

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009986.D
 Acq On : 31 May 2019 15:37
 Operator : JC/SP
 Sample : K2964-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: May 31 16:15:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124950	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	127682	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	91953	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.71	98	389390	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	137658	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

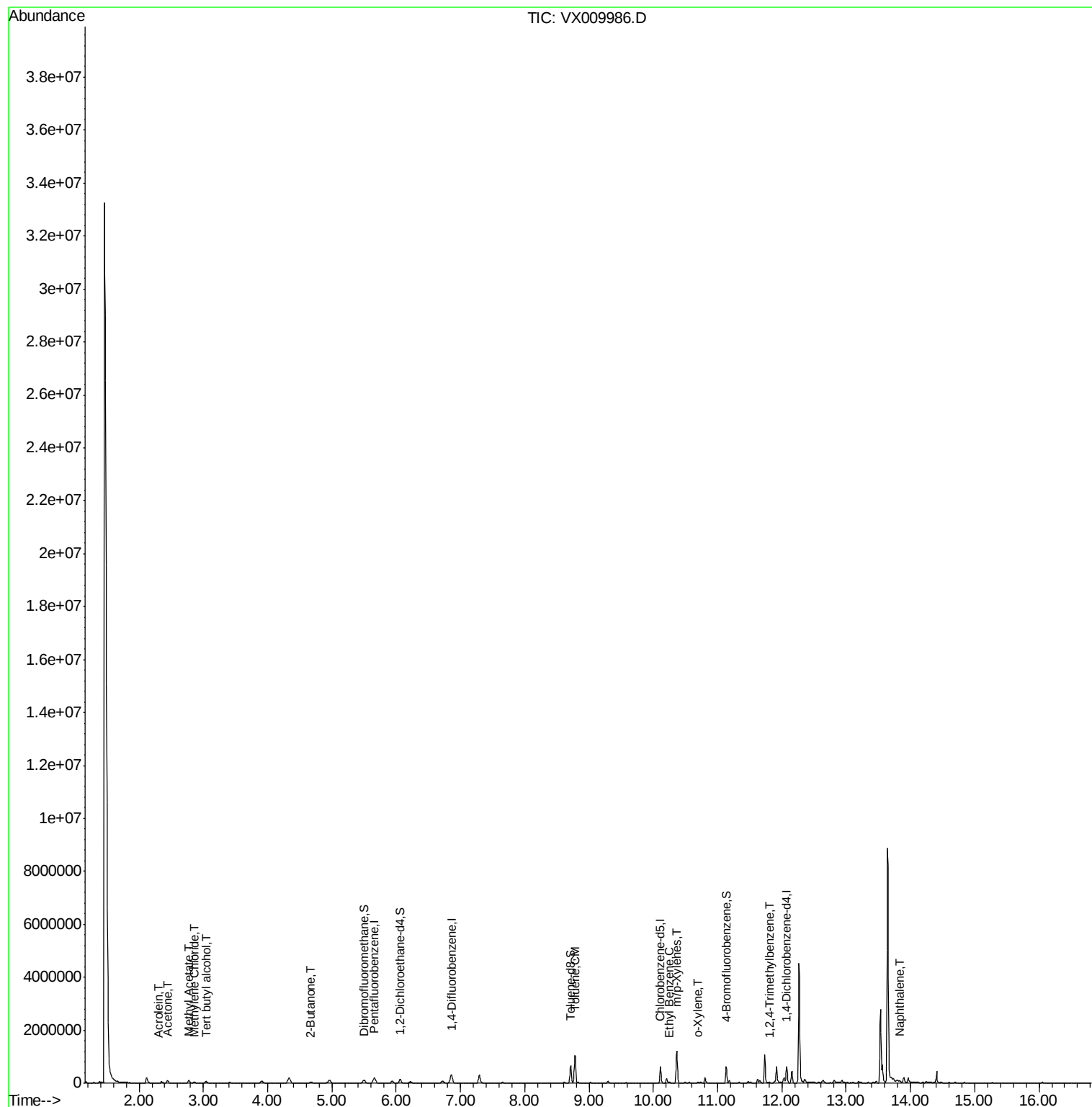
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.04	59	64588	98.512	ug/l	99
13) Acrolein	2.30	56	2193	25.418	ug/l	96
16) Acetone	2.44	43	103440	67.201	ug/l	99
18) Methyl Acetate	2.77	43	128774	35.954	ug/l	98
20) Methylene Chloride	2.85	84	21729	9.218	ug/l	98
25) 2-Butanone	4.67	43	48739	20.324	ug/l	99
52) Toluene	8.78	92	388291	69.635	ug/l	98
67) Ethyl Benzene	10.25	91	10483	1.005	ug/l	96
68) m/p-Xylenes	10.36	106	20467	5.311	ug/l	98
69) o-Xylene	10.69	106	7999	2.164	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	11236	1.425	ug/l	90
95) Naphthalene	13.83	128	21145	2.306	ug/l	96

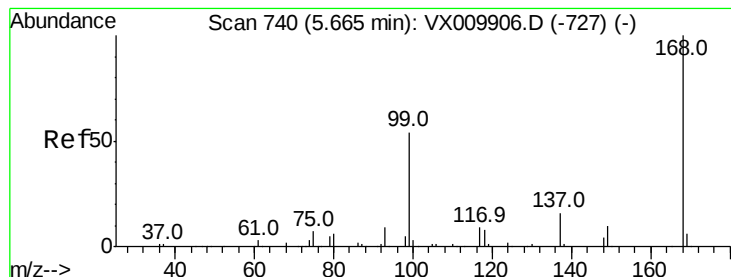
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053119\
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Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Quant Time: May 31 16:15:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

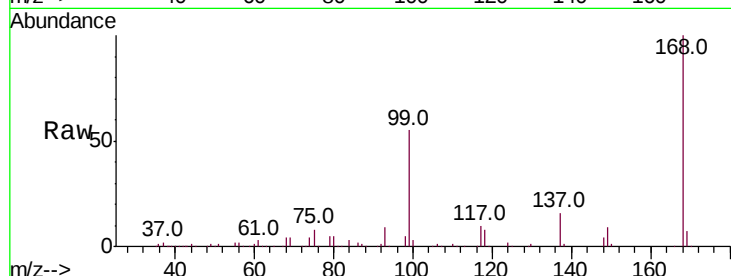
COMP-3

Tot Ion:168 Resp: 188598

Ion Ratio Lower Upper

168 100

99 54.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

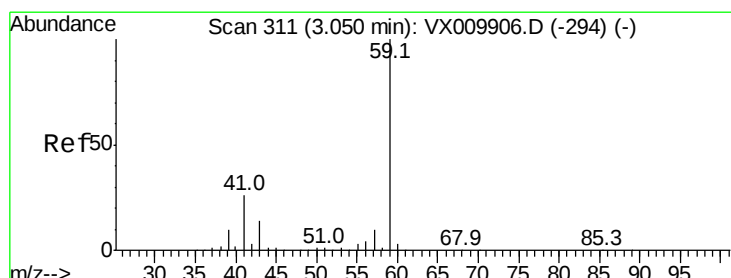
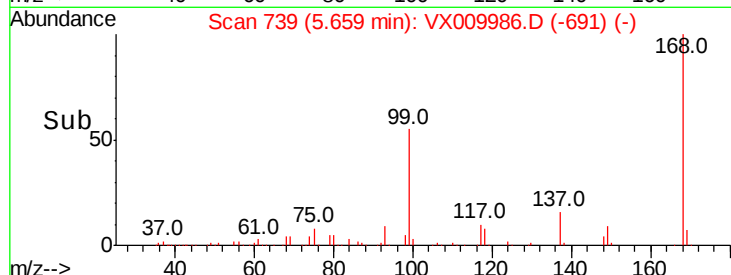
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 98.512 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009986.D

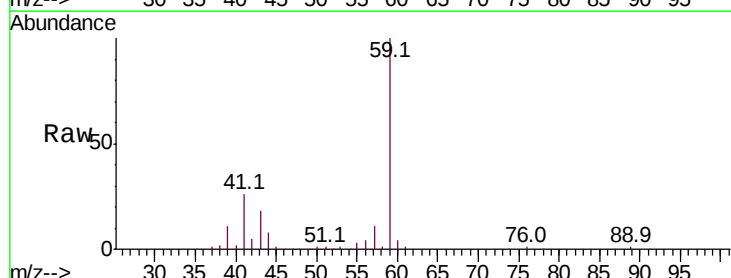
Acq: 31 May 2019 15:37

Tgt Ion: 59 Resp: 64588

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

30000

25000

20000

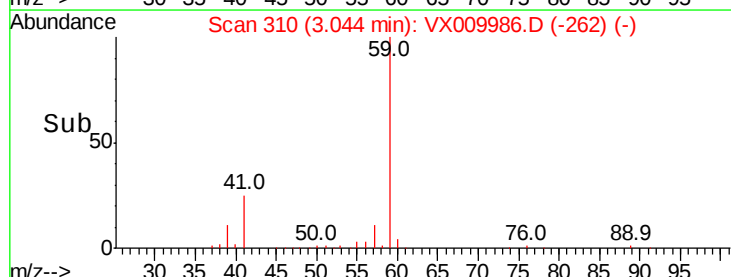
15000

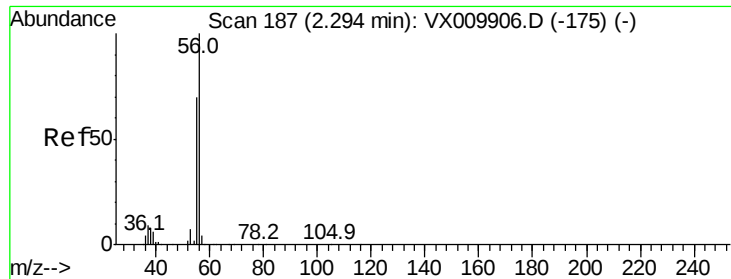
10000

5000

0

Time--> 2.90 3.00 3.10





#13

Acrolein

Concen: 25.418 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

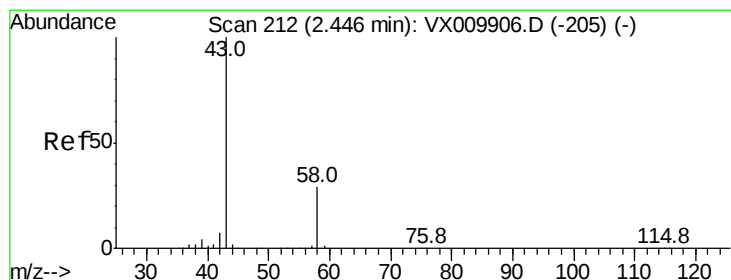
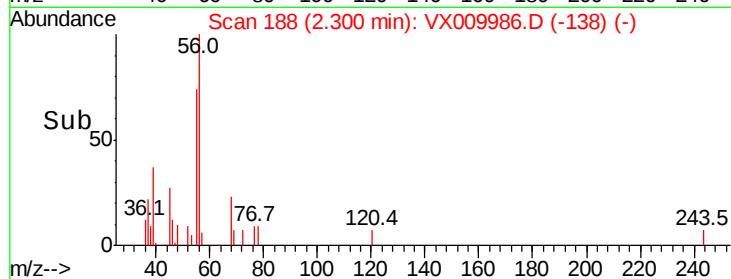
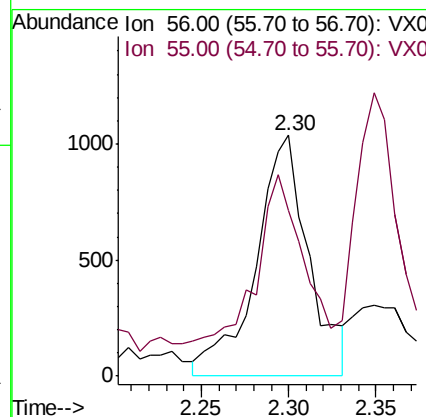
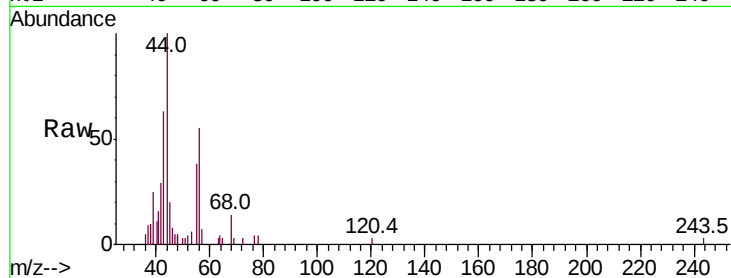
COMP-3

Tot Ion: 56 Resp: 2193

Ion Ratio Lower Upper

56 100

55 68.0 57.0 85.4



#16

Acetone

Concen: 67.201 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009986.D

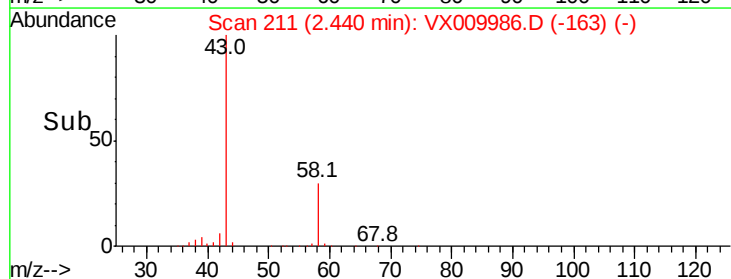
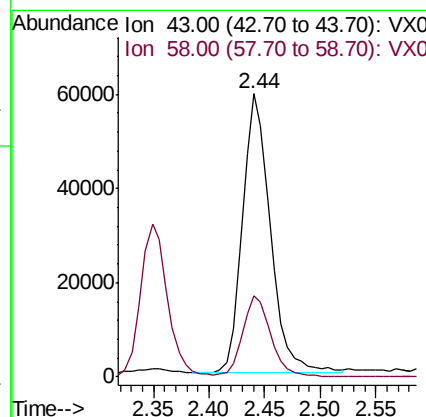
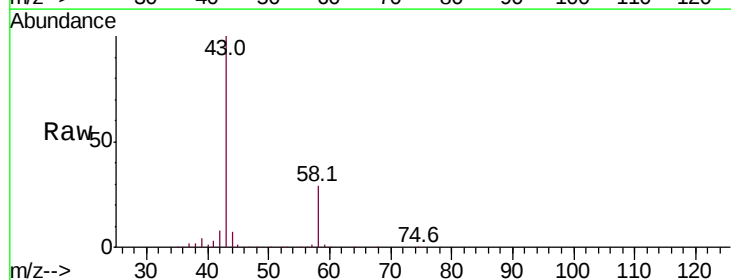
Acq: 31 May 2019 15:37

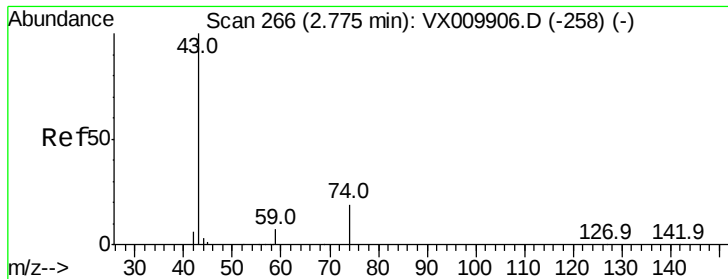
Tgt Ion: 43 Resp: 103440

Ion Ratio Lower Upper

43 100

58 28.7 23.2 34.8

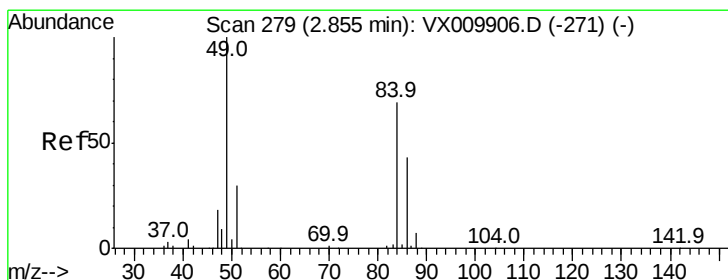
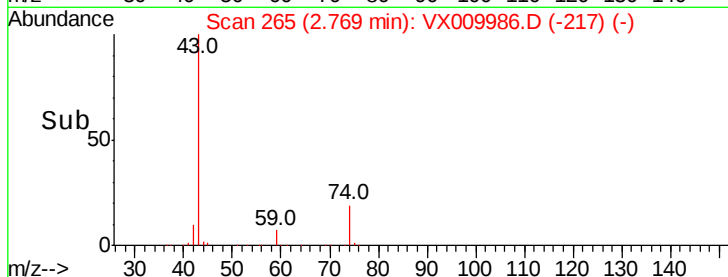
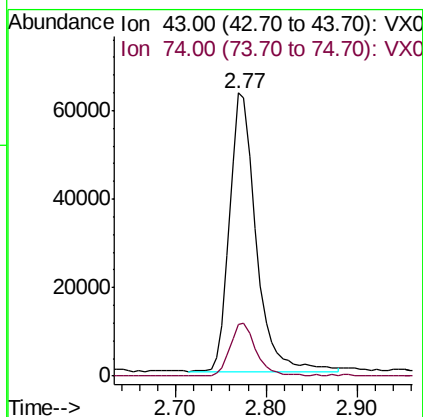
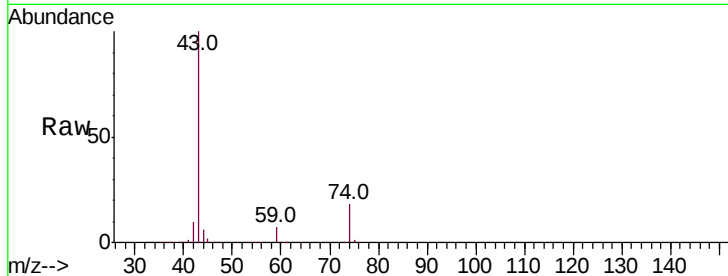




#18
Methvl Acetate
Concen: 35.954 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

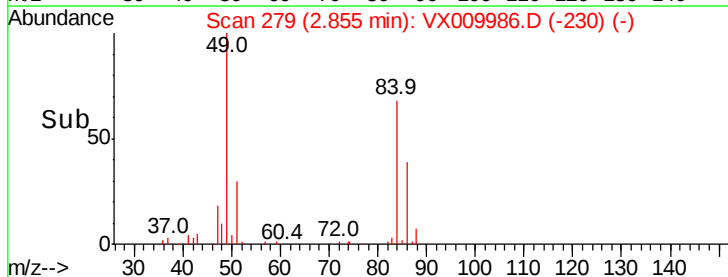
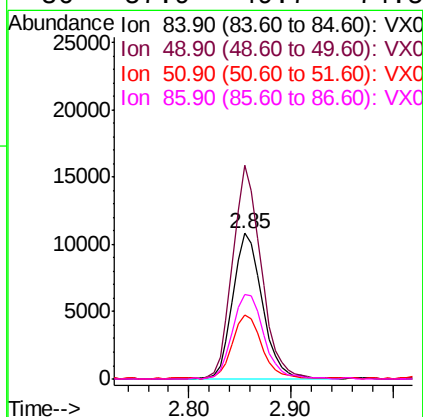
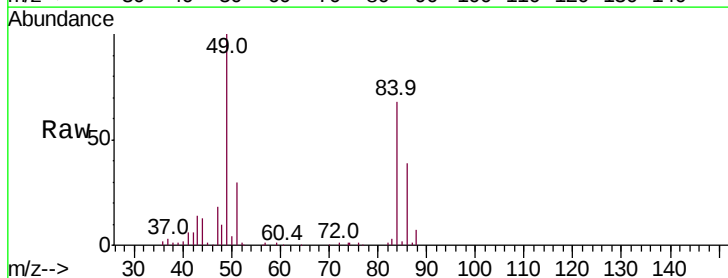
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

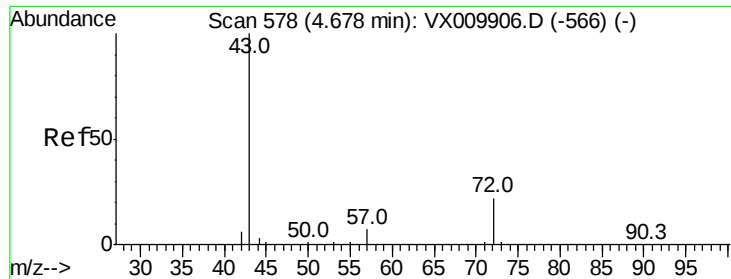
Tot Ion: 43 Resp: 128774
Ion Ratio Lower Upper
43 100
74 18.6 15.8 23.6



#20
Methylene Chloride
Concen: 9.218 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 84 Resp: 21729
Ion Ratio Lower Upper
84 100
49 146.3 115.8 173.6
51 43.2 34.4 51.6
86 57.9 49.7 74.5





#25

2-Butanone

Concen: 20.324 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

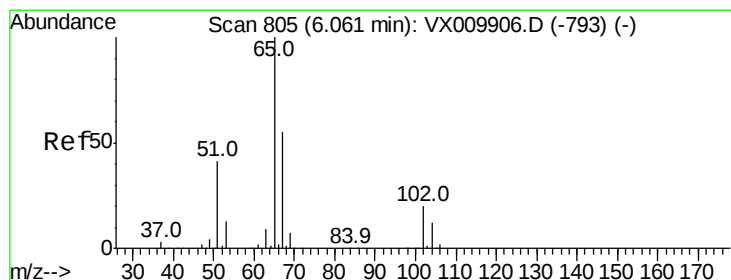
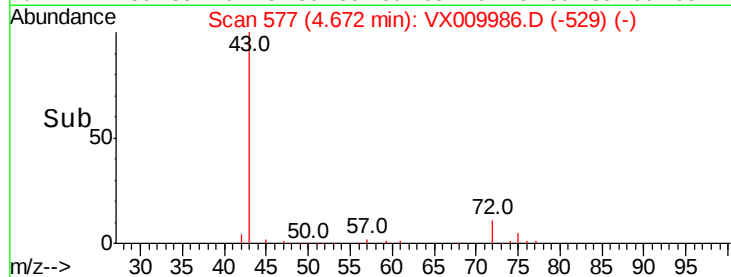
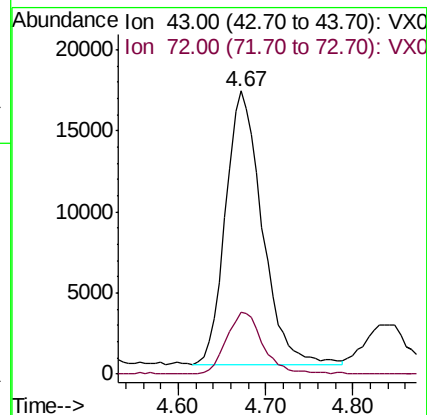
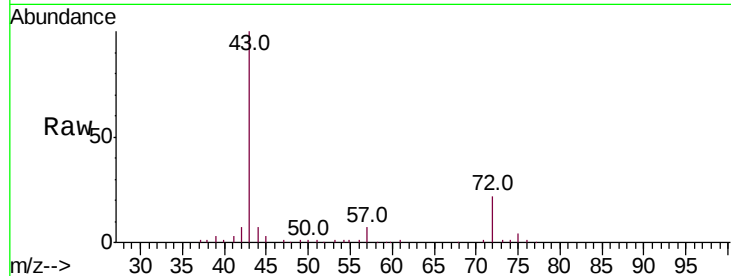
COMP-3

Tot Ion: 43 Resp: 48739

Ion Ratio Lower Upper

43 100

72 22.5 17.5 26.3



#33

1,2-Dichloroethane-d4

Concen: 47.927 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009986.D

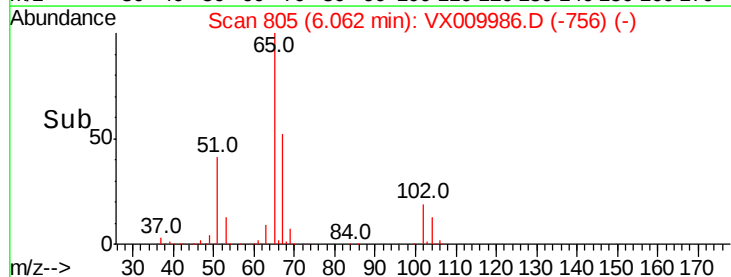
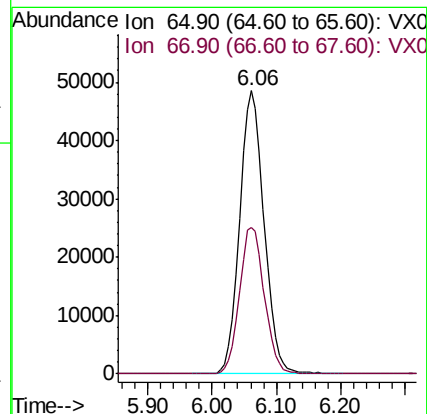
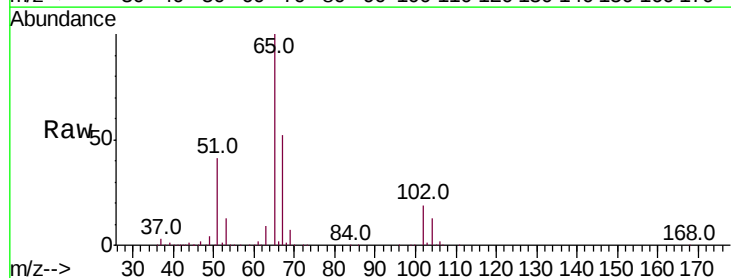
Acq: 31 May 2019 15:37

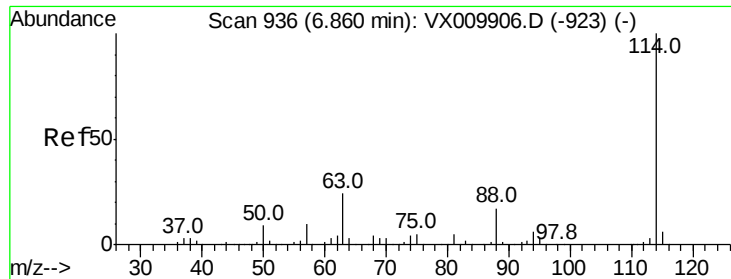
Tgt Ion: 65 Resp: 127682

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4

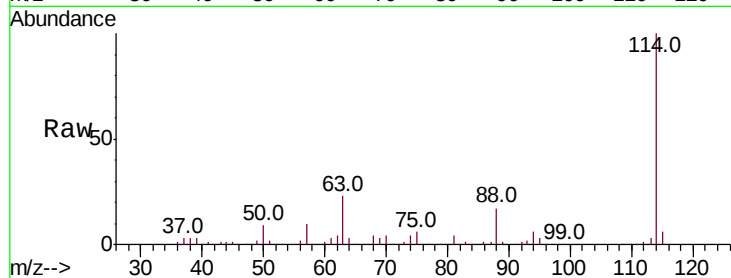




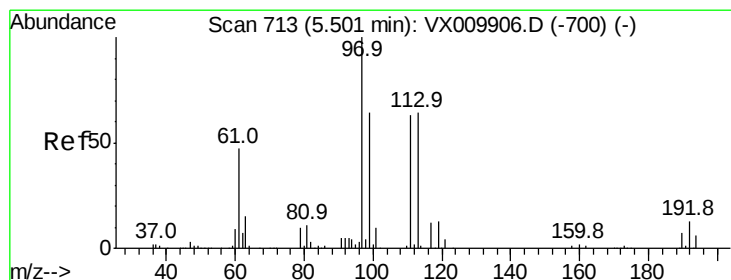
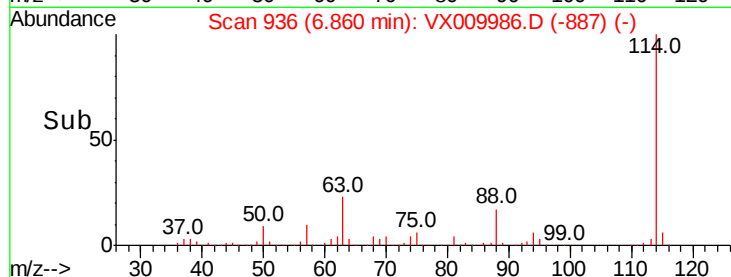
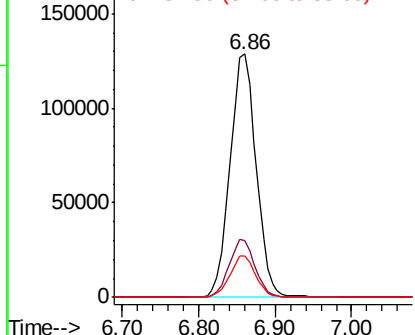
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Tot Ion:114 Resp: 305132
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.4
 88 17.2 0.0 33.0

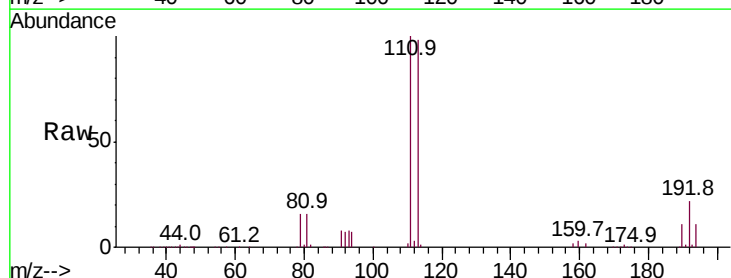


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

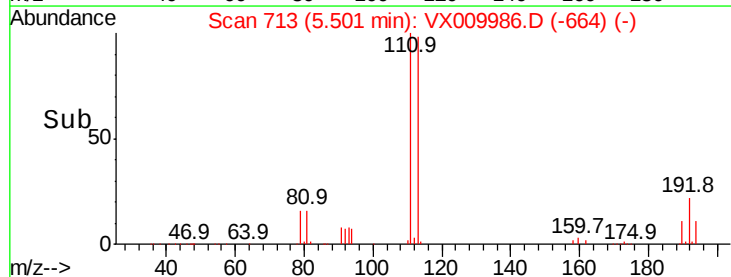
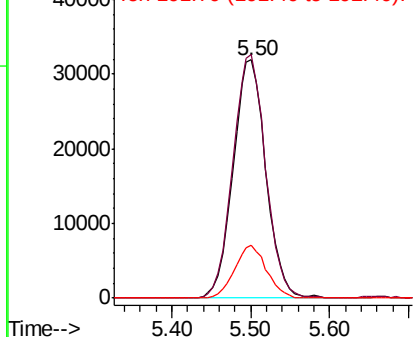


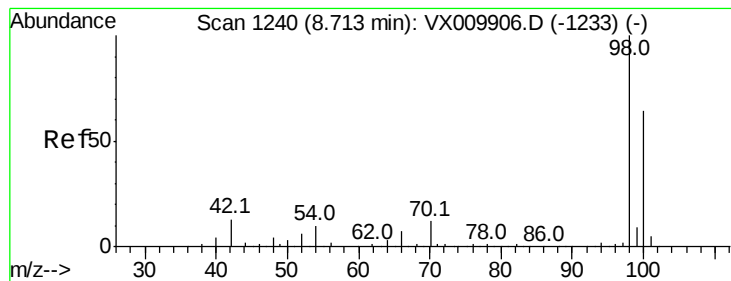
#35
 Dibromofluoromethane
 Concen: 47.933 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

Tgt Ion:113 Resp: 91953
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 21.6 17.1 25.7



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





#50

Toluene-d8

Concen: 49.985 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

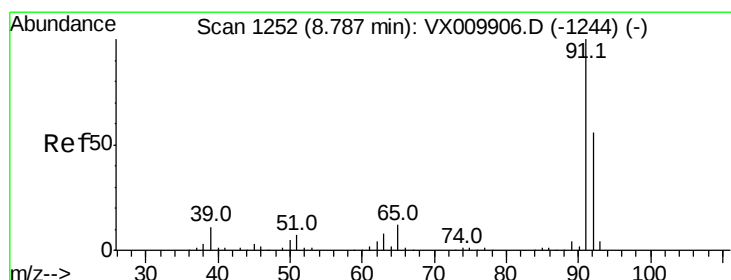
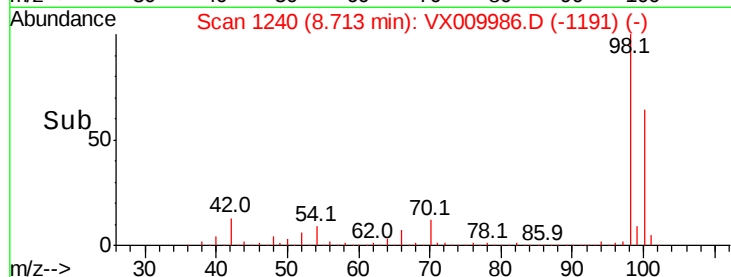
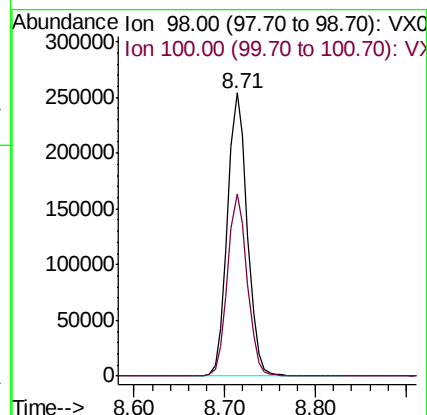
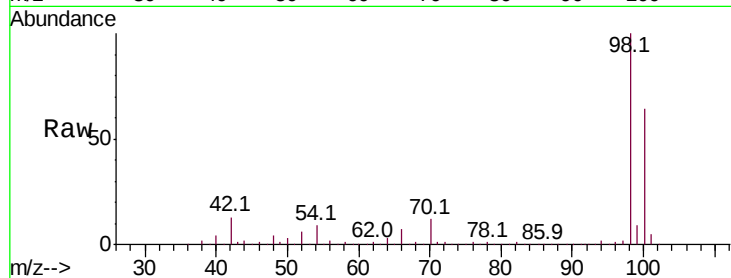
COMP-3

Tot Ion: 98 Resp: 389390

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#52

Toluene

Concen: 69.635 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009986.D

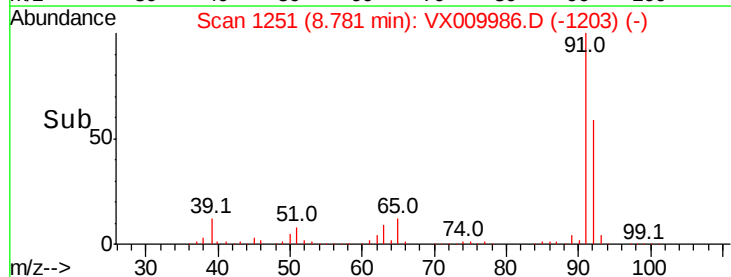
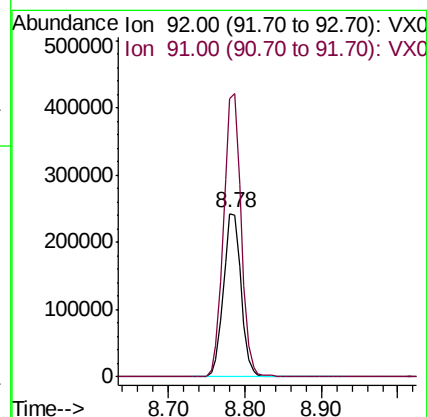
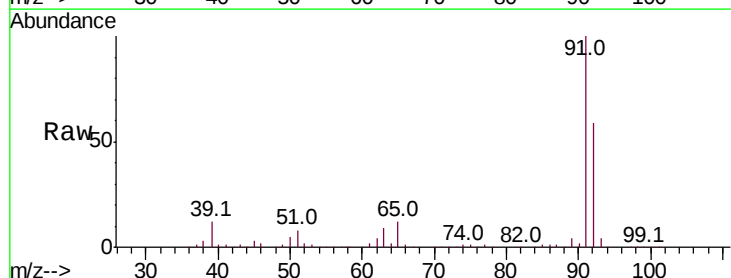
Acq: 31 May 2019 15:37

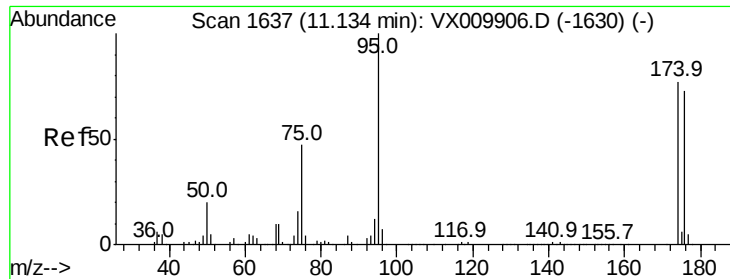
Tgt Ion: 92 Resp: 388291

Ion Ratio Lower Upper

92 100

91 172.8 139.9 209.9

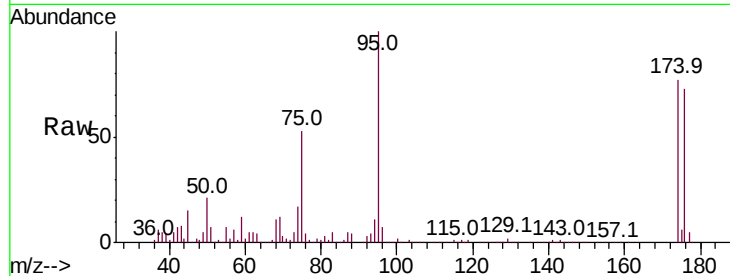




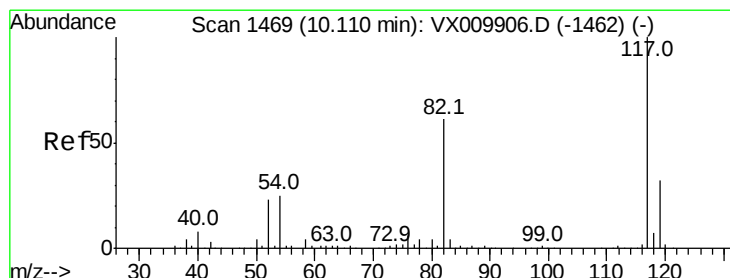
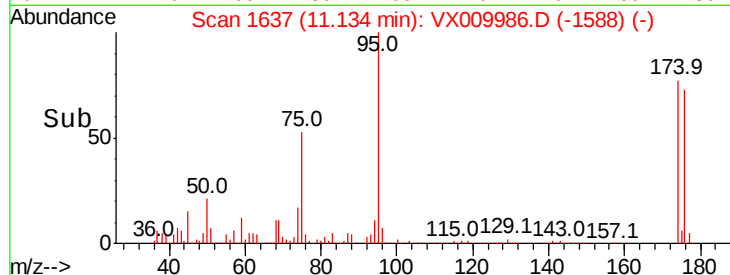
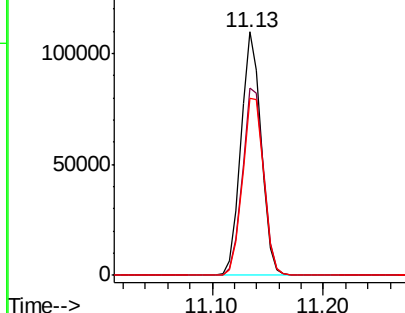
#62
4-Bromofluorobenzene
Concen: 49.198 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Instrument :
MSVOA_X
ClientSampled :
COMP-3

Tot Ion: 95 Resp: 137658
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.4
176 76.9 0.0 154.6

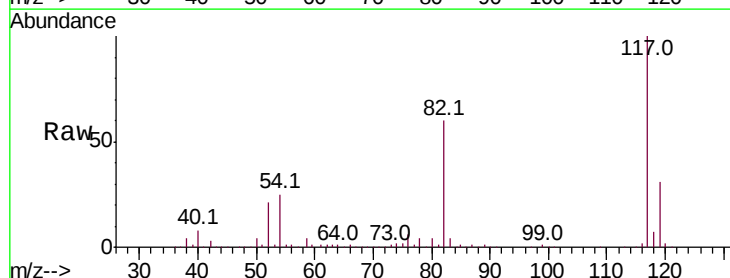


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

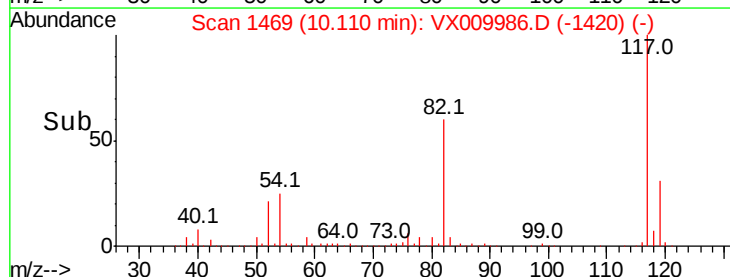
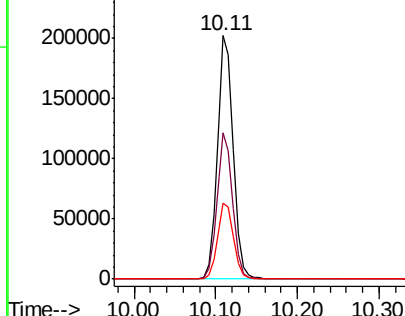


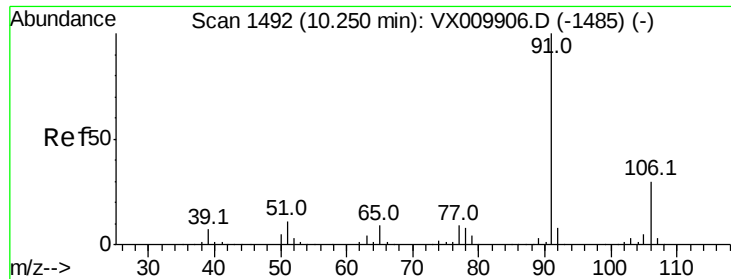
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 117 Resp: 277510
Ion Ratio Lower Upper
117 100
82 60.2 49.2 73.8
119 31.0 25.2 37.8



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

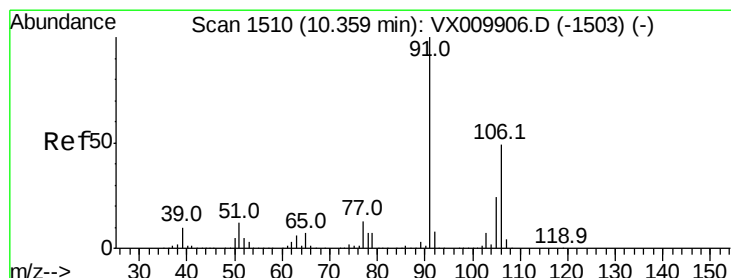
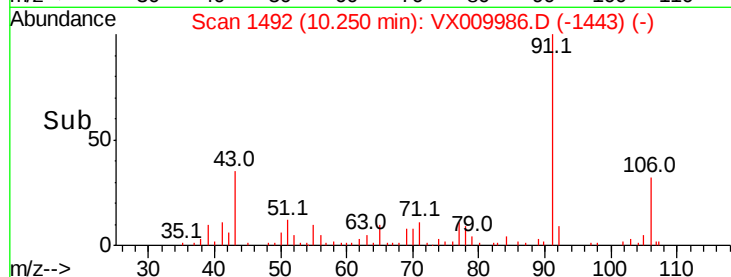
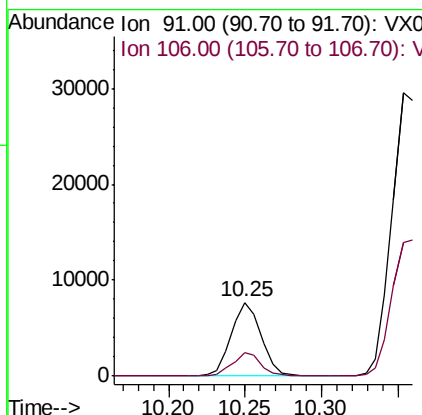
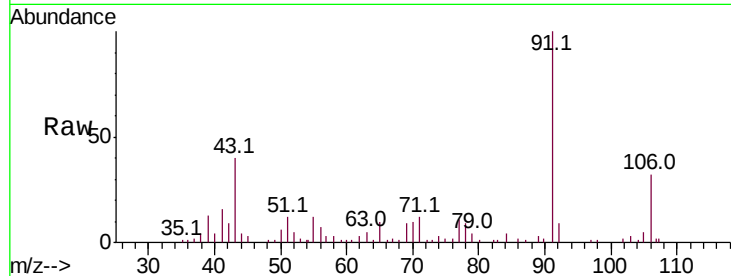




#67
Ethyl Benzene
Concen: 1.005 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

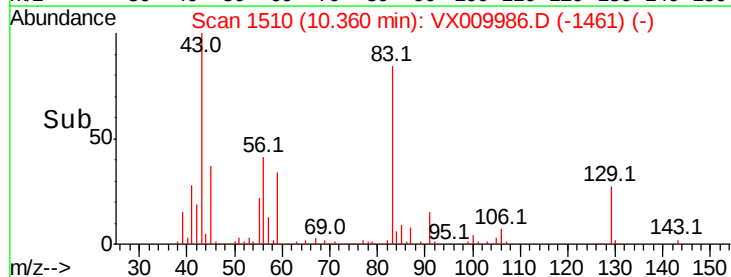
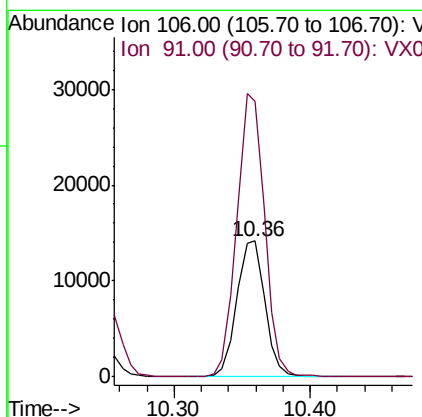
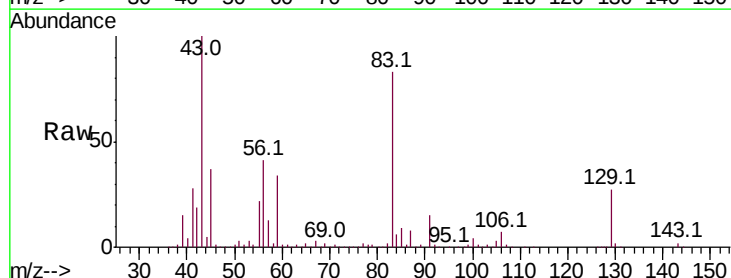
Instrument :
MSVOA_X
ClientSampled :
COMP-3

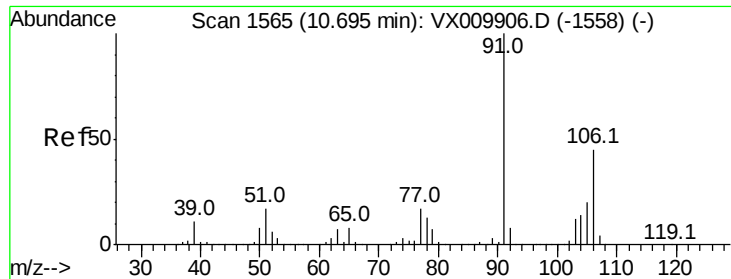
Tot Ion: 91 Resp: 10483
Ion Ratio Lower Upper
91 100
106 32.1 23.9 35.9



#68
m/p-Xylenes
Concen: 5.311 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 106 Resp: 20467
Ion Ratio Lower Upper
106 100
91 205.9 167.3 250.9

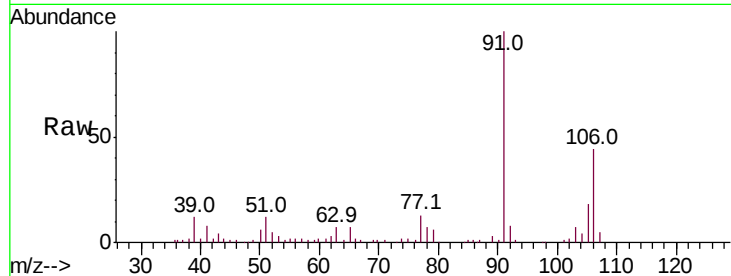




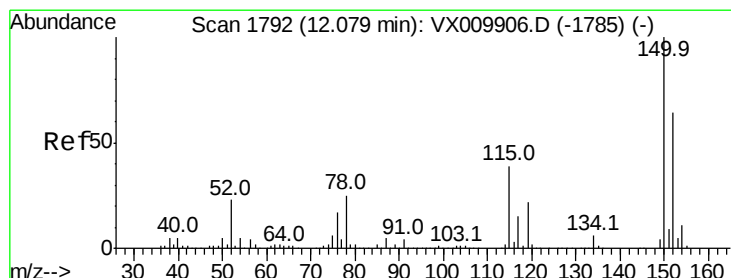
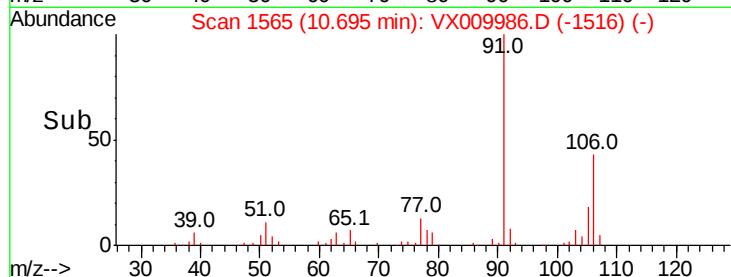
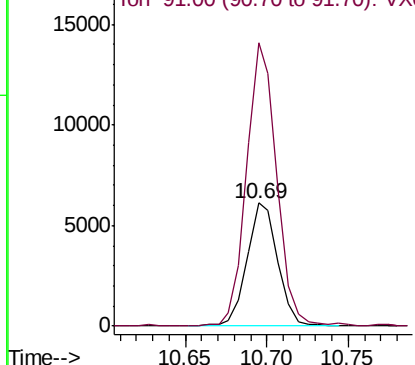
#69
o-Xylene
Concen: 2.164 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tot Ion:106 Resp: 7999
Ion Ratio Lower Upper
106 100
91 227.7 110.4 331.2

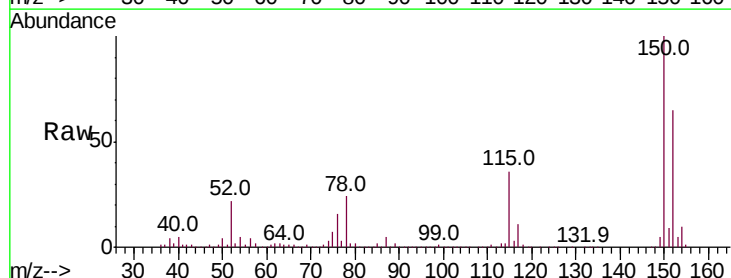


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

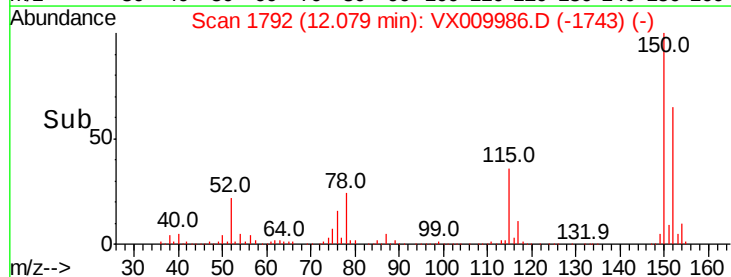
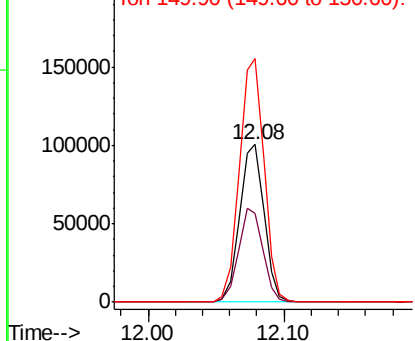


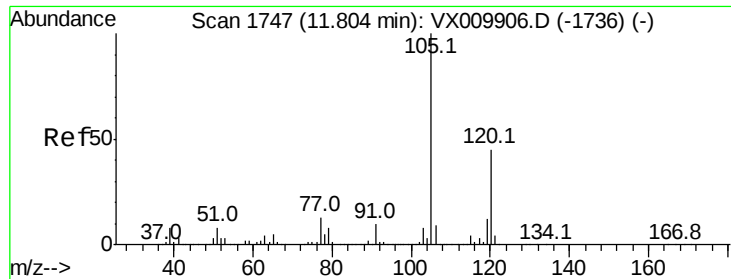
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion:152 Resp: 124950
Ion Ratio Lower Upper
152 100
115 59.6 41.4 124.2
150 156.6 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

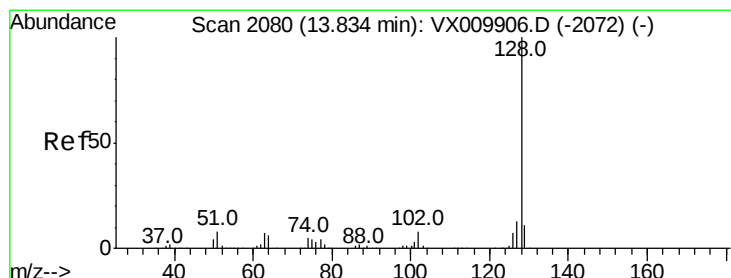
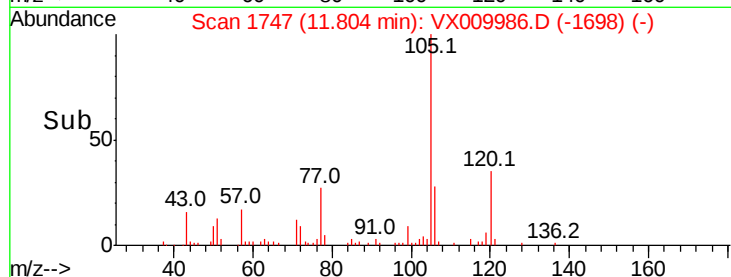
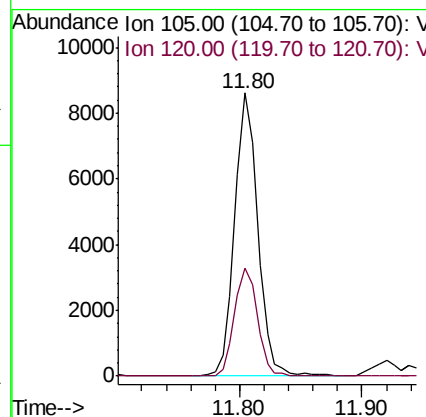
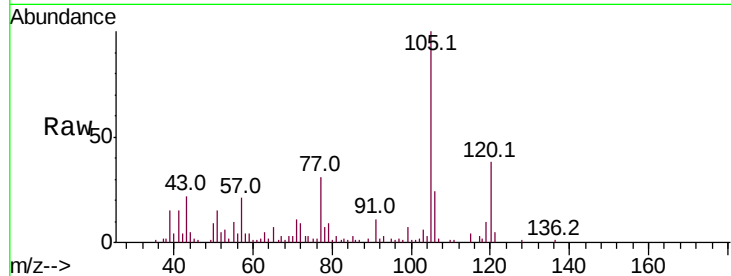




#84
 1,2,4-Trimethylbenzene
 Concen: 1.425 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Tot Ion:105 Resp: 11236
 Ion Ratio Lower Upper
 105 100
 120 37.5 22.1 66.1



#95
 Naphthalene
 Concen: 2.306 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

Tgt Ion:128 Resp: 21145
 Ion Ratio Lower Upper
 128 100
 127 14.7 10.6 16.0
 129 12.4 8.8 13.2

