

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005251.D
 Acq On : 11 Oct 2018 13:01
 Operator : JC/MD
 Sample : J5390-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-CHY02

Quant Time: Oct 11 13:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122253	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.51	113	106144	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.72	98	377956	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.14	95	148337	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	5756	2.06	ug/l #	67
4) Vinyl Chloride	1.40	62	2294	0.87	ug/l #	1
5) Bromomethane	1.64	94	711	0.46	ug/l #	73
6) Chloroethane	1.96	64	842	Below Cal	#	45
10) Methyl Iodide	2.51	142	498	0.20	ug/l #	65
11) Tert butyl alcohol	3.07	59	1203	1.78	ug/l #	84
13) Acrolein	2.29	56	1434	2.98	ug/l	89
15) Acrylonitrile	3.16	53	521	0.35	ug/l #	89
16) Acetone	2.45	43	177684	126.02	ug/l	96
17) Carbon Disulfide	2.57	76	7885	1.43	ug/l	97
18) Methyl Acetate	2.78	43	13552	3.79	ug/l	97
20) Methylene Chloride	2.86	84	920	Below Cal	#	94
25) 2-Butanone	4.71	43	302821	145.70	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	2553	1.14	ug/l	26
29) Tetrahydrofuran	5.20	42	8212	6.36	ug/l #	63
36) 1,1-Dichloropropene	5.66	75	11385	3.86	ug/l #	46
37) Ethyl Acetate	4.71	43	302821	77.31	ug/l #	70
38) Carbon Tetrachloride	5.67	117	14852	4.79	ug/l #	19
40) Benzene	6.14	78	3129	0.34	ug/l	96
41) Methacrylonitrile	5.20	41	39692	18.27	ug/l #	47
43) Isopropyl Acetate	6.47	43	4735	0.84	ug/l #	64
44) Trichloroethene	7.21	130	2956	1.30	ug/l	98
48) Methyl methacrylate	7.73	41	3738	1.46	ug/l #	17
49) 1,4-Dioxane	7.75	88	228	3.58	ug/l #	23
51) 4-Methyl-2-Pentanone	8.65	43	1083	0.30	ug/l #	83
56) Ethyl methacrylate	9.20	69	75	2.88	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.31	63	24	14.25	ug/l #	49
59) 2-Hexanone	9.50	43	36235	12.22	ug/l	91
70) Styrene	10.71	104	420	2.20	ug/l #	87
74) N-amyl acetate	10.91	43	26323	6.49	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	74557	21.50	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	542	Below Cal		97
81) trans-1,4-Dichloro-2-buten	11.14	75	74557	58.29	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.65	105	358	Below Cal		77

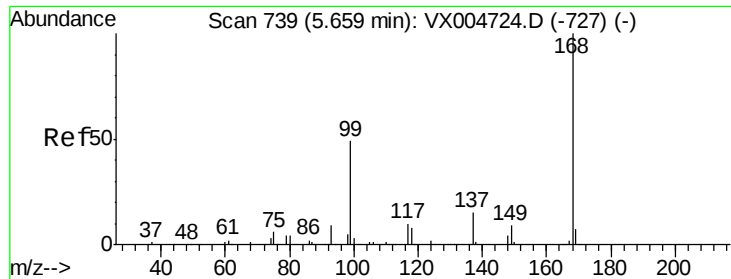
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005251.D
Acq On : 11 Oct 2018 13:01
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Oct 11 13:42:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	2426	0.30	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	931	0.24	ug/l	98
95) Naphthalene	13.83	128	1985	0.87	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

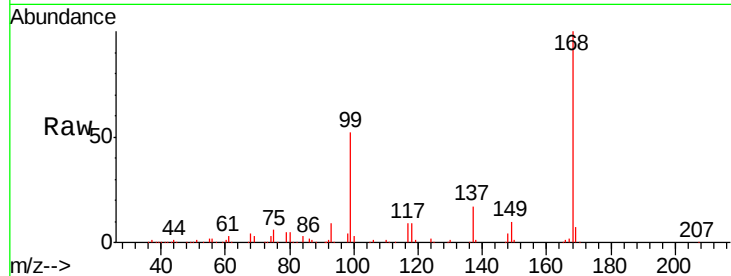
FA18-CHY02

Tgt Ion:168 Resp: 169070

Ion Ratio Lower Upper

168 100

99 52.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

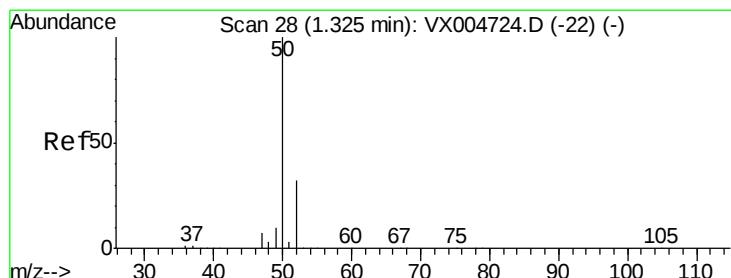
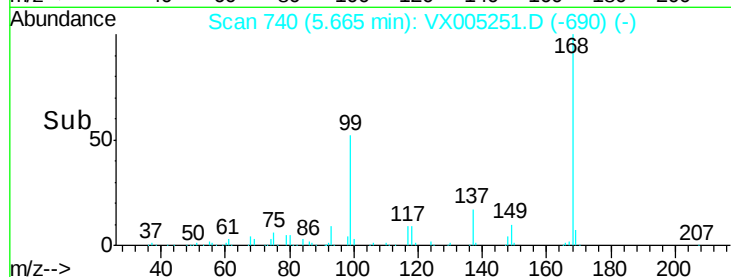
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 2.06 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005251.D

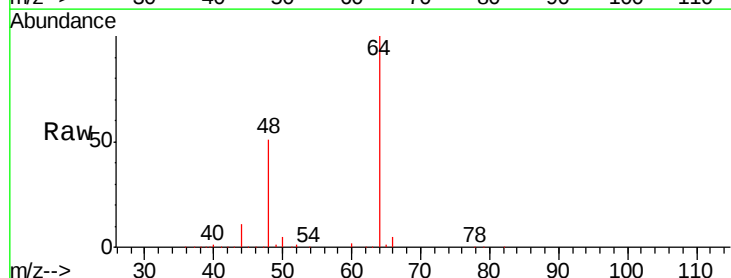
Acq: 11 Oct 2018 13:01

Tgt Ion: 50 Resp: 5756

Ion Ratio Lower Upper

50 100

52 13.5 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2500

2000

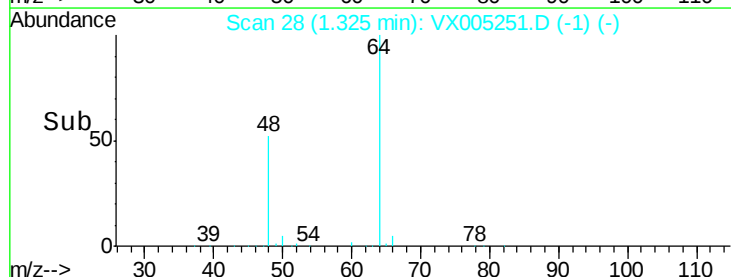
1500

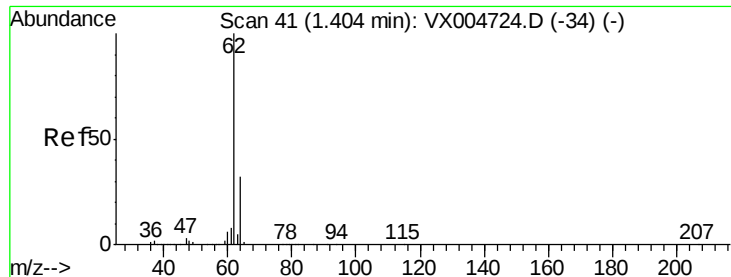
1000

500

0

Time--> 1.25 1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 0.87 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

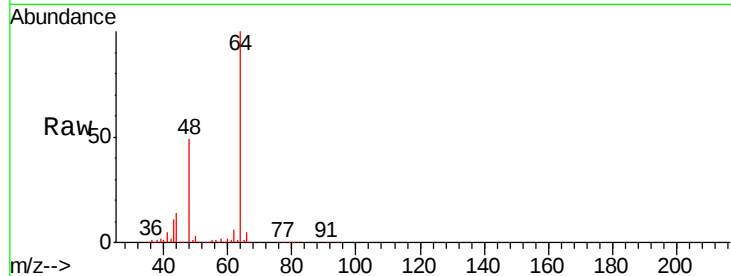
FA18-CHY02

Tgt Ion: 62 Resp: 2294

Ion Ratio Lower Upper

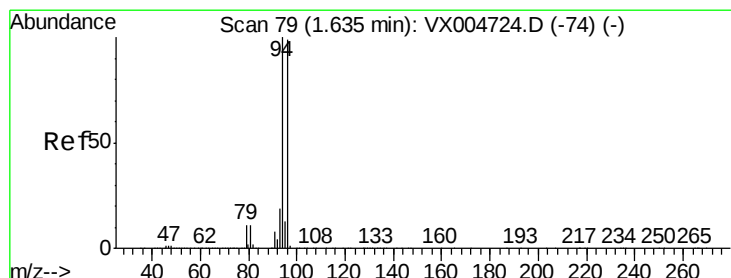
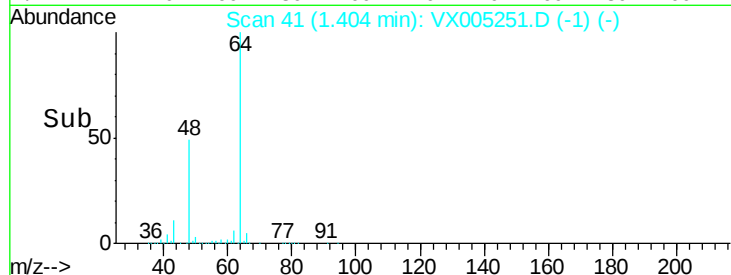
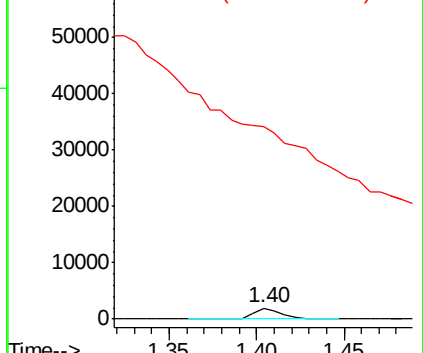
62 100

64 407.4 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.46 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005251.D

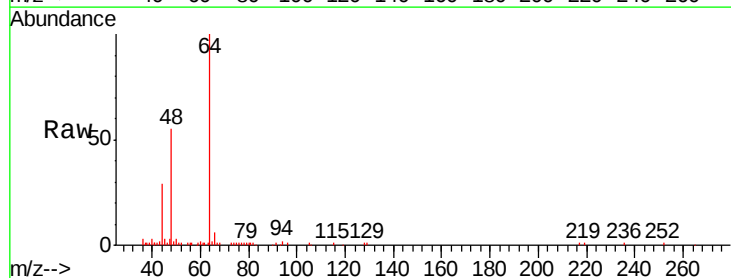
Acq: 11 Oct 2018 13:01

Tgt Ion: 94 Resp: 711

Ion Ratio Lower Upper

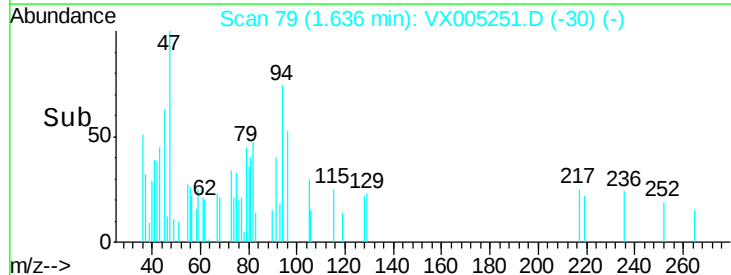
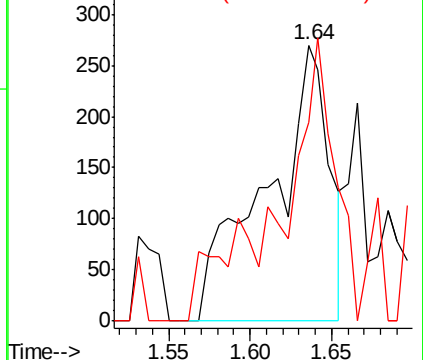
94 100

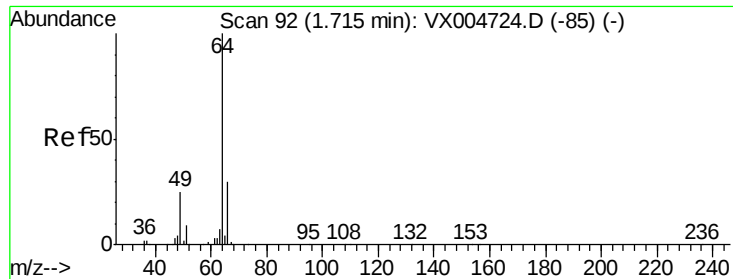
96 72.2 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.96 min Scan# 132

Delta R.T. 0.24 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

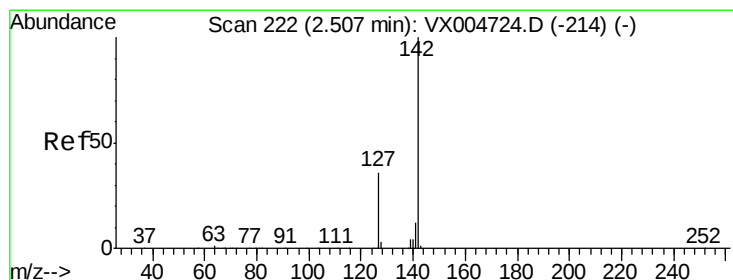
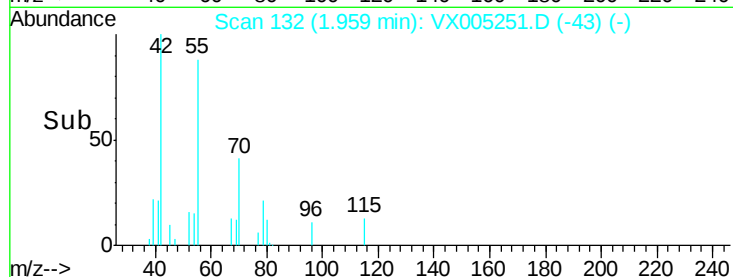
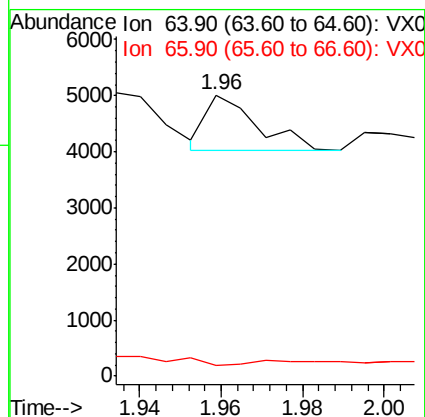
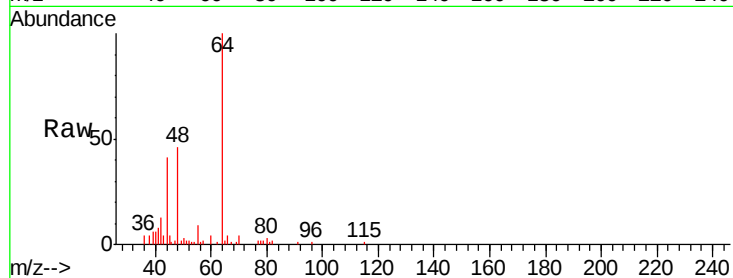
FA18-CHY02

Tgt Ion: 64 Resp: 842

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#10

Methyl Iodide

Concen: 0.20 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

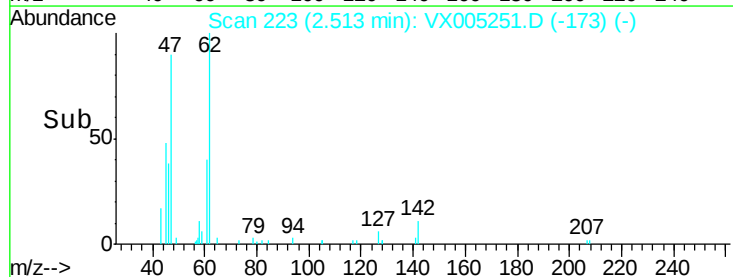
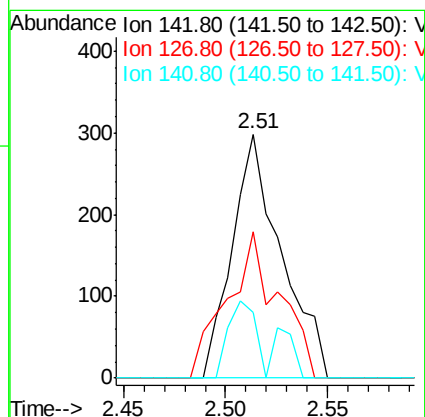
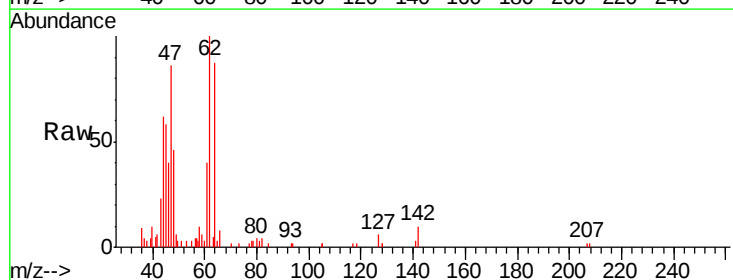
Tgt Ion: 142 Resp: 498

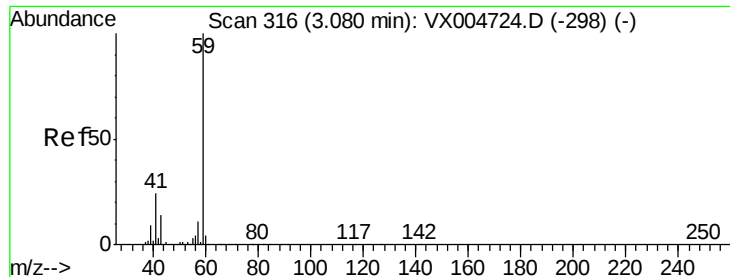
Ion Ratio Lower Upper

142 100

127 63.3 30.1 45.1#

141 17.3 10.1 15.1#

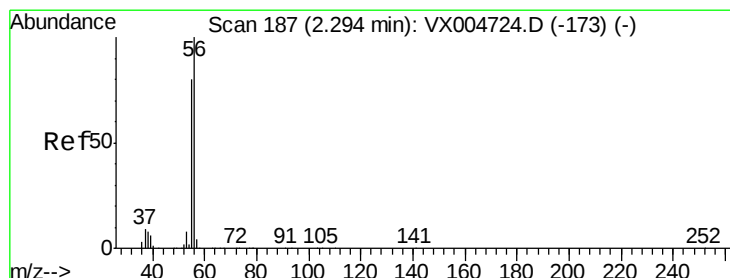
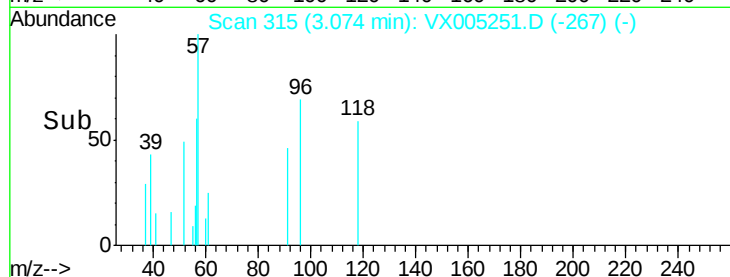
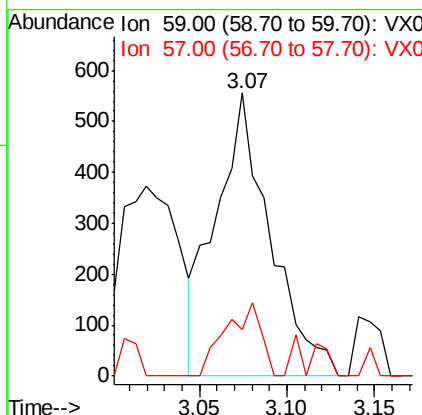
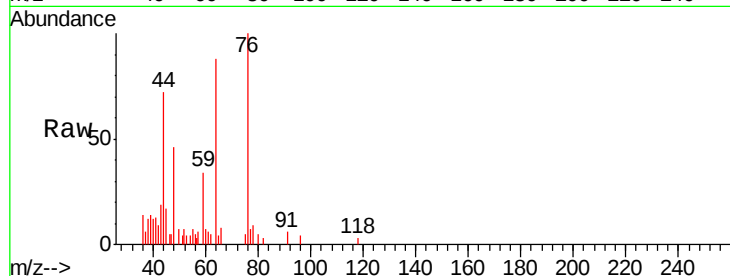




#11
Tert butyl alcohol
Concen: 1.78 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

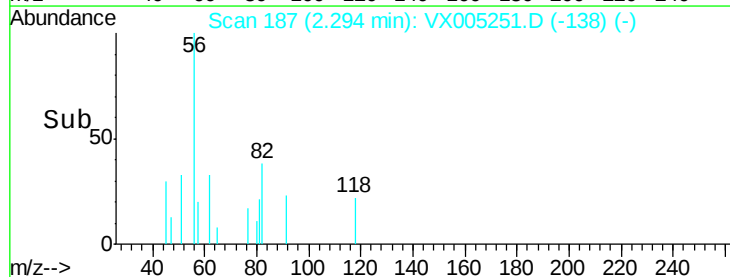
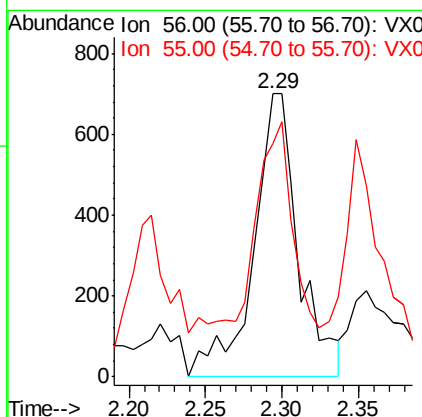
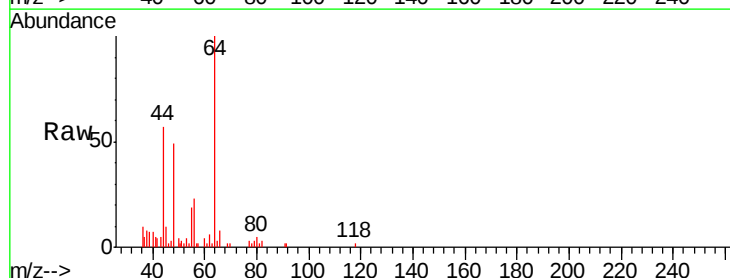
Instrument :
MSVOA_X
ClientSampled :
FA18-CHY02

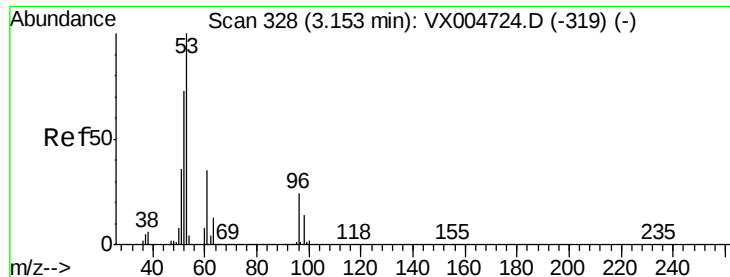
Tgt Ion: 59 Resp: 1203
Ion Ratio Lower Upper
59 100
57 16.9 8.6 12.8#



#13
Acrolein
Concen: 2.98 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

Tgt Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
55 69.4 63.4 95.2





#15

Acrylonitrile

Concen: 0.35 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

FA18-CHY02

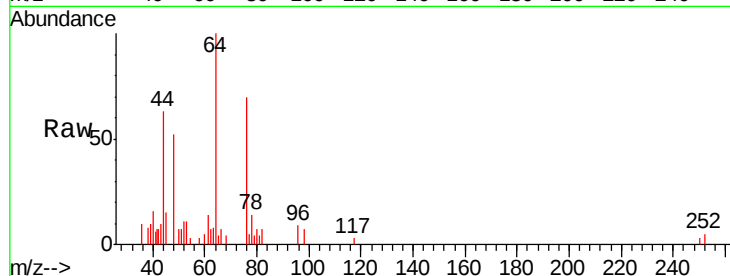
Tgt Ion: 53 Resp: 521

Ion Ratio Lower Upper

53 100

52 87.3 63.0 94.4

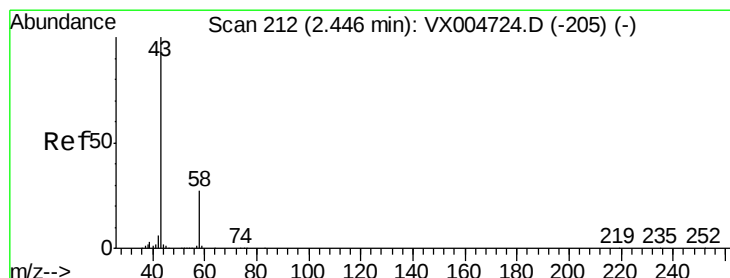
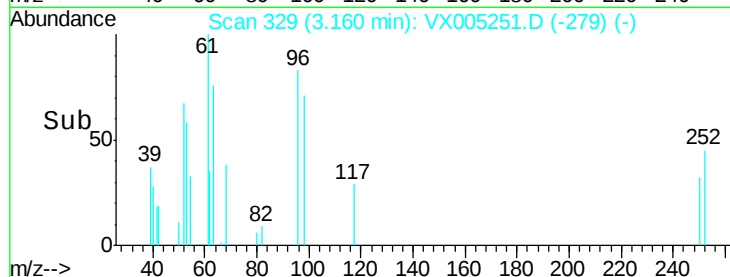
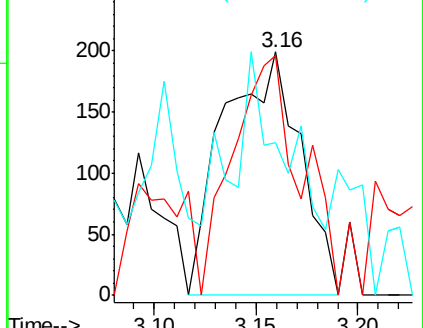
51 44.5 28.6 42.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 126.02 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005251.D

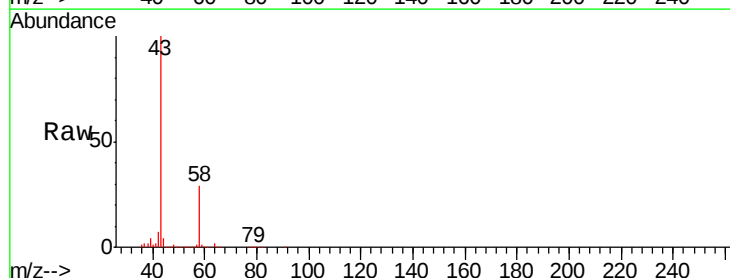
Acq: 11 Oct 2018 13:01

Tgt Ion: 43 Resp: 177684

Ion Ratio Lower Upper

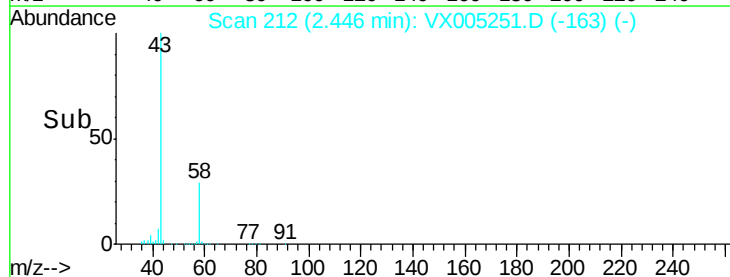
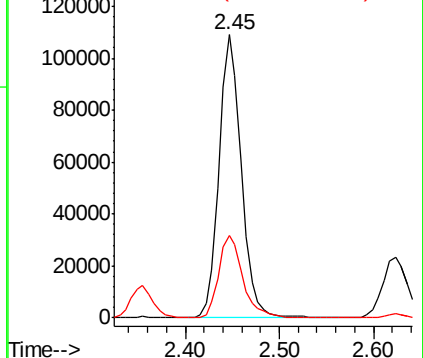
43 100

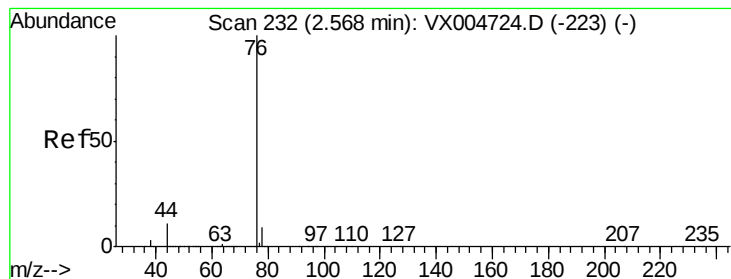
58 29.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.43 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

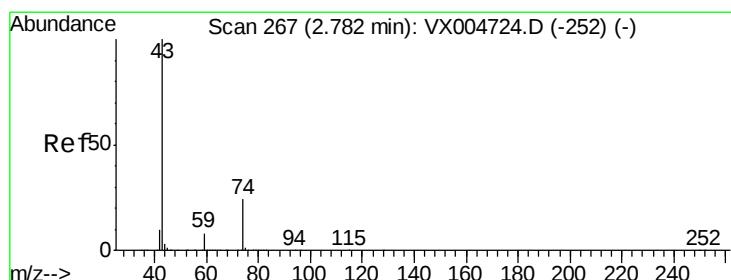
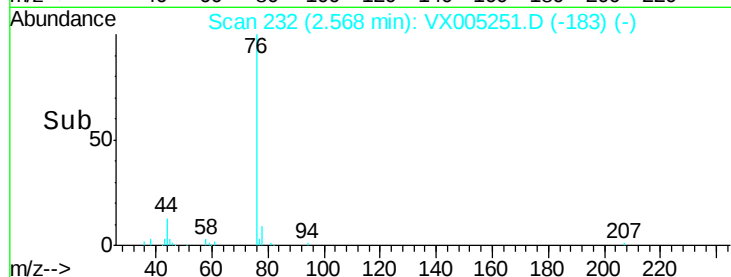
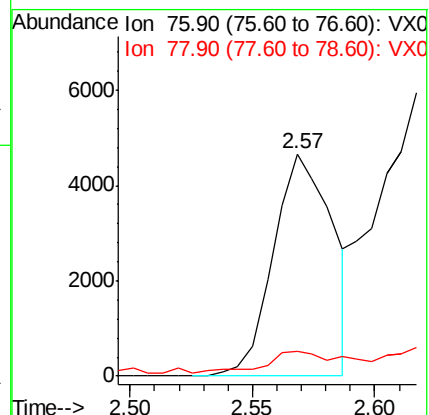
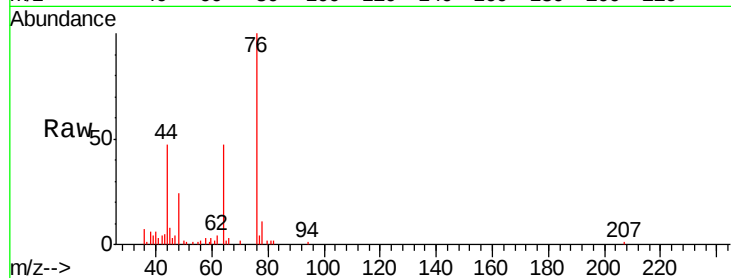
FA18-CHY02

Tgt Ion: 76 Resp: 7885

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6



#18

Methyl Acetate

Concen: 3.79 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005251.D

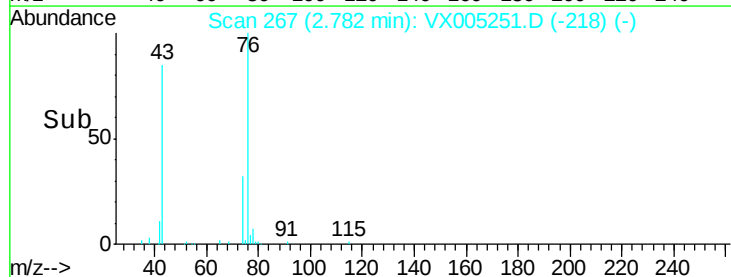
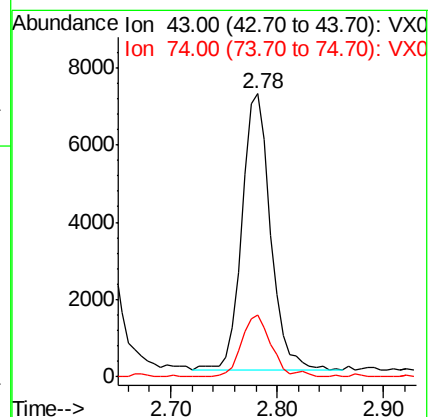
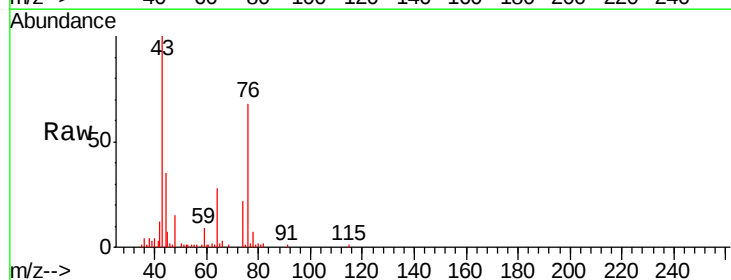
Acq: 11 Oct 2018 13:01

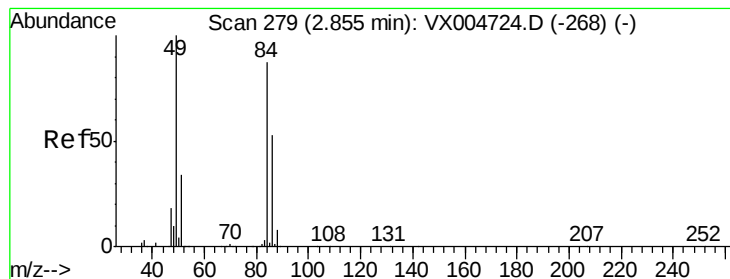
Tgt Ion: 43 Resp: 13552

Ion Ratio Lower Upper

43 100

74 23.6 17.8 26.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

FA18-CHY02

Tgt Ion: 84 Resp: 920

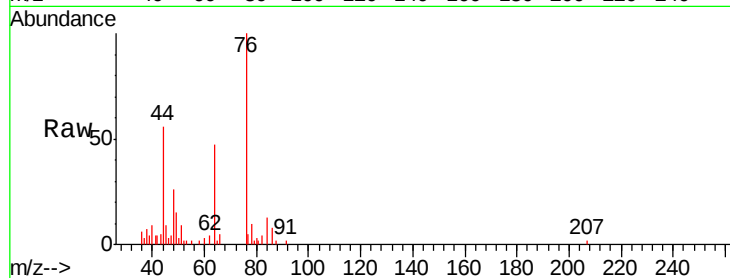
Ion Ratio Lower Upper

84 100

49 118.3 92.3 138.5

51 55.2 31.8 47.6#

86 60.2 48.5 72.7

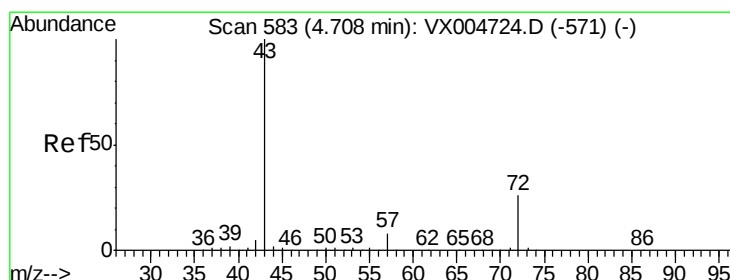
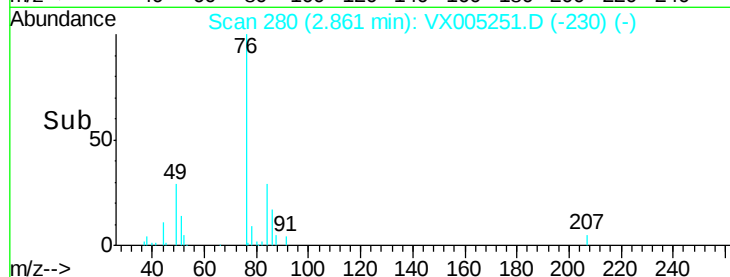
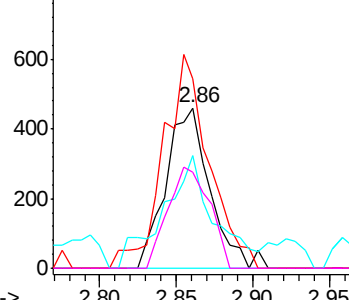


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 145.70 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005251.D

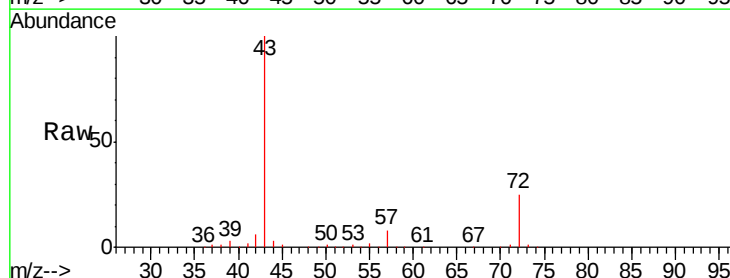
Acq: 11 Oct 2018 13:01

Tgt Ion: 43 Resp: 302821

Ion Ratio Lower Upper

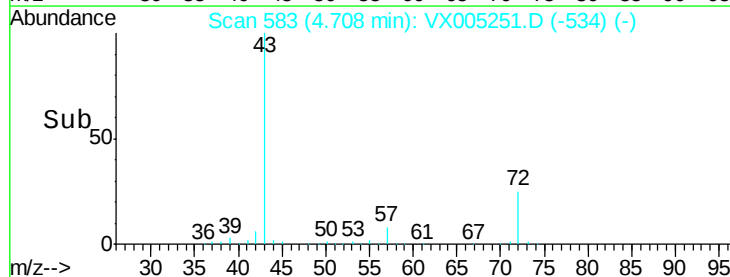
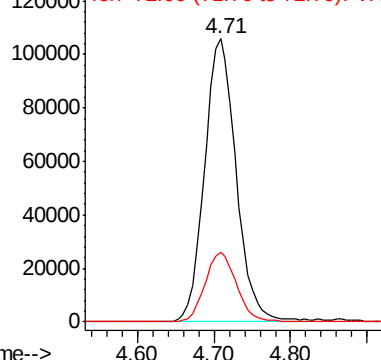
43 100

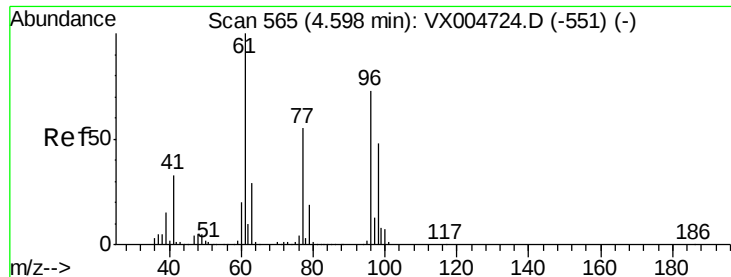
72 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.14 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-CHY02

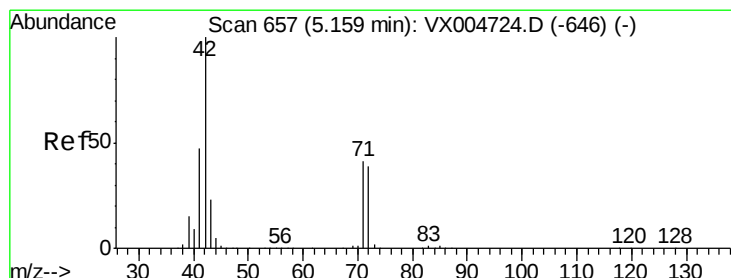
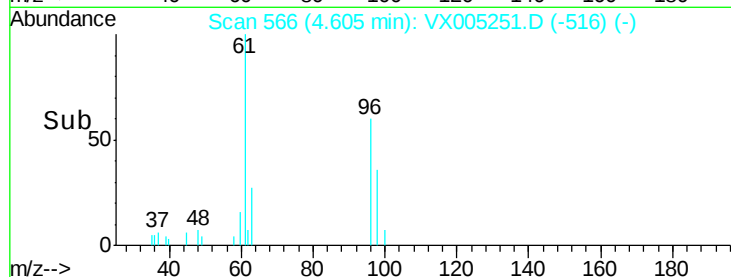
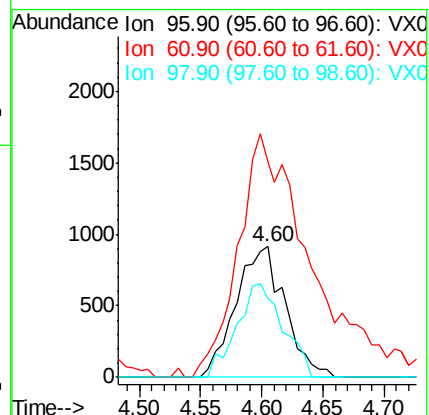
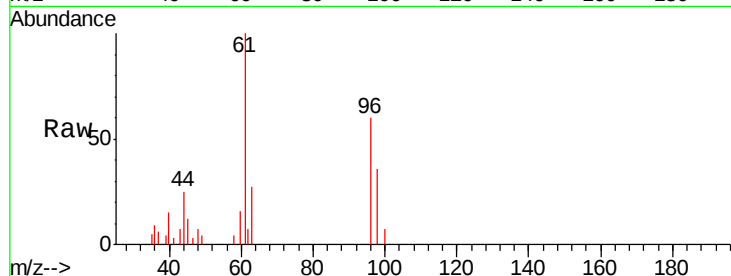
Tgt Ion: 96 Resp: 2553

Ion Ratio Lower Upper

96 100

61 277.5 0.0 285.8

98 67.4 0.0 136.2



#29

Tetrahydrofuran

Concen: 6.36 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.04 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

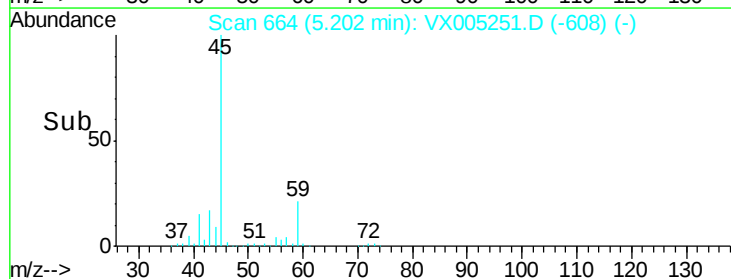
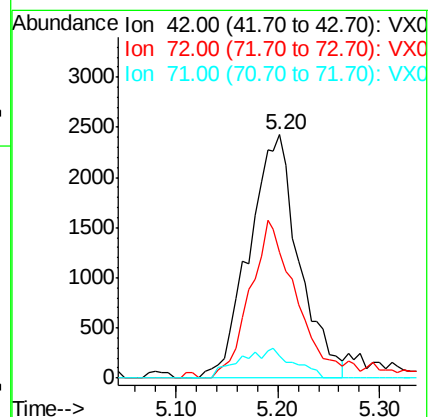
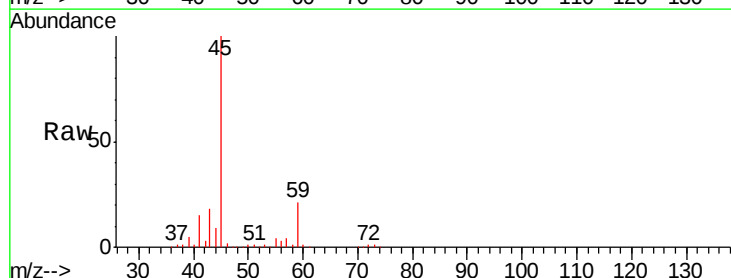
Tgt Ion: 42 Resp: 8212

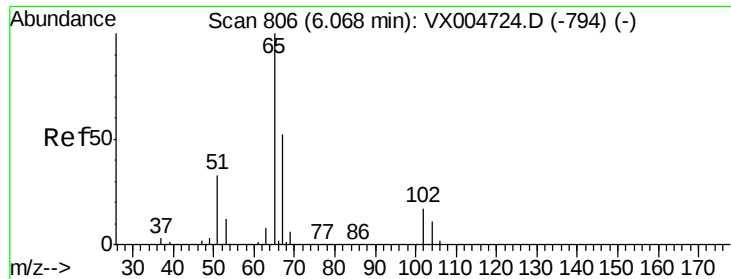
Ion Ratio Lower Upper

42 100

72 61.4 33.7 50.5#

71 13.0 32.2 48.4#





#33

1,2-Dichloroethane-d4

Concen: 50.62 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

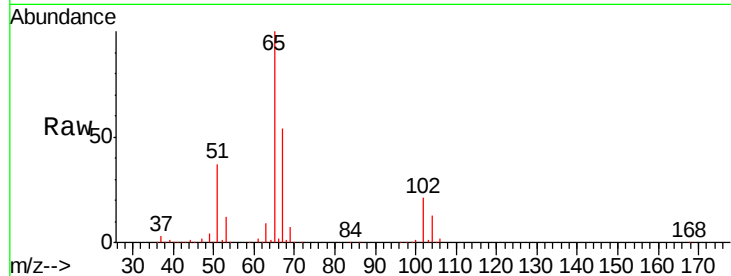
FA18-CHY02

Tgt Ion: 65 Resp: 122253

Ion Ratio Lower Upper

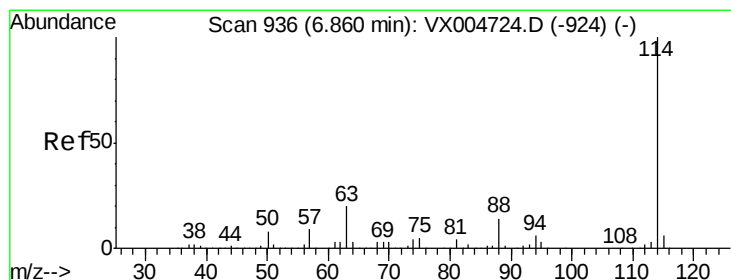
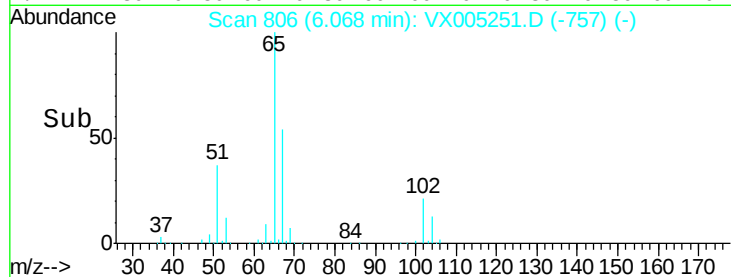
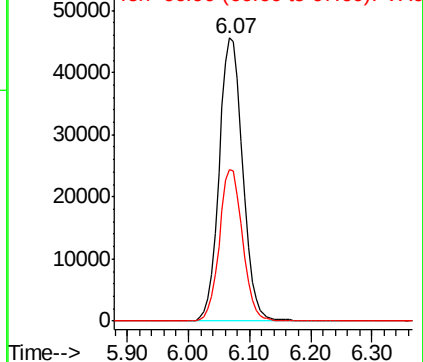
65 100

67 52.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

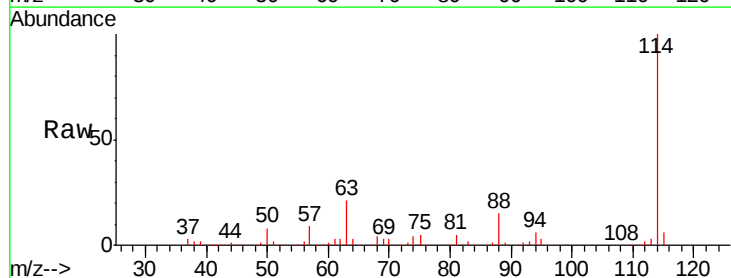
Tgt Ion: 114 Resp: 255189

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

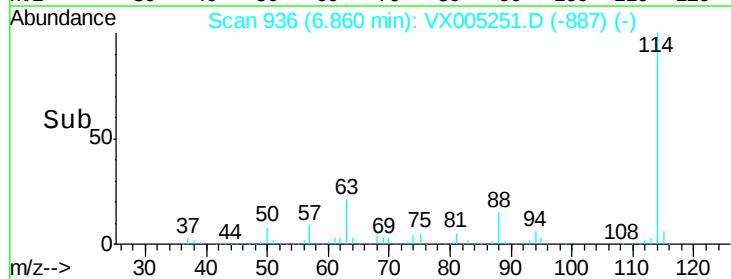
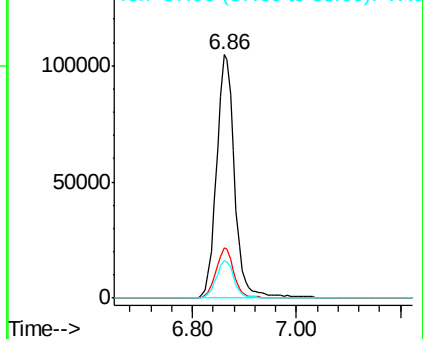
88 15.3 0.0 27.0

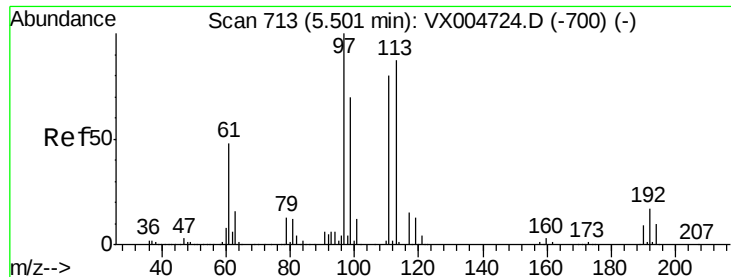


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

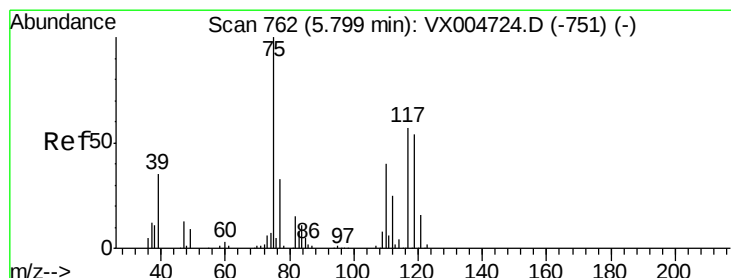
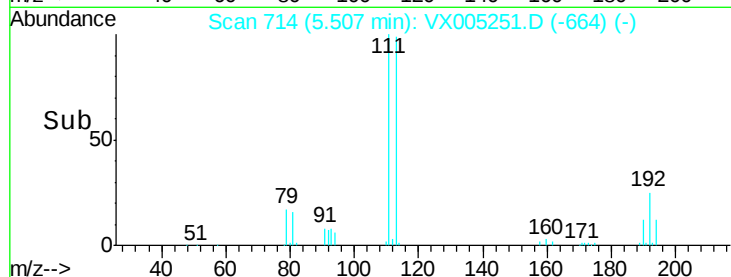
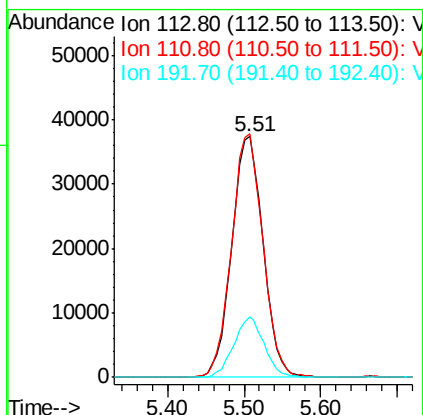
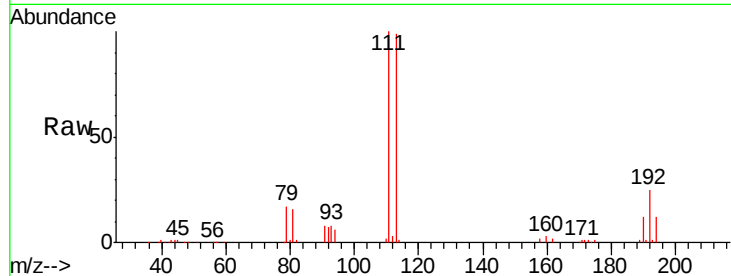




#35
 Dibromofluoromethane
 Concen: 49.08 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005251.D
 Acq: 11 Oct 2018 13:01

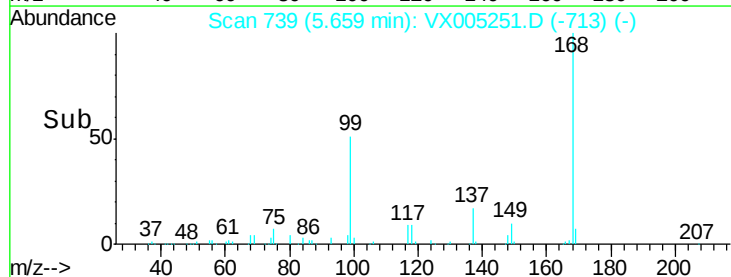
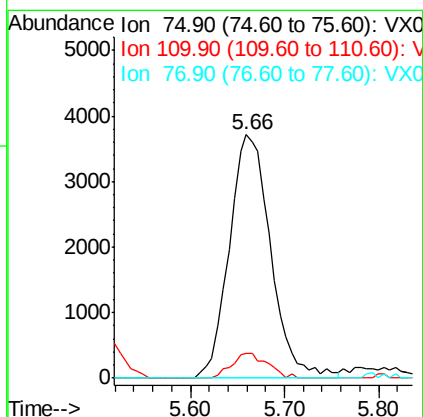
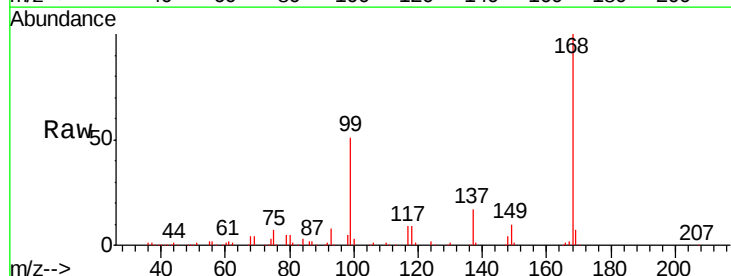
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-CHY02

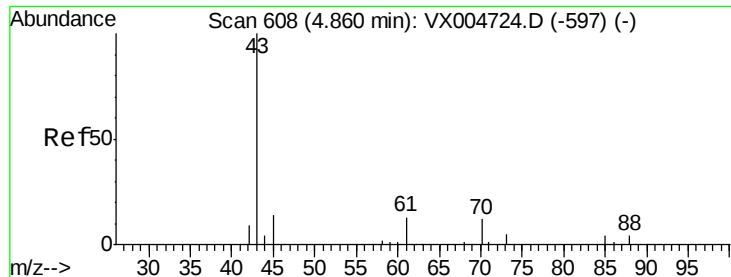
Tgt Ion:113 Resp: 106144
 Ion Ratio Lower Upper
 113 100
 111 101.0 77.0 115.4
 192 24.1 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005251.D
 Acq: 11 Oct 2018 13:01

Tgt Ion: 75 Resp: 11385
 Ion Ratio Lower Upper
 75 100
 110 8.8 20.0 59.9#
 77 0.0 27.1 40.7#





#37

Ethyl Acetate

Concen: 77.31 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

FA18-CHY02

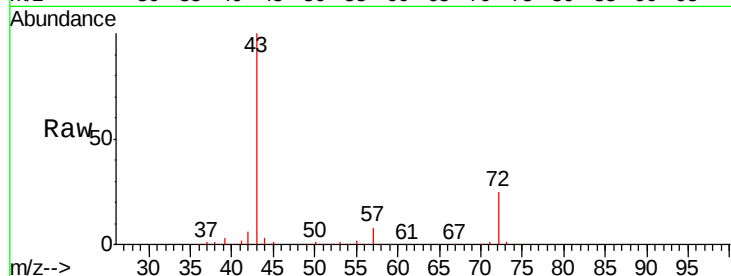
Tgt Ion: 43 Resp: 302821

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

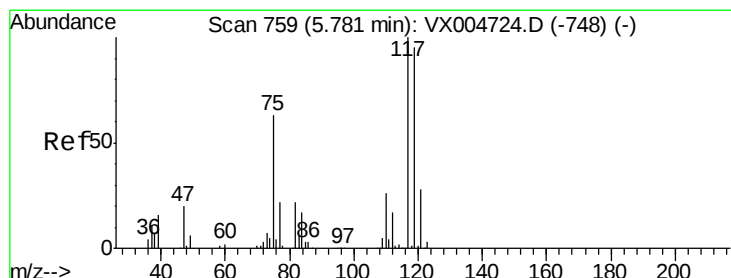
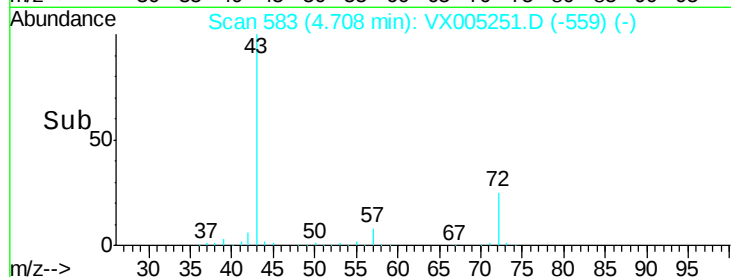
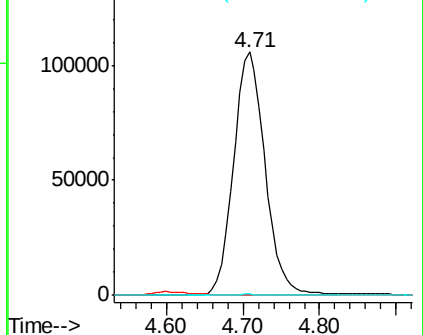
70 0.5 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.79 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

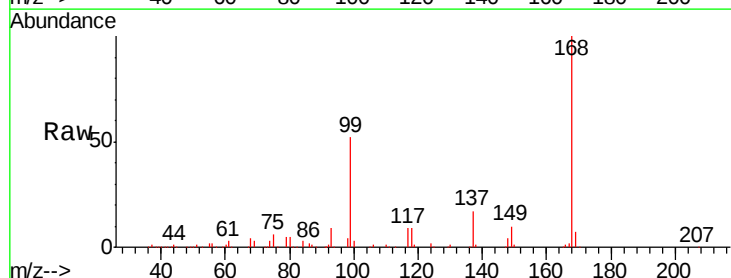
Tgt Ion: 117 Resp: 14852

Ion Ratio Lower Upper

117 100

119 8.2 75.2 112.8#

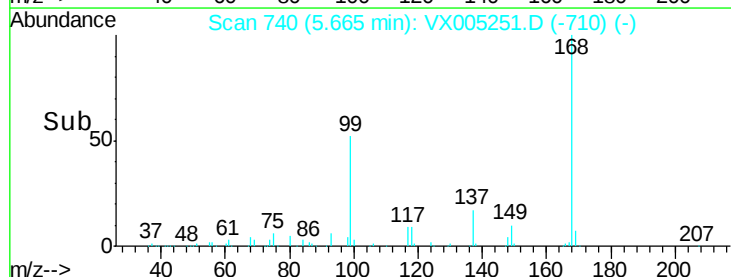
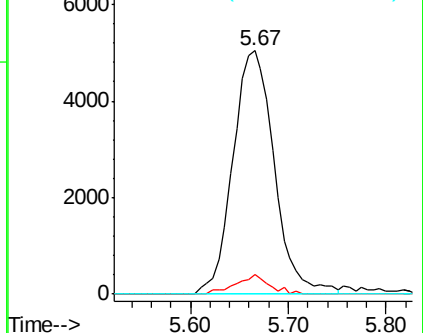
121 0.0 22.5 33.7#

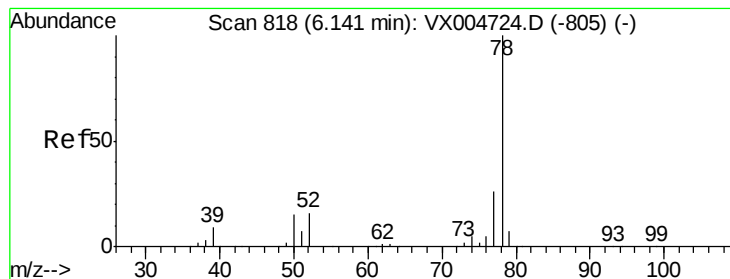


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.34 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

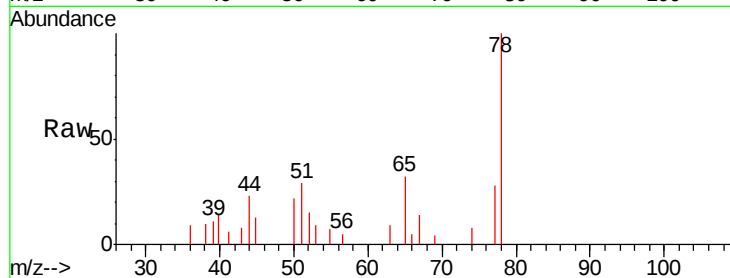
FA18-CHY02

Tgt Ion: 78 Resp: 3129

Ion Ratio Lower Upper

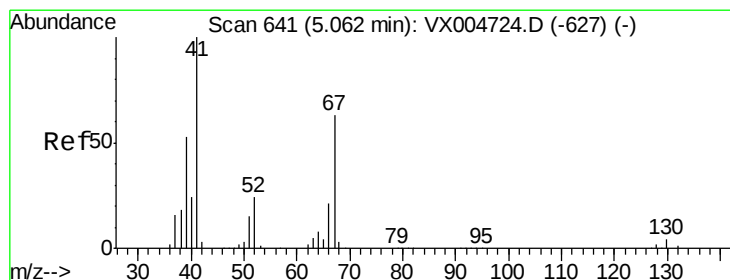
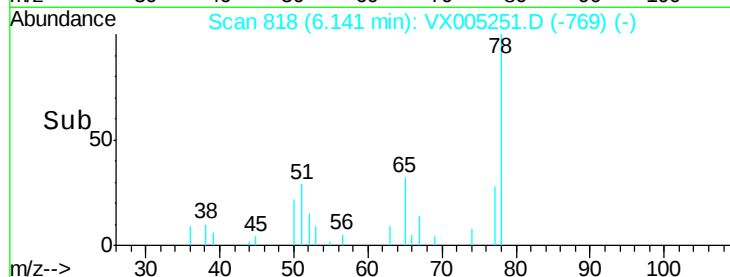
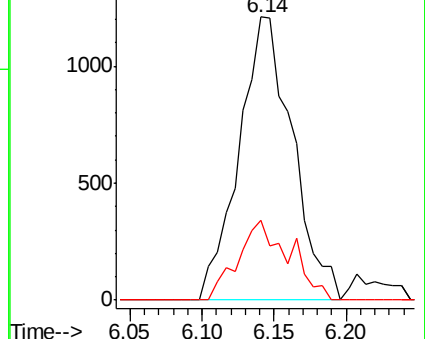
78 100

77 28.3 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 18.27 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.14 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Tgt Ion: 41 Resp: 39692

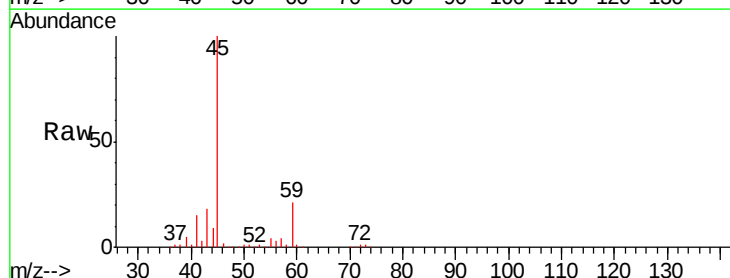
Ion Ratio Lower Upper

41 100

39 40.7 42.5 63.7#

67 0.0 53.0 79.6#

52 1.4 19.8 29.8#

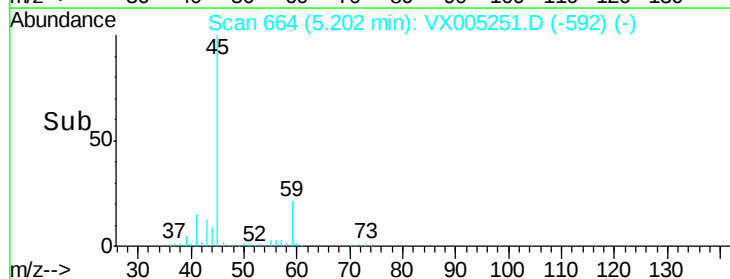
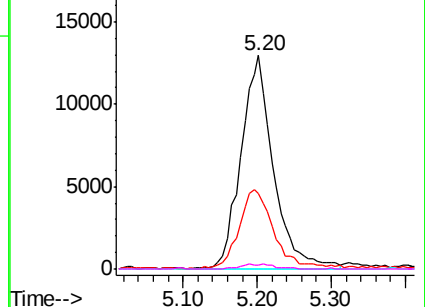


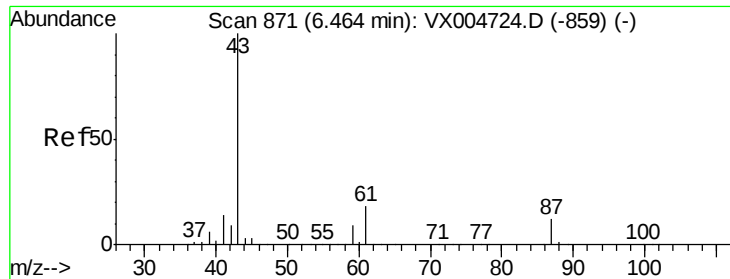
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.84 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-CHY02

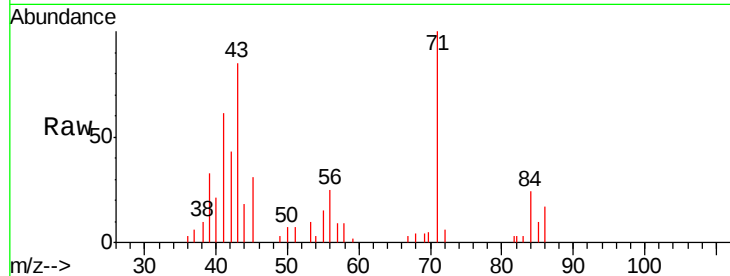
Tgt Ion: 43 Resp: 4735

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

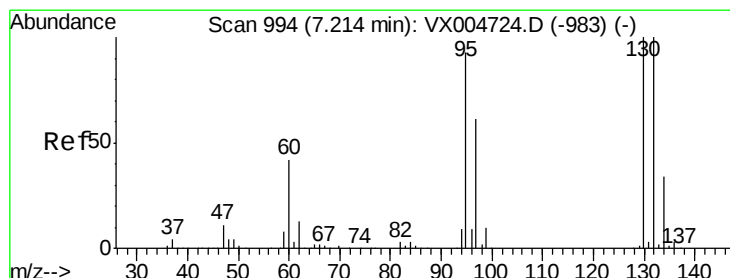
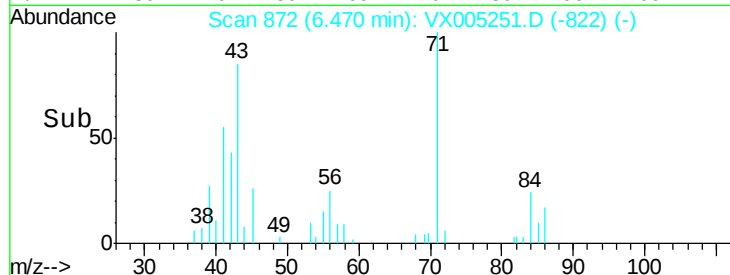
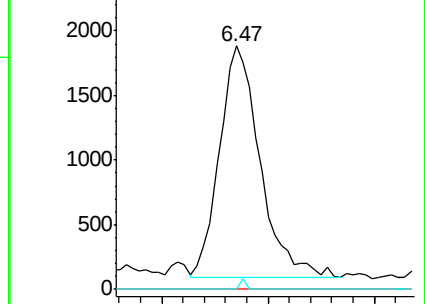
87 0.6 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.30 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005251.D

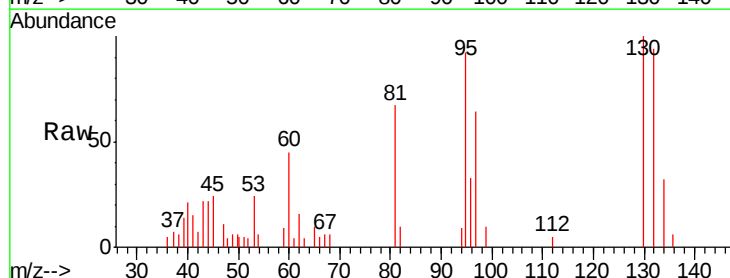
Acq: 11 Oct 2018 13:01

Tgt Ion: 130 Resp: 2956

Ion Ratio Lower Upper

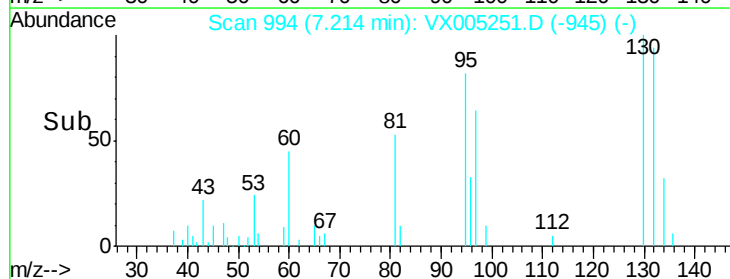
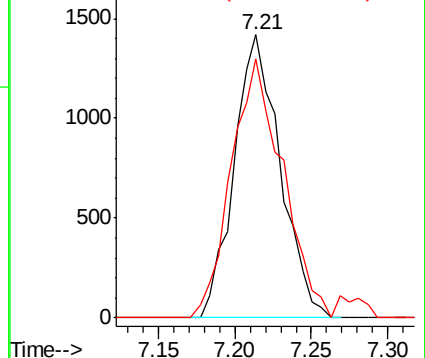
130 100

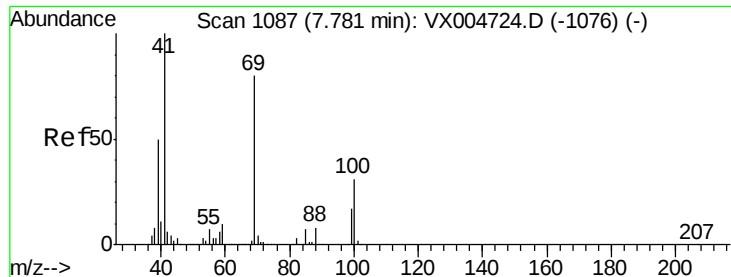
95 91.6 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

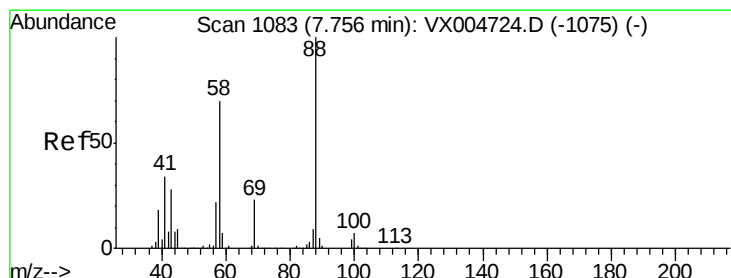
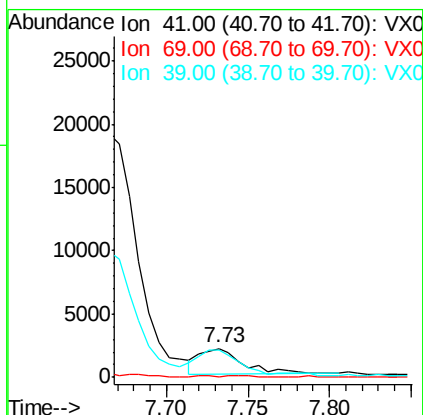
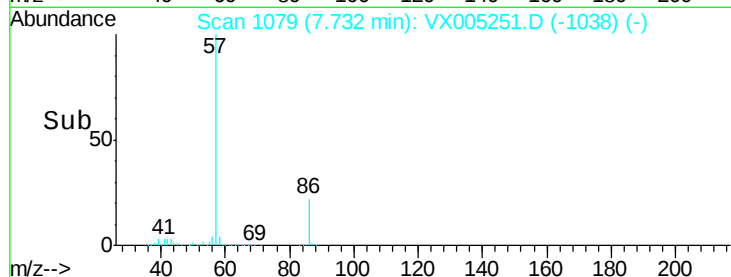
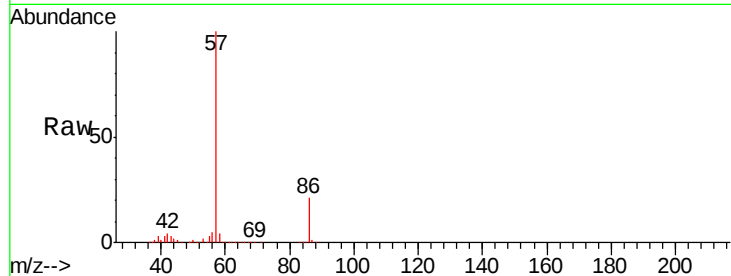




#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

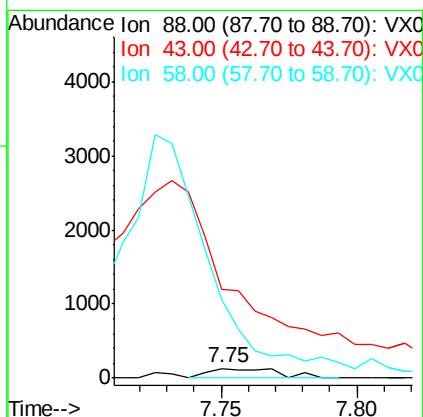
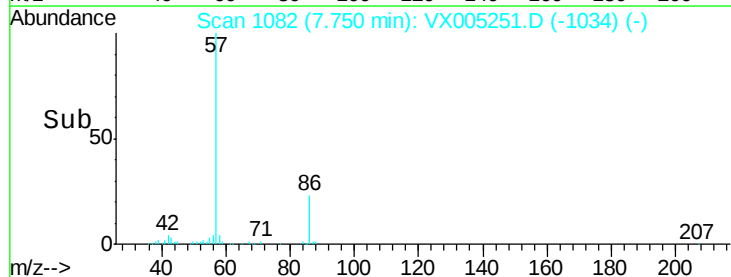
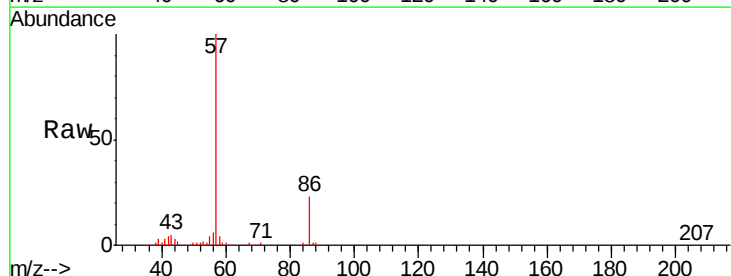
Instrument :
MSVOA_X
ClientSampled :
FA18-CHY02

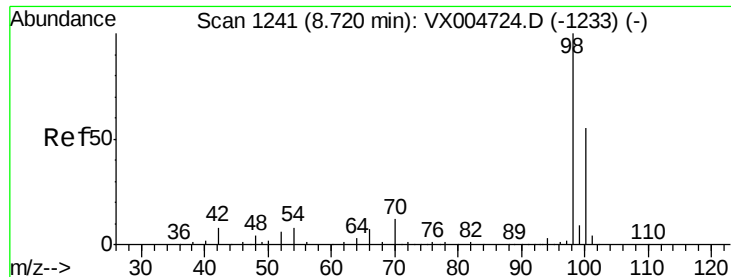
Tgt Ion: 41 Resp: 3738
Ion Ratio Lower Upper
41 100
69 6.5 63.8 95.6#
39 107.7 40.7 61.1#



#49
1,4-Dioxane
Concen: 3.58 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 56.2 84.2#

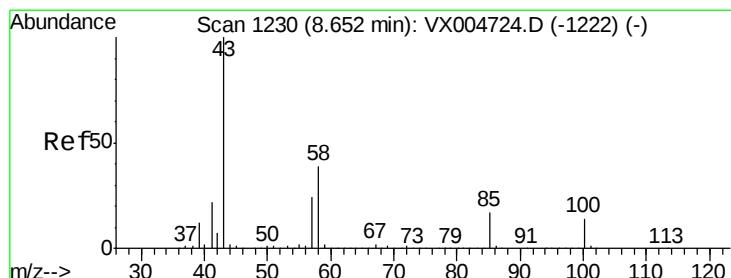
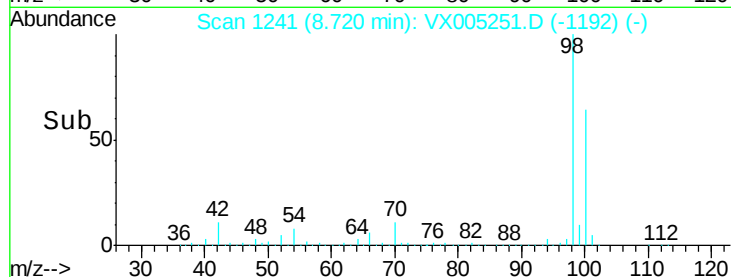
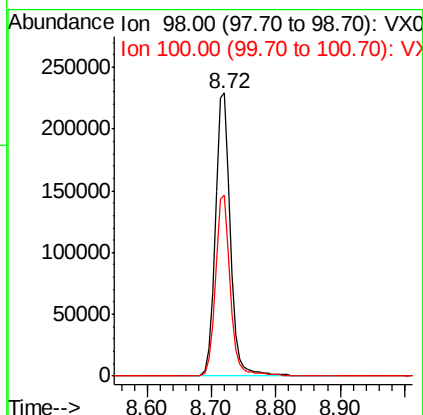
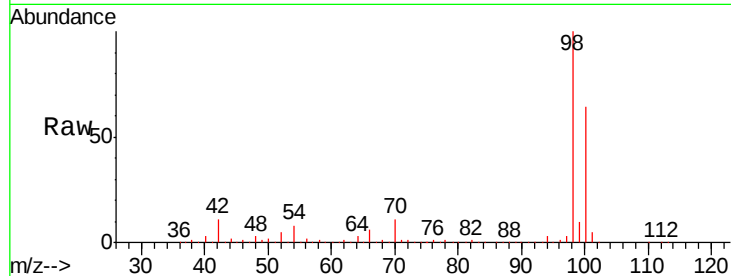




#50
Toluene-d8
Concen: 52.57 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

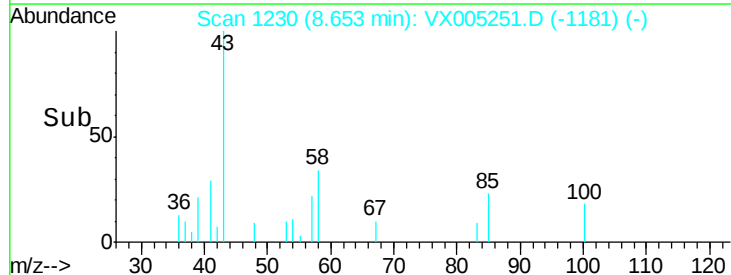
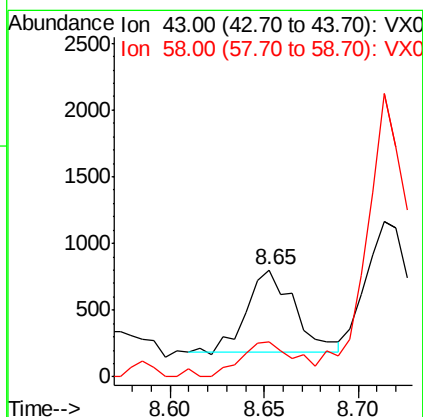
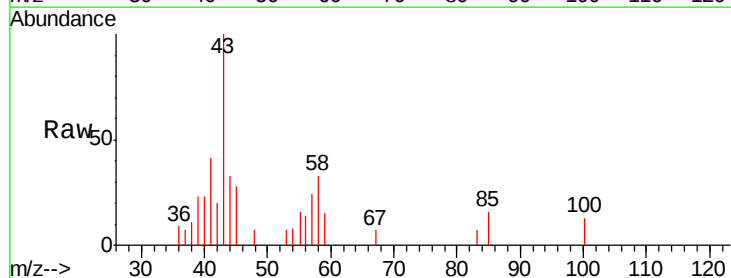
Instrument :
MSVOA_X
ClientSampled :
FA18-CHY02

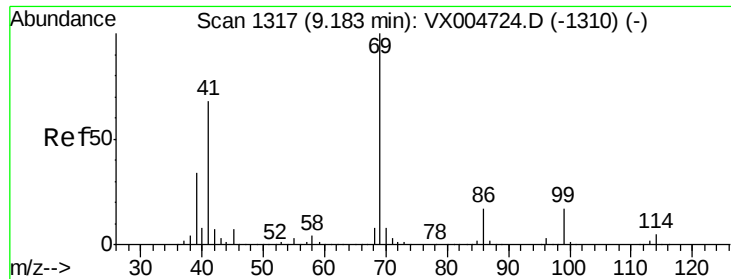
Tgt Ion: 98 Resp: 377956
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 48.4 30.5 45.7#





#56

Ethyl methacrylate

Concen: 2.88 ug/l

RT: 9.20 min Scan# 1319

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

FA18-CHY02

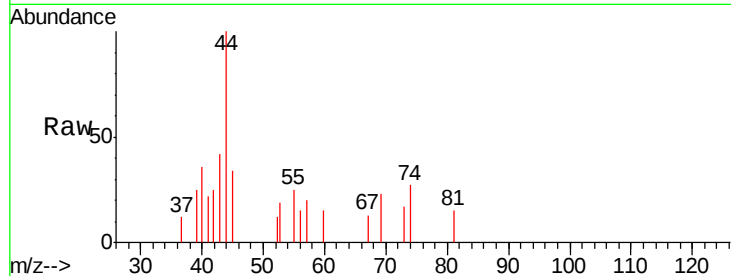
Tgt Ion: 69 Resp: 75

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

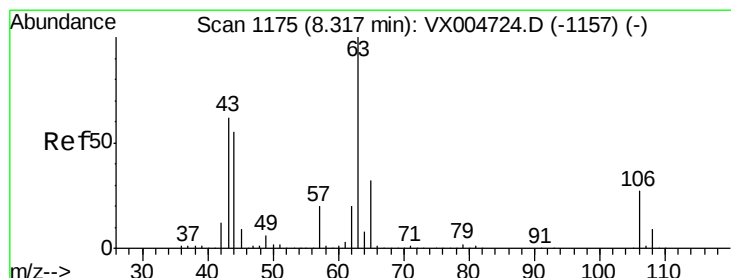
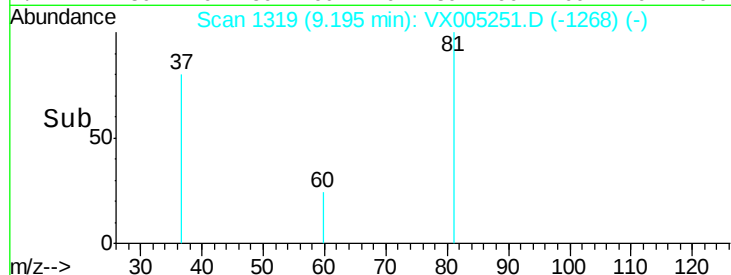
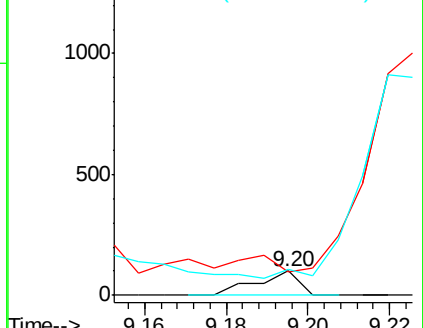
39 0.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 14.25 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX005251.D

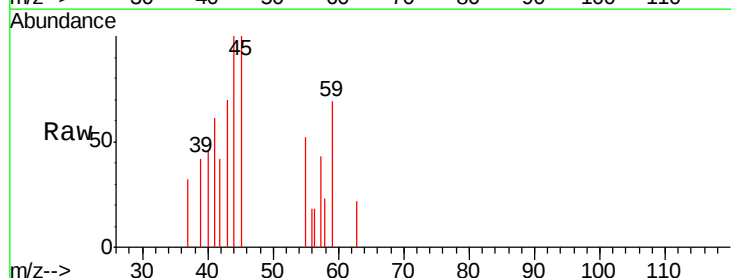
Acq: 11 Oct 2018 13:01

Tgt Ion: 63 Resp: 24

Ion Ratio Lower Upper

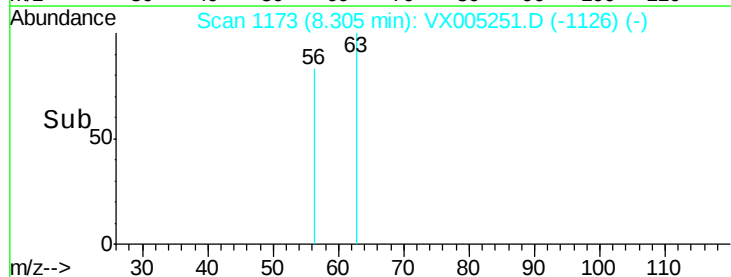
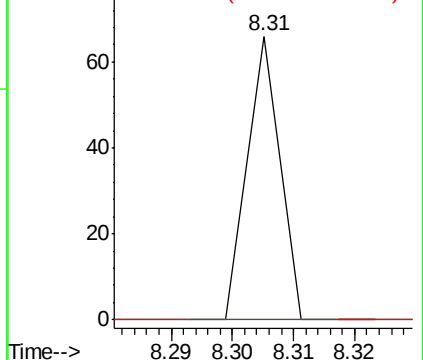
63 100

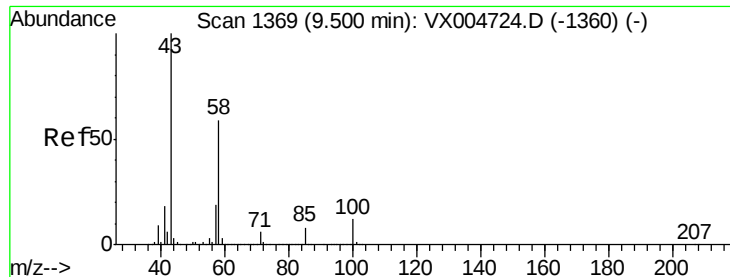
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

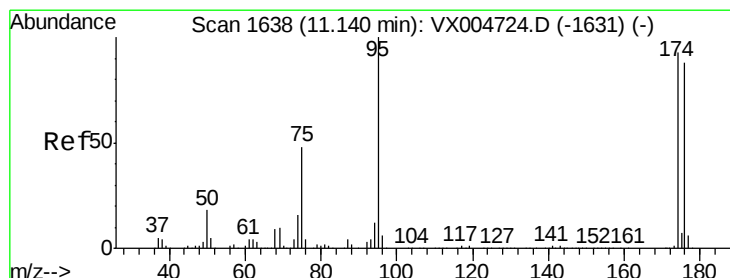
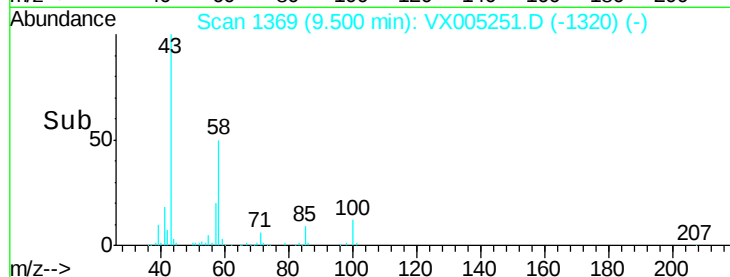
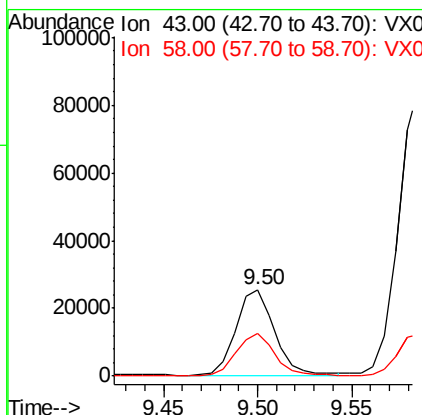
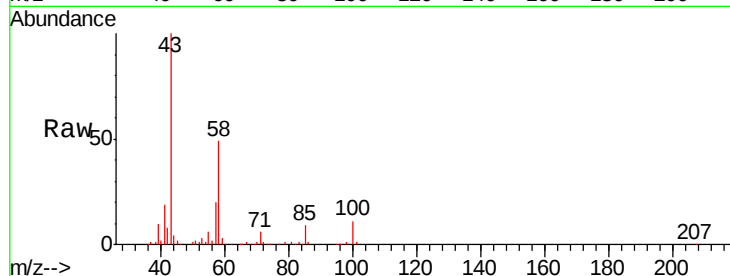




#59
2-Hexanone
Concen: 12.22 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

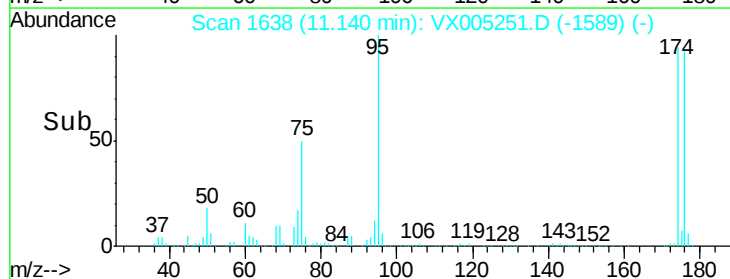
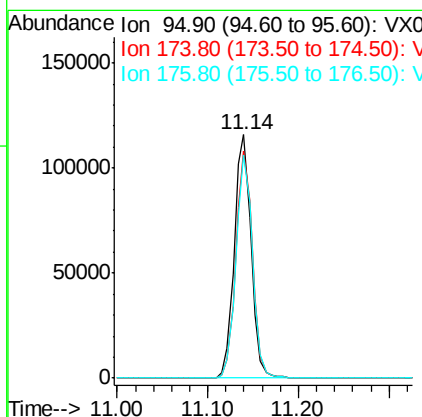
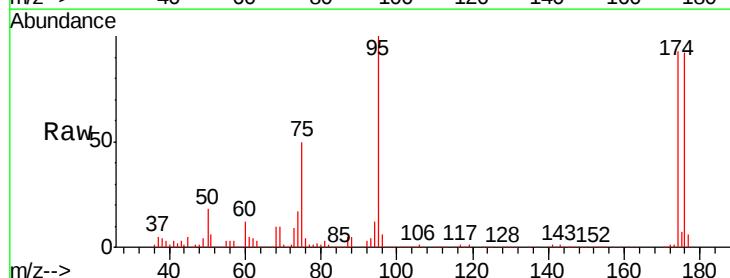
Instrument :
MSVOA_X
ClientSampleId :
FA18-CHY02

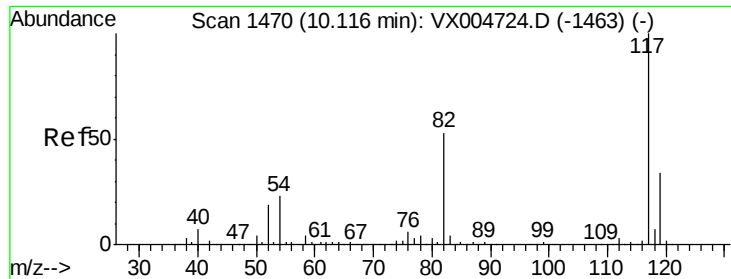
Tgt Ion: 43 Resp: 36235
Ion Ratio Lower Upper
43 100
58 50.3 28.4 85.3



#62
4-Bromofluorobenzene
Concen: 57.27 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

Tgt Ion: 95 Resp: 148337
Ion Ratio Lower Upper
95 100
174 92.1 0.0 185.0
176 90.0 0.0 180.2

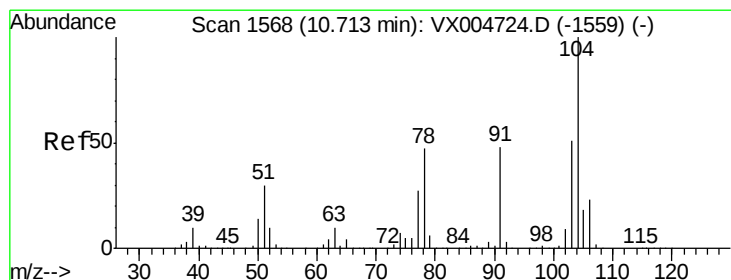
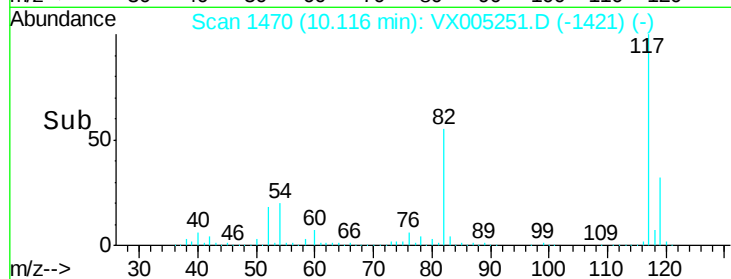
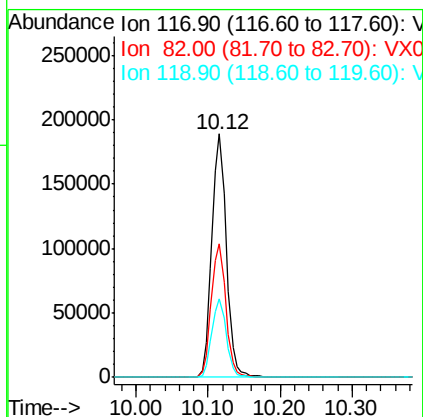
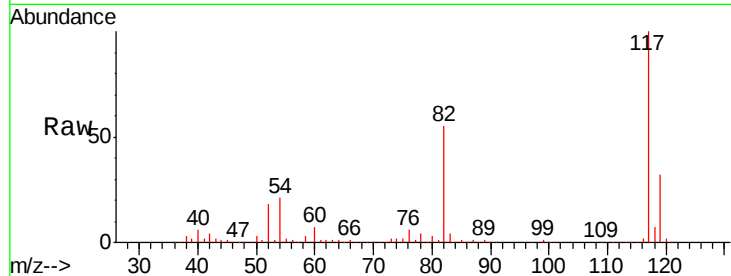




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

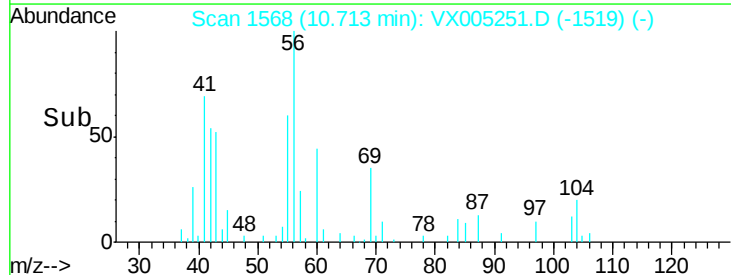
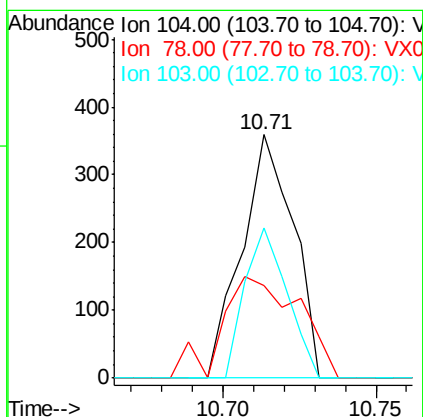
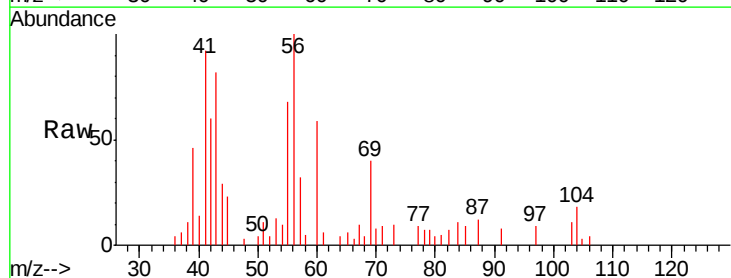
Instrument :
MSVOA_X
ClientSampled :
FA18-CHY02

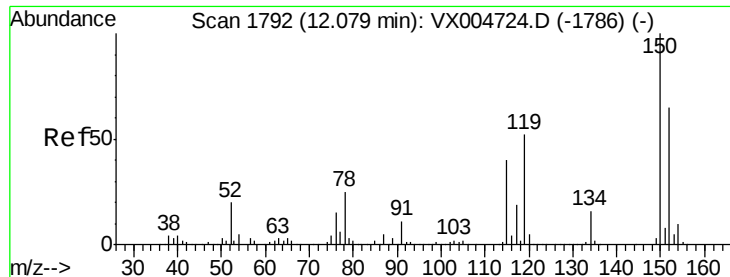
Tgt Ion:117 Resp: 264968
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 32.5 27.4 41.0



#70
Styrene
Concen: 2.20 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

Tgt Ion:104 Resp: 420
Ion Ratio Lower Upper
104 100
78 62.9 40.0 60.0#
103 50.2 44.3 66.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

FA18-CHY02

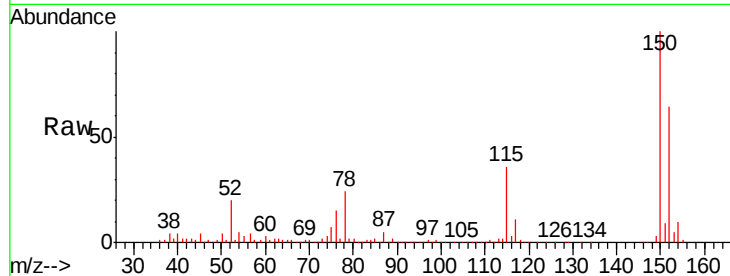
Tgt Ion:152 Resp: 154742

Ion Ratio Lower Upper

152 100

115 56.9 40.2 120.6

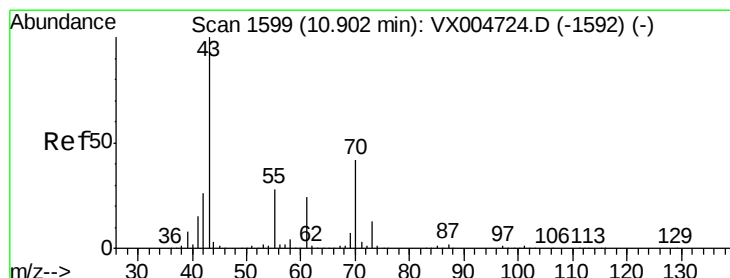
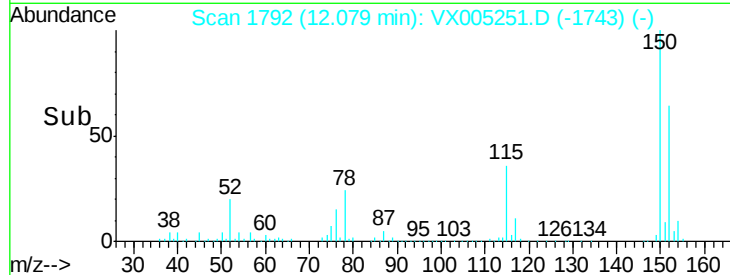
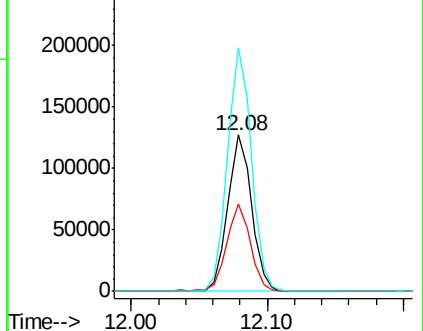
150 156.9 0.0 351.0



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



#74

N-ethyl acetate

Concen: 6.49 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Tgt Ion: 43 Resp: 26323

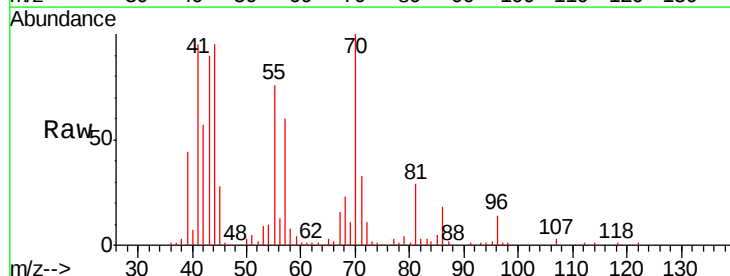
Ion Ratio Lower Upper

43 100

70 148.6 32.6 48.8#

55 93.8 21.6 32.4#

61 2.3 19.1 28.7#

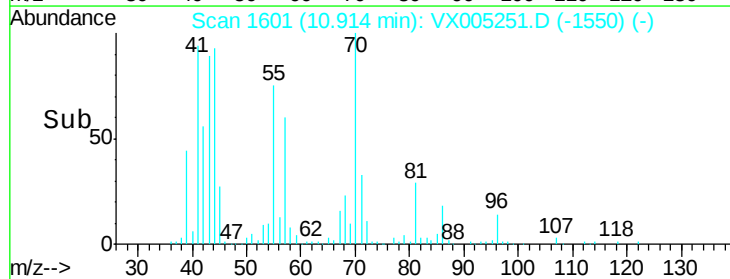
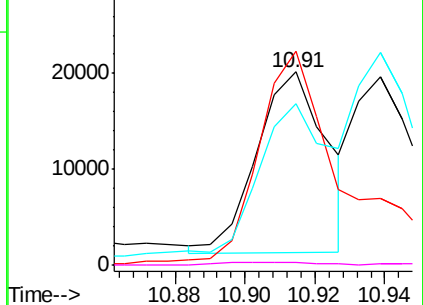


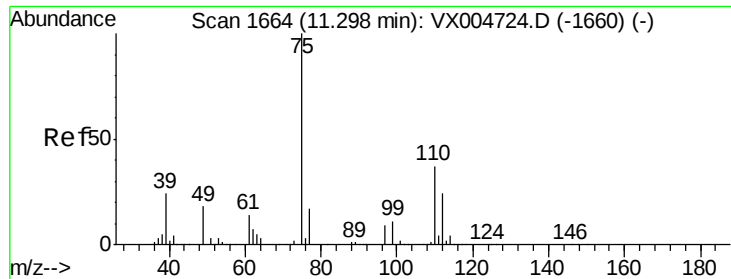
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 21.50 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

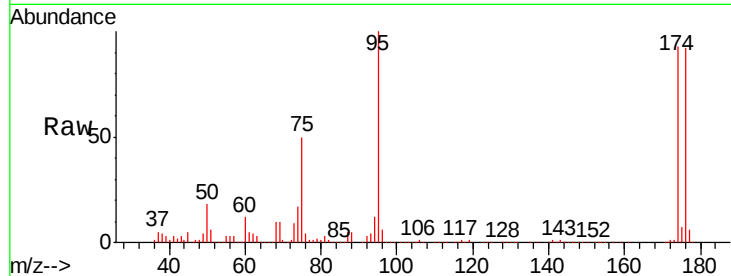
FA18-CHY02

Tgt Ion: 75 Resp: 74557

Ion Ratio Lower Upper

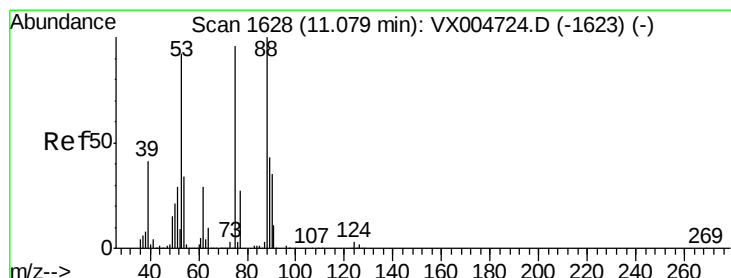
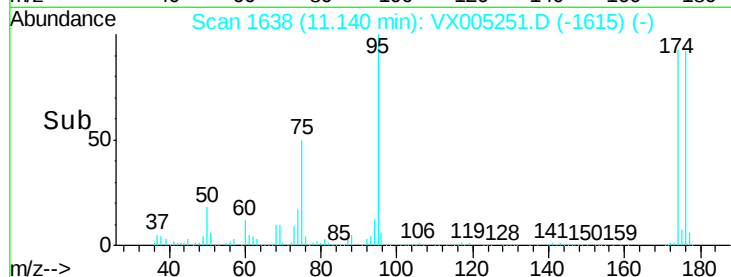
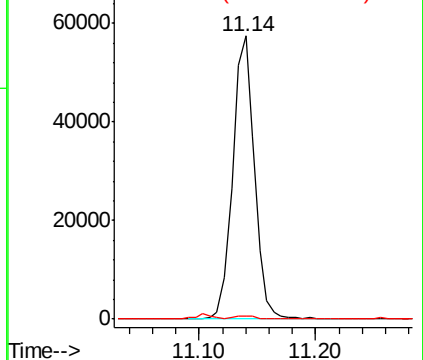
75 100

77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 58.29 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005251.D

Acq: 11 Oct 2018 13:01

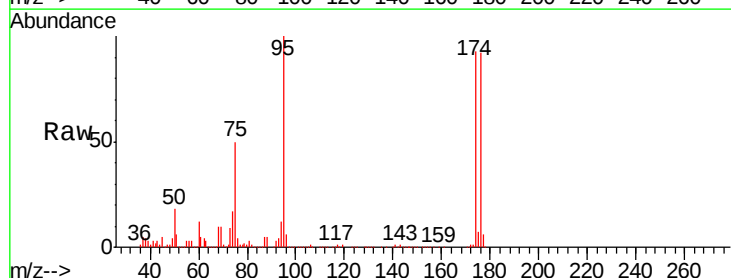
Tgt Ion: 75 Resp: 74557

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.4#

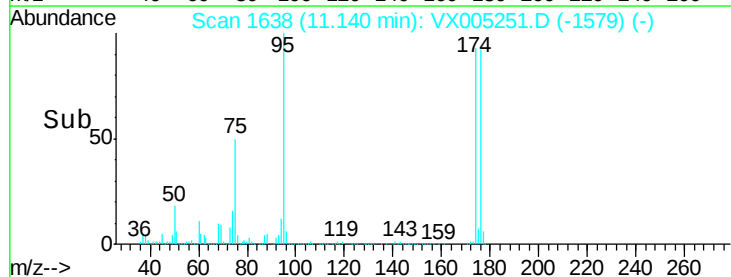
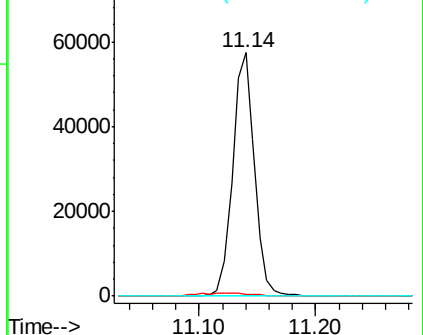
89 0.1 37.1 55.7#

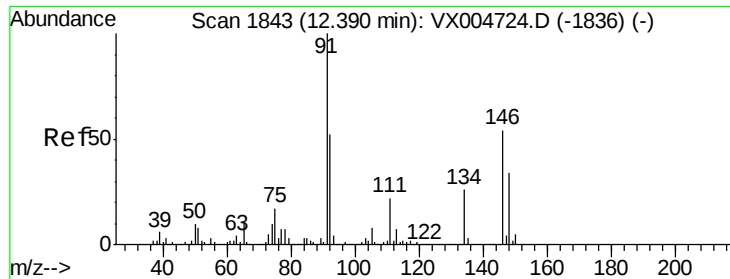


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

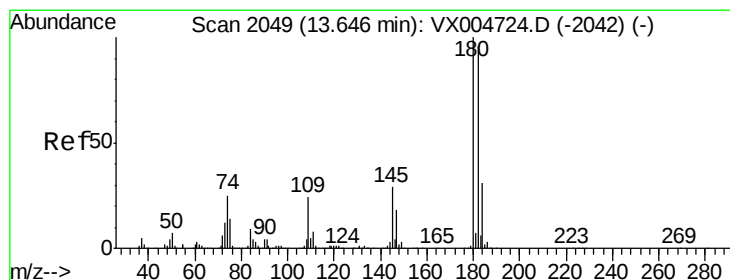
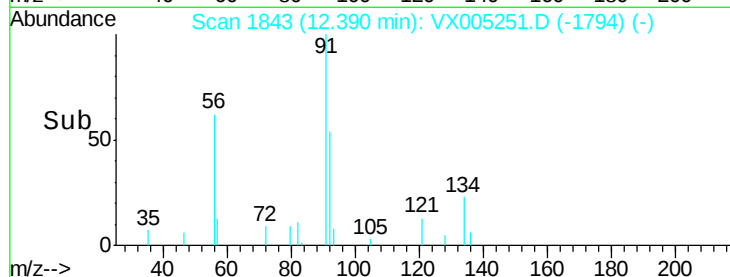
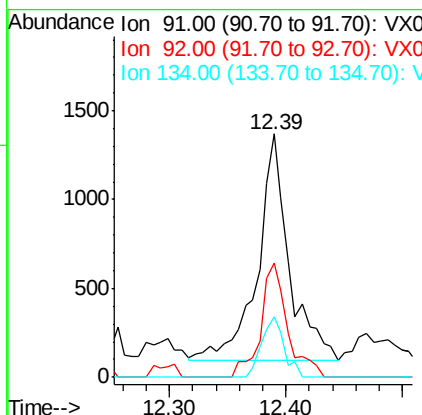
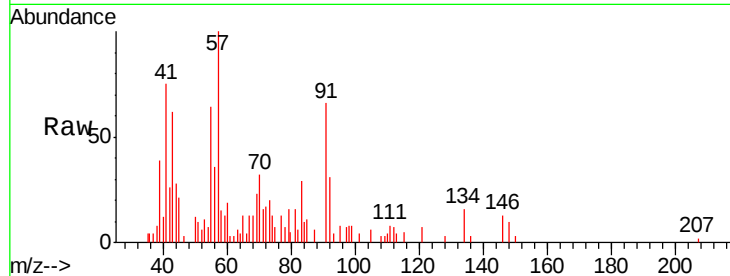




#89
n-Butylbenzene
Concen: 0.30 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

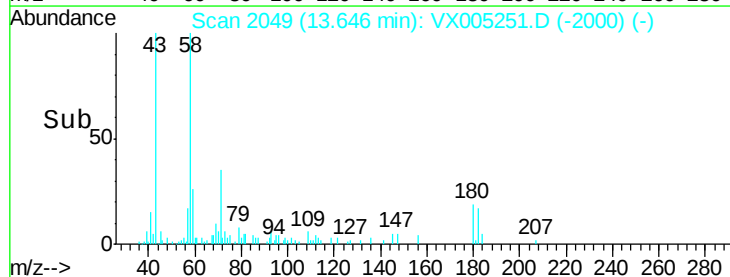
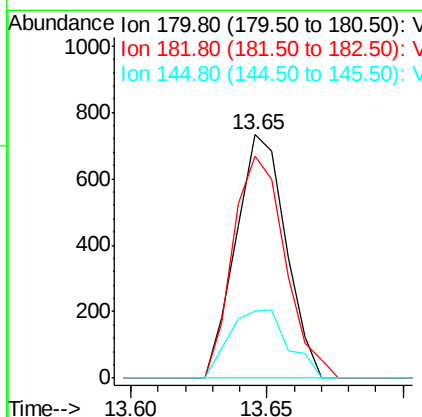
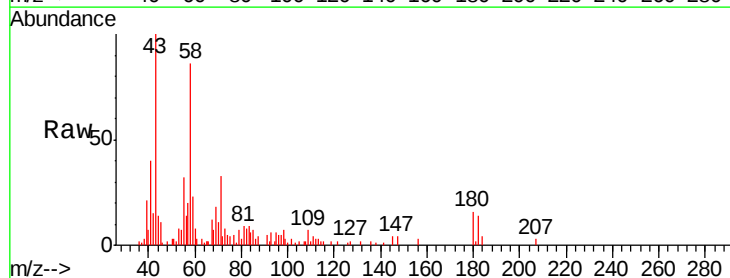
Instrument :
MSVOA_X
ClientSampled :
FA18-CHY02

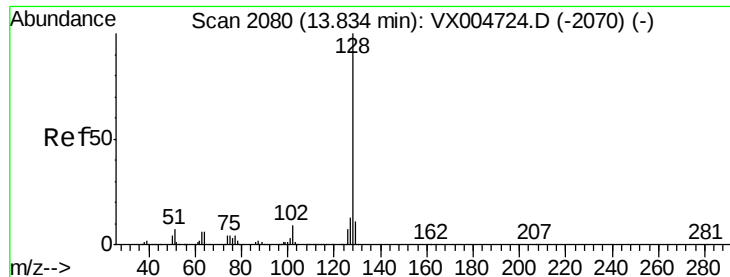
Tgt Ion: 91 Resp: 2426
Ion Ratio Lower Upper
91 100
92 42.6 26.0 78.0
134 18.9 13.2 39.6



#93
1,2,4-Trichlorobenzene
Concen: 0.24 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005251.D
Acq: 11 Oct 2018 13:01

Tgt Ion: 180 Resp: 931
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 32.8 14.1 42.4





#95

Naphthalene

Concen: 0.87 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005251.D

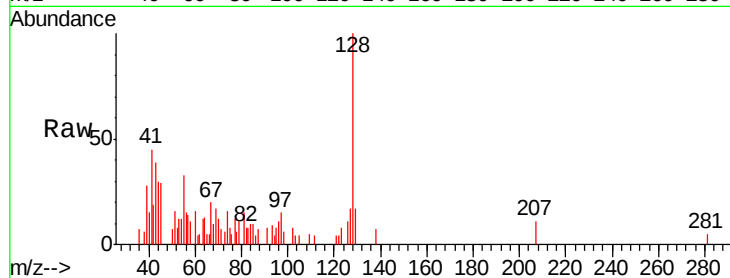
Acq: 11 Oct 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

FA18-CHY02



Tgt Ion:128 Resp: 1985

Ion Ratio Lower Upper

128 100

127 15.1 10.4 15.6

129 10.6 8.7 13.1

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

