

Data File : VX001951.D

Acq On : 24 May 2018 19:50

Operator : JC/MD

Sample : J3060-02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-3-WC-1

Quant Time: May 25 03:35:59 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	346690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	530494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	484649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	267507	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
35) Dibromofluoromethane	5.51	113	208745	39.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.70%	
50) Toluene-d8	8.72	98	758114	39.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.94%	
62) 4-Bromofluorobenzene	11.14	95	281912	37.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37	Below Cal	#	41
5) Bromomethane	1.65	94	1673	Below Cal		90
10) Methyl Iodide	2.53	142	2102	0.36	ug/l #	89
11) Tert butyl alcohol	3.09	59	896	0.74	ug/l #	1
13) Acrolein	2.30	56	466	0.89	ug/l #	79
16) Acetone	2.45	43	15531	6.49	ug/l	98
18) Methyl Acetate	2.79	43	30208	4.20	ug/l	100
20) Methylene Chloride	2.86	84	69642	15.67	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	235	Below Cal	#	58
25) 2-Butanone	4.72	43	5432	1.24	ug/l #	89
28) Bromochloromethane	5.03	49	130	Below Cal	#	14
29) Tetrahydrofuran	5.19	42	1427	0.50	ug/l #	68
30) Chloroform	5.23	83	6614	0.72	ug/l	95
36) 1,1-Dichloropropene	5.67	75	23255	3.15	ug/l #	53
38) Carbon Tetrachloride	5.67	117	32015	3.72	ug/l #	15
41) Methacrylonitrile	5.06	41	271	Below Cal	#	58
44) Trichloroethene	7.22	130	3102	0.49	ug/l	98
47) Bromodichloromethane	7.91	83	1717	0.21	ug/l #	84
48) Methyl methacrylate	7.77	41	2686	0.33	ug/l #	33
68) m/p-Xylenes	10.37	106	3992	0.39	ug/l	99
74) N-amyl acetate	6.48	43	659	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	11.32	83	179	Below Cal		89
76) 1,2,3-Trichloropropane	11.14	75	145998	22.91	ug/l #	33
79) 2-Chlorotoluene	11.44	91	1976	Below Cal	#	51
80) 1,3,5-Trimethylbenzene	11.51	105	5675	0.30	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	145998	55.07	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	24191	1.22	ug/l	100
95) Naphthalene	13.84	128	230909	9.64	ug/l	100

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

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-3-WC-1

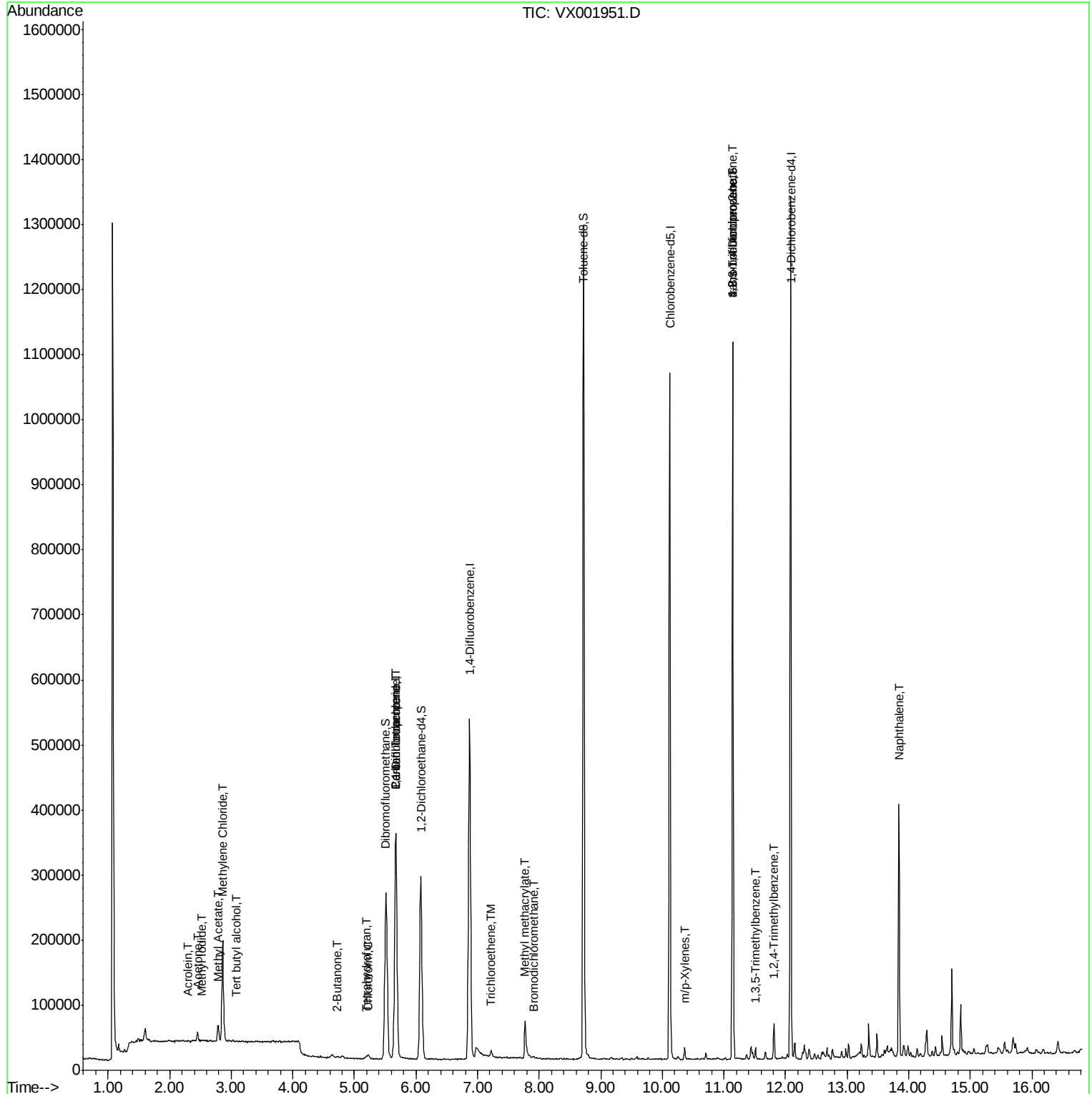
Quant Time: May 25 03:35:59 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001951.D

Acq: 24 May 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

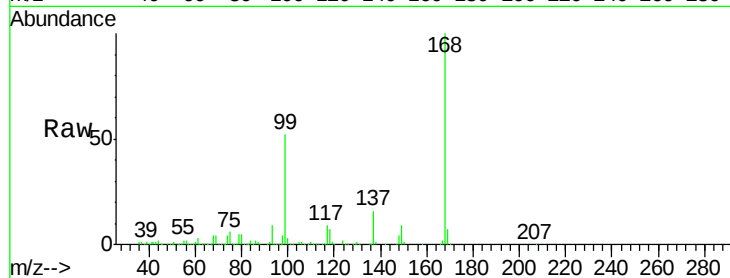
TP-3-WC-1

Tgt Ion:168 Resp: 346690

Ion Ratio Lower Upper

168 100

99 52.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

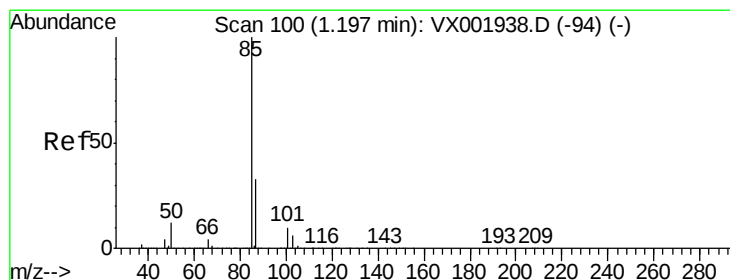
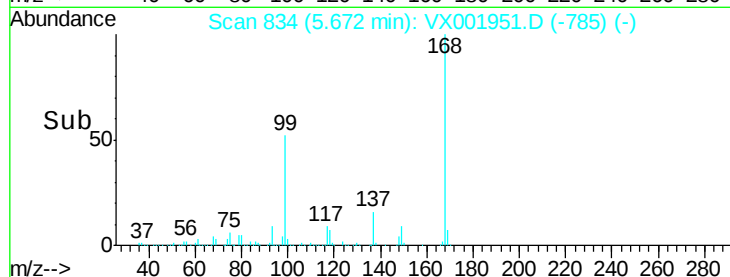
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001951.D

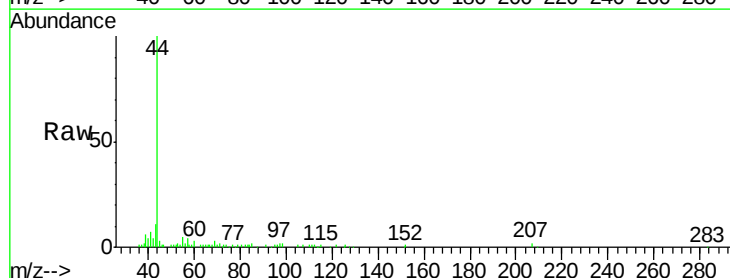
Acq: 24 May 2018 19:50

Tgt Ion: 85 Resp: 37

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

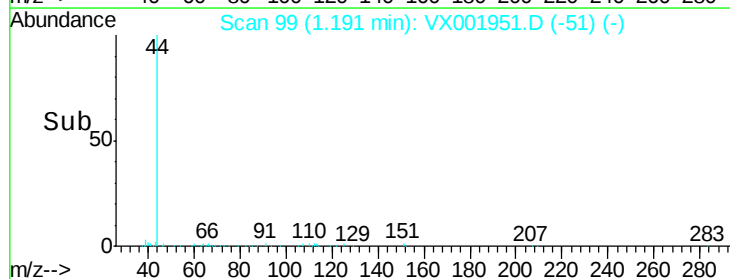
300

200

100

0

Time--> 1.17 1.18 1.19 1.20





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001951.D

Acq: 24 May 2018 19:50

Instrument :

MSVOA_X

ClientSampled :

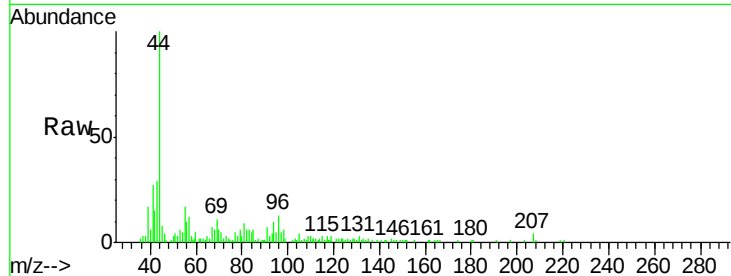
TP-3-WC-1

Tgt Ion: 94 Resp: 1673

Ion Ratio Lower Upper

94 100

96 105.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1200

1000

800

600

400

200

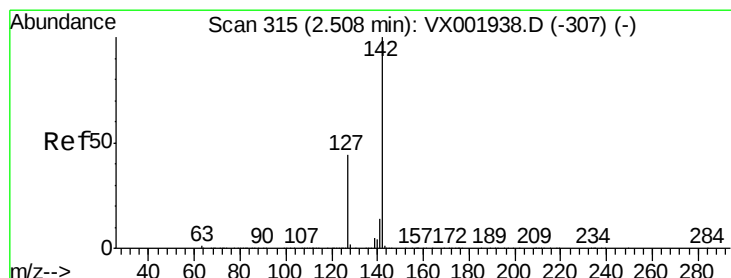
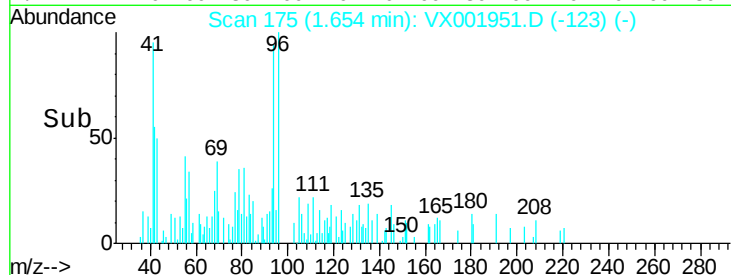
0

1.60

1.65

1.70

Time-->



#10

Methyl Iodide

Concen: 0.36 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.02 min

Lab File: VX001951.D

Acq: 24 May 2018 19:50

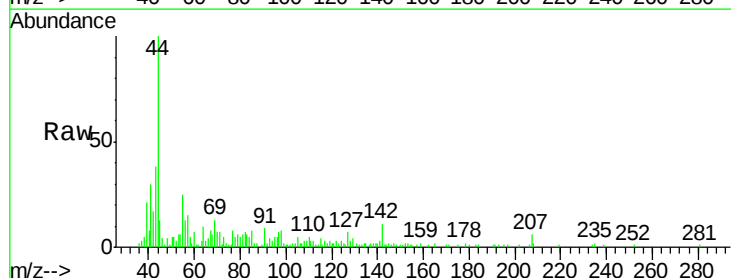
Tgt Ion: 142 Resp: 2102

Ion Ratio Lower Upper

142 100

127 42.3 35.5 53.3

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

800

600

400

200

0

2.40

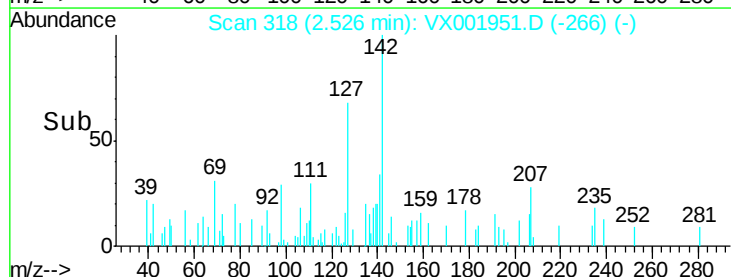
2.45

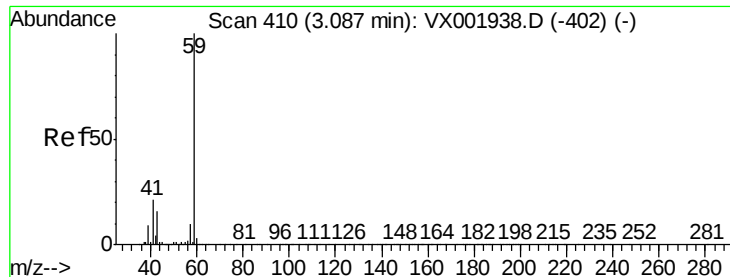
2.50

2.55

2.60

Time-->



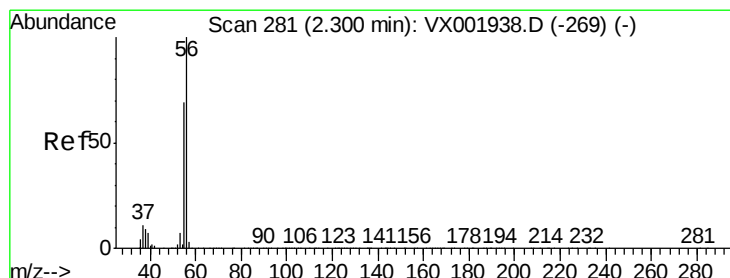
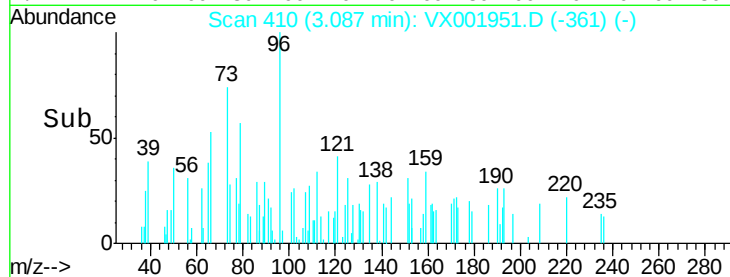
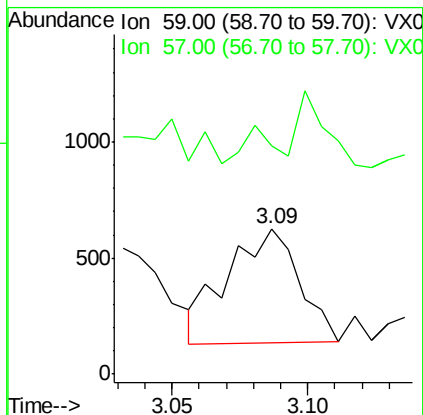
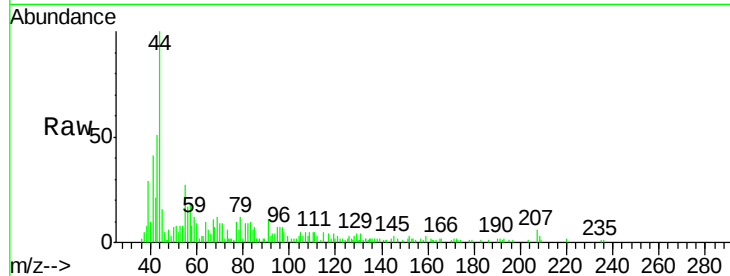


#11

Tert butyl alcohol
 Concen: 0.74 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VX001951.D
 Acq: 24 May 2018 19:50

Instrument :
 MSVOA_X
 ClientSampled :
 TP-3-WC-1

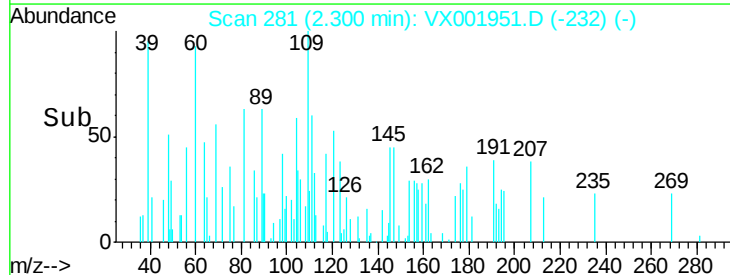
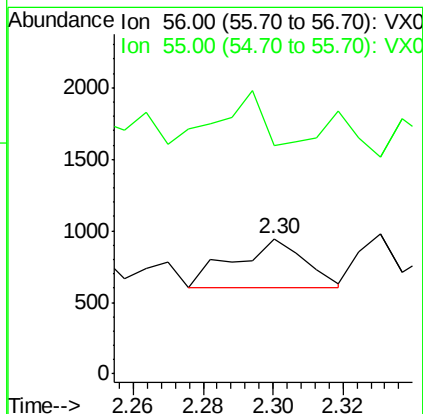
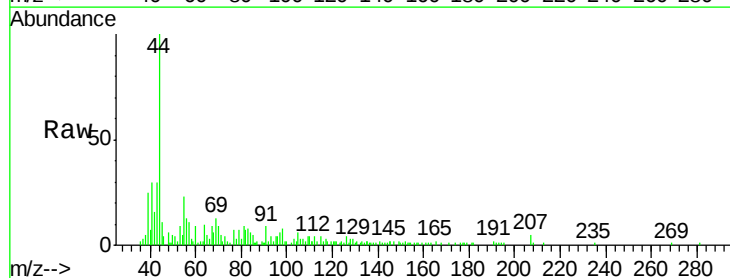
Tgt Ion: 59 Resp: 896
 Ion Ratio Lower Upper
 59 100
 57 68.4 8.9 13.3#

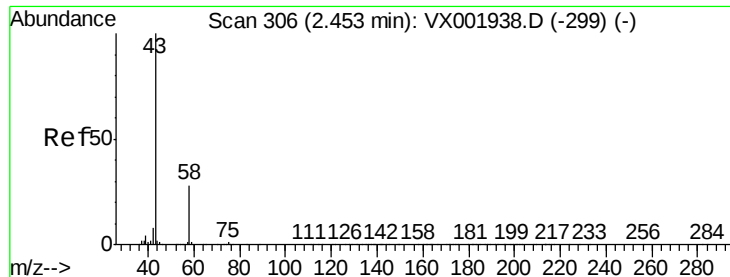


#13

Acrolein
 Concen: 0.89 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX001951.D
 Acq: 24 May 2018 19:50

Tgt Ion: 56 Resp: 466
 Ion Ratio Lower Upper
 56 100
 55 88.4 56.8 85.2#

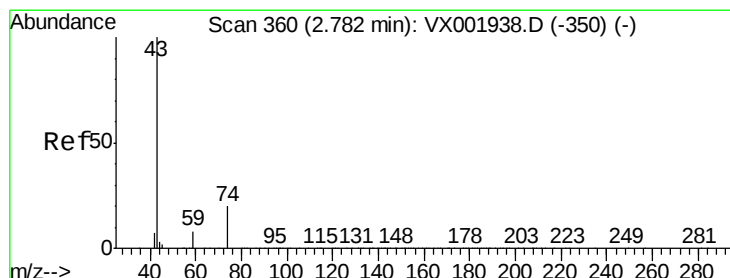
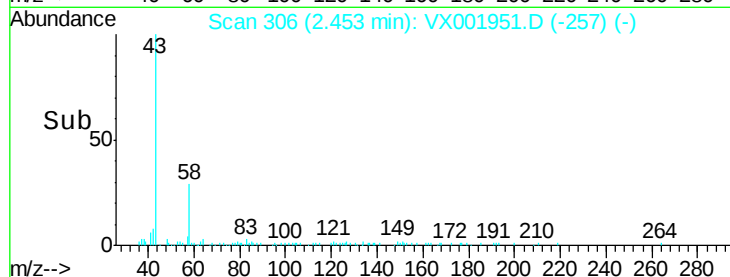
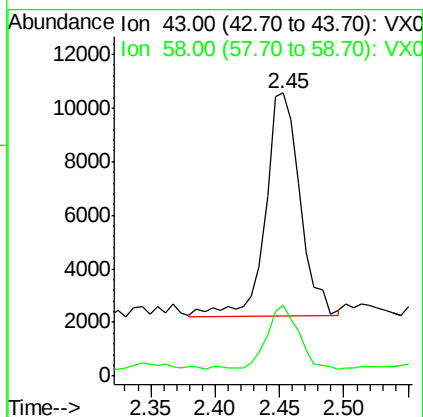
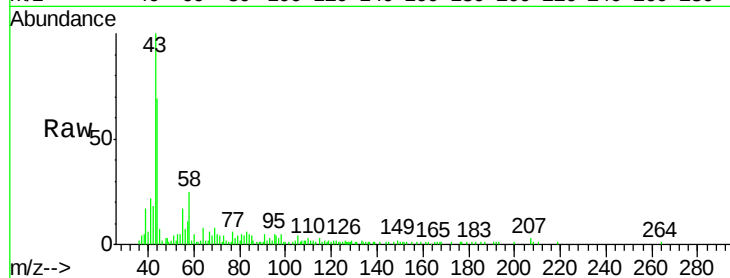




#16
Acetone
Concen: 6.49 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001951.D
Acq: 24 May 2018 19:50

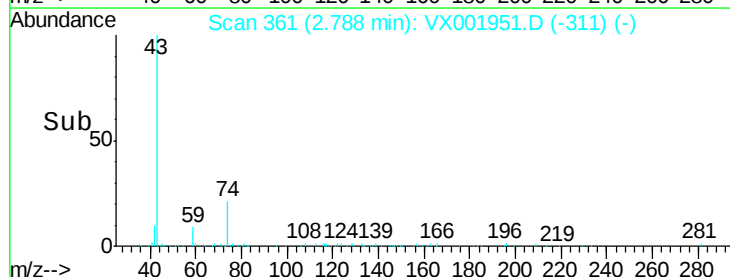
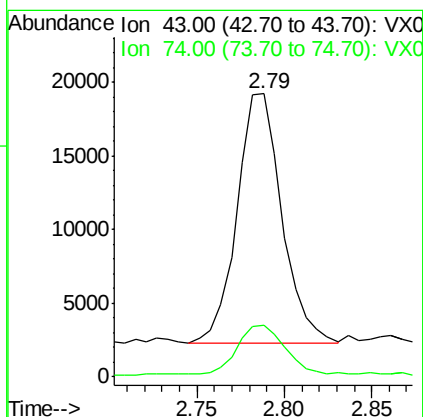
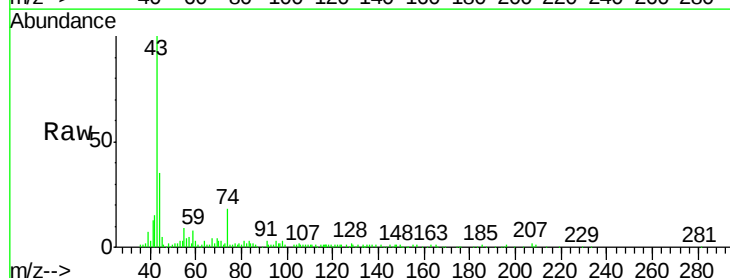
Instrument :
MSVOA_X
ClientSampleId :
TP-3-WC-1

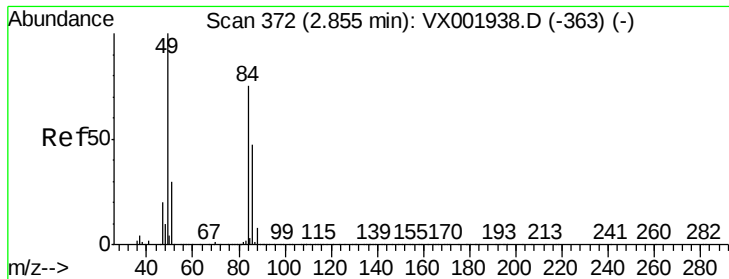
Tgt Ion: 43 Resp: 15531
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5



#18
Methyl Acetate
Concen: 4.20 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001951.D
Acq: 24 May 2018 19:50

Tgt Ion: 43 Resp: 30208
Ion Ratio Lower Upper
43 100
74 20.9 16.8 25.2

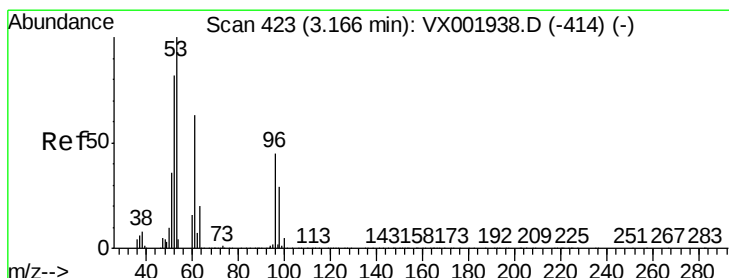
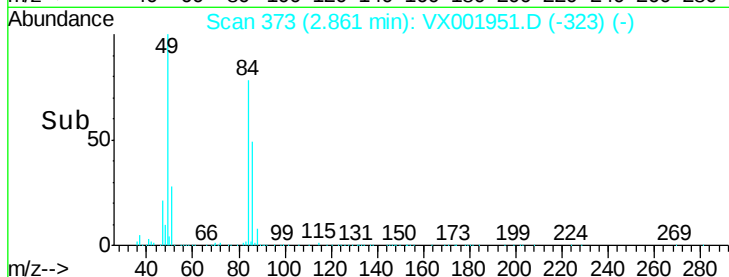
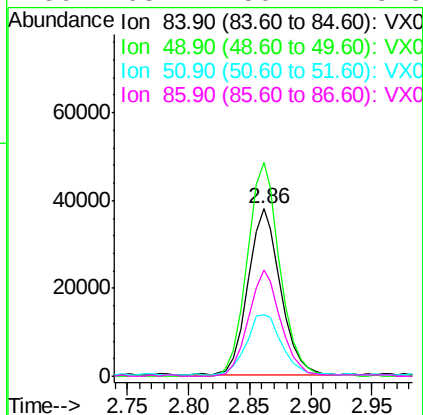
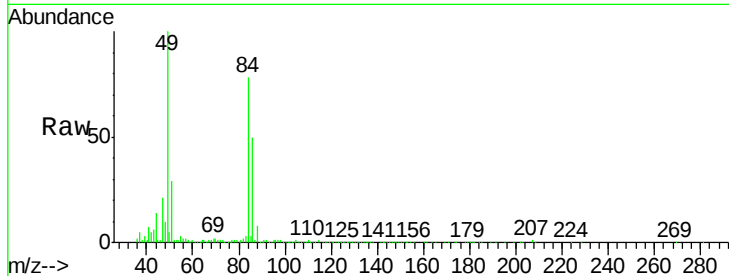




#20
Methylene Chloride
Concen: 15.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001951.D
Acq: 24 May 2018 19:50

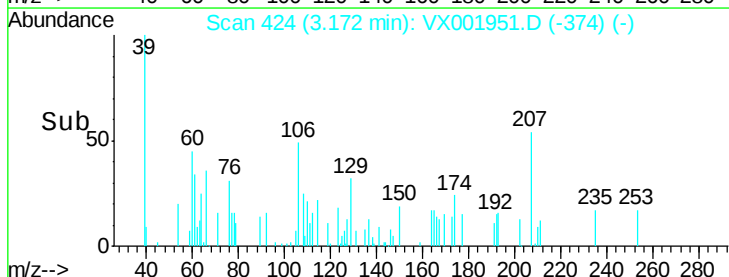
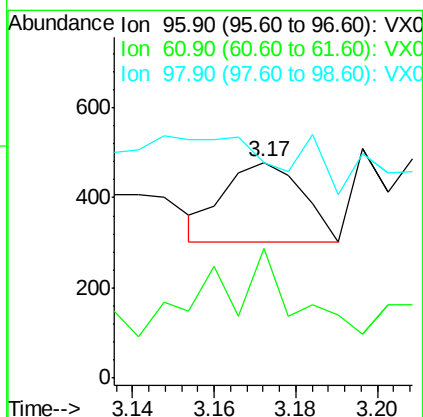
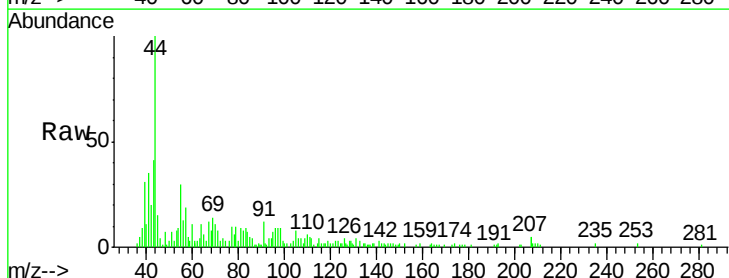
Instrument :
MSVOA_X
ClientSampleId :
TP-3-WC-1

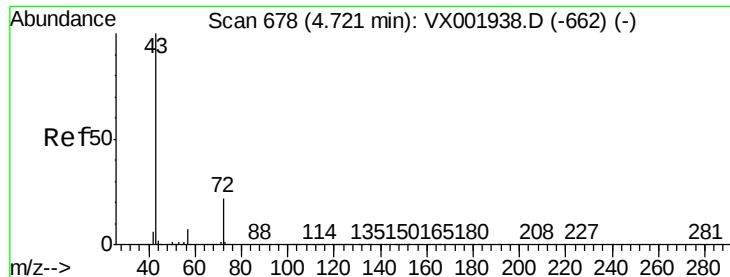
Tgt Ion:	84	Resp:	69642
Ion	Ratio	Lower	Upper
84	100		
49	128.6	107.2	160.8
51	36.3	32.4	48.6
86	63.4	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001951.D
Acq: 24 May 2018 19:50

Tgt Ion:	96	Resp:	235
Ion	Ratio	Lower	Upper
96	100		
61	83.5	113.3	169.9#
98	40.3	51.7	77.5#





#25

2-Butanone

Concen: 1.24 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001951.D

Acq: 24 May 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

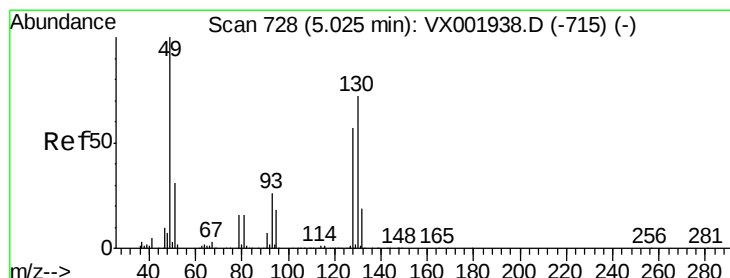
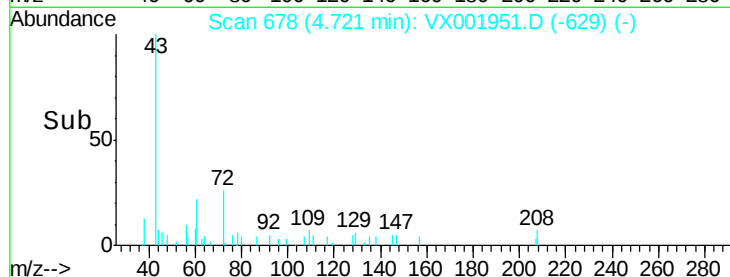
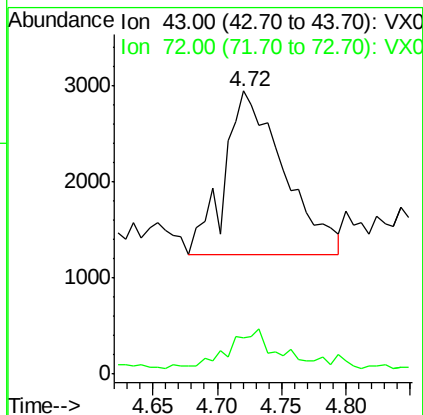
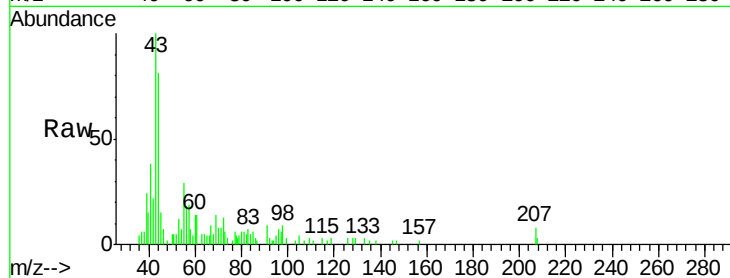
TP-3-WC-1

Tgt Ion: 43 Resp: 5432

Ion Ratio Lower Upper

43 100

72 17.0 17.9 26.9#



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001951.D

Acq: 24 May 2018 19:50

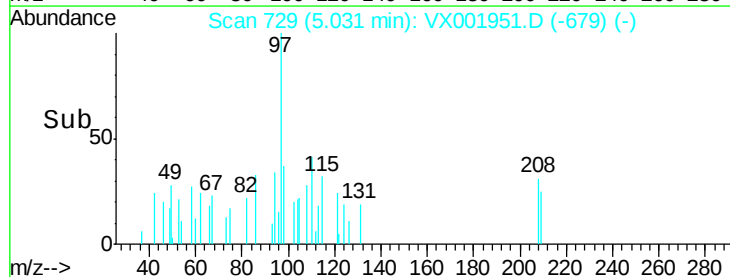
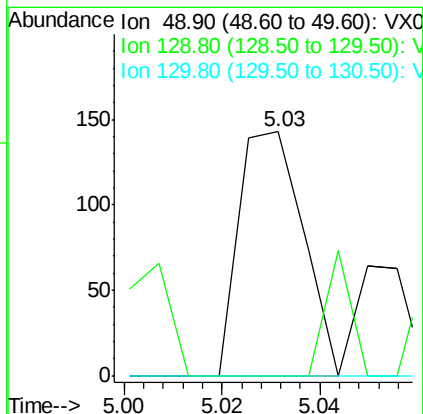
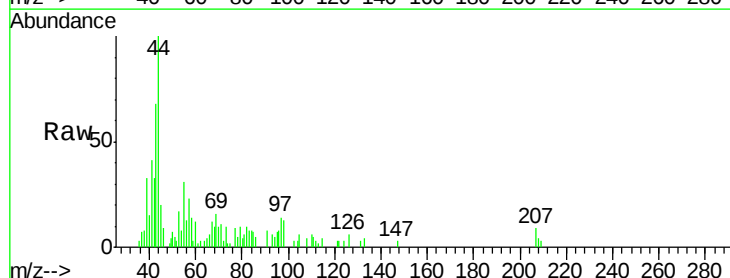
Tgt Ion: 49 Resp: 130

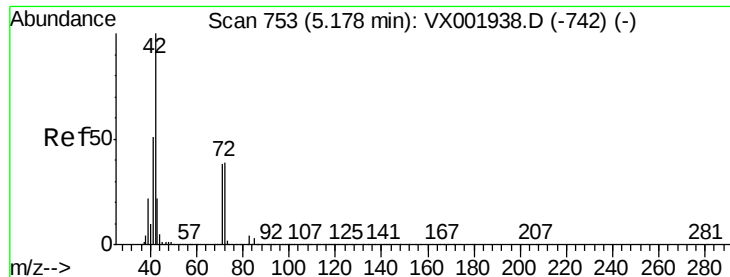
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 59.4 89.2#





#29

Tetrahydrofuran

Concen: 0.50 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX001951.D

Acq: 24 May 2018 19:50

Instrument :

MSVOA_X

ClientSampleId :

TP-3-WC-1

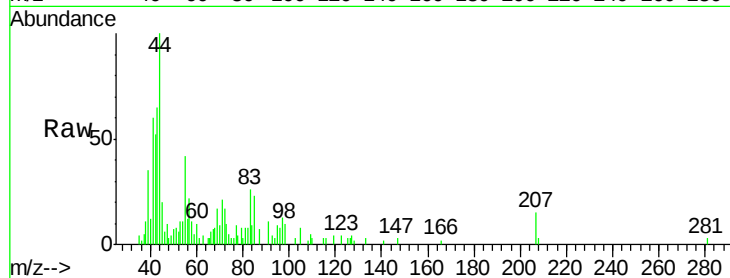
Tgt Ion: 42 Resp: 1427

Ion Ratio Lower Upper

42 100

72 55.7 31.4 47.0#

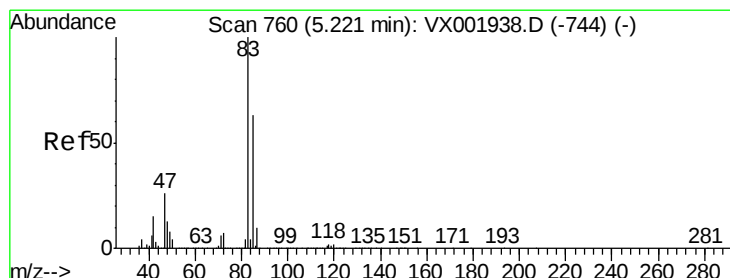
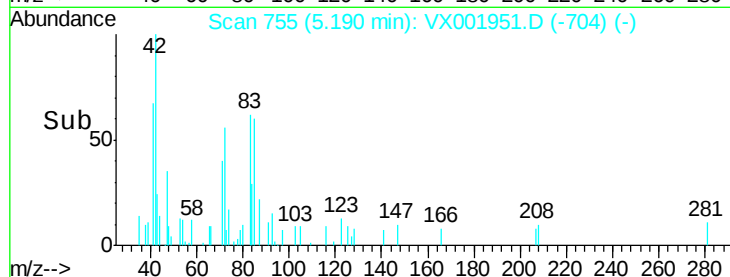
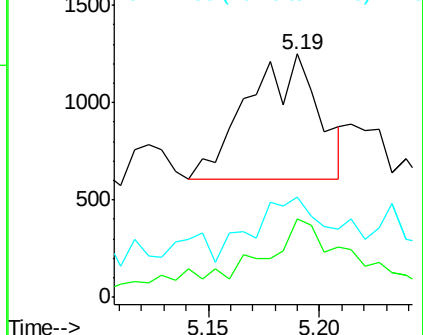
71 59.5 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.72 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001951.D

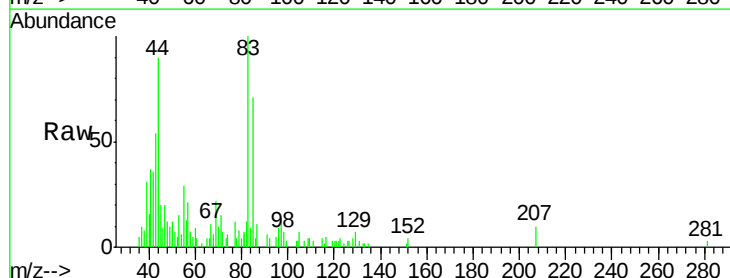
Acq: 24 May 2018 19:50

Tgt Ion: 83 Resp: 6614

Ion Ratio Lower Upper

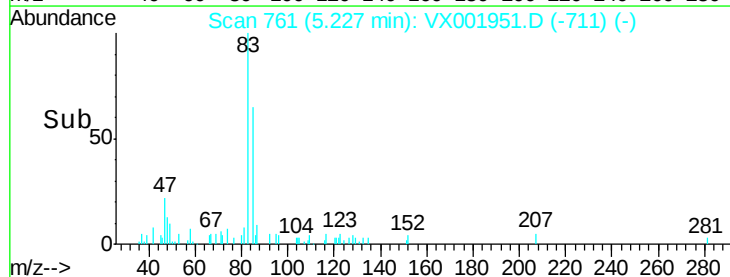
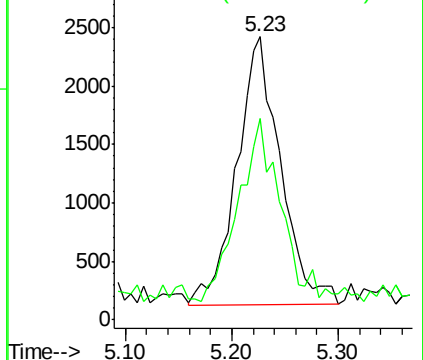
83 100

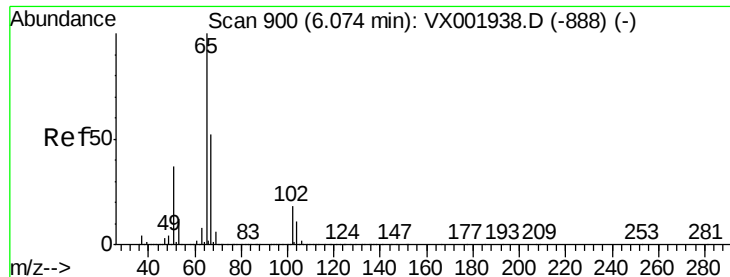
85 67.6 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

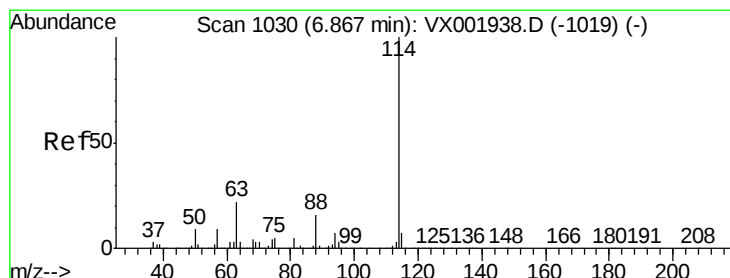
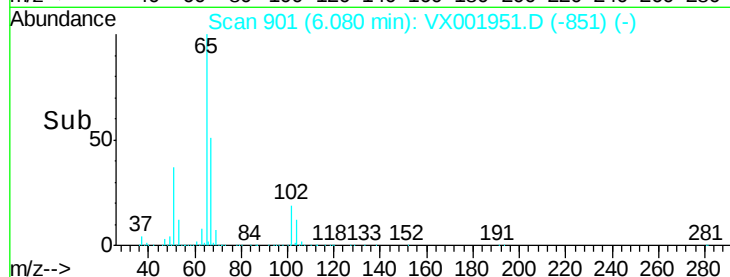
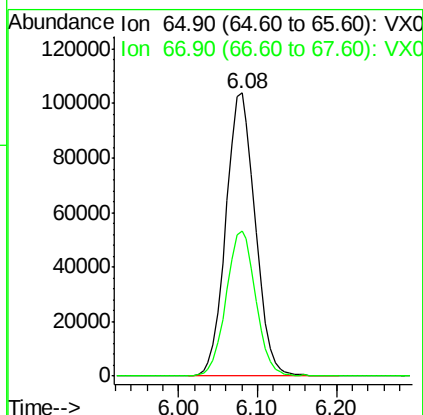
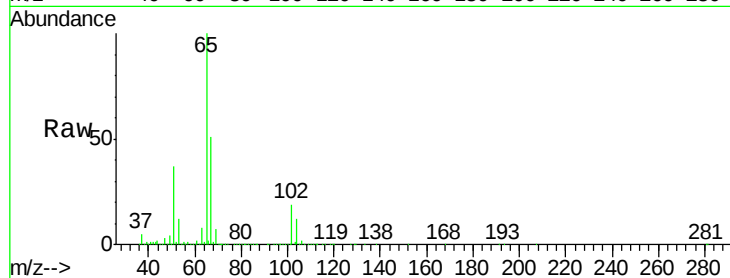




#33
 1,2-Dichloroethane-d4
 Concen: 43.17 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001951.D
 Acq: 24 May 2018 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3-WC-1

Tgt Ion: 65 Resp: 267507
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001951.D
 Acq: 24 May 2018 19:50

Tgt Ion: 114 Resp: 530494
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.3 0.0 31.6

