Ion Ratio Lower Upper

117 100

119 7.5 79.4 119.2#

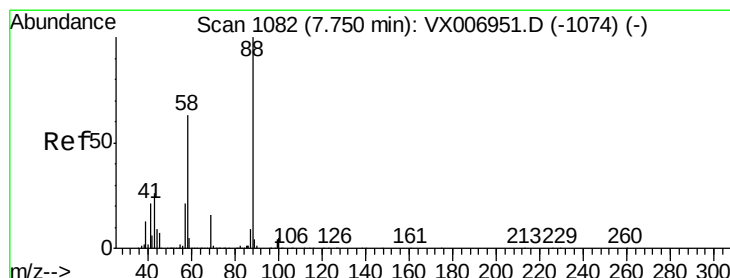
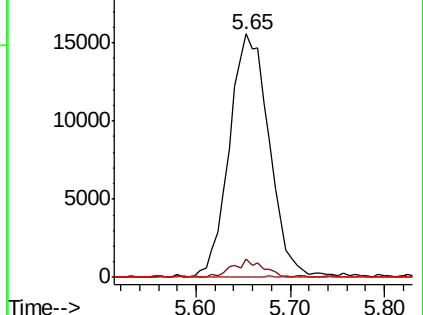
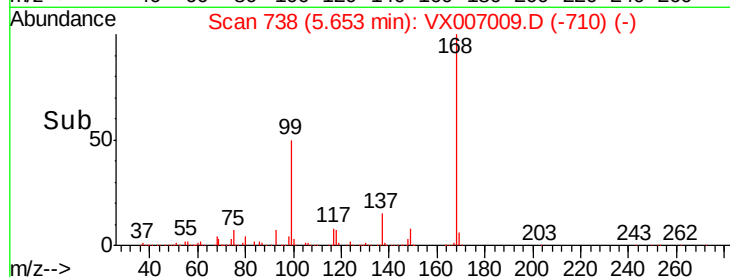
121 0.0 24.0 36.0#



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: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

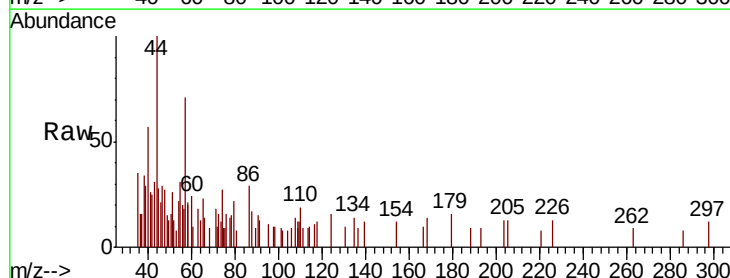
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

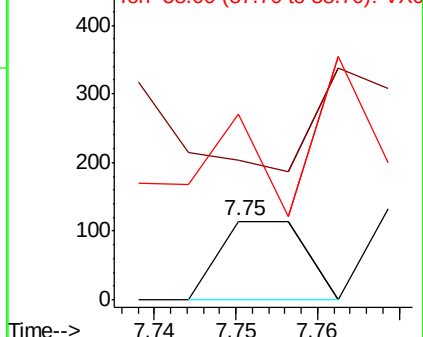
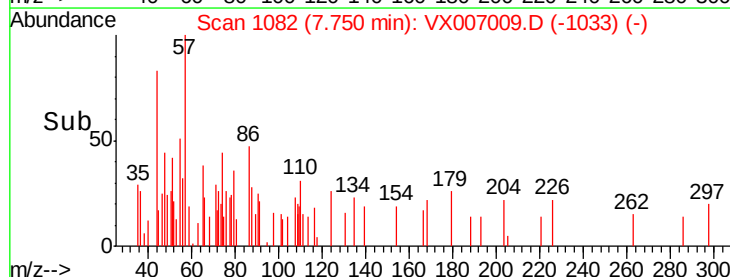
58 0.0 51.0 76.4#

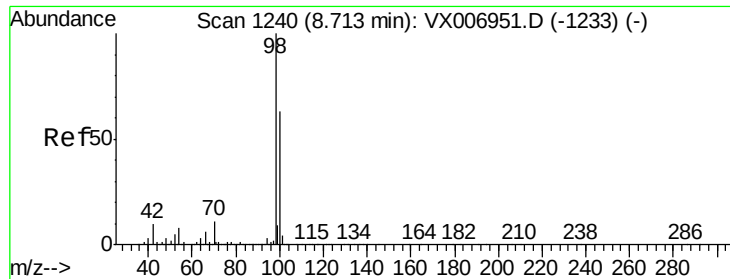


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

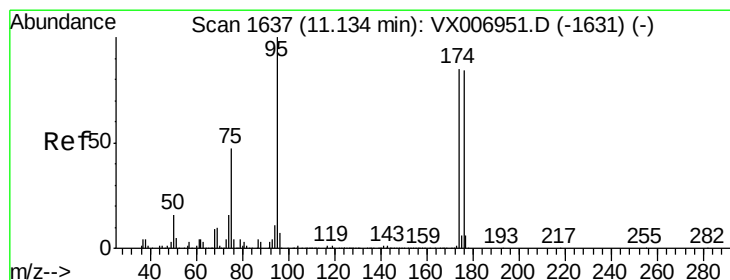
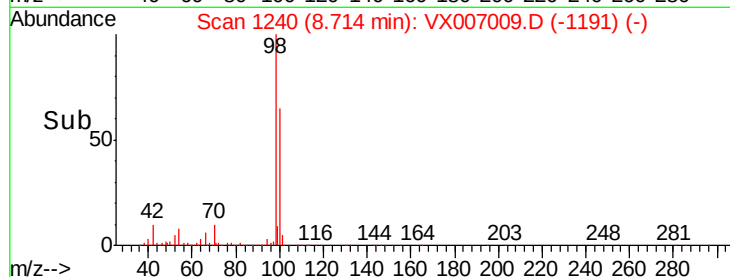
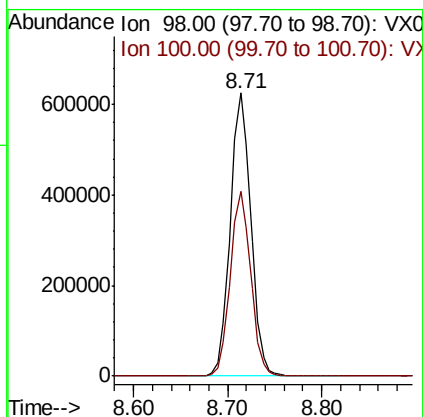
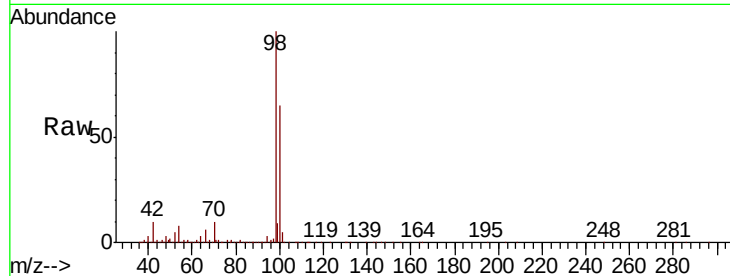




#50
Toluene-d8
Concen: 50.074 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007009.D
Acq: 11 Jan 2019 13:17

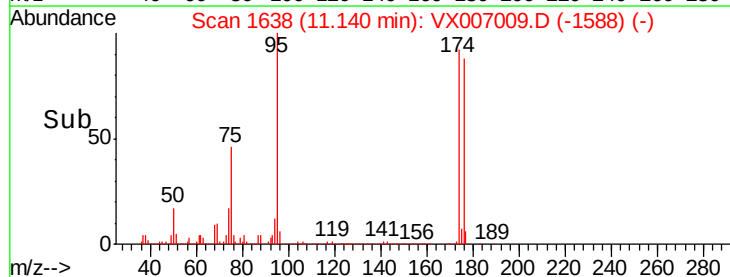
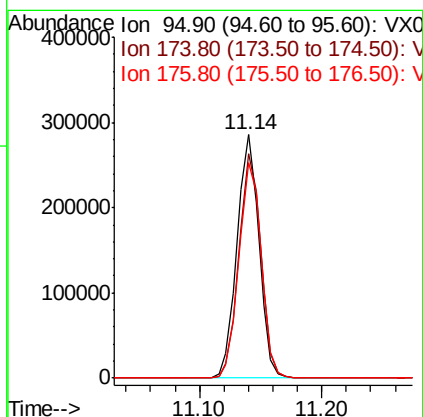
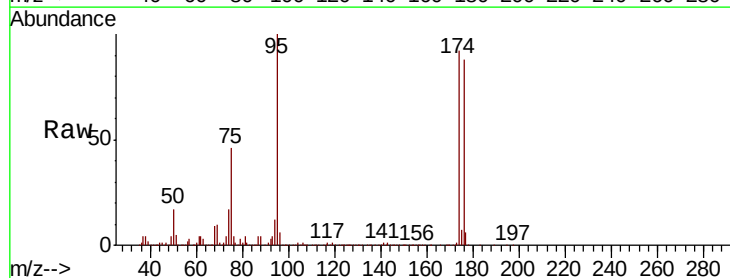
Instrument :
MSVOA_X
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JC-03-010819-I

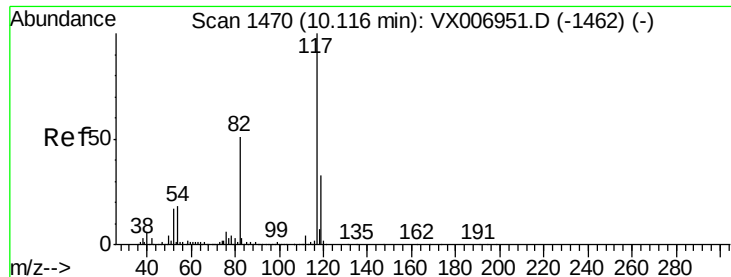
Tgt Ion: 98 Resp: 947993
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.325 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX007009.D
Acq: 11 Jan 2019 13:17

Tgt Ion: 95 Resp: 351945
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.2
176 90.5 0.0 178.8

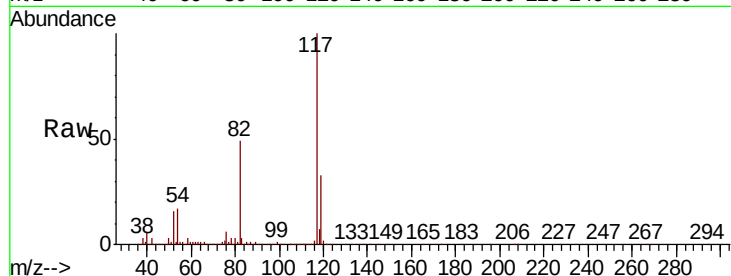




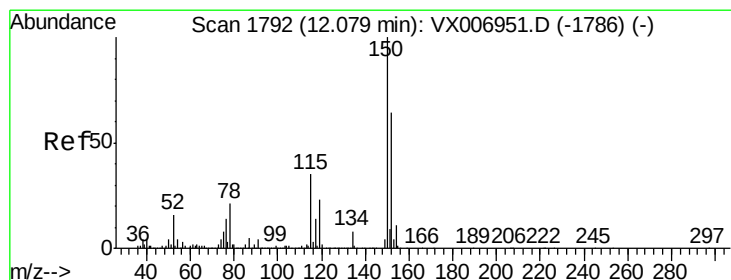
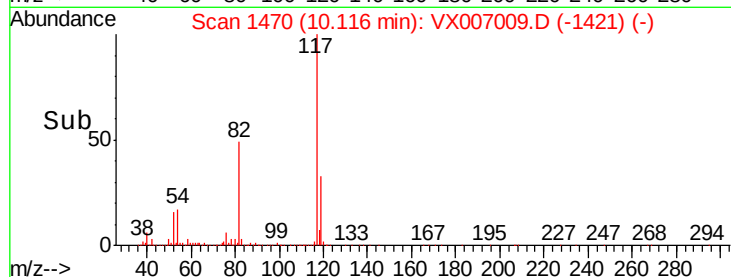
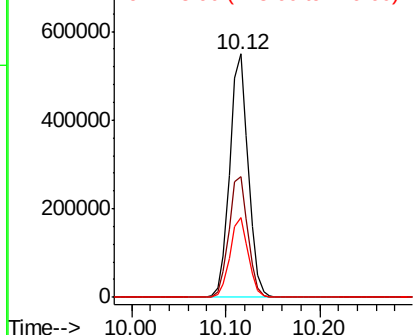
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007009.D
Acq: 11 Jan 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-I

Tgt Ion:117 Resp: 744947
Ion Ratio Lower Upper
117 100
82 49.5 41.0 61.6
119 32.8 25.4 38.0

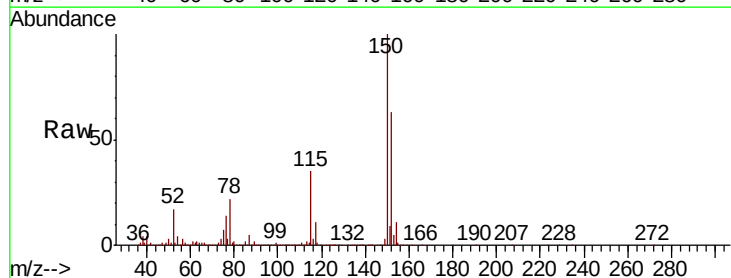


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

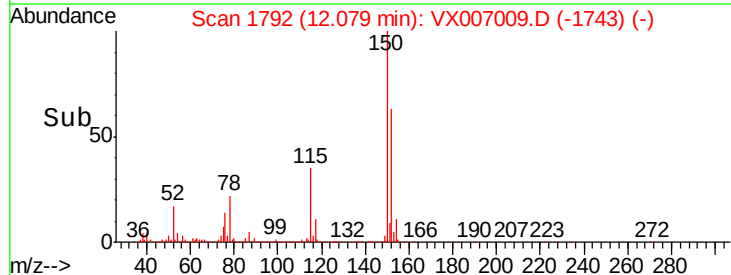
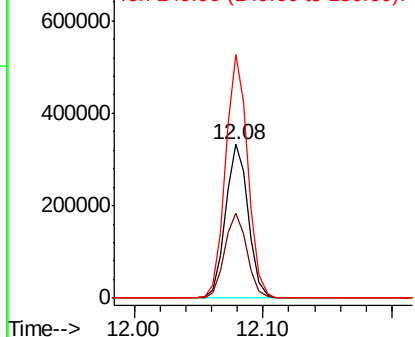


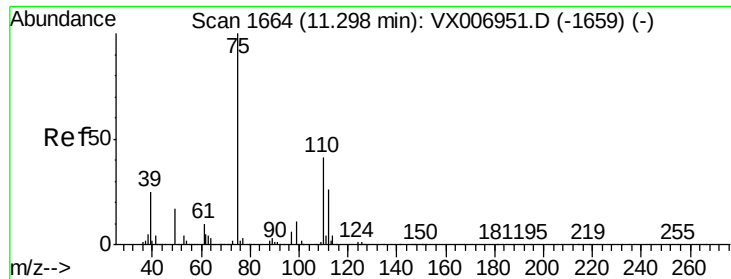
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007009.D
Acq: 11 Jan 2019 13:17

Tgt Ion:152 Resp: 411831
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.2
150 156.2 0.0 344.8



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

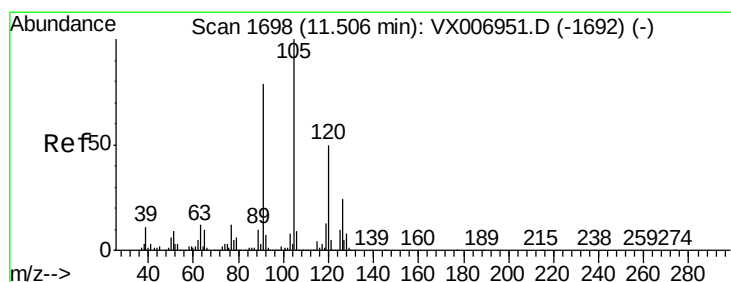
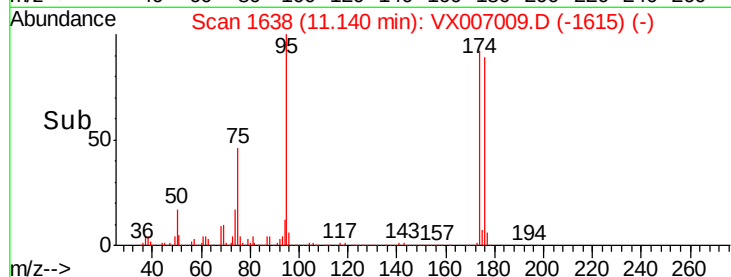
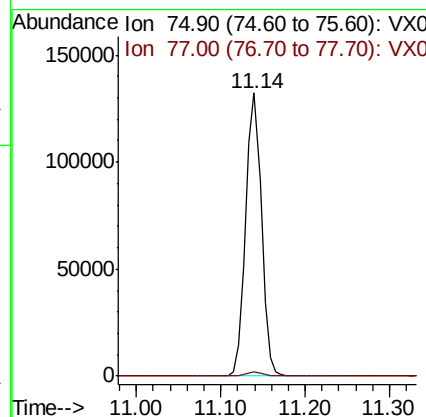
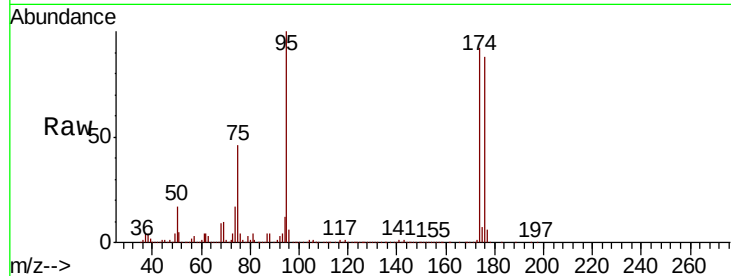




#76
 1,2,3-Trichloropropane
 Concen: 19.744 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX007009.D
 Acq: 11 Jan 2019 13:17

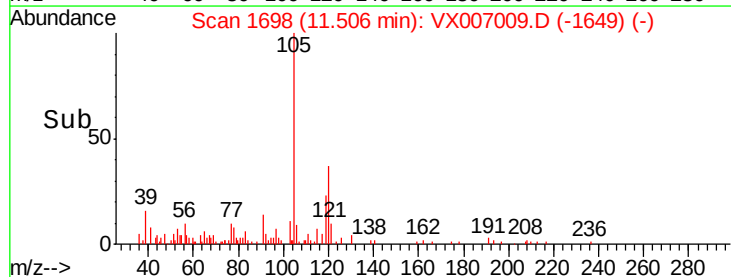
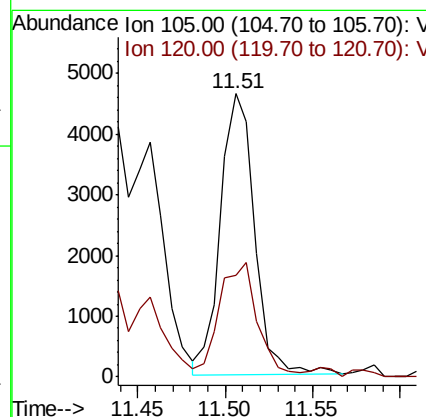
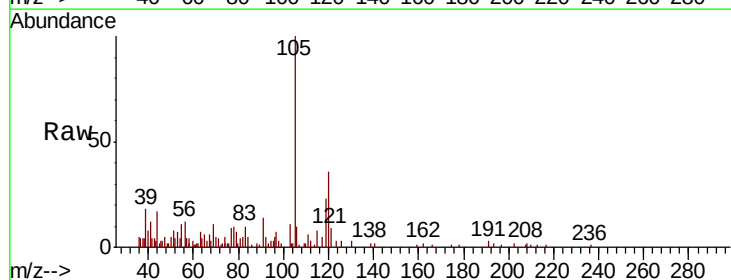
Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-I

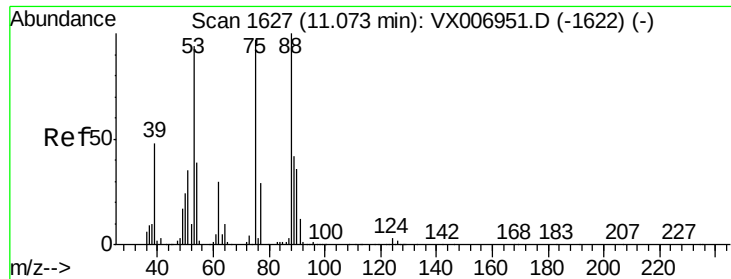
Tgt Ion: 75 Resp: 164775
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.5 55.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.258 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007009.D
 Acq: 11 Jan 2019 13:17

Tgt Ion: 105 Resp: 6257
 Ion Ratio Lower Upper
 105 100
 120 42.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 58.859 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-I

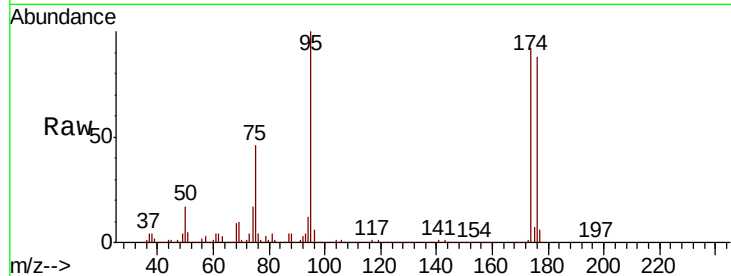
Tgt Ion: 75 Resp: 164775

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

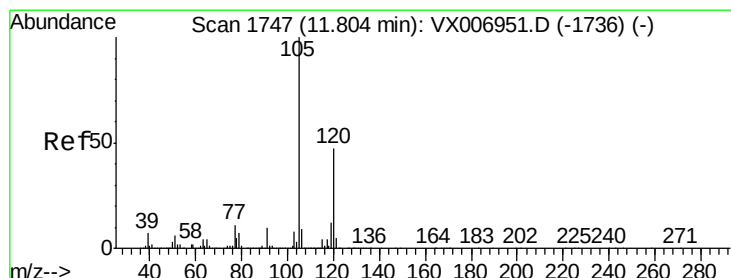
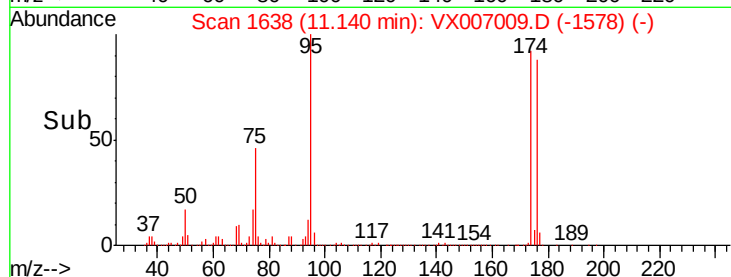
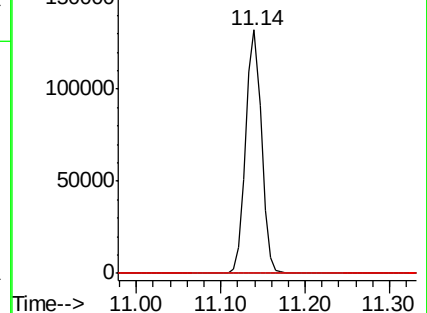
89 0.2 38.0 57.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.548 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007009.D

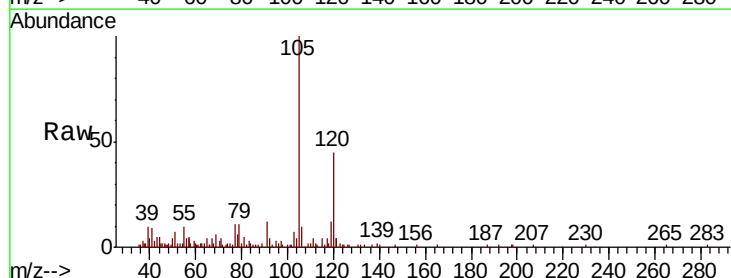
Acq: 11 Jan 2019 13:17

Tgt Ion: 105 Resp: 13371

Ion Ratio Lower Upper

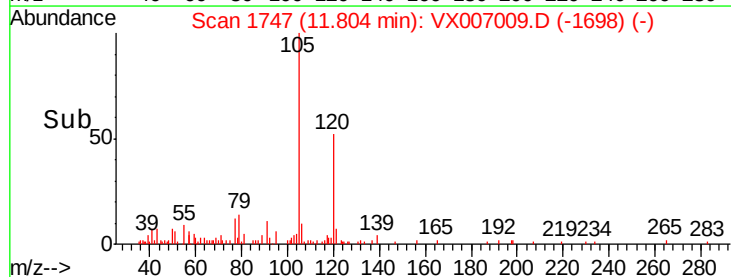
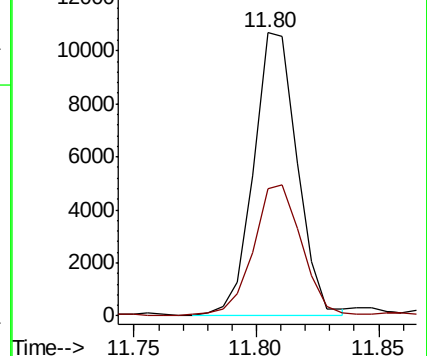
105 100

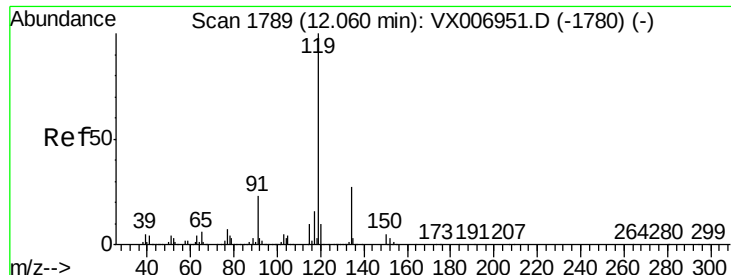
120 51.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

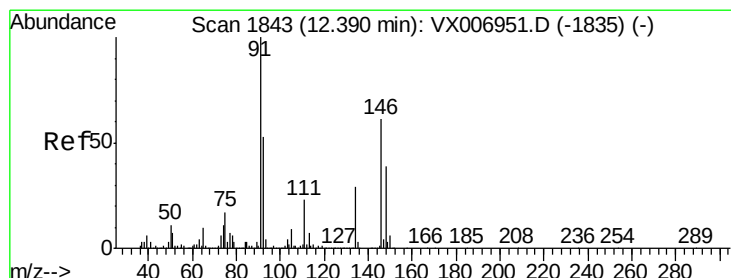
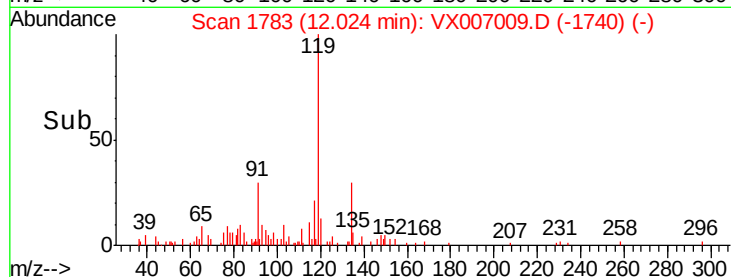
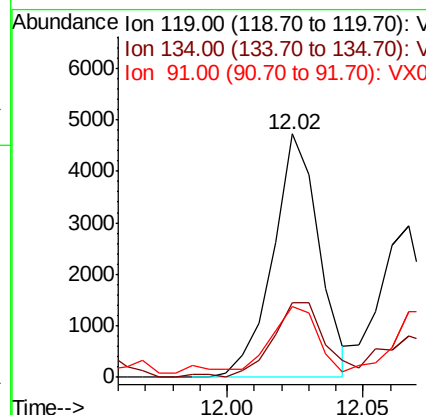
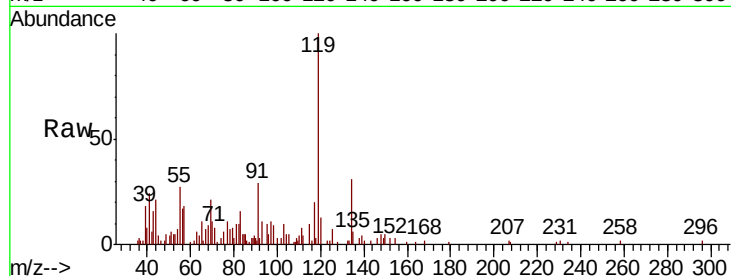




#86
p-Isopropyltoluene
Concen: 0.215 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX007009.D
Acq: 11 Jan 2019 13:17

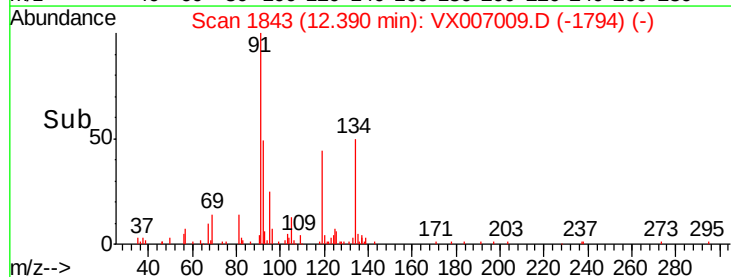
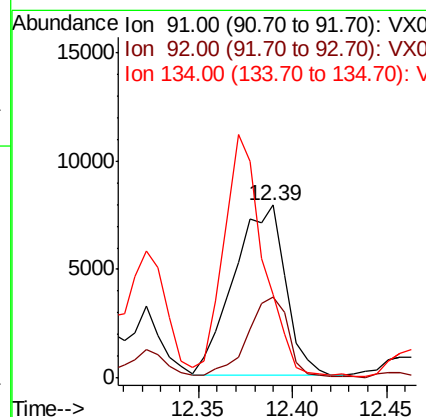
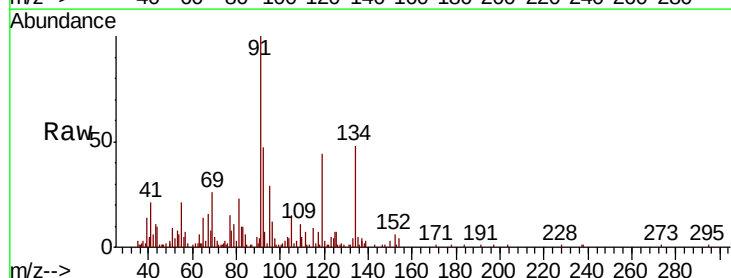
Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-I

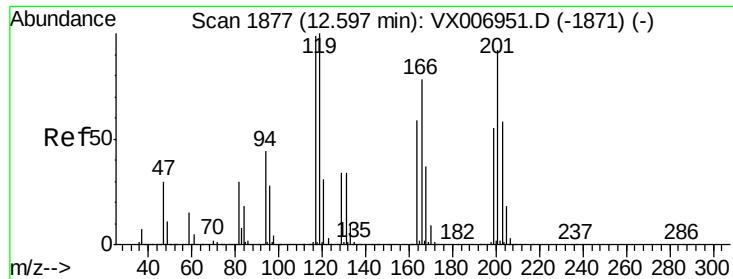
Tgt Ion	Ratio	Lower	Upper
119	100		
134	35.9	14.0	41.9
91	25.7	11.3	33.9



#89
n-Butylbenzene
Concen: 0.680 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007009.D
Acq: 11 Jan 2019 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.9	26.8	80.4
134	109.7	14.4	43.2





#90

Hexachloroethane

Concen: 3.404 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

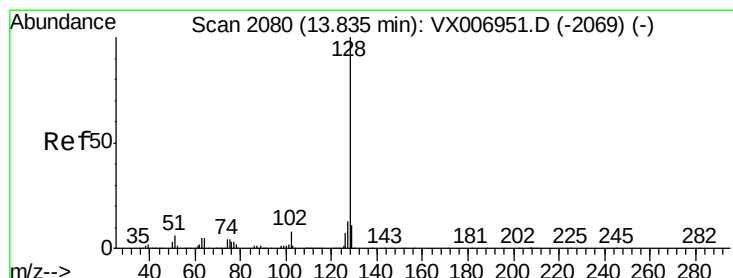
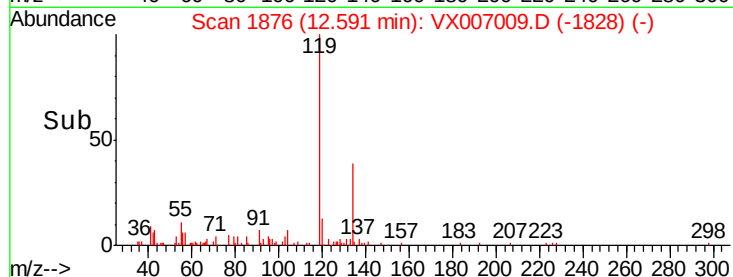
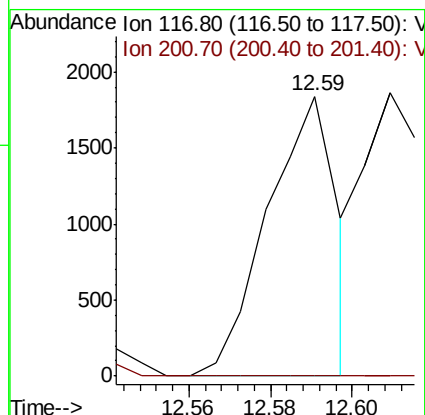
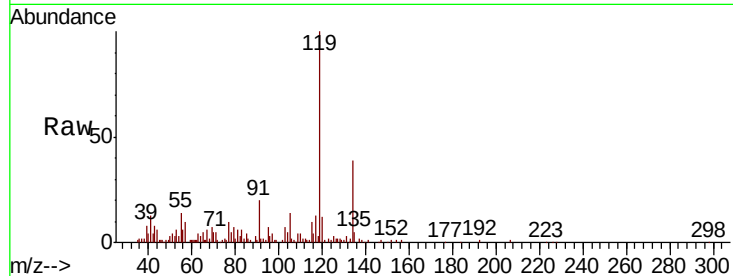
JC-03-010819-I

Tgt Ion:117 Resp: 2172

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



#95

Naphthalene

Concen: 1.116 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007009.D

Acq: 11 Jan 2019 13:17

Tgt Ion:128 Resp: 33124

Ion Ratio Lower Upper

128 100

127 16.8 10.1 15.1#

129 19.2 8.6 13.0#

