

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006230.D
 Acq On : 30 Nov 2018 15:09
 Operator : JC/MD
 Sample : J5770-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-B

Quant Time: Nov 30 22:19:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	885691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1317855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1183745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	588137	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	425652	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	5.51	113	414419	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	1536233	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	561904	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	4398	1.779	ug/l	96
13) Acrolein	2.27	56	1577	1.167	ug/l #	1
14) Allyl chloride	2.86	41	368073	23.250	ug/l #	28
16) Acetone	2.45	43	50973	12.013	ug/l	96
18) Methyl Acetate	2.78	43	20508	1.445	ug/l	94
20) Methylene Chloride	2.86	84	9620634	1065.364	ug/l	97
25) 2-Butanone	4.71	43	7507	1.240	ug/l #	88
29) Tetrahydrofuran	5.16	42	3174	0.754	ug/l #	50
30) Chloroform	5.21	83	6817	0.459	ug/l	93
31) Cyclohexane	5.59	56	6282	0.481	ug/l #	74
36) 1,1-Dichloropropene	5.66	75	55154	4.970	ug/l #	49
38) Carbon Tetrachloride	5.66	117	80123	6.137	ug/l #	15
39) Methylcyclohexane	7.46	83	8236	0.572	ug/l	94
40) Benzene	6.15	78	47214	1.420	ug/l	98
43) Isopropyl Acetate	6.46	43	53075	2.561	ug/l	97
48) Methyl methacrylate	7.68	41	27090	2.687	ug/l #	13
49) 1,4-Dioxane	7.75	88	369	1.485	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	239815	19.881	ug/l #	49
52) Toluene	8.79	92	1171658	53.580	ug/l	100
54) cis-1,3-Dichloropropene	8.62	75	126611	8.824	ug/l #	56
57) 1,3-Dichloropropane	9.54	76	26887	1.914	ug/l #	46
59) 2-Hexanone	9.44	43	38228	4.148	ug/l #	24
60) Dibromochloromethane	9.33	129	188004	17.162	ug/l #	11
64) Tetrachloroethene	9.33	164	212593	23.848	ug/l	97
67) Ethyl Benzene	10.25	91	749718	17.939	ug/l	99
68) m/p-Xylenes	10.36	106	1177197	70.317	ug/l	99
69) o-Xylene	10.70	106	477274	28.862	ug/l	100
70) Styrene	10.70	104	25375	0.949	ug/l #	1
73) Isopropylbenzene	11.02	105	57207	1.408	ug/l	98
76) 1,2,3-Trichloropropane	11.43	75	9318	0.821	ug/l #	1
78) n-propylbenzene	11.36	91	251319	5.566	ug/l	100
79) 2-Chlorotoluene	11.43	91	151358	5.640	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	409975	12.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	254656	52.643	ug/l #	15

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

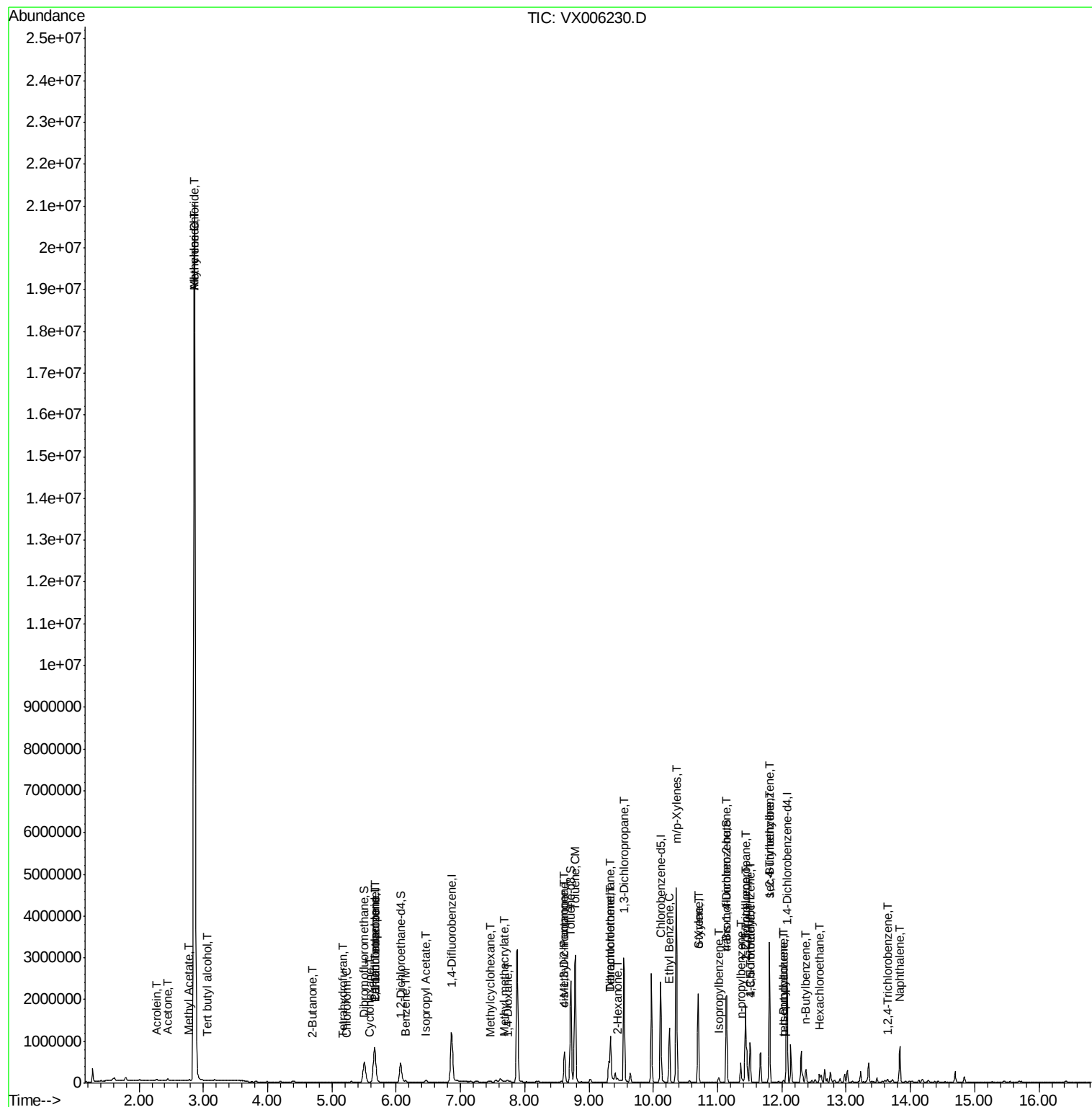
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	43184	1.384	ug/l #	45
83) tert-Butylbenzene	12.02	119	17777	0.493	ug/l	70
84) 1,2,4-Trimethylbenzene	11.80	105	1537834	44.070	ug/l	99
85) sec-Butylbenzene	11.80	105	1537834	37.490	ug/l #	54
86) p-Isopropyltoluene	12.02	119	18122	0.491	ug/l	93
89) n-Butylbenzene	12.38	91	39469	1.252	ug/l #	5
90) Hexachloroethane	12.58	117	8139	1.081	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.65	180	3375	0.232	ug/l #	74
95) Naphthalene	13.83	128	541650	11.991	ug/l	99

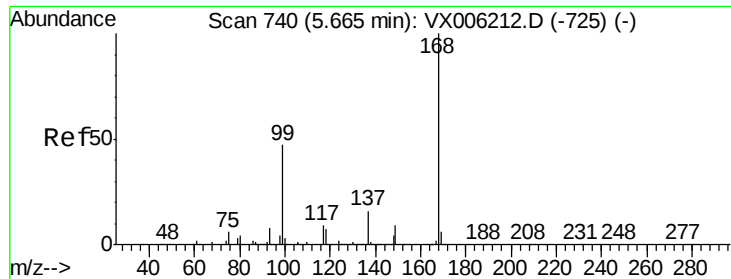
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

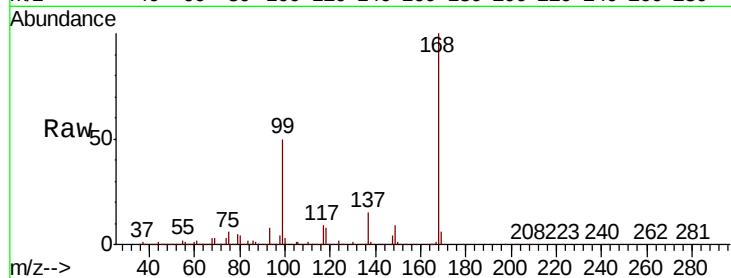
OR-03-112918-B

Tot Ion:168 Resp: 885691

Ion Ratio Lower Upper

168 100

99 50.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

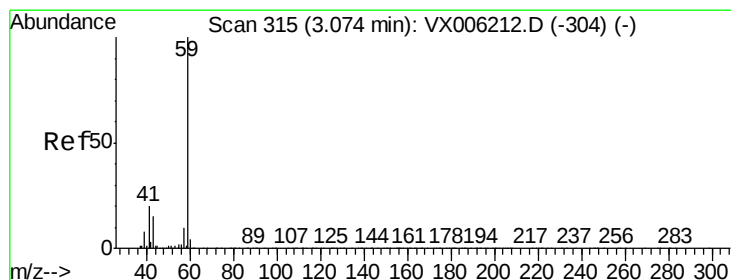
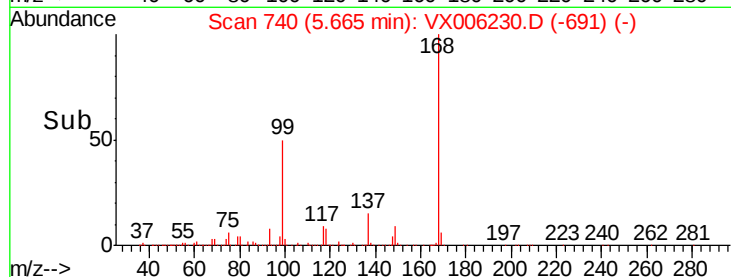
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.779 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006230.D

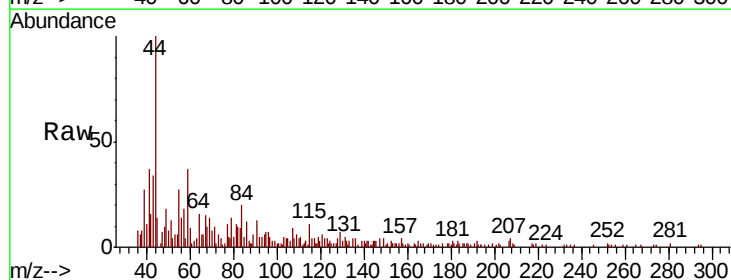
Acq: 30 Nov 2018 15:09

Tgt Ion: 59 Resp: 4398

Ion Ratio Lower Upper

59 100

57 11.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

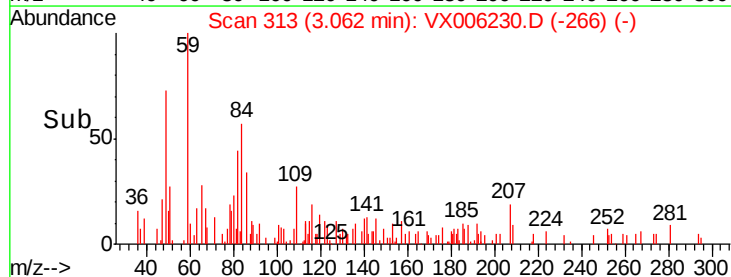
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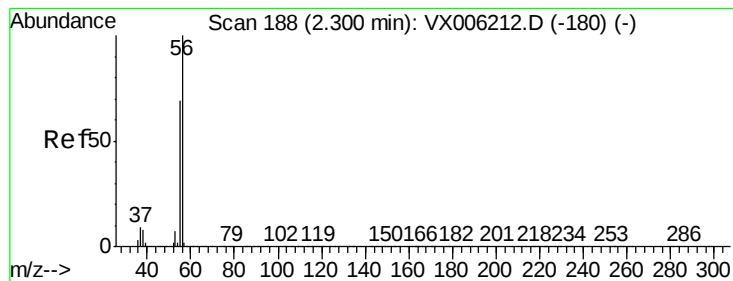
2000

1000

0

Time-->





#13

Acrolein

Concen: 1.167 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.03 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

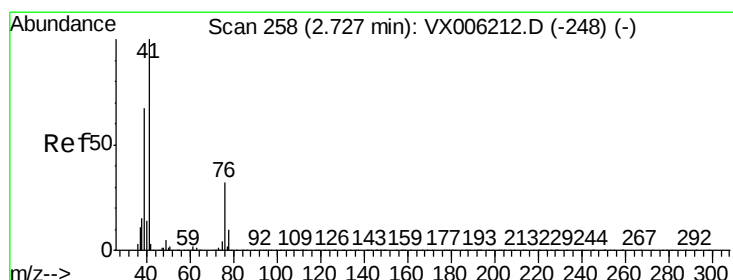
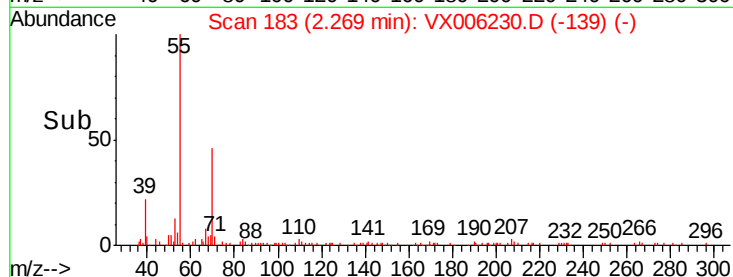
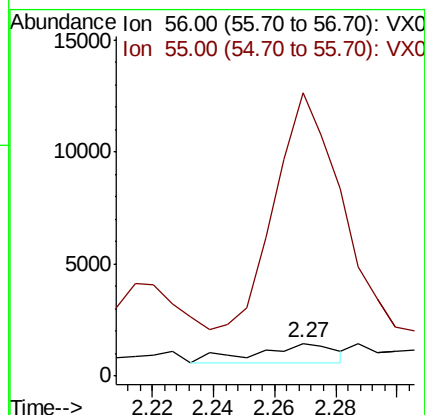
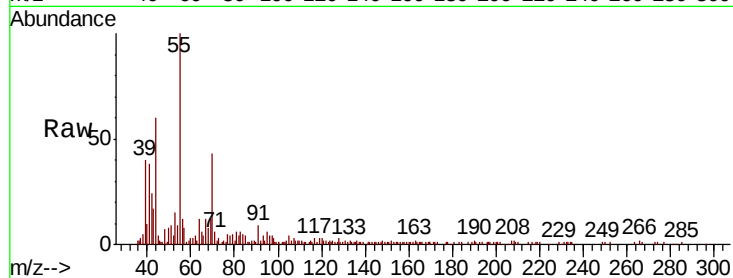
OR-03-112918-B

Tot Ion: 56 Resp: 1577

Ion Ratio Lower Upper

56 100

55 1112.8 57.8 86.6#



#14

Allyl chloride

Concen: 23.250 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

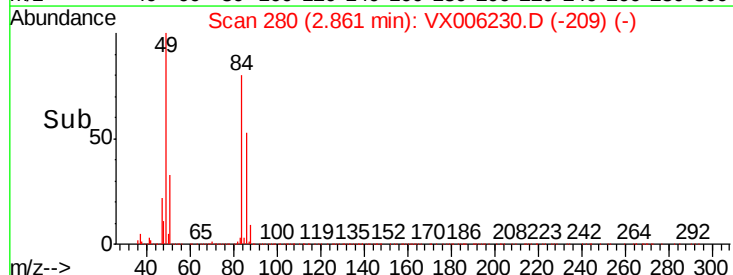
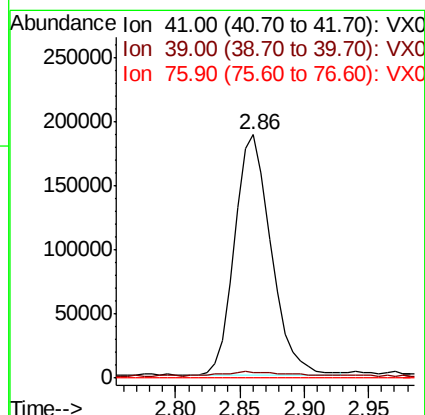
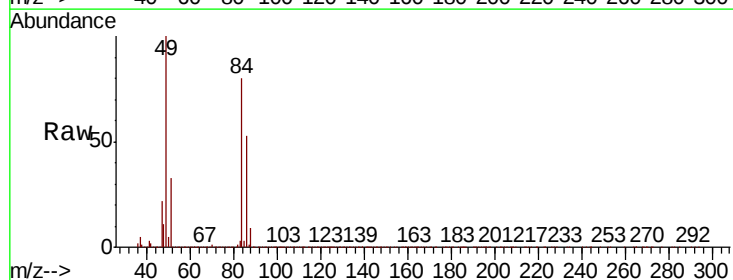
Tgt Ion: 41 Resp: 368073

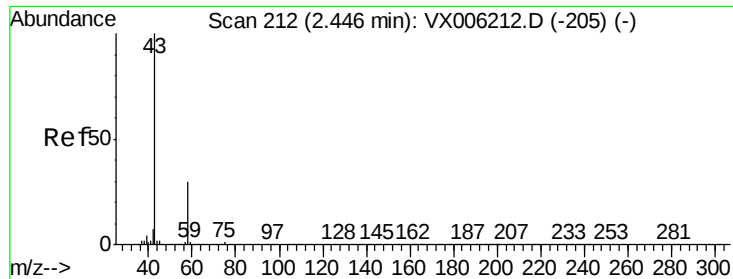
Ion Ratio Lower Upper

41 100

39 2.9 52.4 78.6#

76 0.1 25.4 38.0#

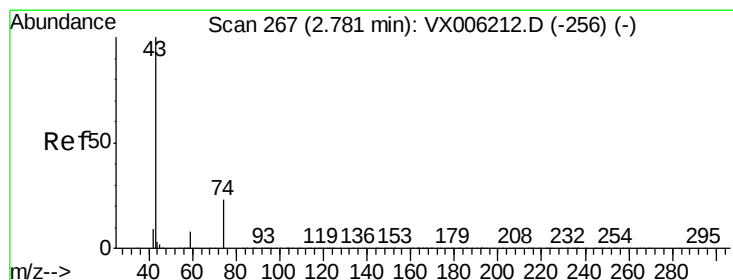
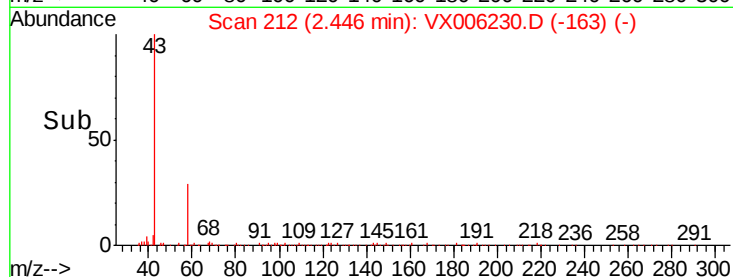
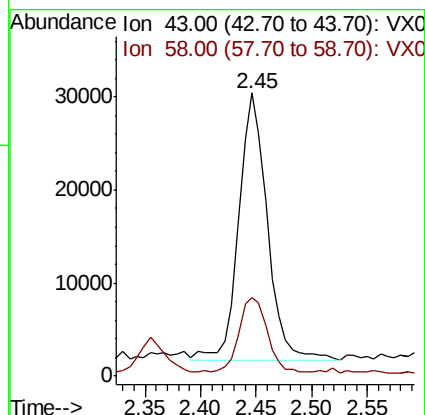
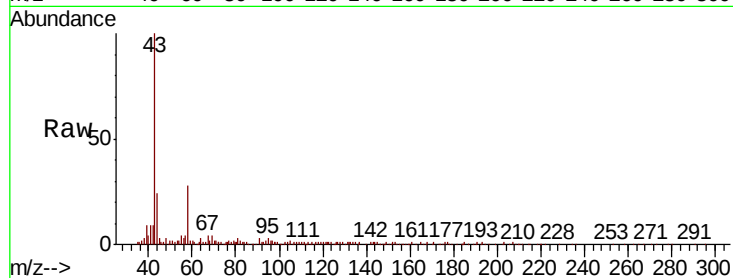




#16
Acetone
Concen: 12.013 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

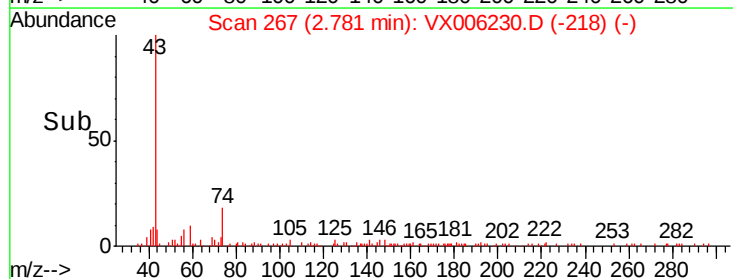
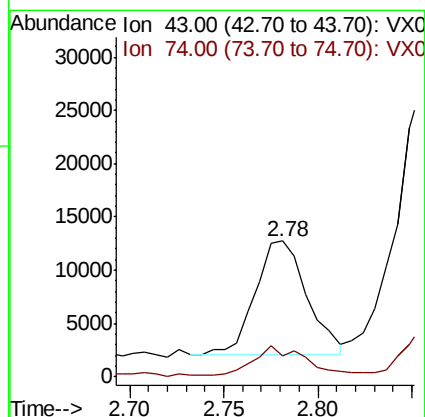
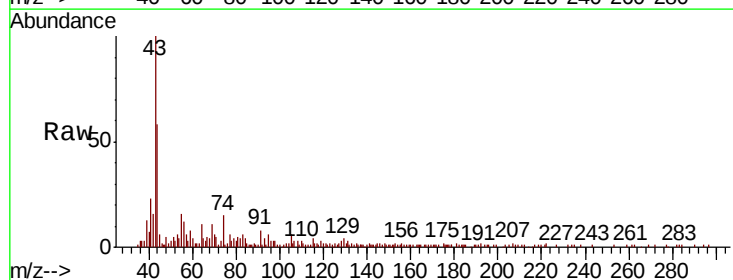
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

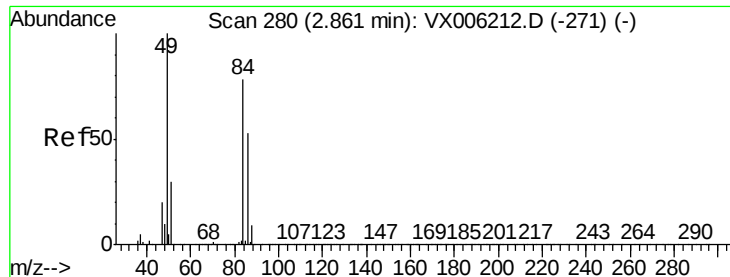
Tot Ion: 43 Resp: 50973
Ion Ratio Lower Upper
43 100
58 28.0 24.0 36.0



#18
Methyl Acetate
Concen: 1.445 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion: 43 Resp: 20508
Ion Ratio Lower Upper
43 100
74 25.1 17.9 26.9



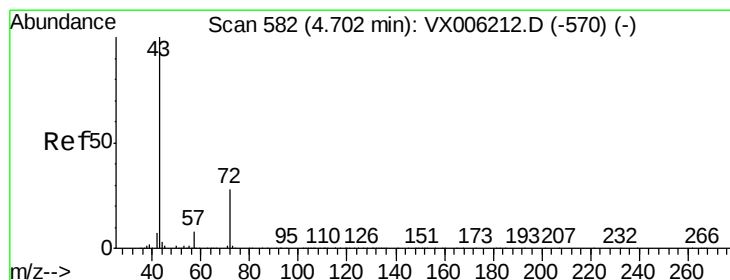
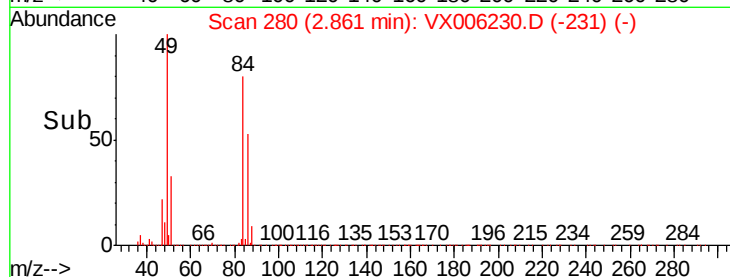
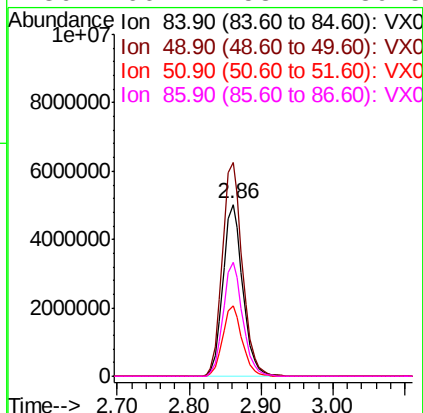
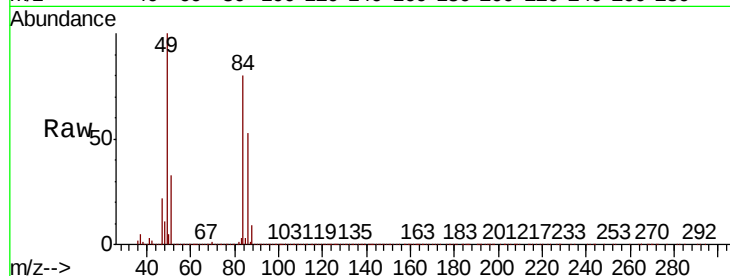


#20
Methvlene Chloride
Concen: 1065.364 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

Tot Ion: 84 Resp: 9620634

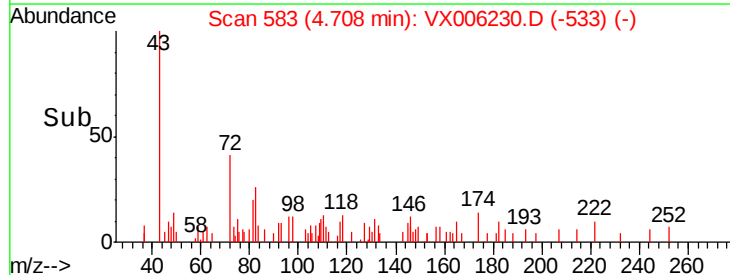
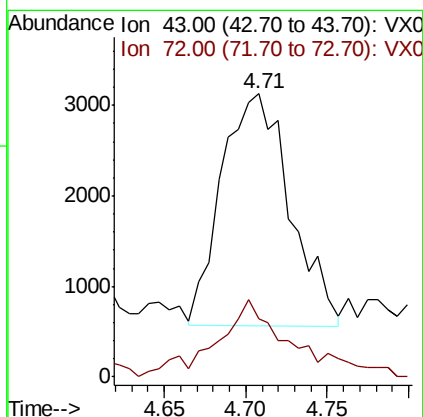
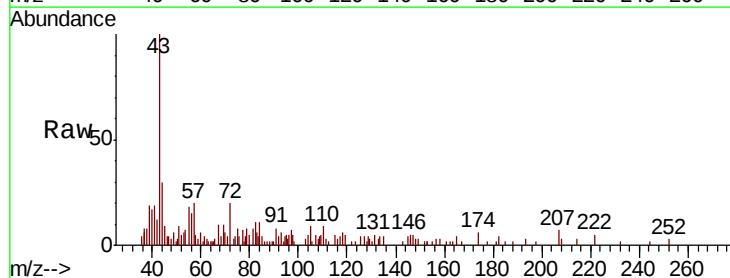
Ion	Ratio	Lower	Upper
84	100		
49	124.4	102.2	153.4
51	41.0	31.1	46.7
86	66.2	53.7	80.5

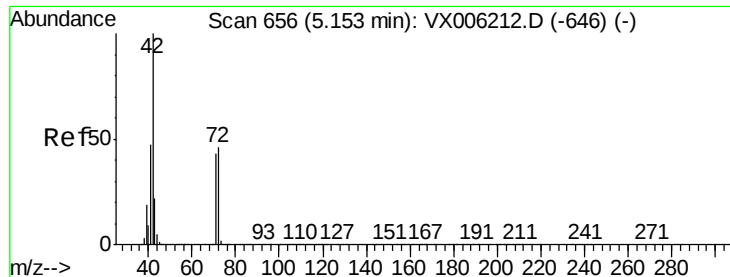


#25
2-Butanone
Concen: 1.240 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion: 43 Resp: 7507

Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.6	33.8#

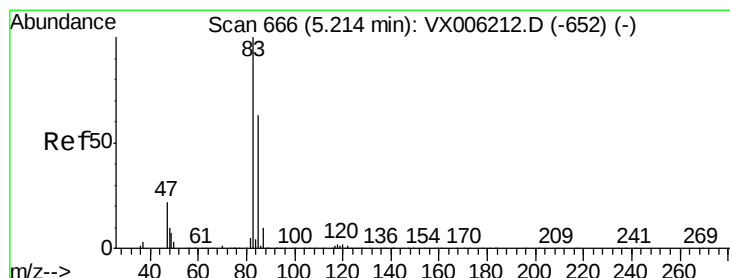
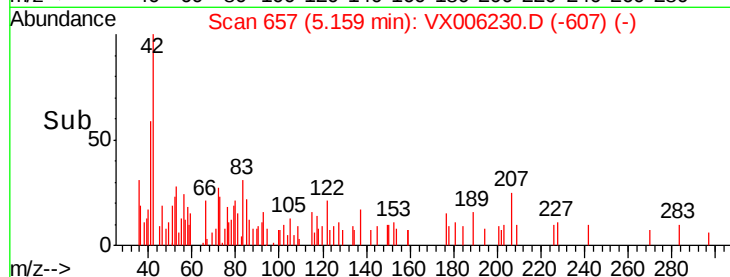
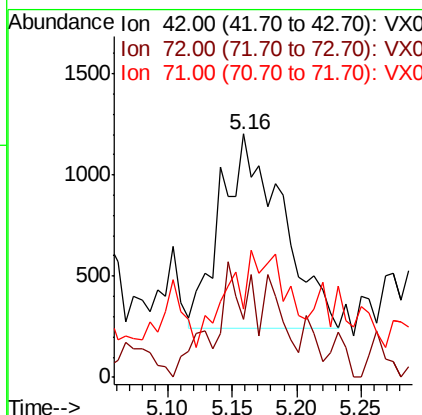
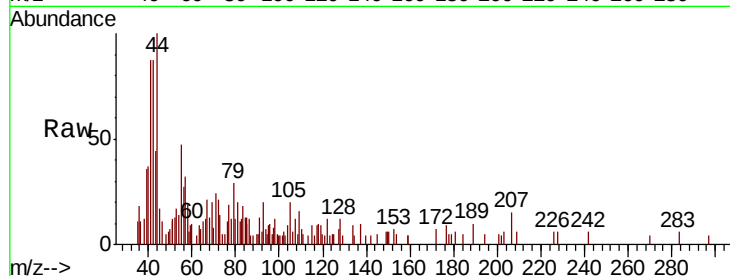




#29
Tetrahydrofuran
Concen: 0.754 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

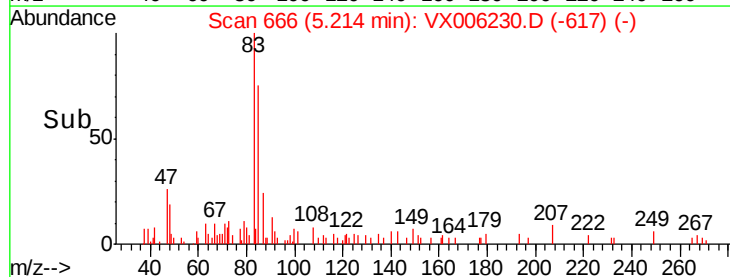
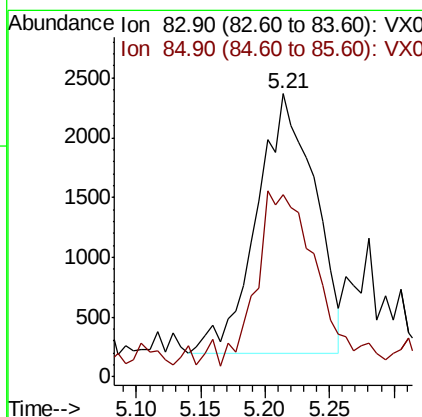
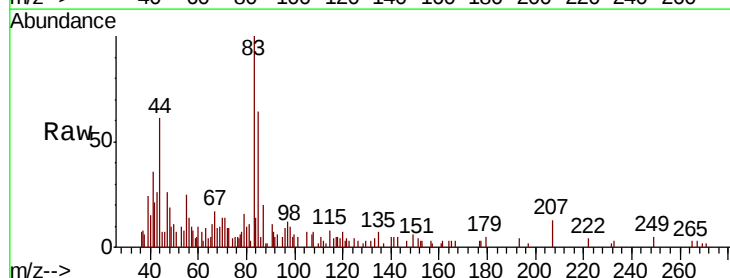
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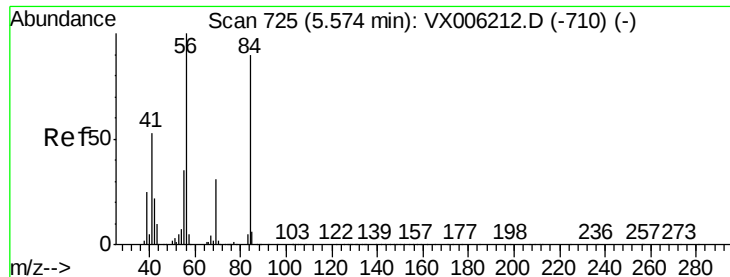
Tot Ion: 42 Resp: 3174
Ion Ratio Lower Upper
42 100
72 0.0 37.8 56.8#
71 26.3 35.2 52.8#



#30
Chloroform
Concen: 0.459 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion: 83 Resp: 6817
Ion Ratio Lower Upper
83 100
85 57.8 50.3 75.5

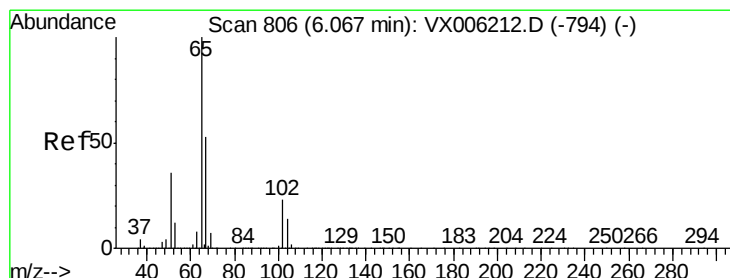
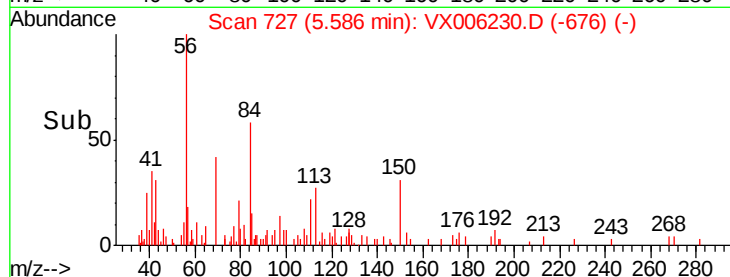
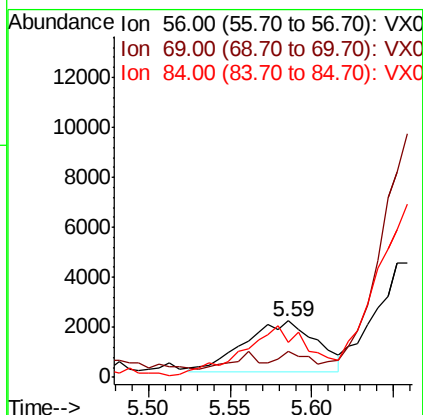
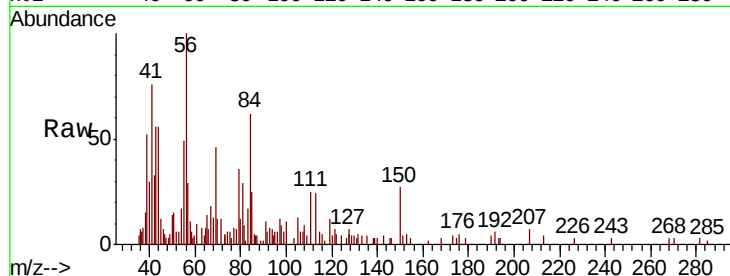




#31
Cyclohexane
Concen: 0.481 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

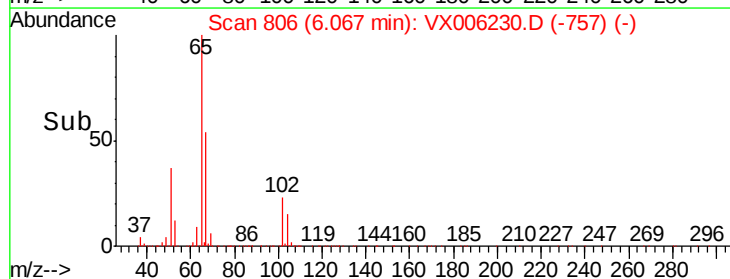
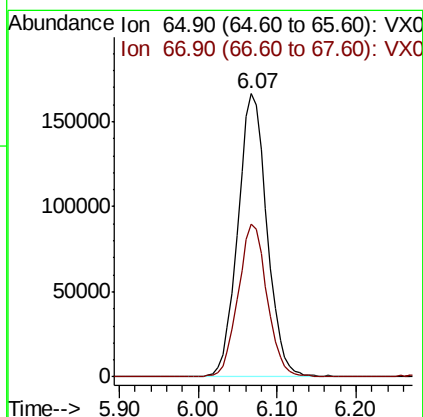
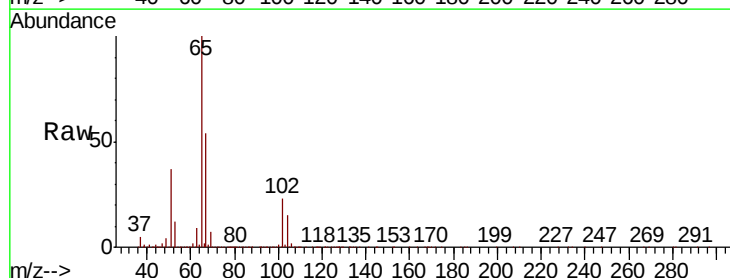
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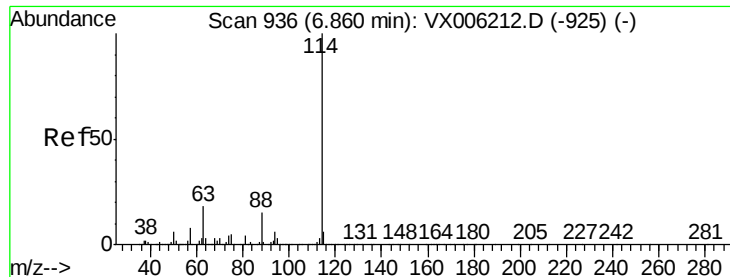
Tot Ion: 56 Resp: 6282
Ion Ratio Lower Upper
56 100
69 34.4 24.5 36.7
84 58.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.078 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion: 65 Resp: 425652
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

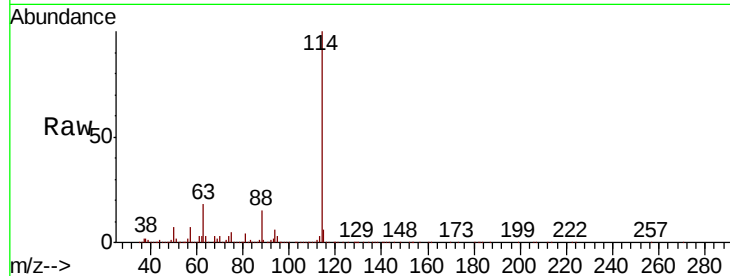
Tot Ion:114 Resp: 1317855

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

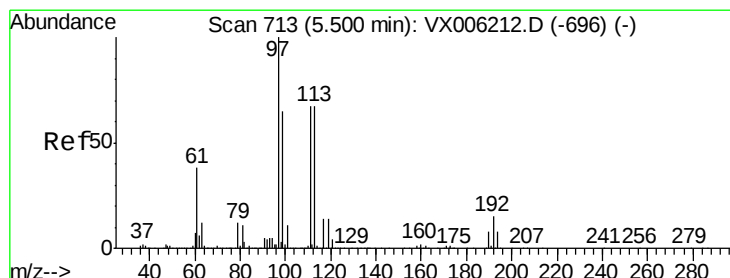
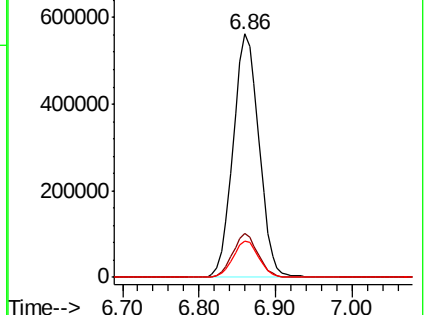
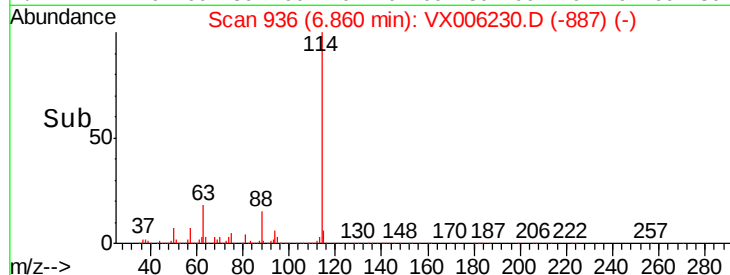
88 14.7 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.569 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

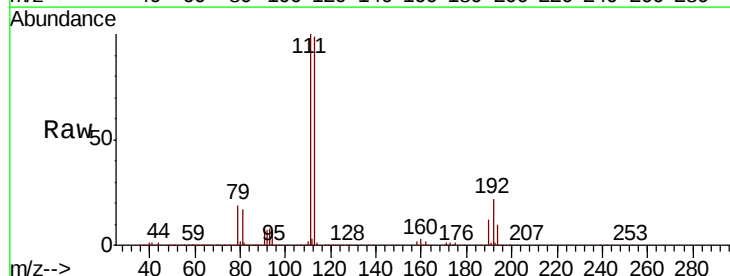
Tgt Ion:113 Resp: 414419

Ion Ratio Lower Upper

113 100

111 102.5 81.1 121.7

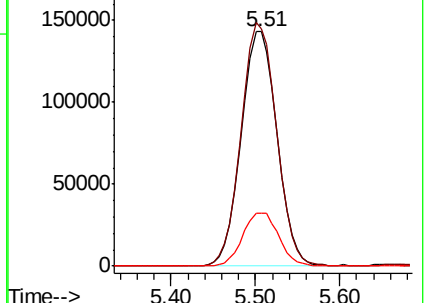
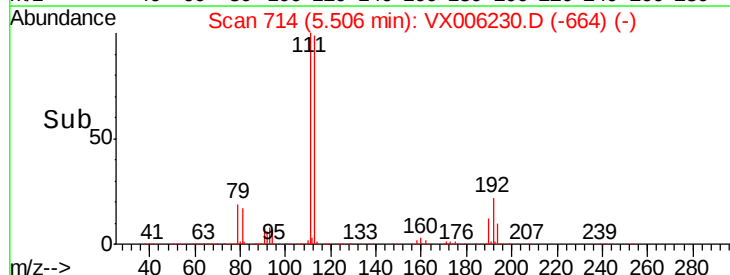
192 22.9 18.2 27.2

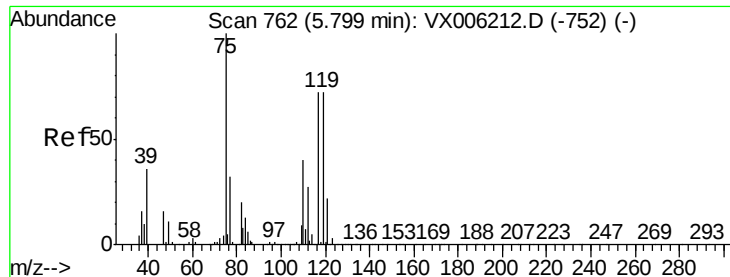


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

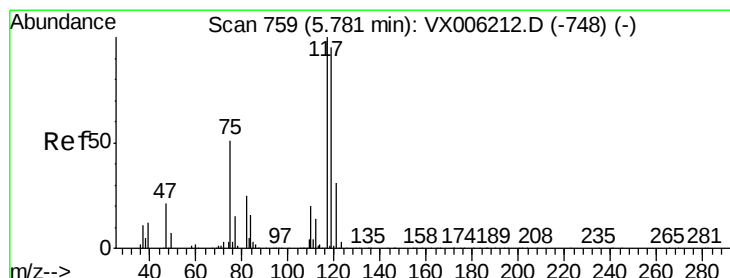
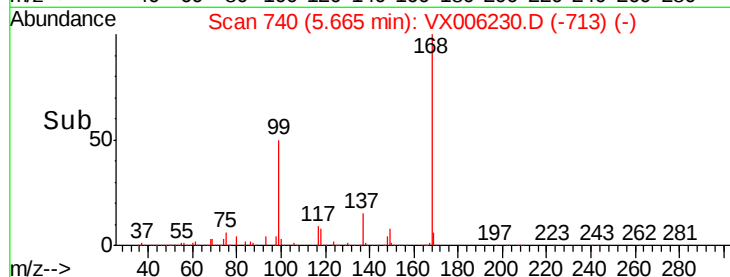
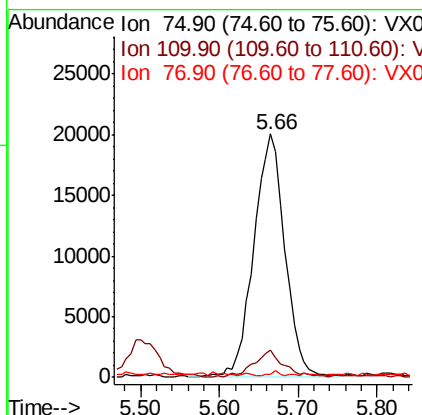
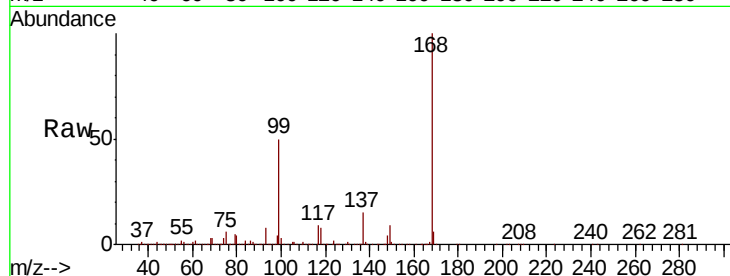




#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006230.D
 Acq: 30 Nov 2018 15:09

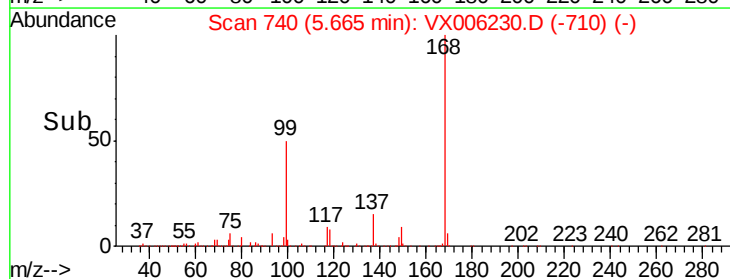
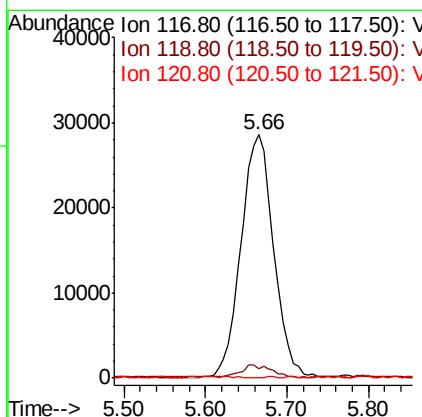
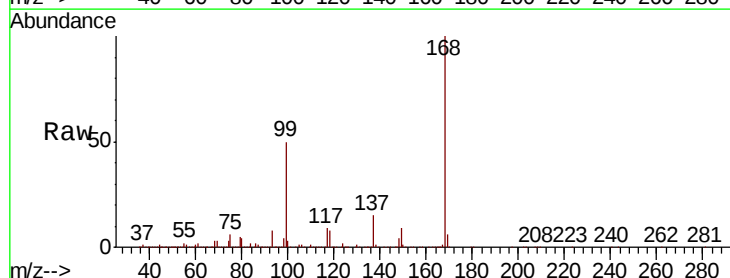
Instrument :
 MSVOA_X
 ClientSampleID :
 OR-03-112918-B

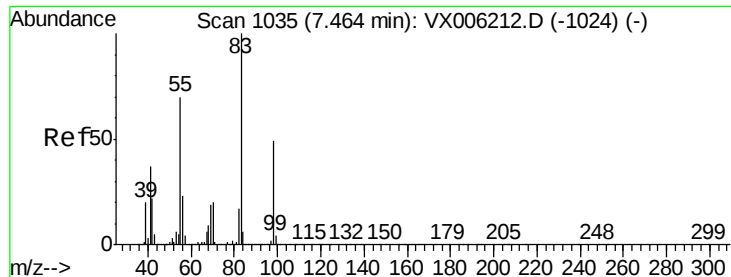
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.4	61.3#
77	0.4	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.137 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006230.D
 Acq: 30 Nov 2018 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.8	113.8#
121	0.0	24.6	37.0#

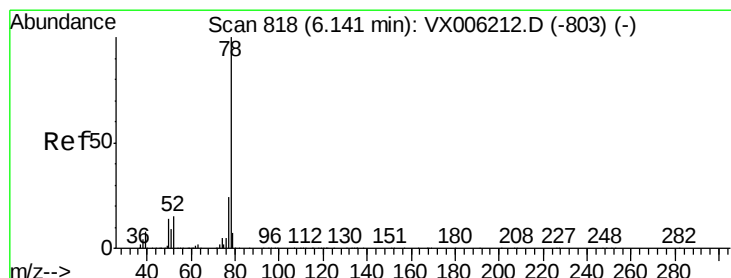
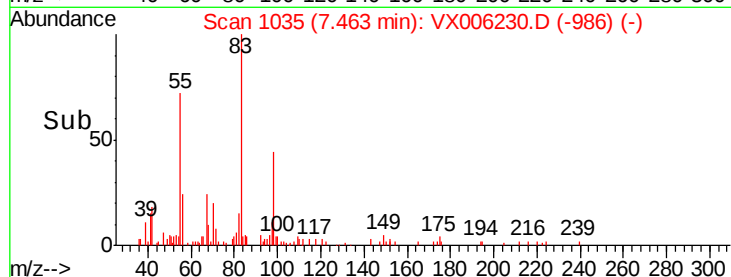
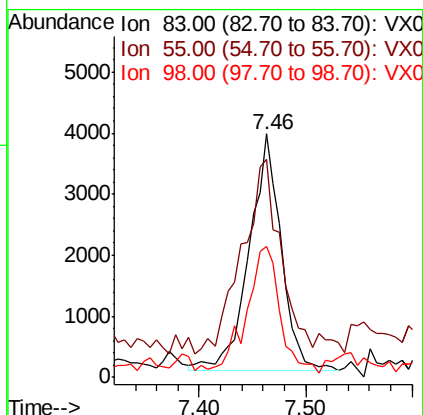
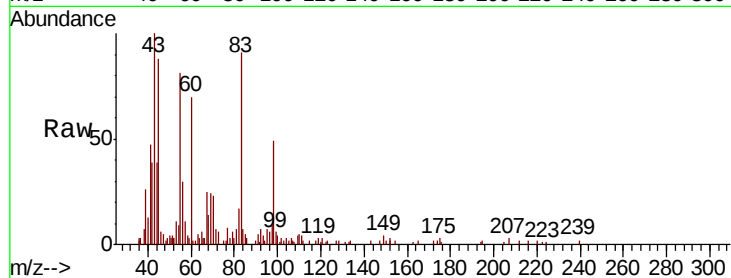




#39
Methvlcvclohexane
Concen: 0.572 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

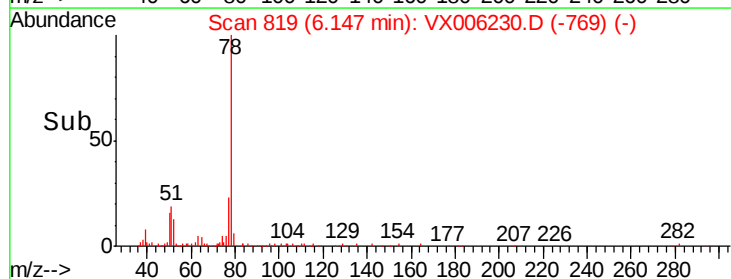
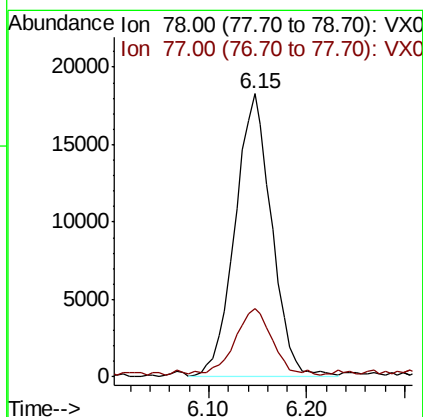
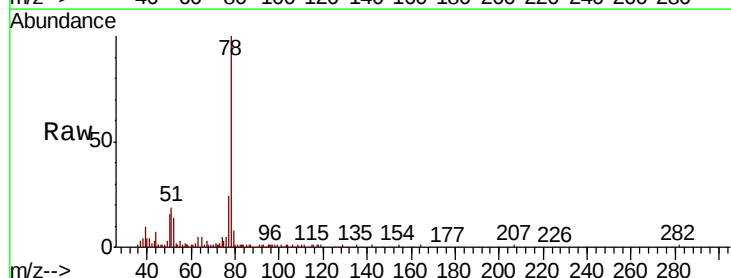
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

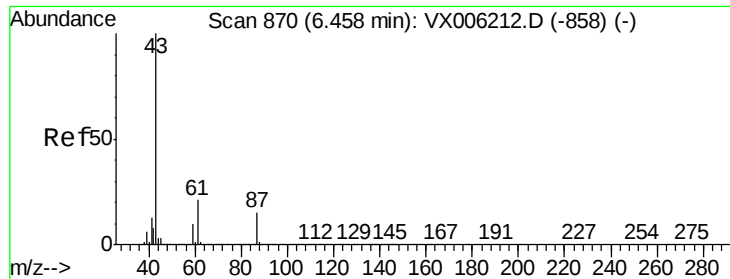
Tot Ion: 83 Resp: 8236
Ion Ratio Lower Upper
83 100
55 77.3 56.4 84.6
98 47.0 39.0 58.6



#40
Benzene
Concen: 1.420 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion: 78 Resp: 47214
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8



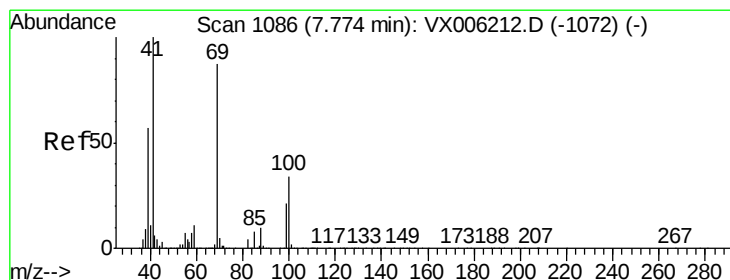
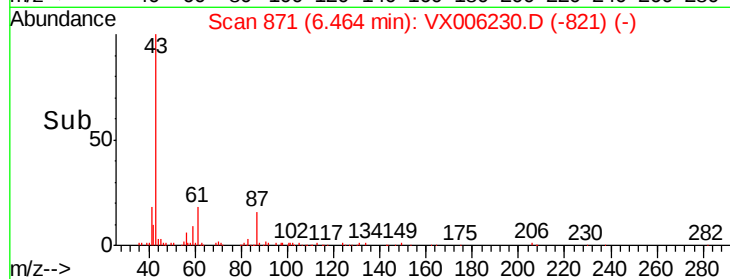
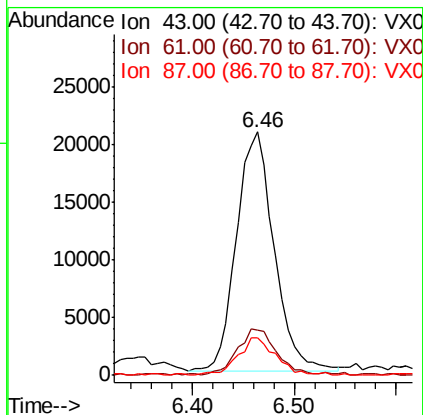
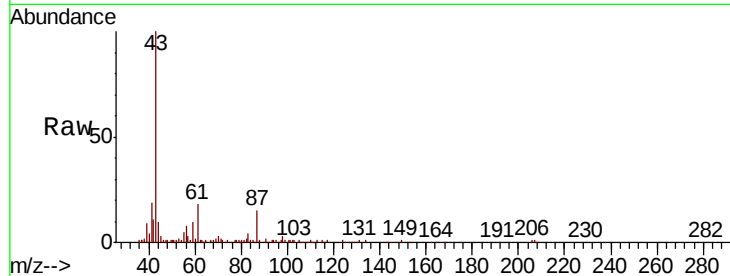


#43

Isopropyl Acetate
 Concen: 2.561 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006230.D
 Acq: 30 Nov 2018 15:09

Instrument :
 MSVOA_X
 ClientSampleID :
 OR-03-112918-B

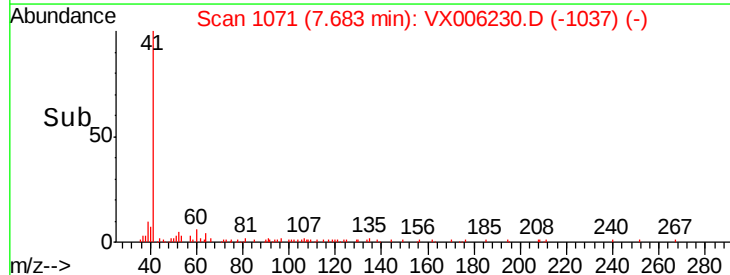
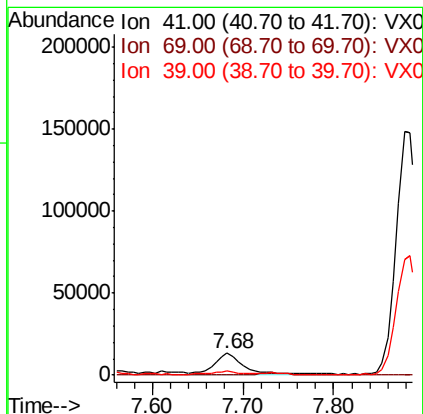
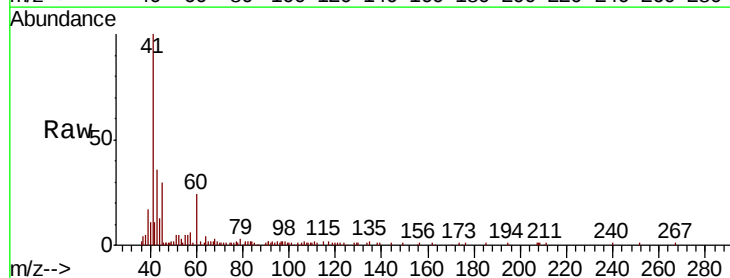
Tot Ion:	43	Resp:	53075
Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.8	25.2
87	15.7	11.9	17.9

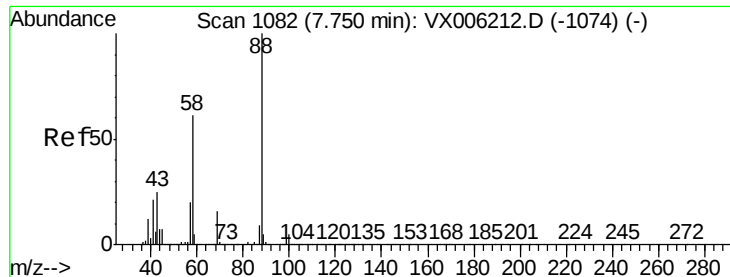


#48

Methyl methacrylate
 Concen: 2.687 ug/l
 RT: 7.68 min Scan# 1071
 Delta R.T. -0.09 min
 Lab File: VX006230.D
 Acq: 30 Nov 2018 15:09

Tgt Ion:	41	Resp:	27090
Ion	Ratio	Lower	Upper
41	100		
69	1.1	70.3	105.5#
39	0.0	45.3	67.9#

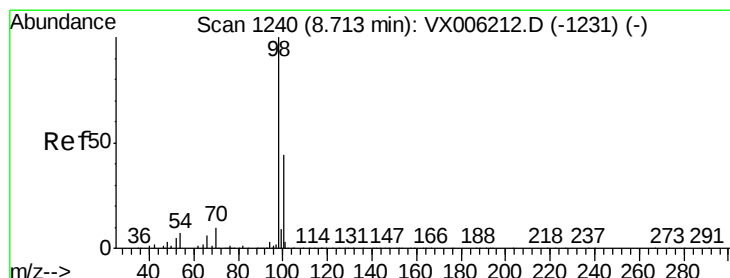
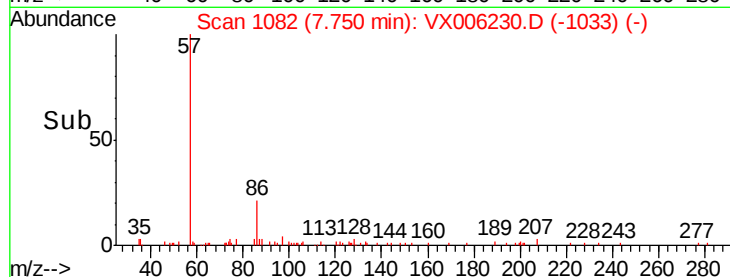
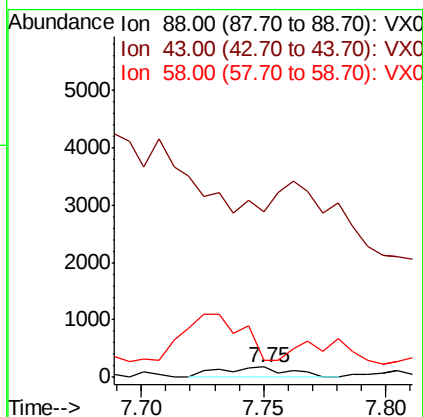
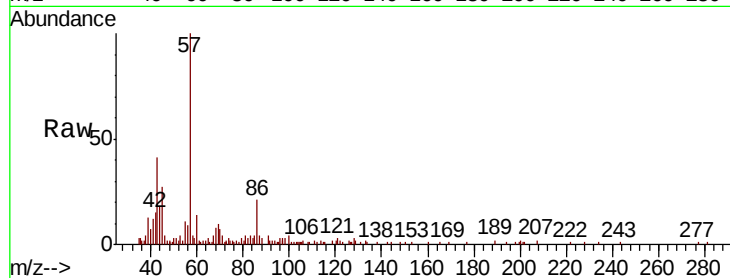




#49
1,4-Dioxane
Concen: 1.485 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

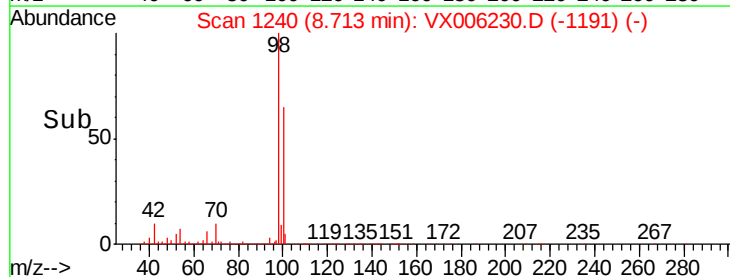
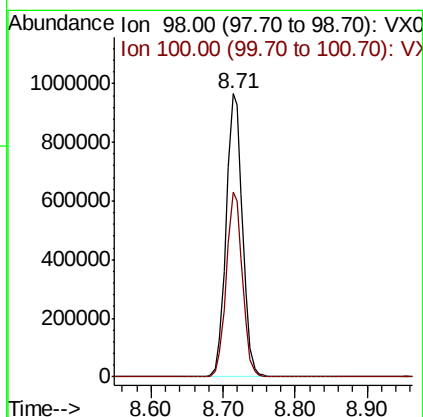
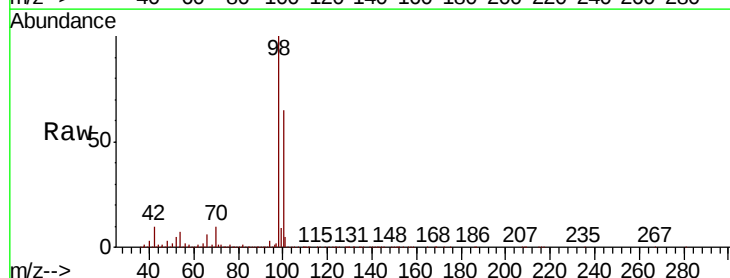
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

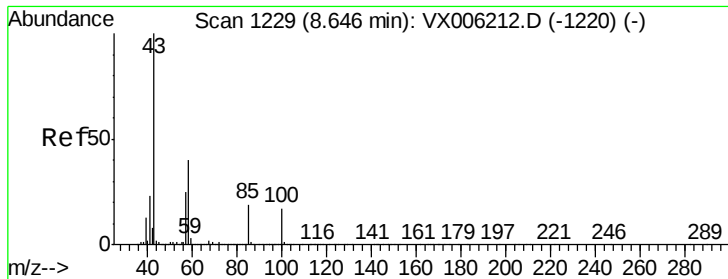
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	596.5	51.4	77.0#



#50
Toluene-d8
Concen: 49.497 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 19.881 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

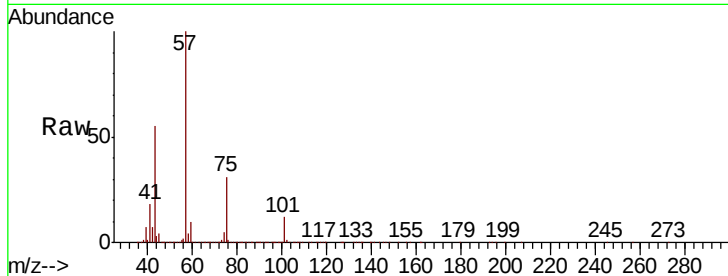
OR-03-112918-B

Tot Ion: 43 Resp: 239815

Ion Ratio Lower Upper

43 100

58 7.9 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

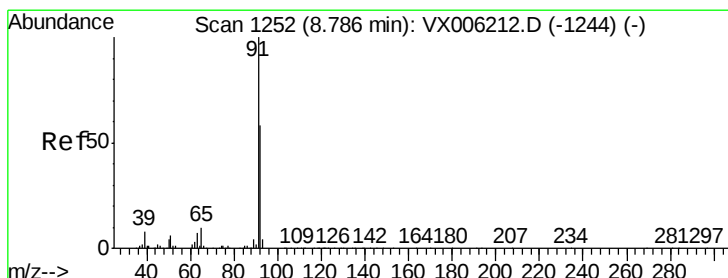
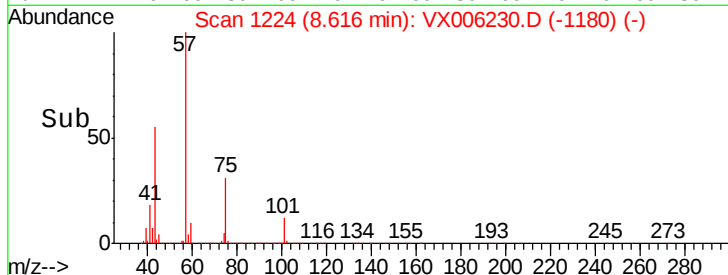
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 53.580 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006230.D

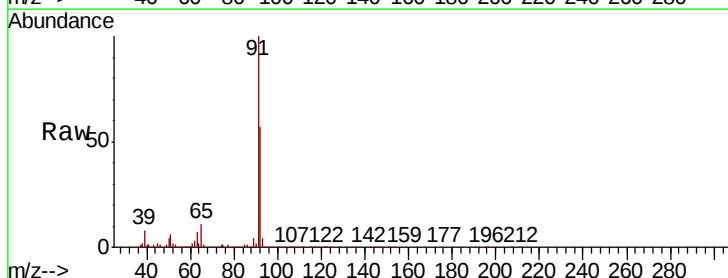
Acq: 30 Nov 2018 15:09

Tgt Ion: 92 Resp: 1171658

Ion Ratio Lower Upper

92 100

91 174.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

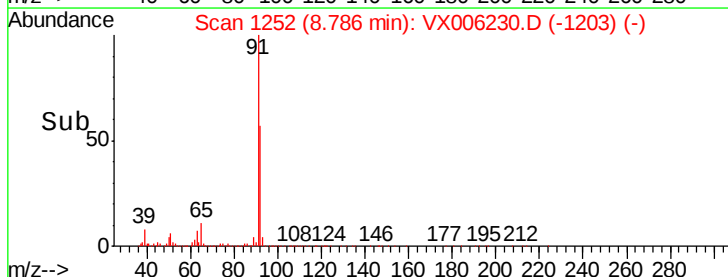
1500000

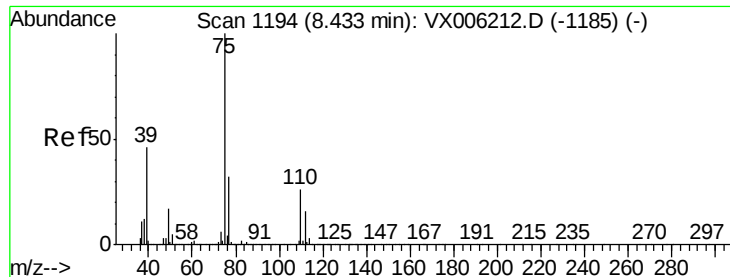
1000000

500000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 8.824 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

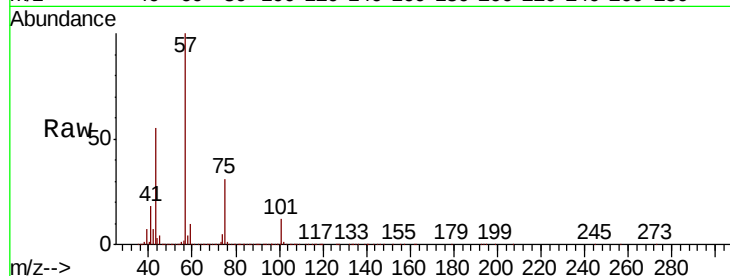
Tot Ion: 75 Resp: 126611

Ion Ratio Lower Upper

75 100

77 0.6 25.6 38.4#

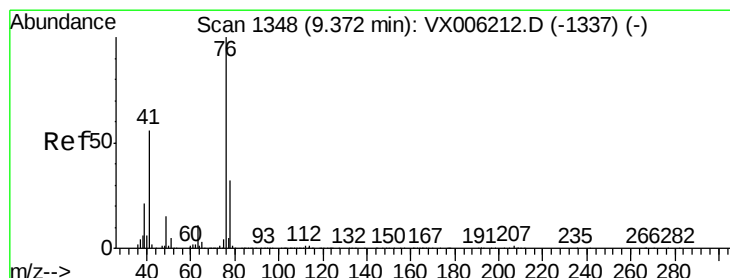
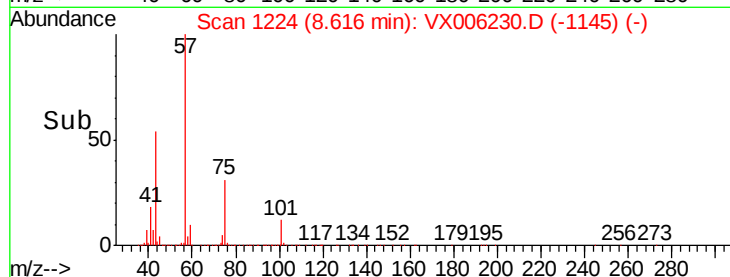
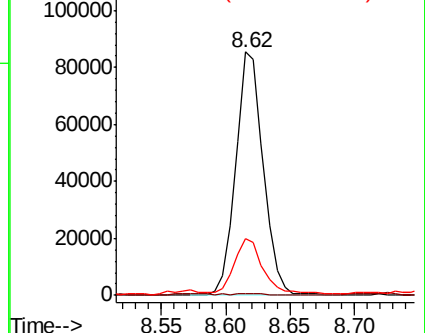
39 22.6 36.5 54.7#



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



#57

1,3-Dichloropropane

Concen: 1.914 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006230.D

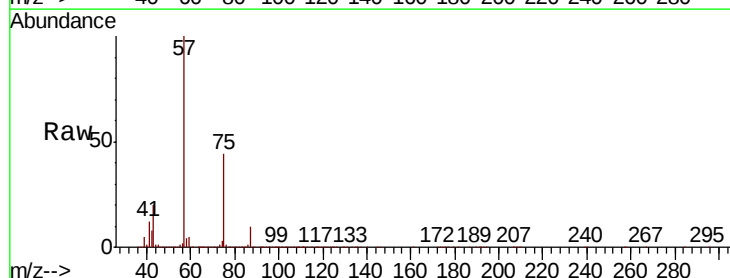
Acq: 30 Nov 2018 15:09

Tgt Ion: 76 Resp: 26887

Ion Ratio Lower Upper

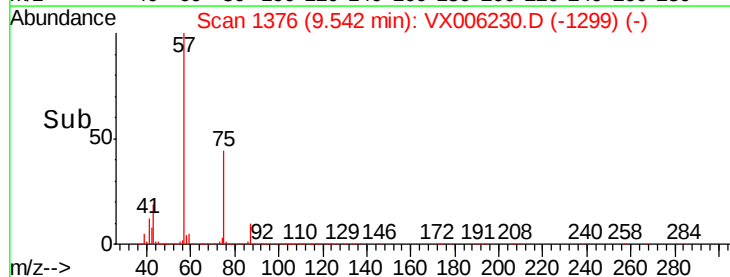
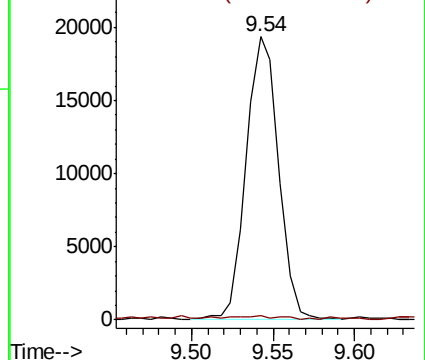
76 100

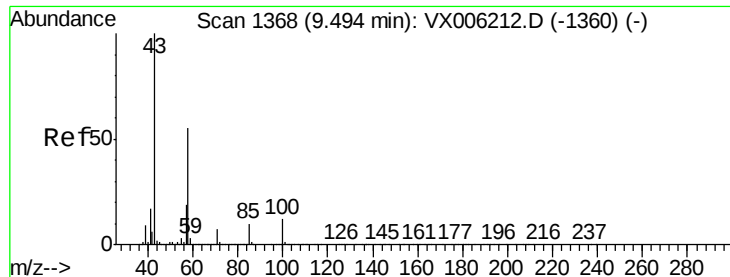
78 2.4 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#59

2-Hexanone

Concen: 4.148 ug/l

RT: 9.44 min Scan# 1360

Delta R.T. -0.05 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

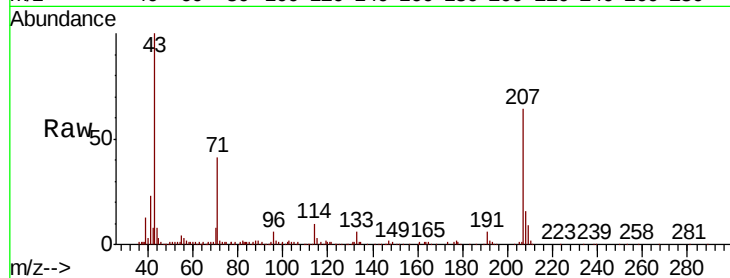
OR-03-112918-B

Tot Ion: 43 Resp: 38228

Ion Ratio Lower Upper

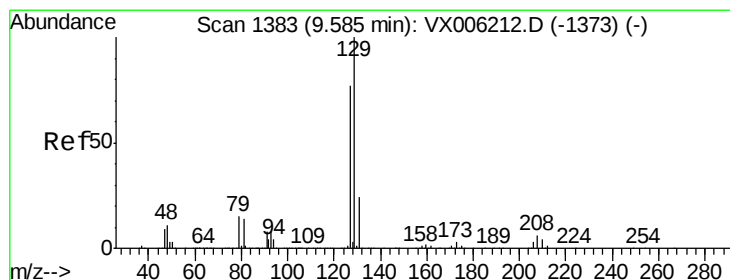
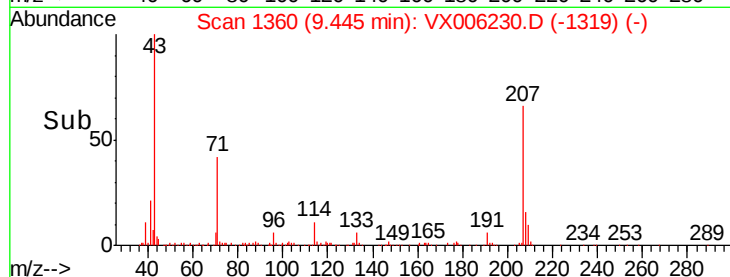
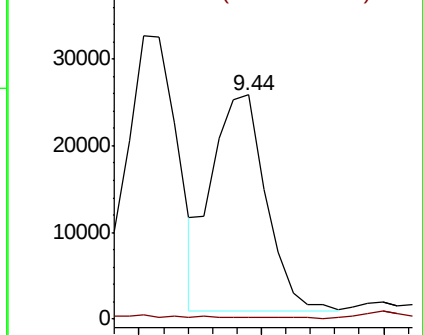
43 100

58 0.0 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 17.162 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006230.D

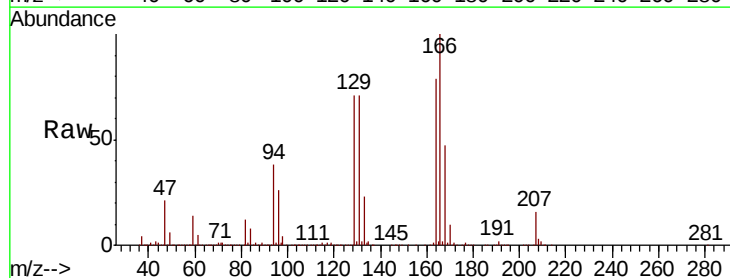
Acq: 30 Nov 2018 15:09

Tgt Ion: 129 Resp: 188004

Ion Ratio Lower Upper

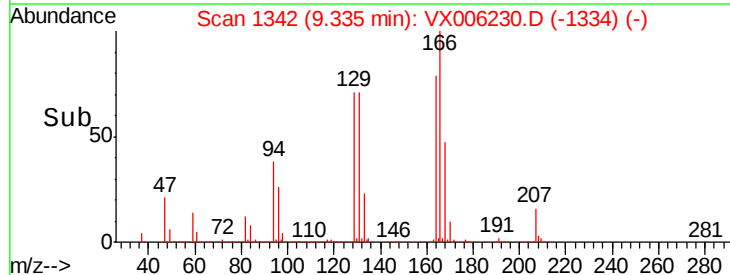
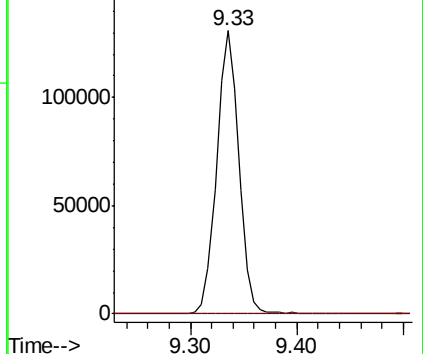
129 100

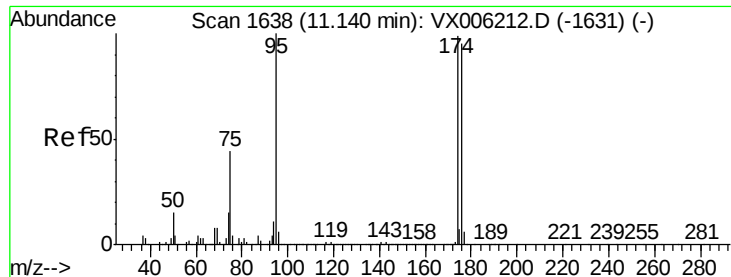
127 0.3 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 48.044 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

OR-03-112918-B

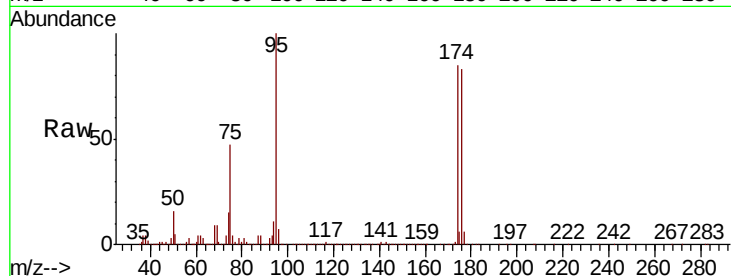
Tot Ion: 95 Resp: 561904

Ion Ratio Lower Upper

95 100

174 91.3 0.0 187.0

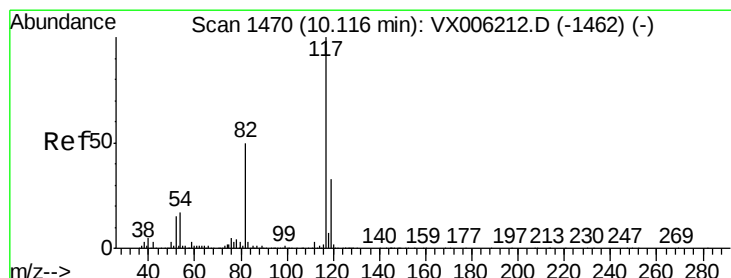
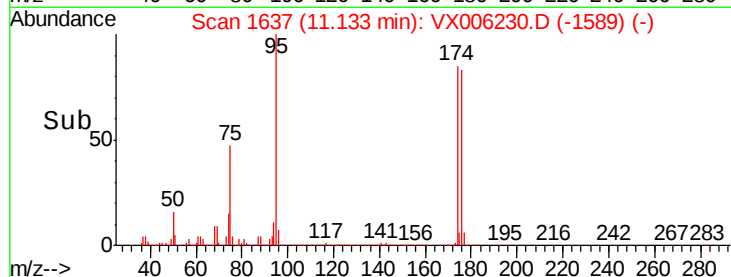
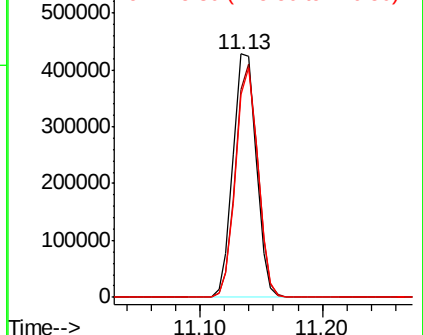
176 90.1 0.0 181.8



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: VX006230.D

Acq: 30 Nov 2018 15:09

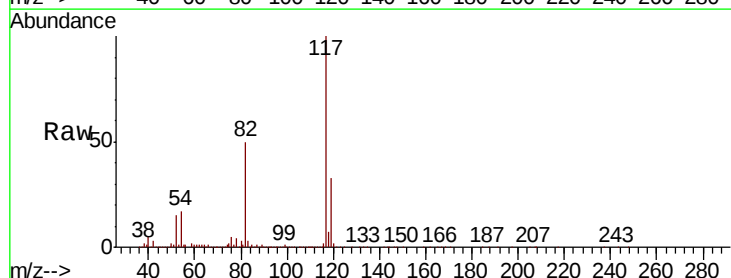
Tgt Ion: 117 Resp: 1183745

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

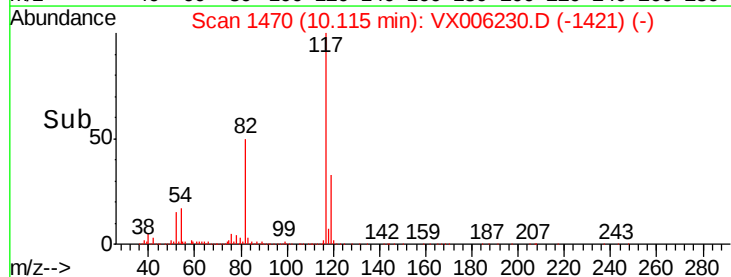
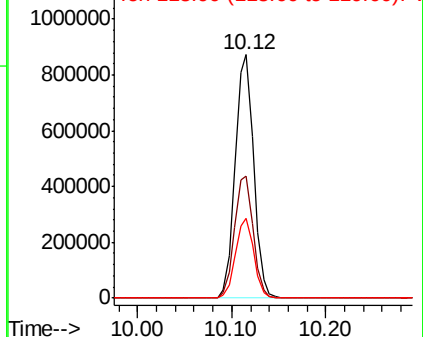
119 32.6 26.3 39.5

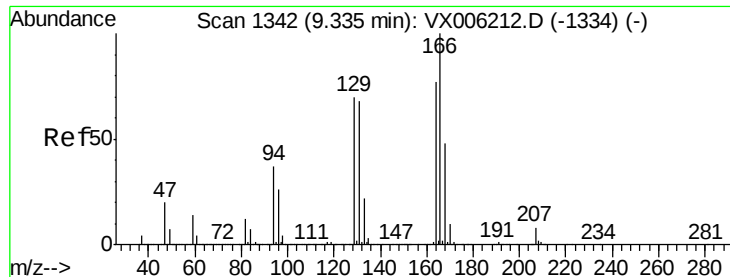


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

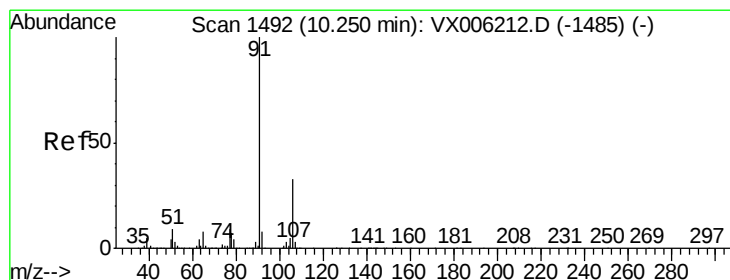
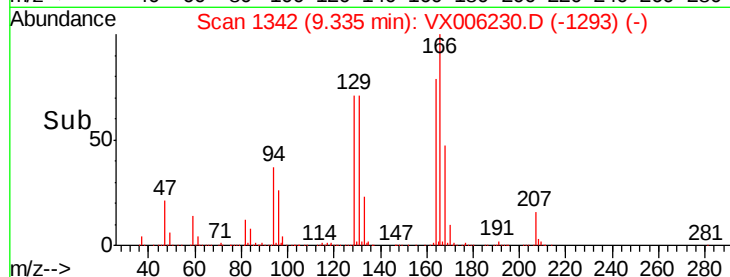
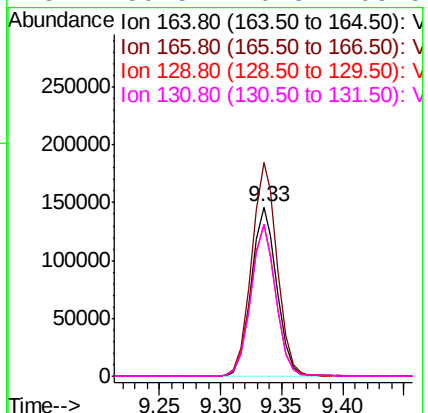
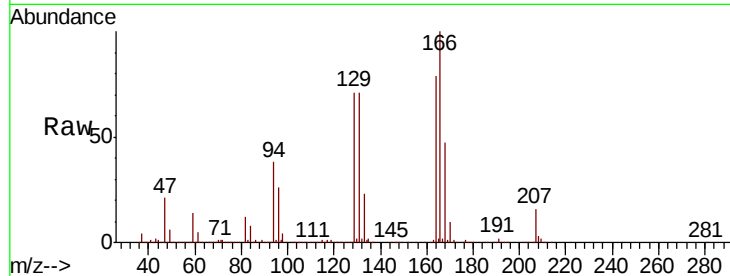




#64
Tetrachloroethene
Concen: 23.848 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

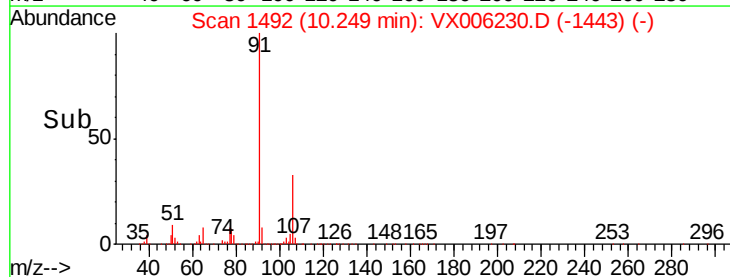
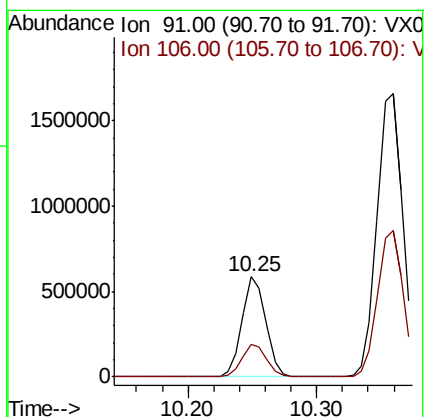
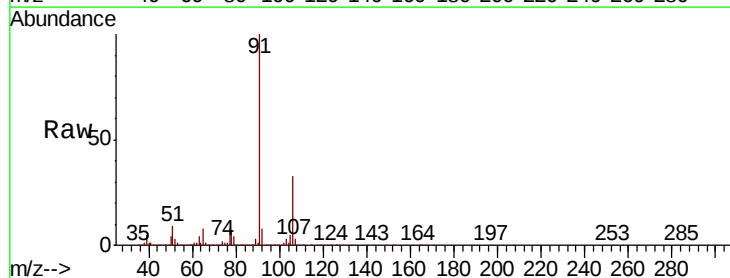
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

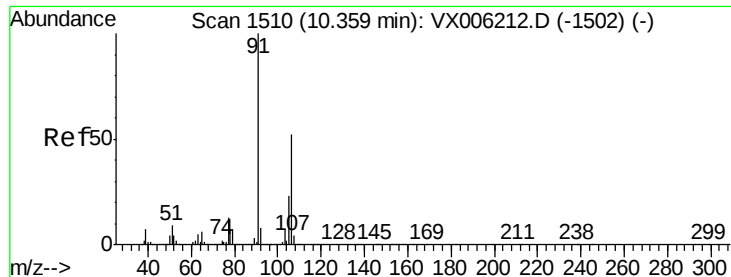
Tot Ion	Ratio	Lower	Upper
164	100		
166	125.9	104.2	156.2
129	89.1	72.6	108.8
131	89.5	70.3	105.5



#67
Ethyl Benzene
Concen: 17.939 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	26.5	39.7





#68

m/p-Xylenes

Concen: 70.317 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

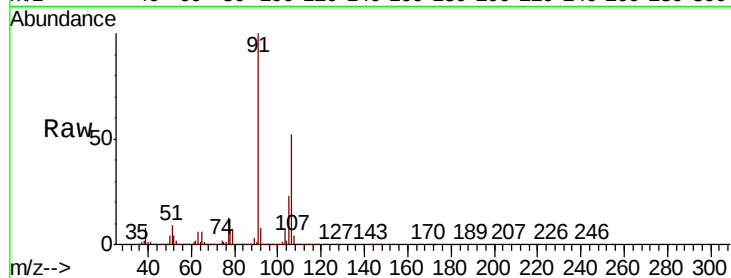
OR-03-112918-B

Tot Ion:106 Resp: 1177197

Ion Ratio Lower Upper

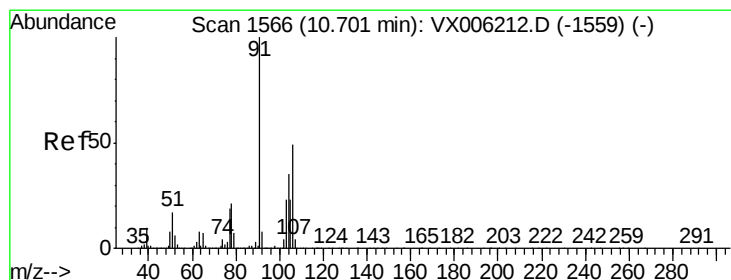
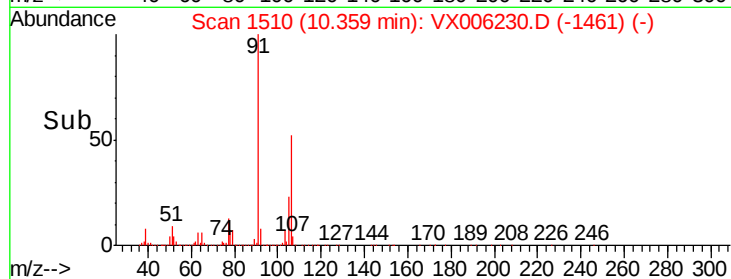
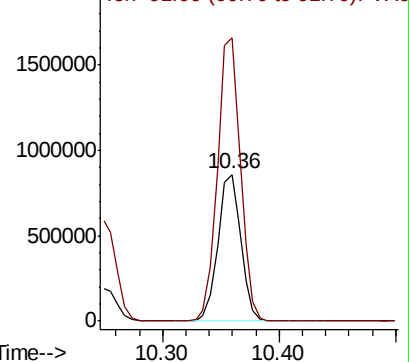
106 100

91 194.8 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 28.862 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX006230.D

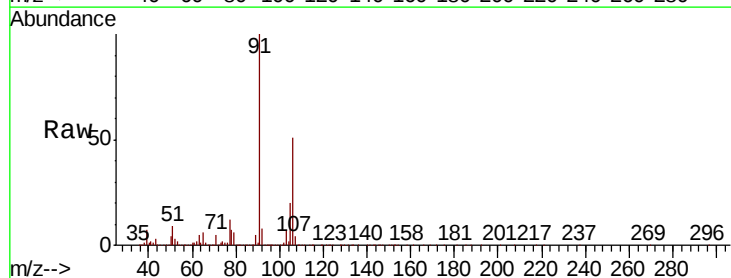
Acq: 30 Nov 2018 15:09

Tgt Ion:106 Resp: 477274

Ion Ratio Lower Upper

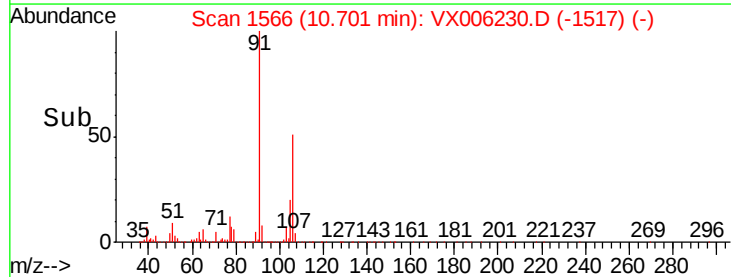
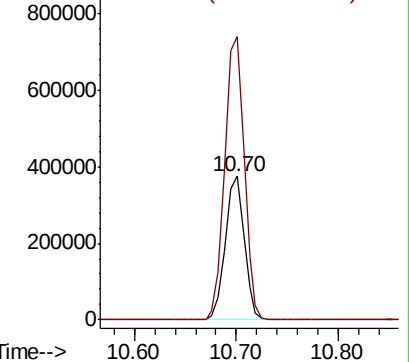
106 100

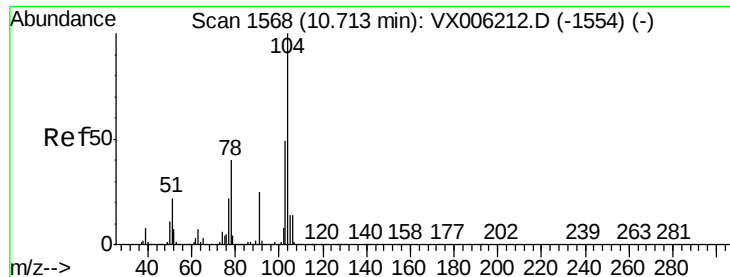
91 203.4 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

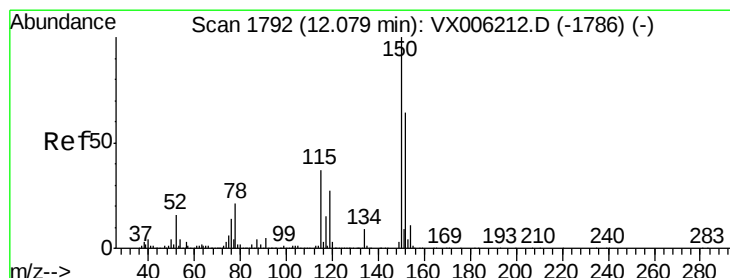
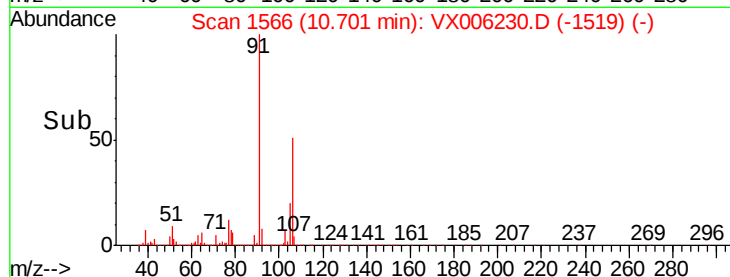
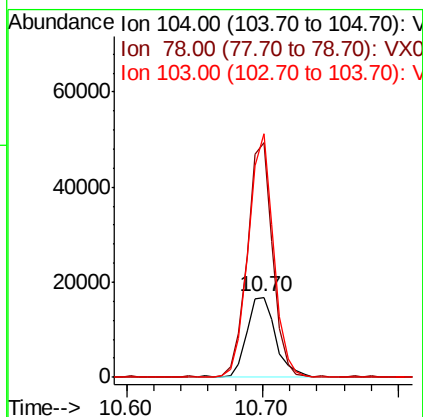
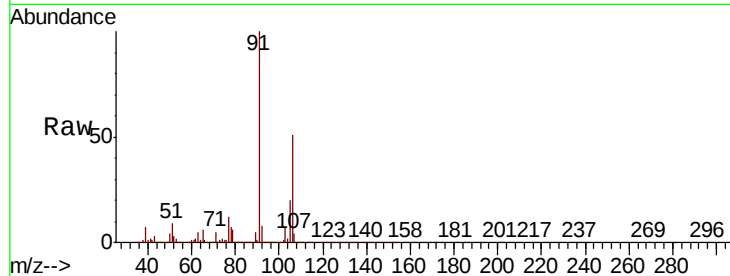




#70
Stvrene
Concen: 0.949 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

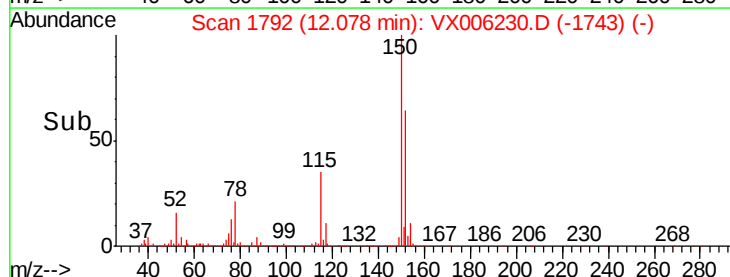
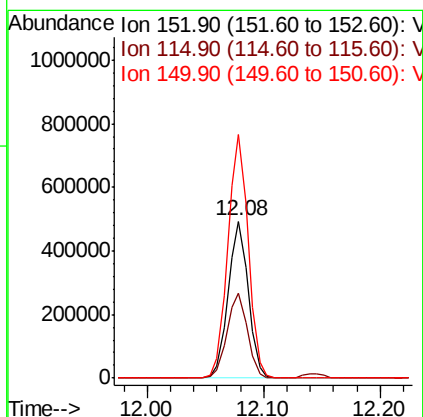
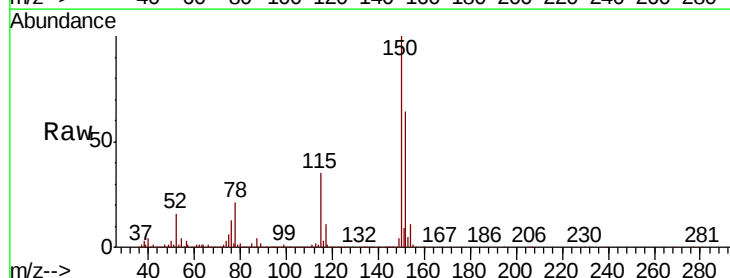
Instrument :
MSVOA_X
ClientSampled :
OR-03-112918-B

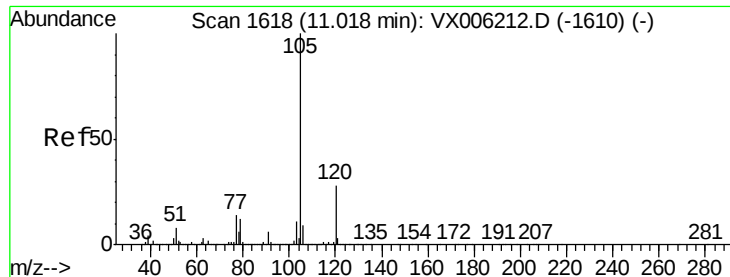
Tot Ion:104 Resp: 25375
Ion Ratio Lower Upper
104 100
78 254.8 37.2 55.8#
103 262.5 43.5 65.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion:152 Resp: 588137
Ion Ratio Lower Upper
152 100
115 54.7 39.0 116.9
150 157.3 0.0 345.8





#73

Isopropylbenzene

Concen: 1.408 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

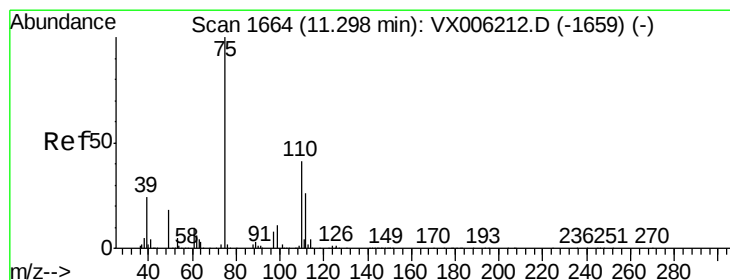
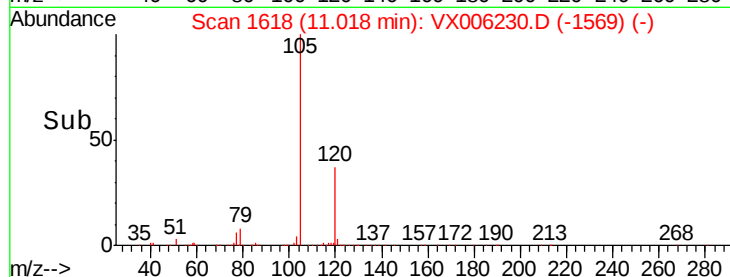
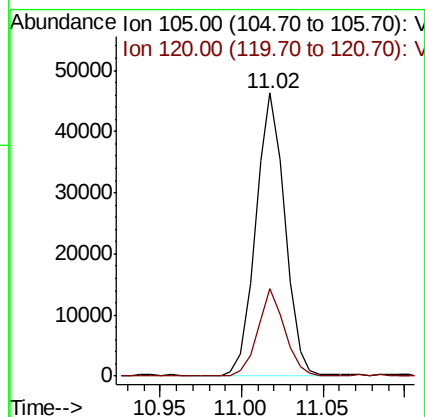
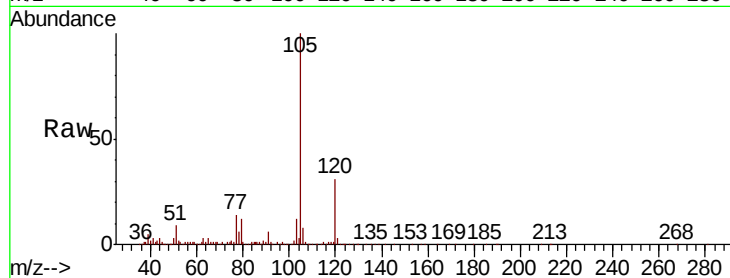
OR-03-112918-B

Tot Ion:105 Resp: 57207

Ion Ratio Lower Upper

105 100

120 29.1 14.1 42.3



#76

1,2,3-Trichloropropane

Concen: 0.821 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.13 min

Lab File: VX006230.D

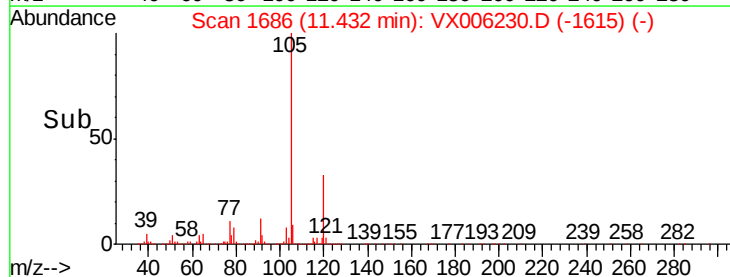
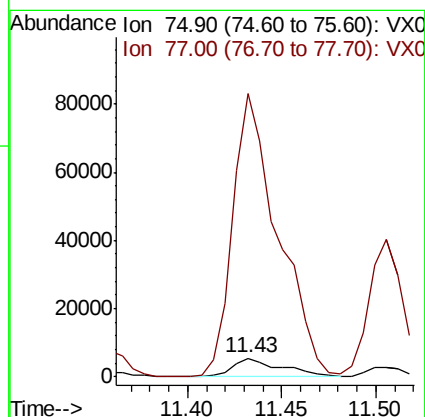
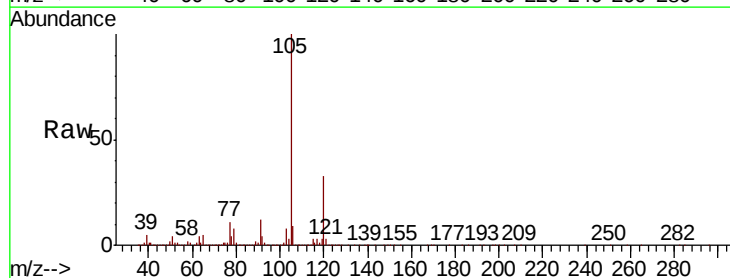
Acq: 30 Nov 2018 15:09

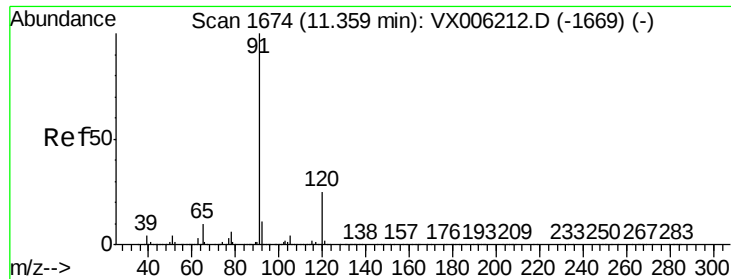
Tgt Ion: 75 Resp: 9318

Ion Ratio Lower Upper

75 100

77 1479.2 19.9 59.7#





#78

n-propylbenzene

Concen: 5.566 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

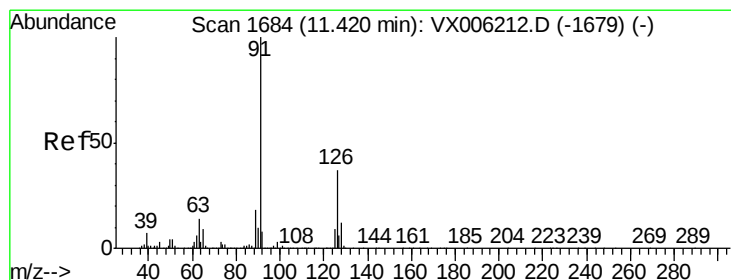
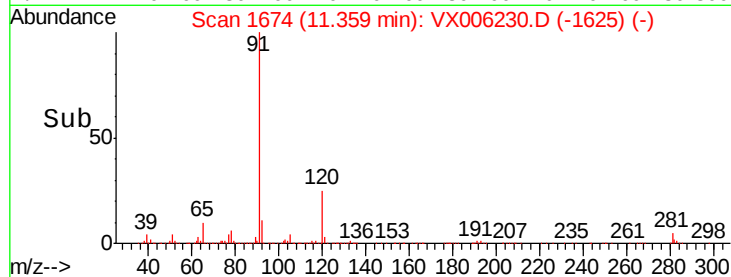
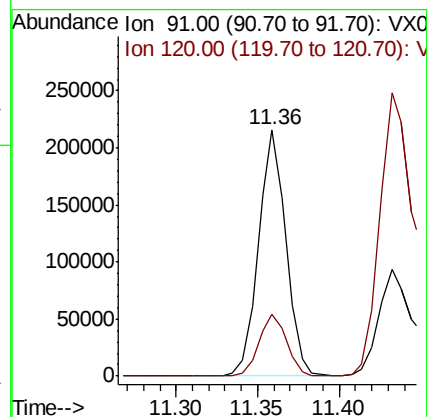
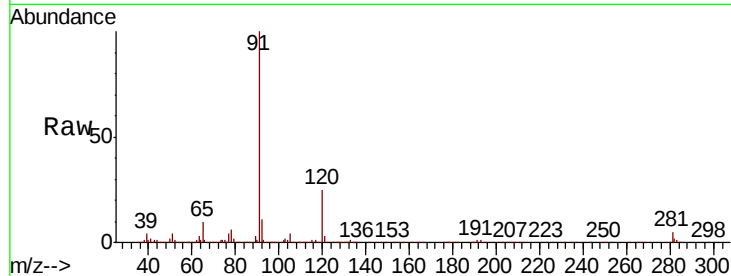
OR-03-112918-B

Tot Ion: 91 Resp: 251319

Ion Ratio Lower Upper

91 100

120 25.4 12.7 38.0



#79

2-Chlorotoluene

Concen: 5.640 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006230.D

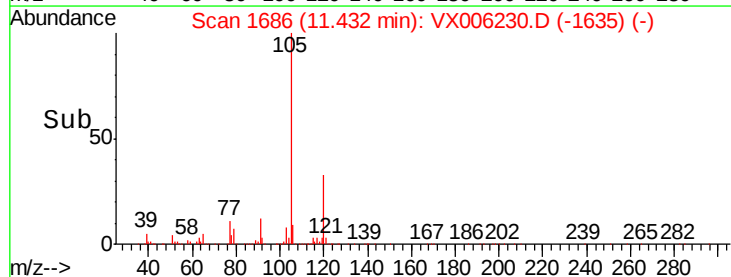
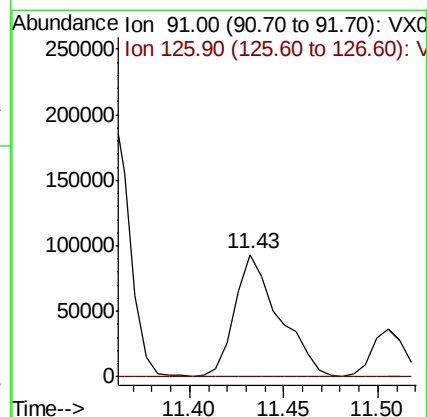
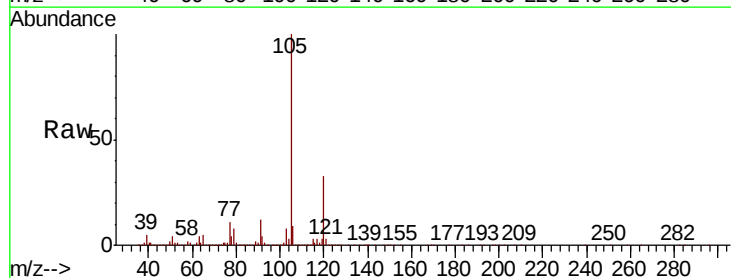
Acq: 30 Nov 2018 15:09

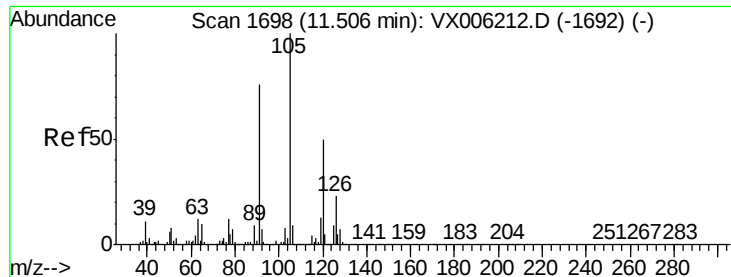
Tgt Ion: 91 Resp: 151358

Ion Ratio Lower Upper

91 100

126 0.7 18.6 56.0#

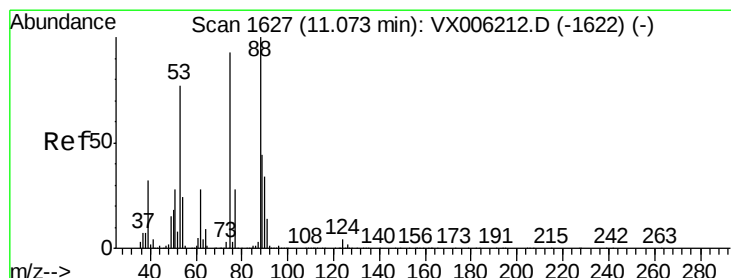
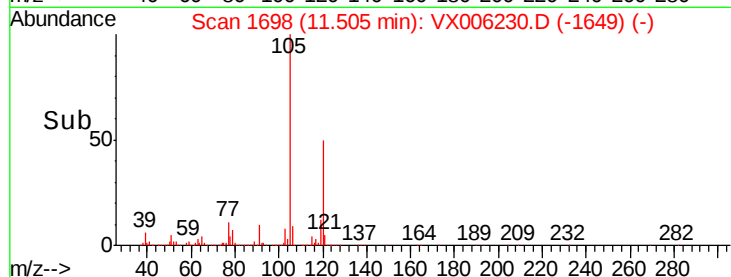
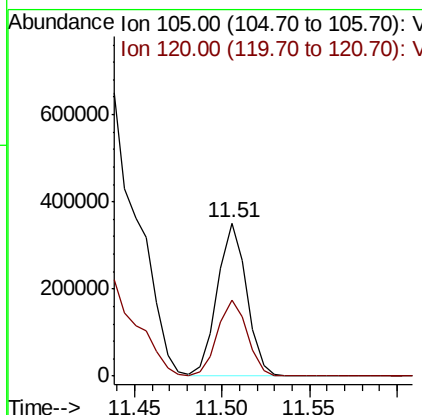
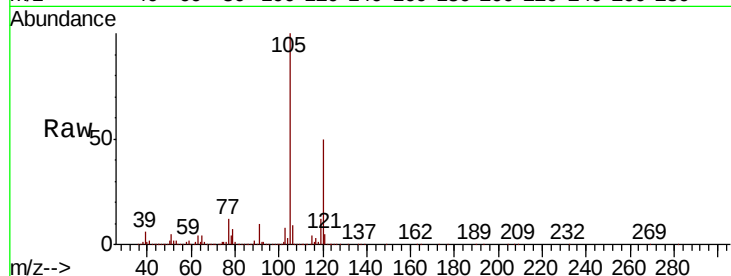




#80
 1,3,5-Trimethylbenzene
 Concen: 12.132 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006230.D
 Acq: 30 Nov 2018 15:09

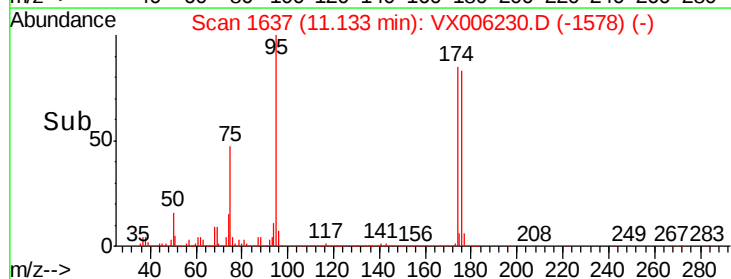
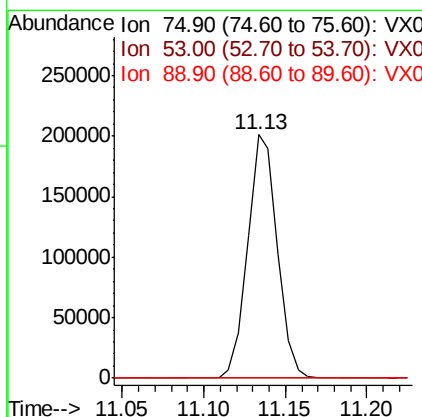
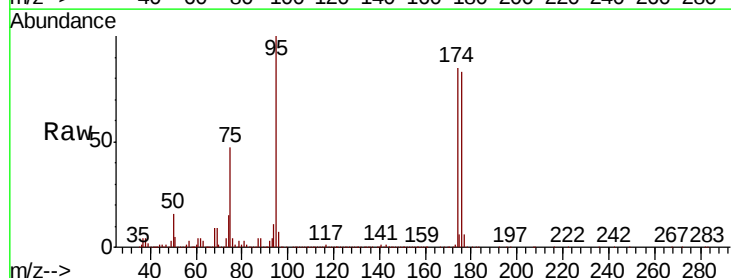
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-112918-B

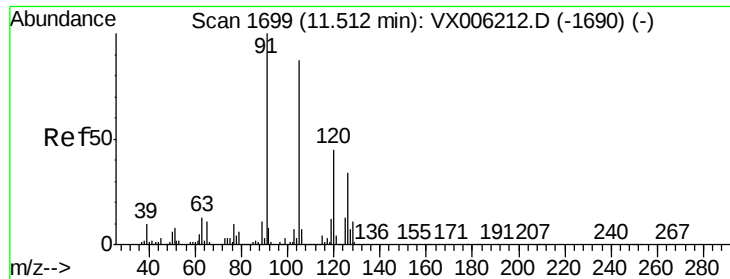
Tot Ion:105 Resp: 409975
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.643 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006230.D
 Acq: 30 Nov 2018 15:09

Tgt Ion: 75 Resp: 254656
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#





#82

4-Chlorotoluene

Concen: 1.384 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

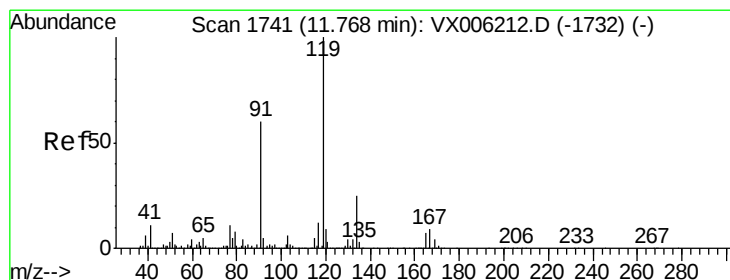
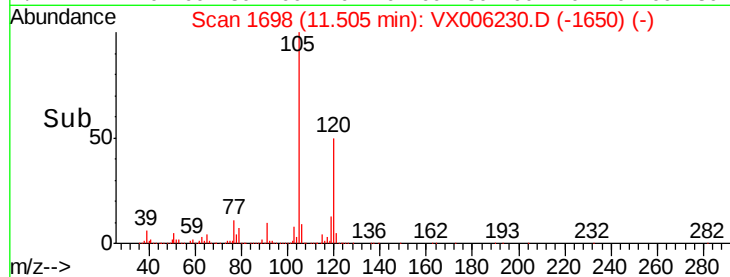
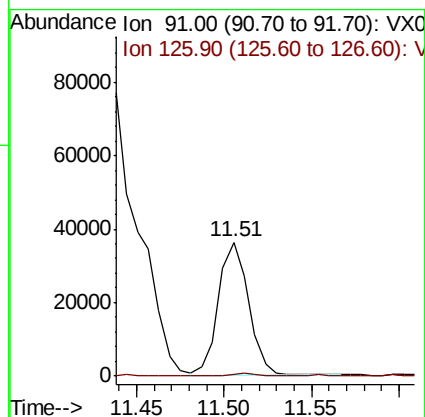
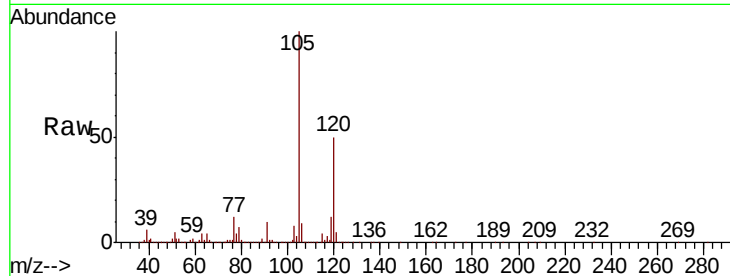
OR-03-112918-B

Tot Ion: 91 Resp: 43184

Ion Ratio Lower Upper

91 100

126 1.9 16.4 49.4#



#83

tert-Butylbenzene

Concen: 0.493 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.26 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

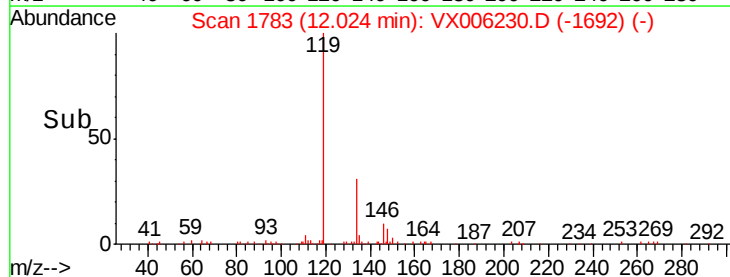
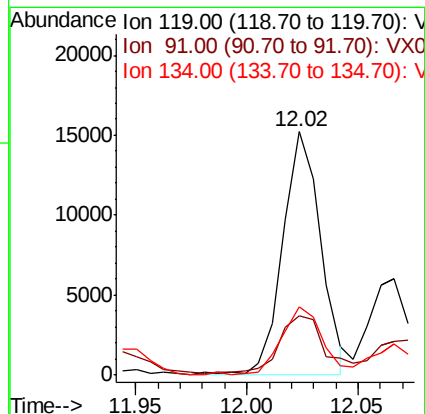
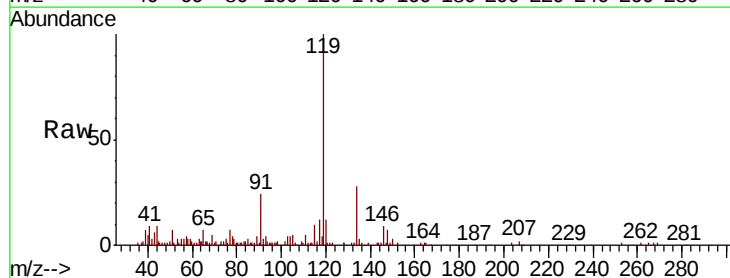
Tgt Ion: 119 Resp: 17777

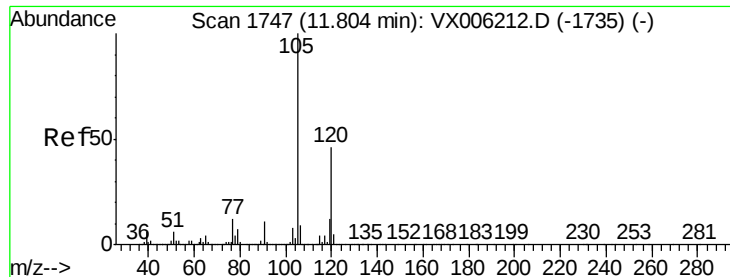
Ion Ratio Lower Upper

119 100

91 26.6 26.4 79.2

134 29.8 11.6 34.7



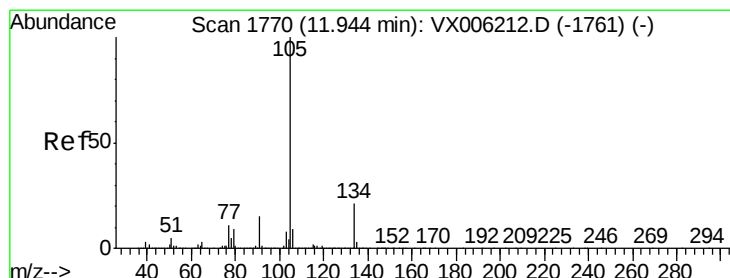
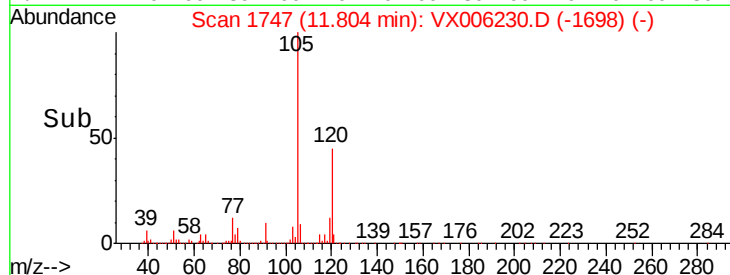
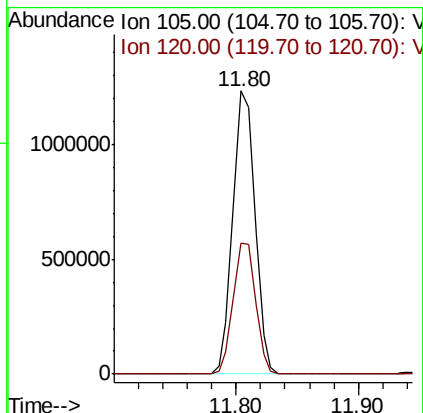
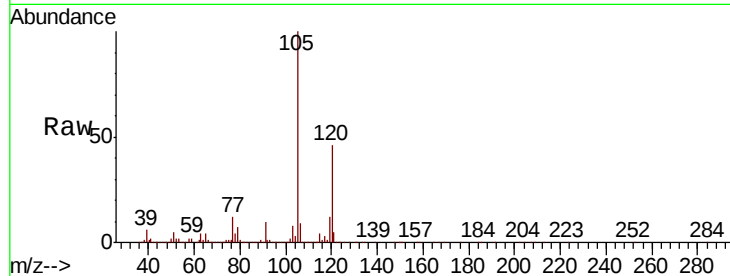


#84

1,2,4-Trimethylbenzene
Concen: 44.070 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

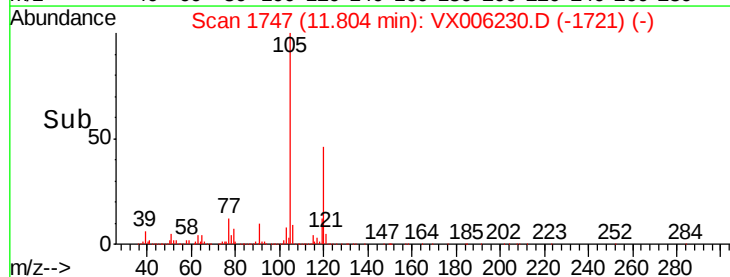
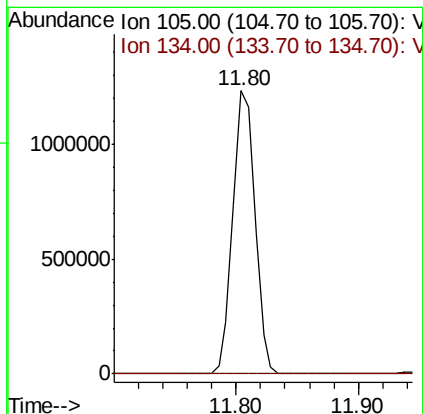
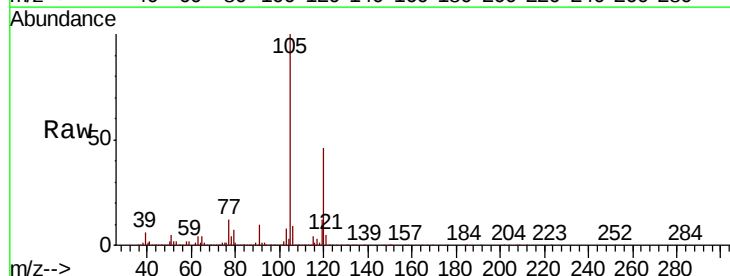
Tot Ion:105 Resp: 1537834
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.0

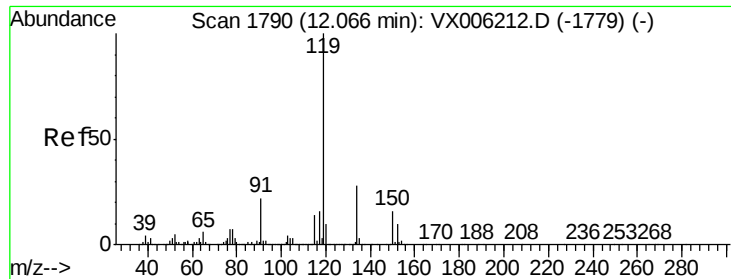


#85

sec-Butylbenzene
Concen: 37.490 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion:105 Resp: 1537834
Ion Ratio Lower Upper
105 100
134 0.0 10.8 32.4#

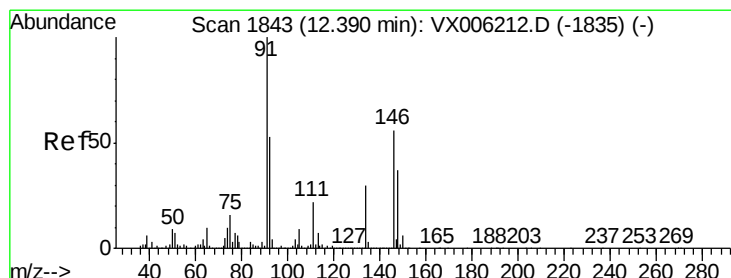
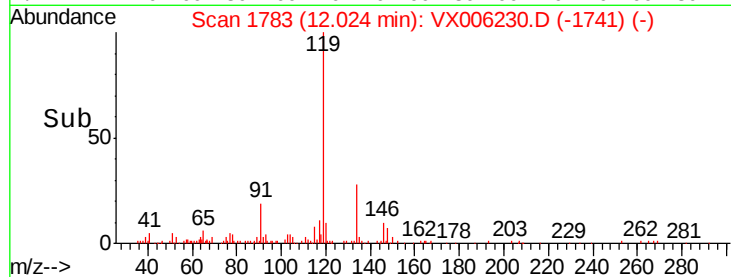
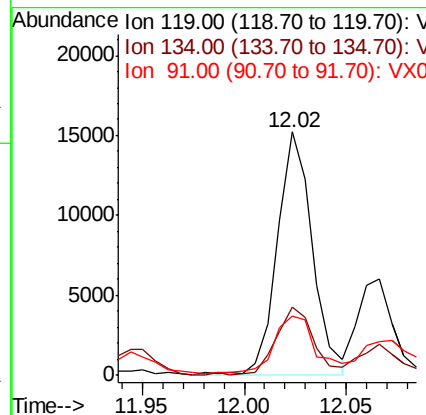
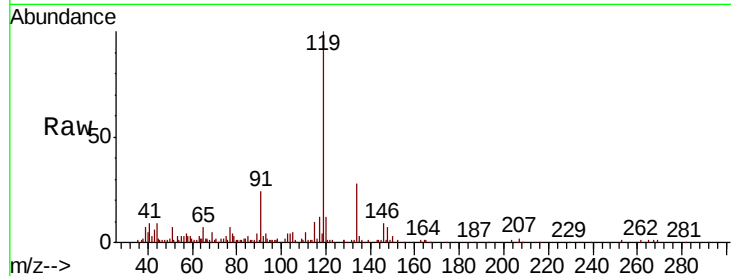




#86
p-Isopropyltoluene
Concen: 0.491 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.04 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

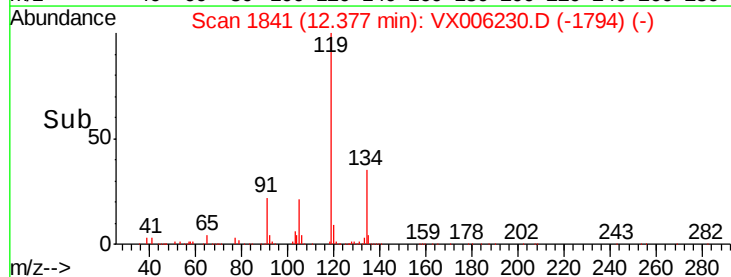
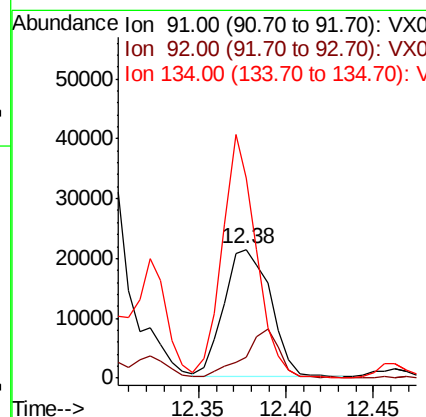
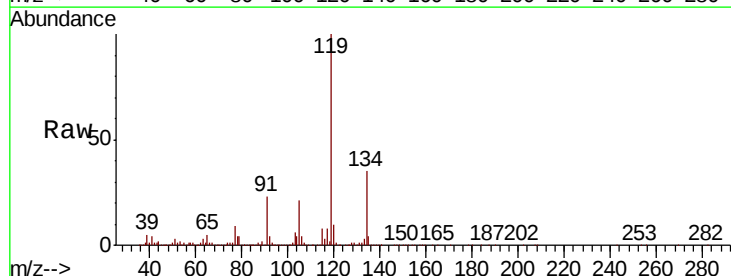
Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

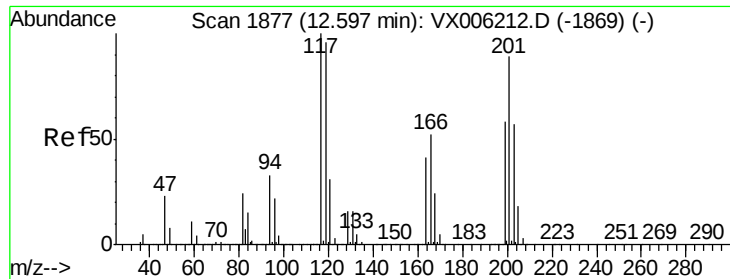
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.2	13.9	41.6
91	27.3	11.3	33.8



#89
n-Butylbenzene
Concen: 1.252 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	28.3	26.6	79.8
134	138.7	14.8	44.3#





#90

Hexachloroethane

Concen: 1.081 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

Instrument :

MSVOA_X

ClientSampleId :

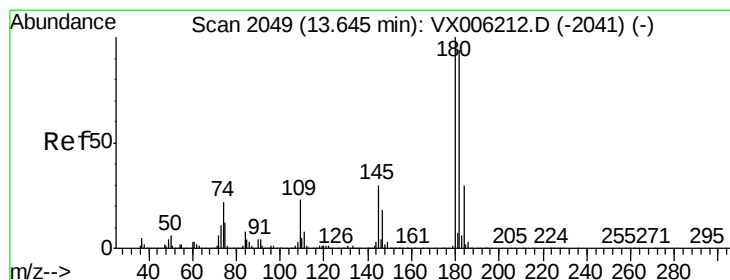
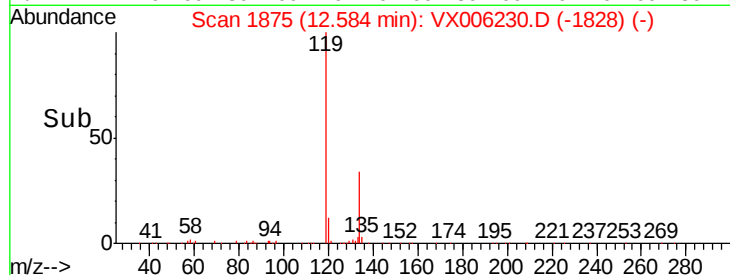
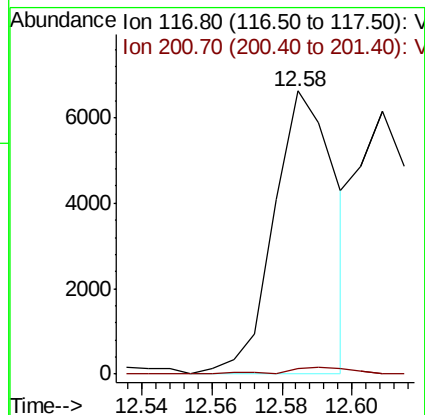
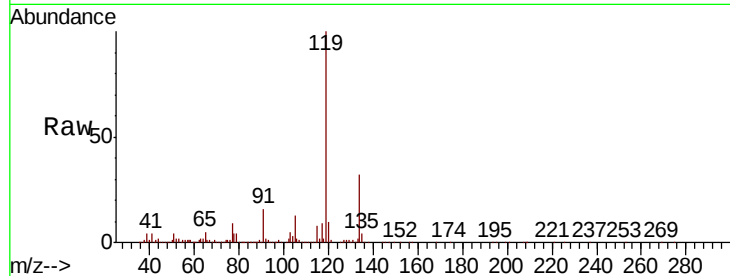
OR-03-112918-B

Tot Ion:117 Resp: 8139

Ion Ratio Lower Upper

117 100

201 2.6 44.7 134.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.232 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX006230.D

Acq: 30 Nov 2018 15:09

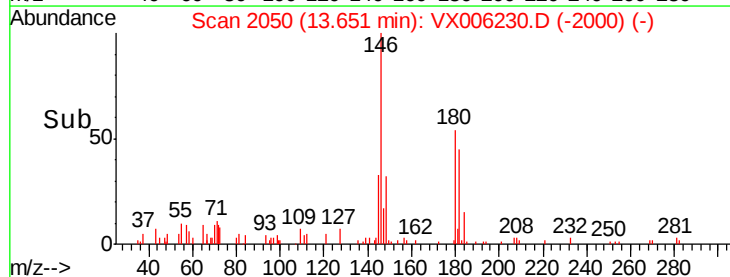
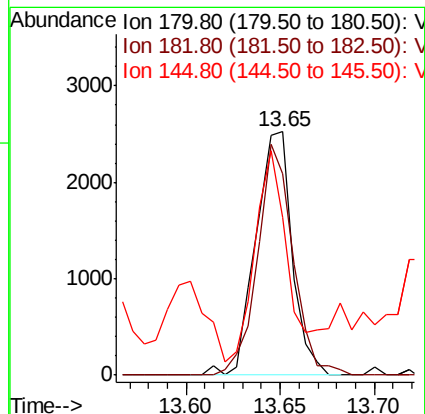
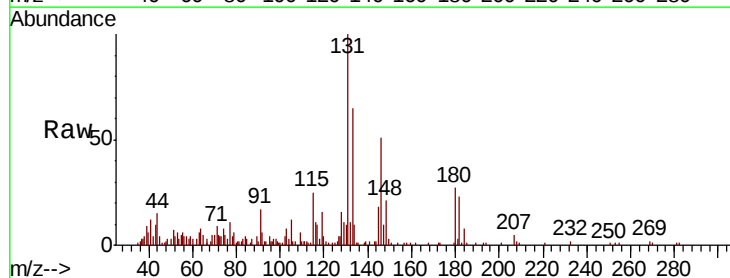
Tgt Ion:180 Resp: 3375

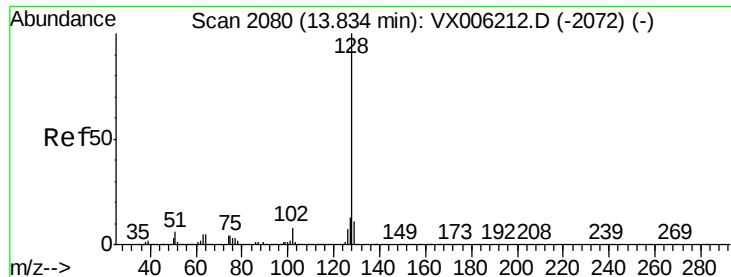
Ion Ratio Lower Upper

180 100

182 92.1 47.3 141.9

145 82.7 14.6 43.8#





#95
Naphthalene
Concen: 11.991 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006230.D
Acq: 30 Nov 2018 15:09

Instrument :
MSVOA_X
ClientSampleId :
OR-03-112918-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.3	8.9	13.3

