

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006467.D
 Acq On : 13 Dec 2018 01:59
 Operator : JC/MD
 Sample : J6193-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-121018-B

Quant Time: Dec 13 06:57:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	673363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1048260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	971614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	481608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	351890	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	317250	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	8.71	98	1243190	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	467621	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
13) Acrolein	2.31	56	485	0.472	ug/l #	13
16) Acetone	2.45	43	28153	8.727	ug/l	98
18) Methyl Acetate	2.78	43	11257	1.043	ug/l #	87
20) Methylene Chloride	2.86	84	87671	12.770	ug/l	91
25) 2-Butanone	4.70	43	5361	1.165	ug/l	95
29) Tetrahydrofuran	5.17	42	2466	0.771	ug/l #	58
36) 1,1-Dichloropropene	5.67	75	44391	5.029	ug/l #	49
38) Carbon Tetrachloride	5.67	117	63837	6.147	ug/l #	15
39) Methylcyclohexane	7.46	83	3995	0.349	ug/l #	85
40) Benzene	6.15	78	10709	0.405	ug/l	95
43) Isopropyl Acetate	6.46	43	37970	2.304	ug/l	98
48) Methyl methacrylate	7.68	41	18718	2.334	ug/l #	13
49) 1,4-Dioxane	7.76	88	92	0.466	ug/l #	27
51) 4-Methyl-2-Pentanone	8.62	43	184355	19.214	ug/l #	50
52) Toluene	8.79	92	292413	16.811	ug/l	98
54) cis-1,3-Dichloropropene	8.62	75	99264	8.698	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	21246	1.901	ug/l #	45
59) 2-Hexanone	9.54	43	253713	34.610	ug/l #	52
67) Ethyl Benzene	10.25	91	227529	6.633	ug/l	98
68) m/p-Xylenes	10.36	106	383163	27.884	ug/l	99
69) o-Xylene	10.70	106	142742	10.517	ug/l	98
70) Styrene	10.70	104	6942	0.316	ug/l #	1
73) Isopropylbenzene	11.02	105	19550	0.588	ug/l	97
74) N-amyl acetate	10.69	43	27285	1.905	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	210366	22.630	ug/l #	38
78) n-propylbenzene	11.36	91	96203	2.602	ug/l	100
79) 2-Chlorotoluene	11.43	91	57468	2.615	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	163018	5.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	210366	53.107	ug/l #	15
82) 4-Chlorotoluene	11.51	91	17933	0.702	ug/l #	46
83) tert-Butylbenzene	12.02	119	7692	0.261	ug/l	72
84) 1,2,4-Trimethylbenzene	11.80	105	586900	20.539	ug/l	99
85) sec-Butylbenzene	11.80	105	586900	17.473	ug/l #	54
86) p-Isopropyltoluene	12.02	119	7860	0.260	ug/l	95

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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CL-01-121018-B

Quant Time: Dec 13 06:57:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

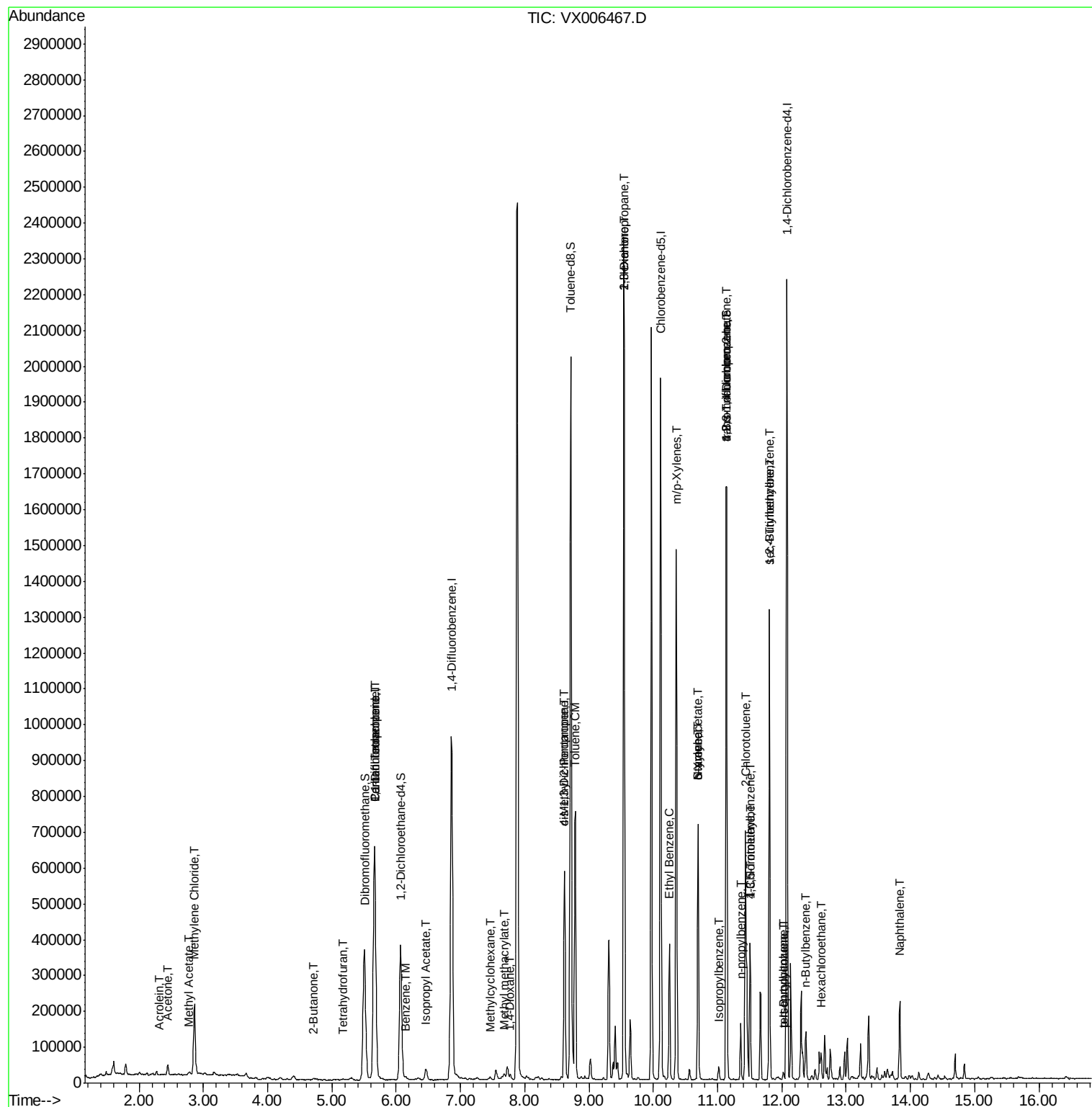
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	16918	0.656	ug/l #	4
90) Hexachloroethane	12.61	117	2797	0.454	ug/l #	5
95) Naphthalene	13.83	128	142995	3.866	ug/l	99

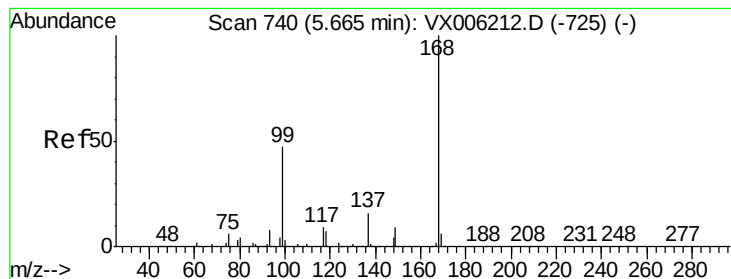
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

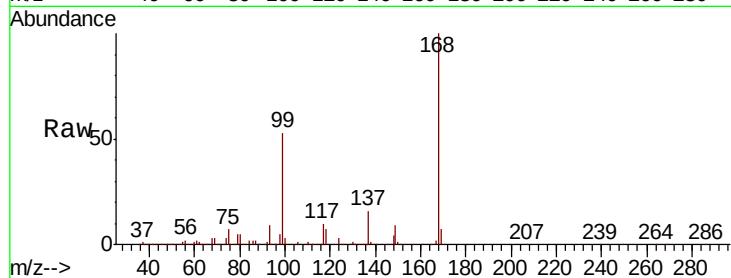
CL-01-121018-B

Tot Ion:168 Resp: 673363

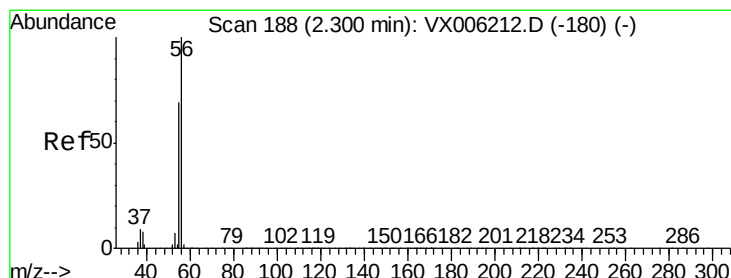
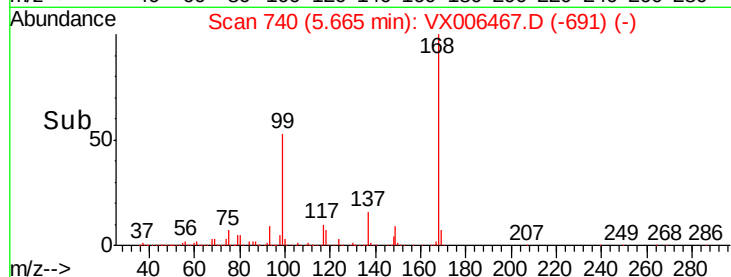
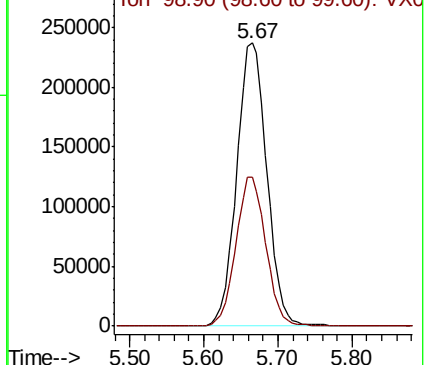
Ion Ratio Lower Upper

168 100

99 52.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX0



#13

Acrolein

Concen: 0.472 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006467.D

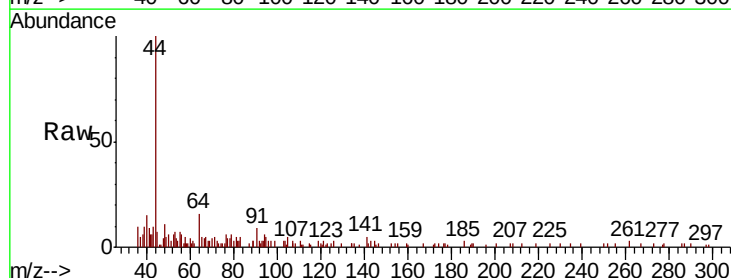
Acq: 13 Dec 2018 01:59

Tgt Ion: 56 Resp: 485

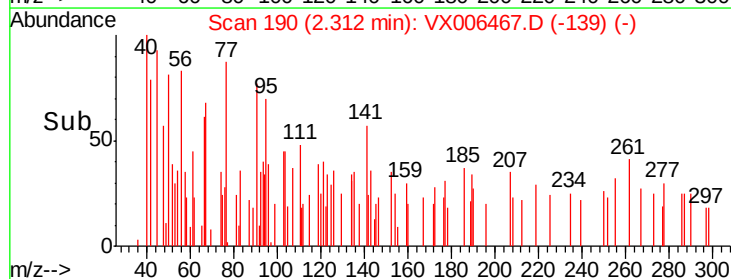
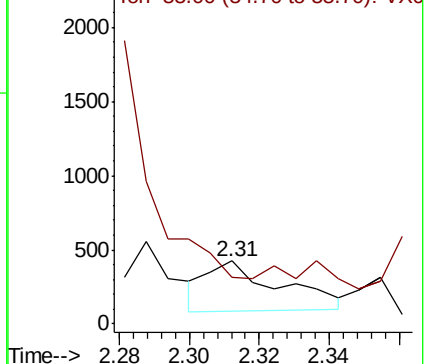
Ion Ratio Lower Upper

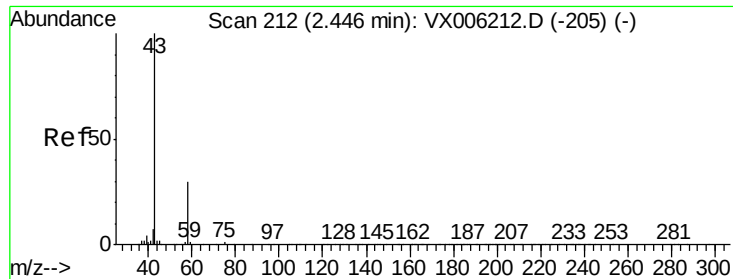
56 100

55 0.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

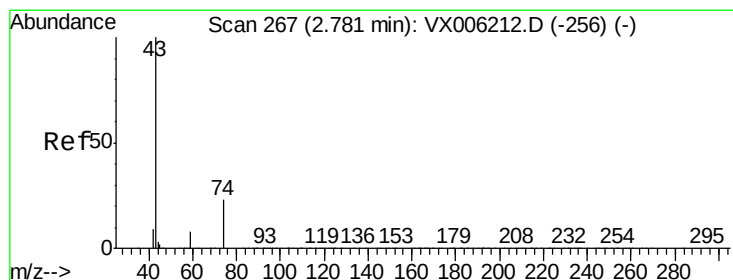
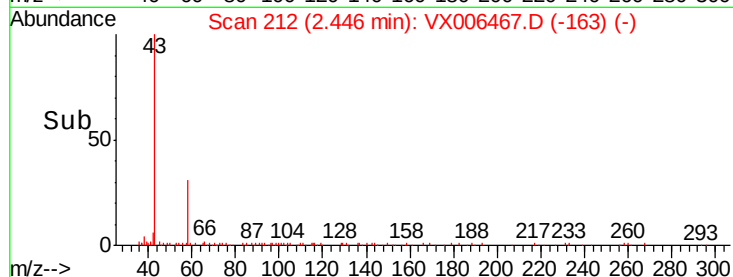
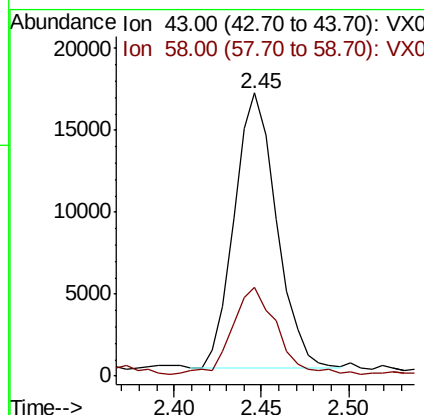
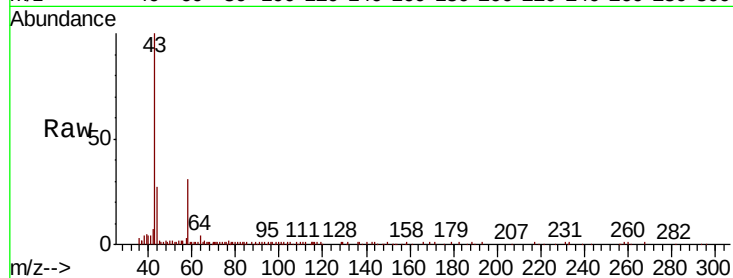




#16
Acetone
Concen: 8.727 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

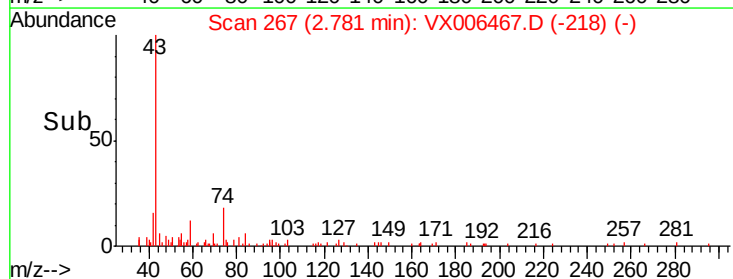
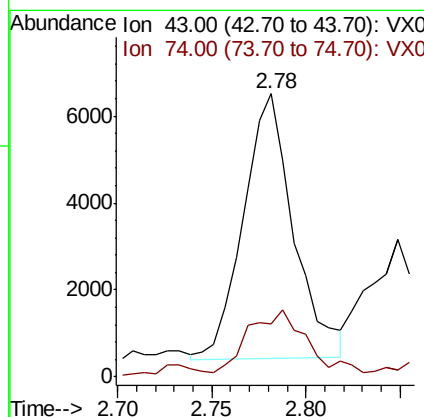
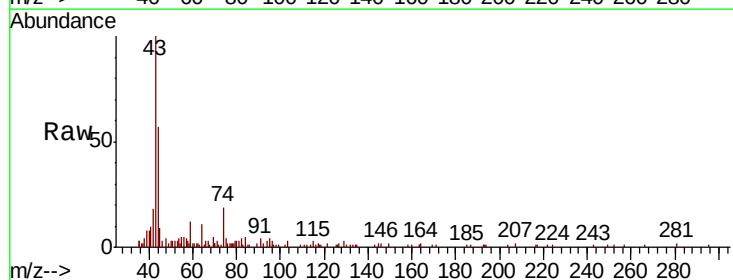
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

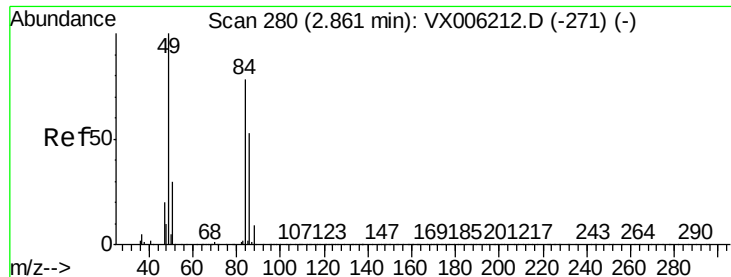
Tot Ion: 43 Resp: 28153
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0



#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 43 Resp: 11257
Ion Ratio Lower Upper
43 100
74 28.4 17.9 26.9#



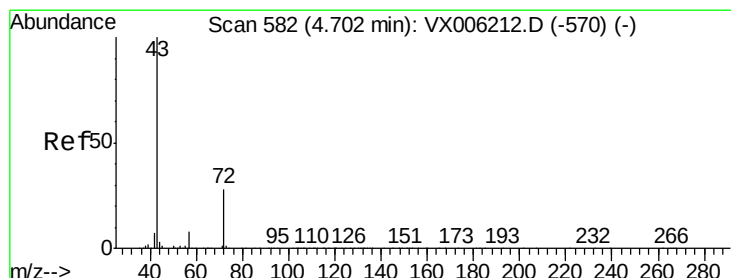
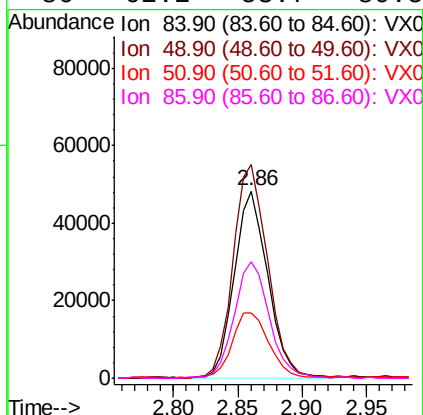
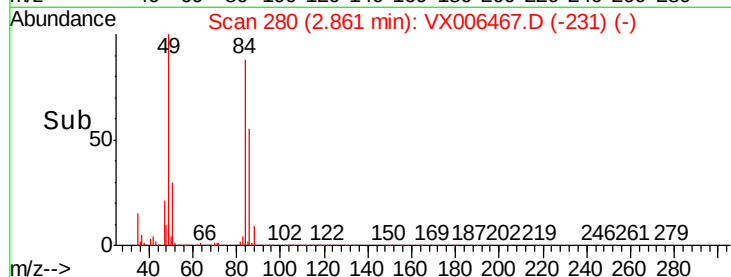
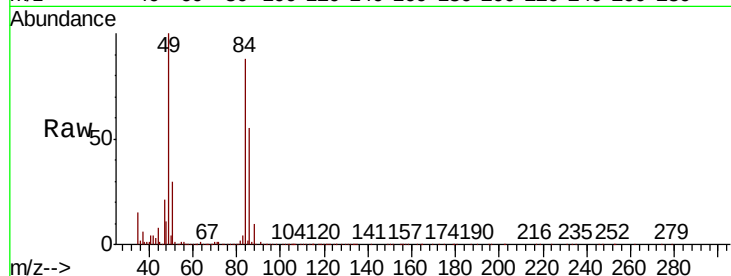


#20
Methvlene Chloride
Concen: 12.770 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

Tot Ion: 84 Resp: 87671

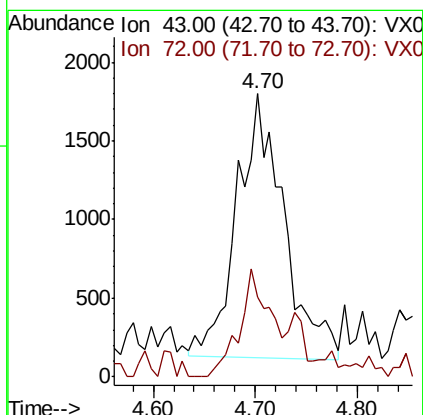
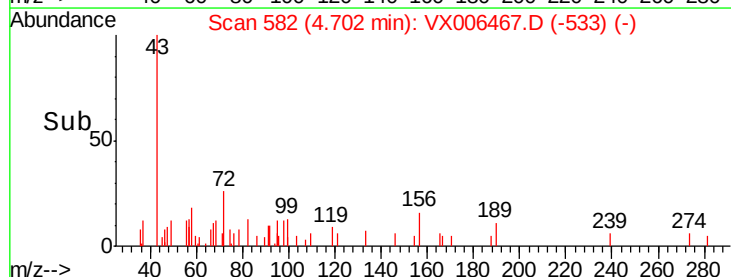
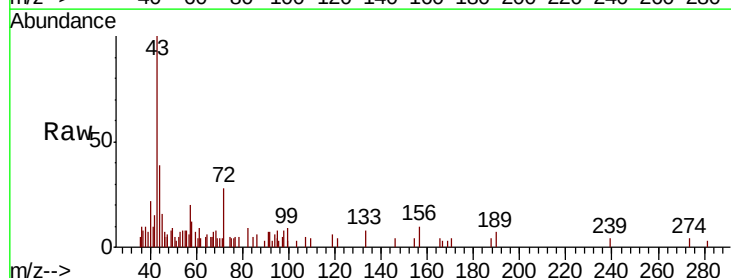
Ion	Ratio	Lower	Upper
84	100		
49	114.2	102.2	153.4
51	34.5	31.1	46.7
86	62.2	53.7	80.5

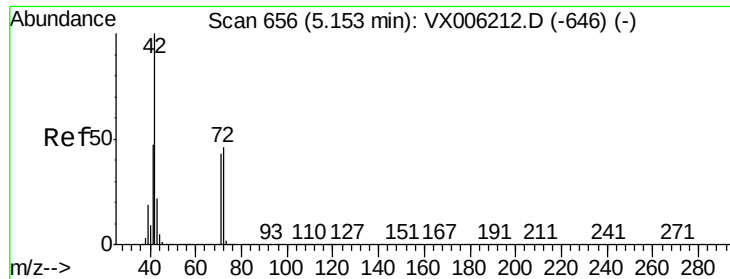


#25
2-Butanone
Concen: 1.165 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 43 Resp: 5361

Ion	Ratio	Lower	Upper
43	100		
72	31.0	22.6	33.8

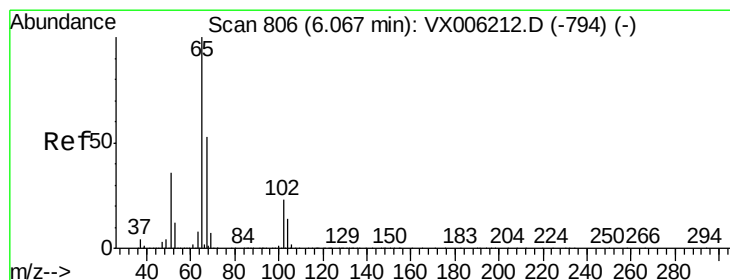
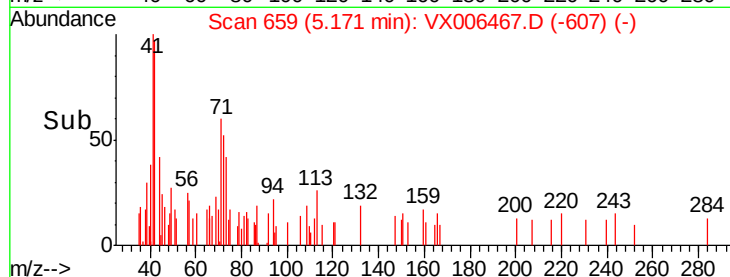
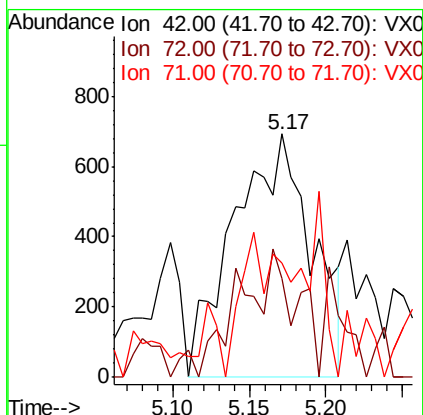
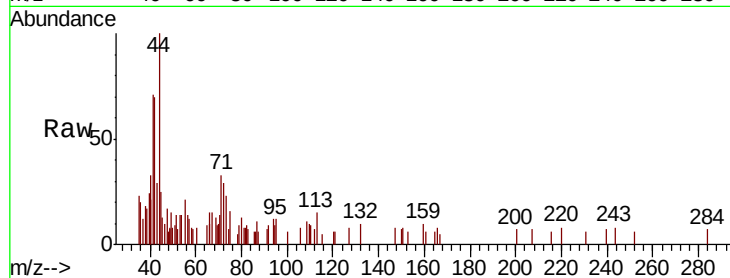




#29
Tetrahydrofuran
Concen: 0.771 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

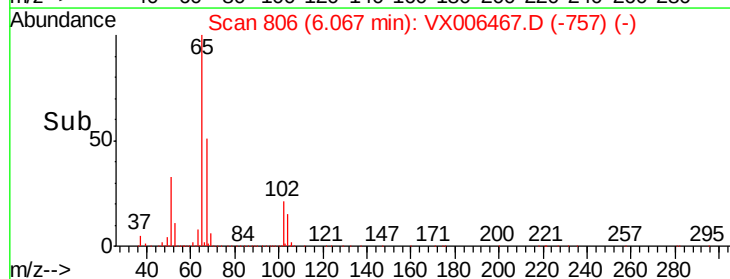
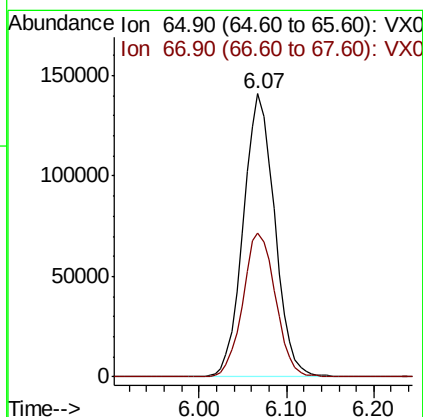
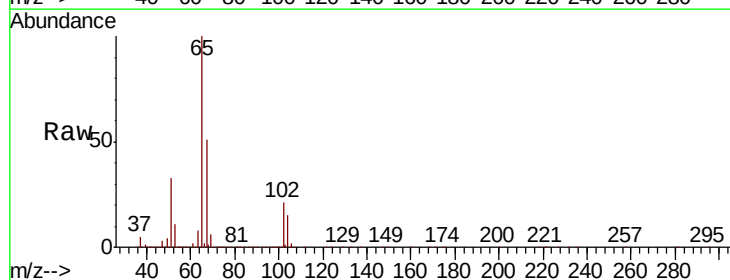
Instrument :
MSVOA_X
ClientSampled :
CL-01-121018-B

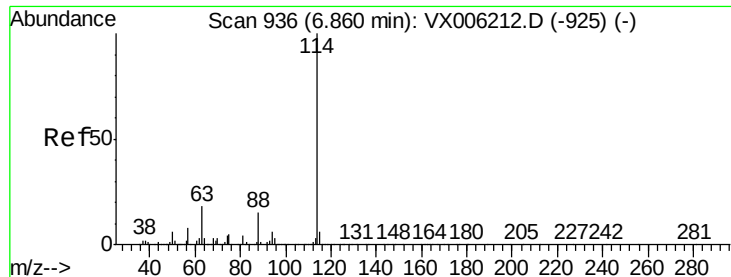
Tot Ion: 42 Resp: 2466
Ion Ratio Lower Upper
42 100
72 19.1 37.8 56.8#
71 17.2 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 51.192 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 65 Resp: 351890
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

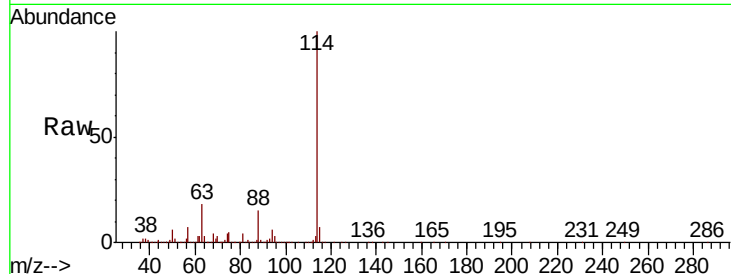
Tot Ion:114 Resp: 1048260

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

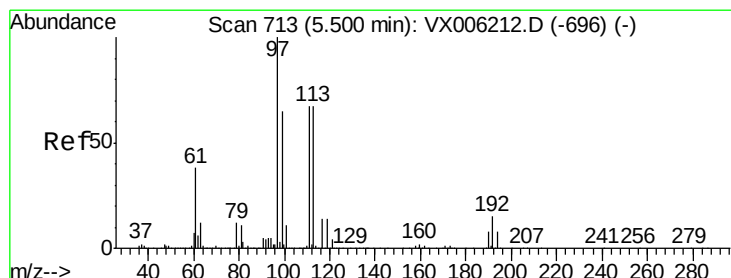
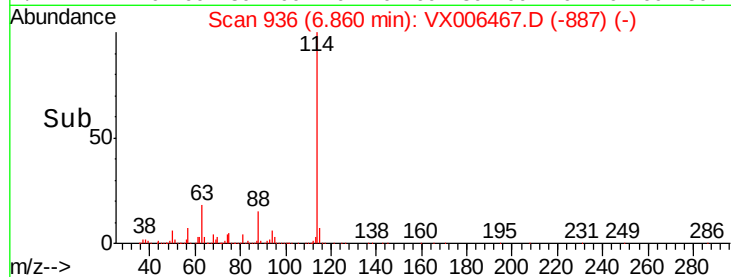
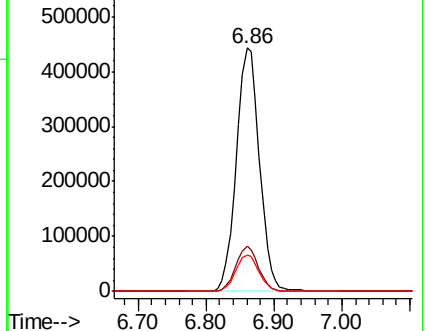
88 14.8 0.0 29.0



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: 46.743 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

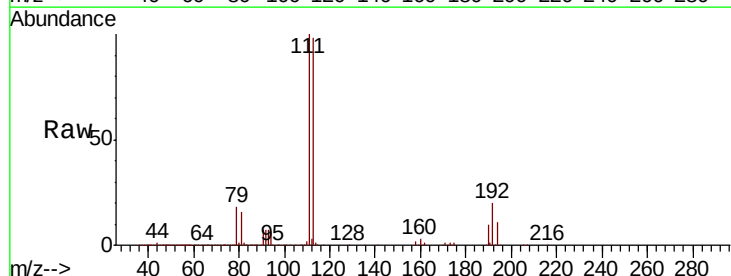
Tgt Ion:113 Resp: 317250

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

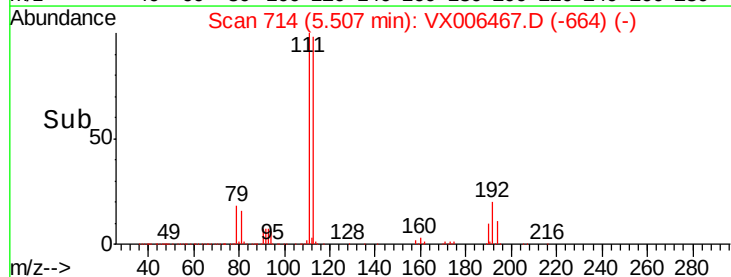
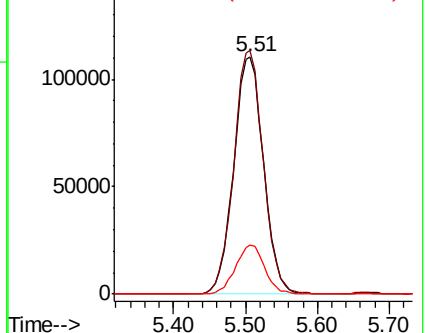
192 20.3 18.2 27.2

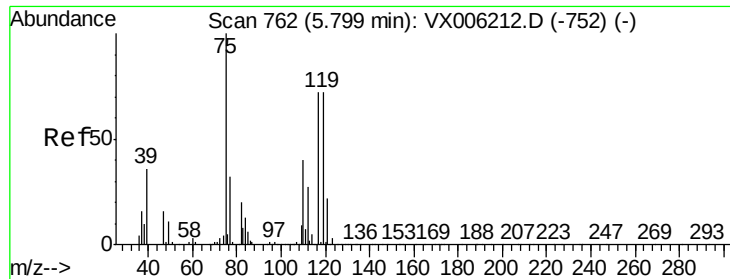


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

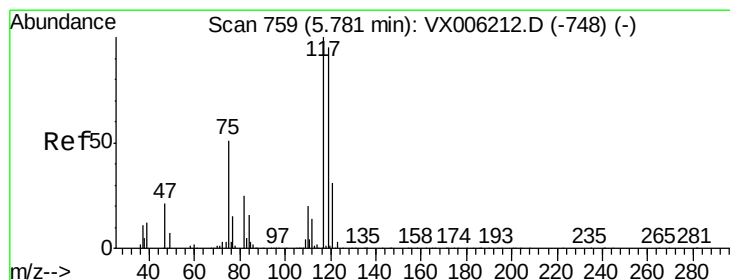
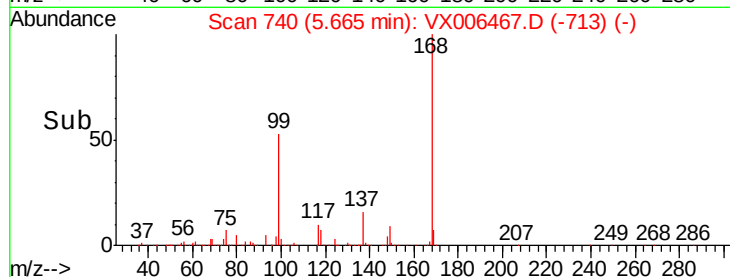
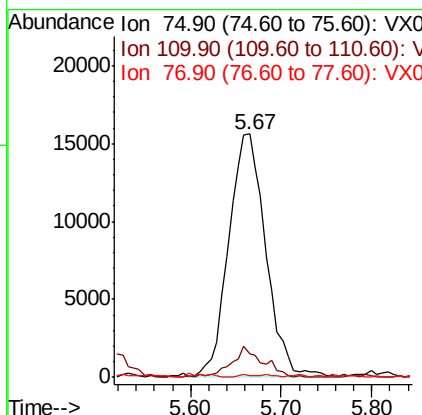
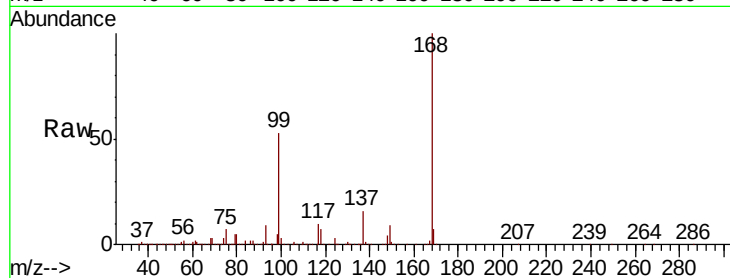




#36
 1,1-Dichloropropene
 Concen: 5.029 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006467.D
 Acq: 13 Dec 2018 01:59

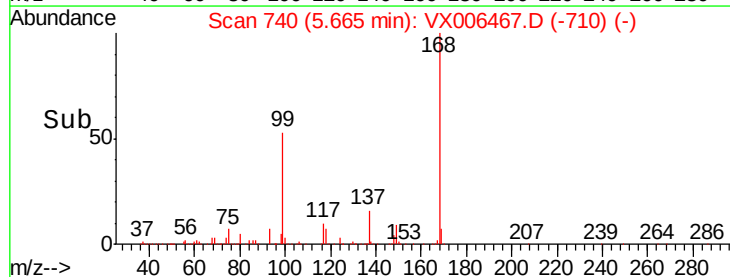
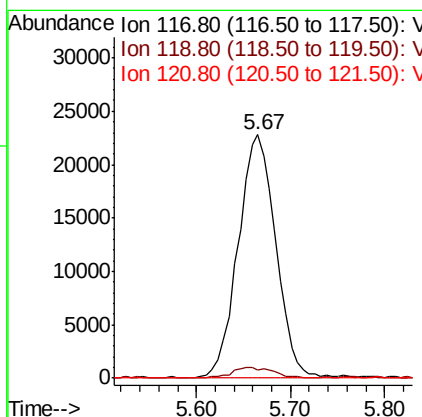
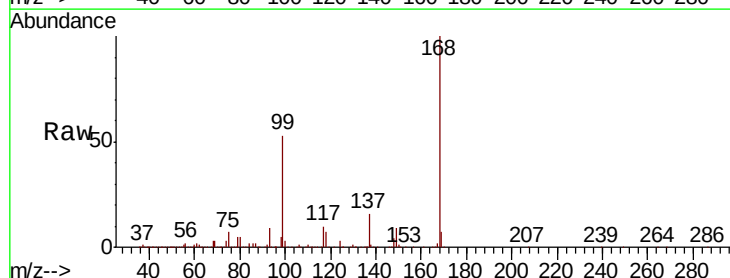
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-121018-B

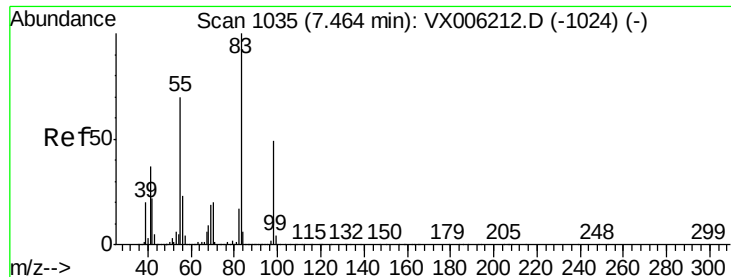
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.4	61.3#
77	0.4	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.147 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006467.D
 Acq: 13 Dec 2018 01:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.8	113.8#
121	0.0	24.6	37.0#

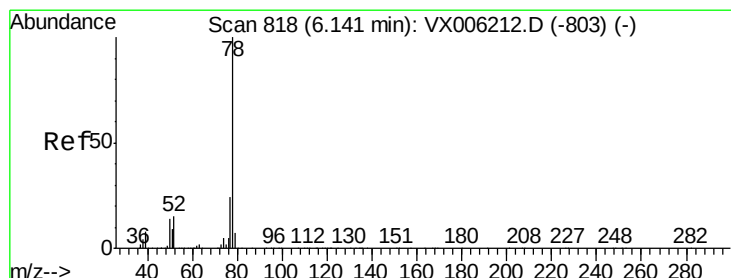
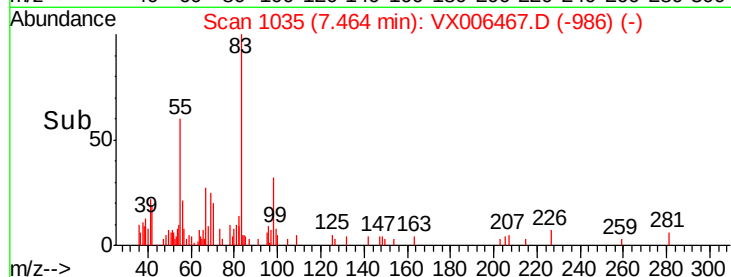
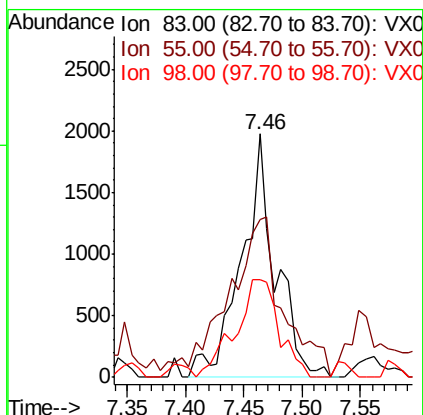
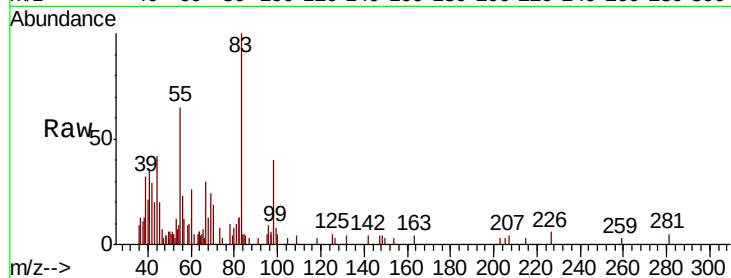




#39
Methylvlcyclohexane
Concen: 0.349 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

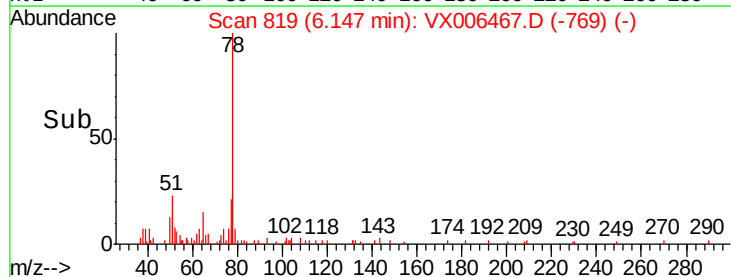
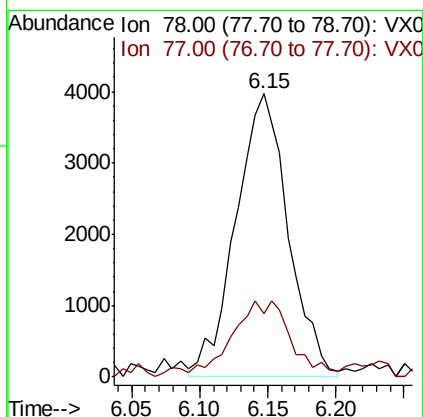
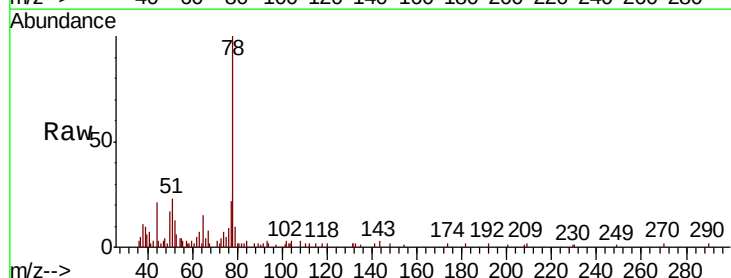
Instrument :
MSVOA_X
ClientSampled :
CL-01-121018-B

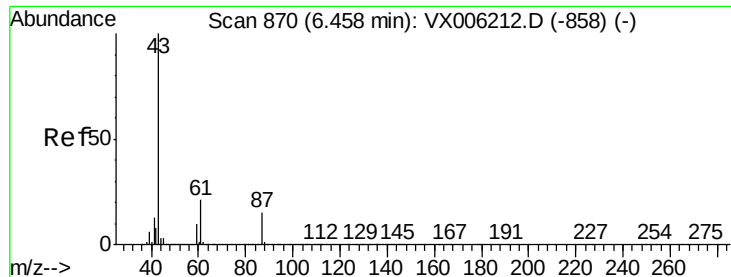
Tot Ion: 83 Resp: 3995
Ion Ratio Lower Upper
83 100
55 60.4 56.4 84.6
98 36.3 39.0 58.6#



#40
Benzene
Concen: 0.405 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 78 Resp: 10709
Ion Ratio Lower Upper
78 100
77 21.3 19.2 28.8





#43

Isopropyl Acetate

Concen: 2.304 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

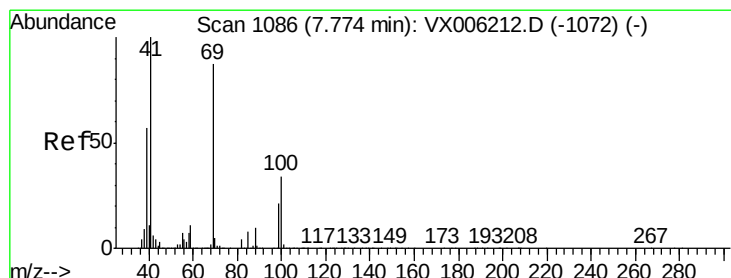
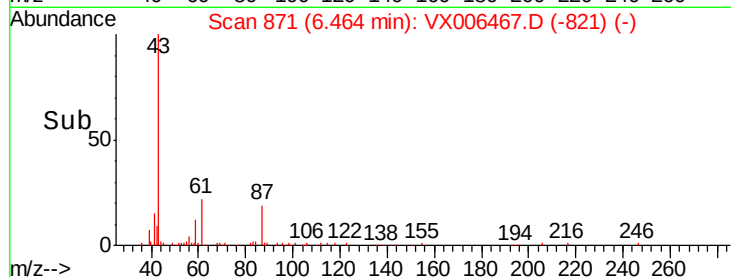
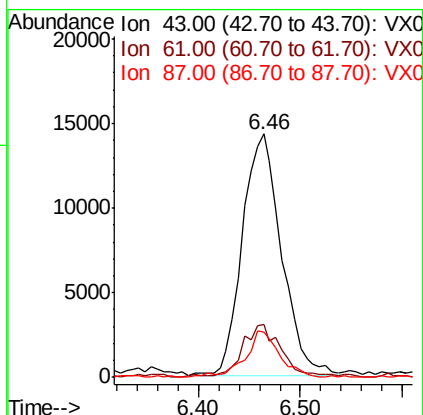
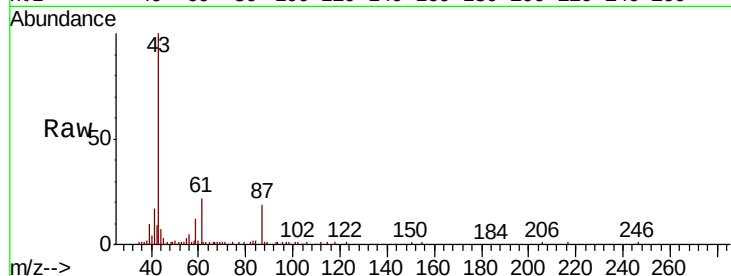
Tot Ion: 43 Resp: 37970

Ion Ratio Lower Upper

43 100

61 21.4 16.8 25.2

87 16.3 11.9 17.9



#48

Methyl methacrylate

Concen: 2.334 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

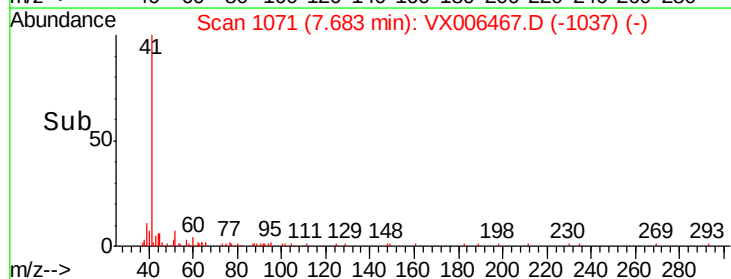
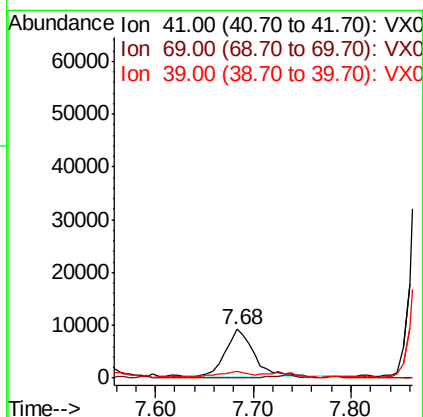
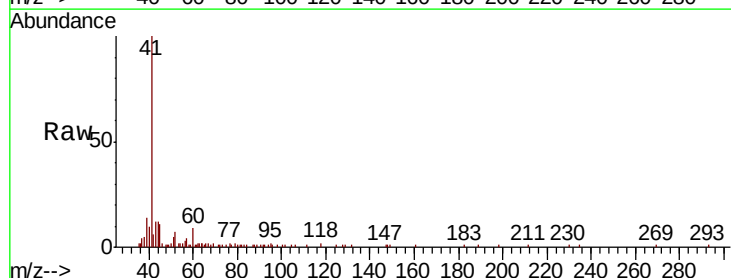
Tgt Ion: 41 Resp: 18718

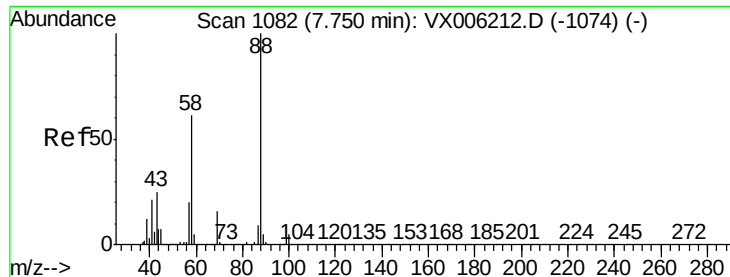
Ion Ratio Lower Upper

41 100

69 1.6 70.3 105.5#

39 0.0 45.3 67.9#





#49

1,4-Dioxane

Concen: 0.466 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

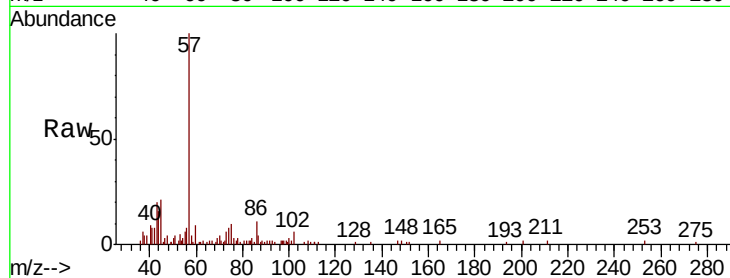
Tot Ion: 88 Resp: 92

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

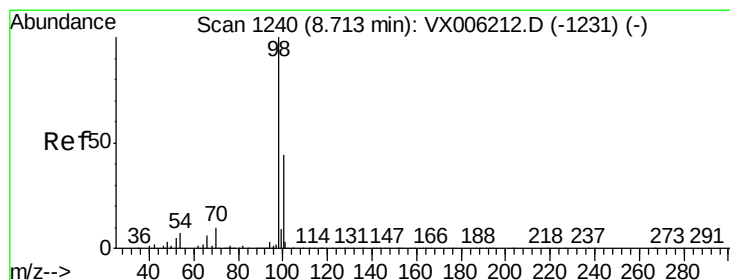
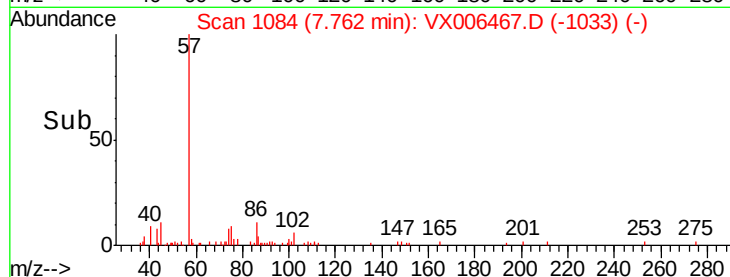
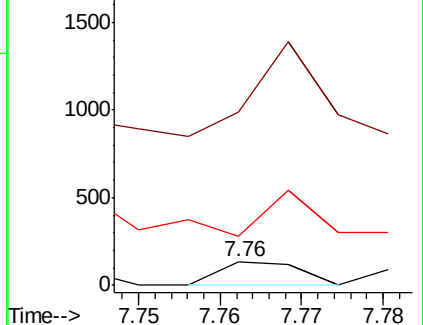
58 0.0 51.4 77.0#



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: 50.357 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006467.D

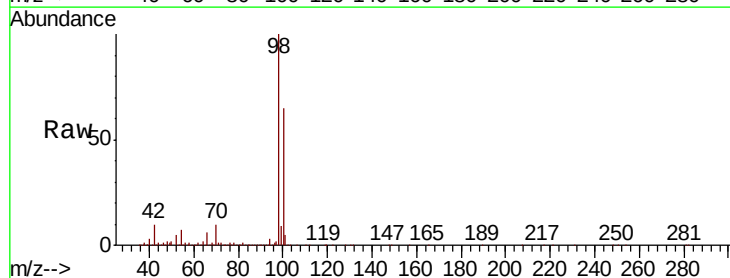
Acq: 13 Dec 2018 01:59

Tgt Ion: 98 Resp: 1243190

Ion Ratio Lower Upper

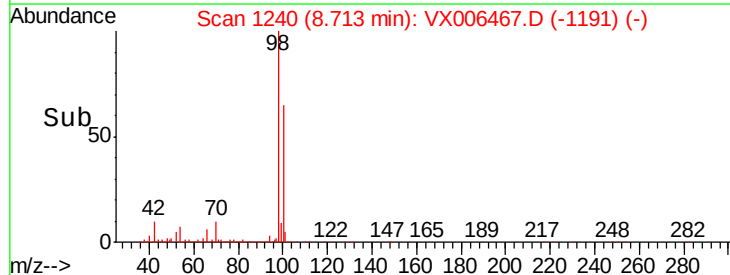
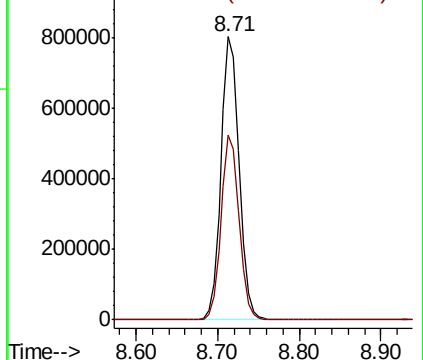
98 100

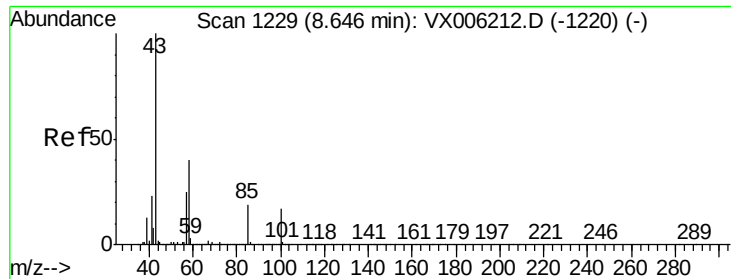
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

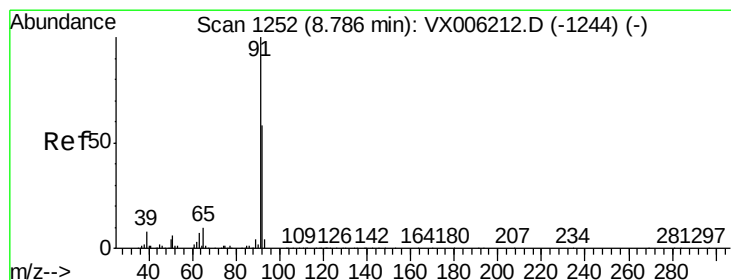
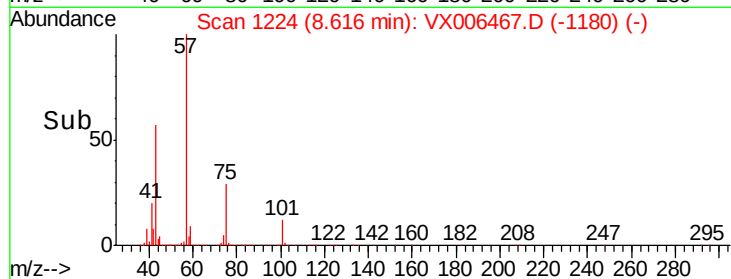
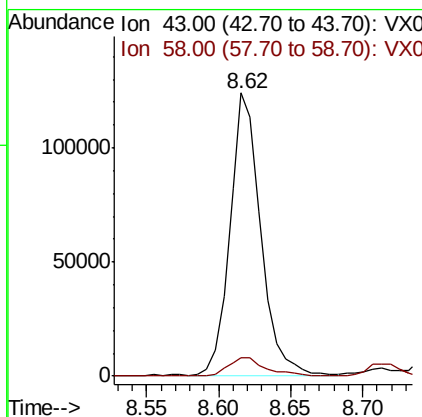
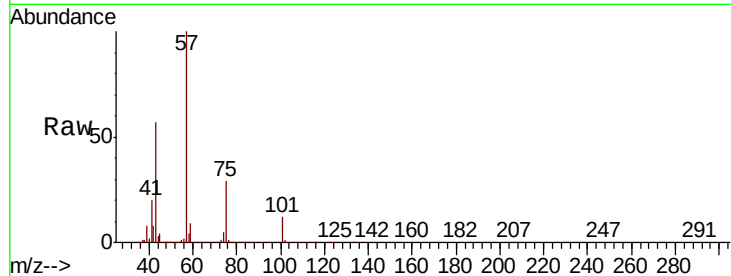




#51
 4-Methyl-2-Pentanone
 Concen: 19.214 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. -0.03 min
 Lab File: VX006467.D
 Acq: 13 Dec 2018 01:59

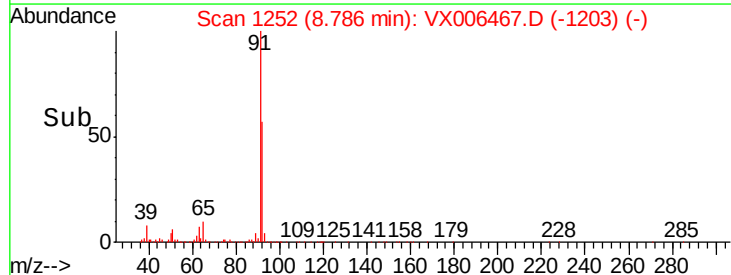
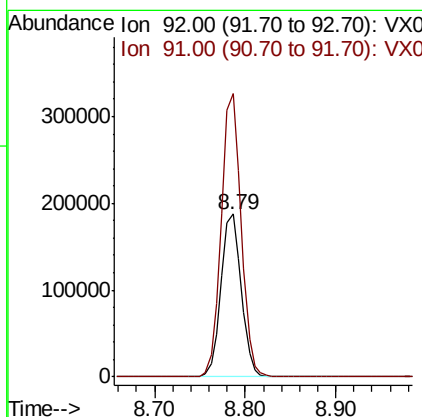
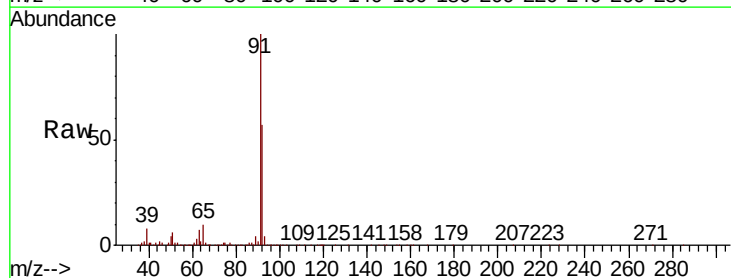
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-121018-B

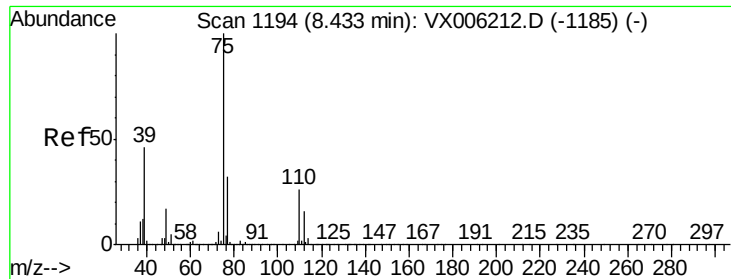
Tot Ion: 43 Resp: 184355
 Ion Ratio Lower Upper
 43 100
 58 8.5 31.3 46.9#



#52
 Toluene
 Concen: 16.811 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006467.D
 Acq: 13 Dec 2018 01:59

Tgt Ion: 92 Resp: 292413
 Ion Ratio Lower Upper
 92 100
 91 171.5 139.2 208.8





#54

cis-1,3-Dichloropropene

Concen: 8.698 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

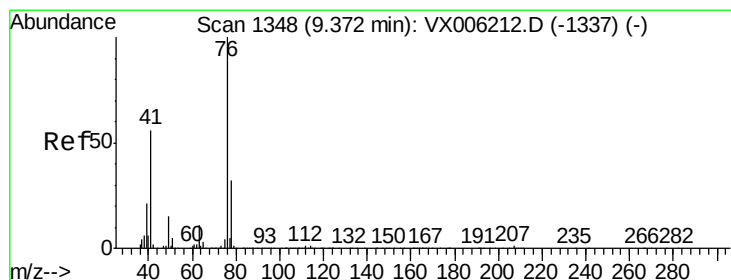
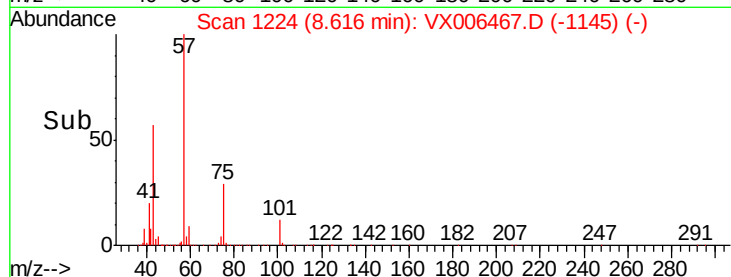
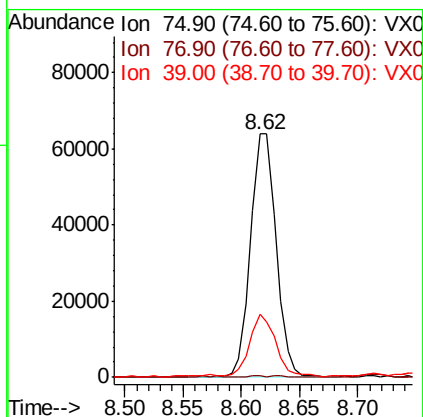
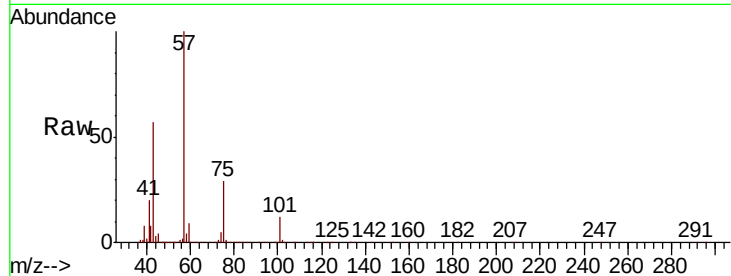
Tot Ion: 75 Resp: 99264

Ion Ratio Lower Upper

75 100

77 0.4 25.6 38.4#

39 25.6 36.5 54.7#



#57

1,3-Dichloropropane

Concen: 1.901 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006467.D

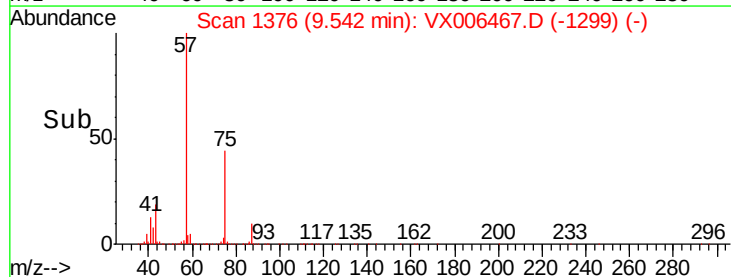
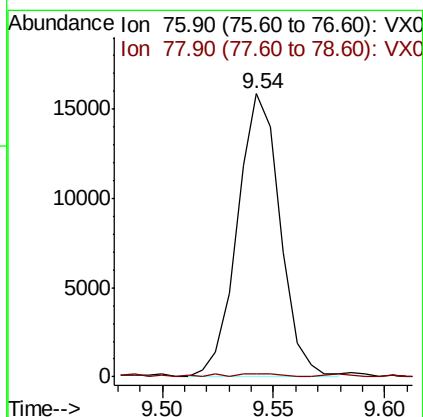
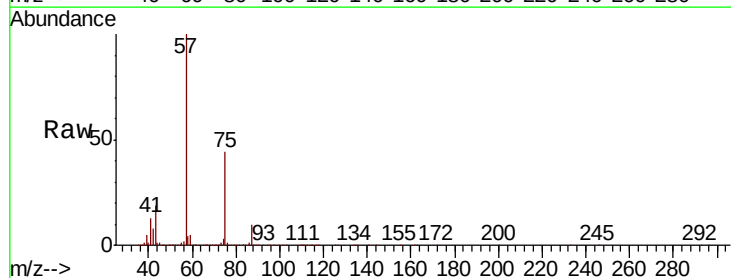
Acq: 13 Dec 2018 01:59

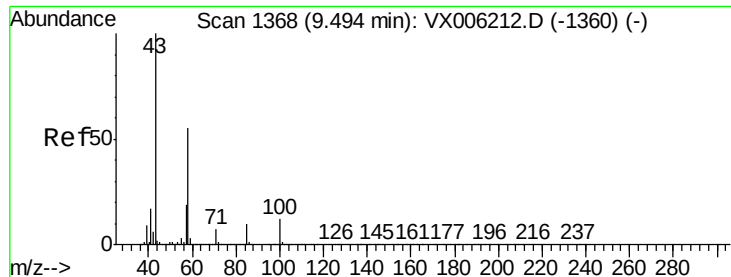
Tgt Ion: 76 Resp: 21246

Ion Ratio Lower Upper

76 100

78 1.7 26.1 39.1#

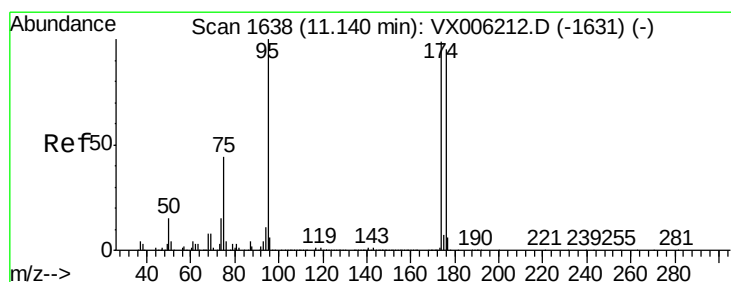
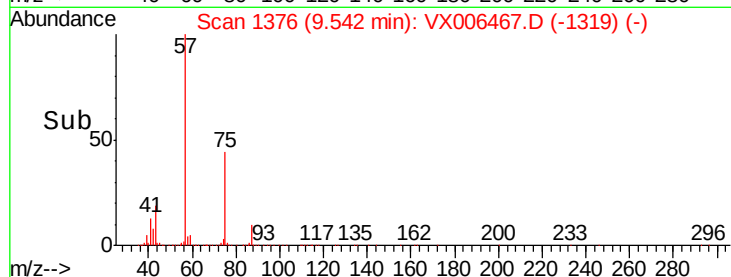
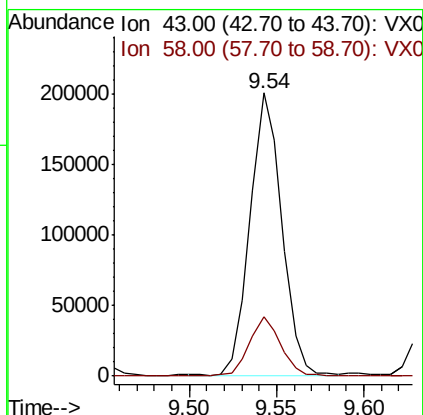
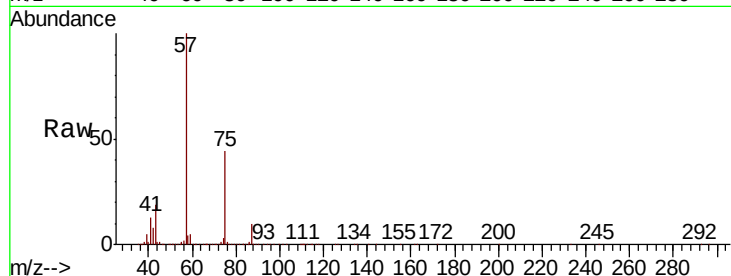




#59
2-Hexanone
Concen: 34.610 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

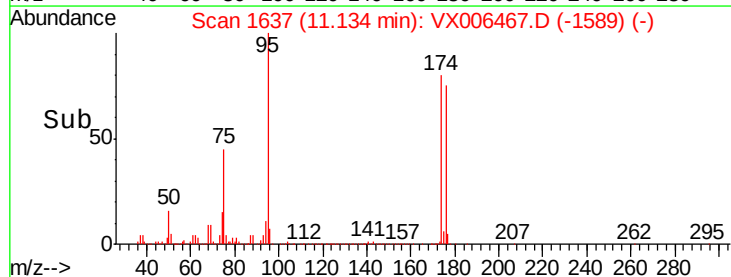
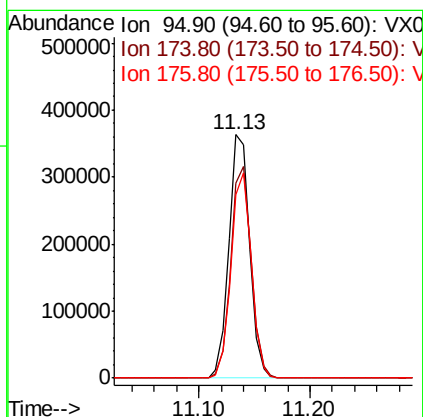
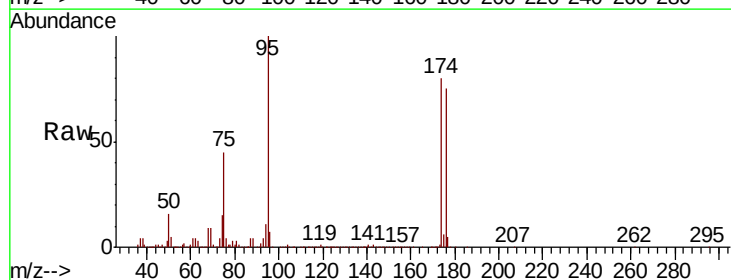
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

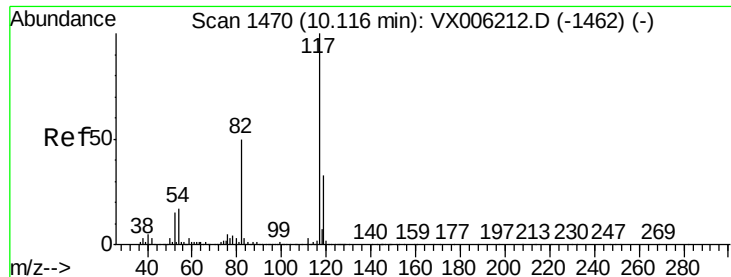
Tot Ion: 43 Resp: 253713
Ion Ratio Lower Upper
43 100
58 20.5 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 50.266 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 95 Resp: 467621
Ion Ratio Lower Upper
95 100
174 86.1 0.0 187.0
176 83.0 0.0 181.8

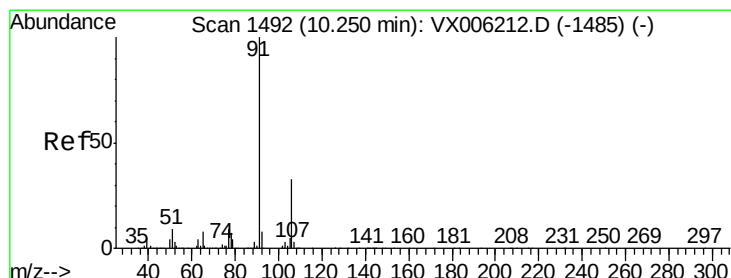
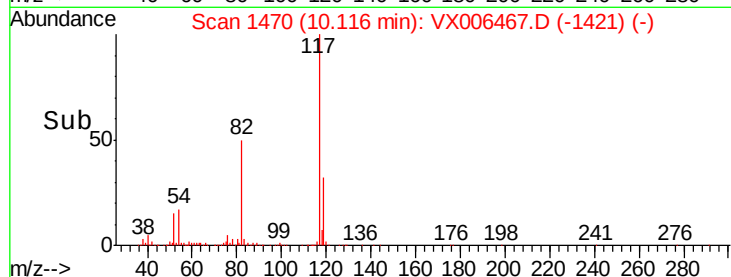
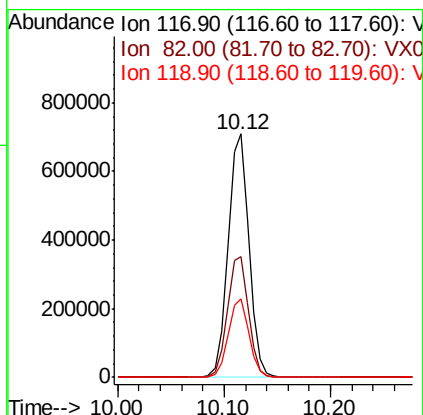
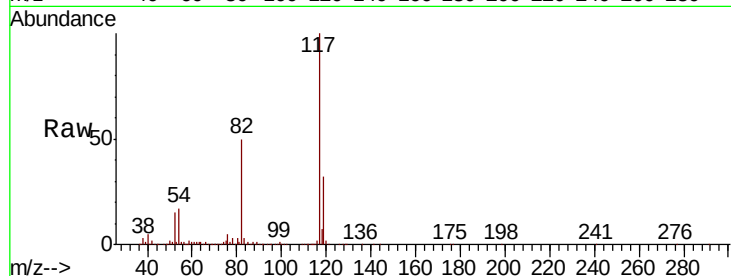




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

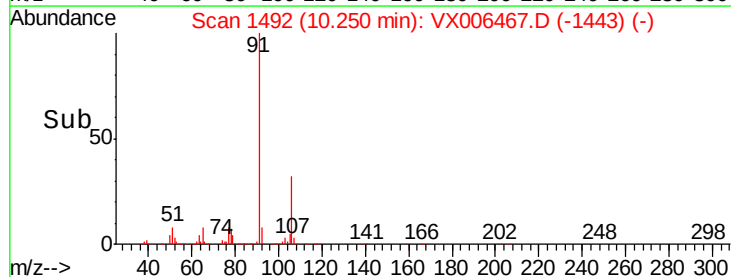
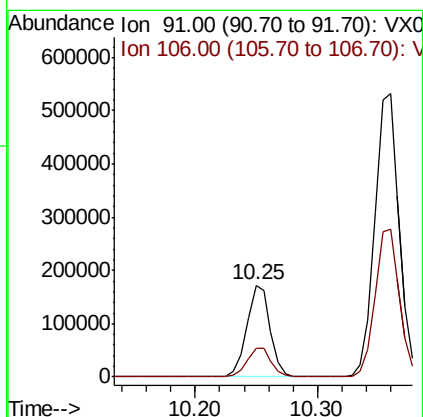
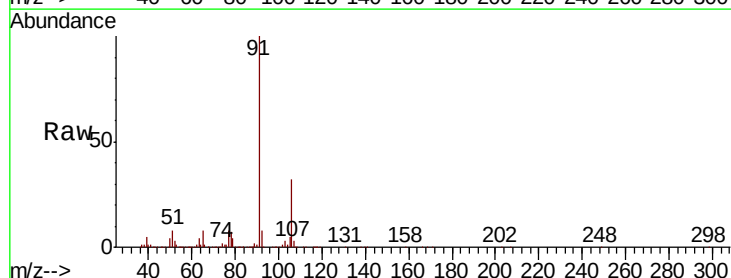
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

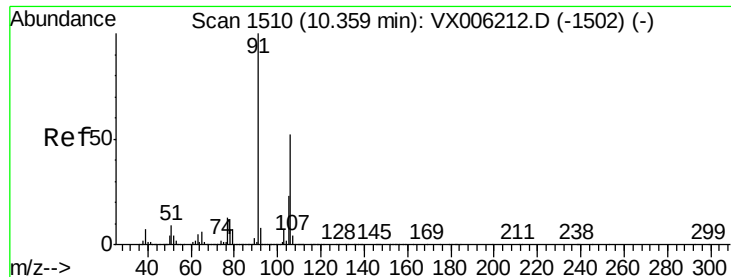
Tot Ion:117 Resp: 971614
Ion Ratio Lower Upper
117 100
82 49.6 39.6 59.4
119 32.4 26.3 39.5



#67
Ethyl Benzene
Concen: 6.633 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 91 Resp: 227529
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7

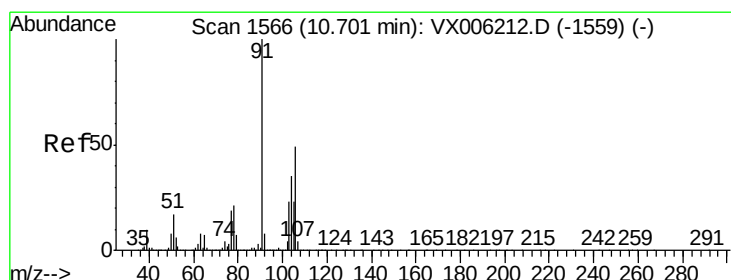
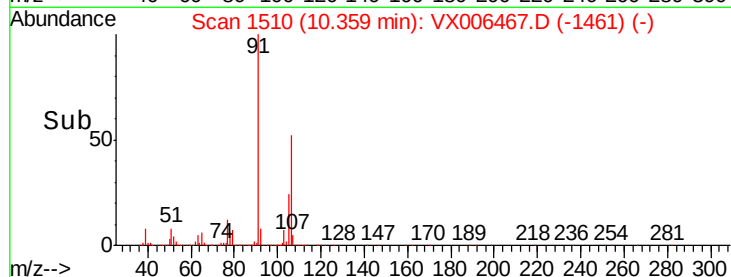
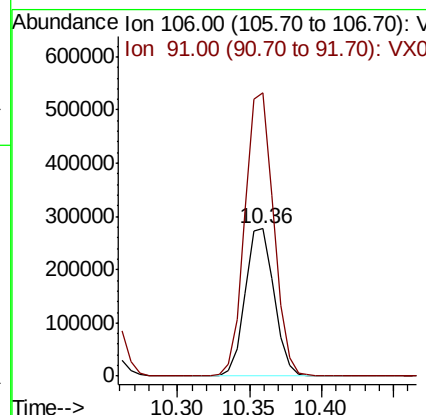
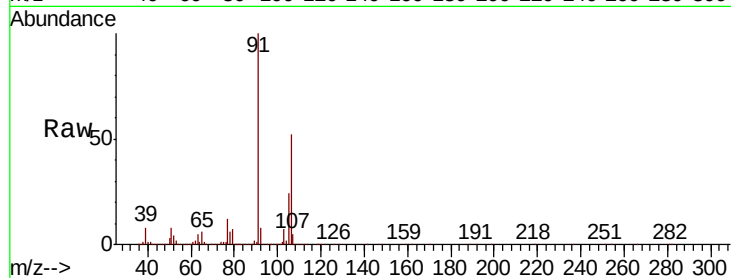




#68
m/p-Xylenes
Concen: 27.884 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

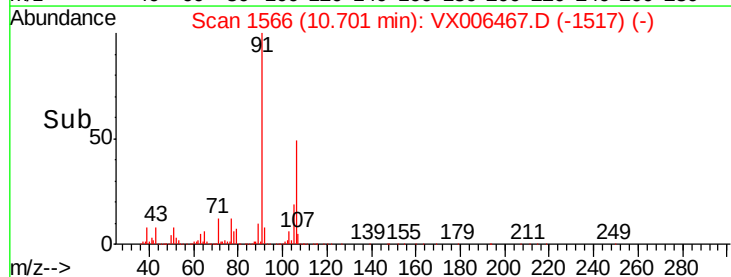
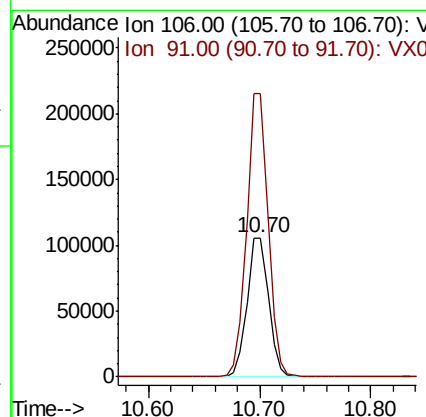
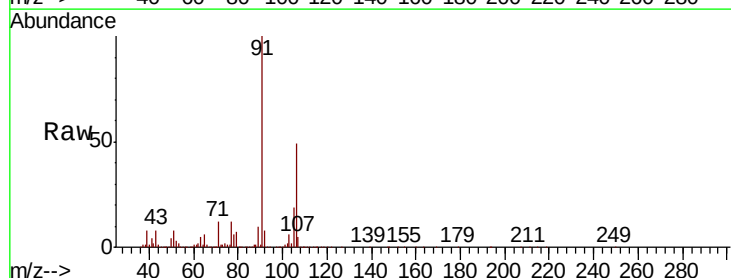
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

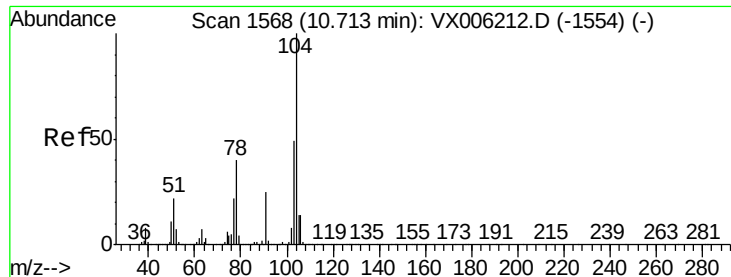
Tot Ion:106 Resp: 383163
Ion Ratio Lower Upper
106 100
91 192.1 155.2 232.8



#69
o-Xylene
Concen: 10.517 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion:106 Resp: 142742
Ion Ratio Lower Upper
106 100
91 201.3 101.8 305.6





#70

Stvrene

Concen: 0.316 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampled :

CL-01-121018-B

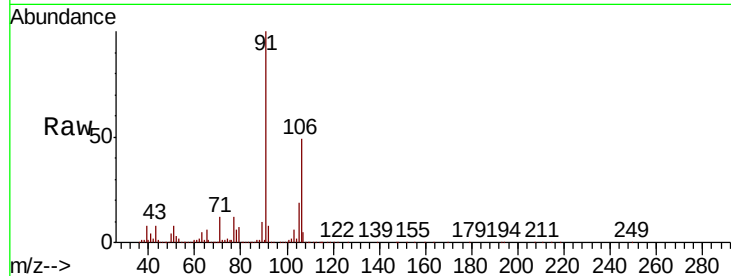
Tot Ion:104 Resp: 6942

Ion Ratio Lower Upper

104 100

78 277.3 37.2 55.8#

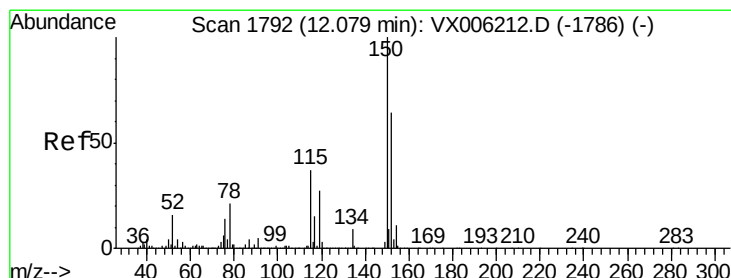
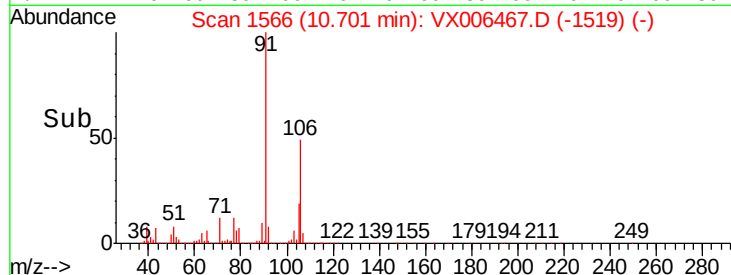
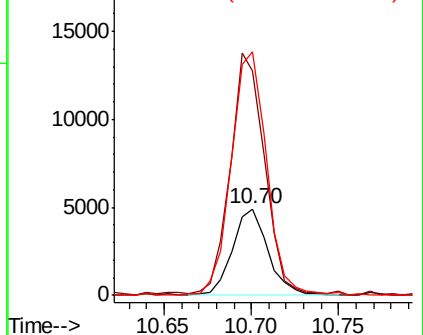
103 282.2 43.5 65.3#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX006467.D

Acq: 13 Dec 2018 01:59

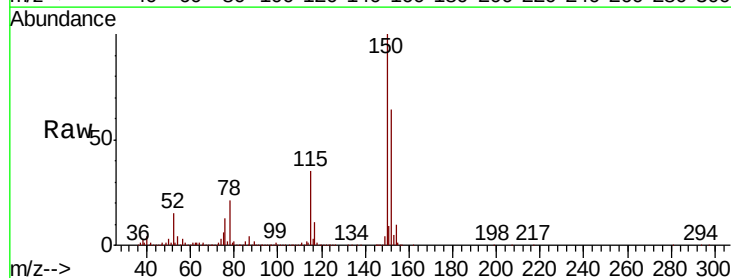
Tgt Ion:152 Resp: 481608

Ion Ratio Lower Upper

152 100

115 55.8 39.0 116.9

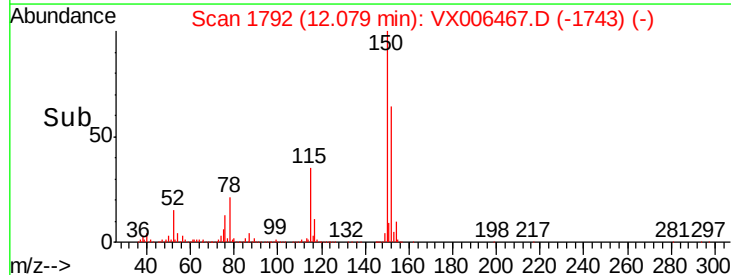
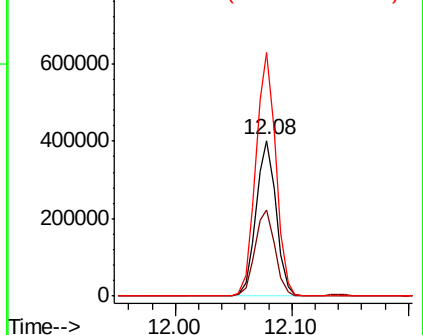
150 156.8 0.0 345.8

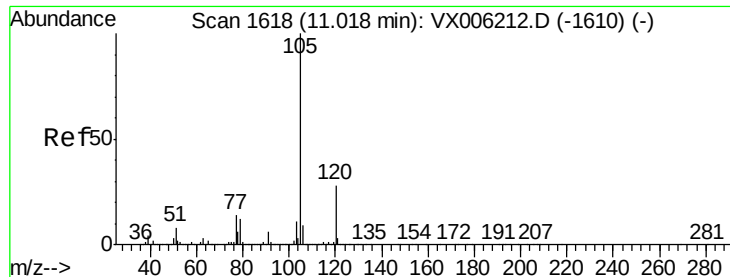


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.588 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

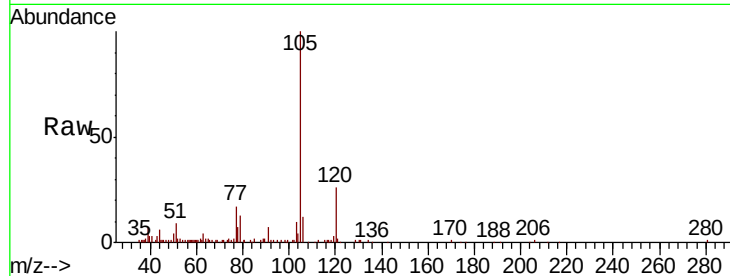
CL-01-121018-B

Tot Ion:105 Resp: 19550

Ion Ratio Lower Upper

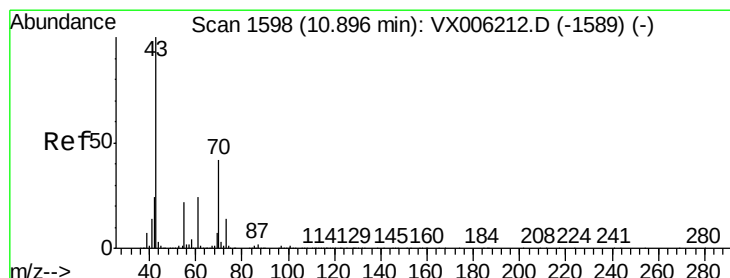
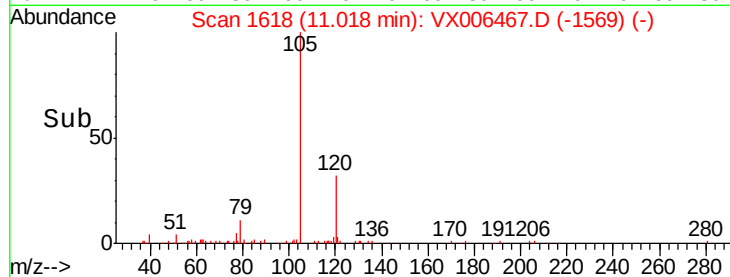
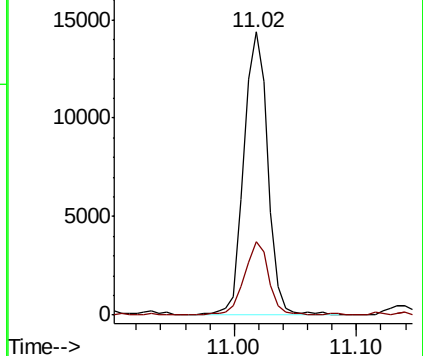
105 100

120 26.6 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.905 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Tgt Ion: 43 Resp: 27285

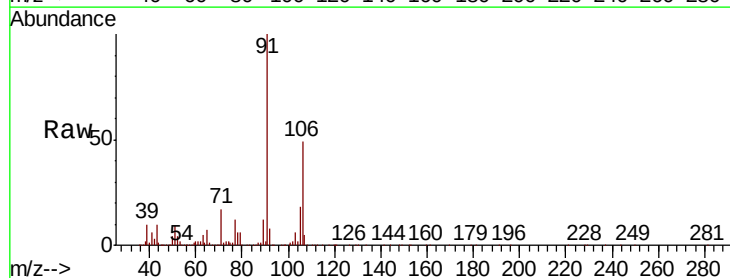
Ion Ratio Lower Upper

43 100

70 2.9 34.1 51.1#

55 6.2 17.8 26.8#

61 19.9 19.7 29.5

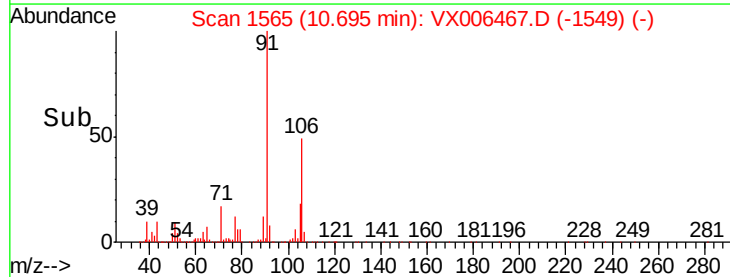
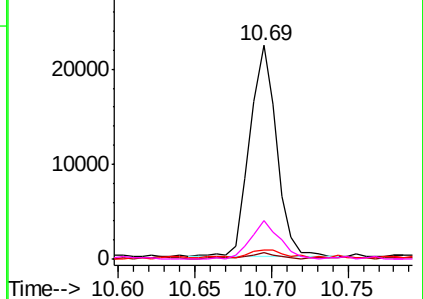


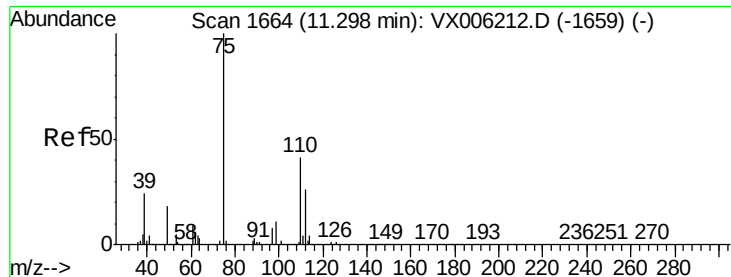
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.630 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

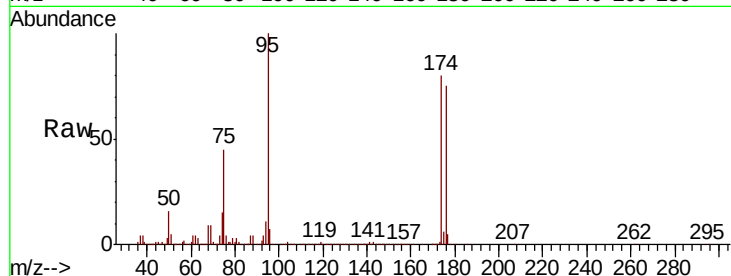
CL-01-121018-B

Tot Ion: 75 Resp: 210366

Ion Ratio Lower Upper

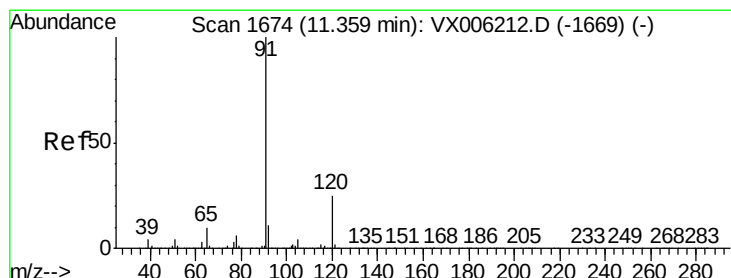
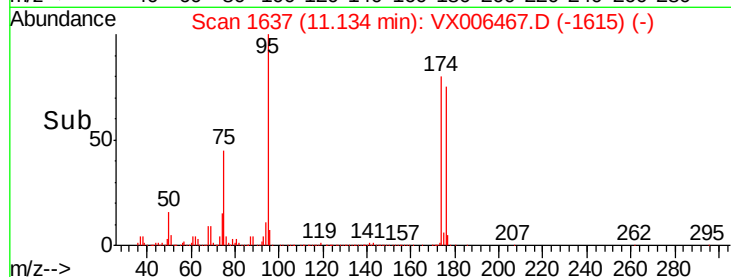
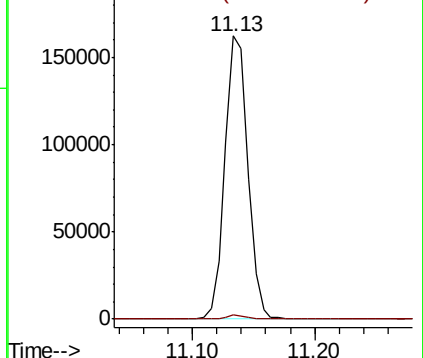
75 100

77 1.4 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 2.602 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006467.D

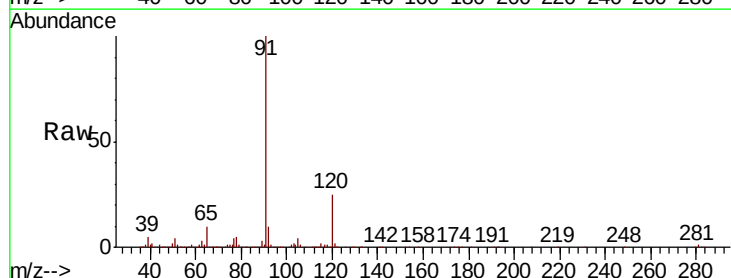
Acq: 13 Dec 2018 01:59

Tgt Ion: 91 Resp: 96203

Ion Ratio Lower Upper

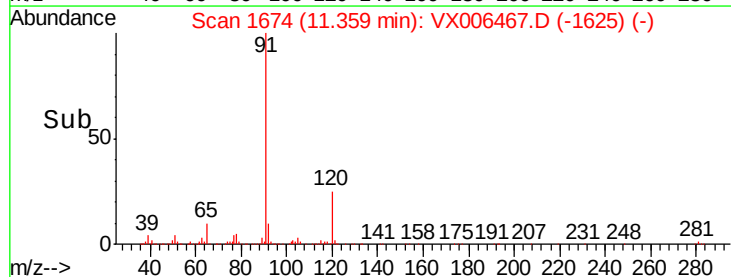
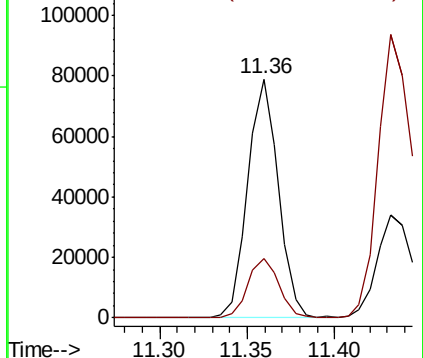
91 100

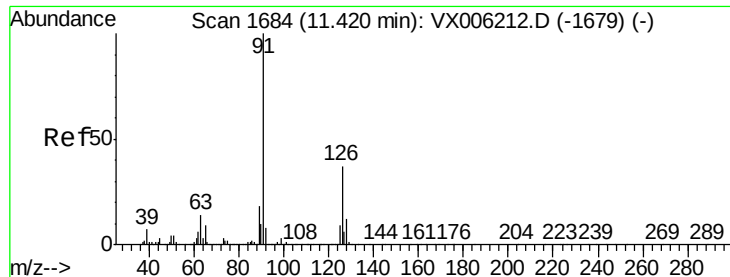
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.615 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

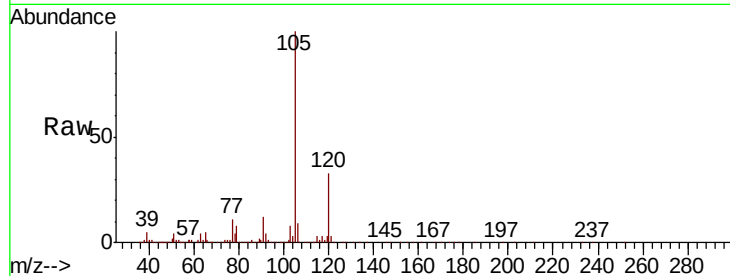
CL-01-121018-B

Tot Ion: 91 Resp: 57468

Ion Ratio Lower Upper

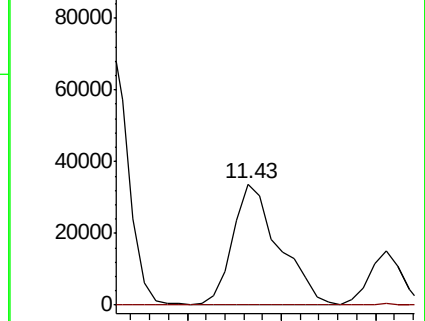
91 100

126 0.7 18.6 56.0#

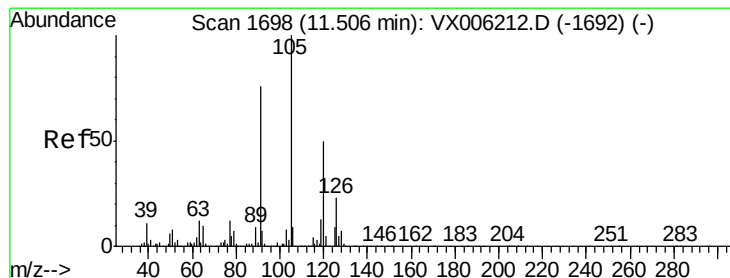
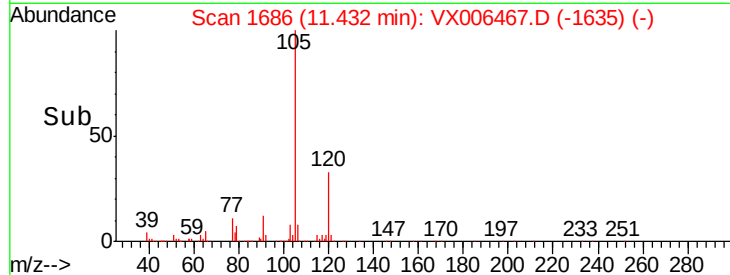


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006467.D

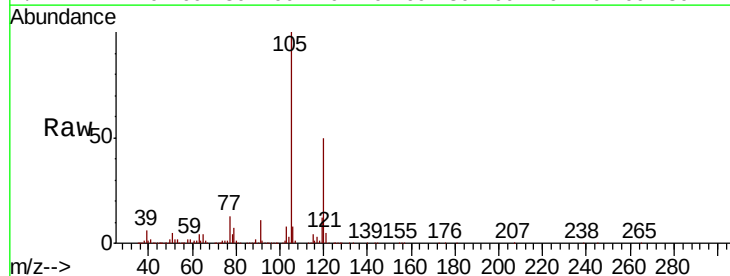
Acq: 13 Dec 2018 01:59

Tgt Ion:105 Resp: 163018

Ion Ratio Lower Upper

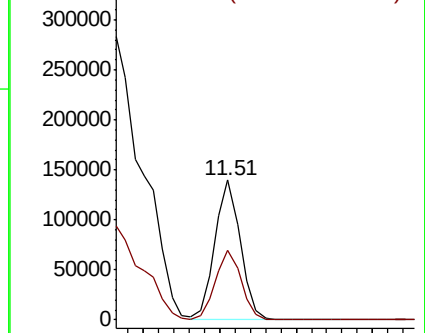
105 100

120 50.3 25.4 76.0

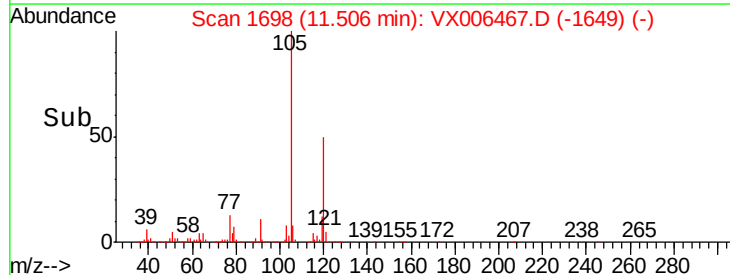


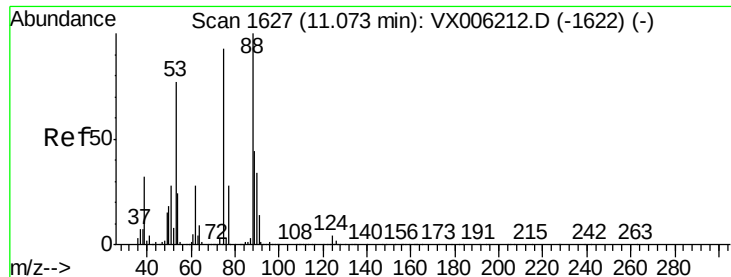
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.107 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

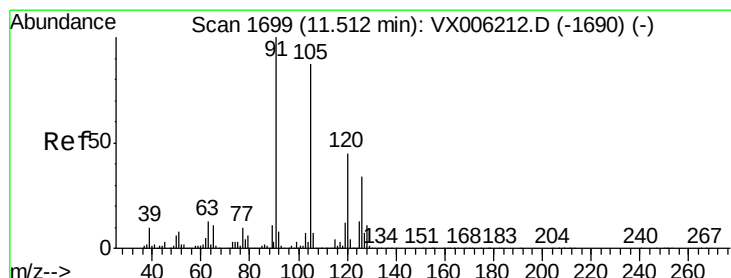
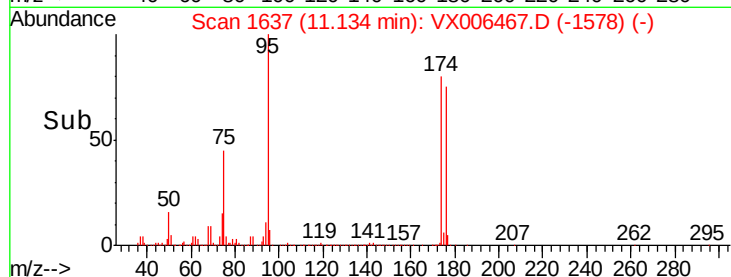
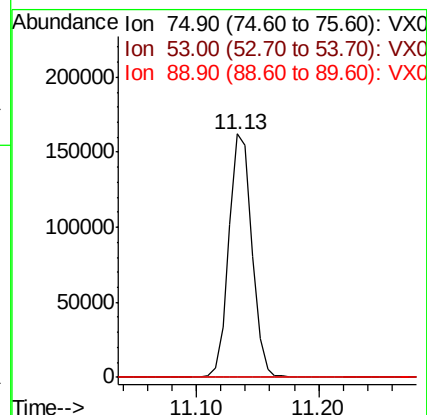
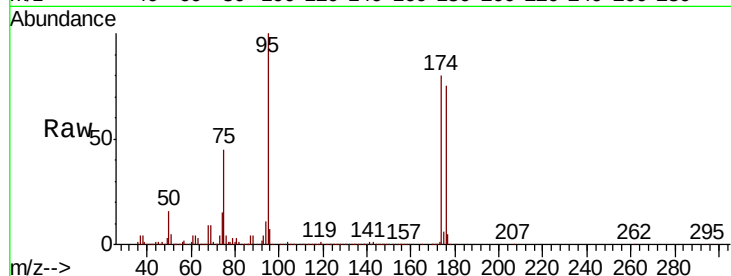
Tot Ion: 75 Resp: 210366

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#



#82

4-Chlorotoluene

Concen: 0.702 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006467.D

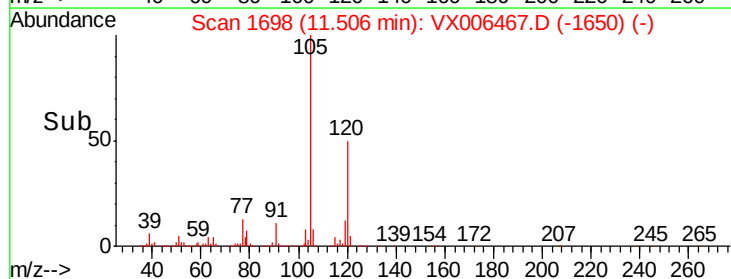
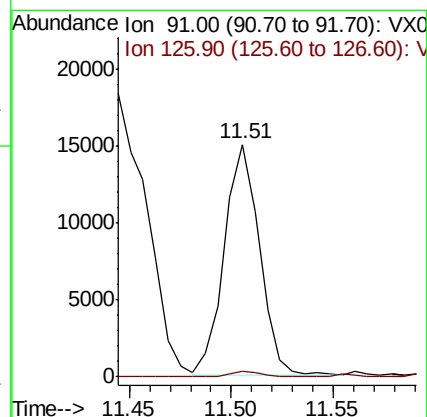
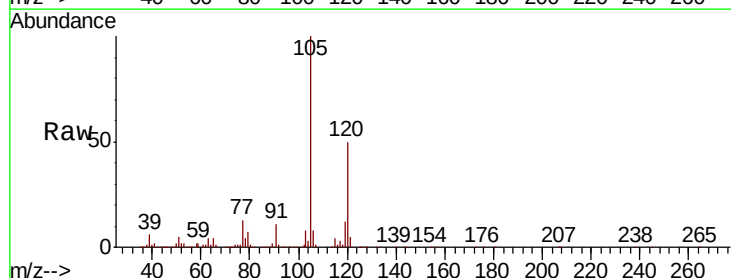
Acq: 13 Dec 2018 01:59

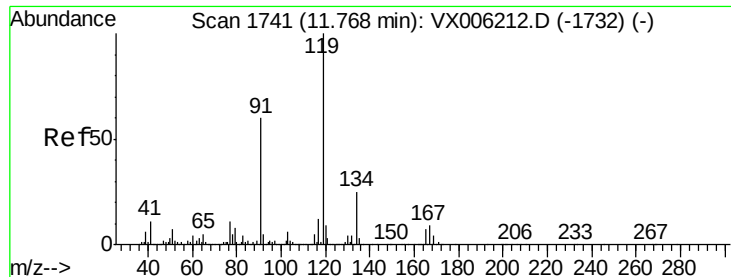
Tgt Ion: 91 Resp: 17933

Ion Ratio Lower Upper

91 100

126 2.6 16.4 49.4#





#83

tert-Butylbenzene

Concen: 0.261 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

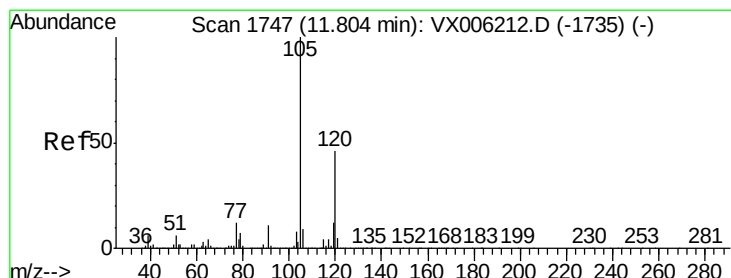
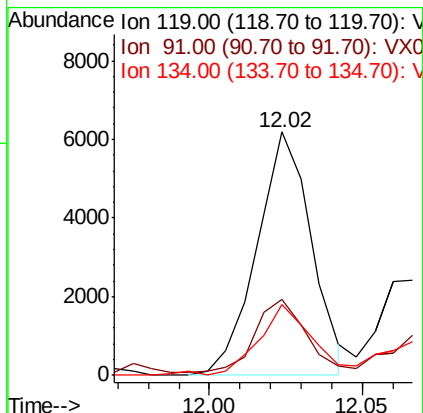
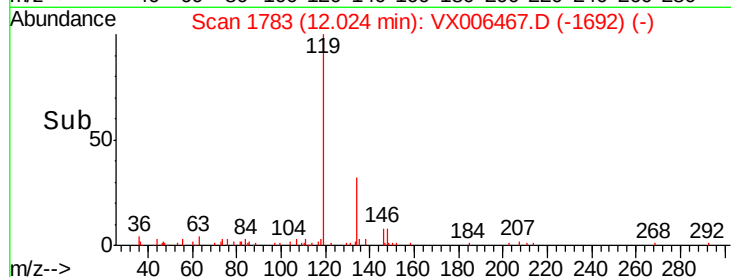
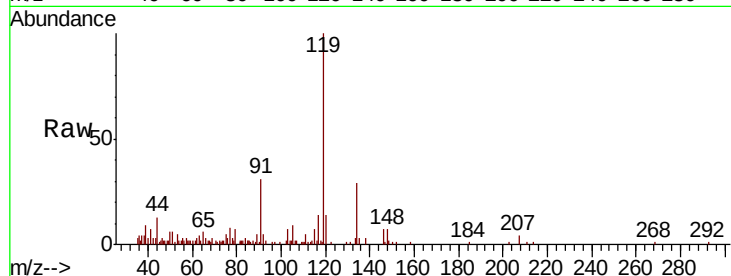
Tot Ion:119 Resp: 7692

Ion Ratio Lower Upper

119 100

91 27.2 26.4 79.2

134 28.2 11.6 34.7



#84

1,2,4-Trimethylbenzene

Concen: 20.539 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006467.D

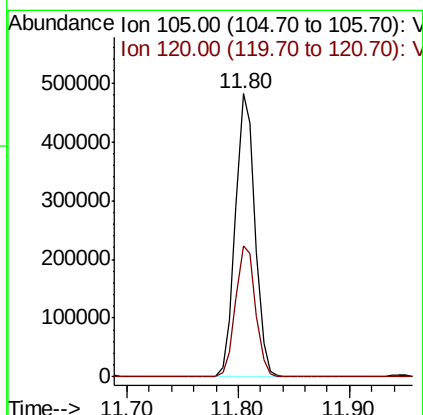
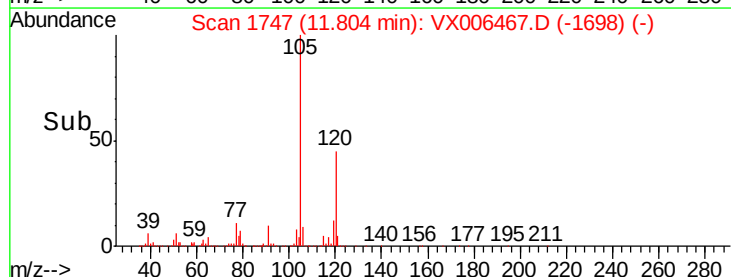
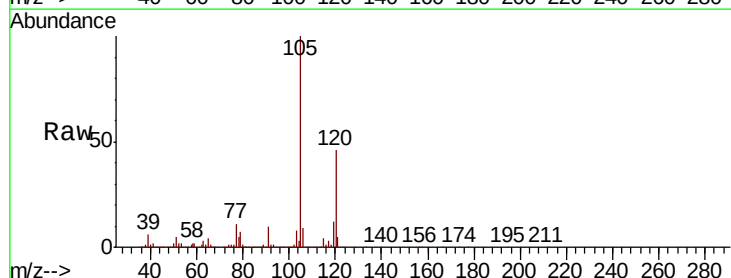
Acq: 13 Dec 2018 01:59

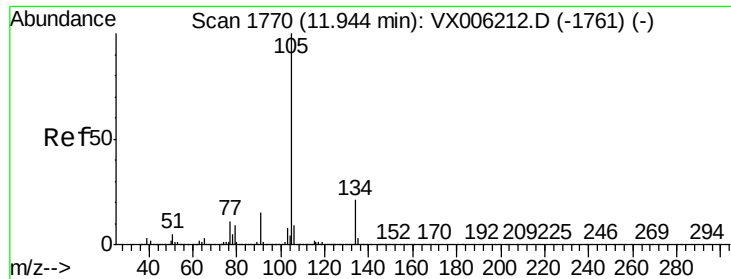
Tgt Ion:105 Resp: 586900

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 17.473 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

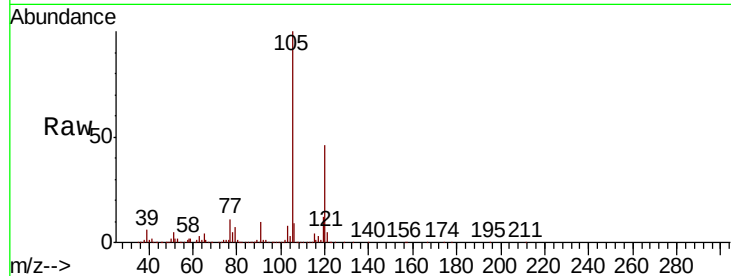
CL-01-121018-B

Tot Ion:105 Resp: 586900

Ion Ratio Lower Upper

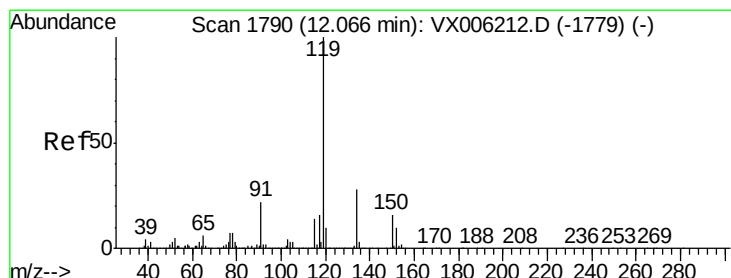
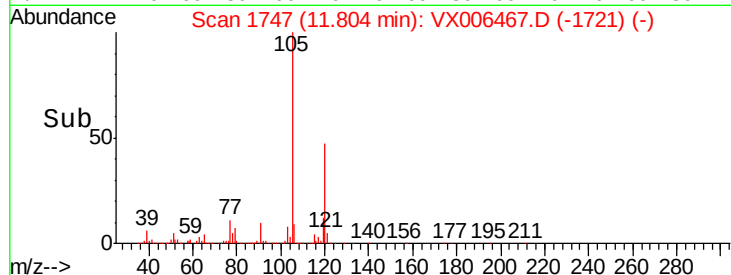
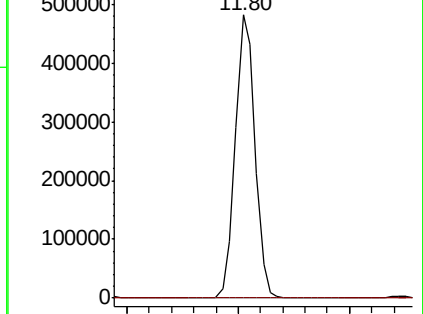
105 100

134 0.0 10.8 32.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.260 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

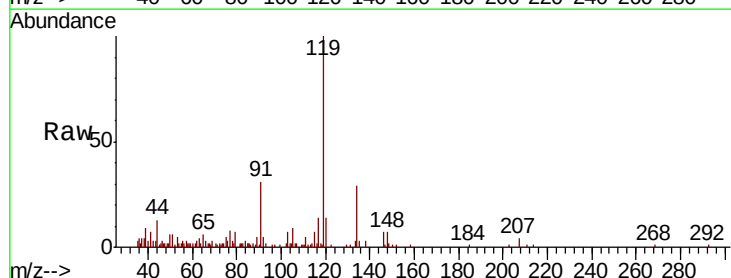
Tgt Ion:119 Resp: 7860

Ion Ratio Lower Upper

119 100

134 28.6 13.9 41.6

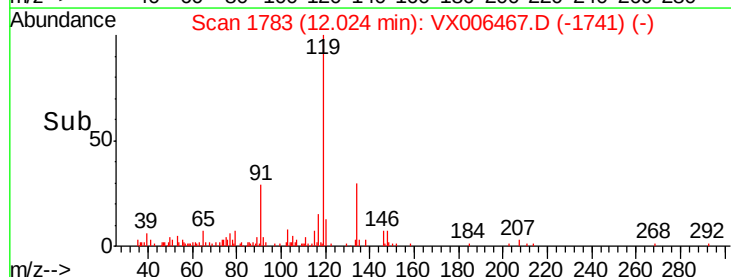
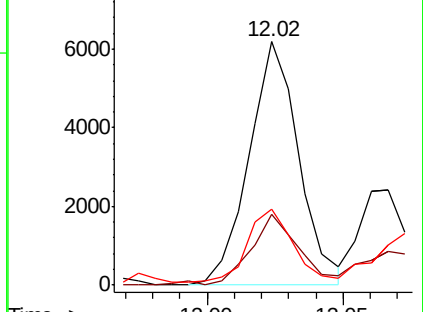
91 27.4 11.3 33.8

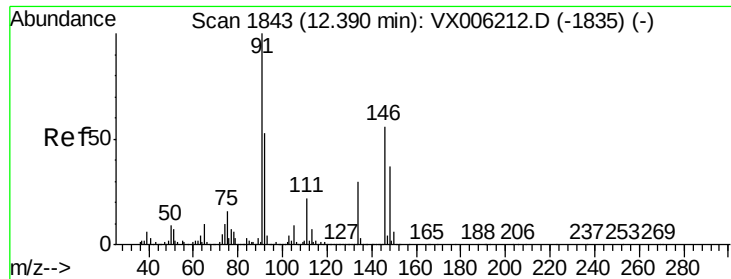


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

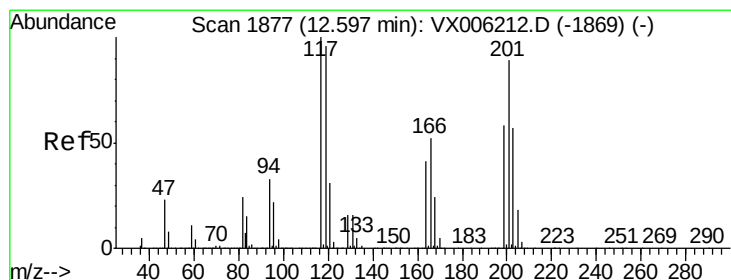
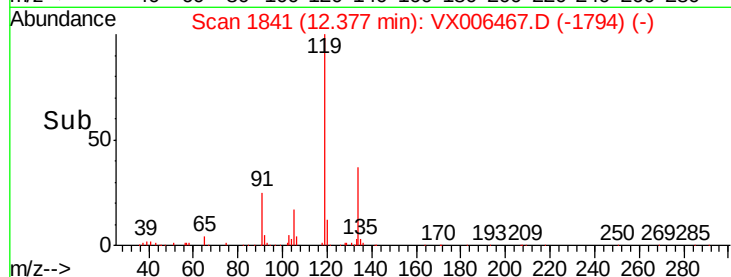
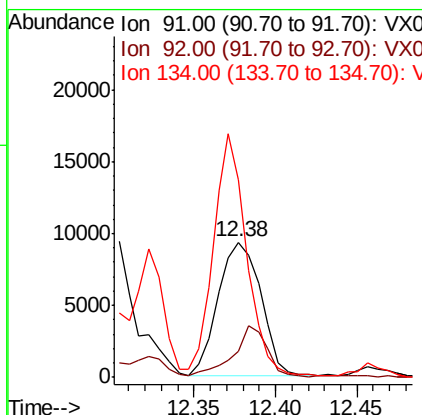
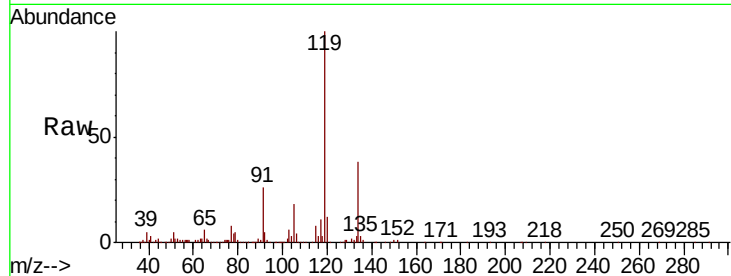




#89
n-Butylbenzene
Concen: 0.656 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

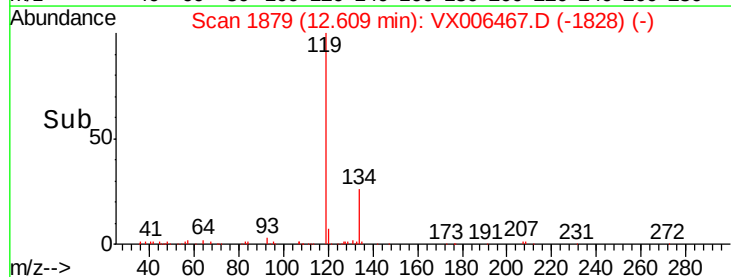
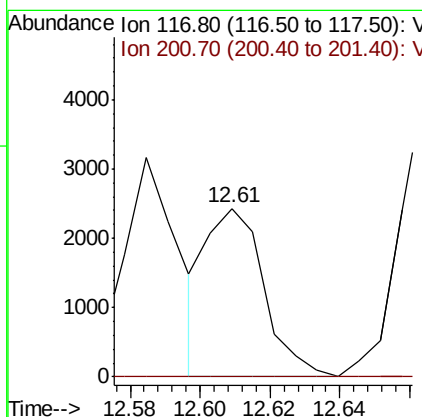
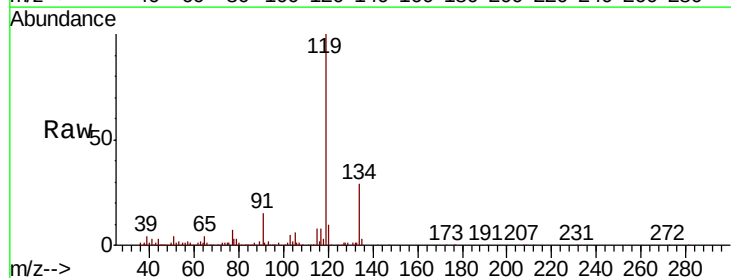
Instrument :
MSVOA_X
ClientSampleId :
CL-01-121018-B

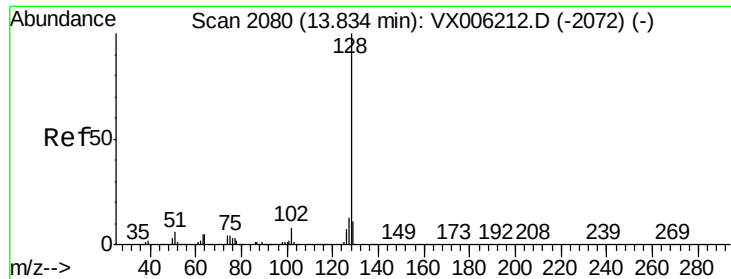
Tot Ion: 91 Resp: 16918
Ion Ratio Lower Upper
91 100
92 30.1 26.6 79.8
134 142.5 14.8 44.3#



#90
Hexachloroethane
Concen: 0.454 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX006467.D
Acq: 13 Dec 2018 01:59

Tgt Ion: 117 Resp: 2797
Ion Ratio Lower Upper
117 100
201 0.0 44.7 134.1#





#95

Naphthalene

Concen: 3.866 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006467.D

Acq: 13 Dec 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

CL-01-121018-B

Tot Ion:128 Resp: 142995

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.2 8.9 13.3

