

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006943.D
 Acq On : 07 Jan 2019 18:34
 Operator : JC/MD
 Sample : K1064-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P-1419-S

Quant Time: Jan 08 07:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	626333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	972122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	453054	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	330500	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
35) Dibromofluoromethane	5.50	113	295799	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	1165395	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	412801	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	

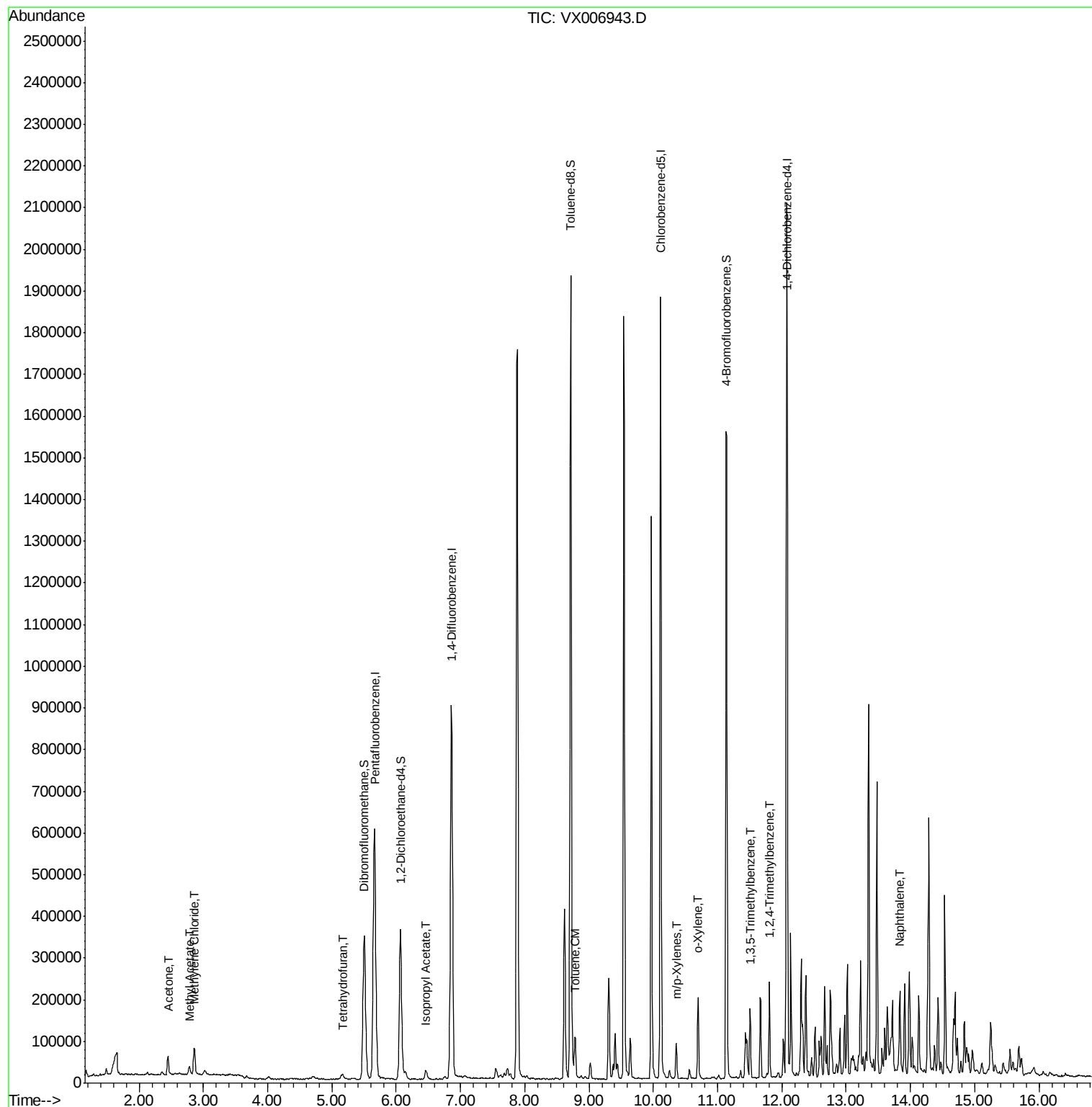
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	48899	15.767	ug/l	99
18) Methyl Acetate	2.78	43	26651	2.922	ug/l	95
20) Methylene Chloride	2.85	84	31513	4.914	ug/l	94
29) Tetrahydrofuran	5.16	42	11557	4.022	ug/l	93
43) Isopropyl Acetate	6.46	43	27685	2.171	ug/l	99
52) Toluene	8.79	92	35670	2.256	ug/l	97
68) m/p-Xylenes	10.36	106	21908	1.751	ug/l	97
69) o-Xylene	10.70	106	31058	2.513	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	73009	2.860	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	95862	3.570	ug/l	97
95) Naphthalene	13.83	128	123235	3.705	ug/l	96

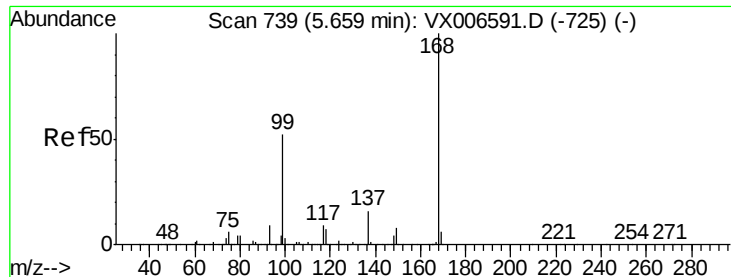
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

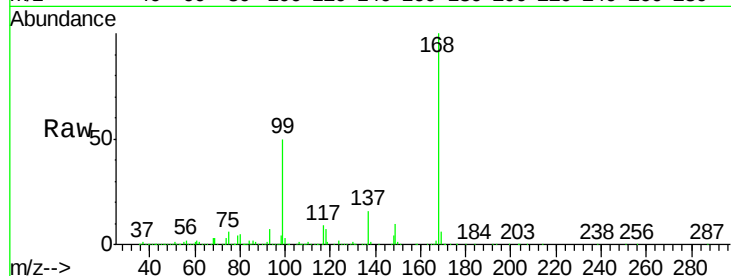
P-1419-S

Tot Ion:168 Resp: 626333

Ion Ratio Lower Upper

168 100

99 50.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

100000

50000

0

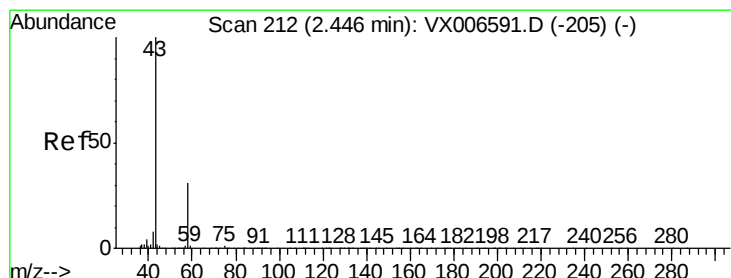
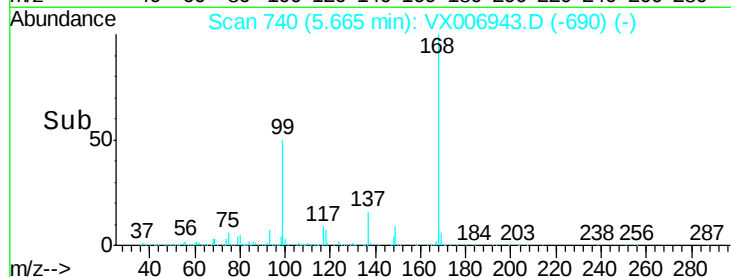
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 15.767 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006943.D

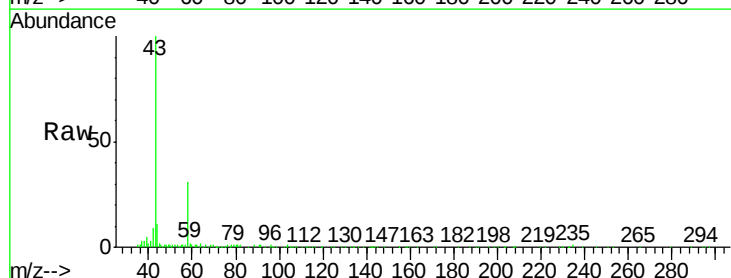
Acq: 07 Jan 2019 18:34

Tgt Ion: 43 Resp: 48899

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

20000

10000

0

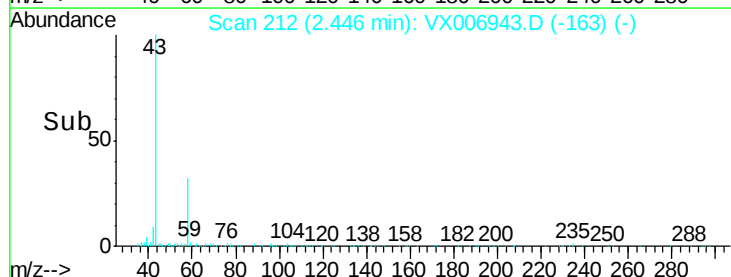
Time-->

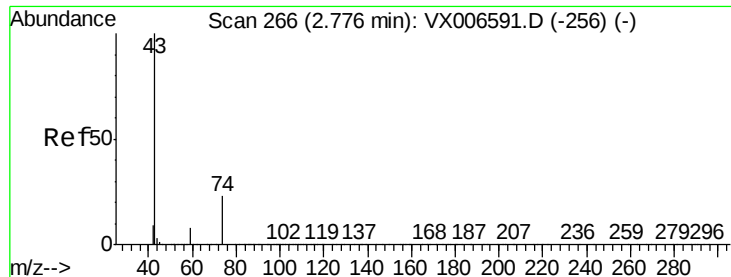
2.40

2.45

2.50

2.55





#18

Methyl Acetate

Concen: 2.922 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

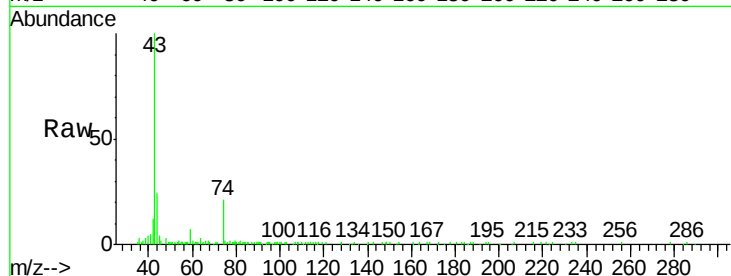
P-1419-S

Tot Ion: 43 Resp: 26651

Ion Ratio Lower Upper

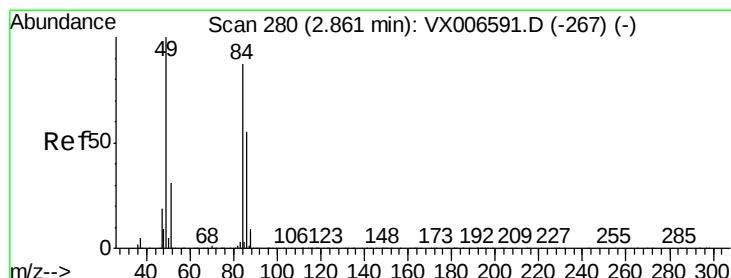
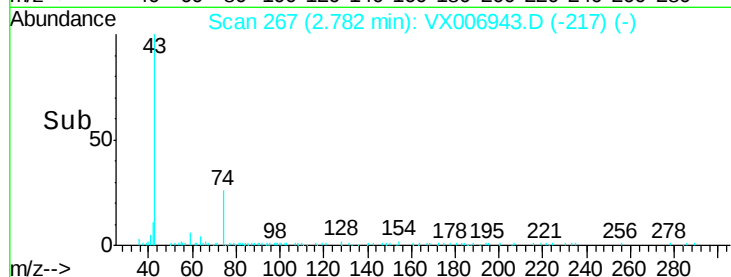
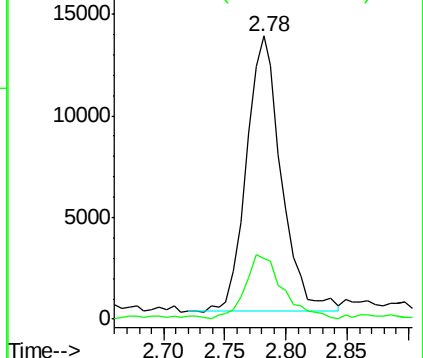
43 100

74 25.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 4.914 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Tgt Ion: 84 Resp: 31513

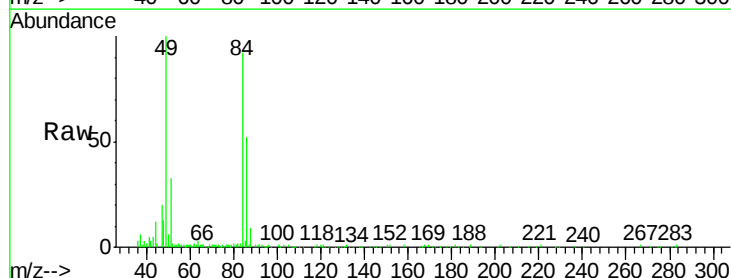
Ion Ratio Lower Upper

84 100

49 108.5 91.8 137.6

51 34.6 28.5 42.7

86 55.8 50.2 75.2

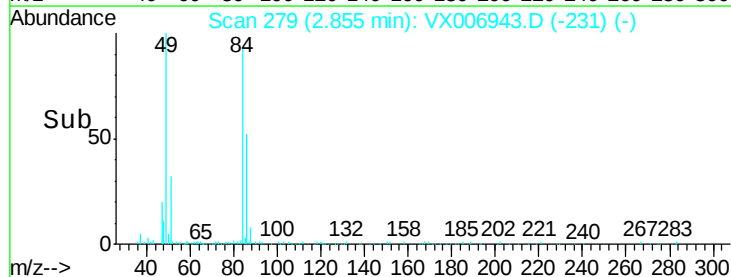
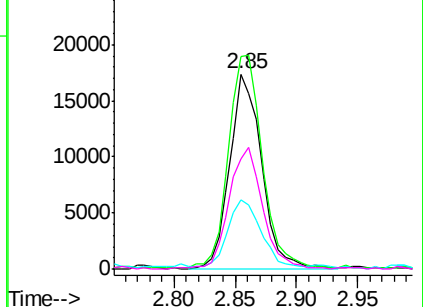


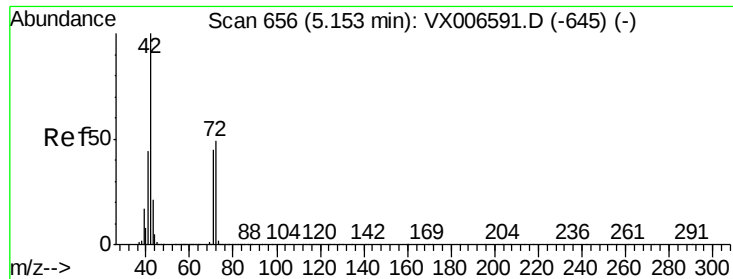
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

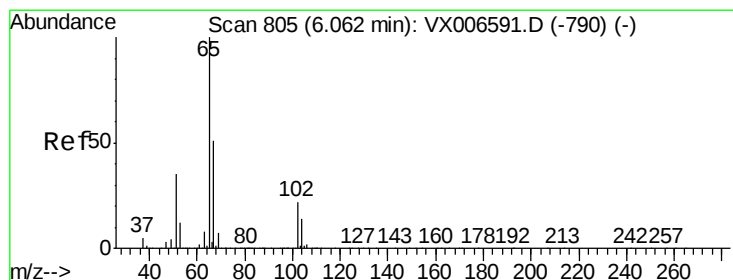
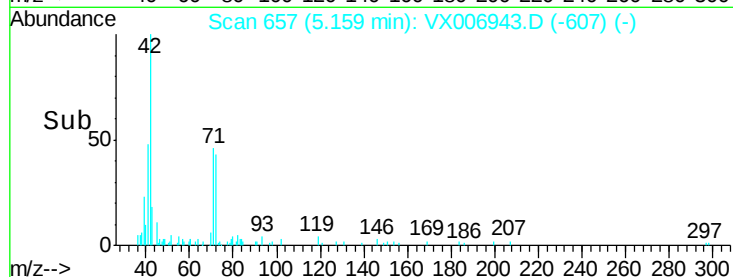
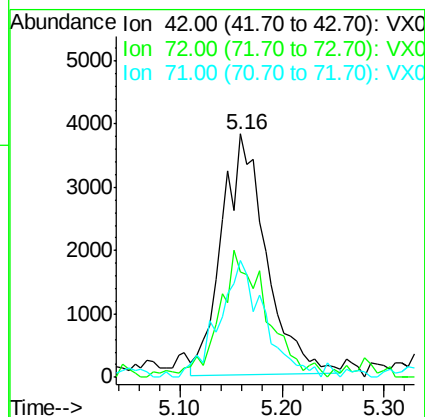
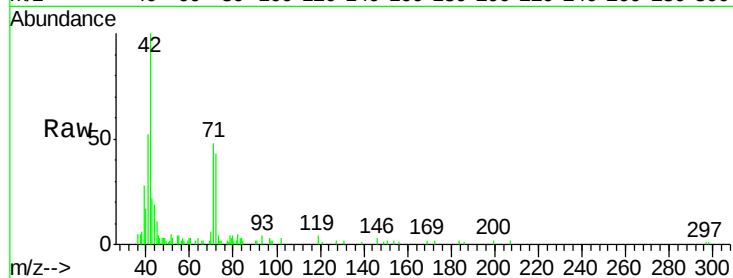




#29
Tetrahydrofuran
Concen: 4.022 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

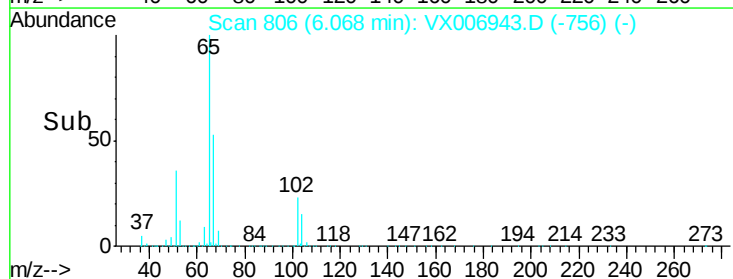
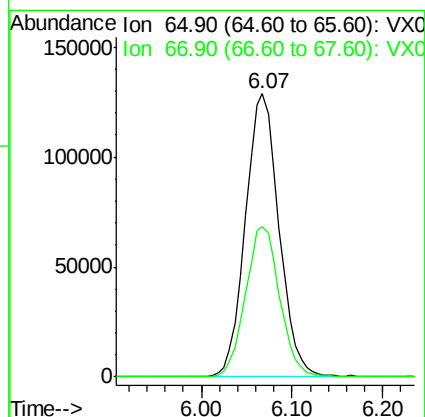
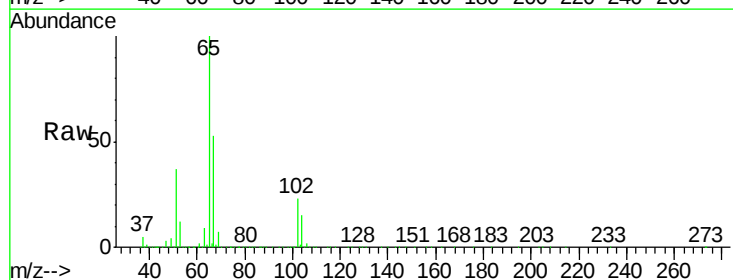
Instrument :
MSVOA_X
ClientSampled :
P-1419-S

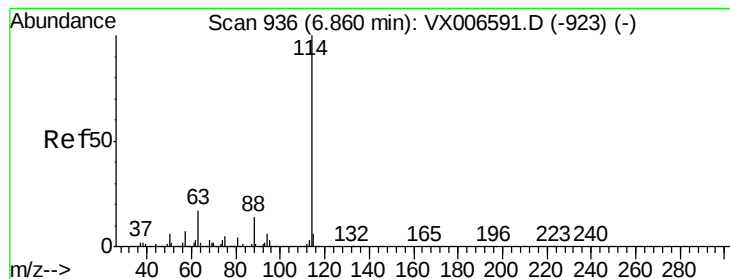
Tot Ion: 42 Resp: 11557
Ion Ratio Lower Upper
42 100
72 54.5 38.9 58.3
71 48.8 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 48.960 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion: 65 Resp: 330500
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

P-1419-S

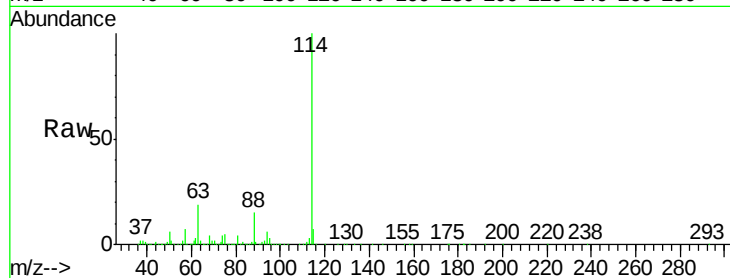
Tot Ion:114 Resp: 972122

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

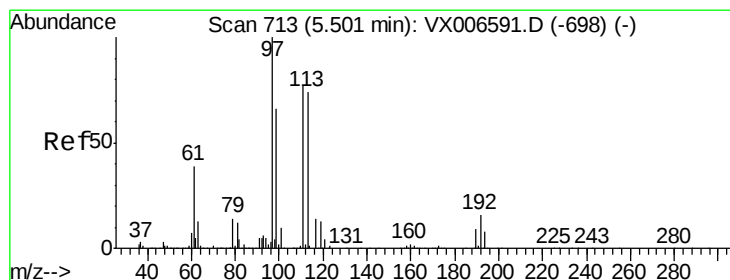
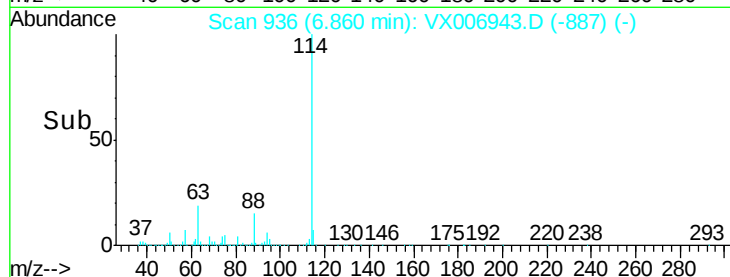
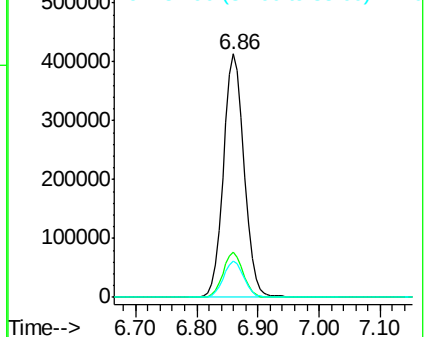
88 15.0 0.0 28.8



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: 48.117 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

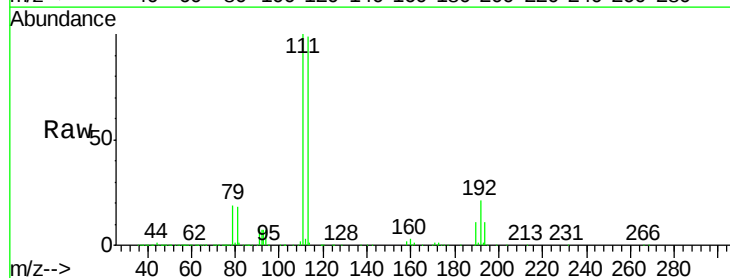
Tgt Ion:113 Resp: 295799

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

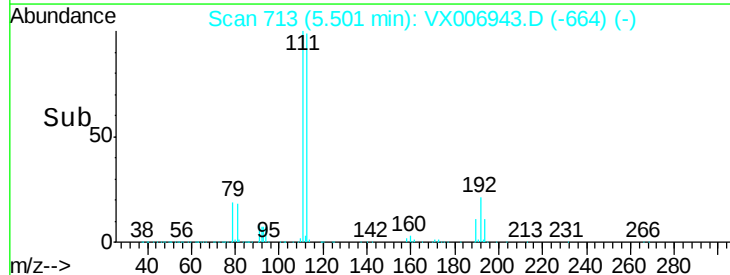
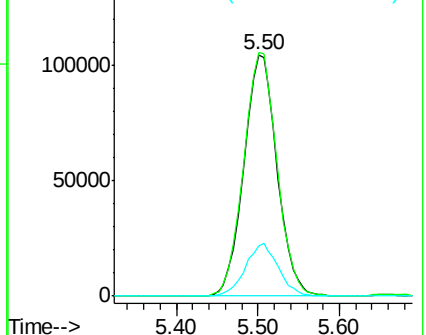
192 21.7 16.7 25.1

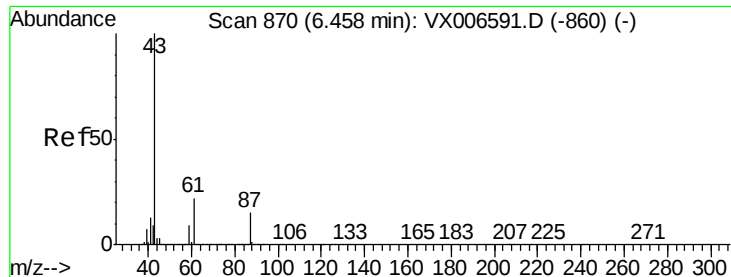


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.171 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

P-1419-S

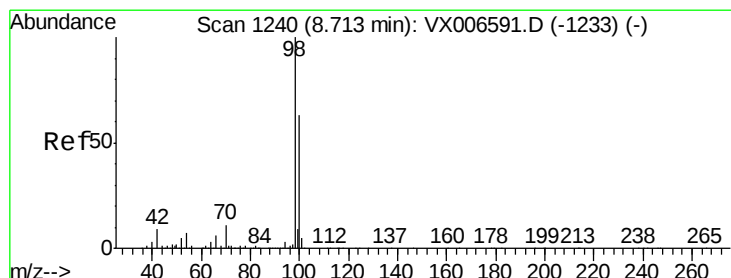
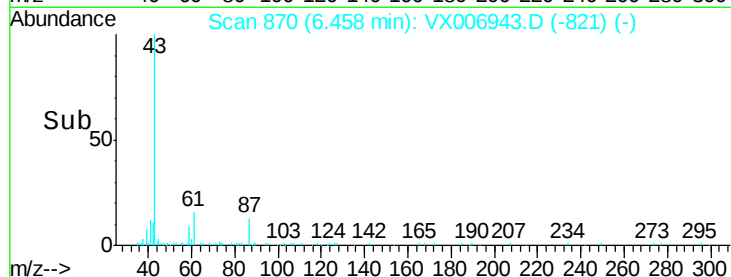
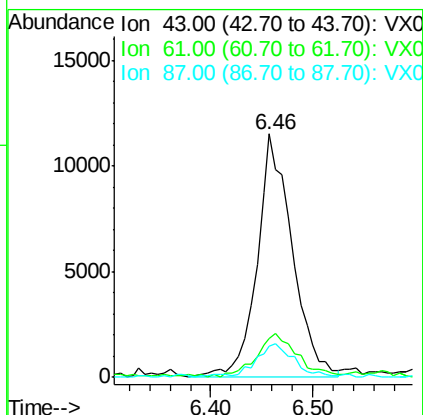
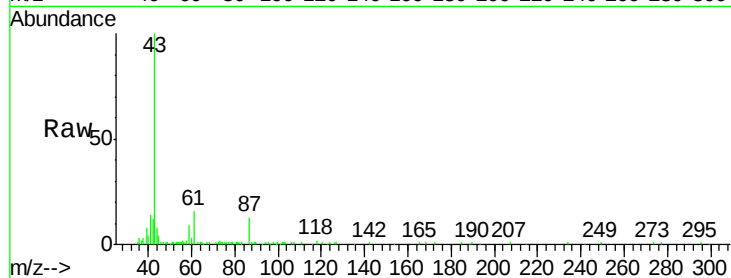
Tot Ion: 43 Resp: 27685

Ion Ratio Lower Upper

43 100

61 21.1 16.8 25.2

87 14.7 12.4 18.6



#50

Toluene-d8

Concen: 50.284 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006943.D

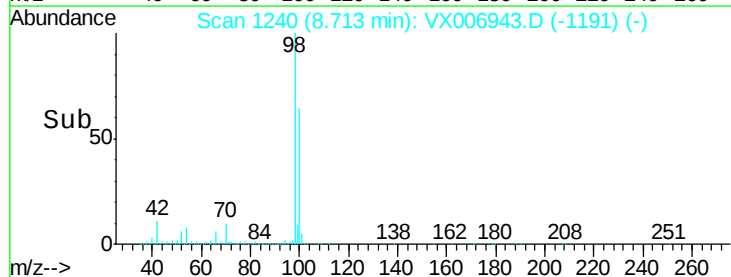
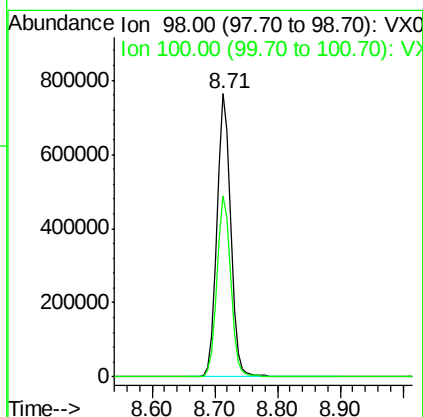
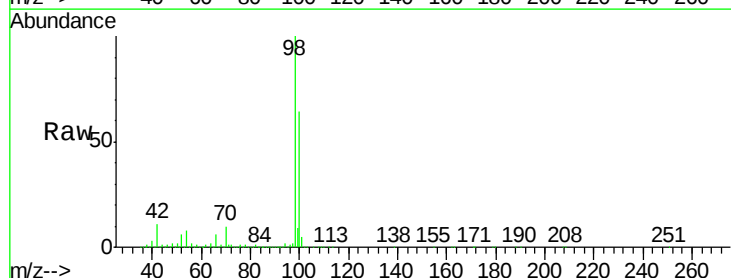
Acq: 07 Jan 2019 18:34

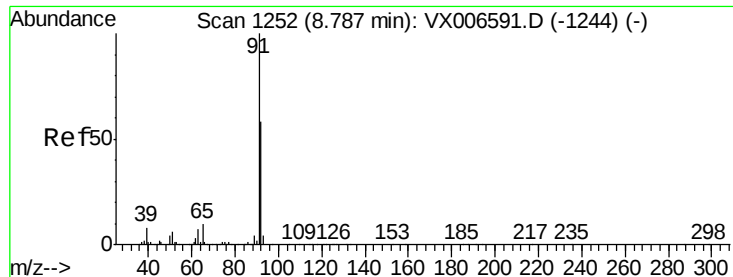
Tgt Ion: 98 Resp: 1165395

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#52

Toluene

Concen: 2.256 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

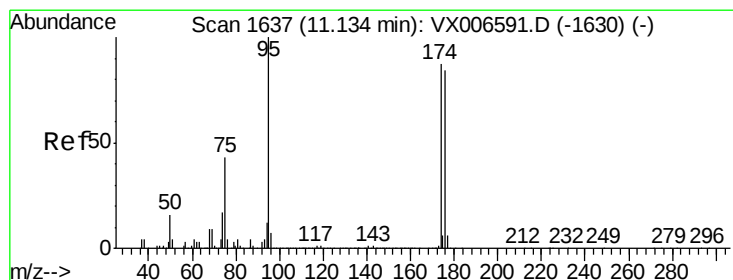
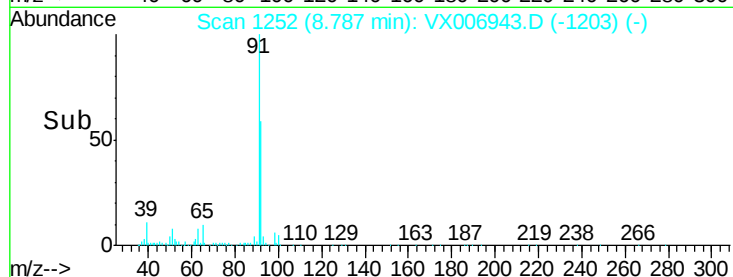
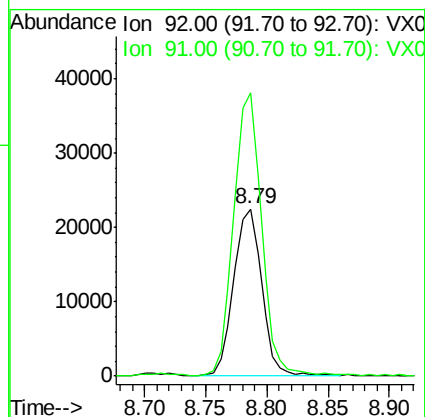
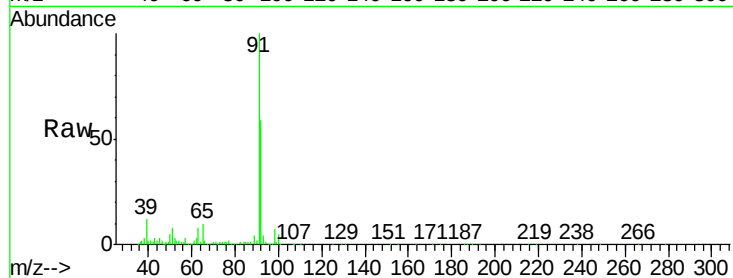
P-1419-S

Tot Ion: 92 Resp: 35670

Ion Ratio Lower Upper

92 100

91 167.9 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 48.633 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006943.D

Acq: 07 Jan 2019 18:34

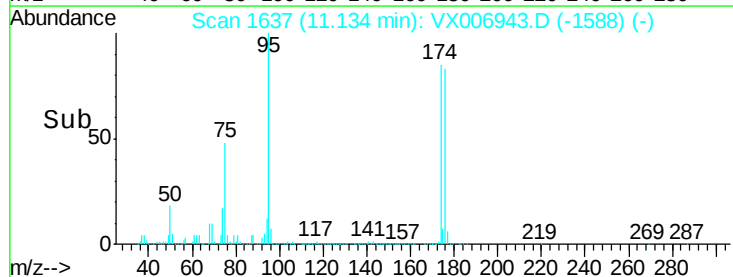
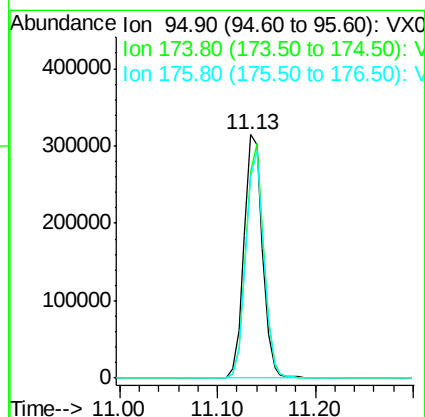
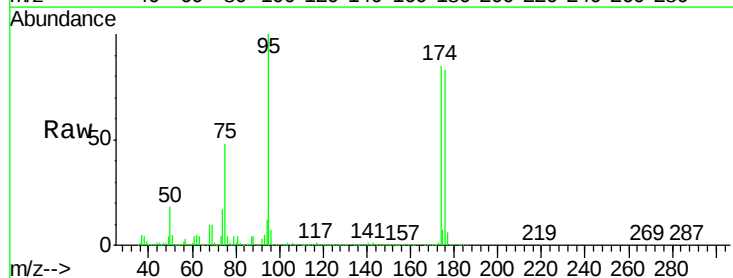
Tgt Ion: 95 Resp: 412801

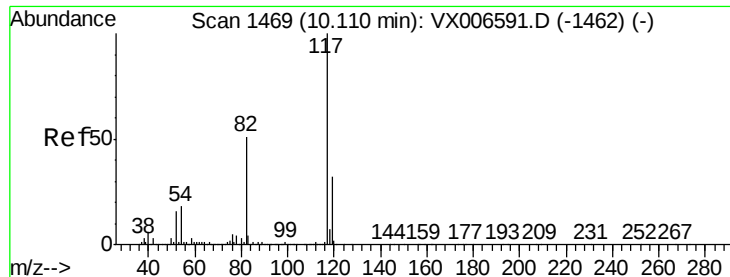
Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 90.8 0.0 178.8

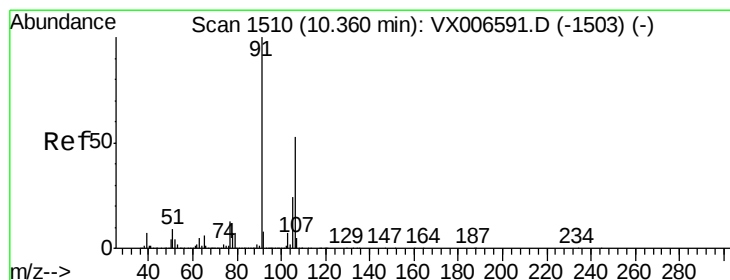
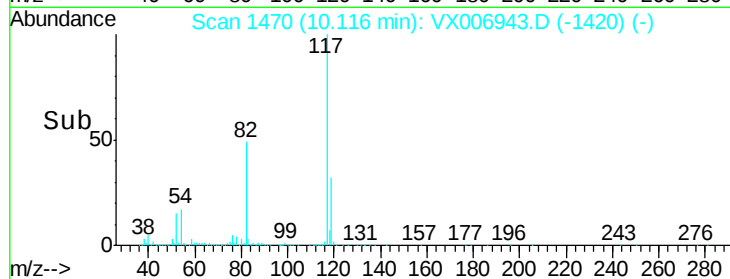
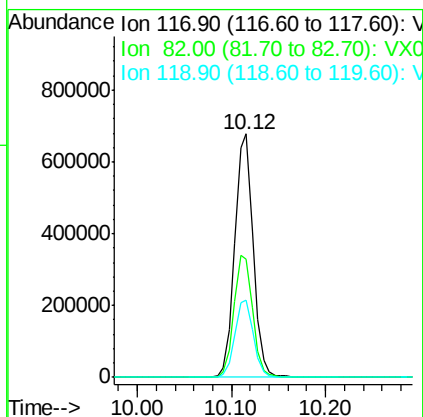
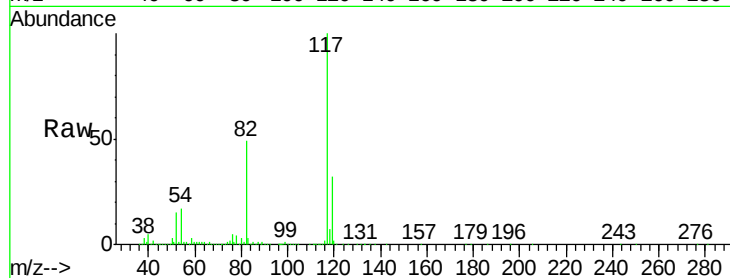




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

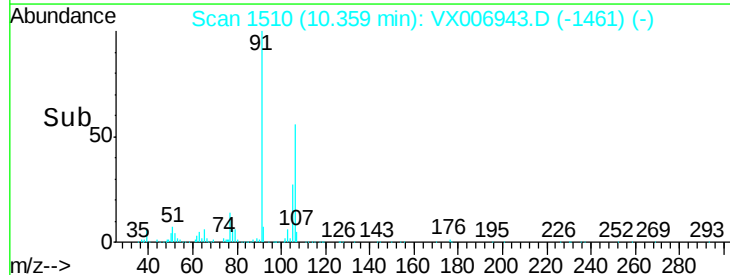
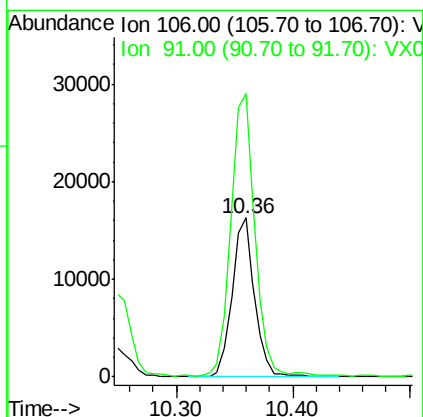
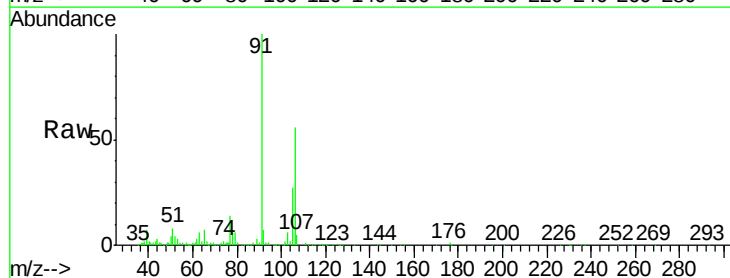
Instrument :
MSVOA_X
ClientSampleId :
P-1419-S

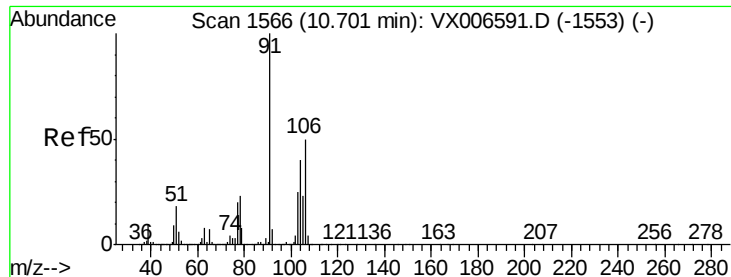
Tot Ion:117 Resp: 917338
Ion Ratio Lower Upper
117 100
82 48.7 41.0 61.6
119 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 1.751 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion:106 Resp: 21908
Ion Ratio Lower Upper
106 100
91 190.5 155.8 233.6

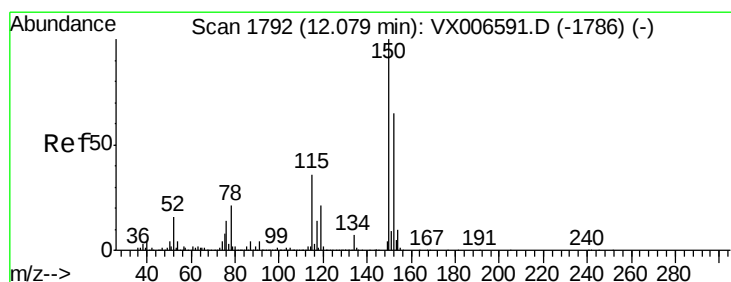
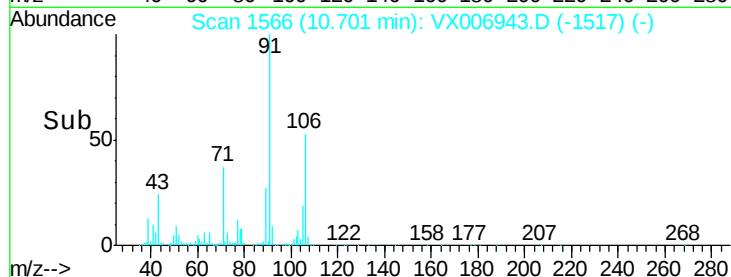
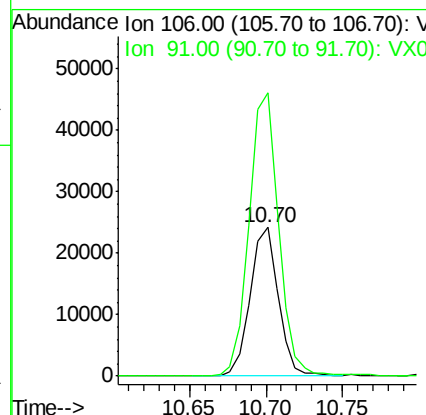
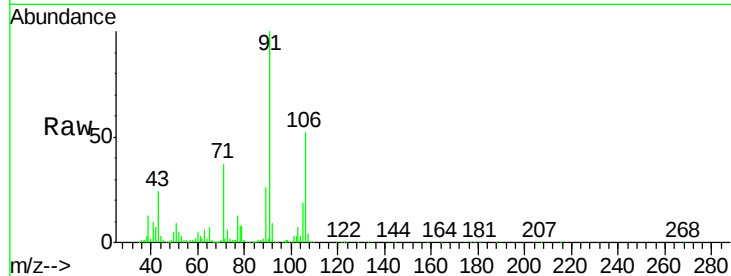




#69
o-Xylene
Concen: 2.513 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

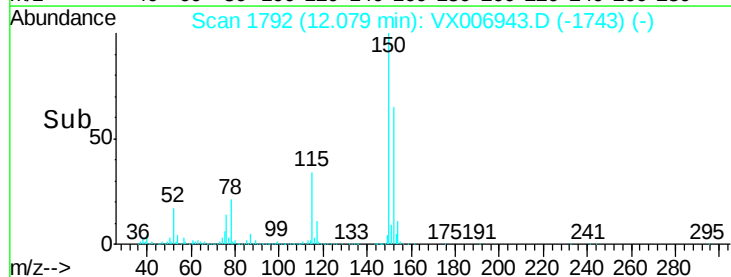
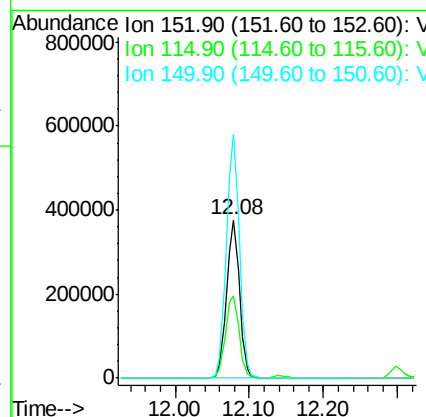
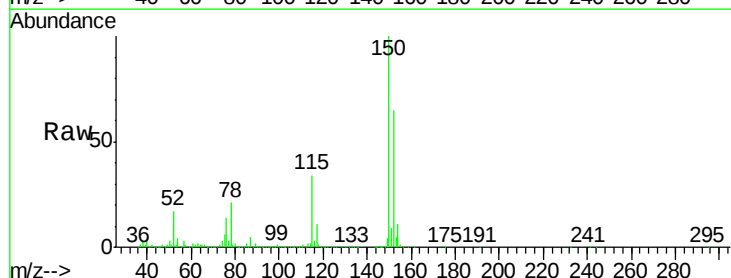
Instrument :
MSVOA_X
ClientSampled :
P-1419-S

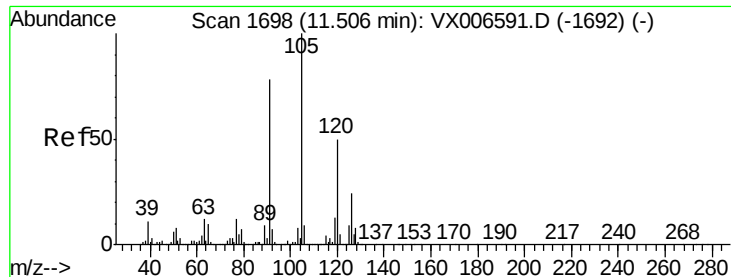
Tot Ion:106 Resp: 31058
Ion Ratio Lower Upper
106 100
91 199.8 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Tgt Ion:152 Resp: 453054
Ion Ratio Lower Upper
152 100
115 54.4 39.1 117.2
150 155.7 0.0 344.8

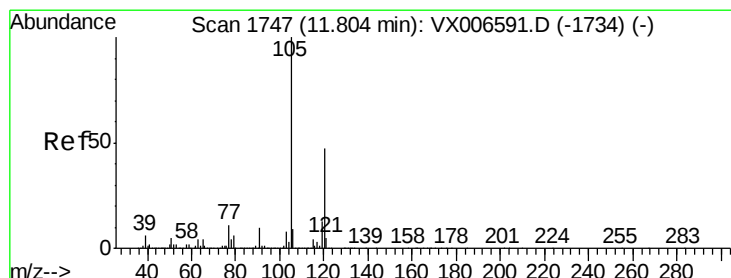
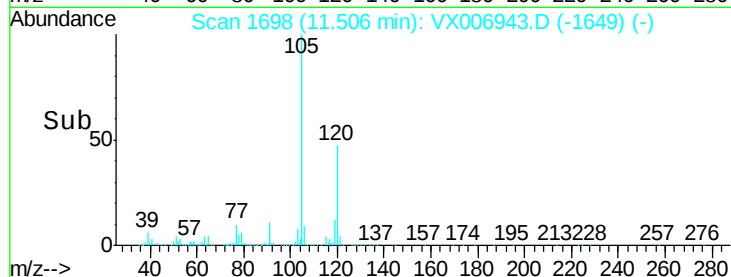
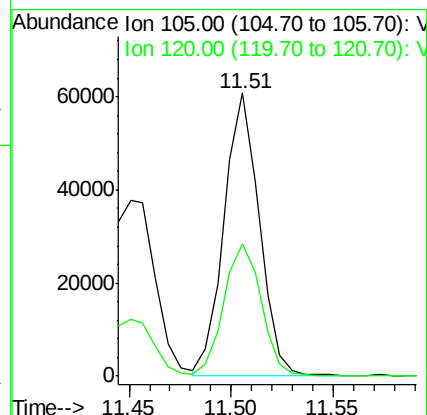
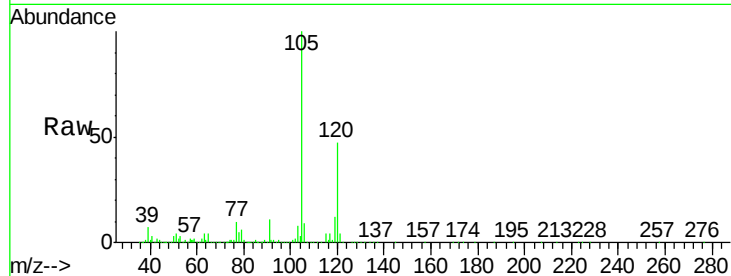




#80
 1,3,5-Trimethylbenzene
 Concen: 2.860 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

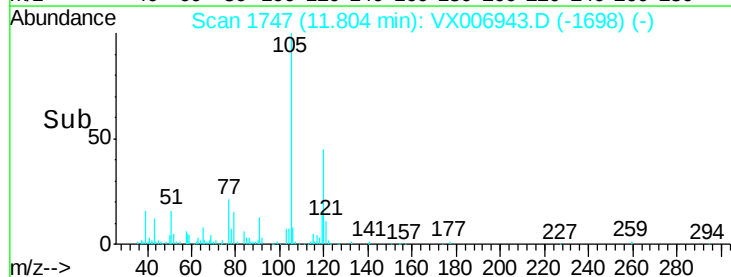
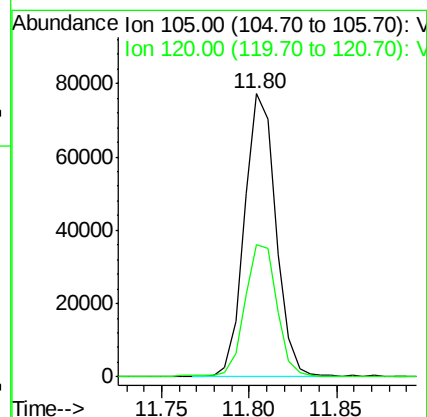
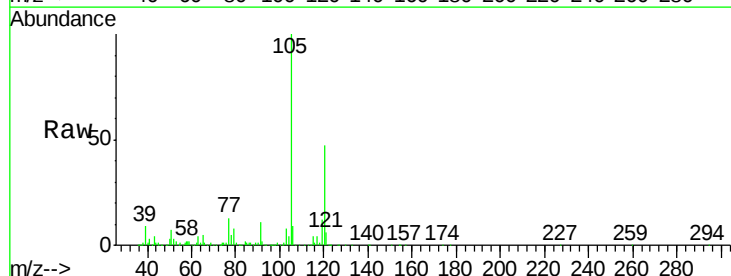
Instrument :
 MSVOA_X
 ClientSampleId :
 P-1419-S

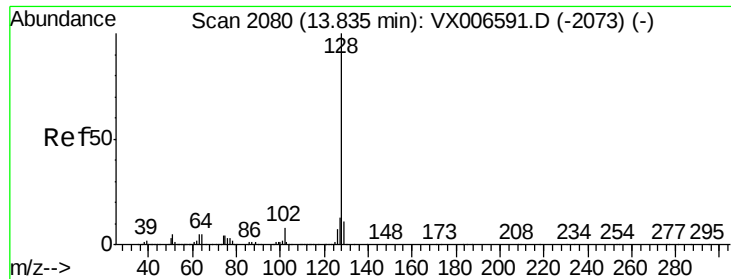
Tot Ion:105 Resp: 73009
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.3



#84
 1,2,4-Trimethylbenzene
 Concen: 3.570 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006943.D
 Acq: 07 Jan 2019 18:34

Tgt Ion:105 Resp: 95862
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.2 69.6

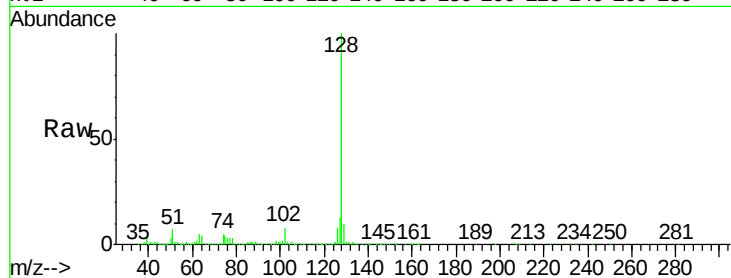




#95
Naphthalene
Concen: 3.705 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006943.D
Acq: 07 Jan 2019 18:34

Instrument :
MSVOA_X
ClientSampleId :
P-1419-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.1	15.1
129	12.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

