

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
 Data File : VX011626.D
 Acq On : 19 Aug 2019 12:58
 Operator : JC/SP
 Sample : K4351-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142

Quant Time: Aug 20 09:37:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	448486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	609675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	538326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	285610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	200960	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	5.49	113	177105	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
50) Toluene-d8	8.71	98	707073	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
62) 4-Bromofluorobenzene	11.13	95	248739	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds					Qvalue	
3) Chloromethane	1.29	50	9820	2.145	ug/l #	66
11) Tert butyl alcohol	3.02	59	1368	1.341	ug/l #	71
13) Acrolein	2.26	56	5628	29.236	ug/l #	1
14) Allyl chloride	2.84	41	58568	9.207	ug/l #	28
15) Acrylonitrile	3.17	53	14873	6.369	ug/l #	46
16) Acetone	2.43	43	6884	3.292	ug/l	96
18) Methyl Acetate	2.84	43	127870	19.715	ug/l #	51
25) 2-Butanone	4.67	43	16905	5.149	ug/l	91
29) Tetrahydrofuran	5.15	42	527	0.245	ug/l #	32
31) Cyclohexane	5.58	56	4980126	807.558	ug/l	96
36) 1,1-Dichloropropene	5.65	75	25666	4.924	ug/l #	50
37) Ethyl Acetate	4.67	43	16905	2.820	ug/l #	70
38) Carbon Tetrachloride	5.65	117	37822	6.586	ug/l #	16
39) Methylcyclohexane	7.46	83	4731309	734.989	ug/l	98
40) Benzene	6.13	78	7817	0.483	ug/l #	85
43) Isopropyl Acetate	6.45	43	47117	5.036	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	39530	9.785	ug/l #	1
47) Bromodichloromethane	7.85	83	4937	0.916	ug/l #	89
48) Methyl methacrylate	7.73	41	202244	43.647	ug/l #	45
49) 1,4-Dioxane	7.74	88	184	1.493	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	26096	4.261	ug/l #	42
52) Toluene	8.79	92	6794023	658.336	ug/l	93
53) t-1,3-Dichloropropene	8.79	75	78478	14.028	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	134761	30.707	ug/l #	19
56) Ethyl methacrylate	9.16	69	28243	4.428	ug/l #	2
58) 2-Chloroethyl Vinyl ether	8.40	63	713	0.224	ug/l	93
59) 2-Hexanone	9.49	43	1270	0.269	ug/l	66
68) m/p-Xylenes	10.26	106	12316770	1674.492	ug/l #	1
69) o-Xylene	10.71	106	6567468	911.518	ug/l	86
70) Styrene	10.71	104	334265	27.559	ug/l #	1
71) Bromoform	10.93	173	90	3.312	ug/l #	28
73) Isopropylbenzene	11.02	105	3104930	167.537	ug/l	99
74) N-amyl acetate	10.91	43	2413	0.306	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	1938	0.304	ug/l #	26

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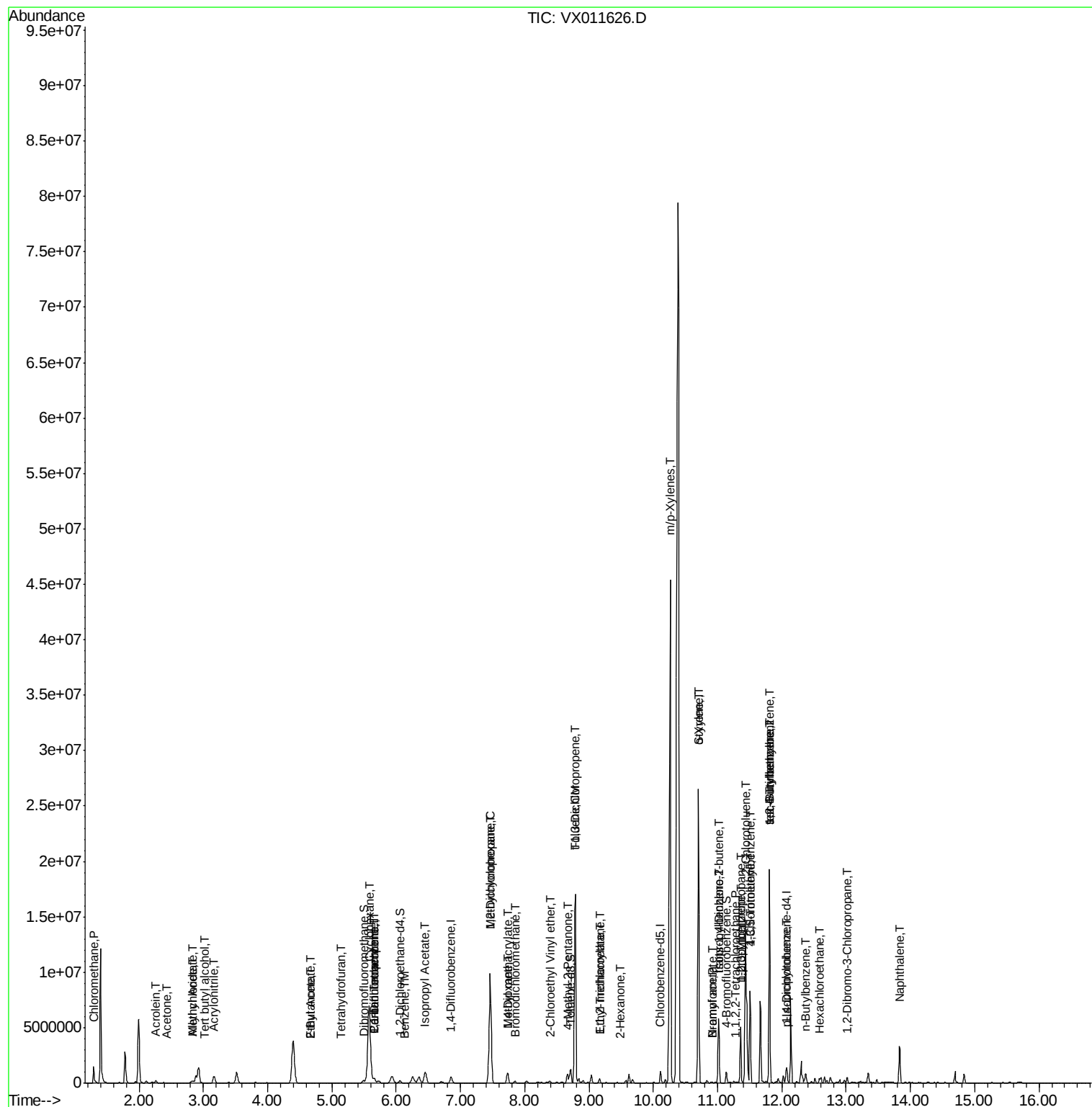
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.36	75	19367	3.576	ug/l #	1
78) n-propylbenzene	11.36	91	3021846	151.213	ug/l	98
79) 2-Chlorotoluene	11.43	91	1285131	104.728	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	3426720	220.110	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	35839	20.804	ug/l #	69
82) 4-Chlorotoluene	11.51	91	369099	25.926	ug/l #	42
83) tert-Butylbenzene	11.81	119	1150526	72.561	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.81	105	8485753	542.938	ug/l	97
85) sec-Butylbenzene	11.81	105	8485753	474.349	ug/l #	54
86) p-Isopropyltoluene	12.06	119	162609	9.662	ug/l	98
89) n-Butylbenzene	12.38	91	128399	9.280	ug/l #	26
90) Hexachloroethane	12.58	117	20402	7.677	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1581	1.084	ug/l #	1
95) Naphthalene	13.83	128	2164824	108.025	ug/l	100

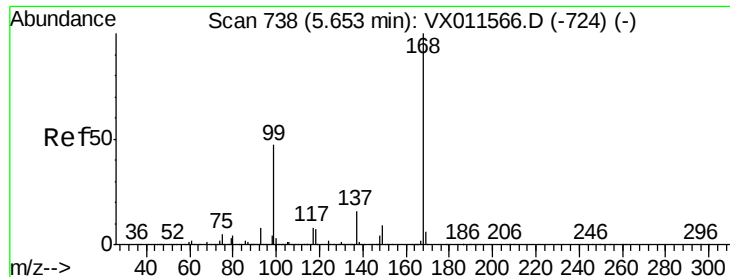
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

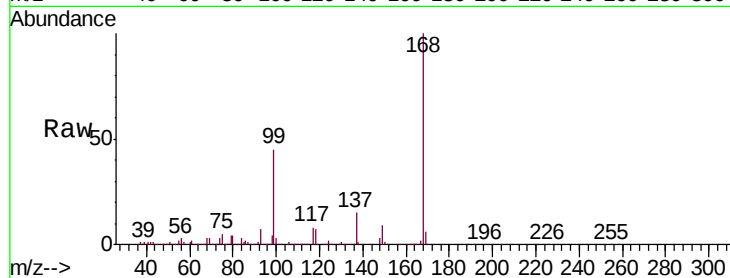
PH2-0142

Tgt Ion:168 Resp: 448486

Ion Ratio Lower Upper

168 100

99 45.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

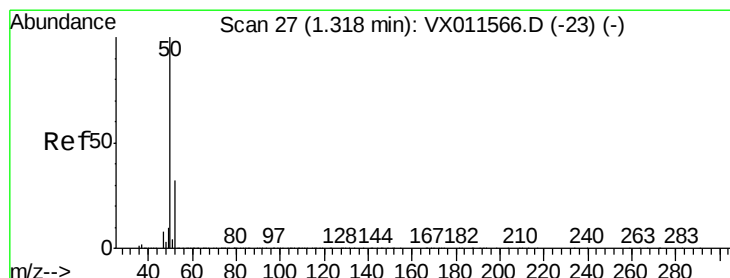
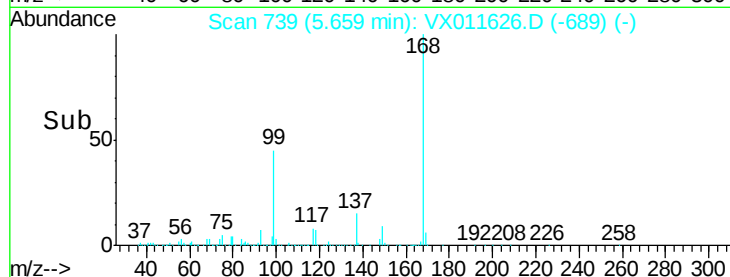
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 2.145 ug/l

RT: 1.29 min Scan# 23

Delta R.T. -0.02 min

Lab File: VX011626.D

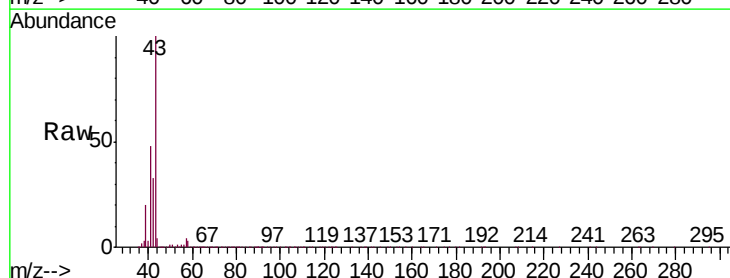
Acq: 19 Aug 2019 12:58

Tgt Ion: 50 Resp: 9820

Ion Ratio Lower Upper

50 100

52 13.5 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

150000

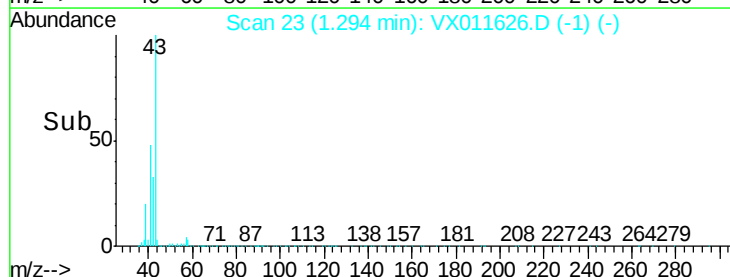
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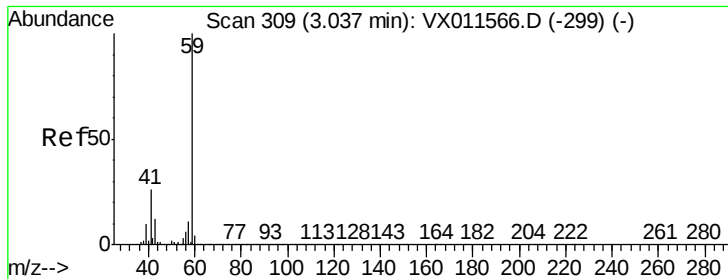
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Time-->

1.25 1.30 1.35

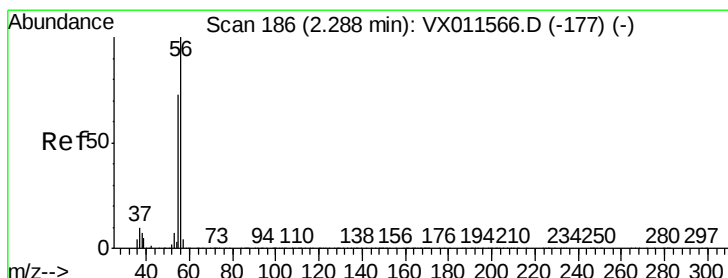
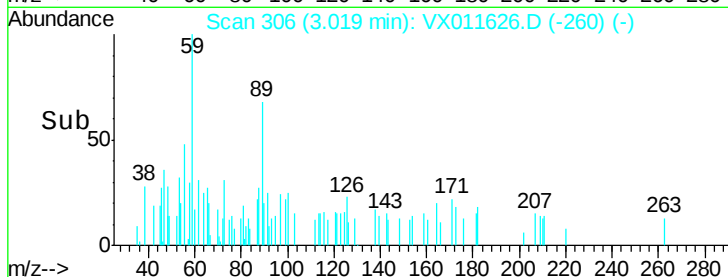
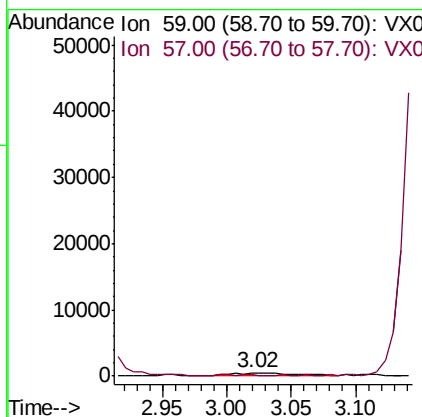
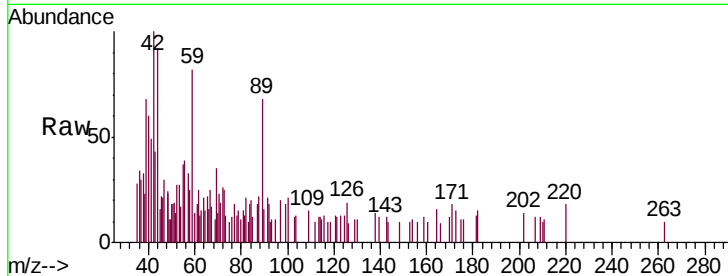




#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.02 min
Lab File: VX011626.D
Acq: 19 Aug 2019 12:58

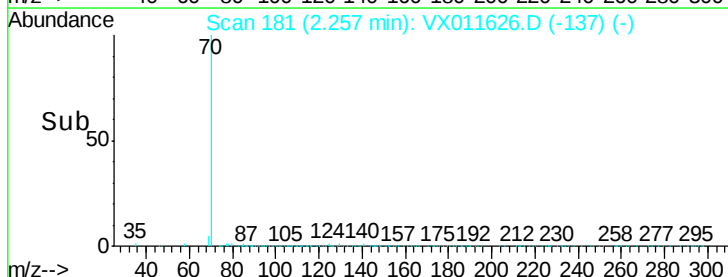
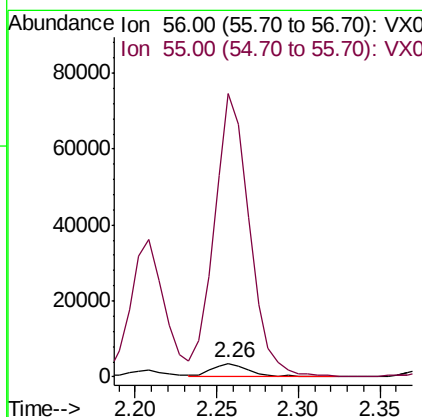
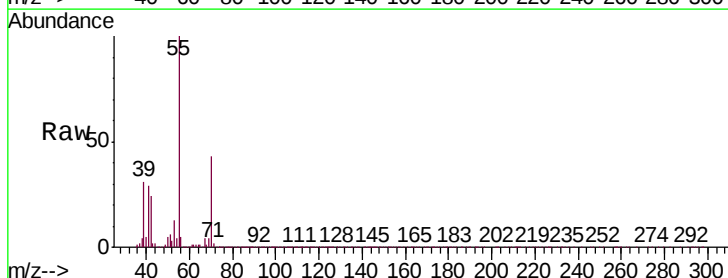
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142

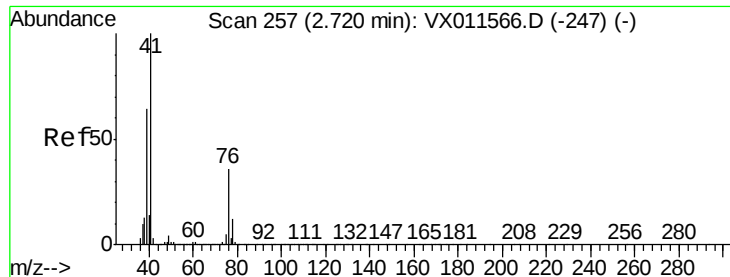
Tgt Ion: 59 Resp: 1368
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 29.236 ug/l
RT: 2.26 min Scan# 181
Delta R.T. -0.03 min
Lab File: VX011626.D
Acq: 19 Aug 2019 12:58

Tgt Ion: 56 Resp: 5628
Ion Ratio Lower Upper
56 100
55 1978.9 55.5 83.3#





#14

Allyl chloride

Concen: 9.207 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.12 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

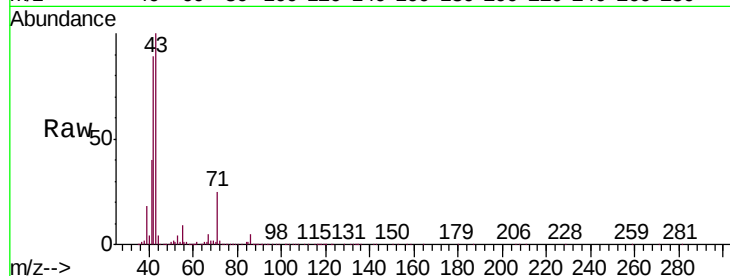
Tgt Ion: 41 Resp: 58568

Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

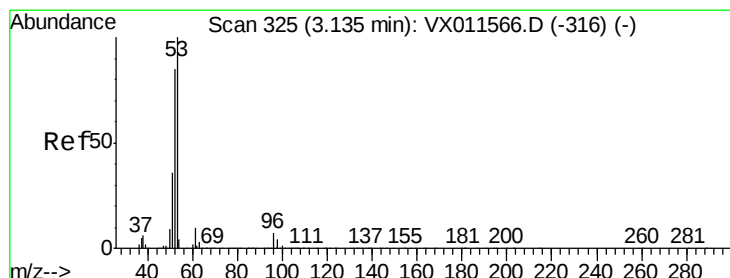
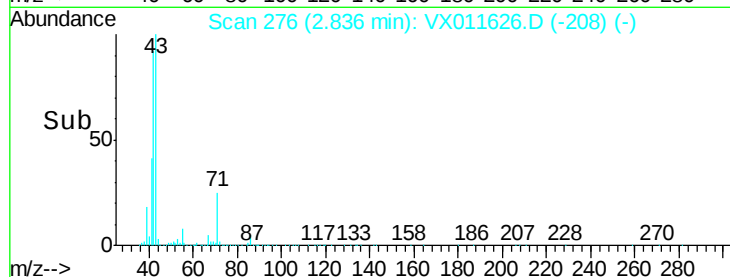
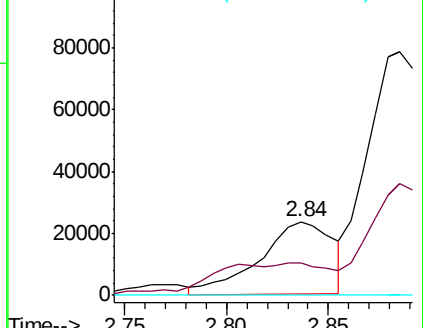
76 0.0 26.3 39.5#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 6.369 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.03 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

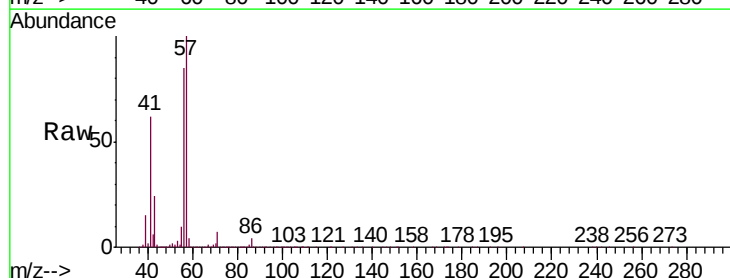
Tgt Ion: 53 Resp: 14873

Ion Ratio Lower Upper

53 100

52 24.4 66.7 100.1#

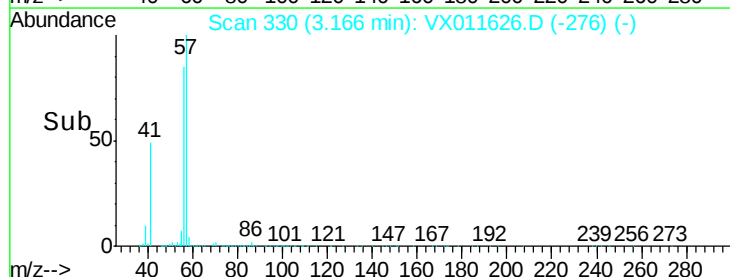
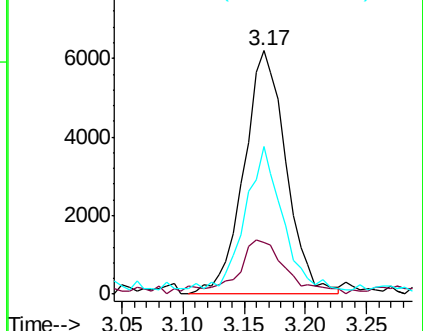
51 52.4 28.7 43.1#

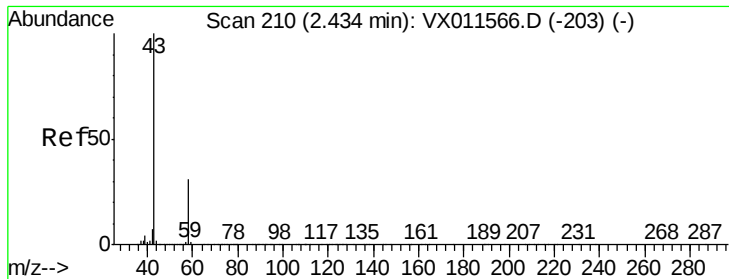


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 3.292 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

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ClientSampleId :

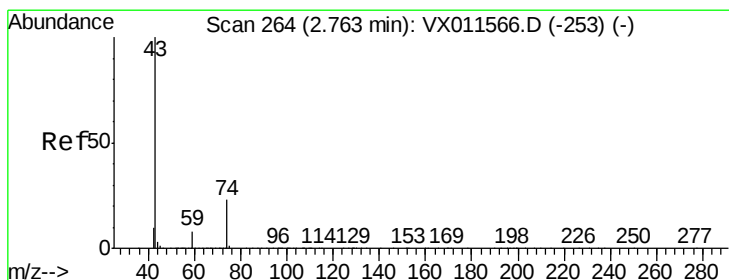
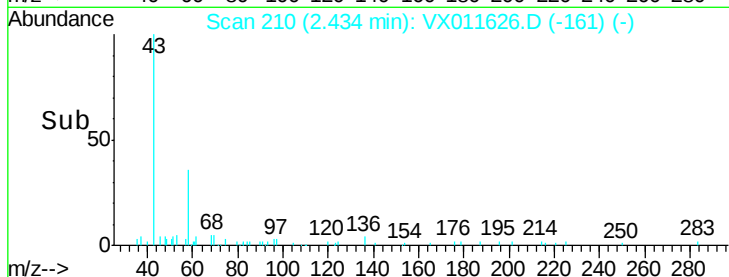
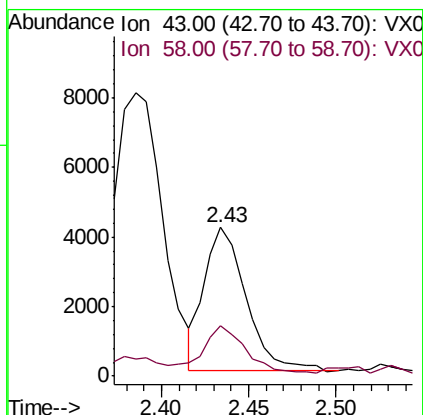
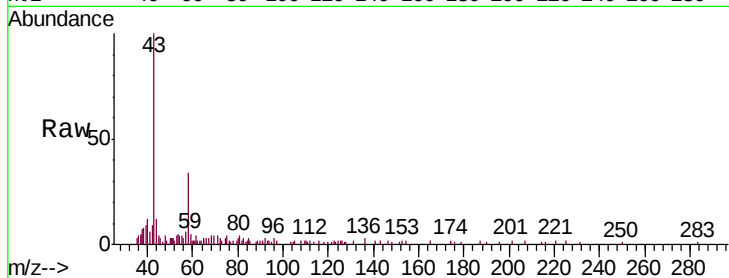
PH2-0142

Tgt Ion: 43 Resp: 6884

Ion Ratio Lower Upper

43 100

58 29.6 25.2 37.8



#18

Methyl Acetate

Concen: 19.715 ug/l

RT: 2.84 min Scan# 276

Delta R.T. 0.07 min

Lab File: VX011626.D

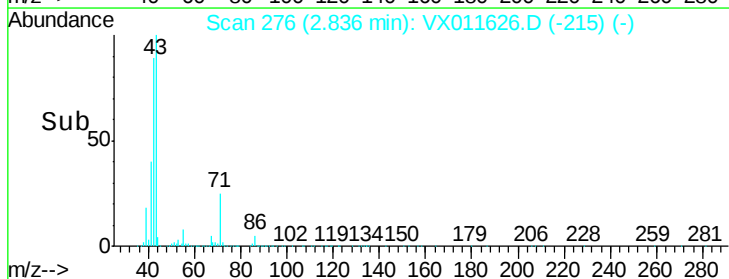
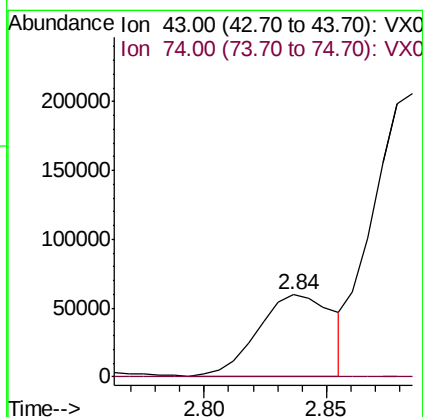
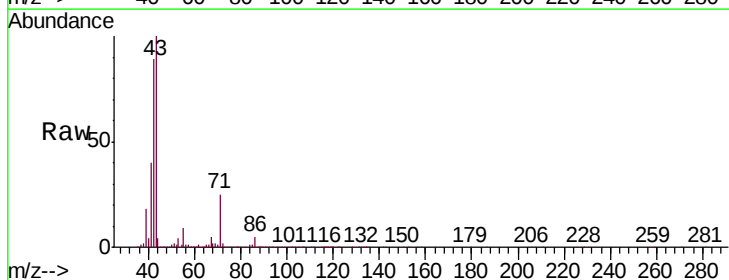
Acq: 19 Aug 2019 12:58

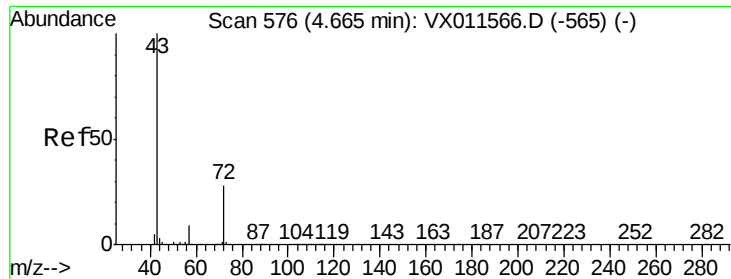
Tgt Ion: 43 Resp: 127870

Ion Ratio Lower Upper

43 100

74 0.1 19.7 29.5#

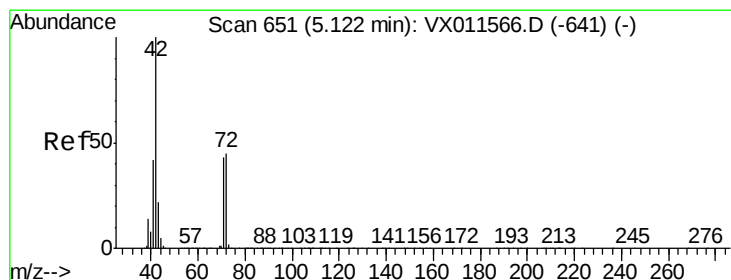
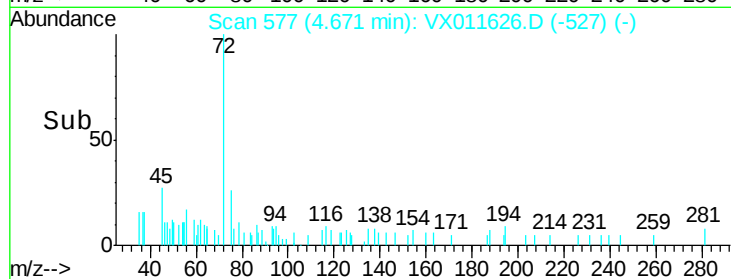
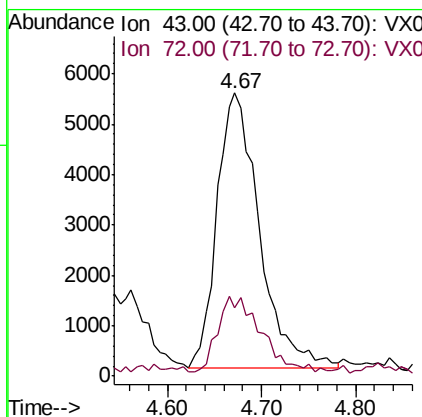
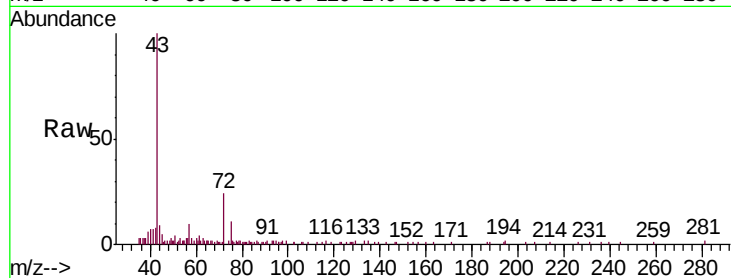




#25
2-Butanone
Concen: 5.149 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.01 min
Lab File: VX011626.D
Acq: 19 Aug 2019 12:58

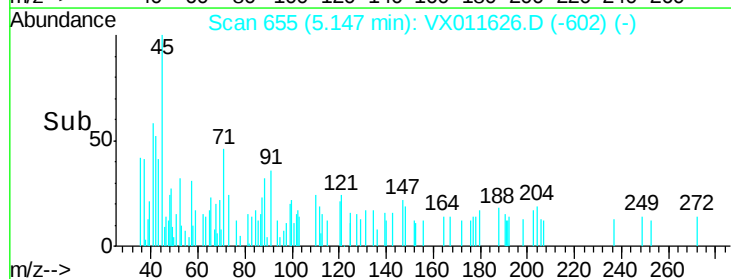
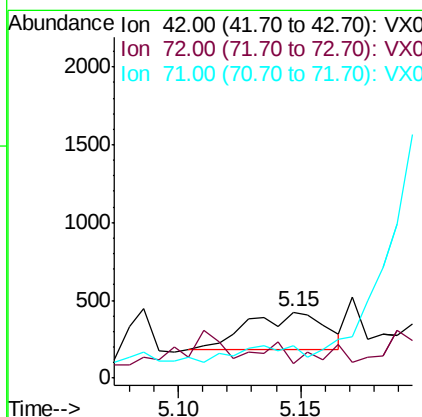
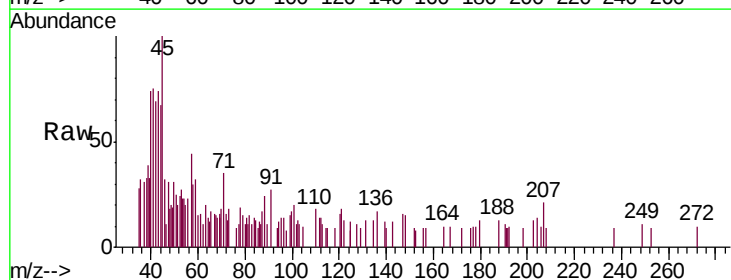
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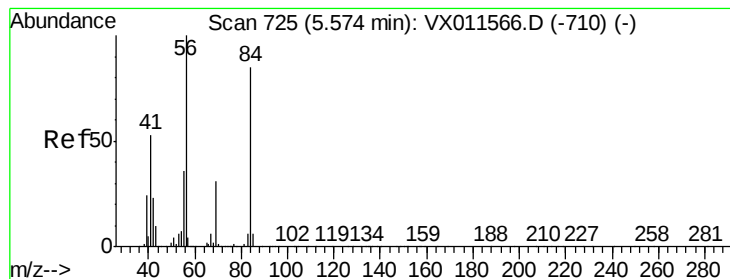
Tgt Ion: 43 Resp: 16905
Ion Ratio Lower Upper
43 100
72 23.2 22.2 33.4



#29
Tetrahydrofuran
Concen: 0.245 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX011626.D
Acq: 19 Aug 2019 12:58

Tgt Ion: 42 Resp: 527
Ion Ratio Lower Upper
42 100
72 0.0 36.1 54.1#
71 0.0 33.8 50.8#





#31

Cyclohexane

Concen: 807.558 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

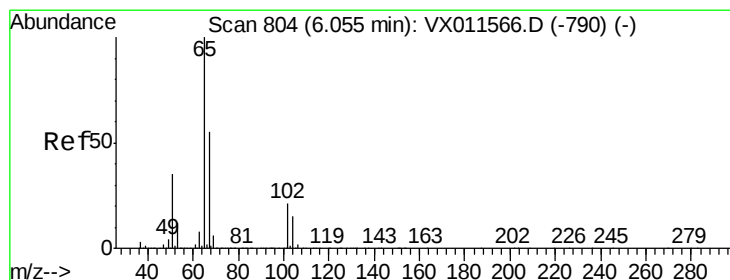
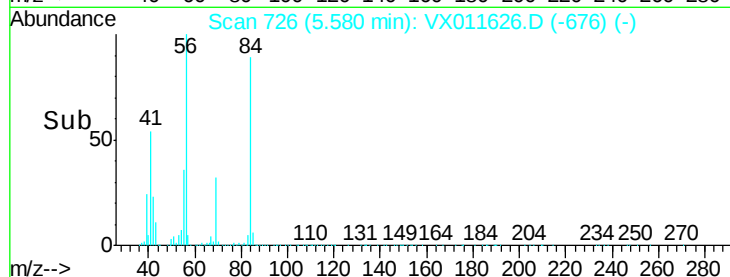
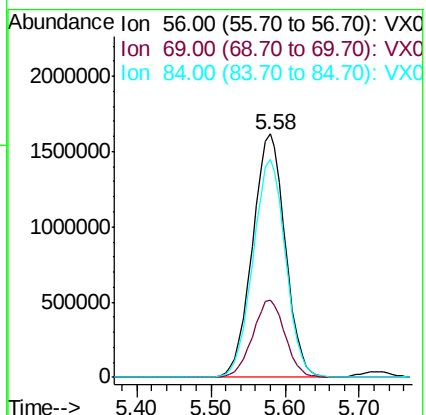
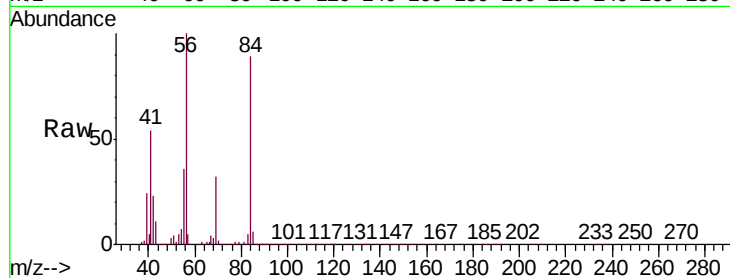
Tgt Ion: 56 Resp: 4980126

Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

84 89.4 67.9 101.9



#33

1,2-Dichloroethane-d4

Concen: 48.318 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011626.D

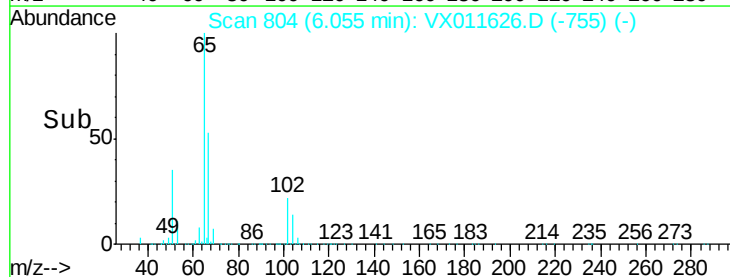
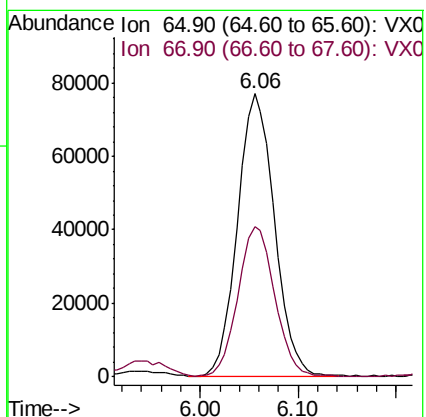
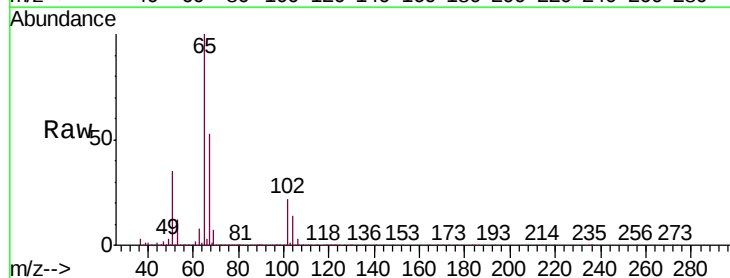
Acq: 19 Aug 2019 12:58

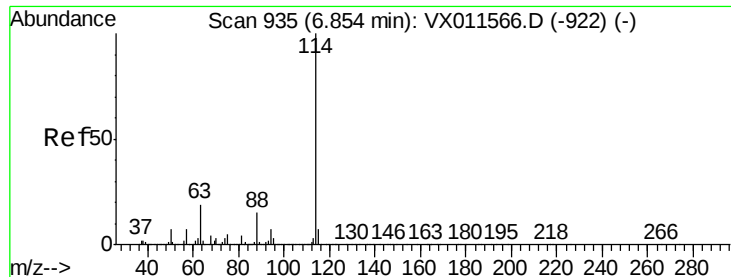
Tgt Ion: 65 Resp: 200960

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

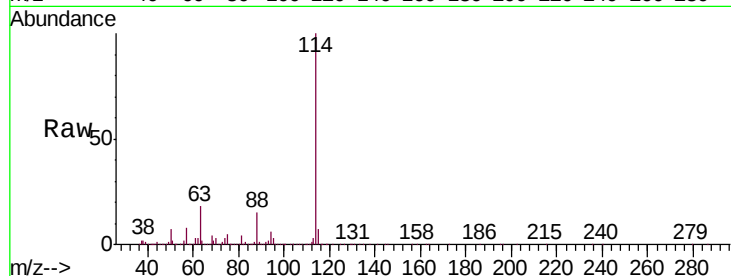
Tgt Ion:114 Resp: 609675

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

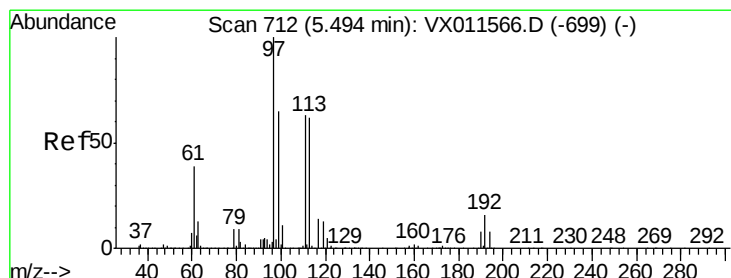
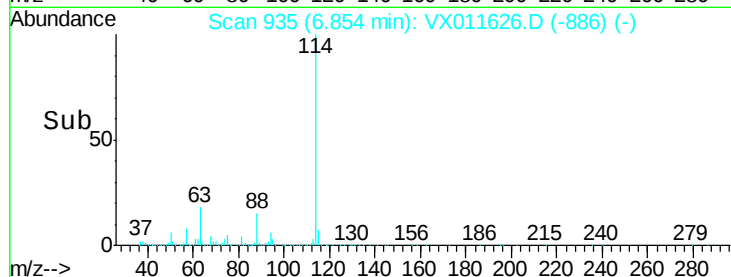
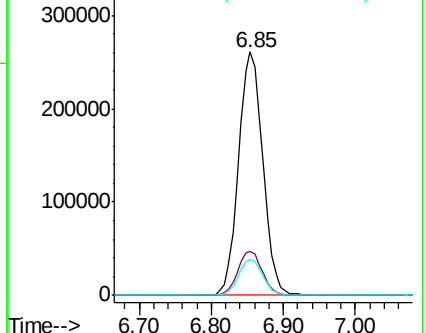
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 44.413 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

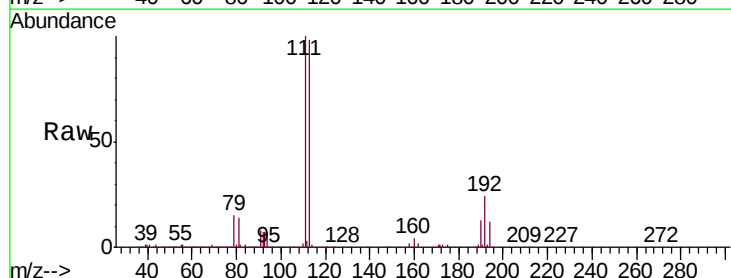
Tgt Ion:113 Resp: 177105

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

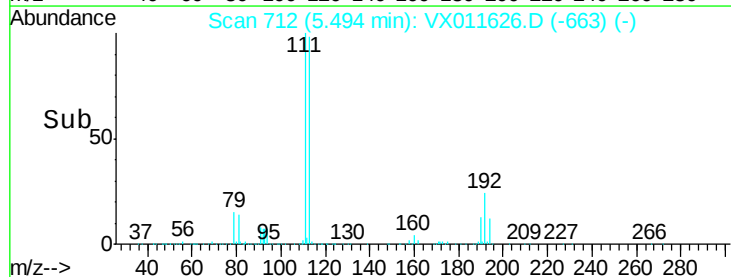
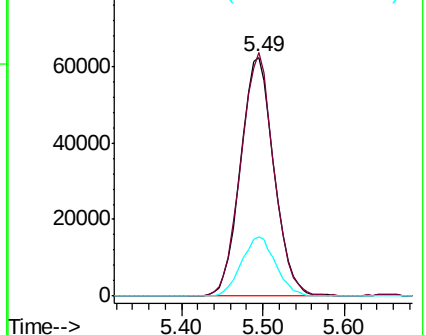
192 25.5 20.8 31.2

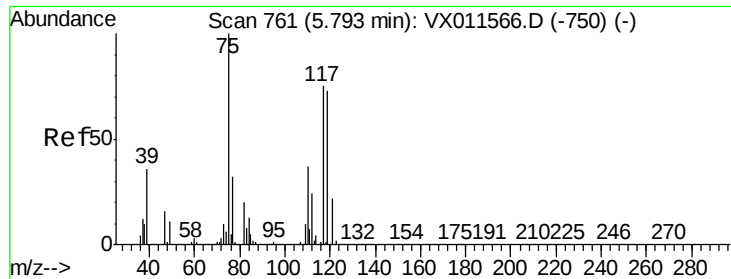


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

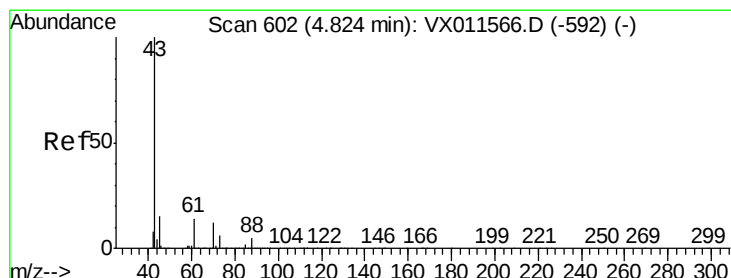
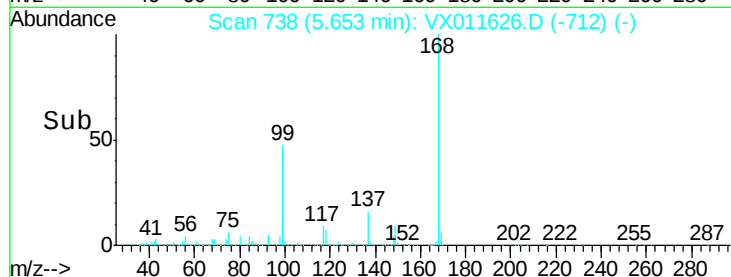
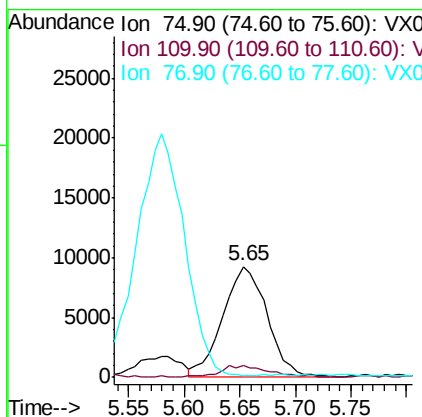
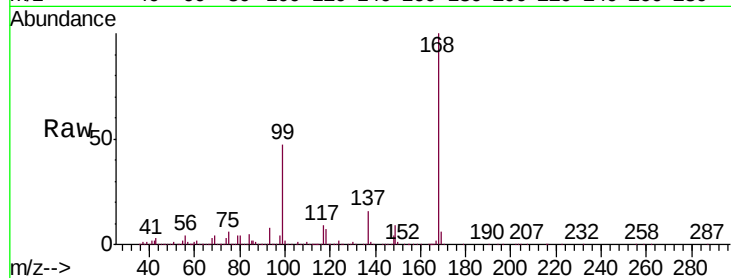




#36
 1,1-Dichloropropene
 Concen: 4.924 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

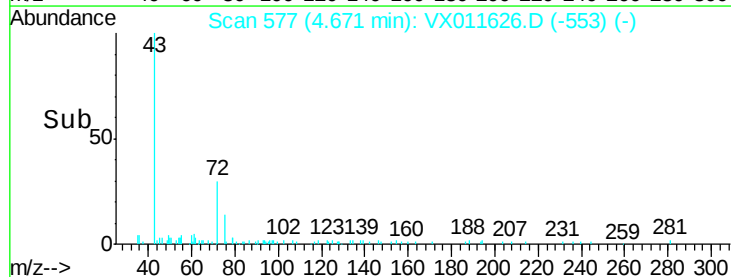
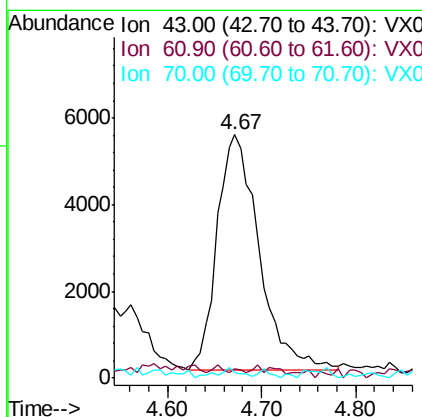
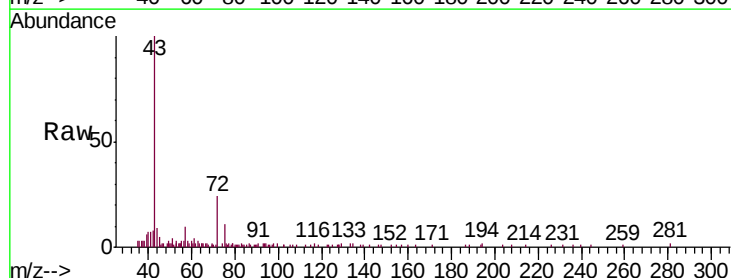
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142

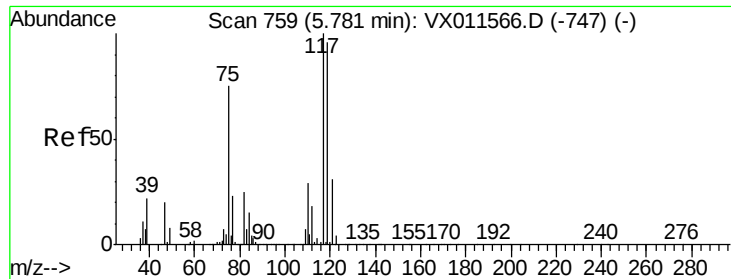
Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.9	19.4	58.1#
77	0.0	25.1	37.7#



#37
 Ethyl Acetate
 Concen: 2.820 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.15 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.7	11.4	17.0#
70	1.1	9.0	13.6#

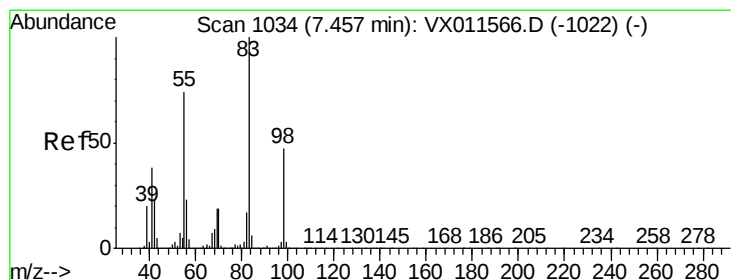
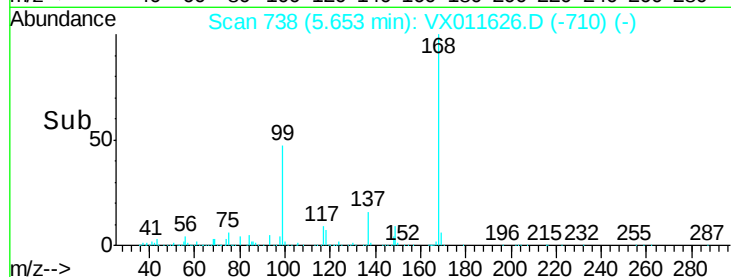
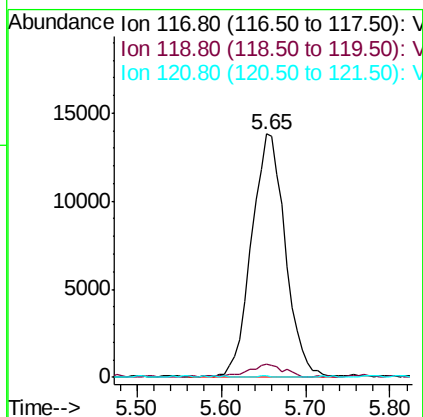
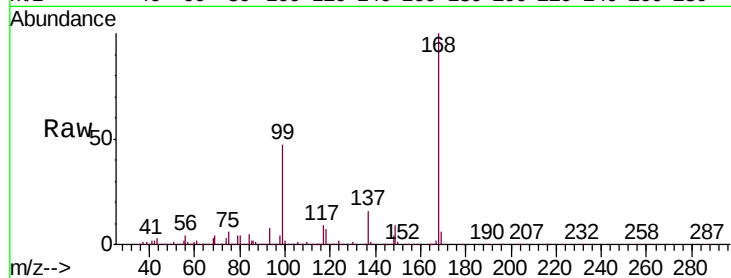




#38
Carbon Tetrachloride
Concen: 6.586 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011626.D
Acq: 19 Aug 2019 12:58

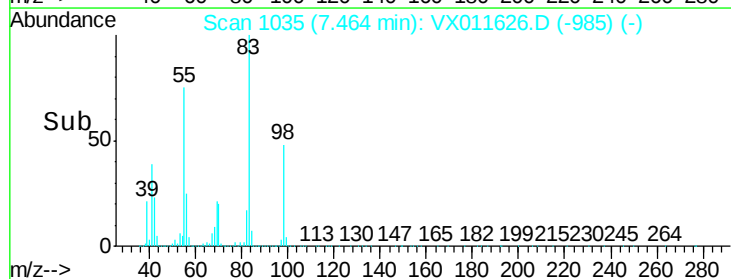
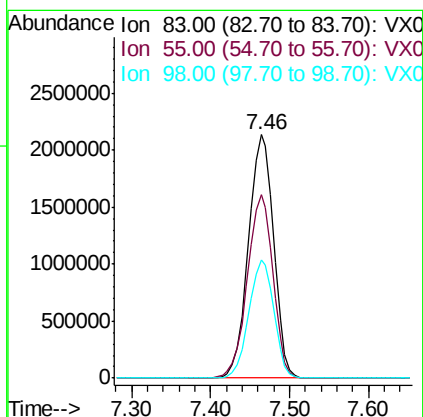
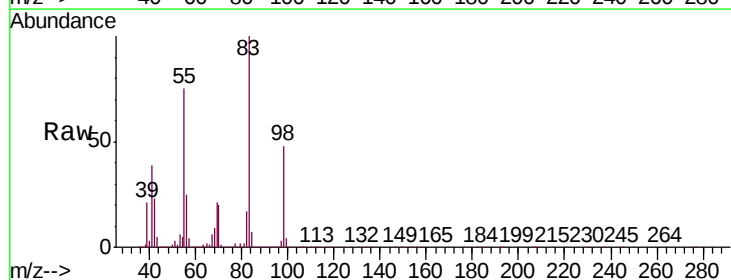
Instrument :
MSVOA_X
ClientSampleId :
PH2-0142

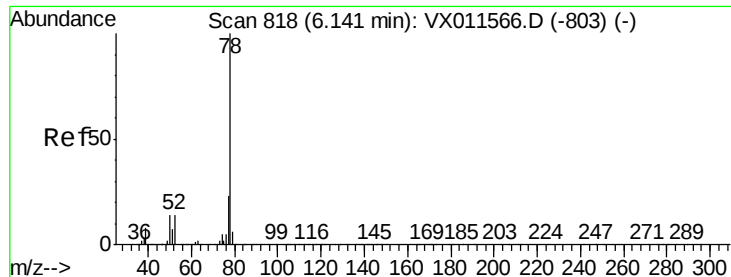
Tgt Ion: 117 Resp: 37822
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.2 24.8 37.2#



#39
Methylcyclohexane
Concen: 734.989 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011626.D
Acq: 19 Aug 2019 12:58

Tgt Ion: 83 Resp: 4731309
Ion Ratio Lower Upper
83 100
55 75.2 58.8 88.2
98 48.5 37.8 56.6





#40

Benzene

Concen: 0.483 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

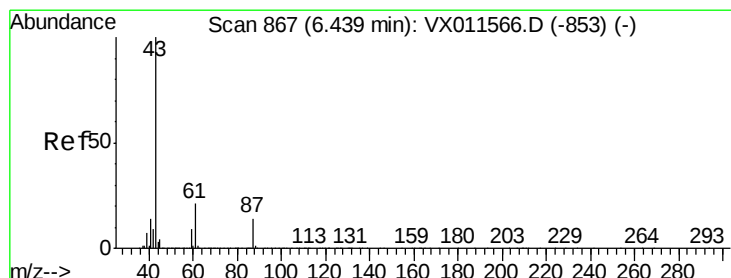
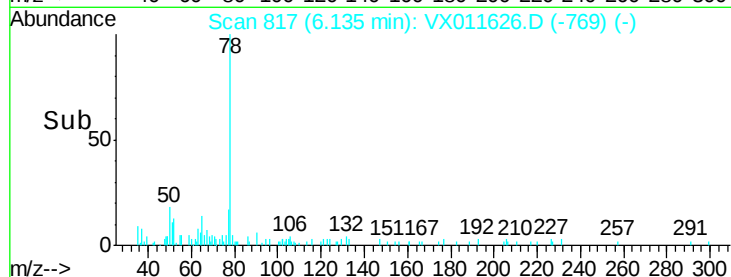
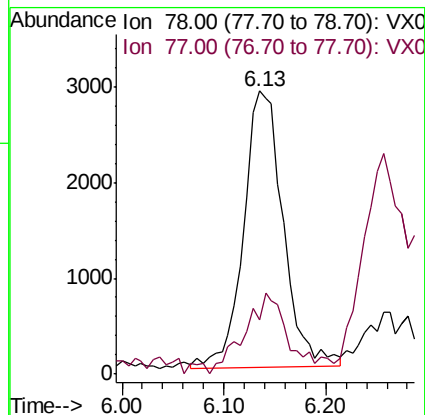
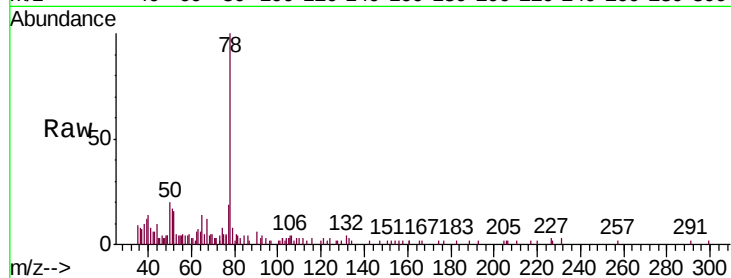
PH2-0142

Tgt Ion: 78 Resp: 7817

Ion Ratio Lower Upper

78 100

77 15.9 18.6 28.0#



#43

Isopropyl Acetate

Concen: 5.036 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

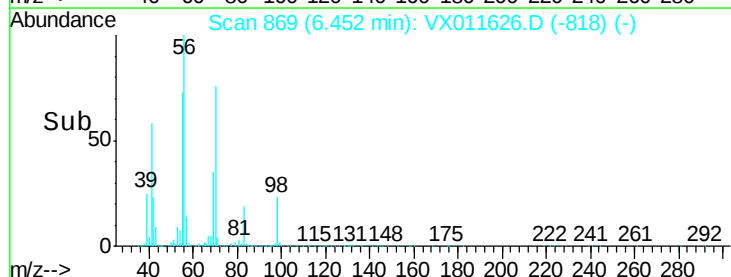
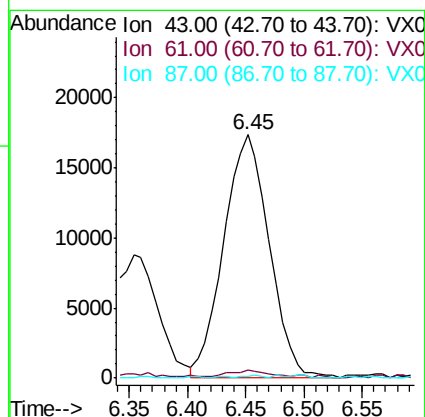
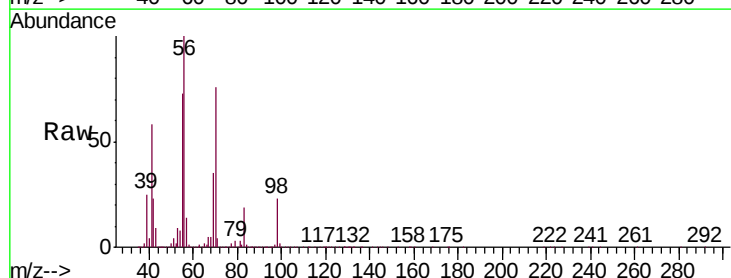
Tgt Ion: 43 Resp: 47117

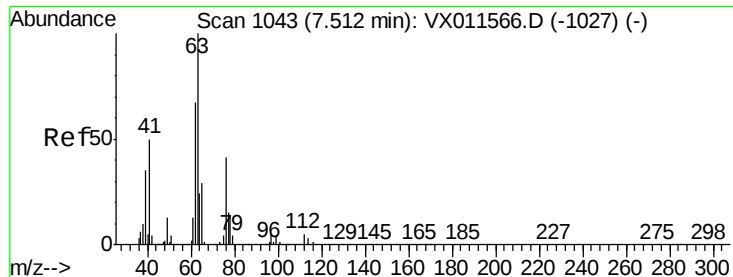
Ion Ratio Lower Upper

43 100

61 1.9 16.6 24.8#

87 0.3 11.4 17.2#





#45

1,2-Dichloropropane

Concen: 9.785 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

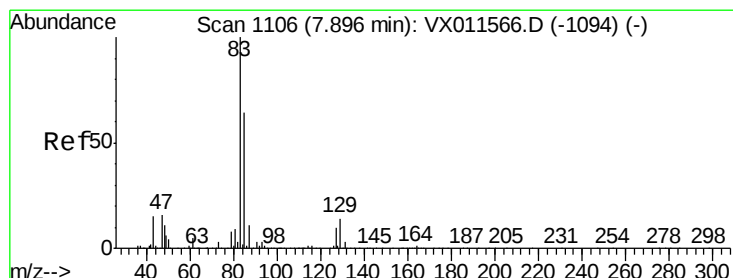
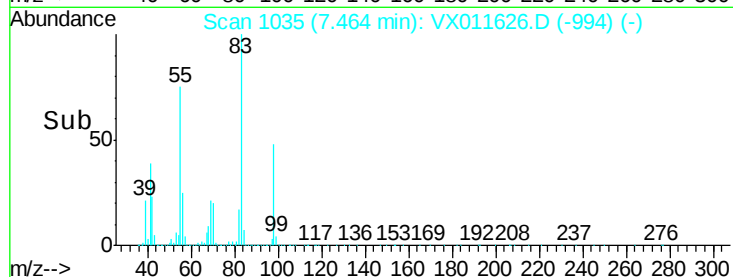
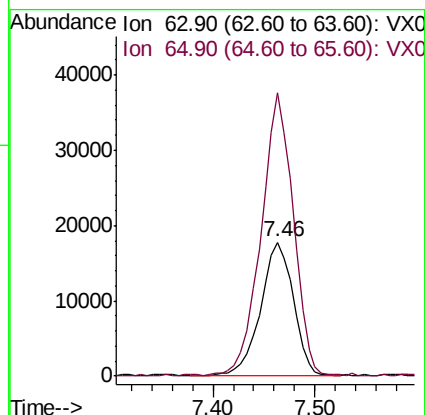
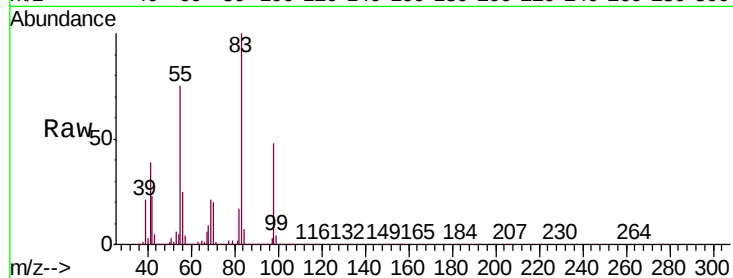
PH2-0142

Tgt Ion: 63 Resp: 39530

Ion Ratio Lower Upper

63 100

65 211.3 23.4 35.2#



#47

Bromodichloromethane

Concen: 0.916 ug/l

RT: 7.85 min Scan# 1098

Delta R.T. -0.05 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

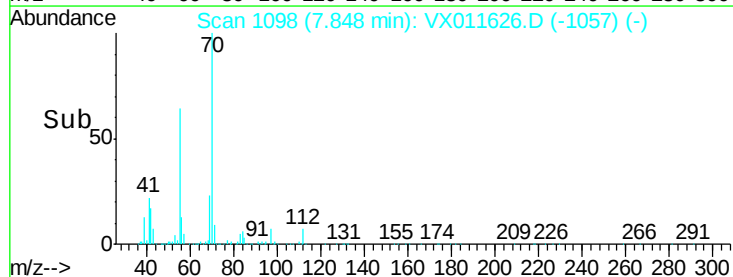
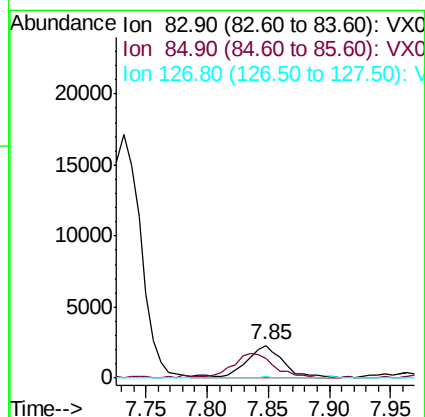
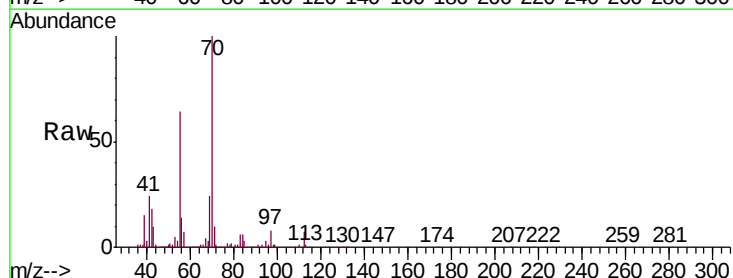
Tgt Ion: 83 Resp: 4937

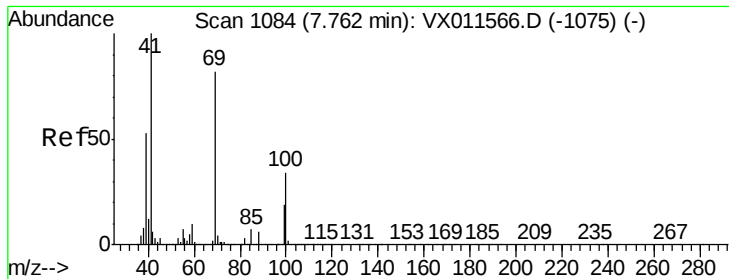
Ion Ratio Lower Upper

83 100

85 57.1 51.2 76.8

127 1.7 8.1 12.1#





#48

Methyl methacrylate

Concen: 43.647 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.03 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

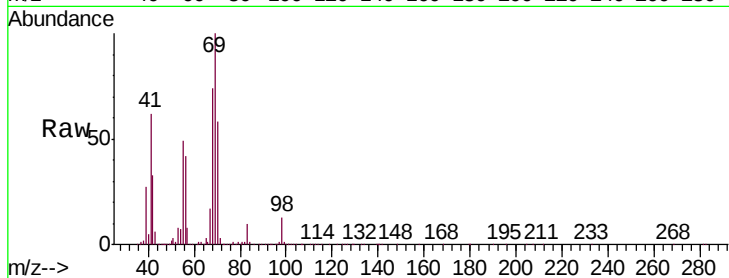
Tgt Ion: 41 Resp: 202244

Ion Ratio Lower Upper

41 100

69 159.2 67.9 101.9#

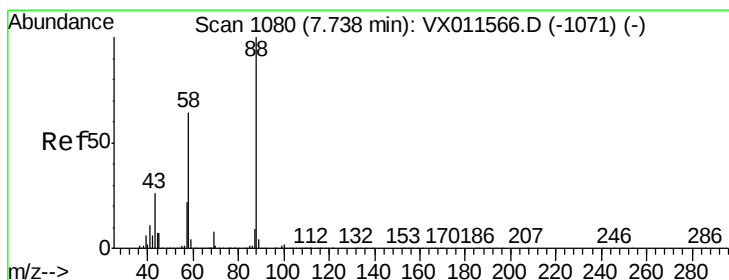
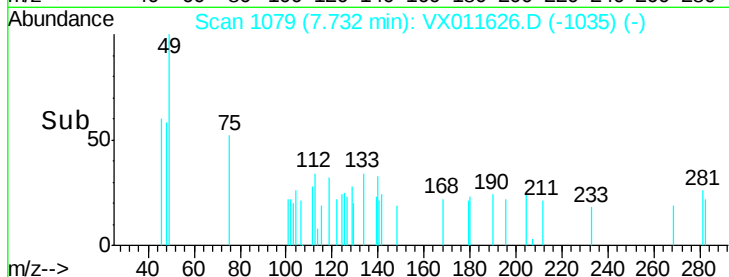
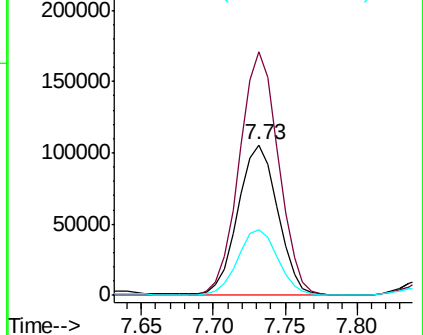
39 43.7 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 1.493 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

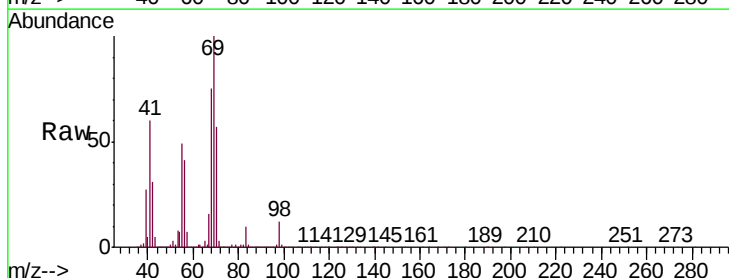
Tgt Ion: 88 Resp: 184

Ion Ratio Lower Upper

88 100

43 9843.5 23.4 35.0#

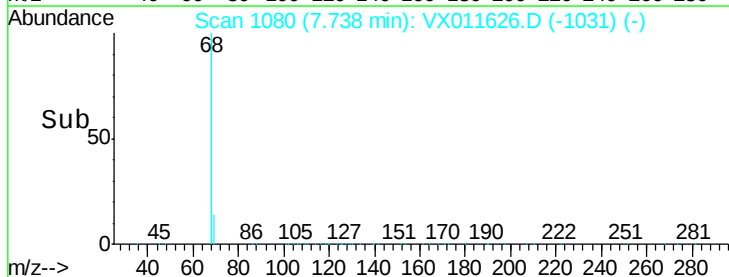
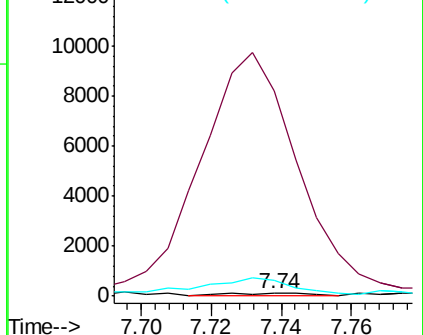
58 541.8 54.3 81.5#

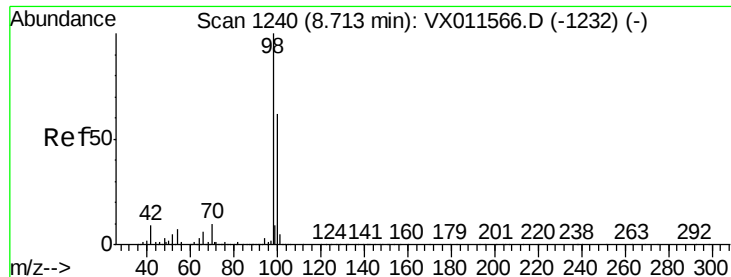


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 56.907 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampled :

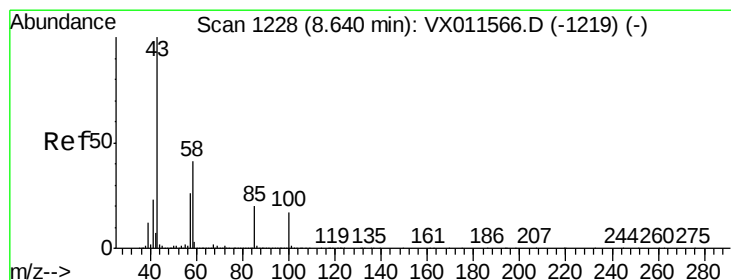
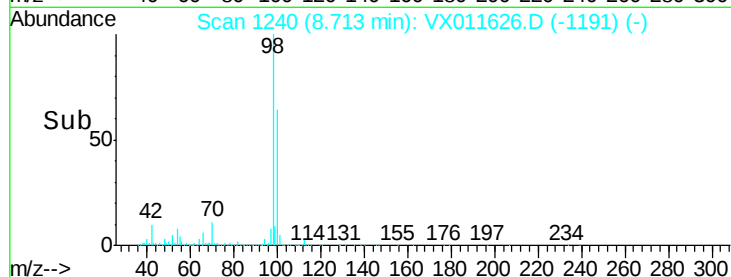
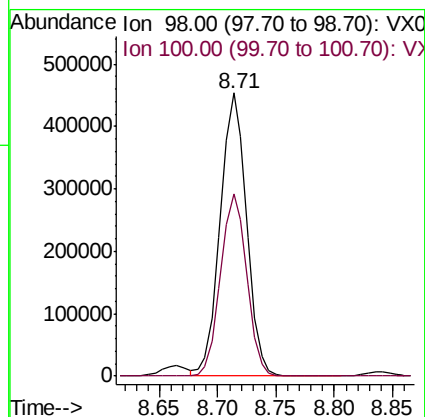
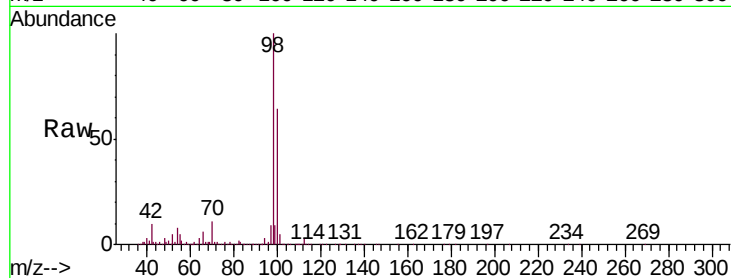
PH2-0142

Tgt Ion: 98 Resp: 707073

Ion Ratio Lower Upper

98 100

100 64.2 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 4.261 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX011626.D

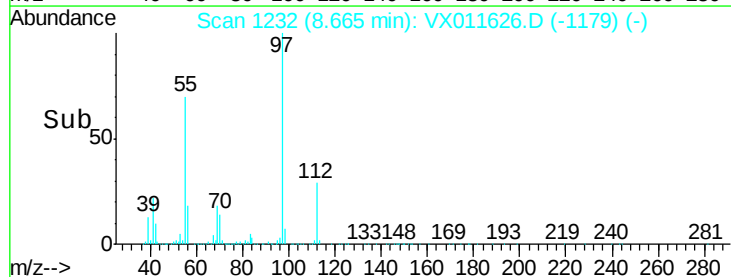
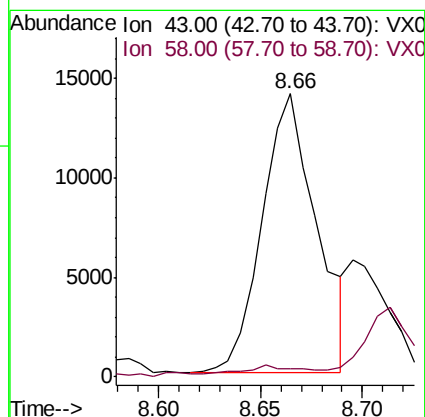
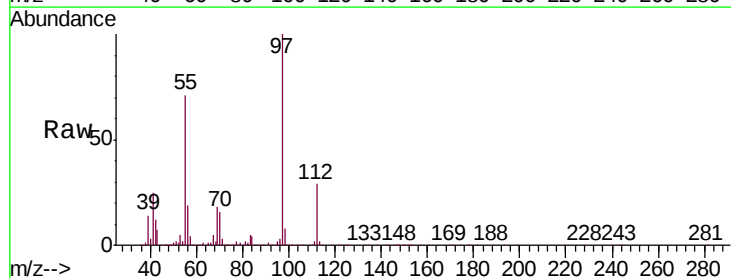
Acq: 19 Aug 2019 12:58

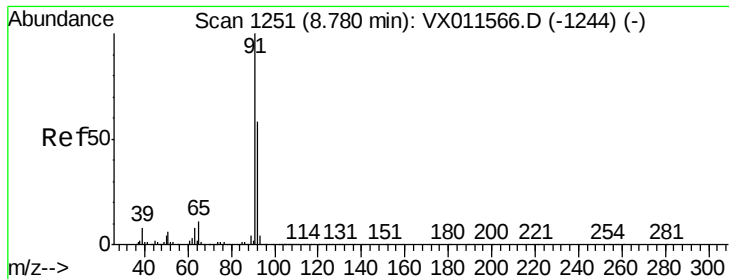
Tgt Ion: 43 Resp: 26096

Ion Ratio Lower Upper

43 100

58 4.1 31.8 47.6#





#52

Toluene

Concen: 658.336 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

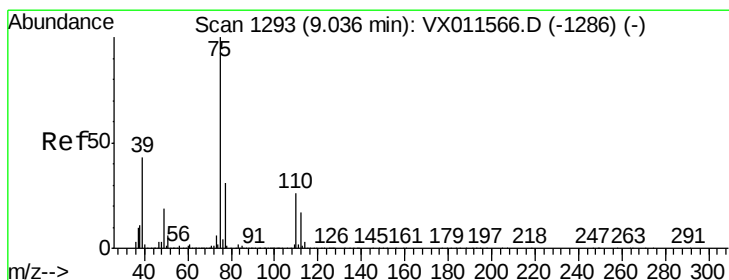
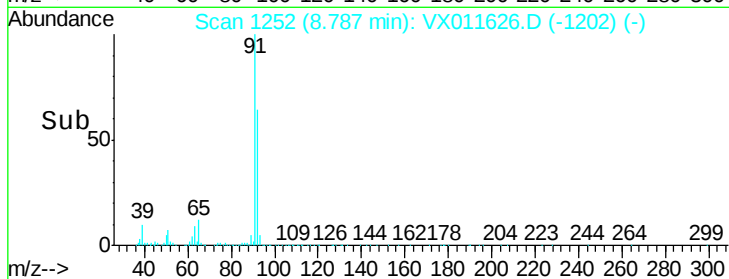
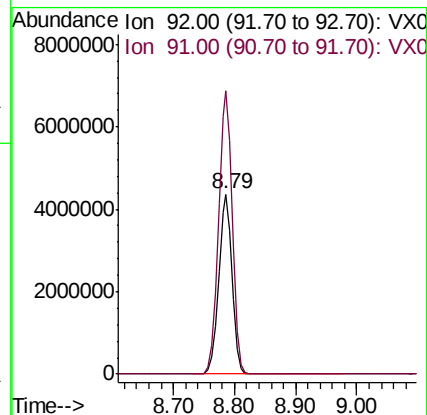
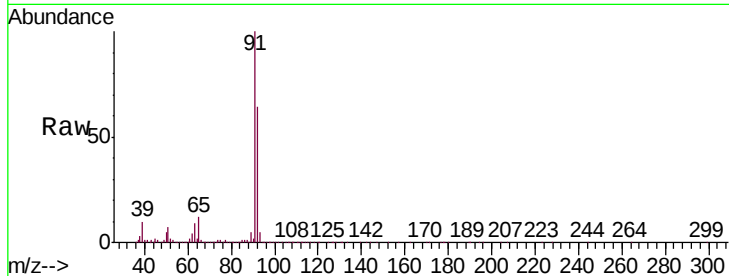
PH2-0142

Tgt Ion: 92 Resp: 6794023

Ion Ratio Lower Upper

92 100

91 162.7 138.0 207.0



#53

t-1,3-Dichloropropene

Concen: 14.028 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.25 min

Lab File: VX011626.D

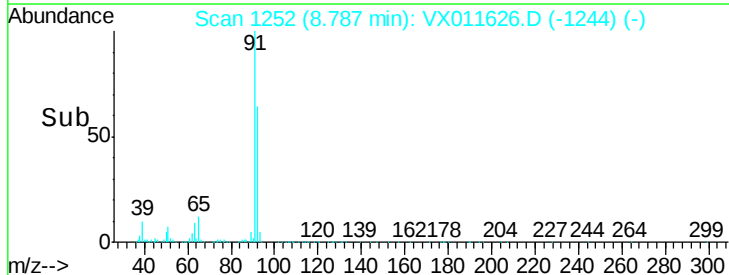
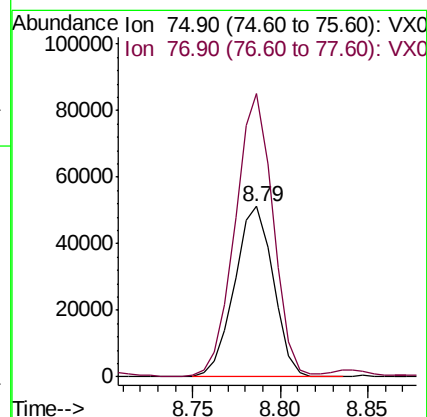
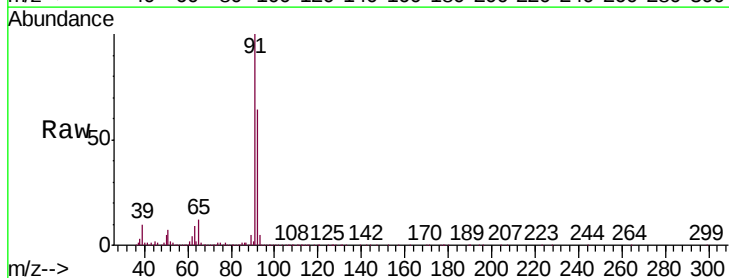
Acq: 19 Aug 2019 12:58

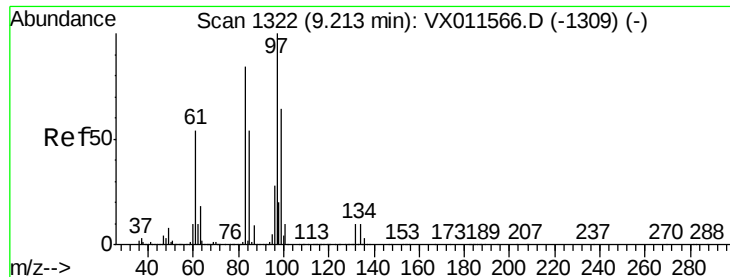
Tgt Ion: 75 Resp: 78478

Ion Ratio Lower Upper

75 100

77 165.7 25.1 37.7#





#55

1,1,2-Trichloroethane

Concen: 30.707 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampled :

PH2-0142

Tgt Ion: 97 Resp: 134761

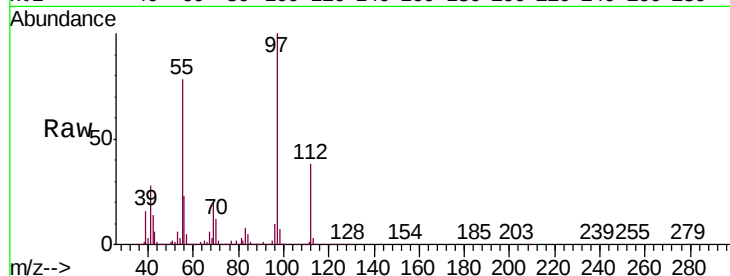
Ion Ratio Lower Upper

97 100

83 7.8 67.4 101.0#

85 0.5 43.4 65.2#

99 0.7 51.1 76.7#

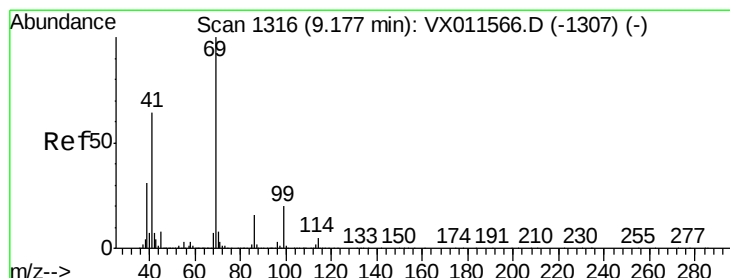
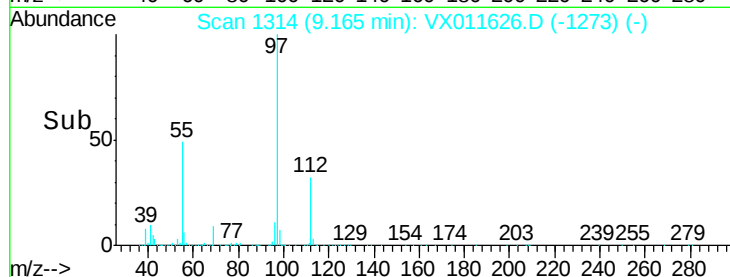
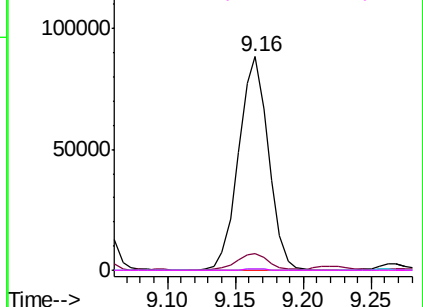


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.428 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

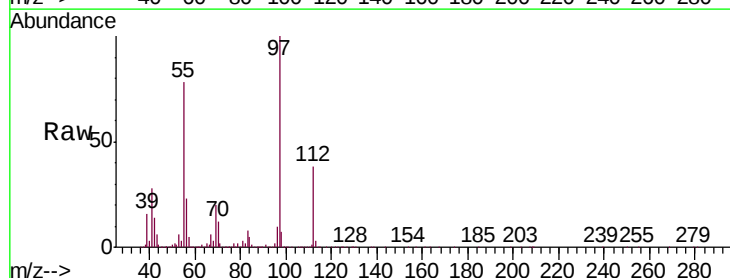
Tgt Ion: 69 Resp: 28243

Ion Ratio Lower Upper

69 100

41 145.6 52.1 78.1#

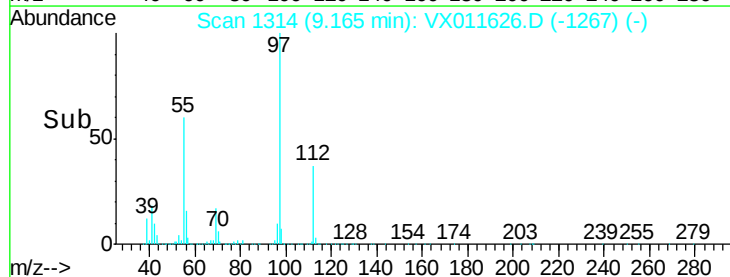
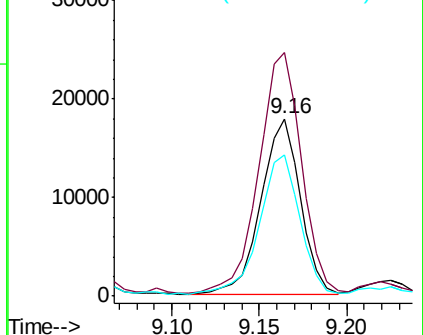
39 81.9 25.4 38.0#

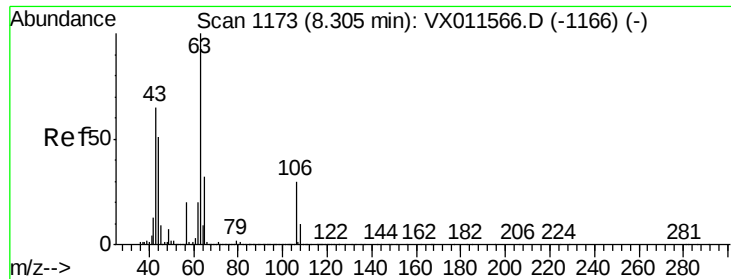


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

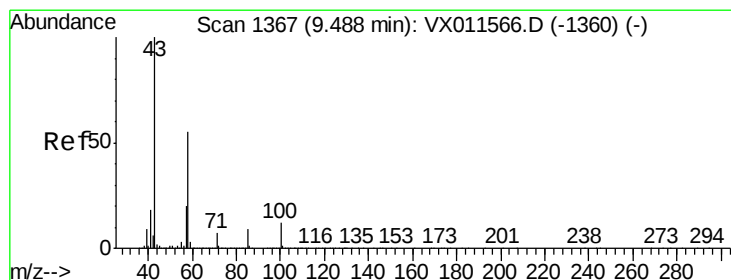
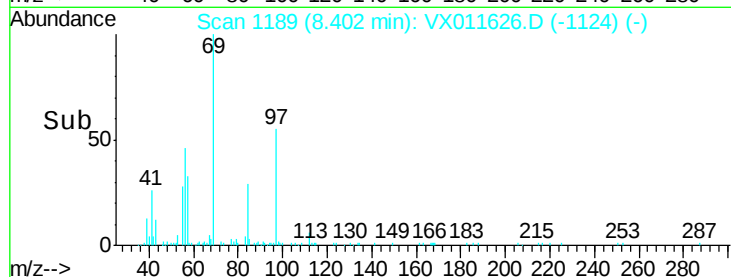
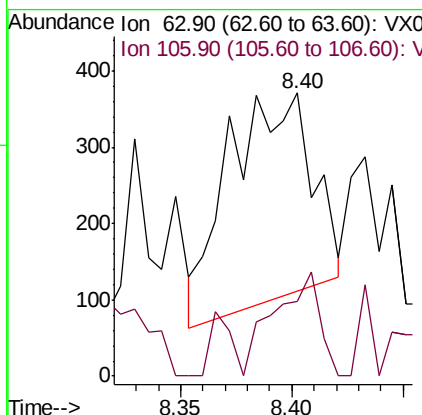
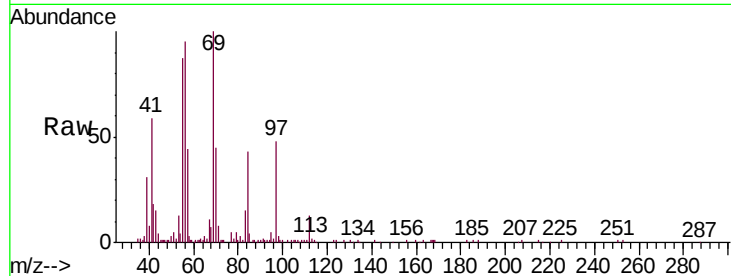




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.224 ug/l
 RT: 8.40 min Scan# 1189
 Delta R.T. 0.10 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

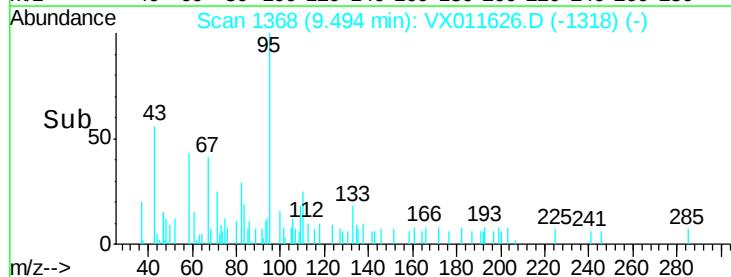
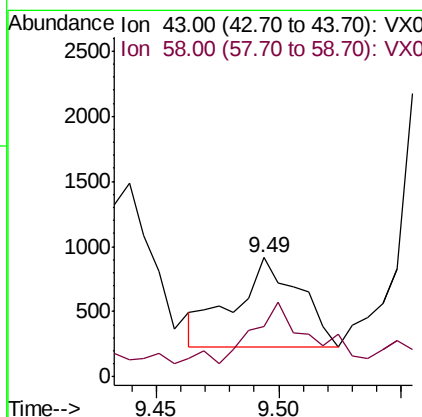
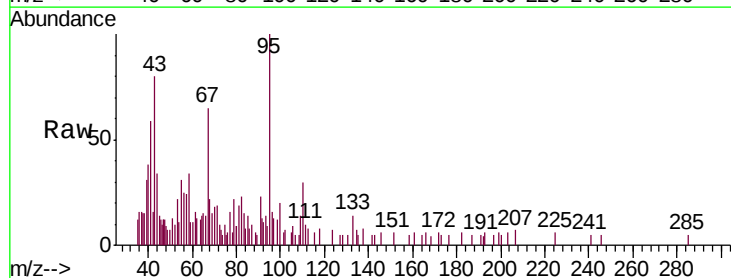
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142

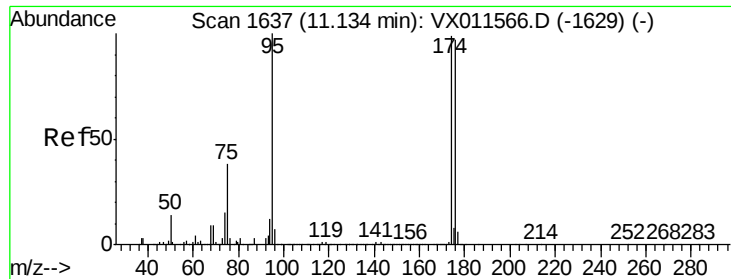
Tgt Ion: 63 Resp: 713
 Ion Ratio Lower Upper
 63 100
 106 27.2 24.7 37.1



#59
 2-Hexanone
 Concen: 0.269 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

Tgt Ion: 43 Resp: 1270
 Ion Ratio Lower Upper
 43 100
 58 79.3 27.5 82.4





#62

4-Bromofluorobenzene

Concen: 47.429 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampled :

PH2-0142

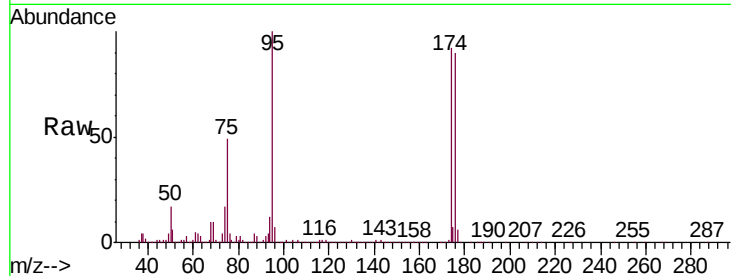
Tgt Ion: 95 Resp: 248739

Ion Ratio Lower Upper

95 100

174 95.6 0.0 200.6

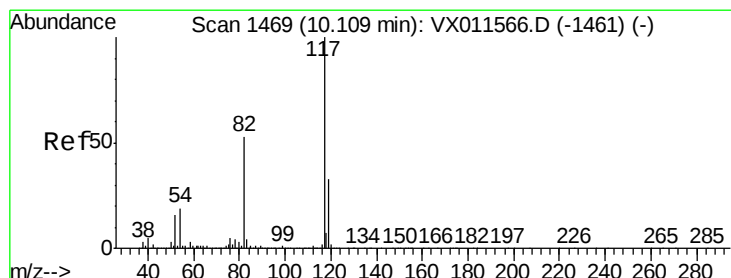
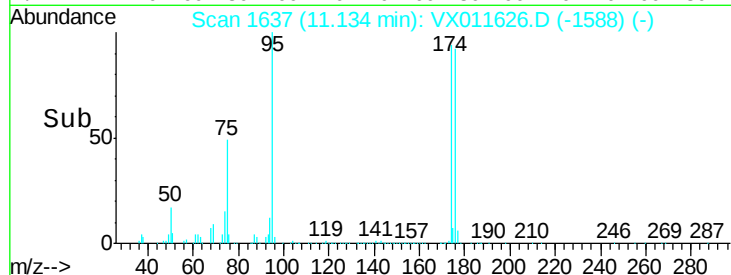
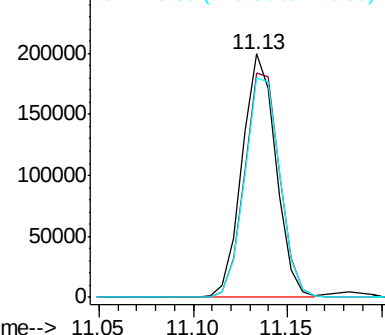
176 93.4 0.0 196.6



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

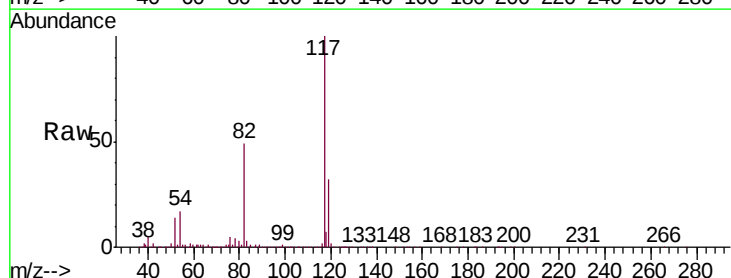
Tgt Ion: 117 Resp: 538326

Ion Ratio Lower Upper

117 100

82 49.3 42.0 63.0

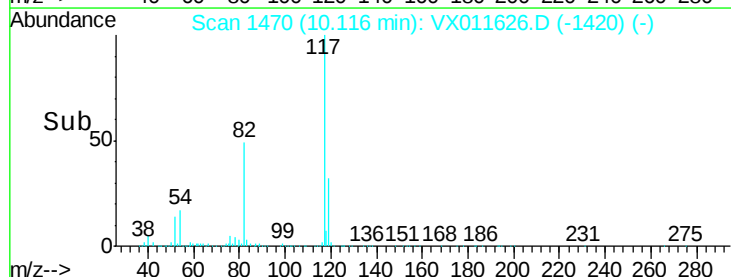
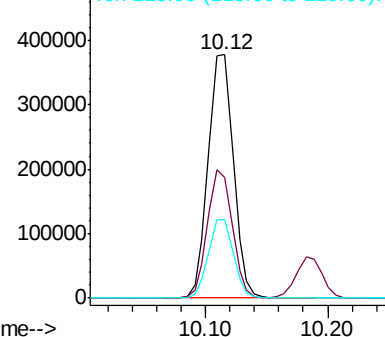
119 32.5 26.5 39.7

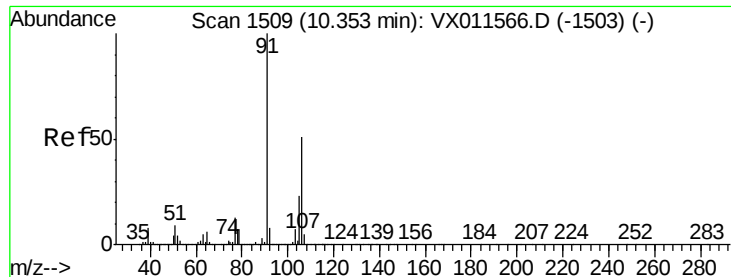


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xylenes

Concen: 1674.492 ug/l

RT: 10.26 min Scan# 1494

Delta R.T. -0.09 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

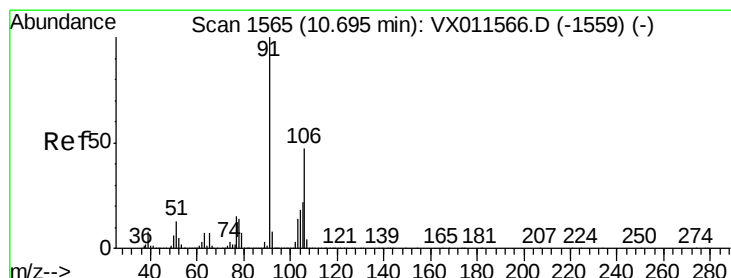
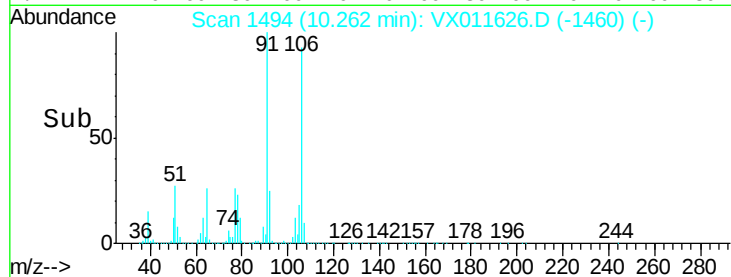
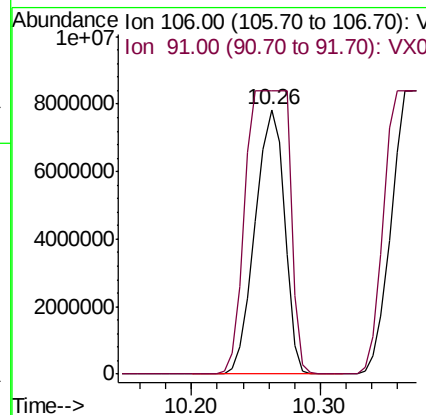
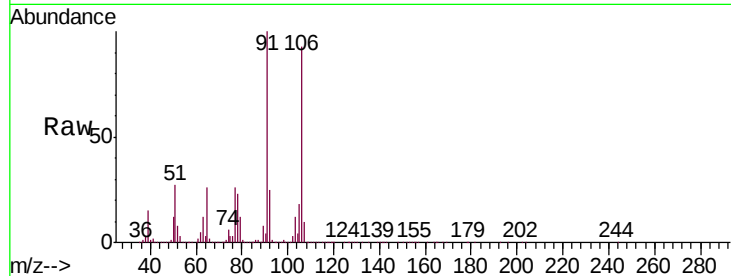
PH2-0142

Tgt Ion:106 Resp:12316770

Ion Ratio Lower Upper

106 100

91 0.0 156.0 234.0#



#69

o-Xylene

Concen: 911.518 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VX011626.D

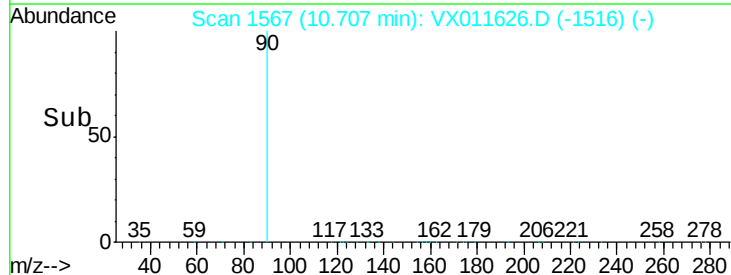
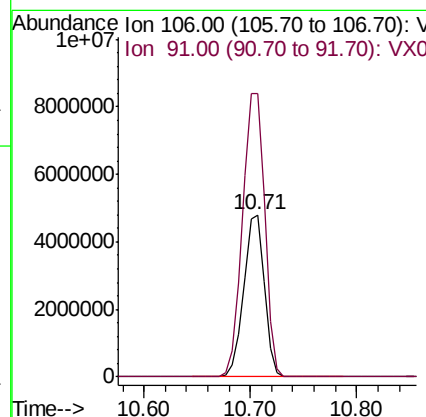
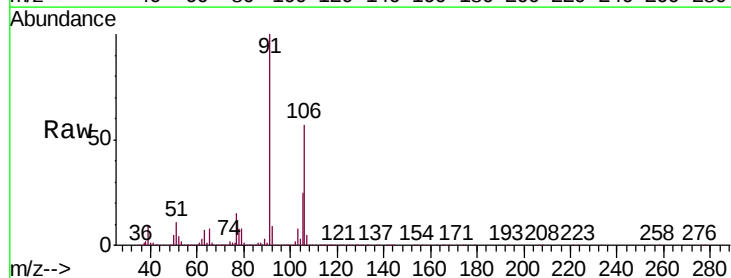
Acq: 19 Aug 2019 12:58

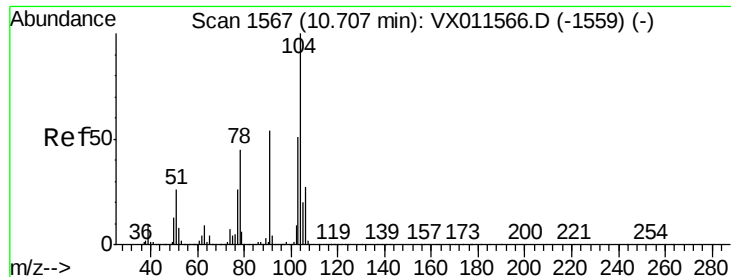
Tgt Ion:106 Resp: 6567468

Ion Ratio Lower Upper

106 100

91 188.4 105.5 316.4





#70

Styrene

Concen: 27.559 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

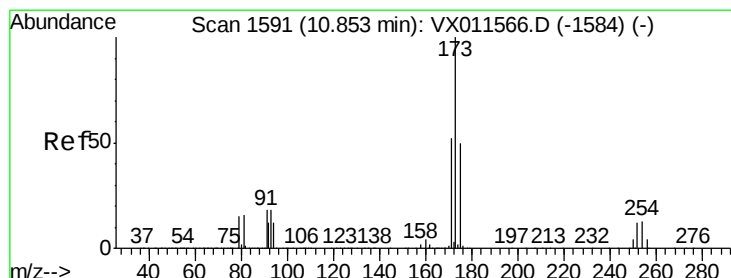
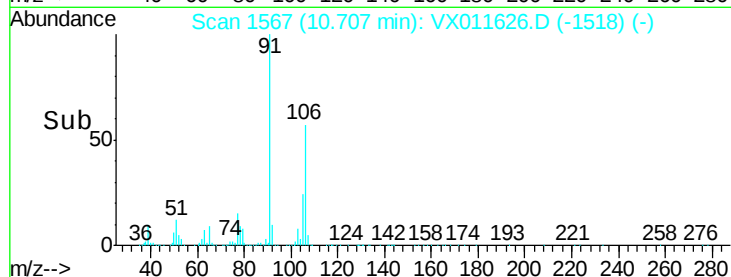
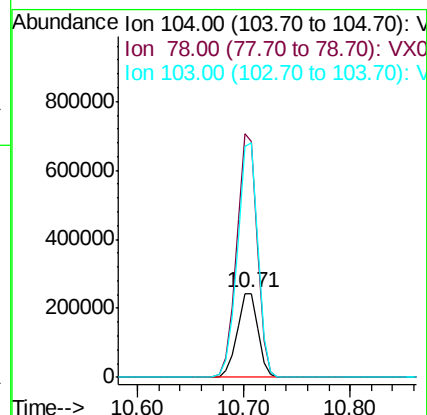
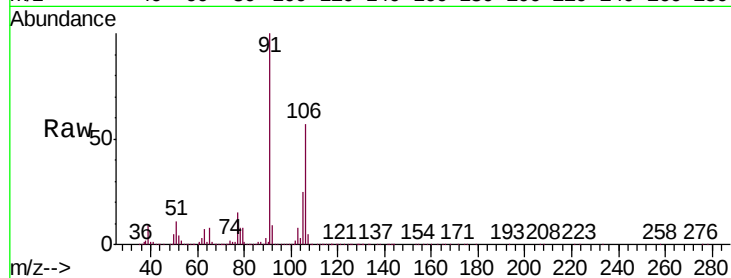
Tgt Ion:104 Resp: 334265

Ion Ratio Lower Upper

104 100

78 285.7 38.2 57.4#

103 275.4 43.6 65.4#



#71

Bromoform

Concen: 3.312 ug/l

RT: 10.93 min Scan# 1603

Delta R.T. 0.07 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

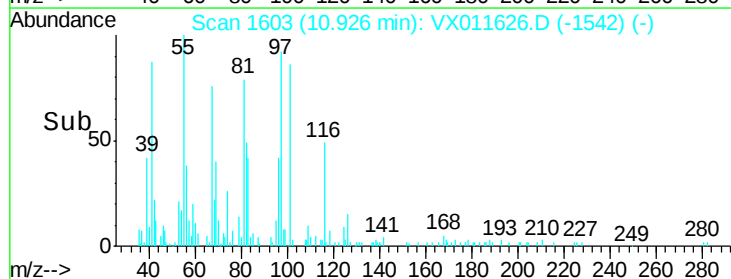
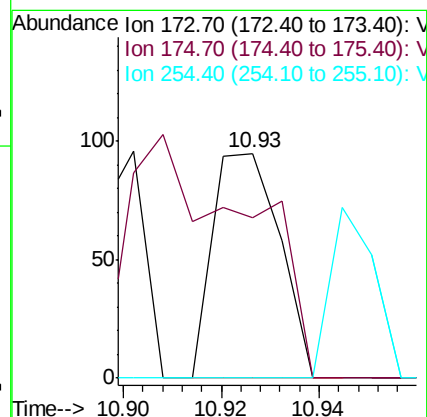
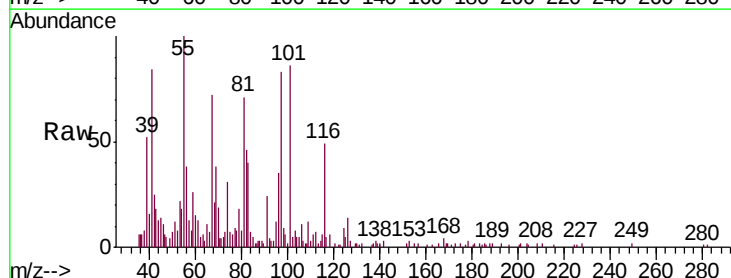
Tgt Ion:173 Resp: 90

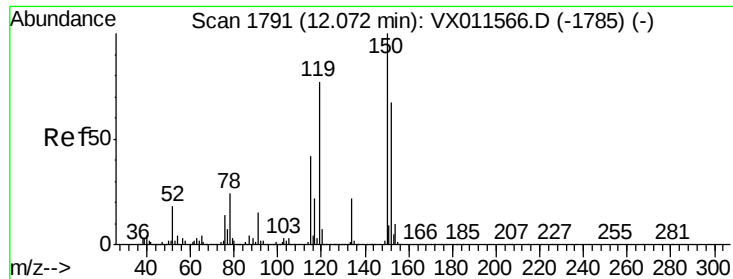
Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

254 50.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

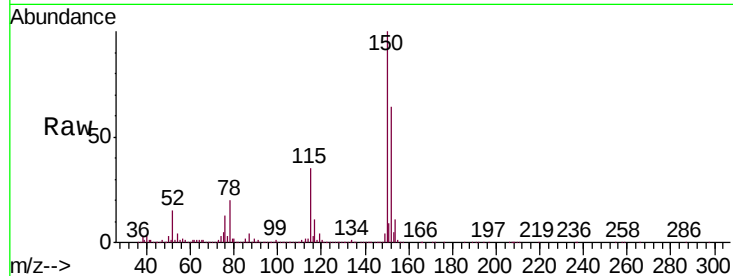
Tgt Ion:152 Resp: 285610

Ion Ratio Lower Upper

152 100

115 61.1 37.3 111.9

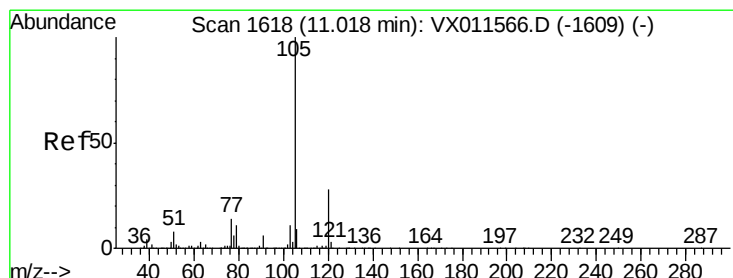
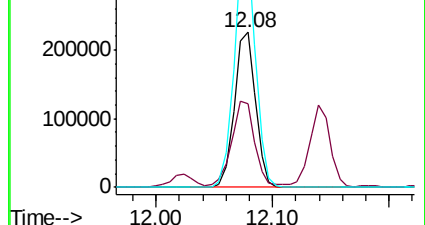
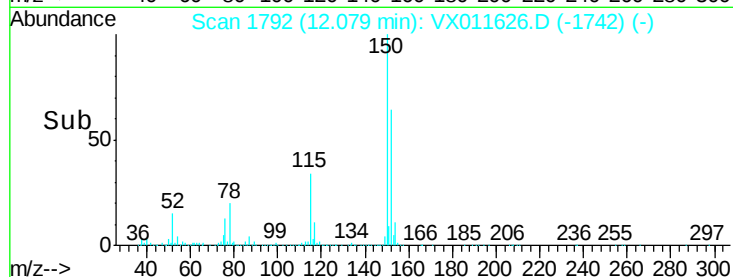
150 155.5 0.0 346.2



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: 167.537 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011626.D

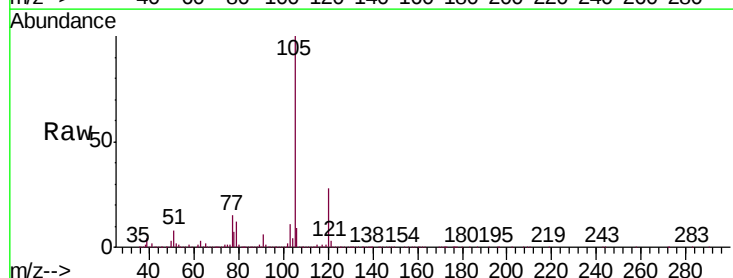
Acq: 19 Aug 2019 12:58

Tgt Ion:105 Resp: 3104930

Ion Ratio Lower Upper

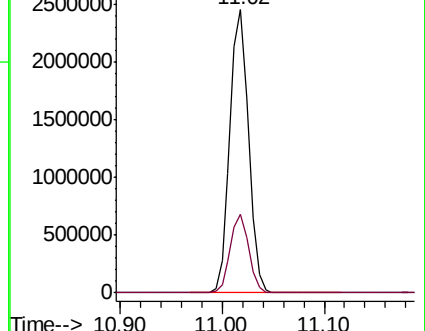
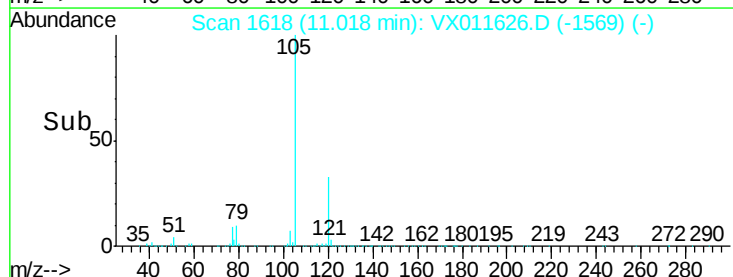
105 100

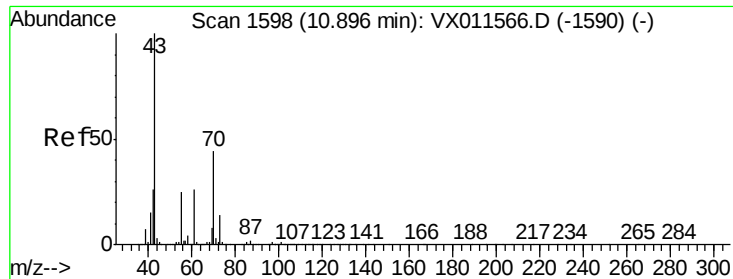
120 27.4 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.306 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

Tgt Ion: 43 Resp: 2413

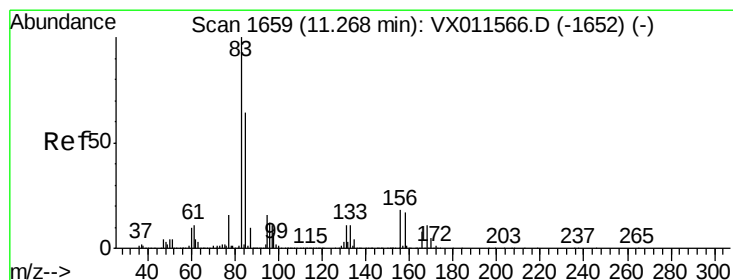
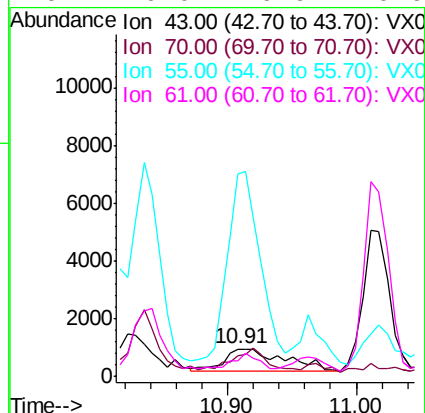
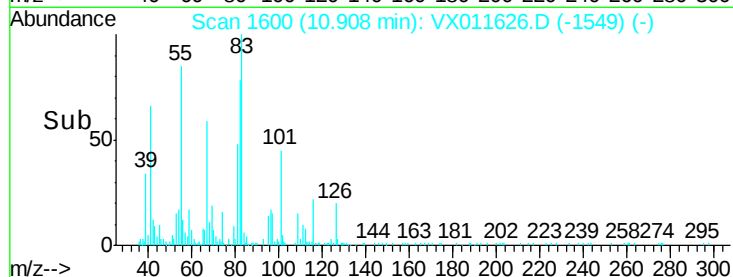
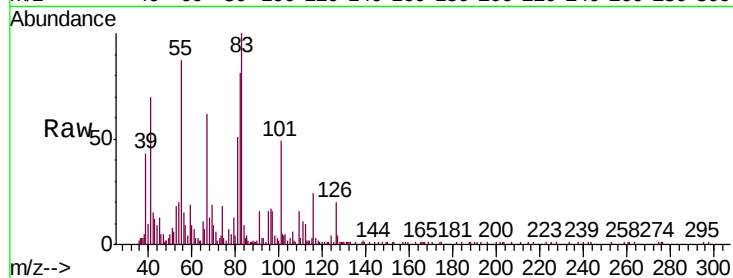
Ion Ratio Lower Upper

43 100

70 49.9 34.7 52.1

55 485.5 19.6 29.4#

61 0.0 19.9 29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.304 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

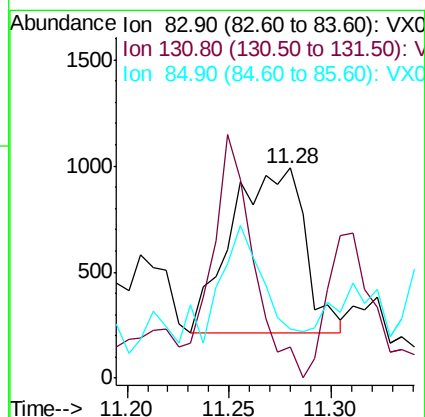
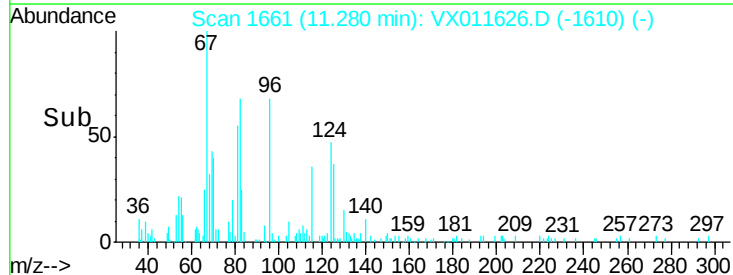
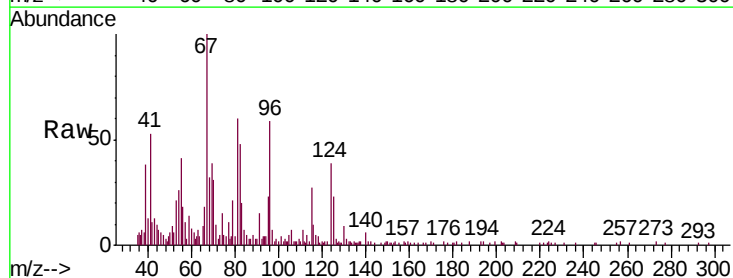
Tgt Ion: 83 Resp: 1938

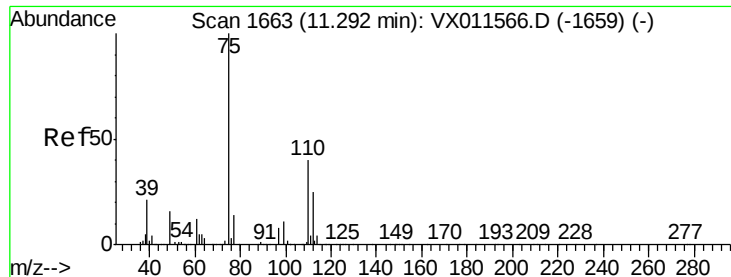
Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

85 0.0 31.9 95.9#





#76

1,2,3-Trichloropropane

Concen: 3.576 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

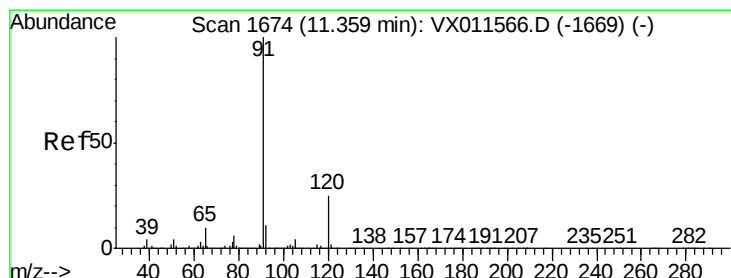
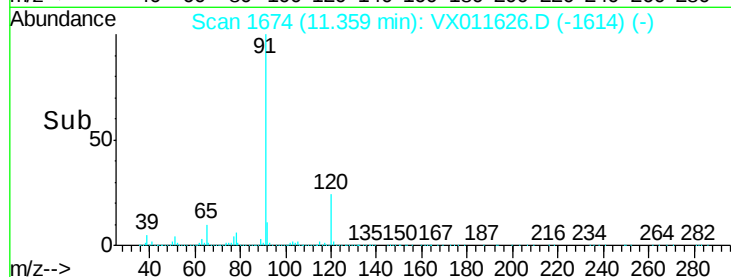
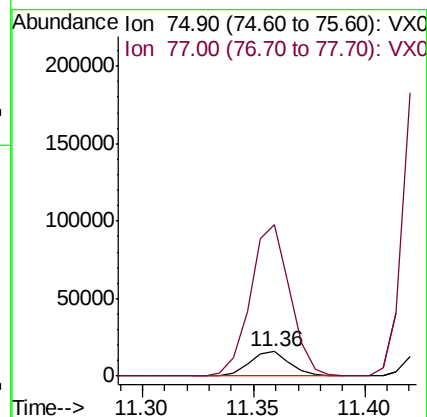
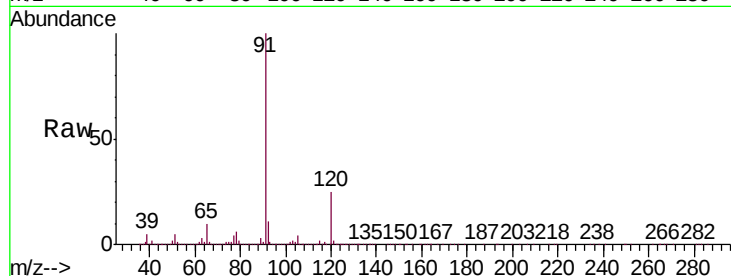
PH2-0142

Tgt Ion: 75 Resp: 19367

Ion Ratio Lower Upper

75 100

77 621.1 20.9 62.8#



#78

n-propylbenzene

Concen: 151.213 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011626.D

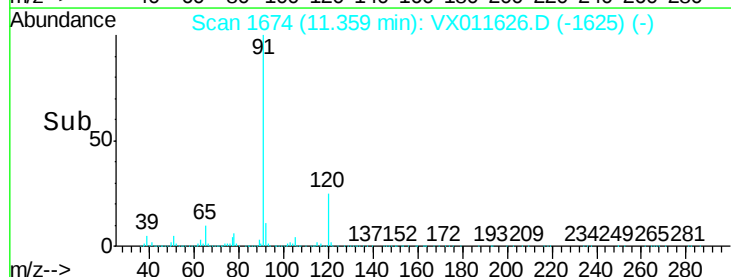
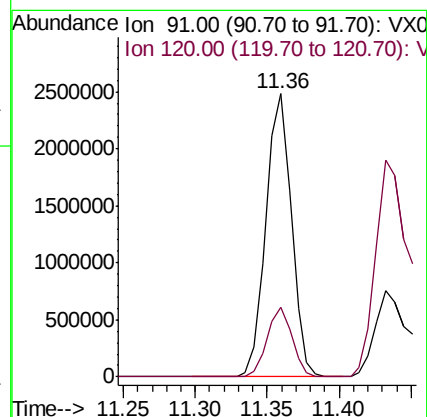
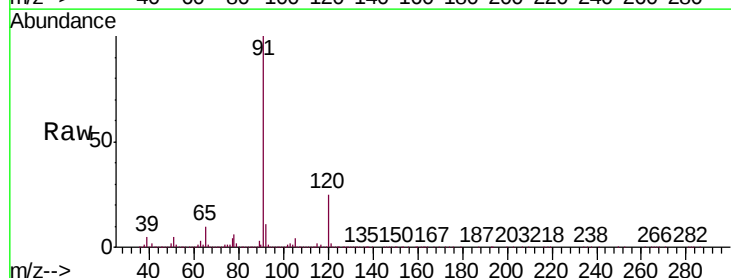
Acq: 19 Aug 2019 12:58

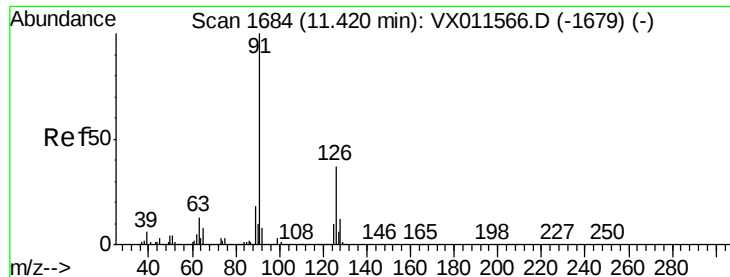
Tgt Ion: 91 Resp: 3021846

Ion Ratio Lower Upper

91 100

120 24.2 12.6 37.6





#79

2-Chlorotoluene

Concen: 104.728 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

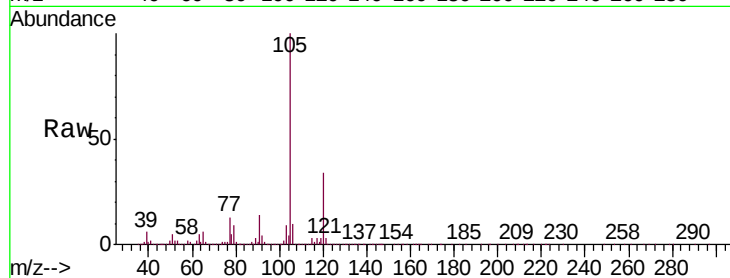
PH2-0142

Tgt Ion: 91 Resp: 1285131

Ion Ratio Lower Upper

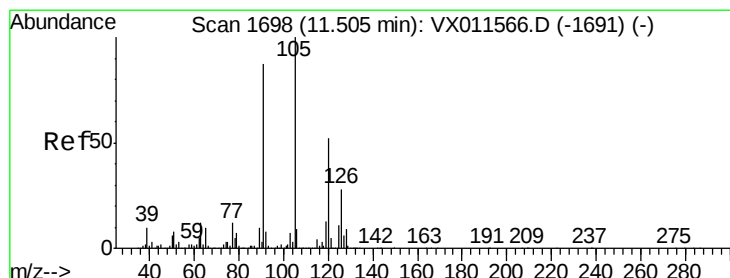
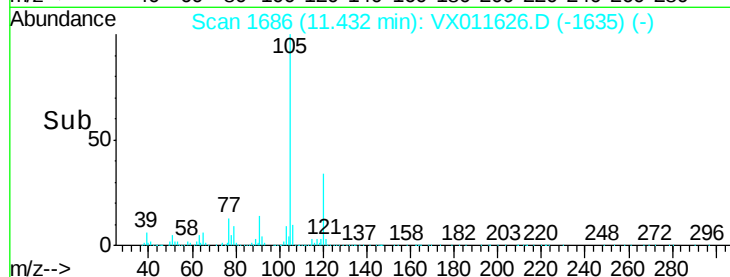
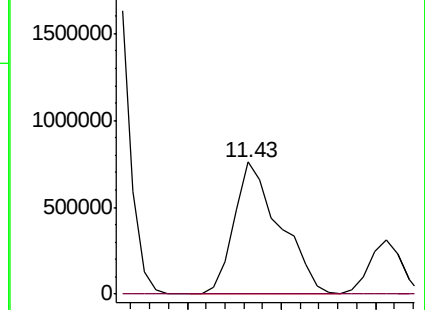
91 100

126 0.1 18.4 55.0#



Abundance Ion 91.00 (90.70 to 91.70): VX011566.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011566.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 220.110 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011626.D

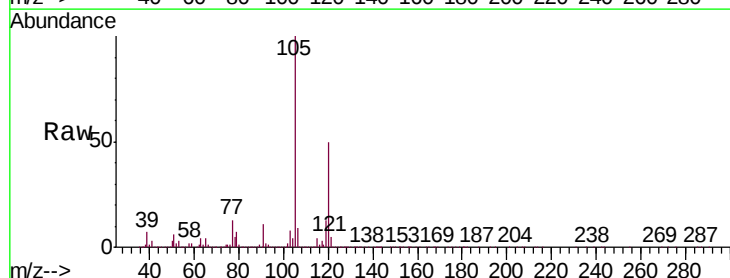
Acq: 19 Aug 2019 12:58

Tgt Ion: 105 Resp: 3426720

Ion Ratio Lower Upper

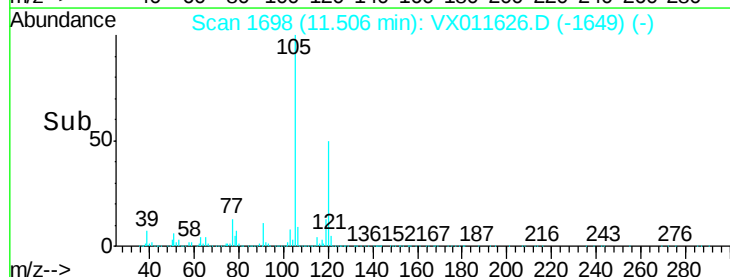
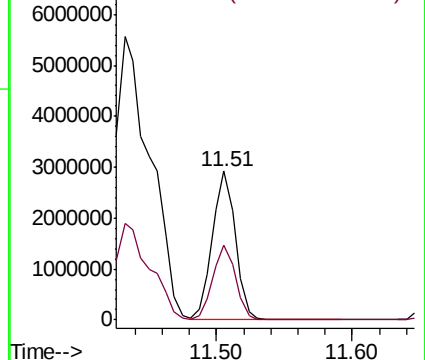
105 100

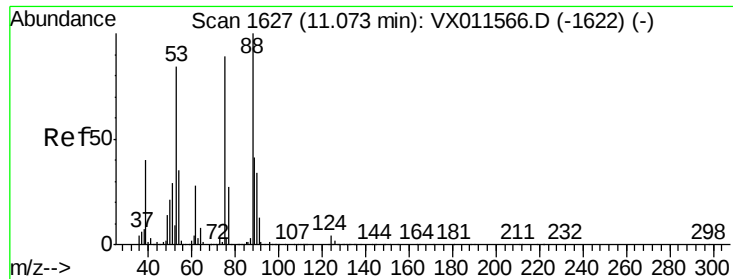
120 49.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX011566.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011566.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.804 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampleId :

PH2-0142

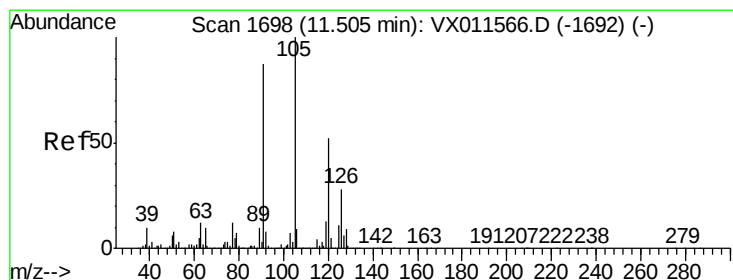
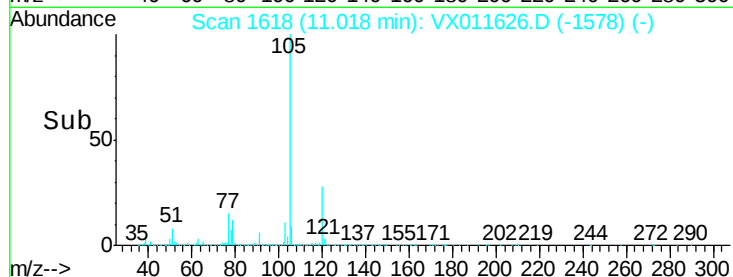
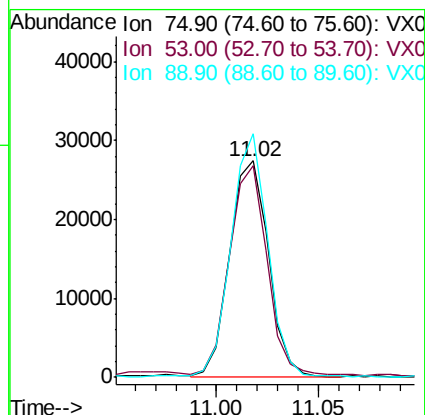
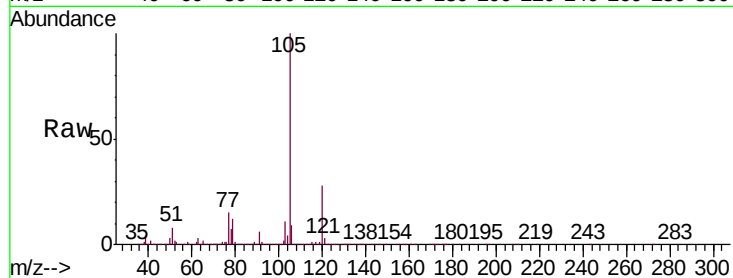
Tgt Ion: 75 Resp: 35839

Ion Ratio Lower Upper

75 100

53 95.0 77.4 116.0

89 106.9 37.3 55.9#



#82

4-Chlorotoluene

Concen: 25.926 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011626.D

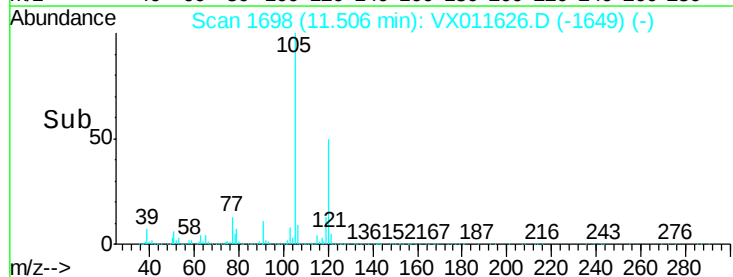
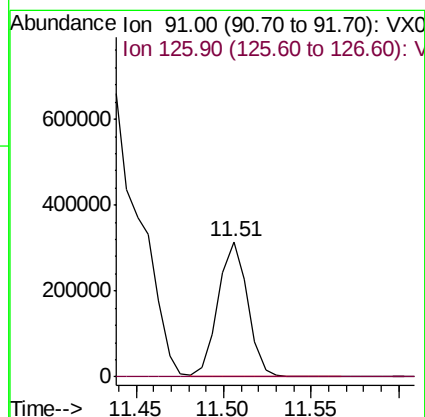
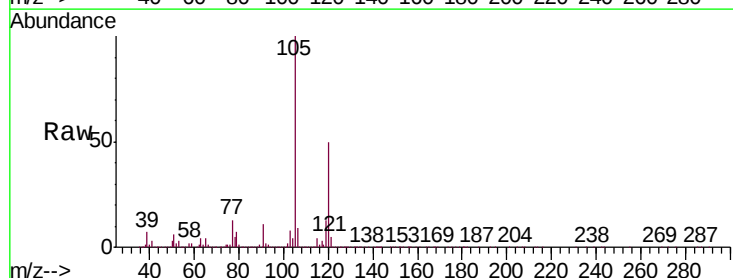
Acq: 19 Aug 2019 12:58

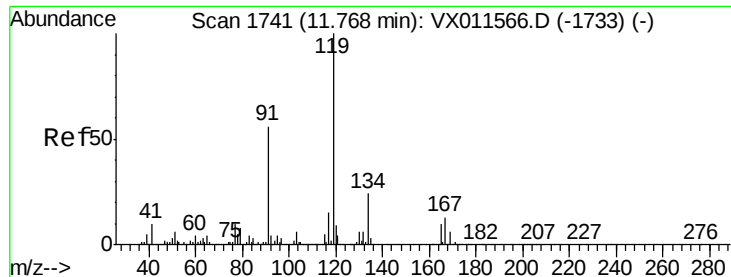
Tgt Ion: 91 Resp: 369099

Ion Ratio Lower Upper

91 100

126 0.1 16.4 49.1#

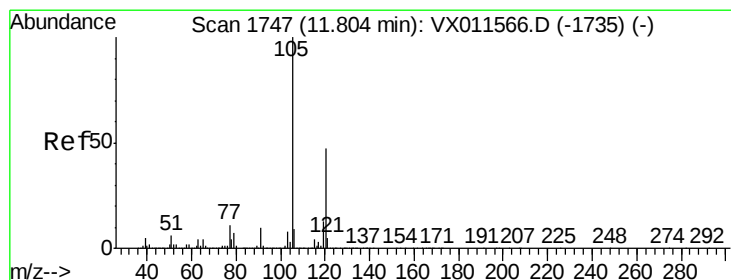
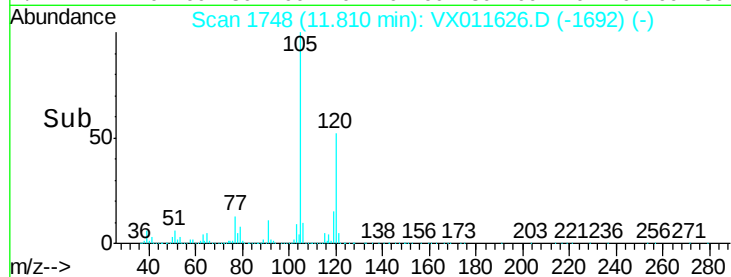
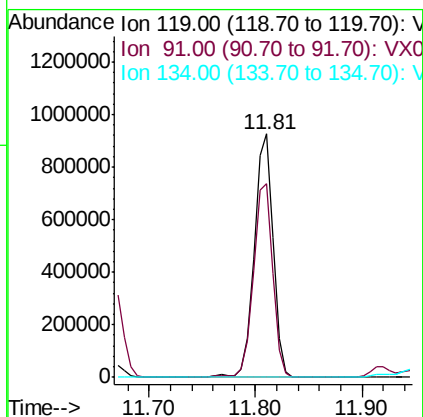
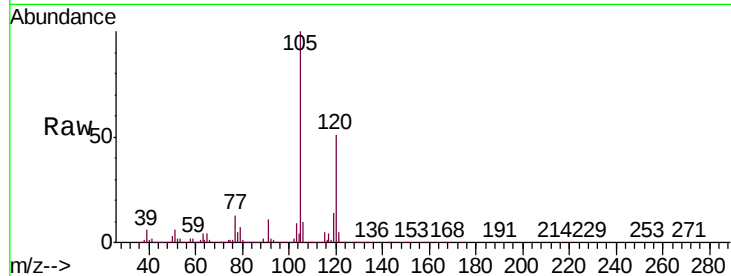




#83
 tert-Butylbenzene
 Concen: 72.561 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

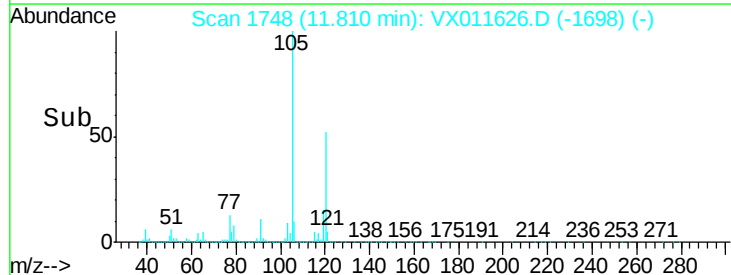
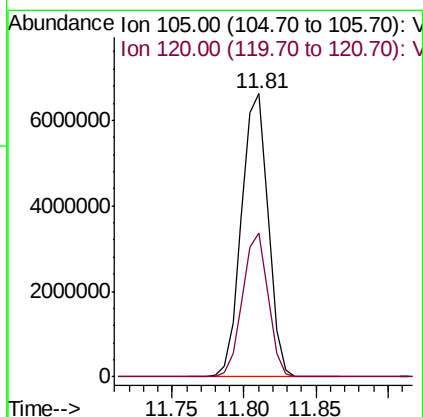
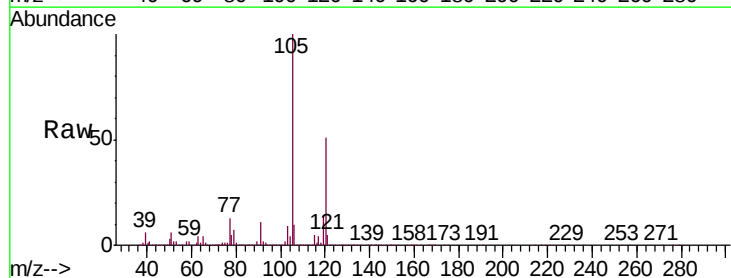
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142

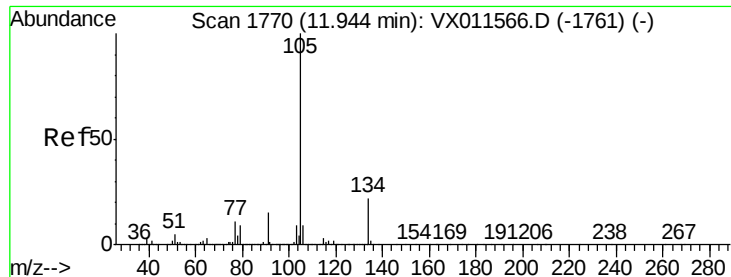
Tgt Ion:119 Resp: 1150526
 Ion Ratio Lower Upper
 119 100
 91 81.5 27.1 81.3#
 134 0.0 11.8 35.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 542.938 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

Tgt Ion:105 Resp: 8485753
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.3 69.9

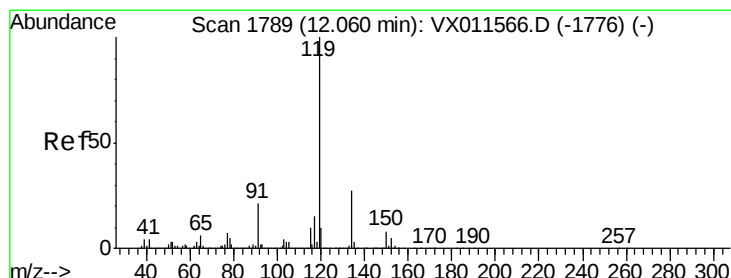
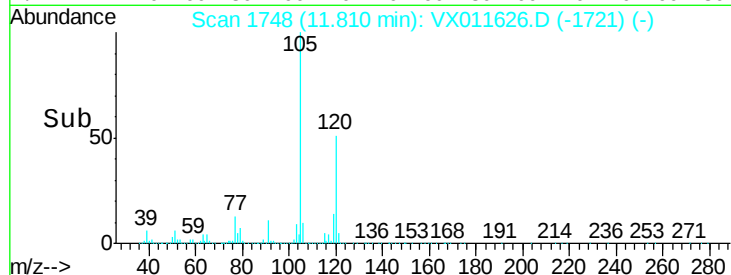
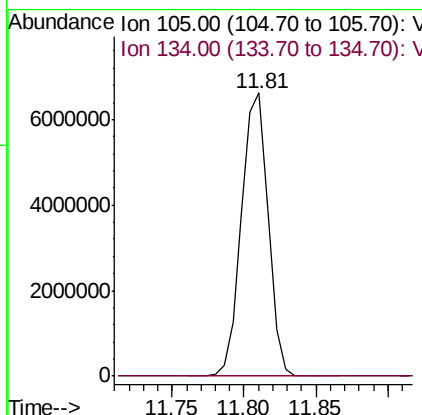
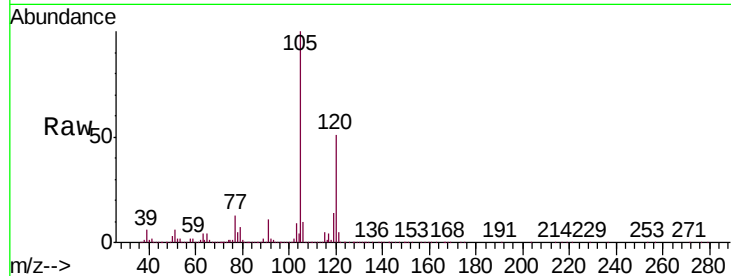




#85
 sec-Butylbenzene
 Concen: 474.349 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.13 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

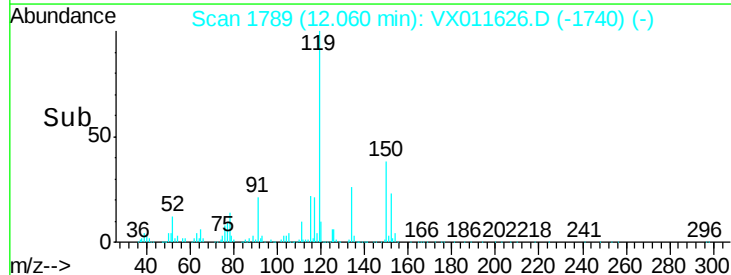
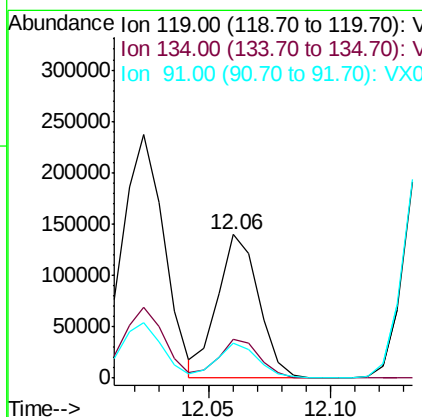
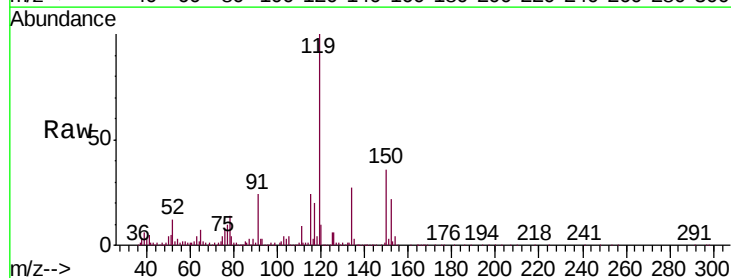
Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142

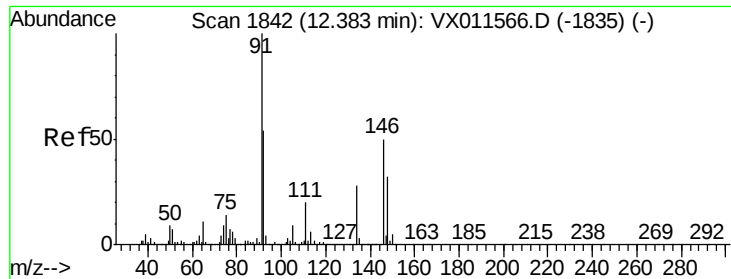
Tgt Ion:105 Resp: 8485753
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 9.662 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

Tgt Ion:119 Resp: 162609
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 23.6 10.9 32.9





#89

n-Butylbenzene

Concen: 9.280 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011626.D

Acq: 19 Aug 2019 12:58

Instrument :

MSVOA_X

ClientSampled :

PH2-0142

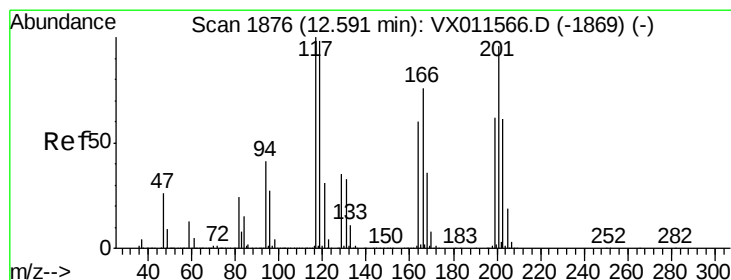
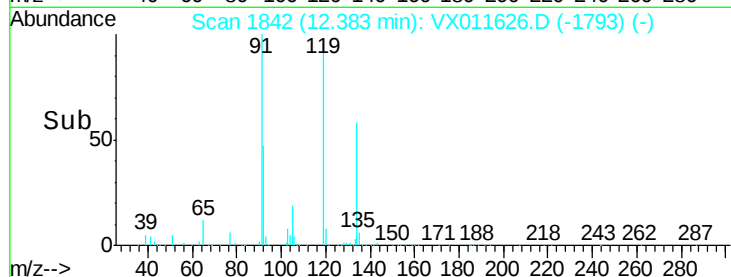
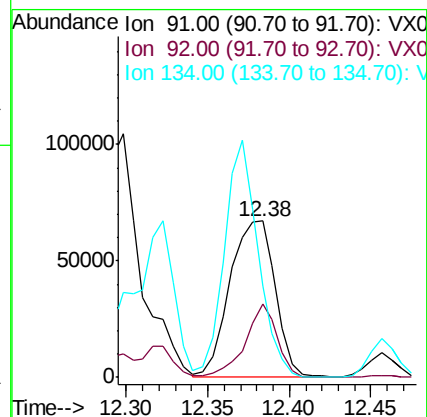
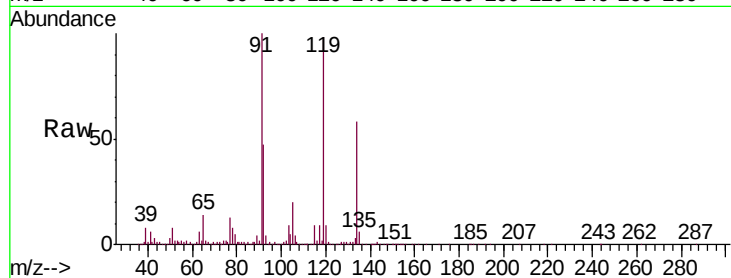
Tgt Ion: 91 Resp: 128399

Ion Ratio Lower Upper

91 100

92 33.0 26.8 80.3

134 113.9 14.6 44.0#



#90

Hexachloroethane

Concen: 7.677 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX011626.D

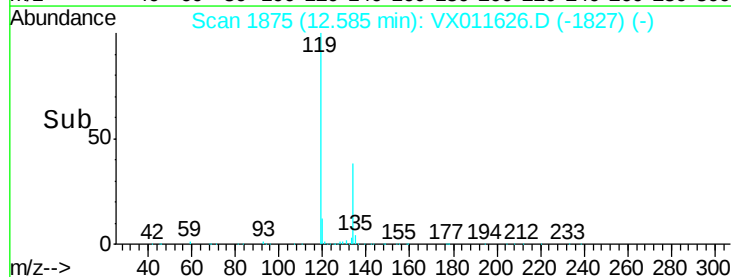
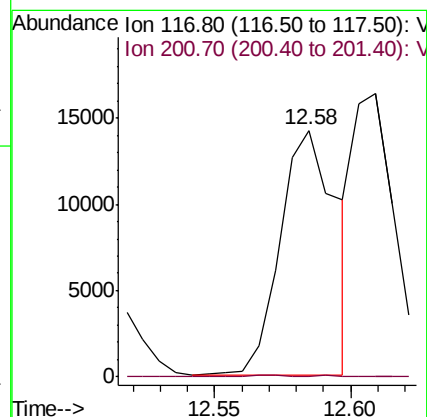
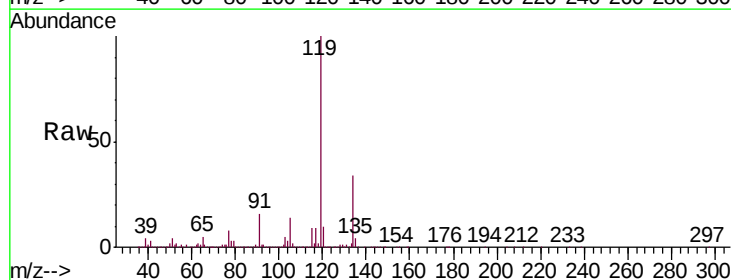
Acq: 19 Aug 2019 12:58

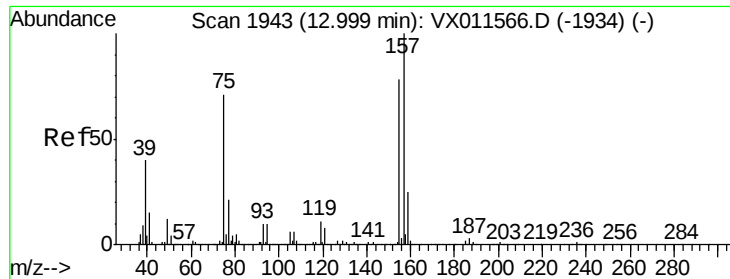
Tgt Ion: 117 Resp: 20402

Ion Ratio Lower Upper

117 100

201 0.1 51.9 155.7#

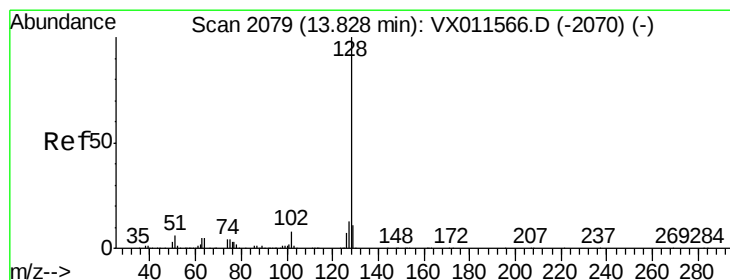
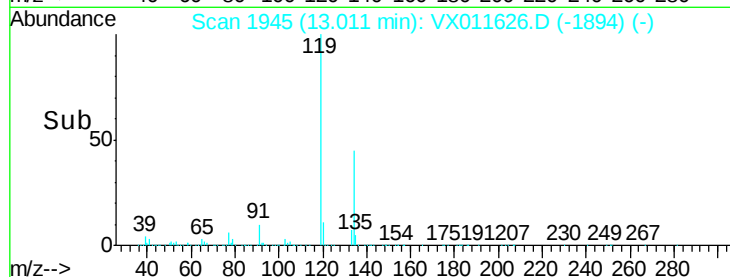
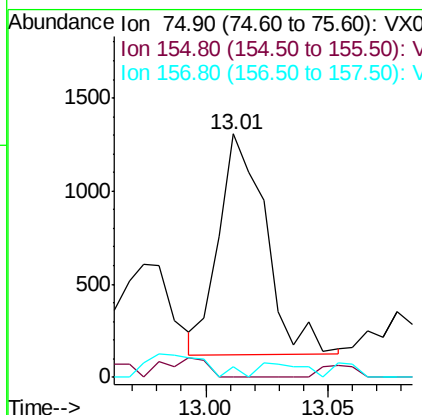
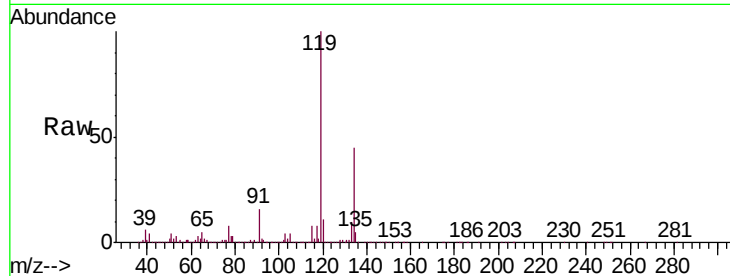




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.084 ug/l
 RT: 13.01 min Scan# 1945
 Delta R.T. 0.01 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-0142

Tgt Ion: 75 Resp: 1581
 Ion Ratio Lower Upper
 75 100
 155 0.0 53.0 159.0#
 157 6.1 68.3 205.1#



#95
 Naphthalene
 Concen: 108.025 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX011626.D
 Acq: 19 Aug 2019 12:58

Tgt Ion: 128 Resp: 2164824
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 11.0 8.7 13.1

