

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007644.D
 Acq On : 21 Feb 2019 21:09
 Operator : JC/SP
 Sample : K1544-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Feb 22 06:36:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	468597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	744114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370021	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	258843	52.04	ug/l	0.00
Spiked Amount			Recovery	=	104.08%	
35) Dibromofluoromethane	5.50	113	244443	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	892869	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	336993	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	

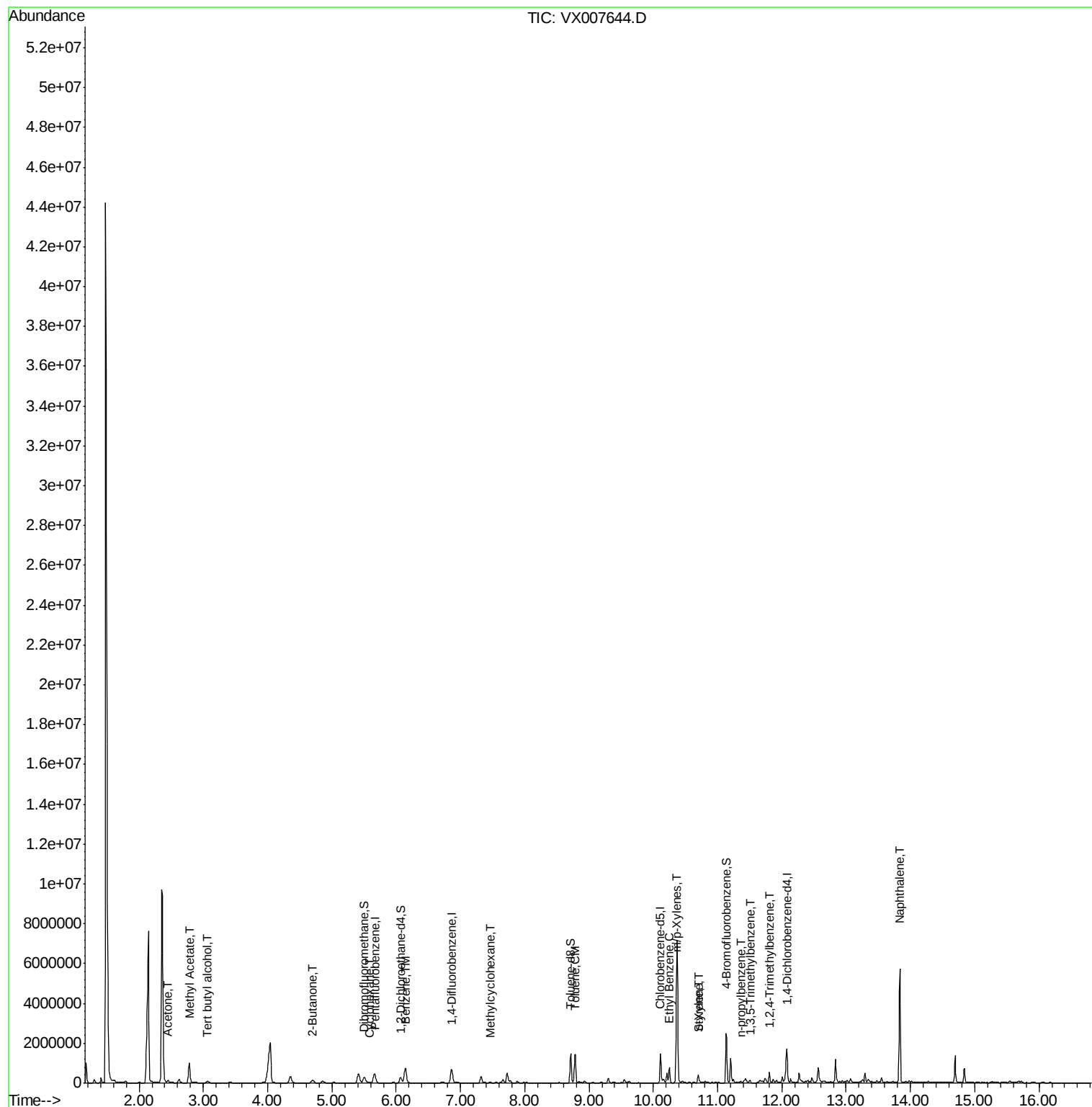
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	91562	88.953	ug/l	98
16) Acetone	2.45	43	116419	51.098	ug/l #	80
18) Methyl Acetate	2.78	43	1187590	198.276	ug/l	100
25) 2-Butanone	4.70	43	236711	73.005	ug/l	99
31) Cyclohexane	5.59	56	13705	1.982	ug/l	97
39) Methylcyclohexane	7.46	83	12165	1.506	ug/l	95
40) Benzene	6.15	78	876744	44.580	ug/l	99
52) Toluene	8.78	92	548916	43.260	ug/l	99
67) Ethyl Benzene	10.25	91	125330	5.032	ug/l	99
68) m/p-Xylenes	10.35	106	264169	26.683	ug/l	99
69) o-Xylene	10.70	106	81977	8.605	ug/l	99
70) Styrene	10.71	104	48963	3.169	ug/l #	82
78) n-propylbenzene	11.36	91	30953	1.123	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	59003	2.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	221196	10.591	ug/l	94
95) Naphthalene	13.83	128	3443622	137.997	ug/l	100

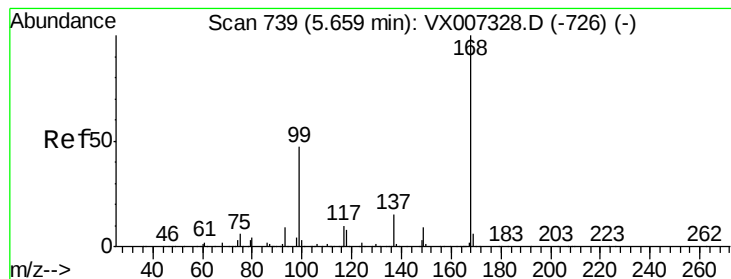
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022119\
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Quant Time: Feb 22 06:36:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

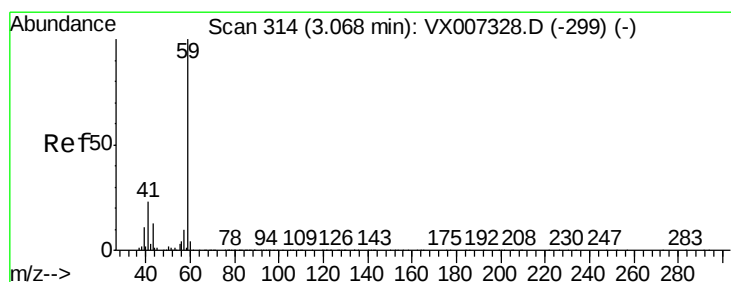
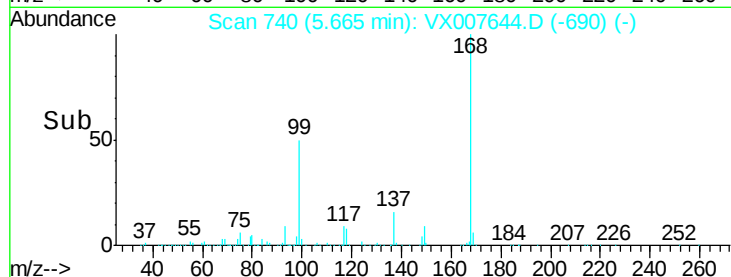
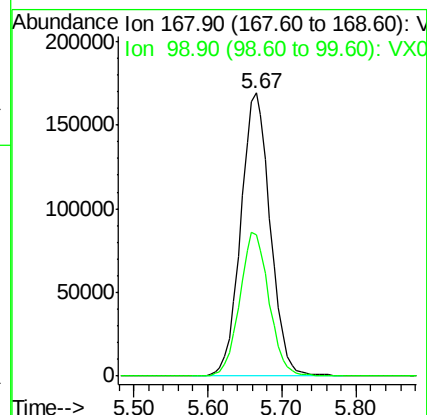
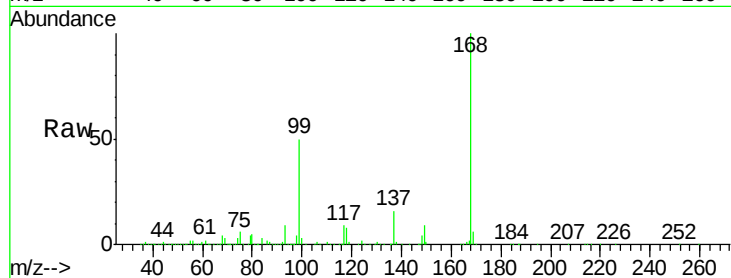
COMP-2

Tot Ion:168 Resp: 468597

Ion Ratio Lower Upper

168 100

99 50.0 37.9 56.9



#11

Tert butyl alcohol

Concen: 88.953 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.00 min

Lab File: VX007644.D

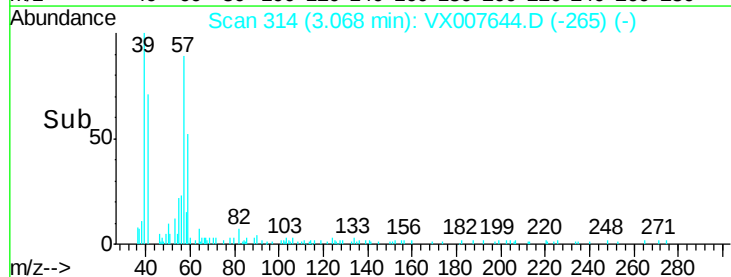
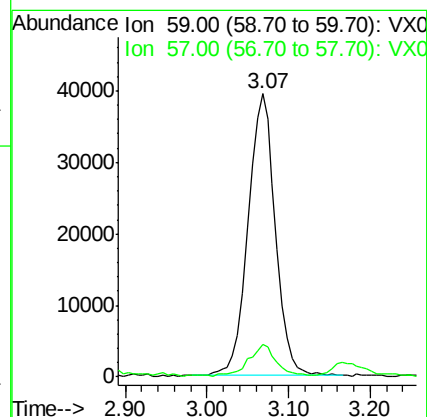
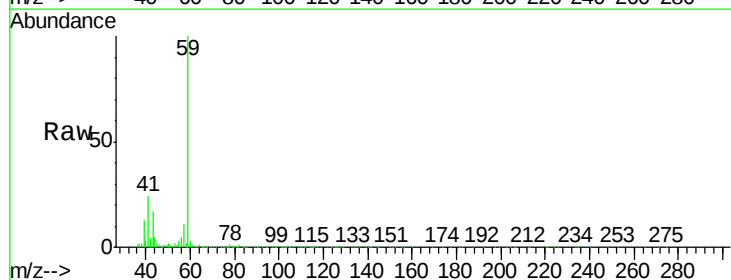
Acq: 21 Feb 2019 21:09

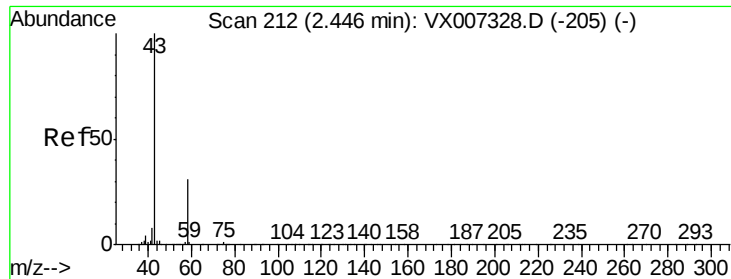
Tgt Ion: 59 Resp: 91562

Ion Ratio Lower Upper

59 100

57 10.8 8.1 12.1

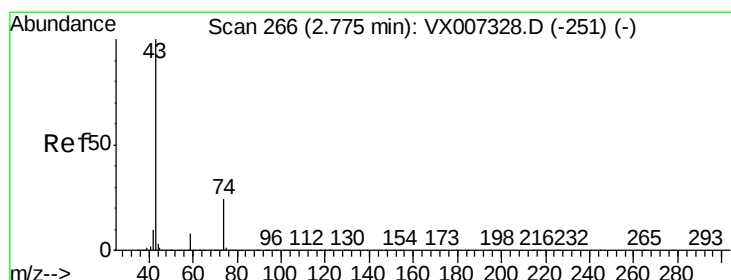
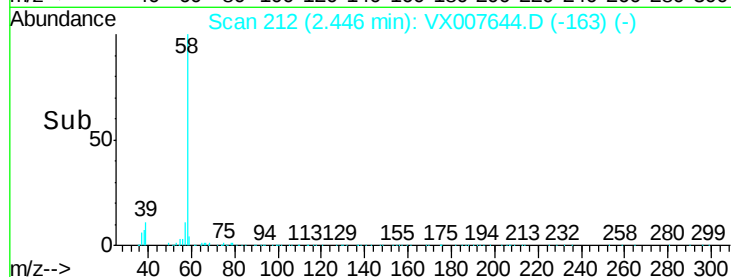
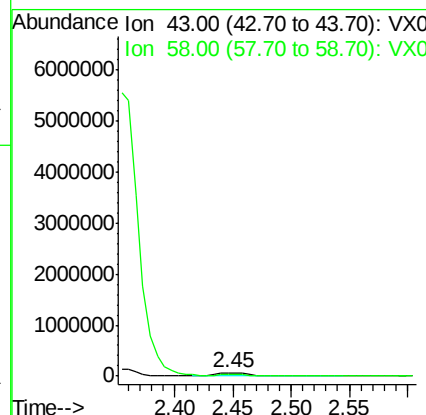
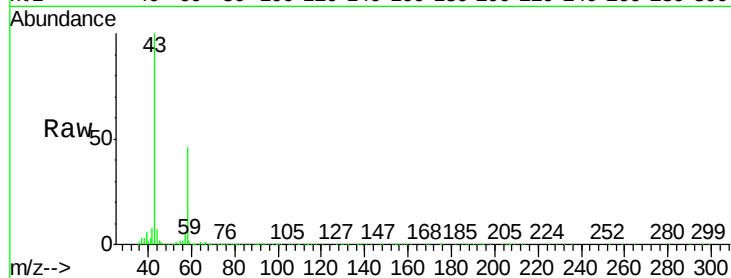




#16
Acetone
Concen: 51.098 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

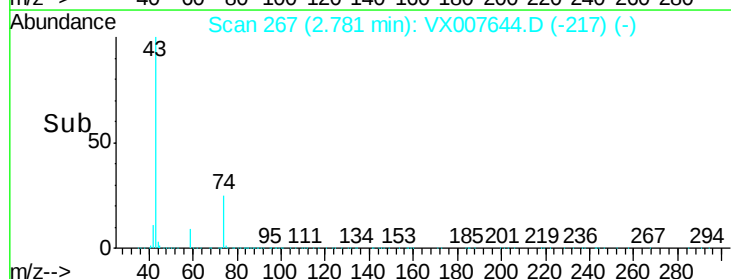
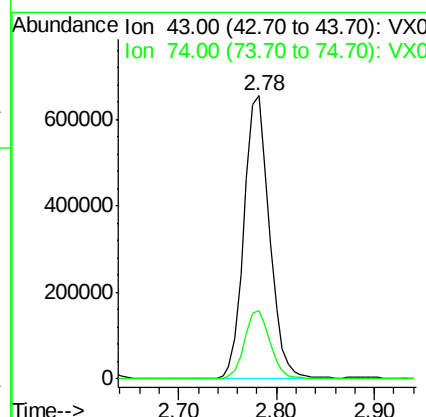
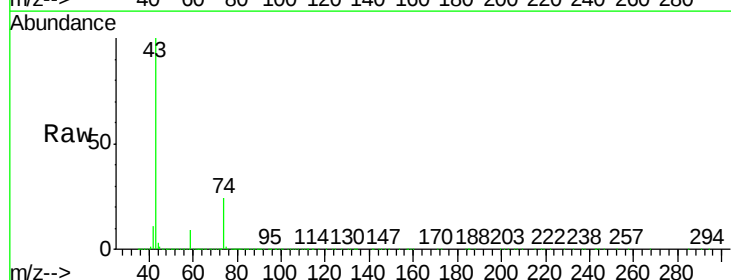
Instrument :
MSVOA_X
ClientSampled :
COMP-2

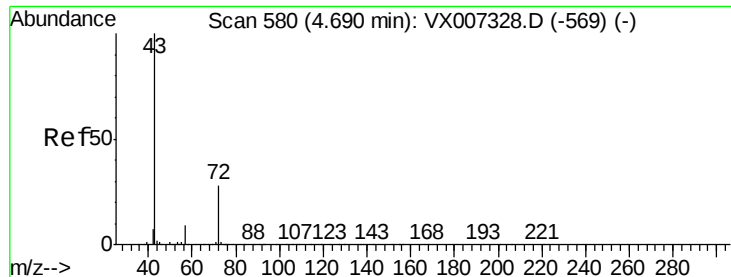
Tot Ion: 43 Resp: 116419
Ion Ratio Lower Upper
43 100
58 42.4 24.9 37.3#



#18
Methyl Acetate
Concen: 198.276 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion: 43 Resp: 1187590
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2





#25

2-Butanone

Concen: 73.005 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

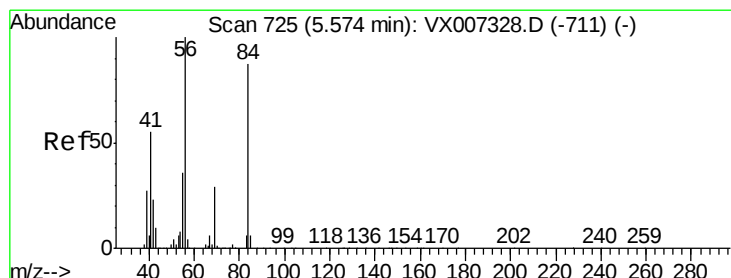
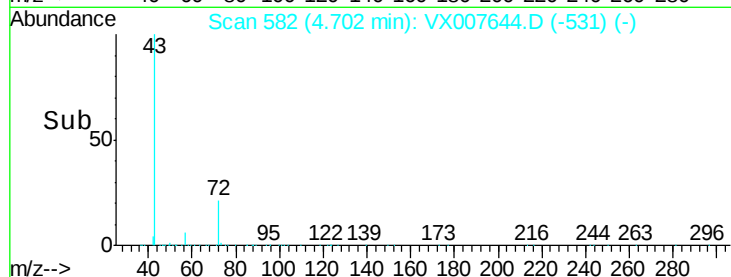
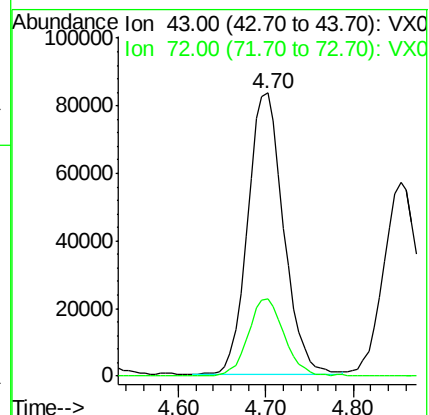
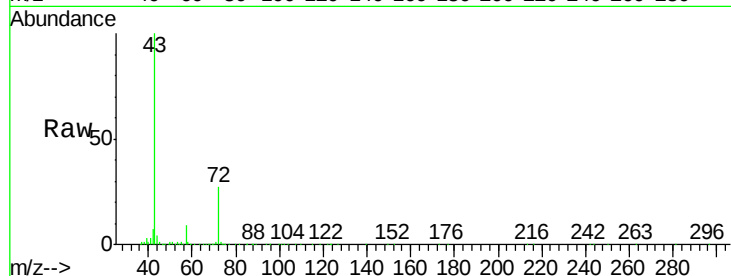
COMP-2

Tot Ion: 43 Resp: 236711

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#31

Cyclohexane

Concen: 1.982 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

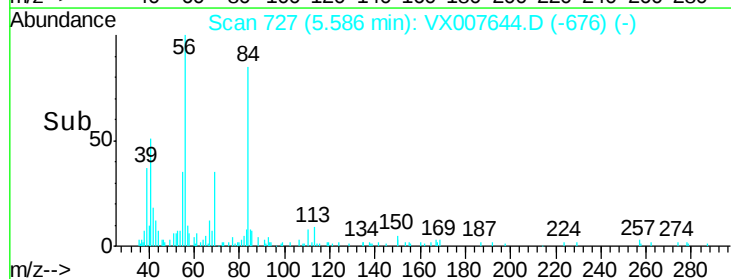
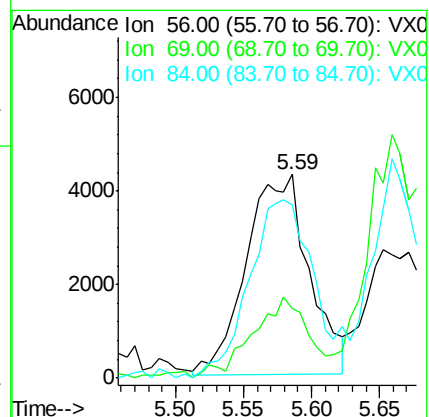
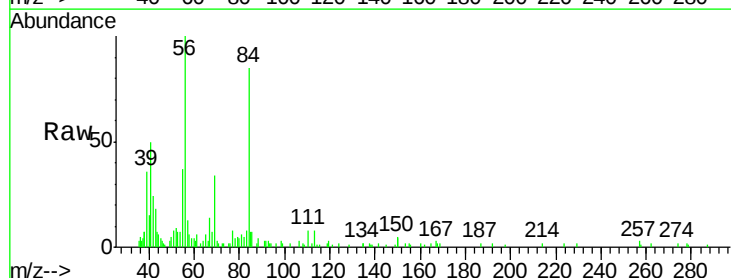
Tgt Ion: 56 Resp: 13705

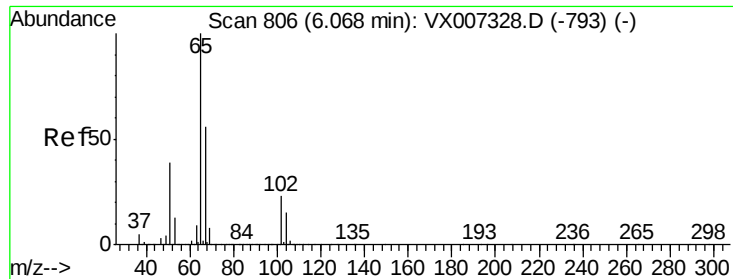
Ion Ratio Lower Upper

56 100

69 33.1 23.0 34.6

84 88.1 69.8 104.6

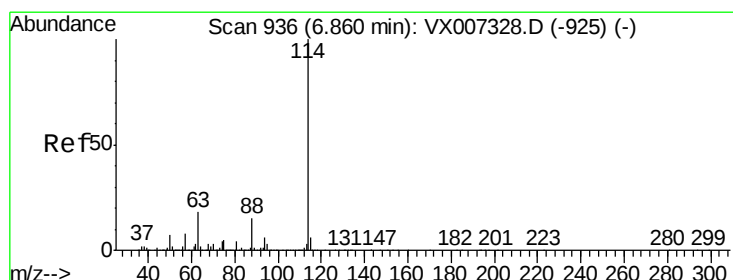
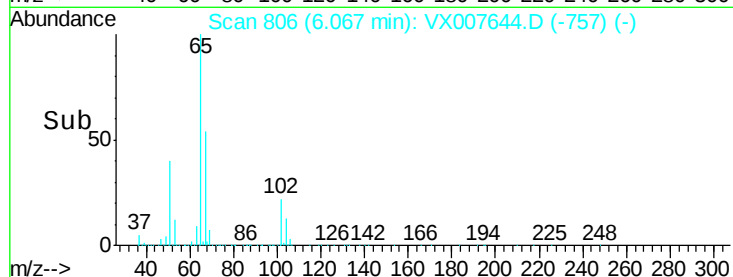
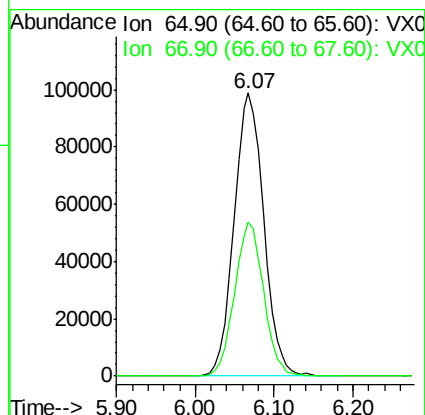
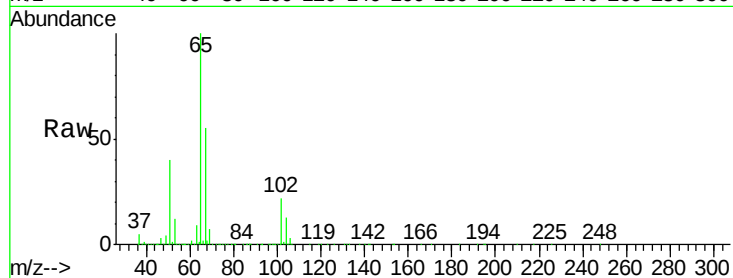




#33
 1,2-Dichloroethane-d4
 Concen: 52.041 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

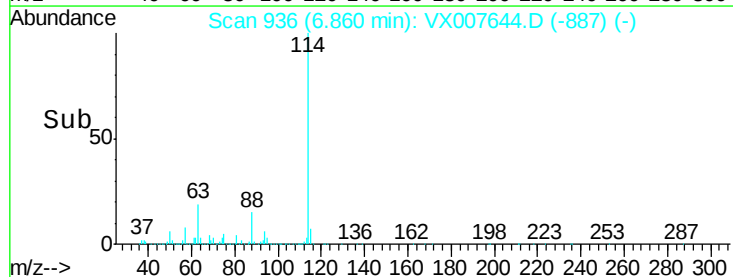
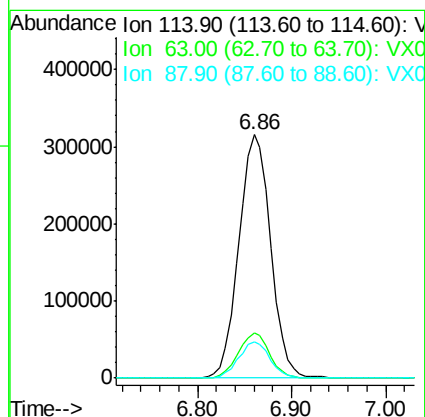
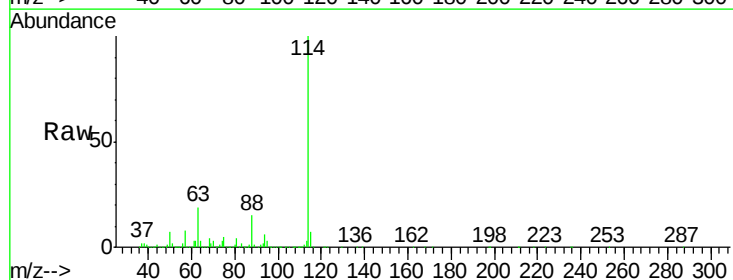
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-2

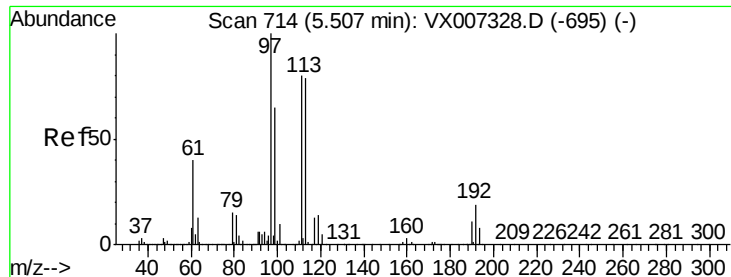
Tot Ion: 65 Resp: 258843
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Tgt Ion: 114 Resp: 744114
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.6
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.487 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampled :

COMP-2

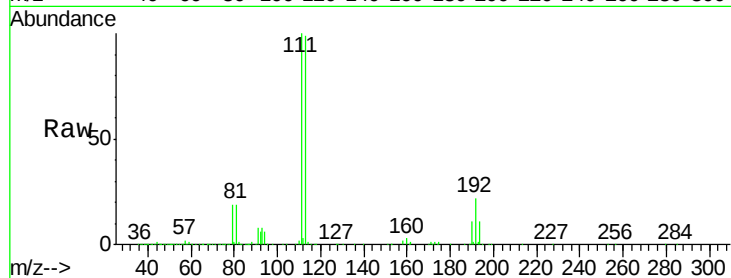
Tot Ion:113 Resp: 244443

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

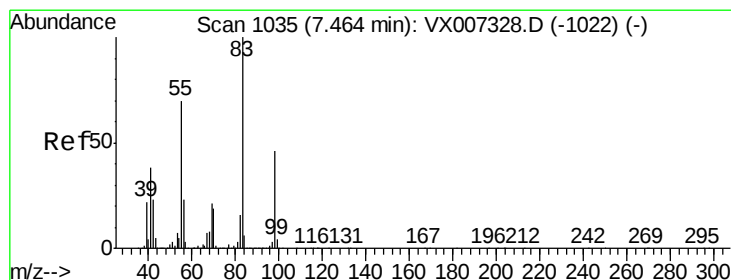
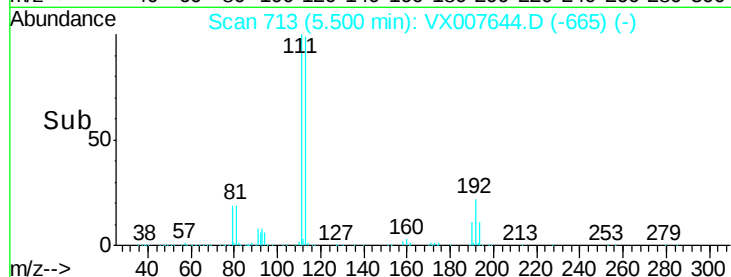
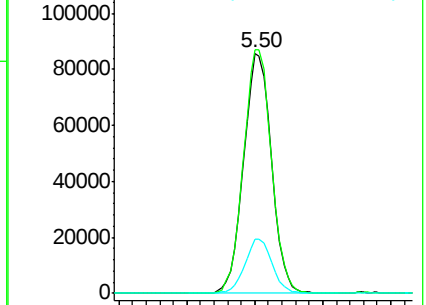
192 22.0 18.5 27.7



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



#39

Methylcyclohexane

Concen: 1.506 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

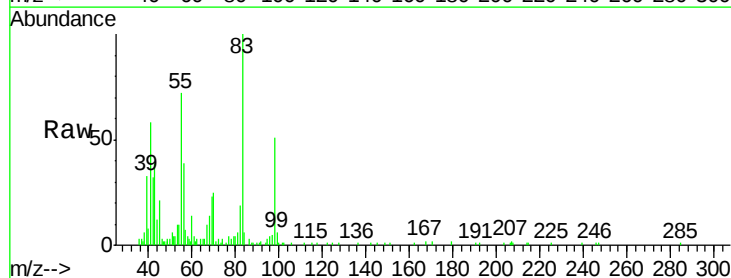
Tgt Ion: 83 Resp: 12165

Ion Ratio Lower Upper

83 100

55 66.8 56.2 84.2

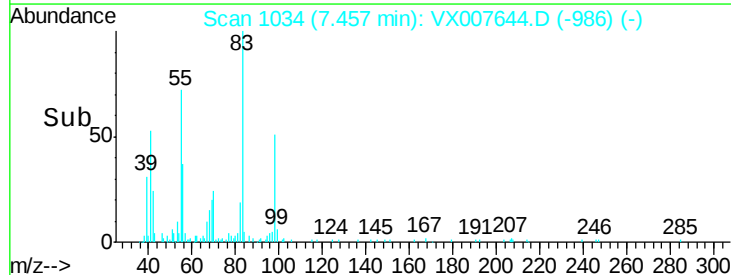
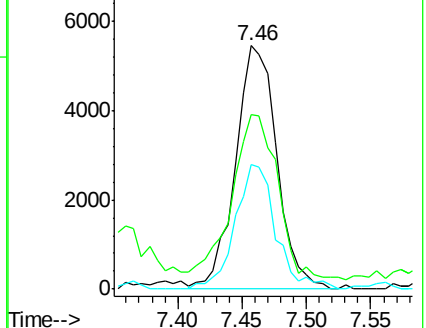
98 50.9 36.8 55.2

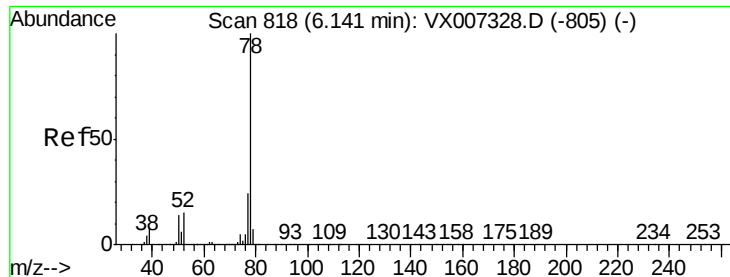


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 44.580 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

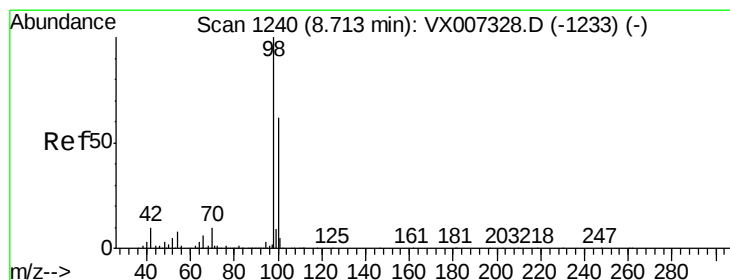
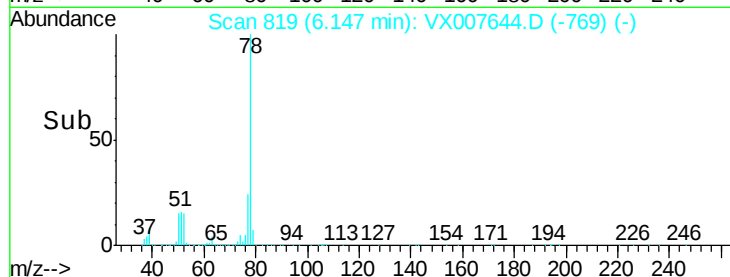
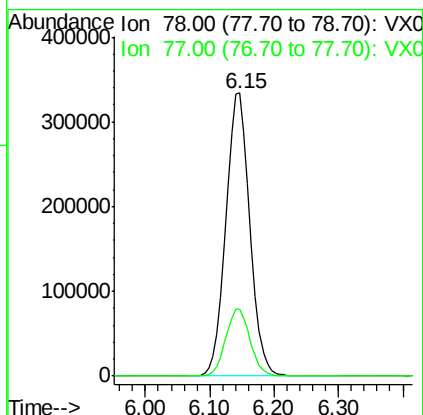
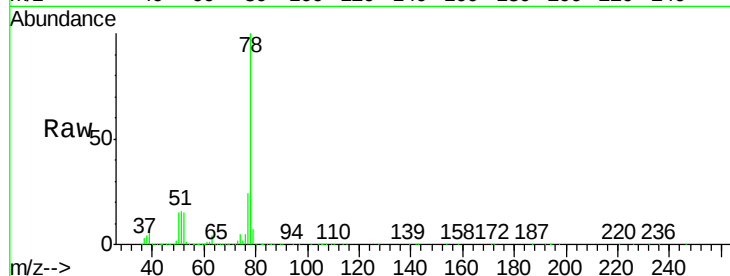
COMP-2

Tot Ion: 78 Resp: 876744

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



#50

Toluene-d8

Concen: 49.705 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007644.D

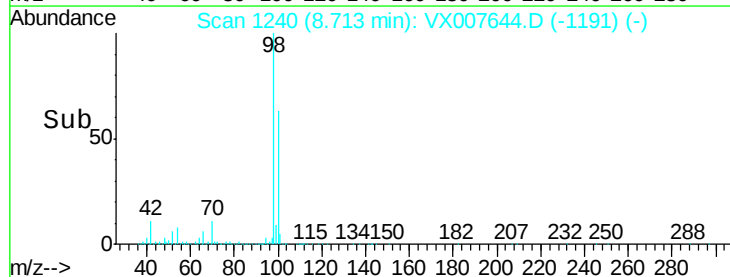
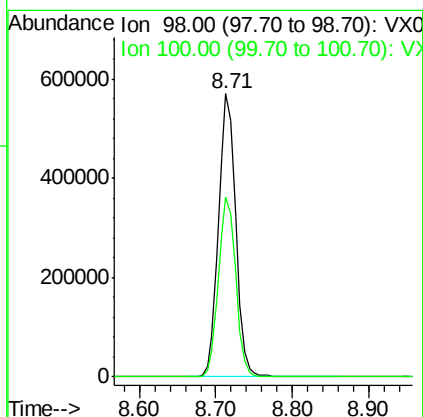
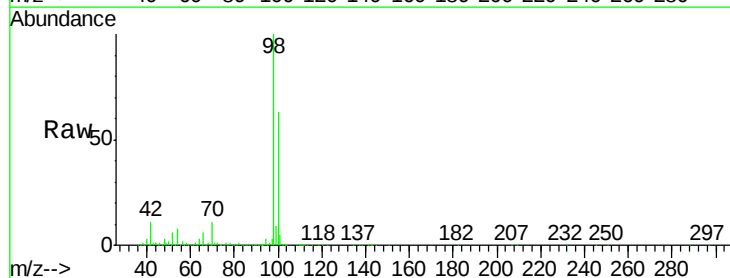
Acq: 21 Feb 2019 21:09

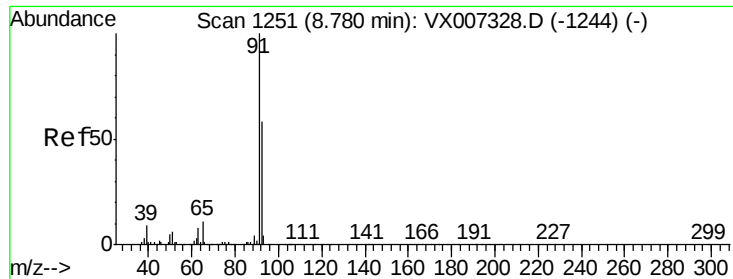
Tgt Ion: 98 Resp: 892869

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4





#52

Toluene

Concen: 43.260 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

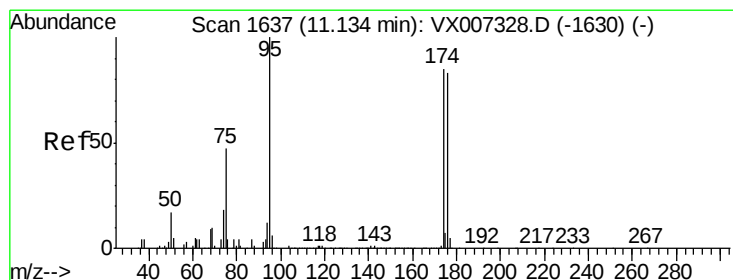
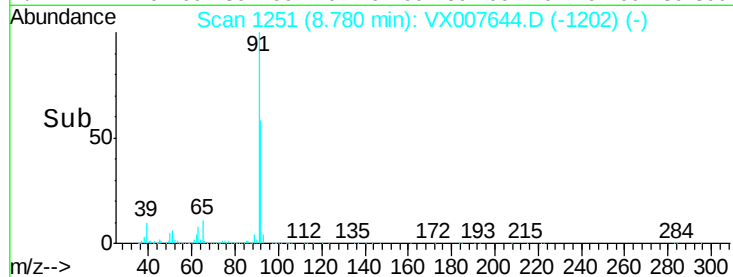
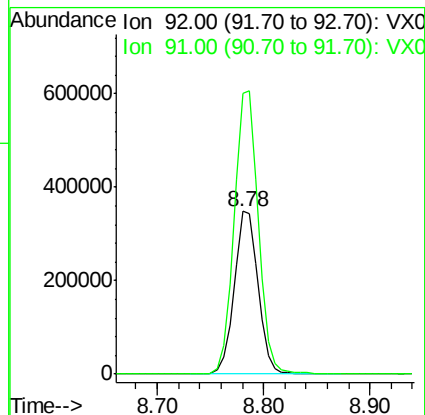
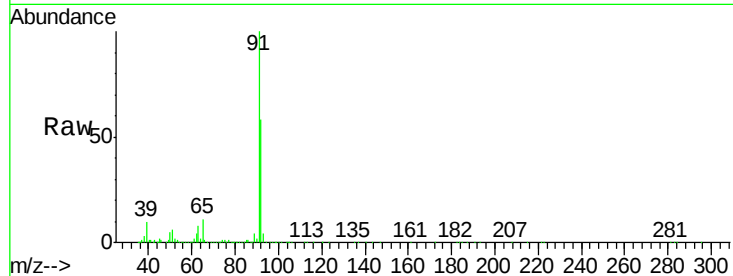
COMP-2

Tot Ion: 92 Resp: 548916

Ion Ratio Lower Upper

92 100

91 175.8 139.1 208.7



#62

4-Bromofluorobenzene

Concen: 51.383 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

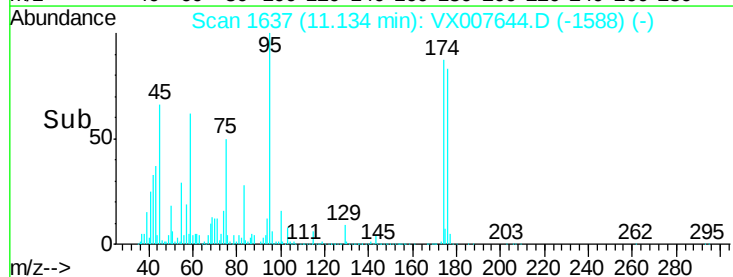
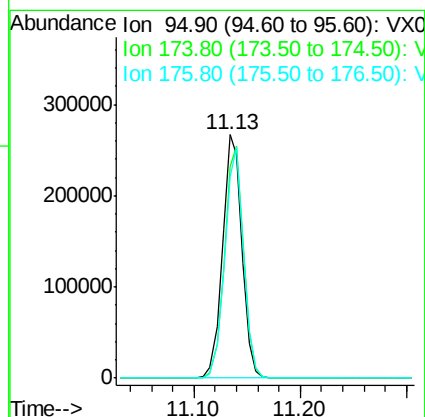
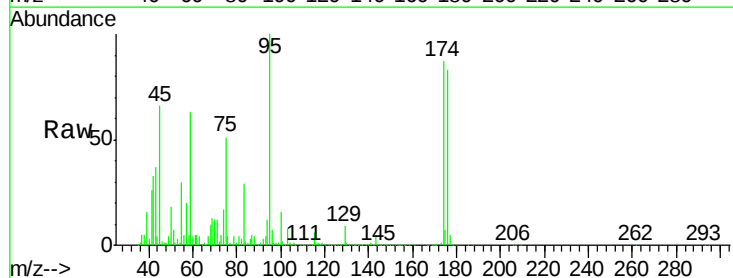
Tgt Ion: 95 Resp: 336993

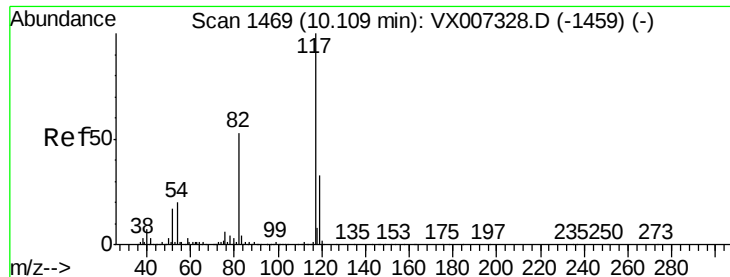
Ion Ratio Lower Upper

95 100

174 94.3 0.0 189.2

176 91.9 0.0 186.2

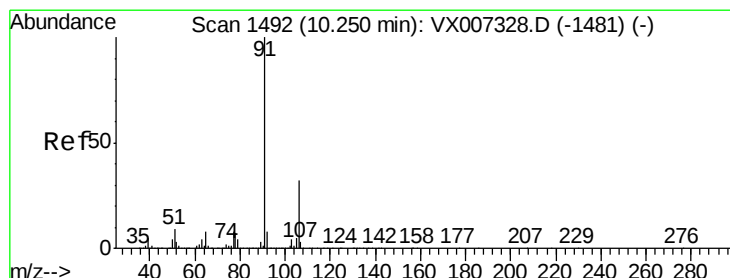
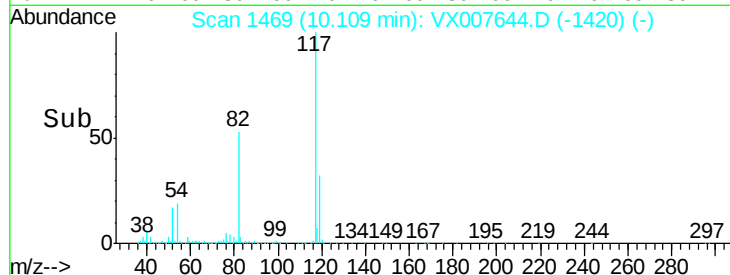
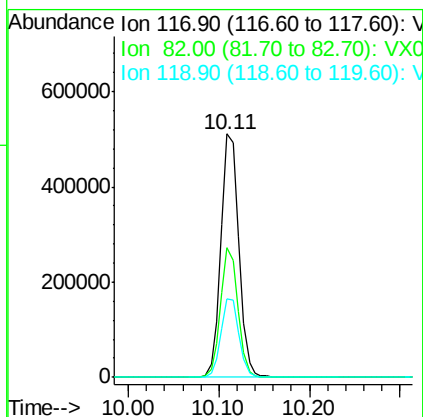
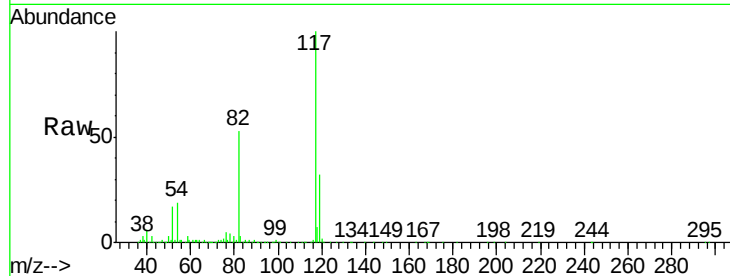




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

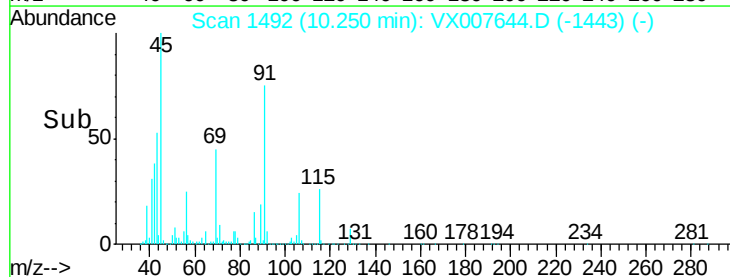
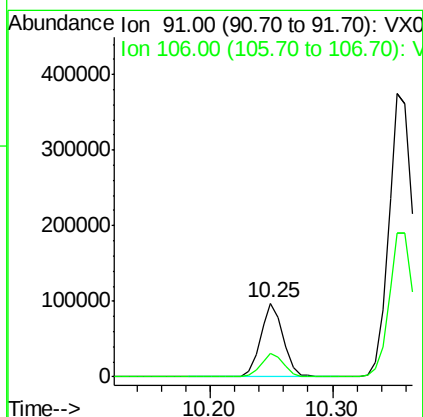
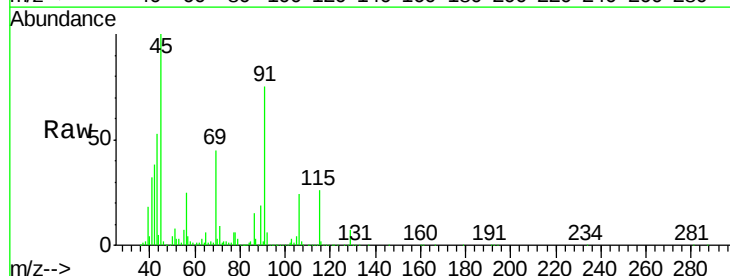
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

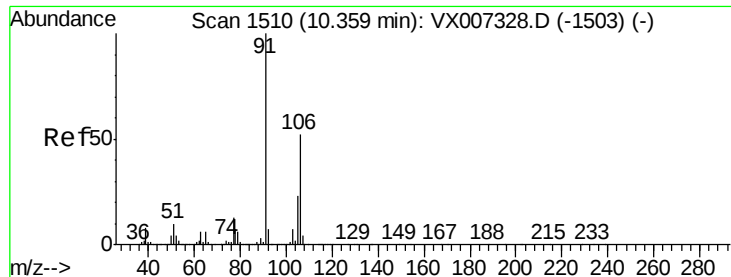
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.1	63.1
119	32.2	26.5	39.7



#67
Ethyl Benzene
Concen: 5.032 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007644.D
Acq: 21 Feb 2019 21:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.4	38.0





#68

m/p-Xylenes

Concen: 26.683 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

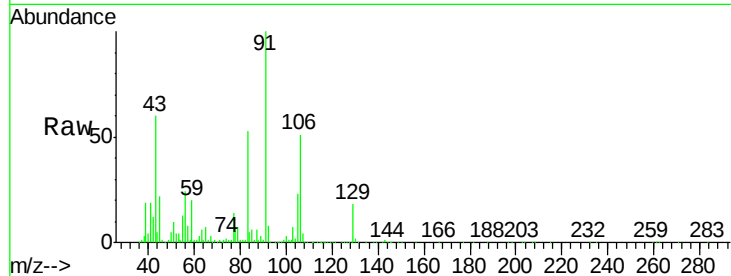
COMP-2

Tot Ion:106 Resp: 264169

Ion Ratio Lower Upper

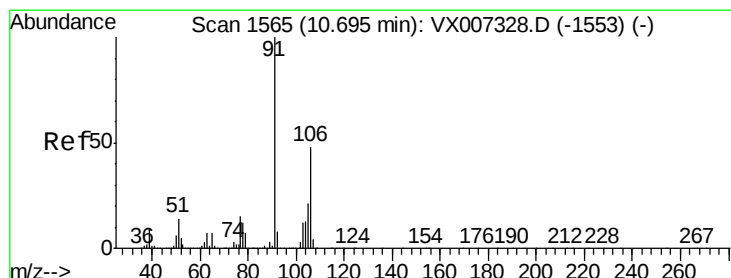
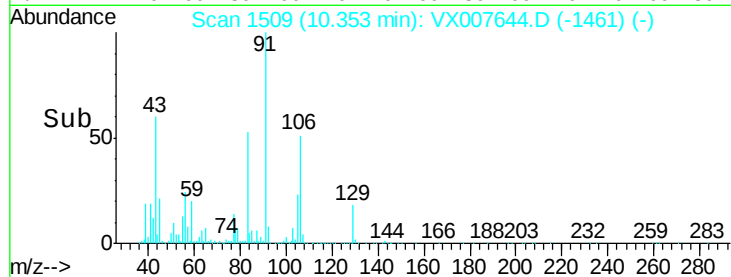
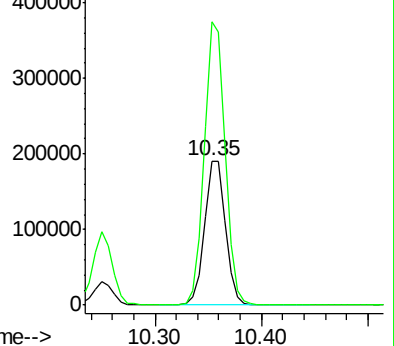
106 100

91 194.6 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 8.605 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007644.D

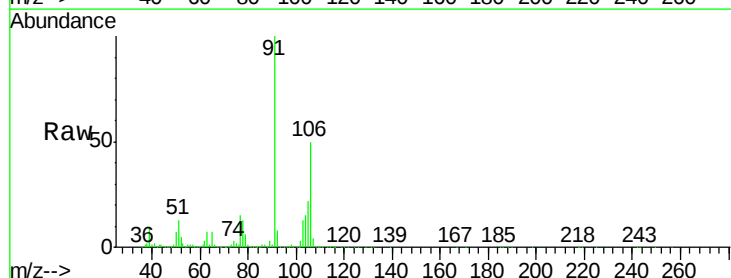
Acq: 21 Feb 2019 21:09

Tgt Ion:106 Resp: 81977

Ion Ratio Lower Upper

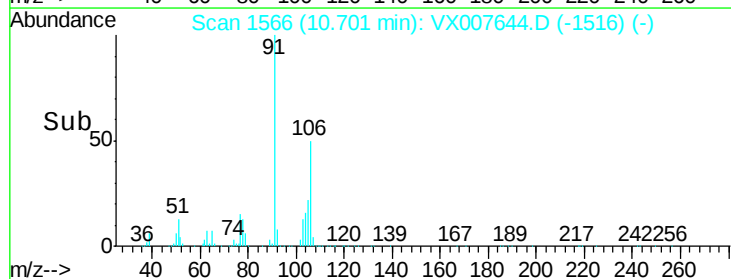
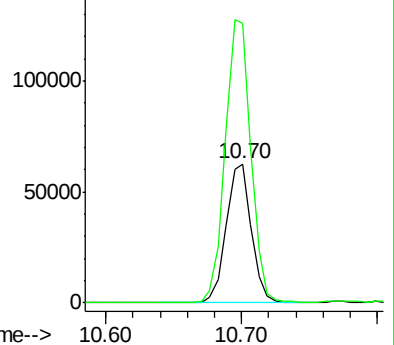
106 100

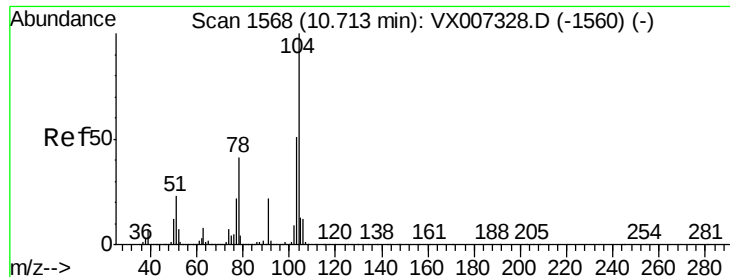
91 206.6 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 3.169 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-2

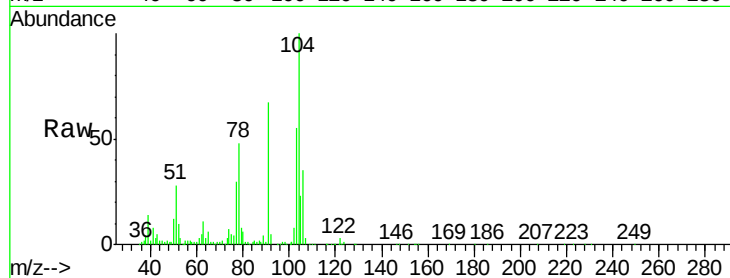
Tot Ion:104 Resp: 48963

Ion Ratio Lower Upper

104 100

78 60.4 38.3 57.5#

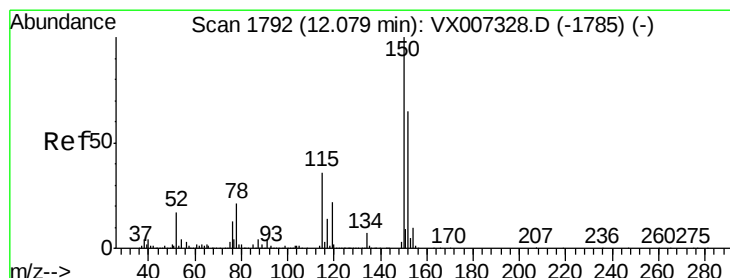
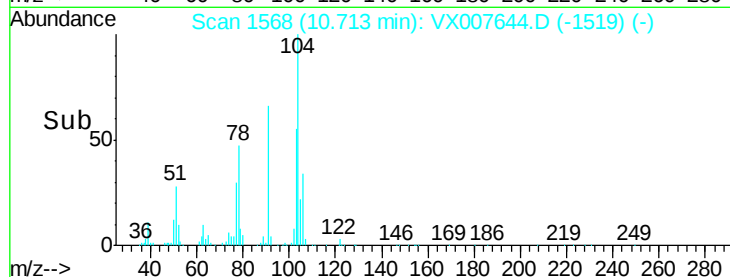
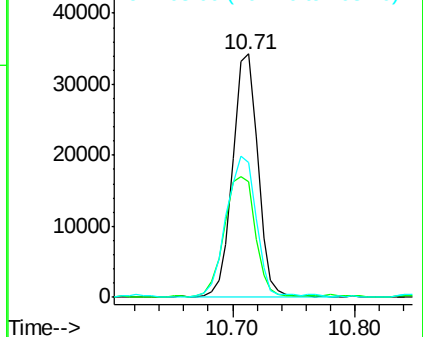
103 69.0 44.6 67.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

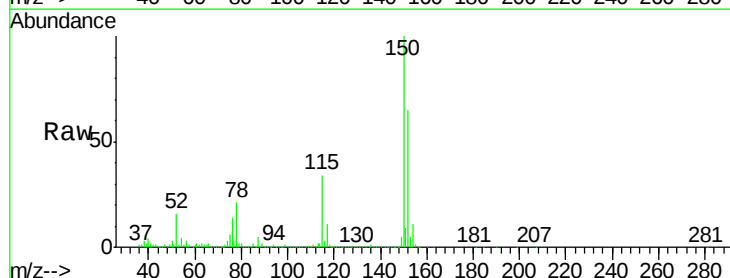
Tgt Ion:152 Resp: 370021

Ion Ratio Lower Upper

152 100

115 54.8 38.0 114.0

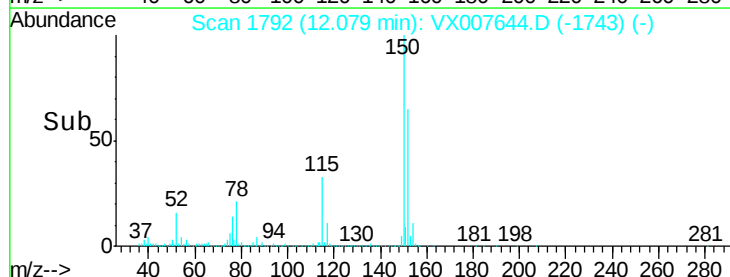
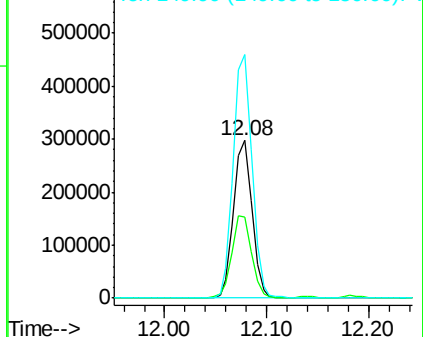
150 157.3 0.0 346.4

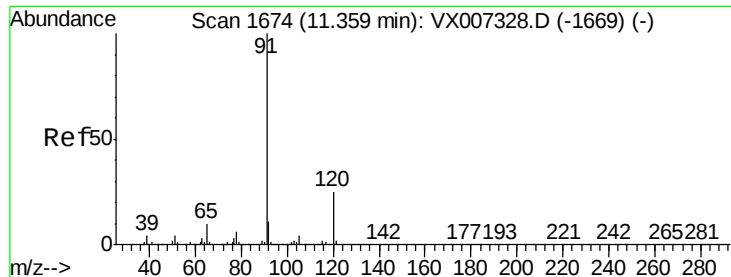


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 1.123 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007644.D

Acq: 21 Feb 2019 21:09

Instrument :

MSVOA_X

ClientSampleId :

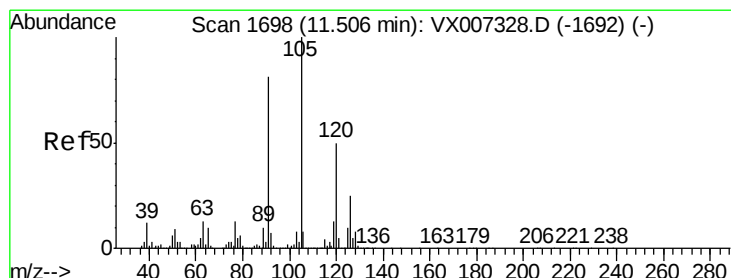
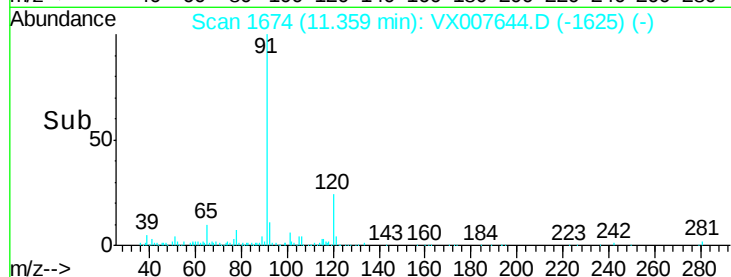
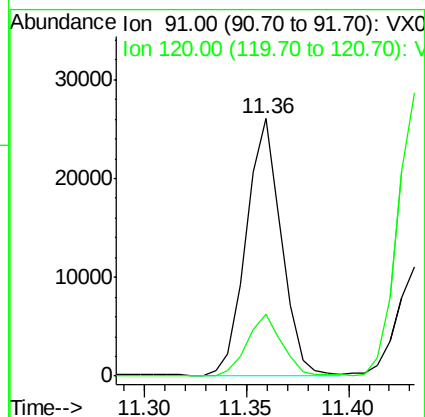
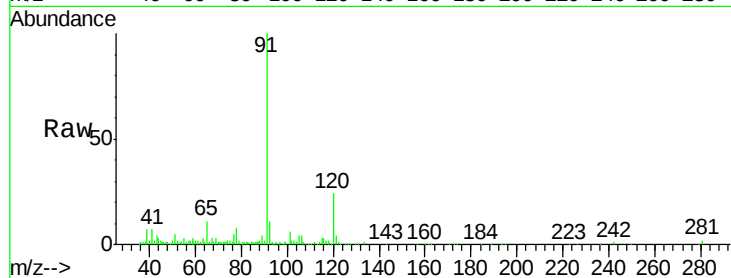
COMP-2

Tot Ion: 91 Resp: 30953

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.2



#80

1,3,5-Trimethylbenzene

Concen: 2.868 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007644.D

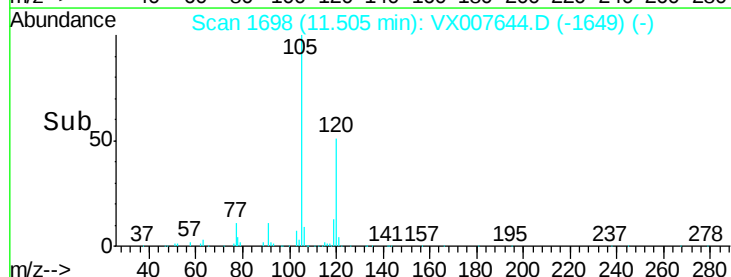
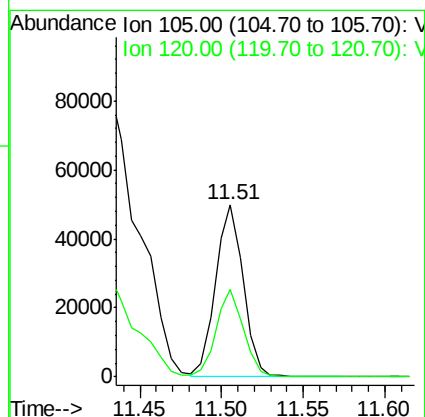
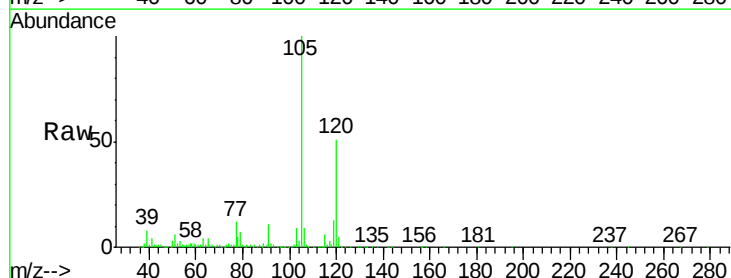
Acq: 21 Feb 2019 21:09

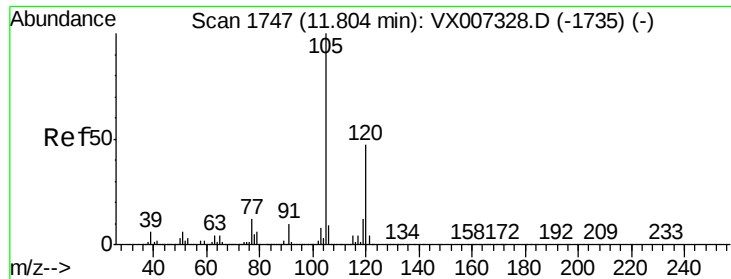
Tgt Ion:105 Resp: 59003

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8

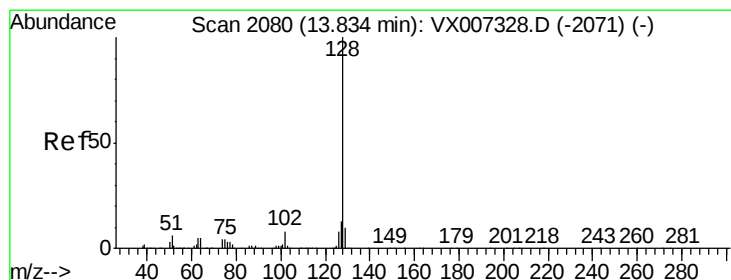
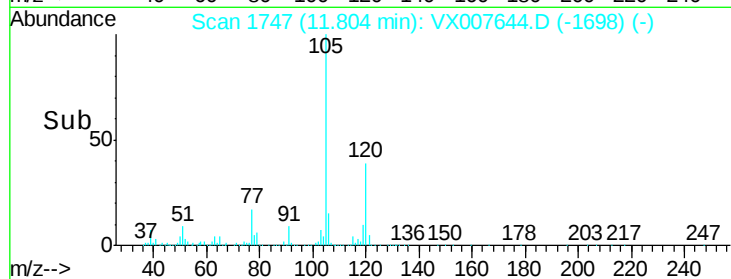
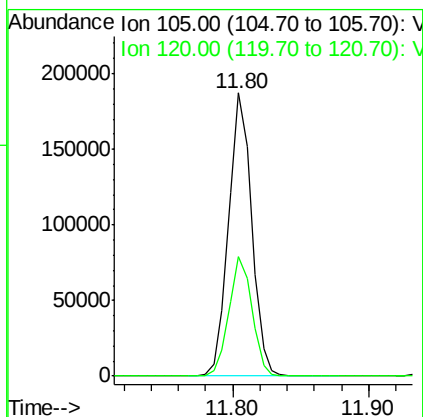
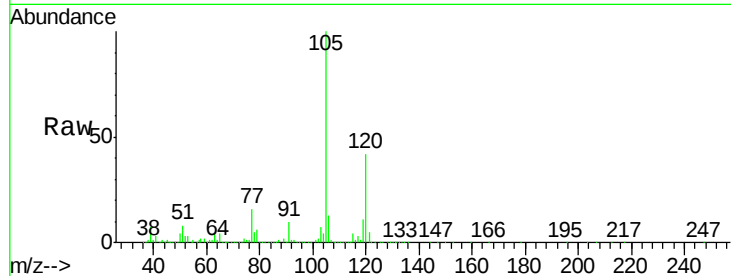




#84
 1,2,4-Trimethylbenzene
 Concen: 10.591 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Tot Ion:105 Resp: 221196
 Ion Ratio Lower Upper
 105 100
 120 42.3 23.1 69.3



#95
 Naphthalene
 Concen: 137.997 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX007644.D
 Acq: 21 Feb 2019 21:09

Tgt Ion:128 Resp: 3443622
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.5 15.7
 129 11.0 8.7 13.1

