

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103018\
 Data File : VX005694.D
 Acq On : 30 Oct 2018 16:20
 Operator : JC/MD
 Sample : J5194-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

Quant Time: Oct 31 01:03:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	136817	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	111114	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	8.71	98	377105	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	128602	42.40	ug/l	0.00
Spiked Amount			Recovery	=	84.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.19	74	4080	2.553	ug/l	92
10) Methyl Iodide	2.51	142	102	2.766	ug/l #	39
11) Tert butyl alcohol	3.01	59	1121	1.464	ug/l #	77
13) Acrolein	2.29	56	512	1.311	ug/l	99
16) Acetone	2.45	43	31923	21.227	ug/l	94
18) Methyl Acetate	2.78	43	11172	1.592	ug/l	100
20) Methylene Chloride	2.86	84	5562	2.208	ug/l	97
25) 2-Butanone	4.70	43	3574	1.561	ug/l	92
29) Tetrahydrofuran	5.16	42	1022	0.686	ug/l	97
31) Cyclohexane	5.66	56	4144	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15914	4.967	ug/l #	50
38) Carbon Tetrachloride	5.66	117	20105	5.958	ug/l #	15
40) Benzene	6.14	78	3051	0.332	ug/l #	85
43) Isopropyl Acetate	6.47	43	169338	27.640	ug/l	100
48) Methyl methacrylate	7.88	41	13503	4.524	ug/l #	45
51) 4-Methyl-2-Pentanone	8.62	43	2896	0.703	ug/l #	38
52) Toluene	8.79	92	2053	0.368	ug/l	88
54) cis-1,3-Dichloropropene	8.62	75	960	0.267	ug/l #	71
67) Ethyl Benzene	10.26	91	2164	0.213	ug/l	97
68) m/p-Xylenes	10.35	106	3063	0.778	ug/l	95
69) o-Xylene	10.70	106	2704	0.730	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	64680	20.943	ug/l #	36
78) n-propylbenzene	11.36	91	4337	0.426	ug/l	100
79) 2-Chlorotoluene	11.43	91	2551	0.404	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	6990	0.917	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	64680	68.432	ug/l #	9
83) tert-Butylbenzene	11.81	119	3717	0.489	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.80	105	28698	3.715	ug/l	99
85) sec-Butylbenzene	11.94	105	2385	0.263	ug/l	92
86) p-Isopropyltoluene	12.02	119	3484	0.430	ug/l	94
89) n-Butylbenzene	12.38	91	4606	0.630	ug/l #	35
90) Hexachloroethane	12.61	117	1117	0.799	ug/l #	2
95) Naphthalene	13.83	128	11673	1.173	ug/l #	94

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

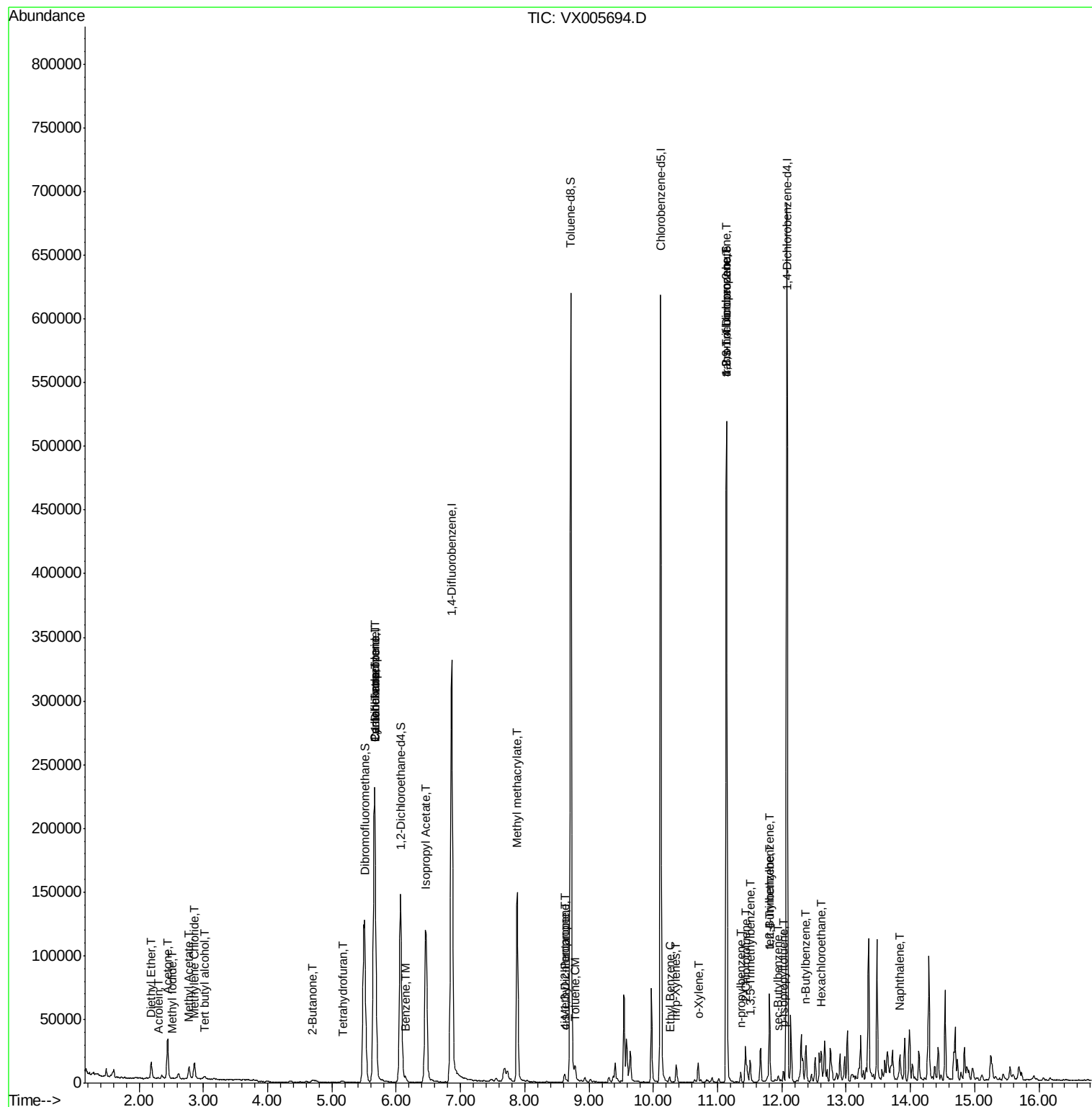
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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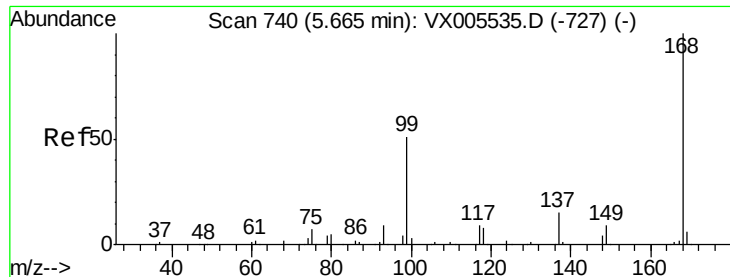
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

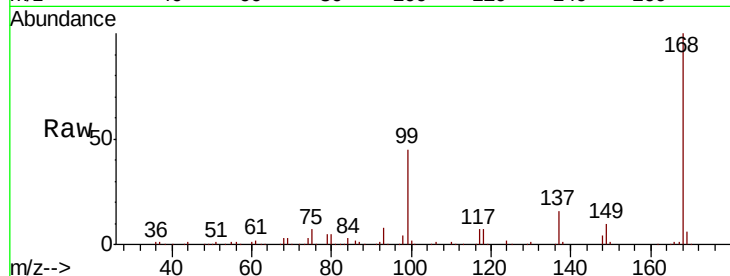
HR-05-102618-C

Tot Ion:168 Resp: 233150

Ion Ratio Lower Upper

168 100

99 44.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

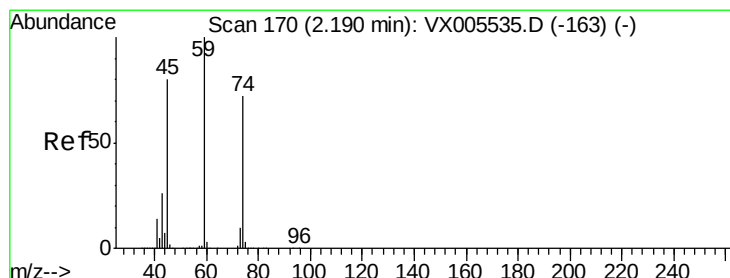
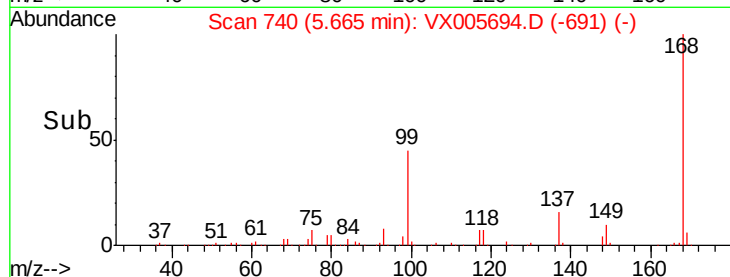
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 2.553 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005694.D

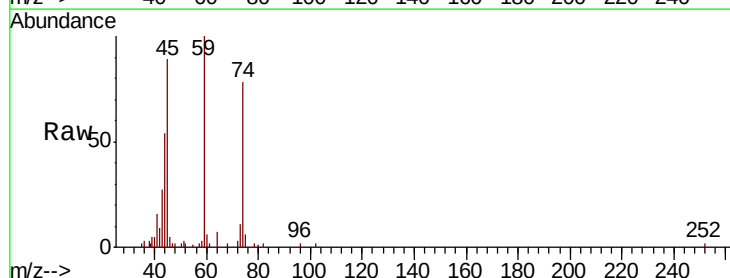
Acq: 30 Oct 2018 16:20

Tgt Ion: 74 Resp: 4080

Ion Ratio Lower Upper

74 100

45 116.3 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

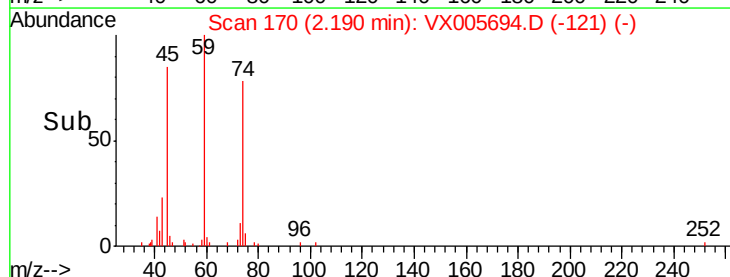
3000

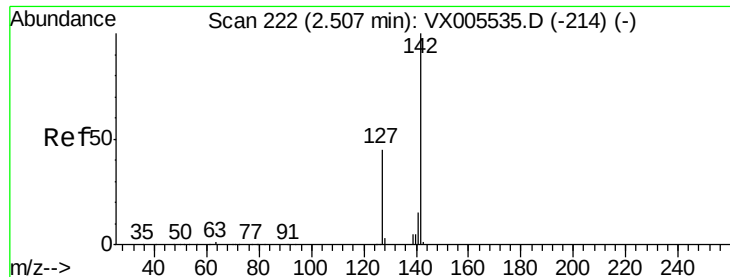
2000

1000

0

Time--> 2.10 2.15 2.20 2.25

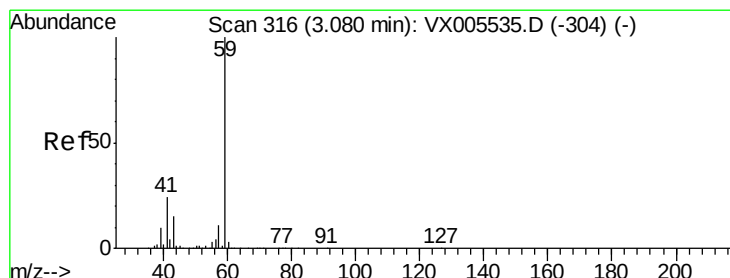
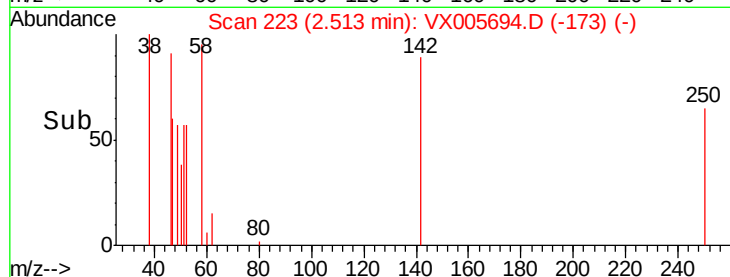
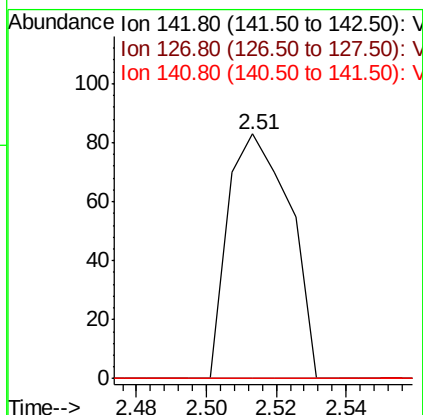
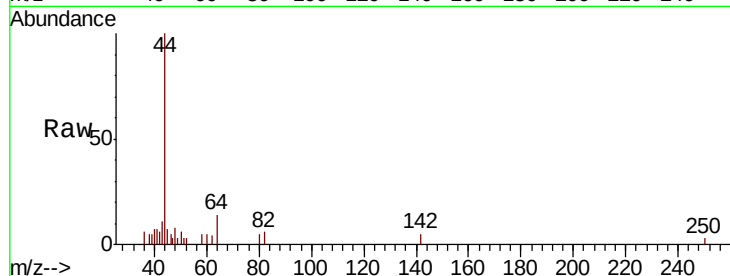




#10
Methvl Iodide
Concen: 2.766 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

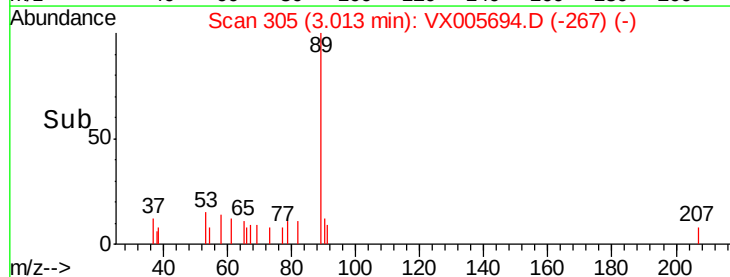
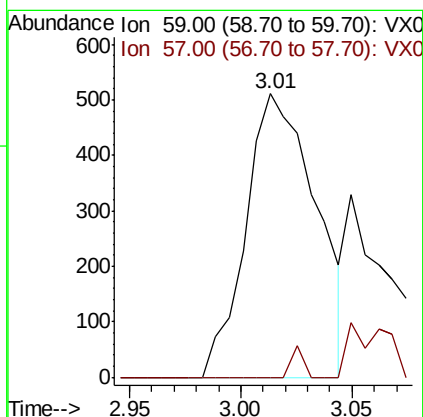
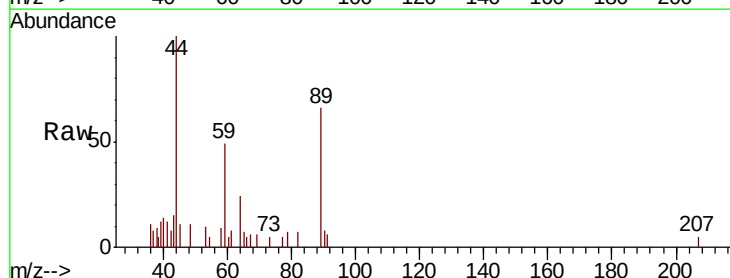
Instrument :
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HR-05-102618-C

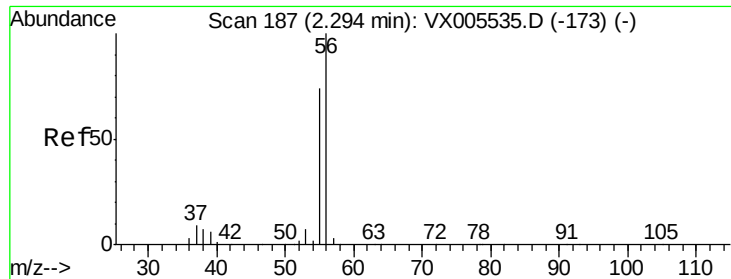
Tot Ion:142 Resp: 102
Ion Ratio Lower Upper
142 100
127 0.0 36.0 54.0#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.464 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.07 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion: 59 Resp: 1121
Ion Ratio Lower Upper
59 100
57 1.9 8.5 12.7#





#13

Acrolein

Concen: 1.311 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

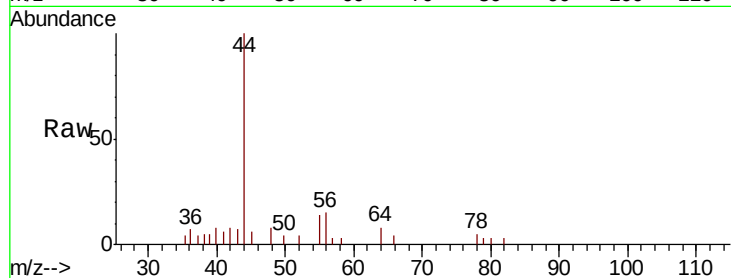
HR-05-102618-C

Tot Ion: 56 Resp: 512

Ion Ratio Lower Upper

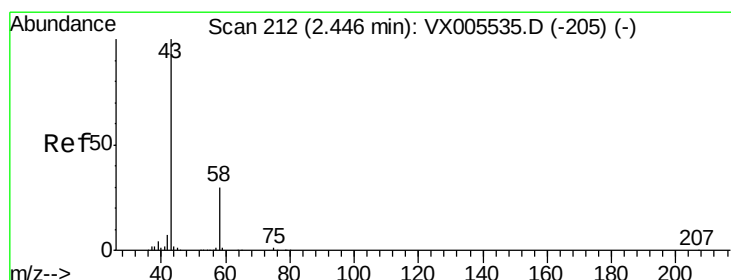
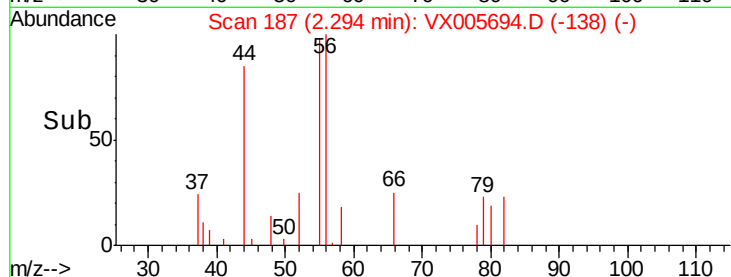
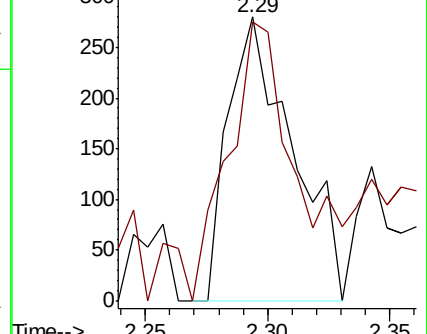
56 100

55 71.1 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 21.227 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005694.D

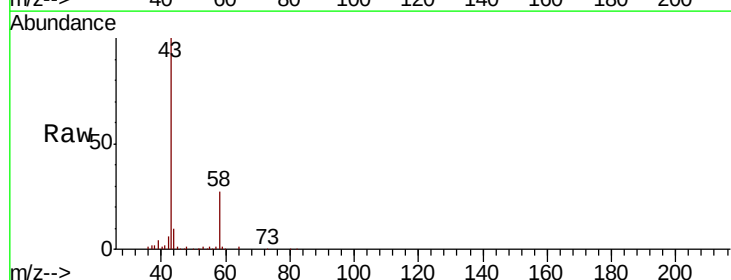
Acq: 30 Oct 2018 16:20

Tgt Ion: 43 Resp: 31923

Ion Ratio Lower Upper

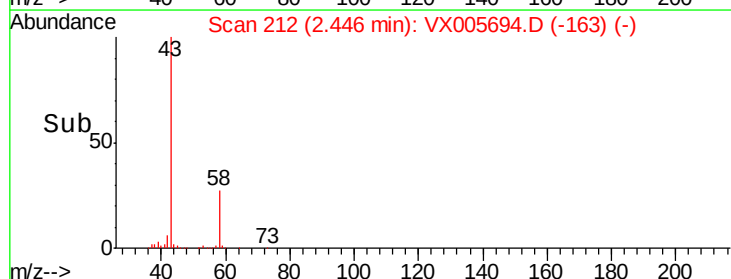
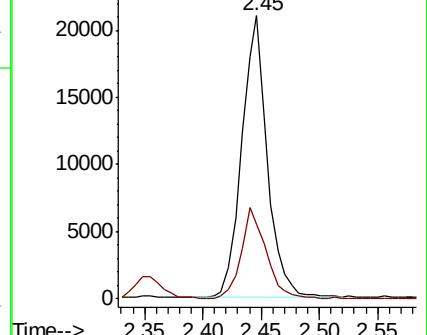
43 100

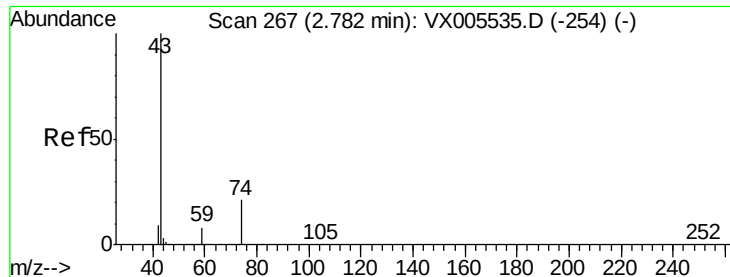
58 26.5 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

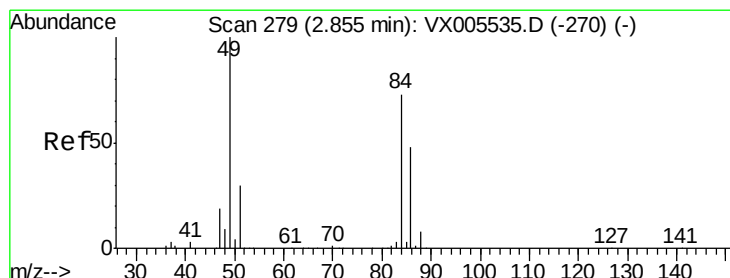
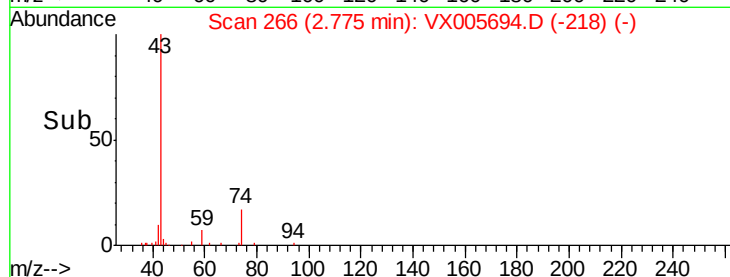
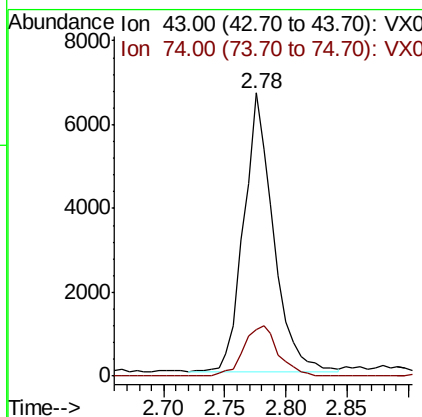
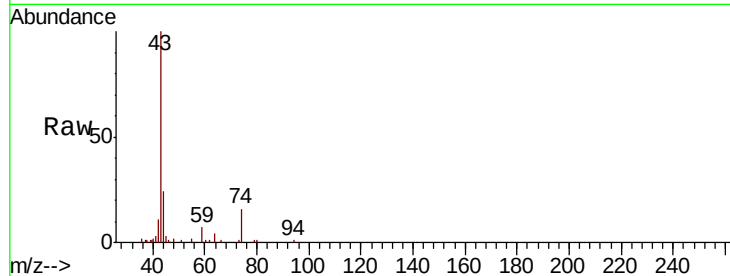




#18
Methvl Acetate
Concen: 1.592 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

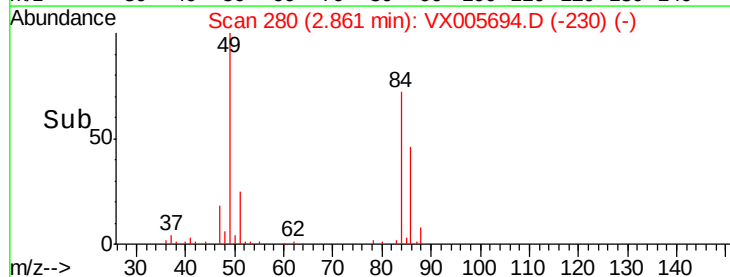
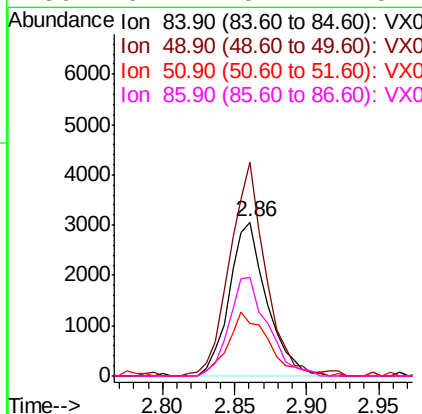
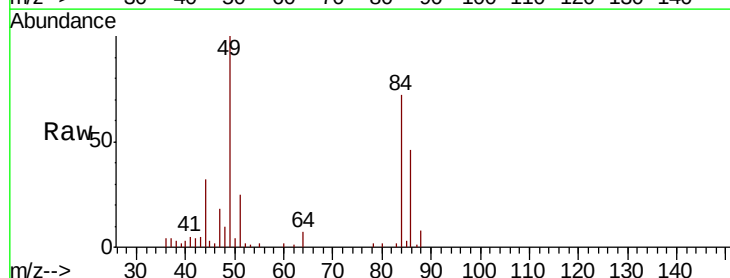
Instrument :
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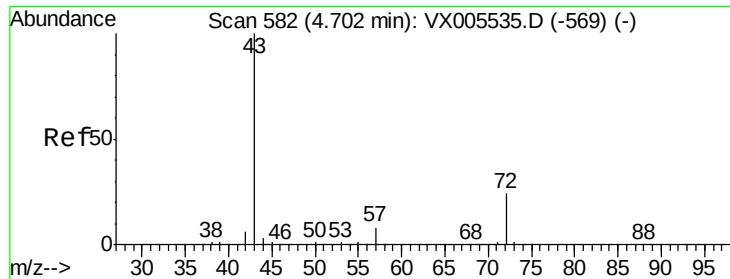
Tot Ion: 43 Resp: 11172
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 2.208 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion: 84 Resp: 5562
Ion Ratio Lower Upper
84 100
49 136.7 109.5 164.3
51 34.2 33.3 49.9
86 64.4 52.7 79.1





#25

2-Butanone

Concen: 1.561 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

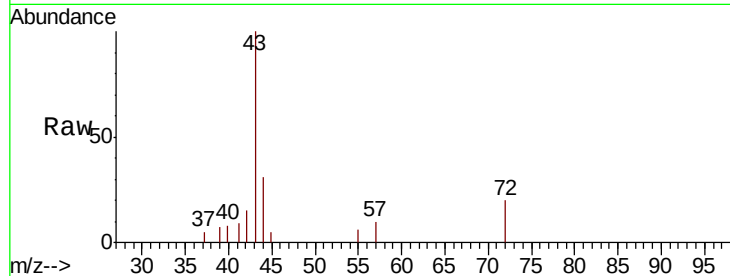
HR-05-102618-C

Tot Ion: 43 Resp: 3574

Ion Ratio Lower Upper

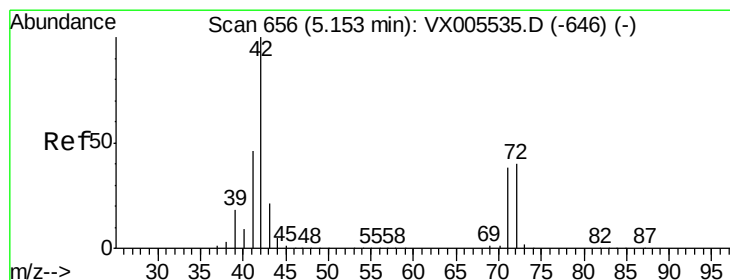
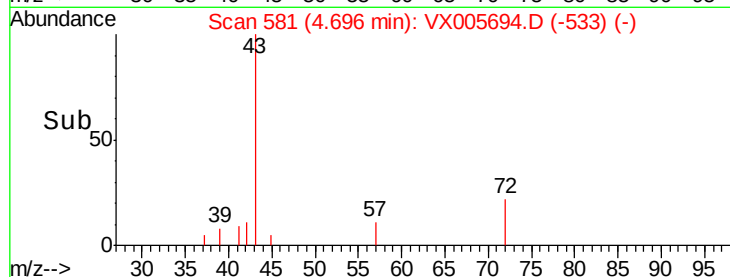
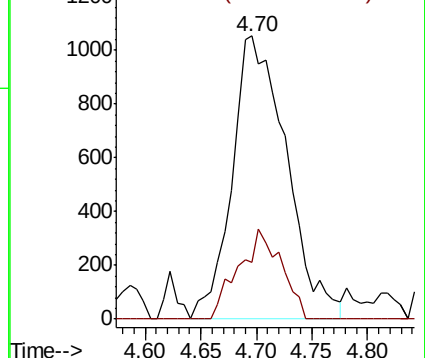
43 100

72 20.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.686 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

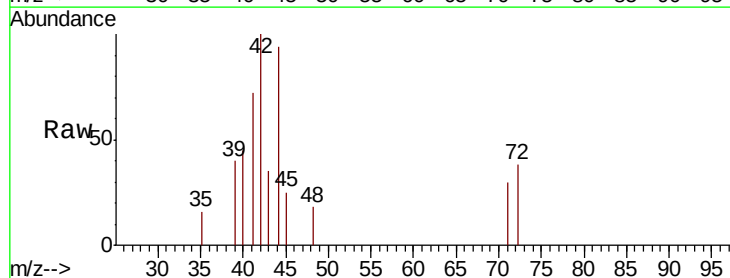
Tgt Ion: 42 Resp: 1022

Ion Ratio Lower Upper

42 100

72 36.5 32.0 48.0

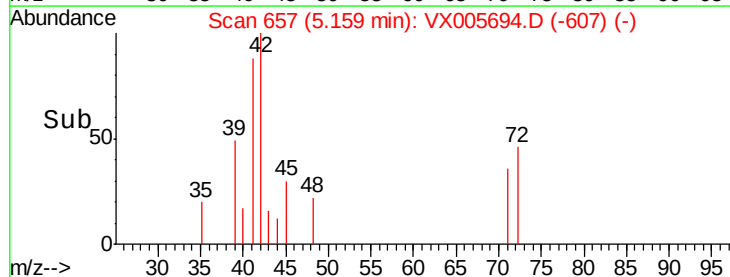
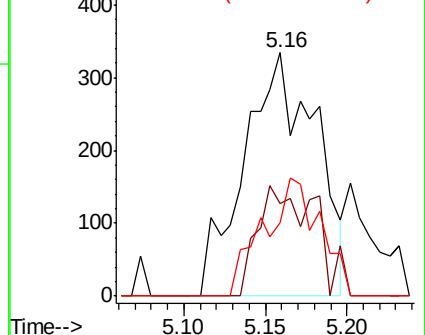
71 37.9 29.8 44.8

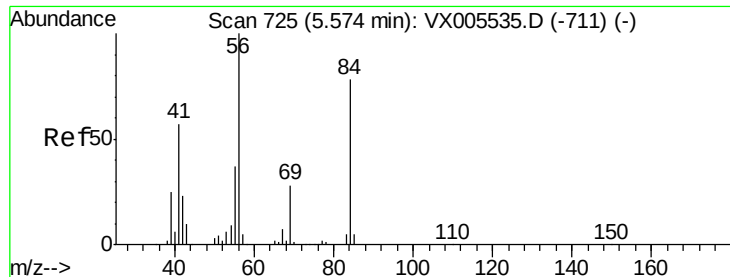


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

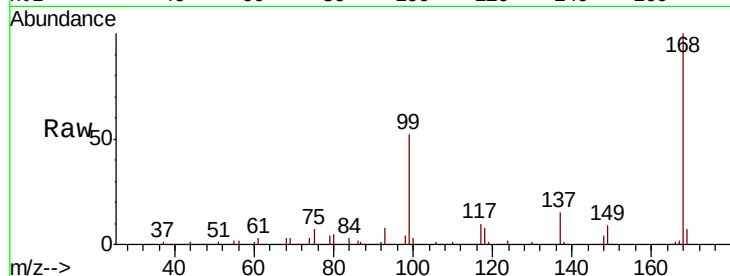




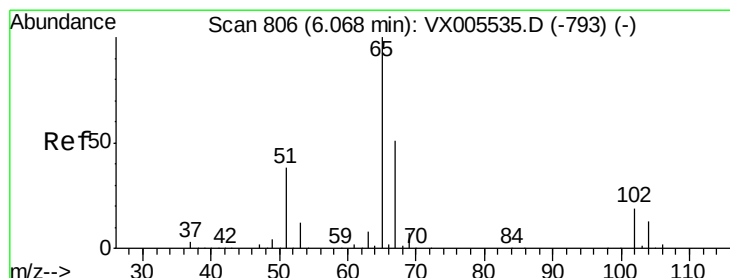
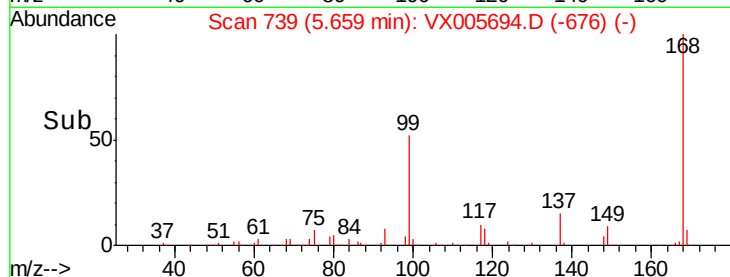
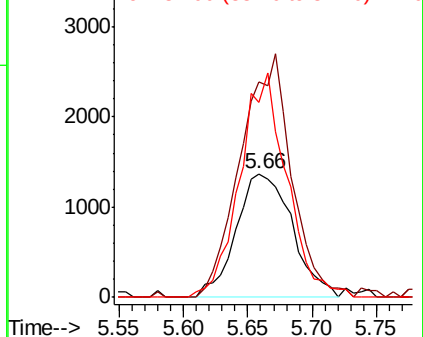
#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

Tot Ion: 56 Resp: 4144
Ion Ratio Lower Upper
56 100
69 174.0 22.6 34.0#
84 157.8 62.7 94.1#

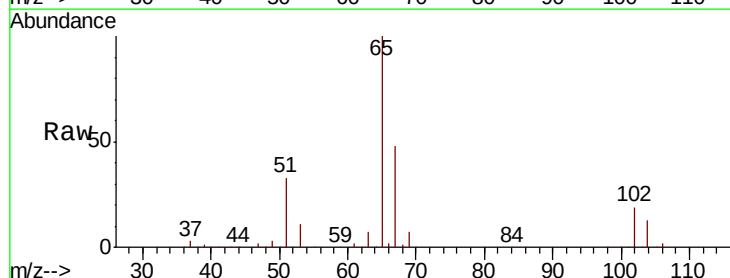


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

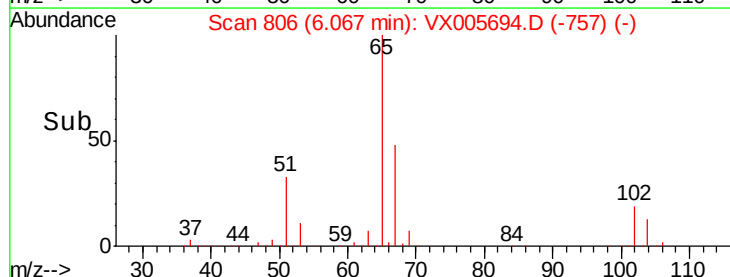
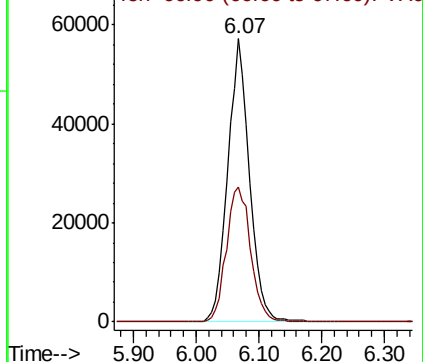


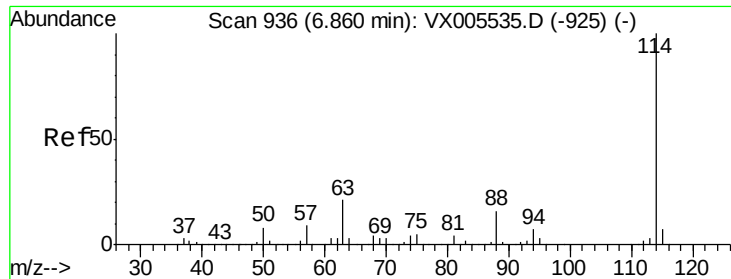
#33
1,2-Dichloroethane-d4
Concen: 48.073 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion: 65 Resp: 136817
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

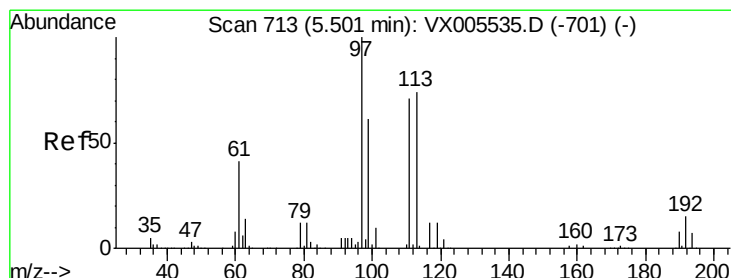
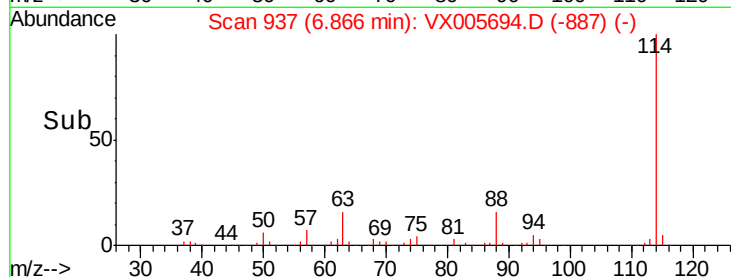
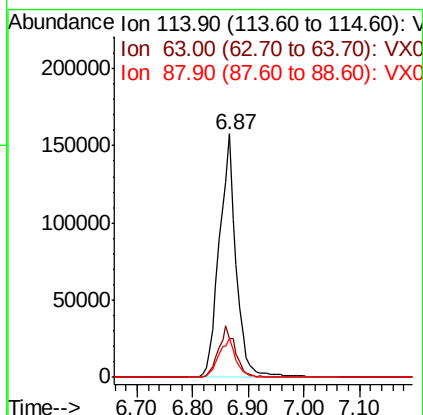
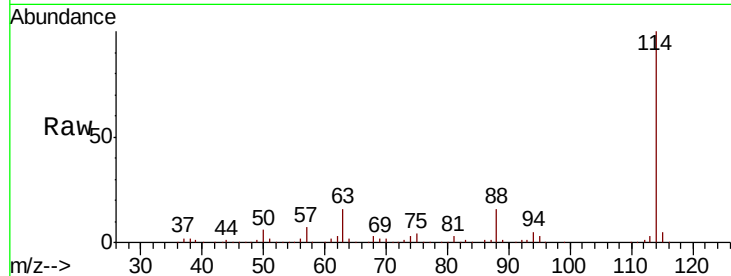




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

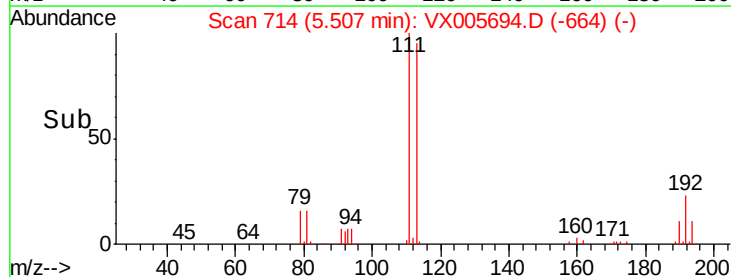
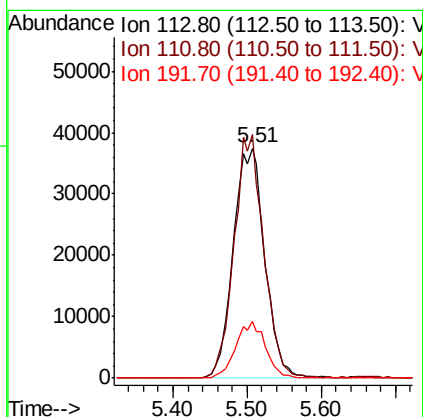
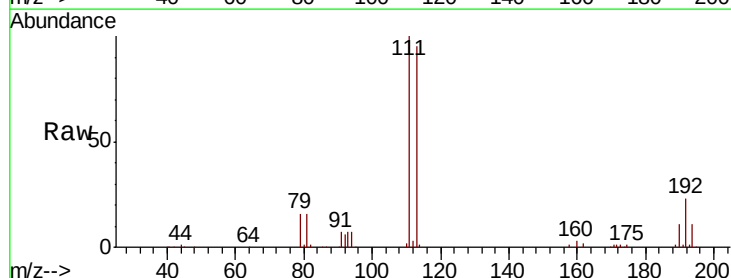
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

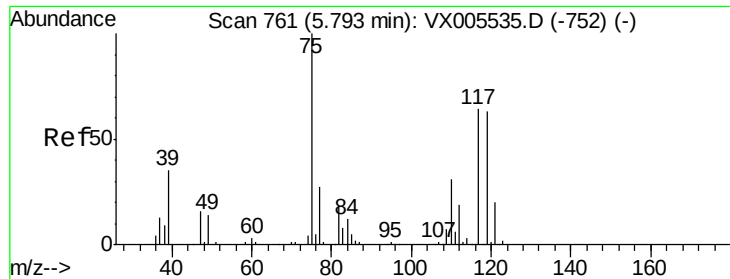
Tot Ion:114 Resp: 330140
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 42.8
 88 15.8 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 49.706 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

Tgt Ion:113 Resp: 111114
 Ion Ratio Lower Upper
 113 100
 111 99.8 82.3 123.5
 192 23.0 17.9 26.9

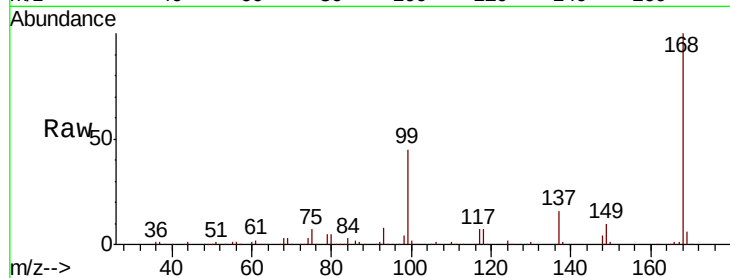




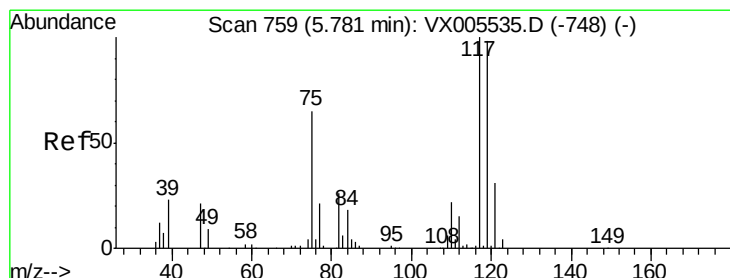
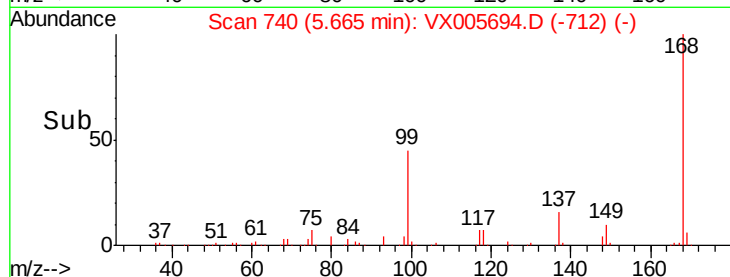
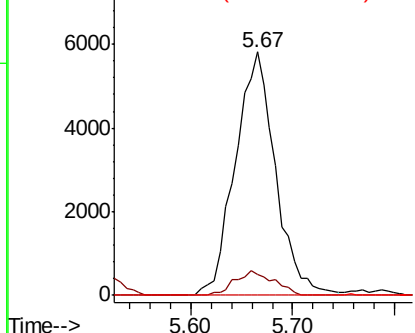
#36
 1,1-Dichloropropene
 Concen: 4.967 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

Tot Ion	75	Resp	15914
Ion Ratio	Lower	Upper	
75	100		
110	9.7	17.4	52.2#
77	0.0	25.8	38.6#

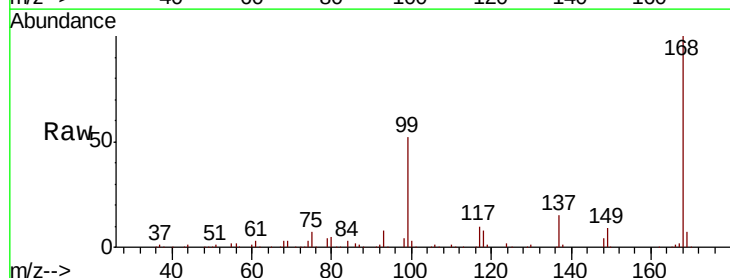


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

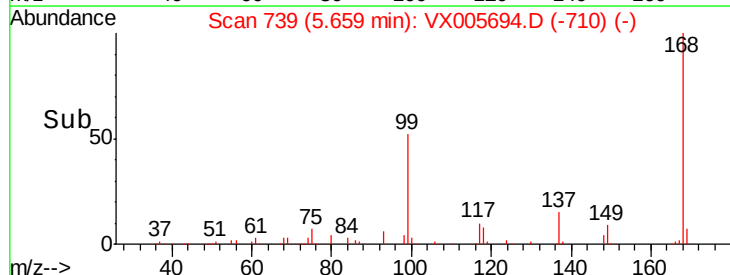
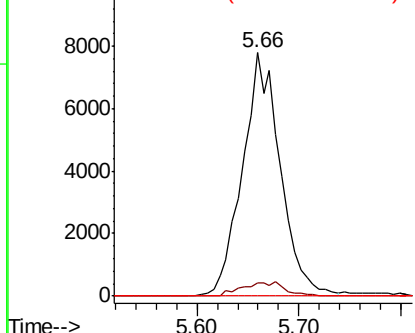


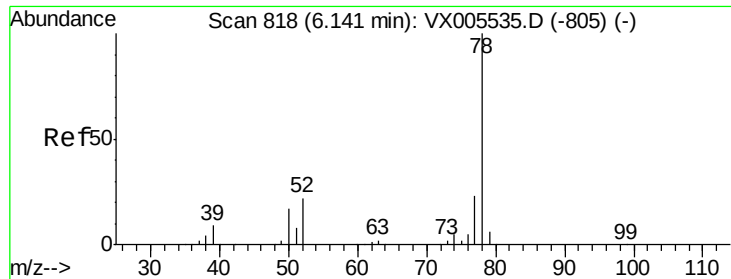
#38
 Carbon Tetrachloride
 Concen: 5.958 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

Tgt Ion	117	Resp	20105
Ion Ratio	Lower	Upper	
117	100		
119	5.3	78.1	117.1#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.332 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

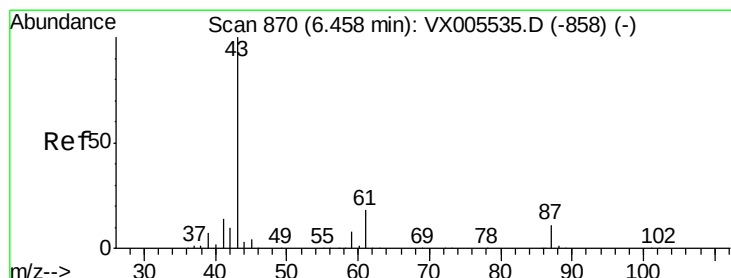
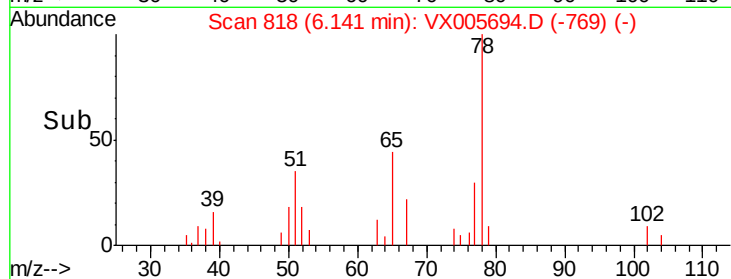
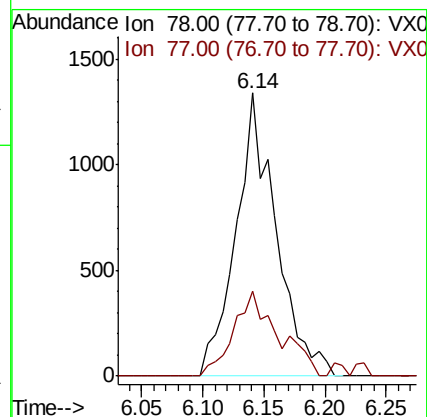
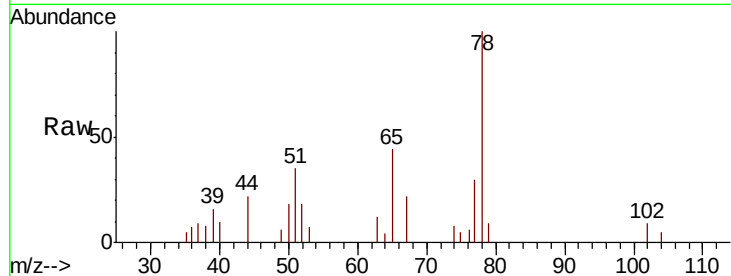
HR-05-102618-C

Tot Ion: 78 Resp: 3051

Ion Ratio Lower Upper

78 100

77 30.2 18.4 27.6#



#43

Isopropyl Acetate

Concen: 27.640 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

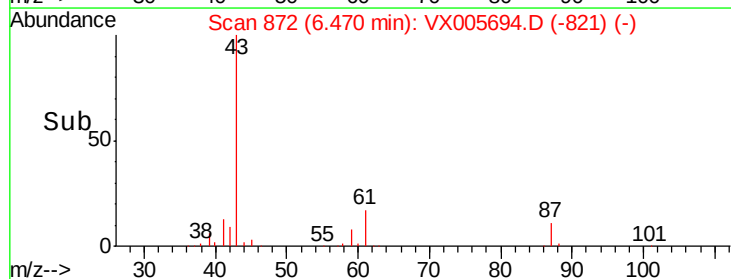
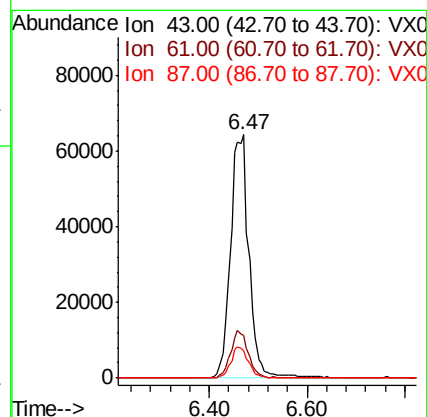
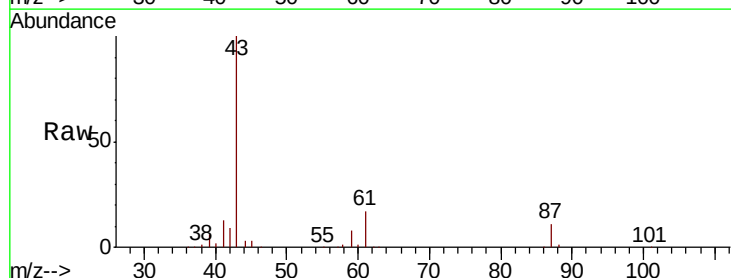
Tgt Ion: 43 Resp: 169338

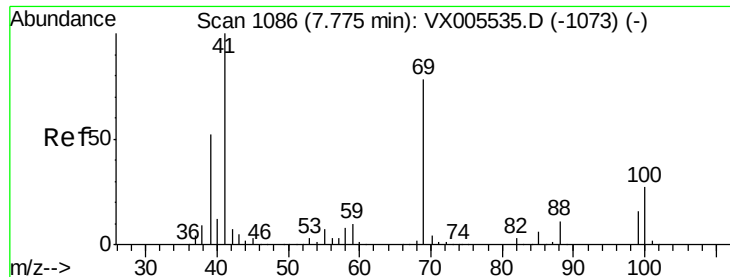
Ion Ratio Lower Upper

43 100

61 18.4 14.6 22.0

87 12.3 9.6 14.4

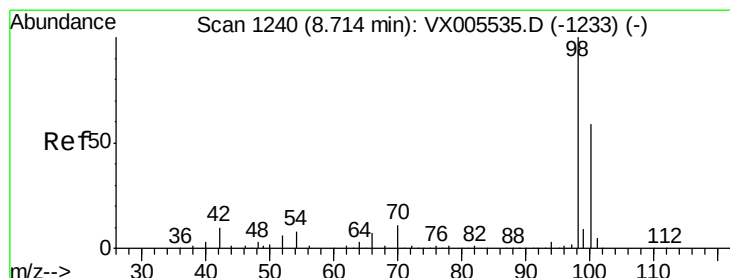
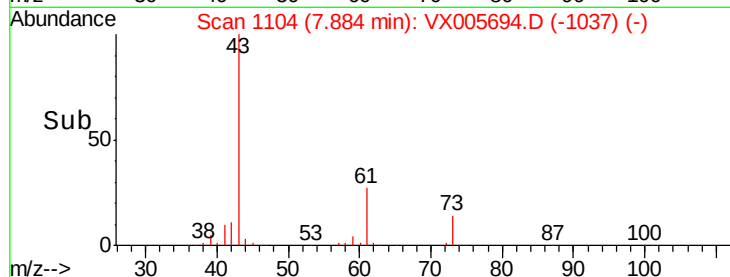
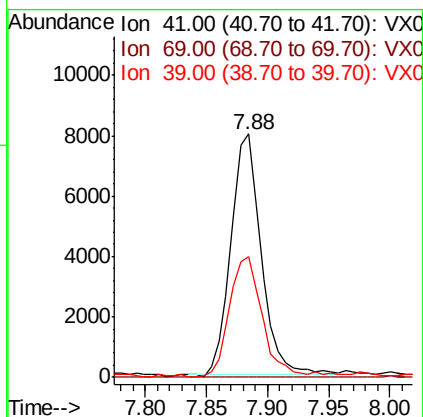
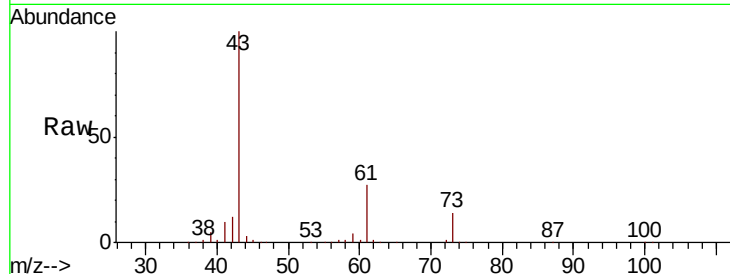




#48
Methvl methacrylate
Concen: 4.524 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.11 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

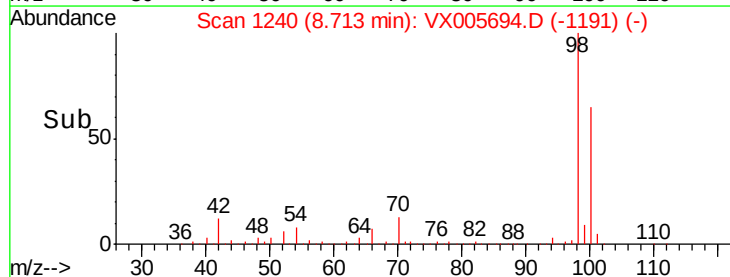
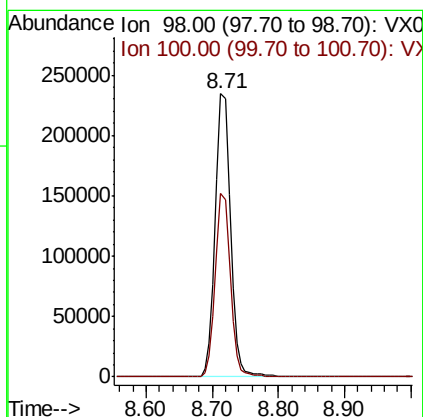
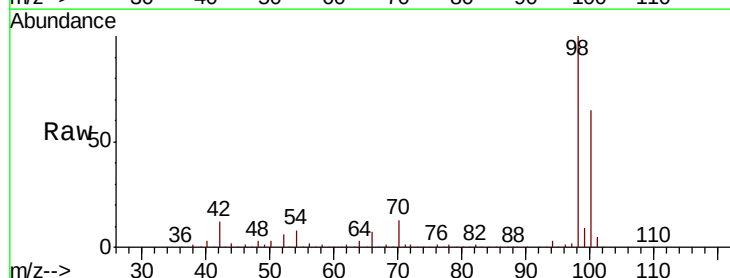
Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

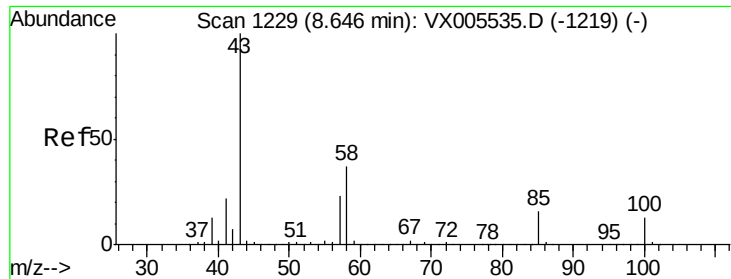
Tot Ion: 41 Resp: 13503
Ion Ratio Lower Upper
41 100
69 0.0 63.2 94.8#
39 54.7 42.2 63.2



#50
Toluene-d8
Concen: 46.948 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion: 98 Resp: 377105
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 0.703 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

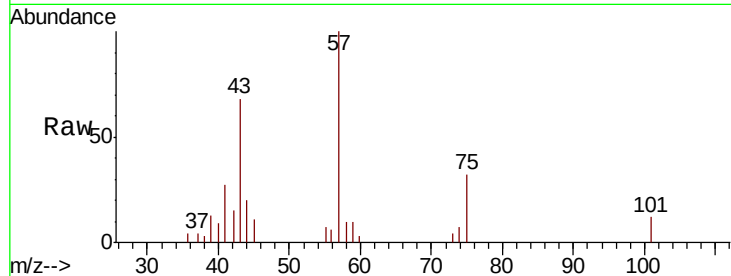
HR-05-102618-C

Tot Ion: 43 Resp: 2896

Ion Ratio Lower Upper

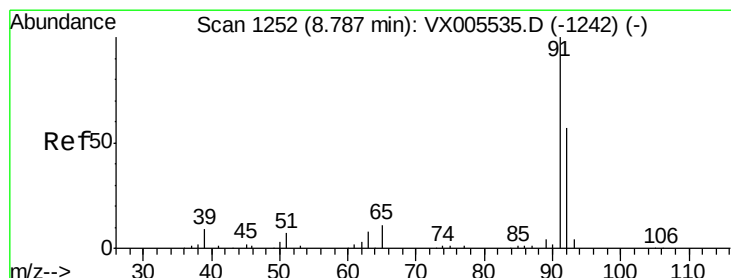
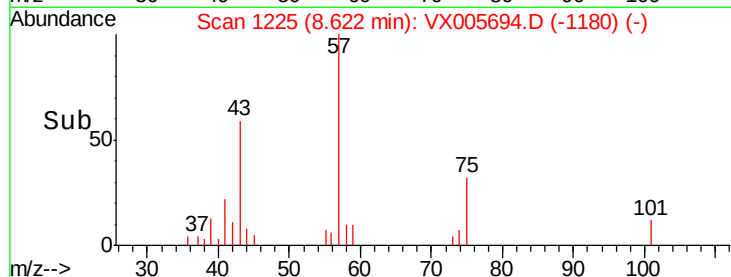
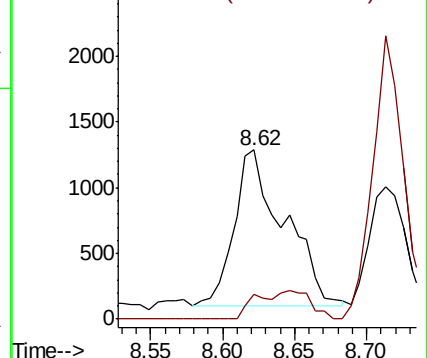
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.368 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005694.D

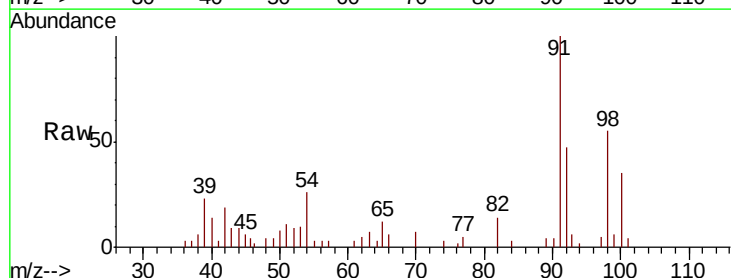
Acq: 30 Oct 2018 16:20

Tgt Ion: 92 Resp: 2053

Ion Ratio Lower Upper

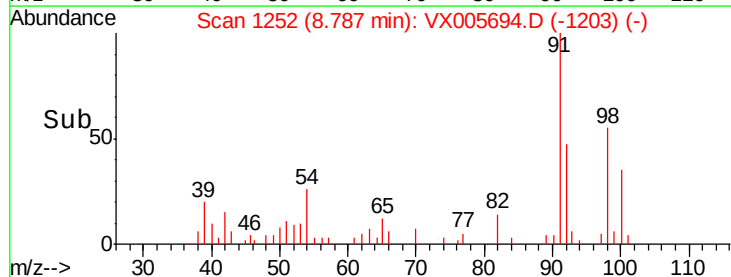
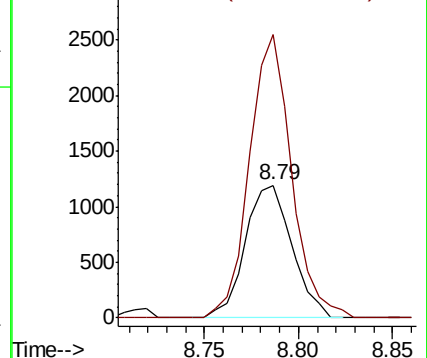
92 100

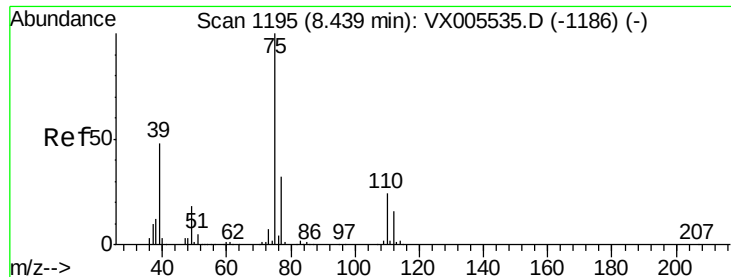
91 191.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.267 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-C

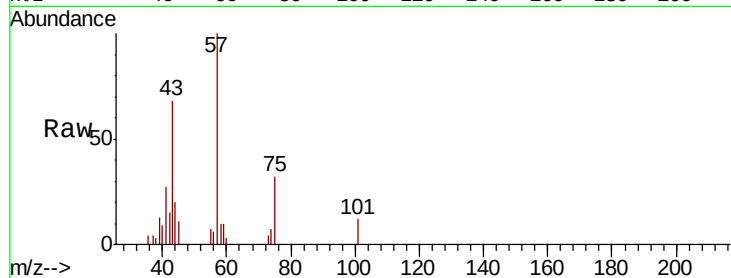
Tot Ion: 75 Resp: 960

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

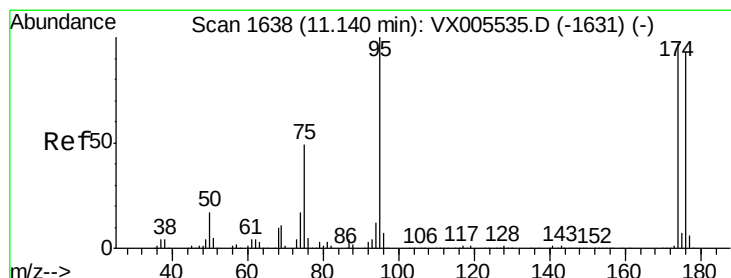
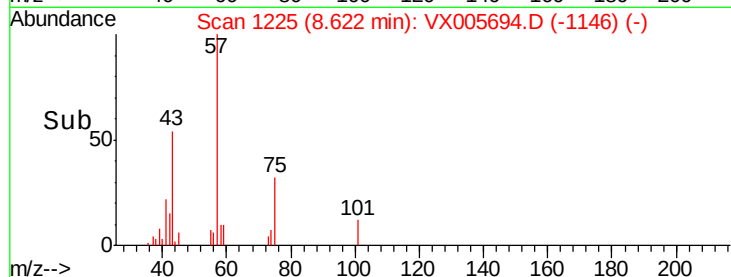
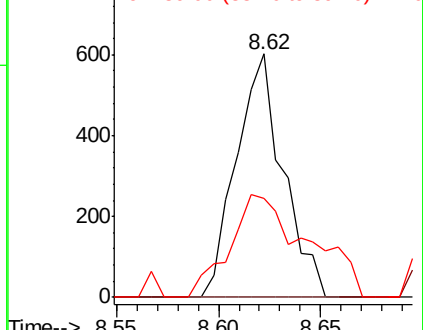
39 40.5 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.395 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

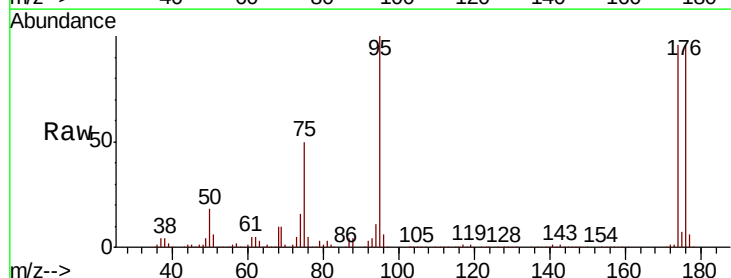
Tgt Ion: 95 Resp: 128602

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.4

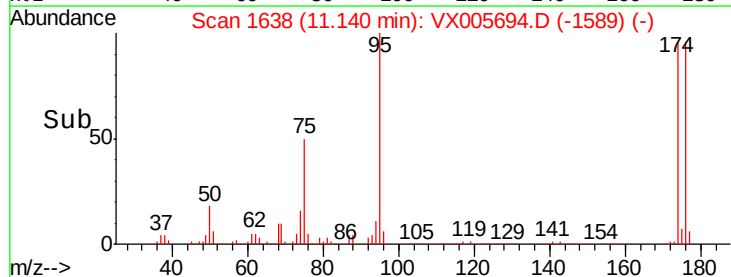
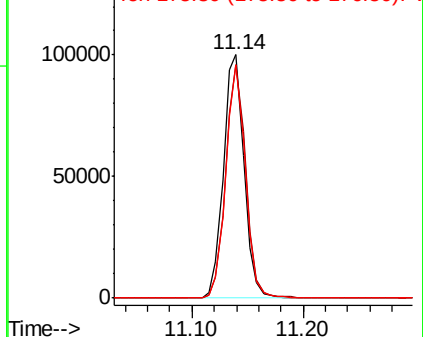
176 90.7 0.0 177.4

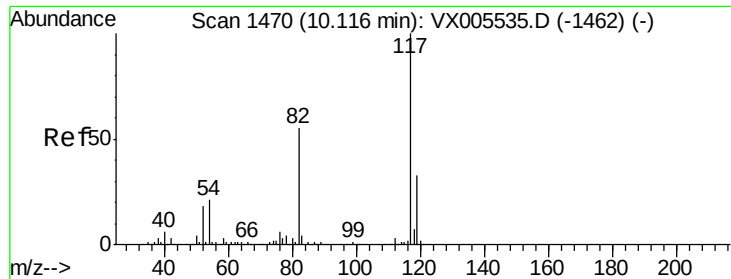


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

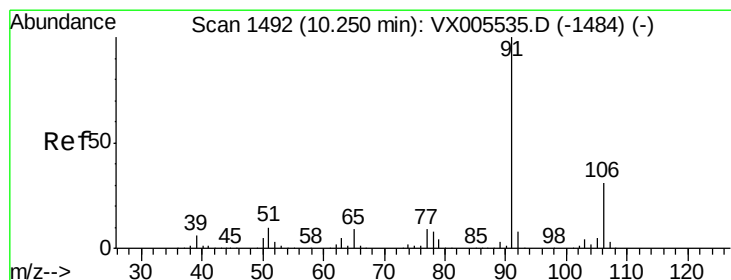
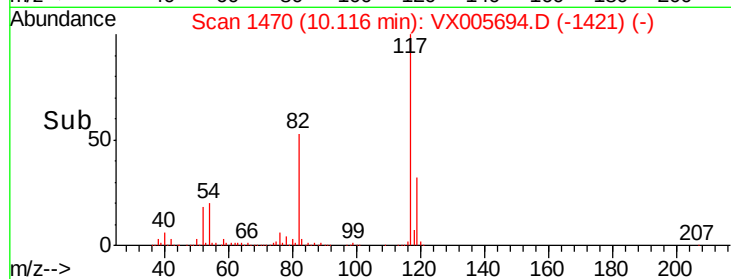
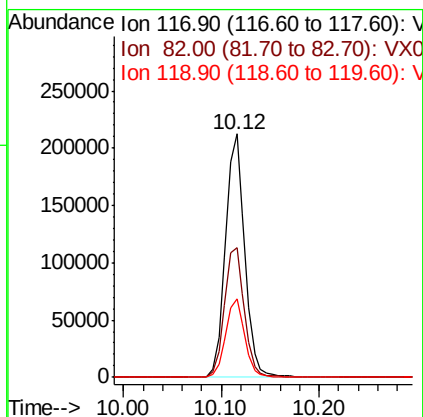
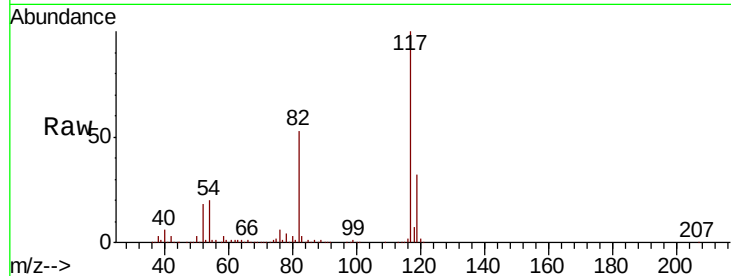




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

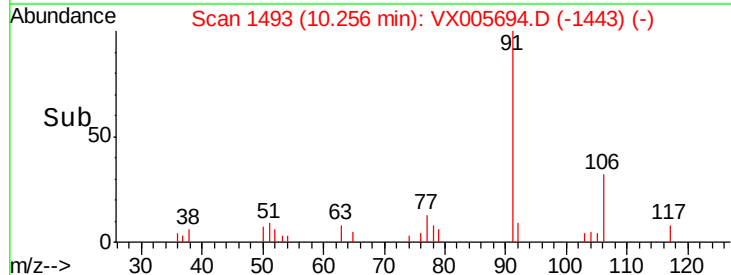
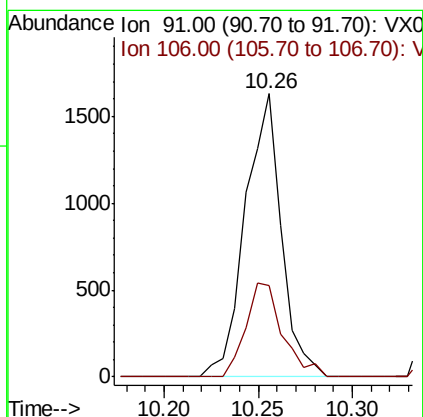
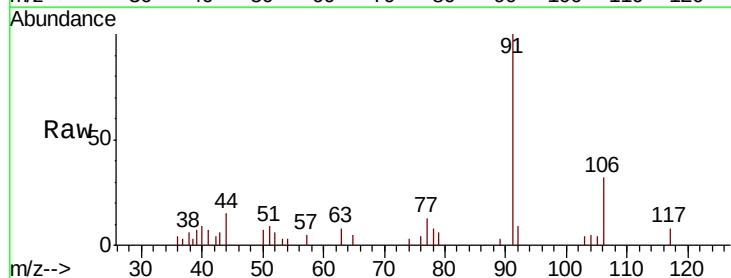
Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

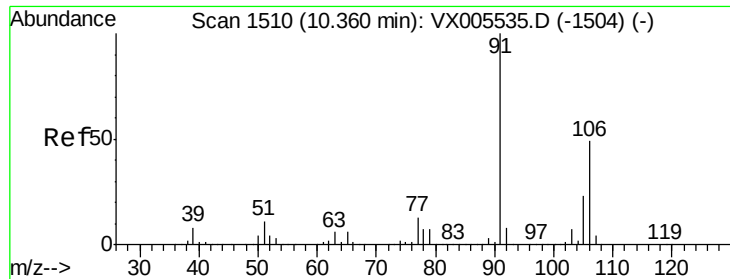
Tot Ion:117 Resp: 289814
Ion Ratio Lower Upper
117 100
82 53.4 44.1 66.1
119 32.2 26.2 39.2



#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion: 91 Resp: 2164
Ion Ratio Lower Upper
91 100
106 32.4 24.4 36.6

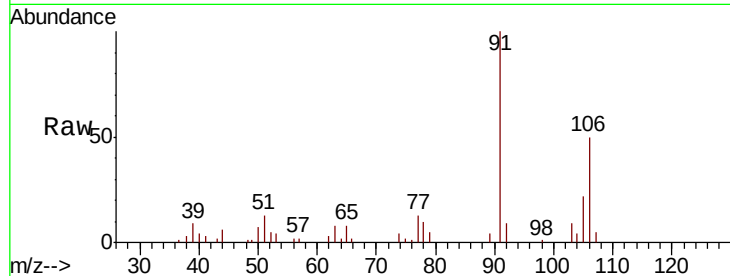




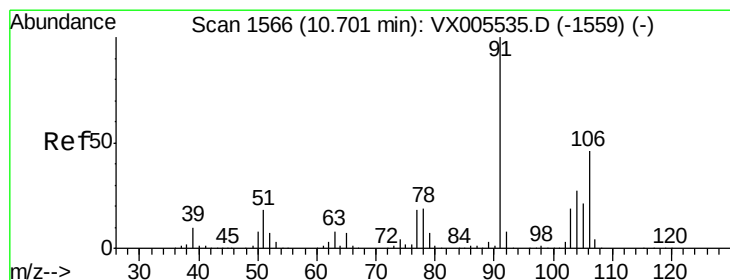
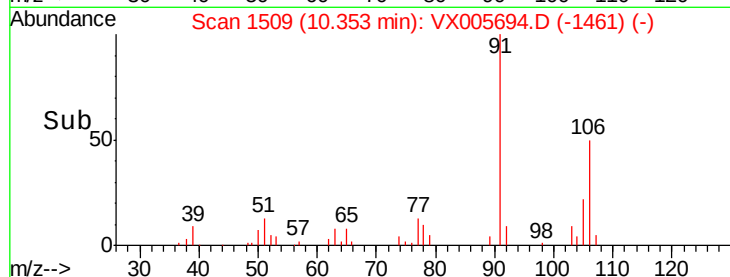
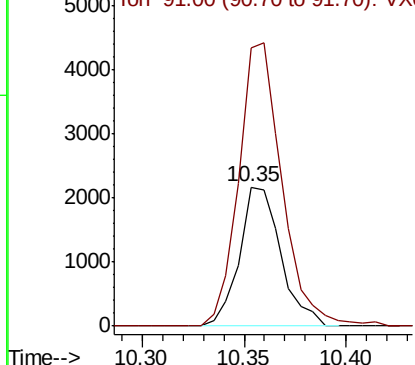
#68
m/p-Xylenes
Concen: 0.778 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

Tot Ion:106 Resp: 3063
Ion Ratio Lower Upper
106 100
91 213.4 164.2 246.4

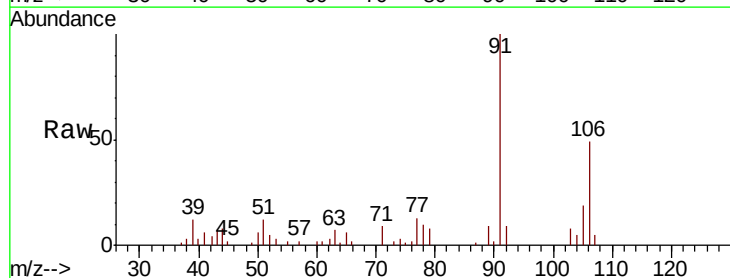


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

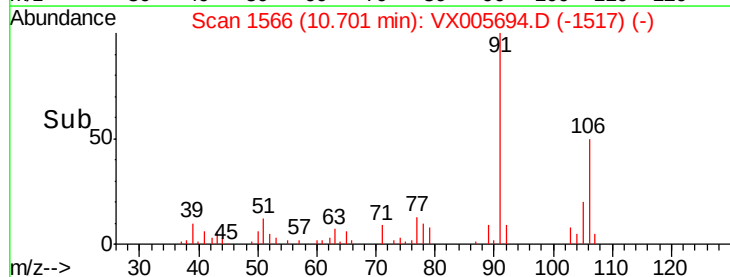
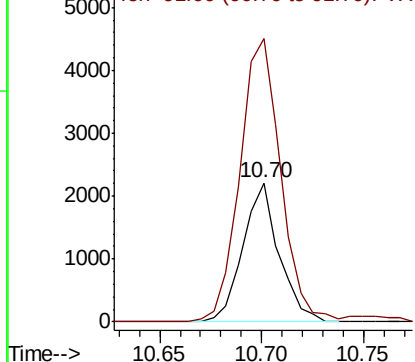


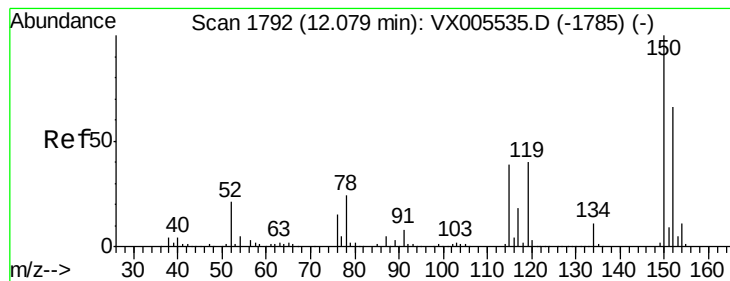
#69
o-Xylene
Concen: 0.730 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion:106 Resp: 2704
Ion Ratio Lower Upper
106 100
91 233.4 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-C

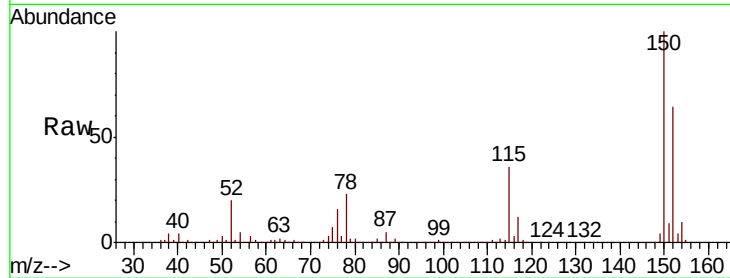
Tot Ion:152 Resp: 145763

Ion Ratio Lower Upper

152 100

115 54.6 39.4 118.1

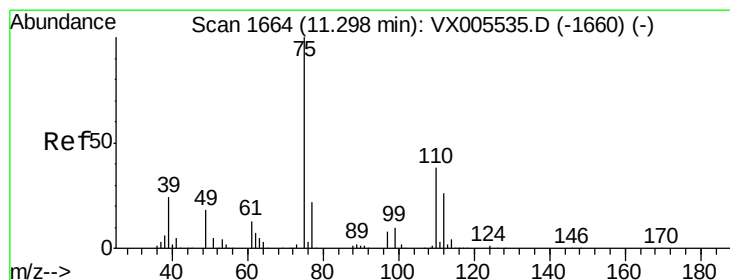
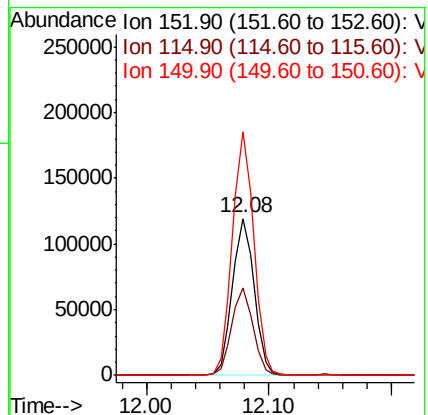
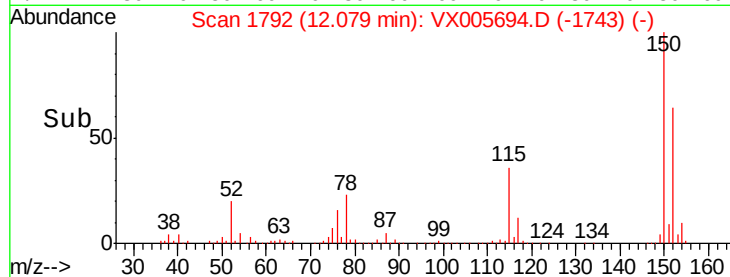
150 153.7 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.943 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005694.D

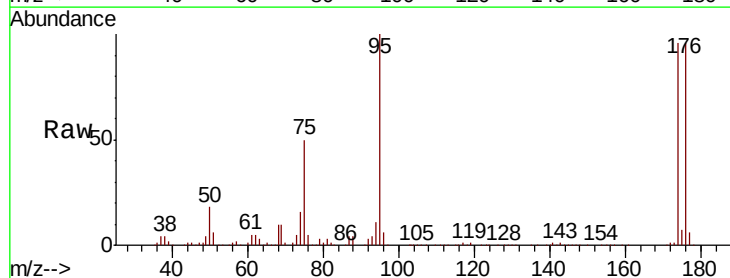
Acq: 30 Oct 2018 16:20

Tgt Ion: 75 Resp: 64680

Ion Ratio Lower Upper

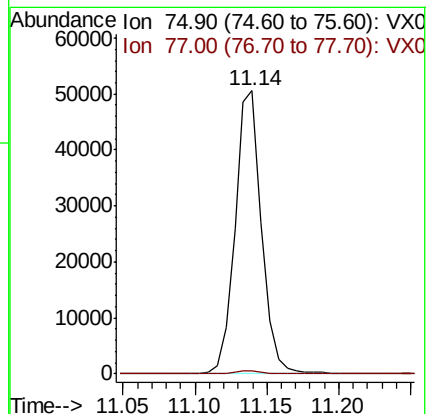
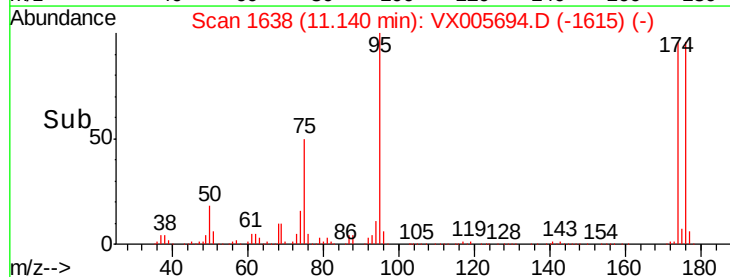
75 100

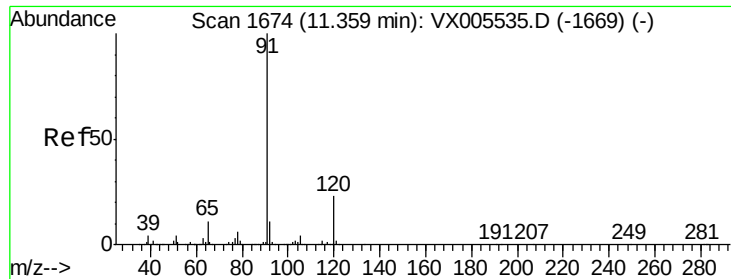
77 1.2 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.426 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

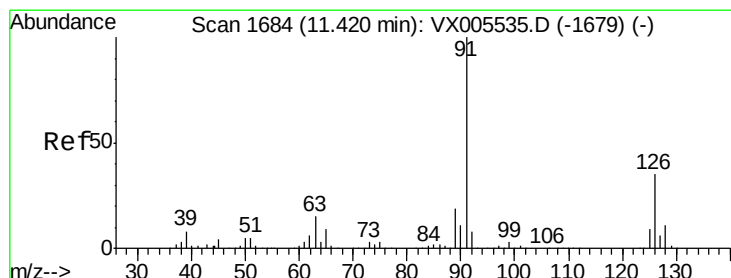
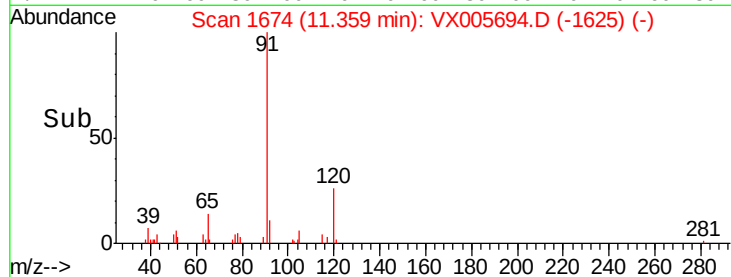
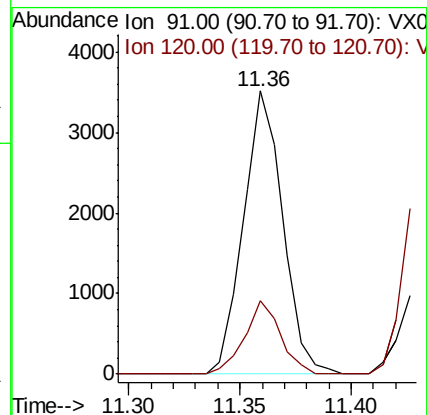
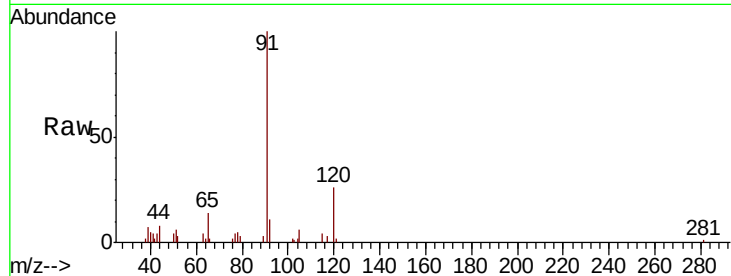
HR-05-102618-C

Tot Ion: 91 Resp: 4337

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.404 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX005694.D

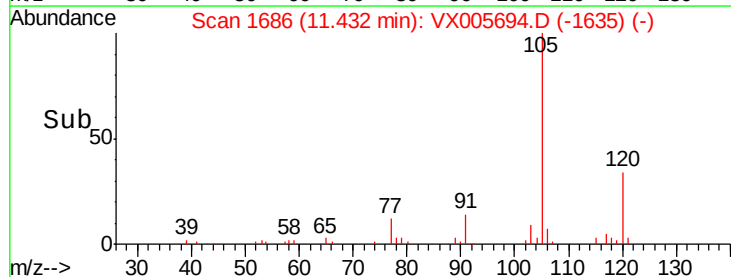
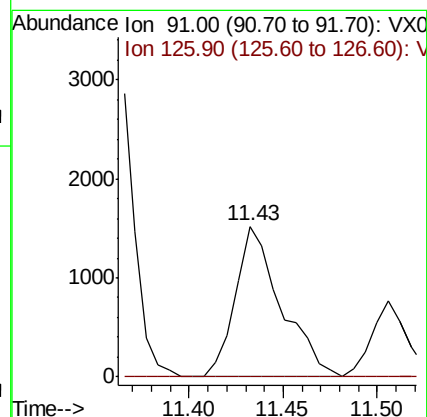
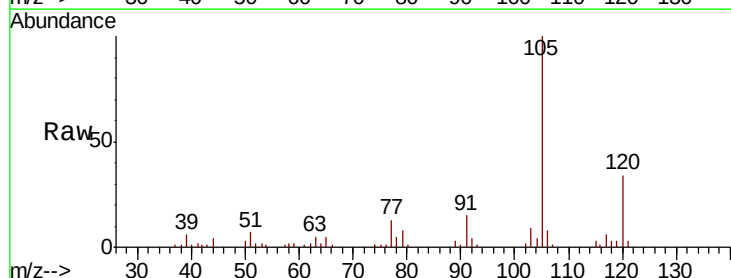
Acq: 30 Oct 2018 16:20

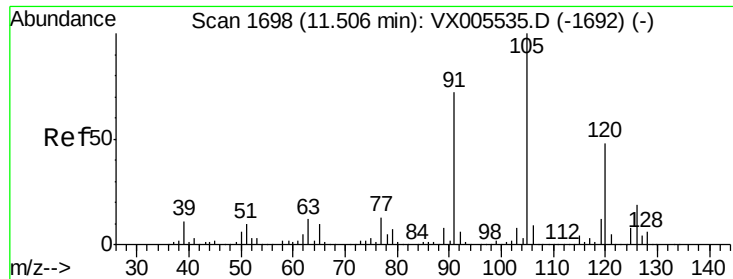
Tgt Ion: 91 Resp: 2551

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

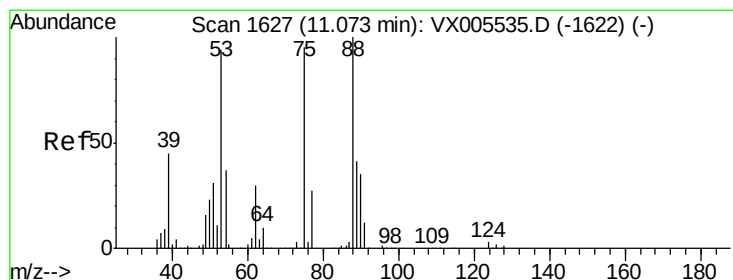
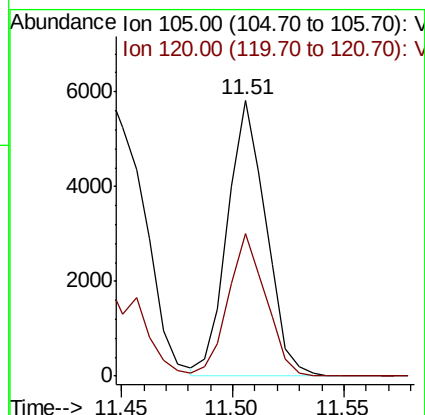
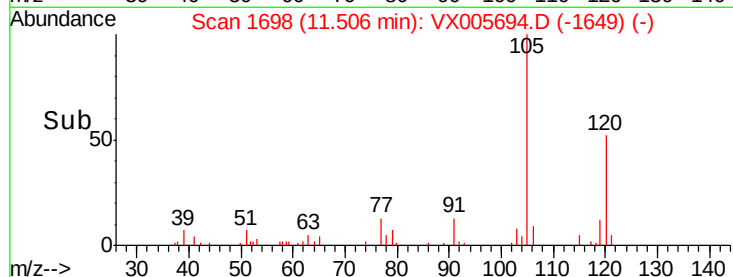
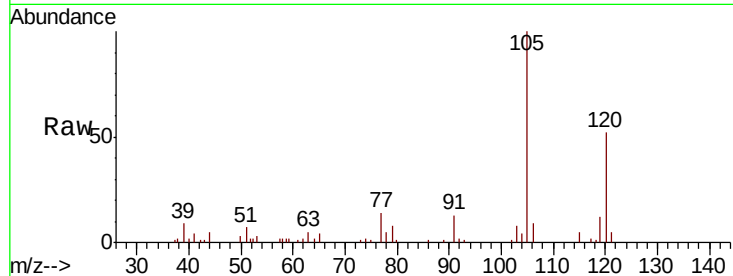




#80
1,3,5-Trimethylbenzene
Concen: 0.917 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

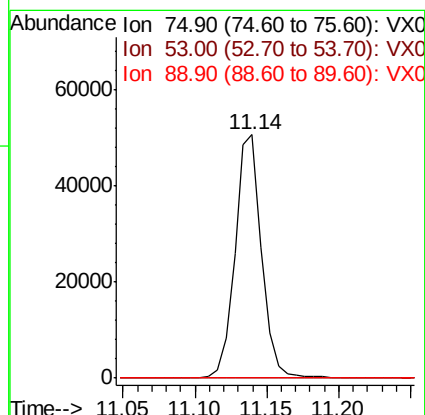
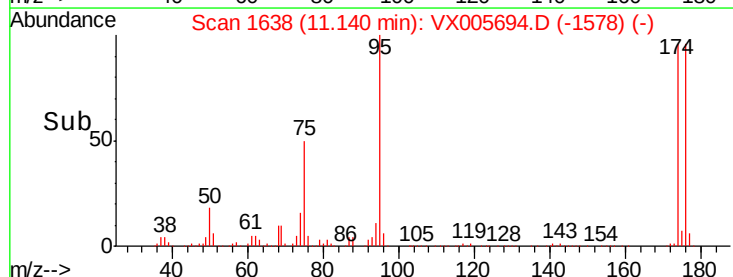
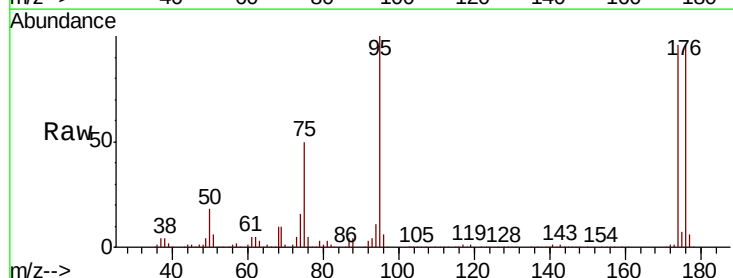
Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

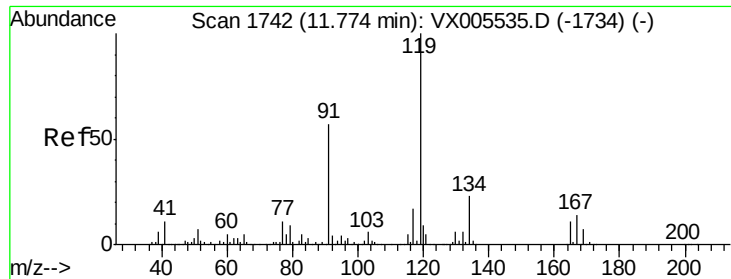
Tot Ion:105 Resp: 6990
Ion Ratio Lower Upper
105 100
120 50.9 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 68.432 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005694.D
Acq: 30 Oct 2018 16:20

Tgt Ion: 75 Resp: 64680
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.2#
89 0.0 39.8 59.8#

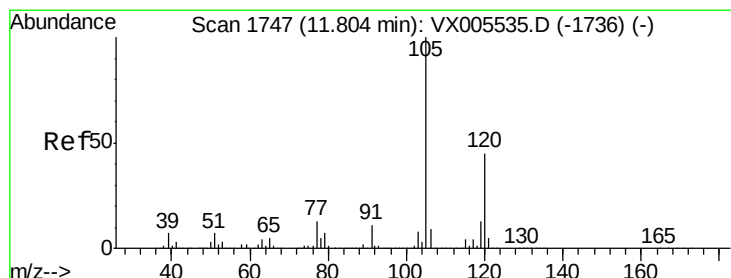
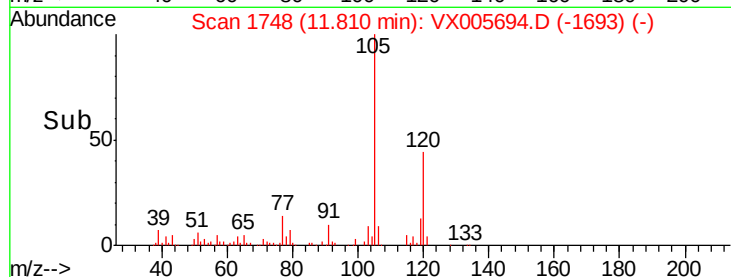
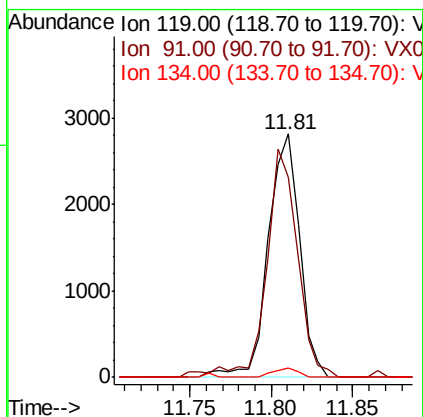
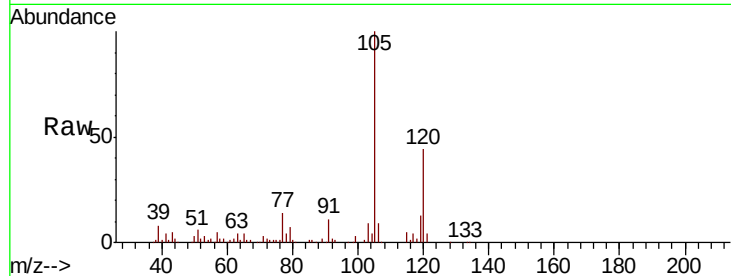




#83
 tert-Butylbenzene
 Concen: 0.489 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

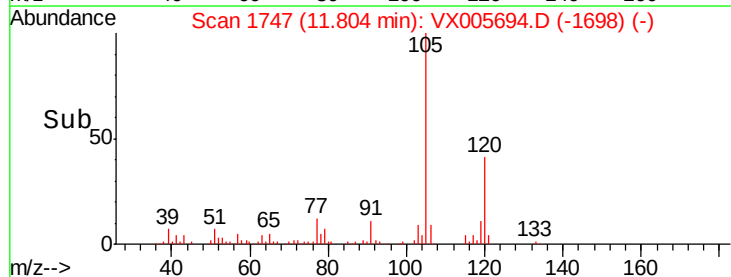
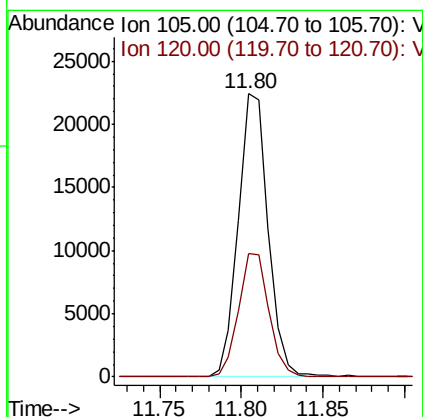
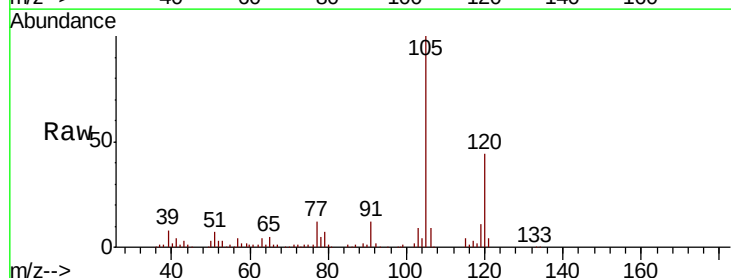
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

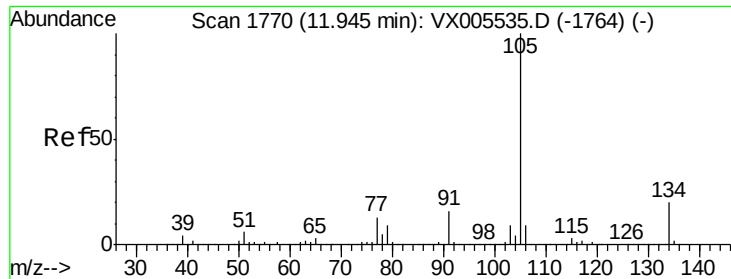
Tot Ion:119 Resp: 3717
 Ion Ratio Lower Upper
 119 100
 91 93.6 28.5 85.5#
 134 2.9 11.3 33.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.715 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005694.D
 Acq: 30 Oct 2018 16:20

Tgt Ion:105 Resp: 28698
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.263 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

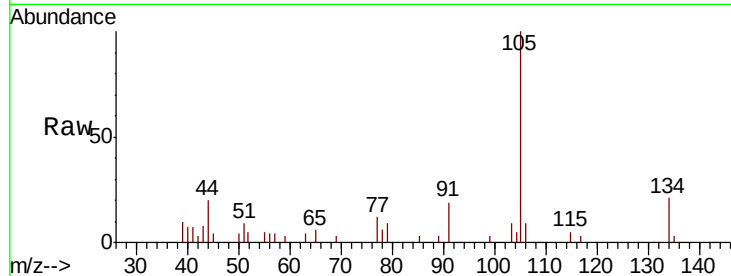
HR-05-102618-C

Tot Ion:105 Resp: 2385

Ion Ratio Lower Upper

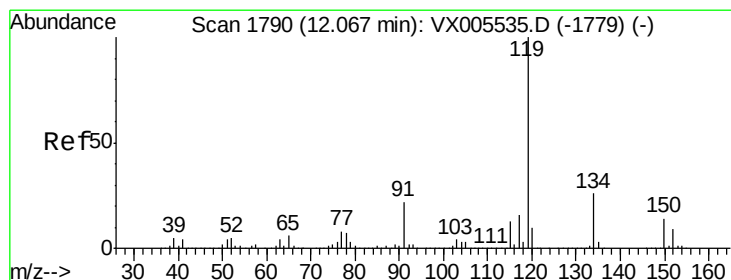
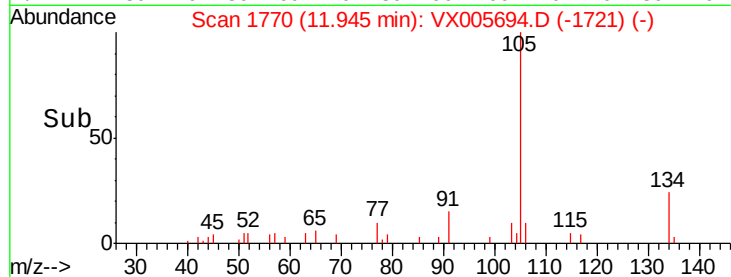
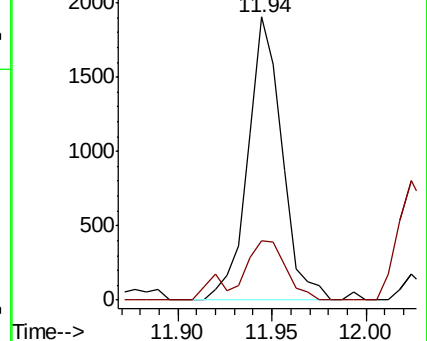
105 100

134 23.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.430 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

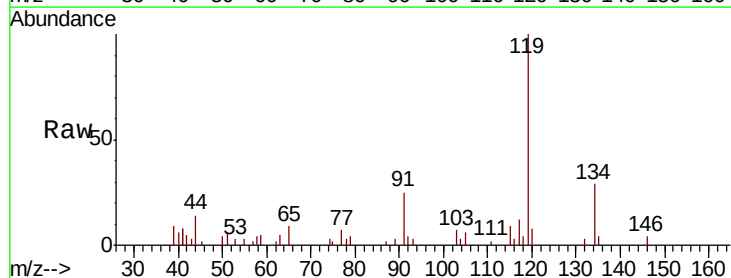
Tgt Ion:119 Resp: 3484

Ion Ratio Lower Upper

119 100

134 28.2 13.0 39.0

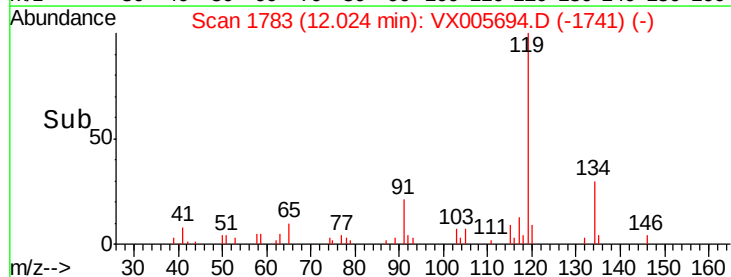
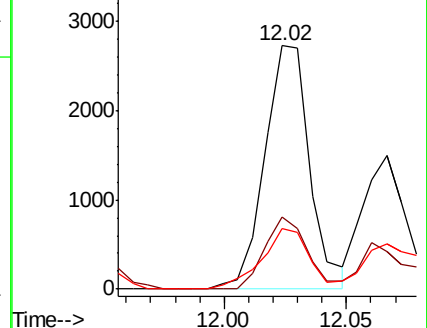
91 26.2 11.4 34.2

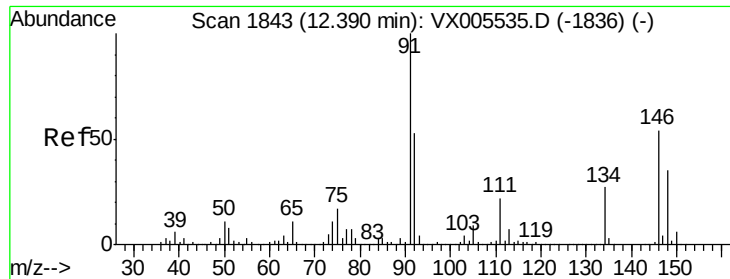


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 0.630 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

HR-05-102618-C

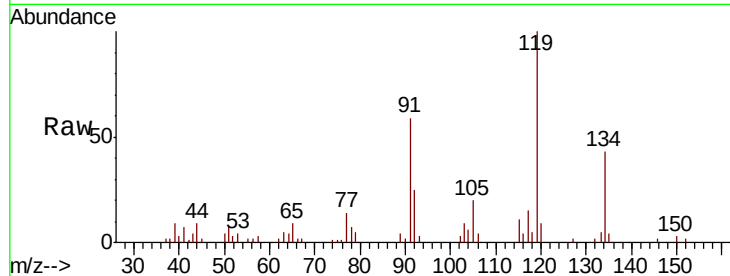
Tot Ion: 91 Resp: 4606

Ion Ratio Lower Upper

91 100

92 30.9 26.1 78.2

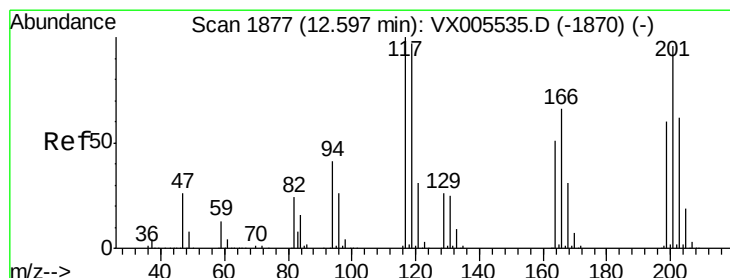
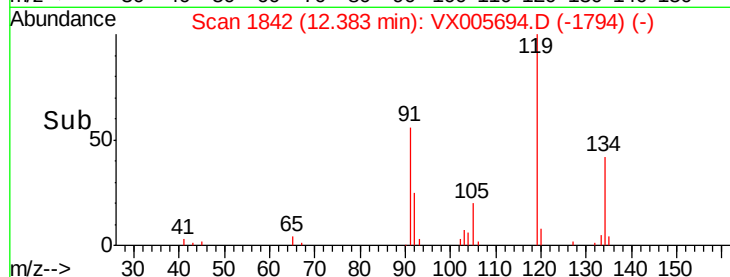
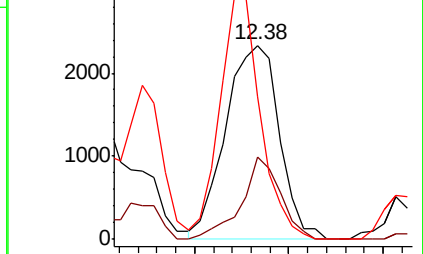
134 95.5 13.1 39.3#



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005535.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005535.D (-1836) (-)



#90

Hexachloroethane

Concen: 0.799 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX005694.D

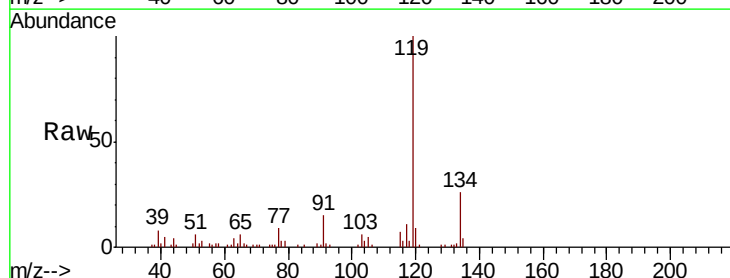
Acq: 30 Oct 2018 16:20

Tgt Ion: 117 Resp: 1117

Ion Ratio Lower Upper

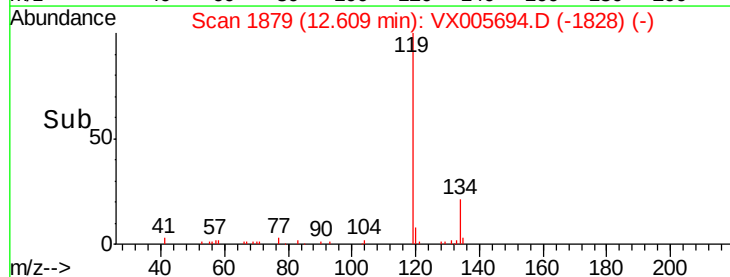
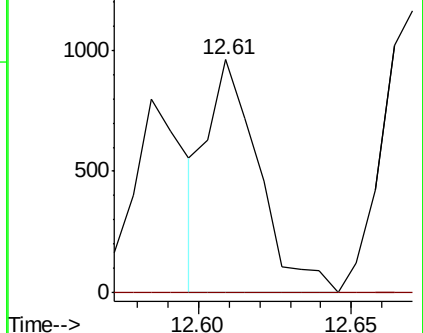
117 100

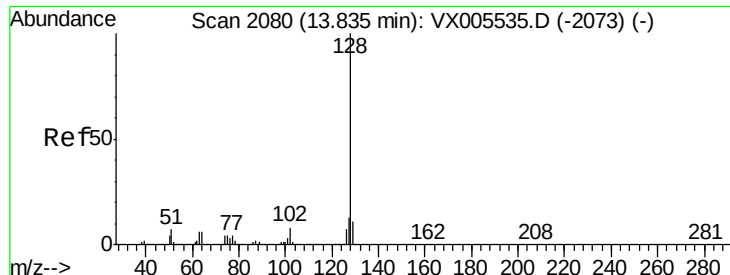
201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005535.D (-1870) (-)





#95

Naphthalene

Concen: 1.173 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005694.D

Acq: 30 Oct 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

HR-05-102618-C

Tot Ion:128 Resp: 11673

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 15.1 8.7 13.1#

