

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003227.D
 Acq On : 06 Jul 2018 22:00
 Operator : JC/MD
 Sample : J3754-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0143

Quant Time: Jul 07 00:04:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	420304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	189028	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	5.51	113	157097	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	8.72	98	593383	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.14	95	212641	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	157	Below Cal	#	18
3) Chloromethane	1.33	50	796	Below Cal		98
5) Bromomethane	1.65	94	2323	Below Cal		92
6) Chloroethane	1.73	64	274	Below Cal	#	43
10) Methyl Iodide	2.52	142	2878	6.98	ug/l	96
11) Tert butyl alcohol	3.07	59	6747	8.22	ug/l #	88
13) Acrolein	2.31	56	51	4.34	ug/l #	14
14) Allyl chloride	2.84	41	103903	17.93	ug/l #	62
16) Acetone	2.45	43	2480	1.45	ug/l	95
18) Methyl Acetate	2.84	43	255448	53.56	ug/l #	55
20) Methylene Chloride	2.84	84	2792	0.84	ug/l #	1
31) Cyclohexane	5.72	56	70616	13.67	ug/l #	23
36) 1,1-Dichloropropene	5.67	75	19330	4.19	ug/l #	50
38) Carbon Tetrachloride	5.67	117	26010	5.14	ug/l #	17
39) Methylcyclohexane	7.46	83	3483	0.65	ug/l #	83
40) Benzene	6.15	78	35823	2.67	ug/l	97
43) Isopropyl Acetate	6.35	43	39325	4.72	ug/l #	63
51) 4-Methyl-2-Pentanone	8.72	43	2809	0.54	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	4779	1.36	ug/l #	19
56) Ethyl methacrylate	9.16	69	1344	0.26	ug/l #	19
59) 2-Hexanone	9.52	43	4408	1.11	ug/l	96
67) Ethyl Benzene	10.26	91	106003	6.35	ug/l	99
68) m/p-Xylenes	10.37	106	5665	0.88	ug/l	98
73) Isopropylbenzene	11.02	105	28850	1.88	ug/l	99
74) N-amyl acetate	6.35	43	39325	5.23	ug/l #	59
76) 1,2,3-Trichloropropane	11.14	75	106622	25.74	ug/l #	33
78) n-propylbenzene	11.36	91	32374	1.85	ug/l	99
79) 2-Chlorotoluene	11.36	91	32374	3.05	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	6881	0.53	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	106622	73.03	ug/l #	7
83) tert-Butylbenzene	11.77	119	2991	0.23	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	5875	0.44	ug/l	97
85) sec-Butylbenzene	11.95	105	12957	0.84	ug/l #	72
86) p-Isopropyltoluene	12.07	119	11559	0.83	ug/l	91

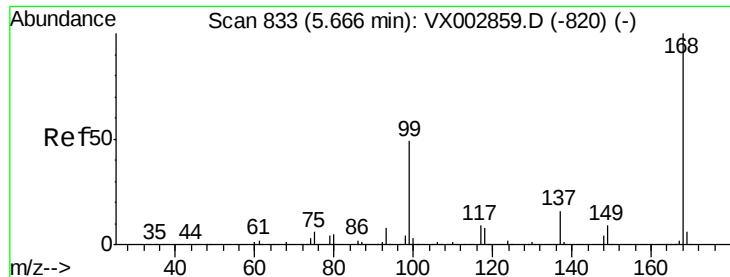
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
Data File : VX003227.D
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Quant Time: Jul 07 00:04:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	3314	0.27	ug/l #	36
90) Hexachloroethane	12.67	117	767	0.37	ug/l #	1
95) Naphthalene	13.83	128	13402	0.86	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

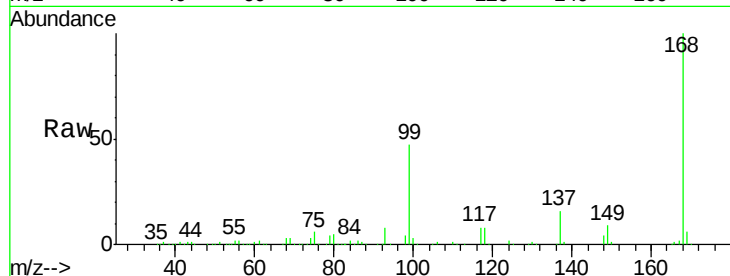
S10-0143

Tot Ion:168 Resp: 298039

Ion Ratio Lower Upper

168 100

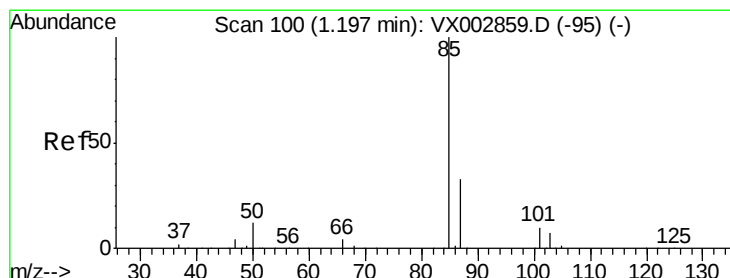
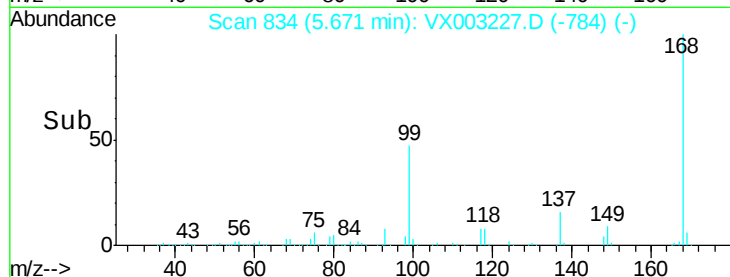
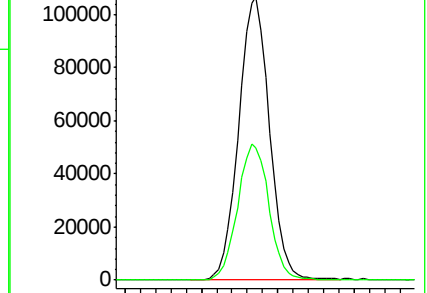
99 46.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003227.D

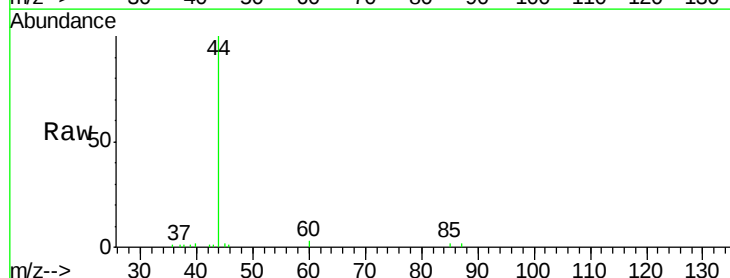
Acq: 06 Jul 2018 22:00

Tgt Ion: 85 Resp: 157

Ion Ratio Lower Upper

85 100

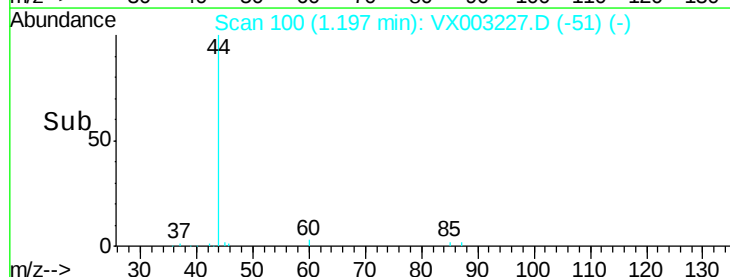
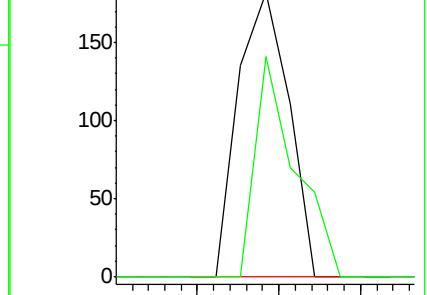
87 77.5 16.0 47.9#

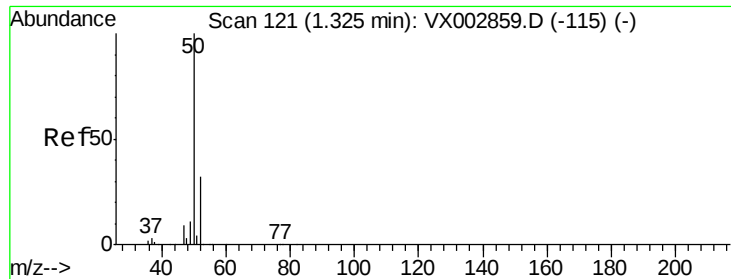


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

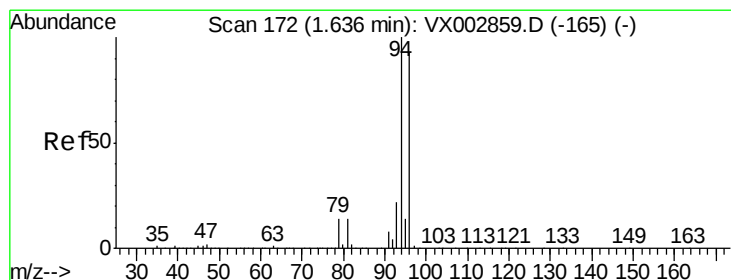
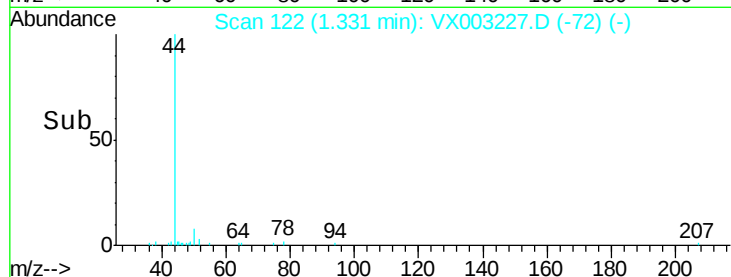
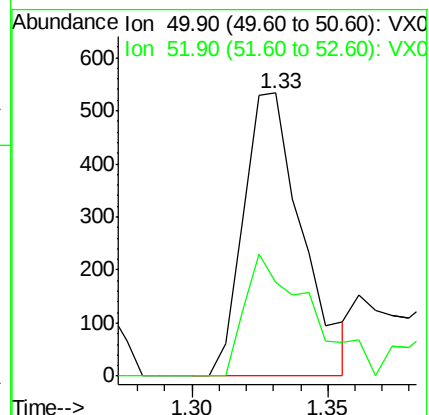
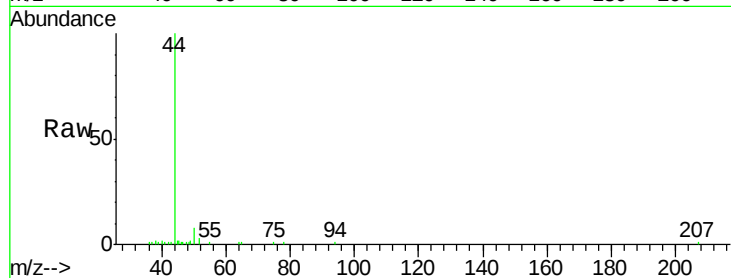
S10-0143

Tot Ion: 50 Resp: 796

Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX003227.D

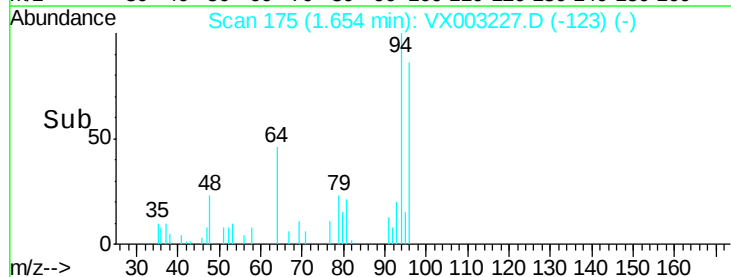
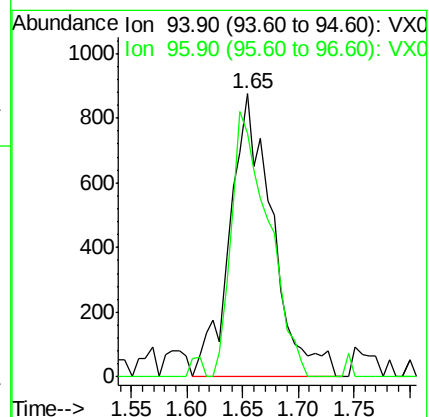
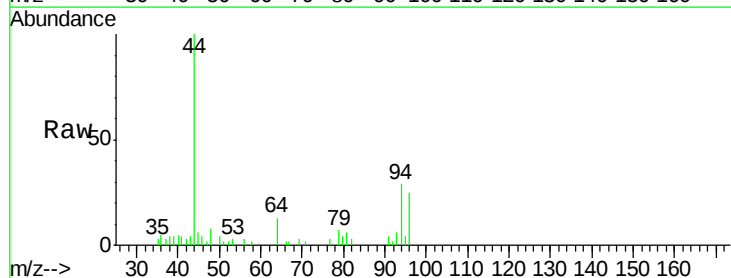
Acq: 06 Jul 2018 22:00

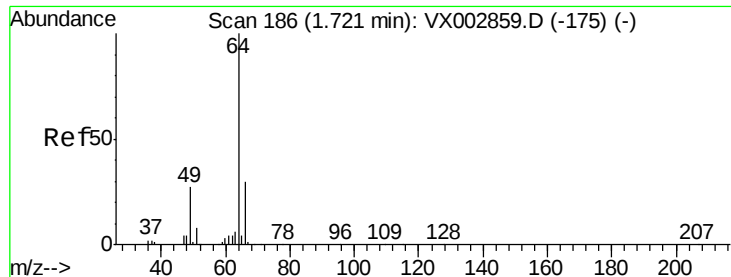
Tgt Ion: 94 Resp: 2323

Ion Ratio Lower Upper

94 100

96 86.2 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampled :

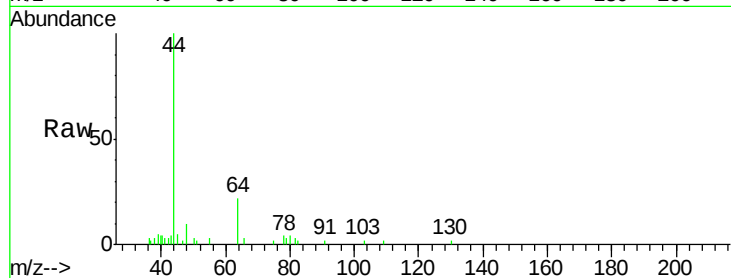
S10-0143

Tot Ion: 64 Resp: 274

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

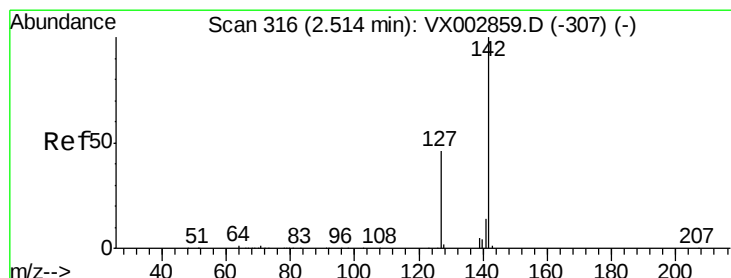
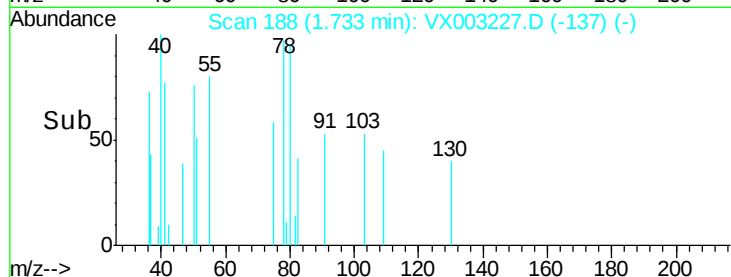
600

400

200

0

Time-->



#10

Methyl Iodide

Concen: 6.98 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

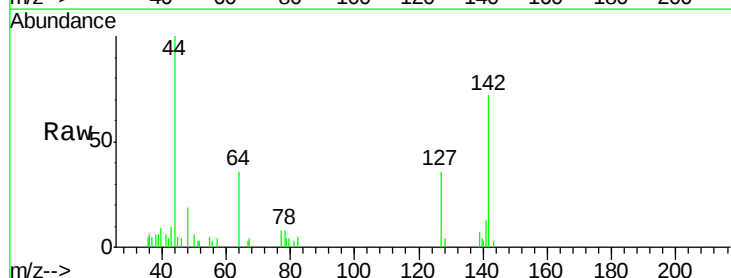
Tgt Ion: 142 Resp: 2878

Ion Ratio Lower Upper

142 100

127 48.3 36.6 55.0

141 15.5 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

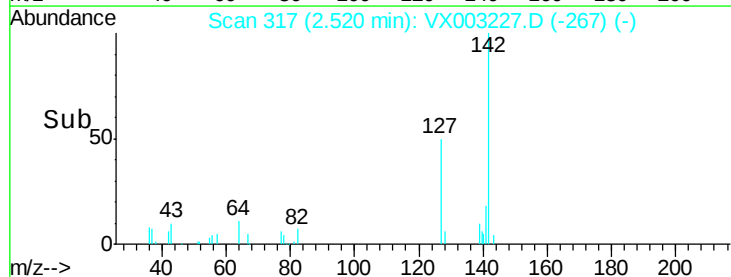
1500

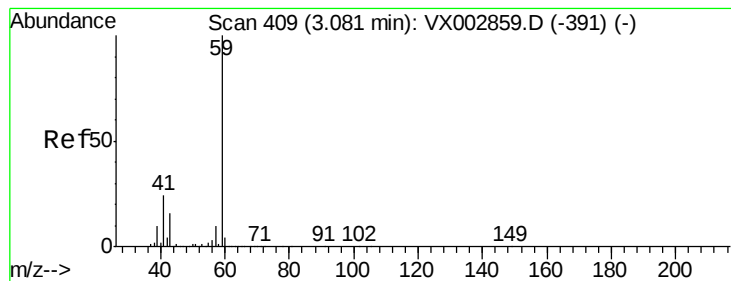
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 8.22 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

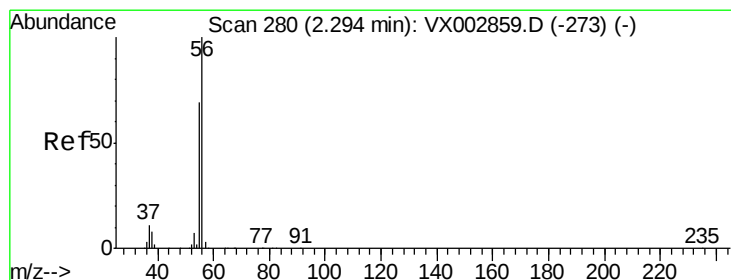
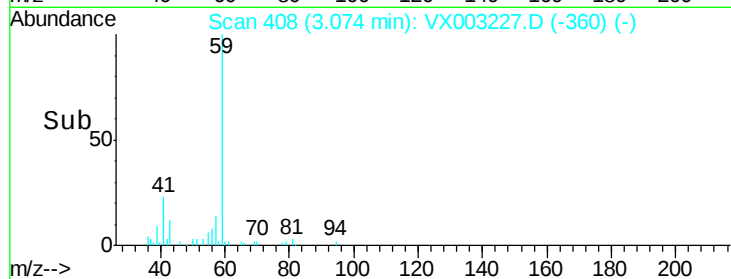
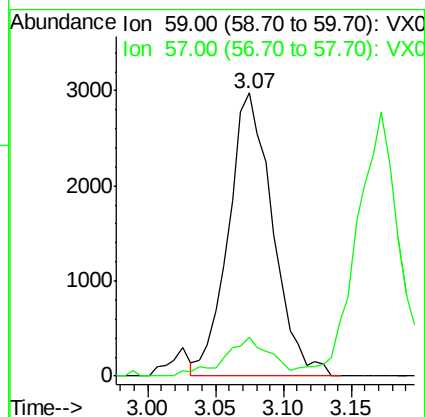
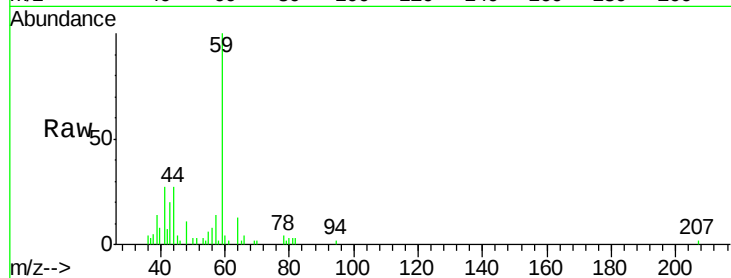
S10-0143

Tot Ion: 59 Resp: 6747

Ion Ratio Lower Upper

59 100

57 14.7 8.2 12.2#



#13

Acrolein

Concen: 4.34 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX003227.D

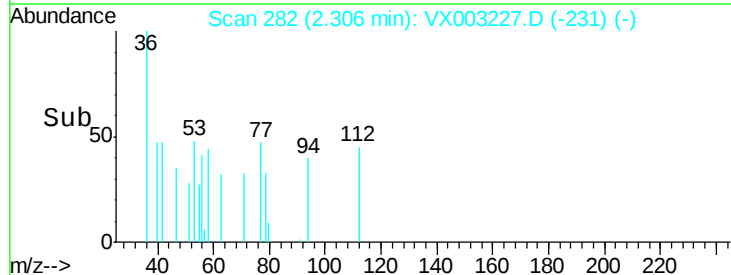
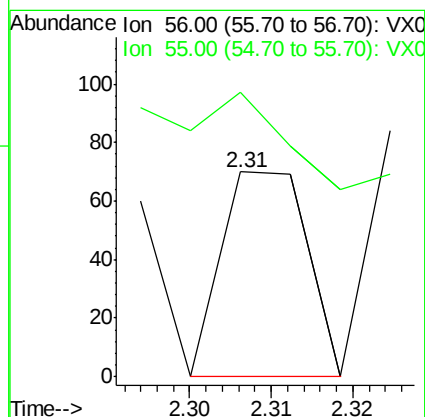
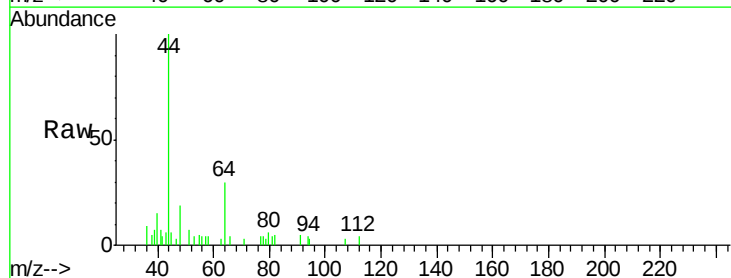
Acq: 06 Jul 2018 22:00

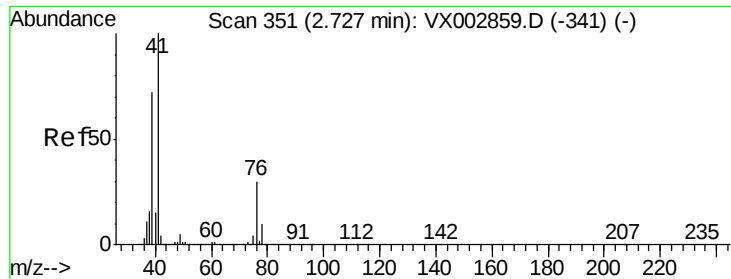
Tgt Ion: 56 Resp: 51

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#





#14

Allvl chloride

Concen: 17.93 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

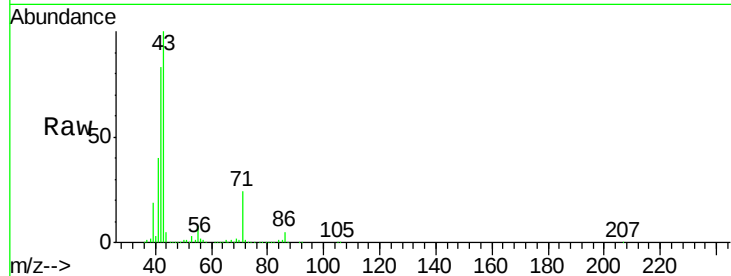
Tot Ion: 41 Resp: 103903

Ion Ratio Lower Upper

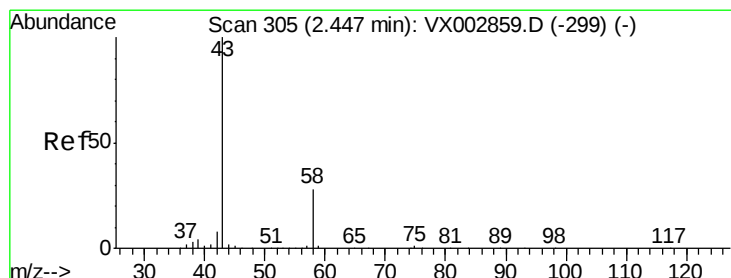
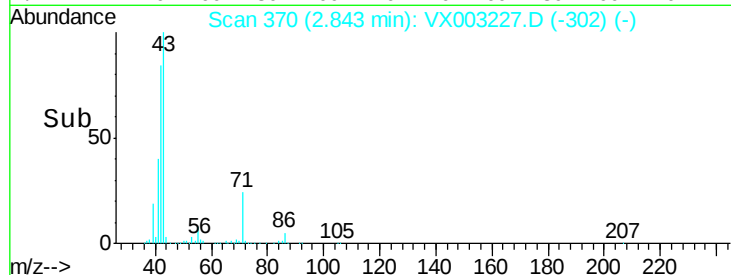
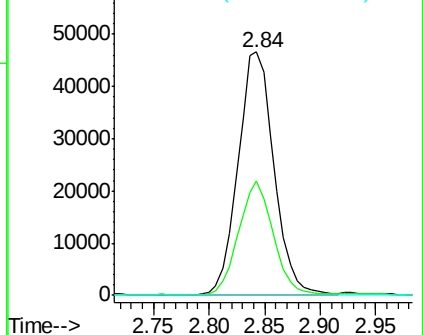
41 100

39 44.9 56.8 85.2#

76 0.0 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0



#16

Acetone

Concen: 1.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003227.D

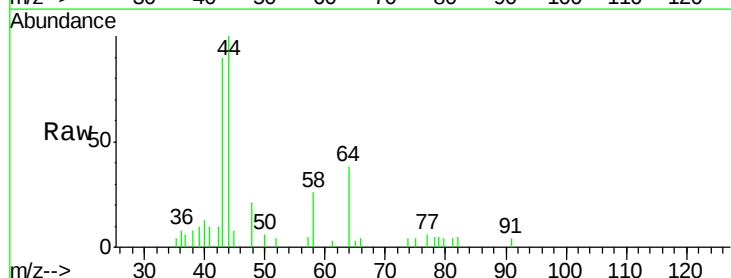
Acq: 06 Jul 2018 22:00

Tgt Ion: 43 Resp: 2480

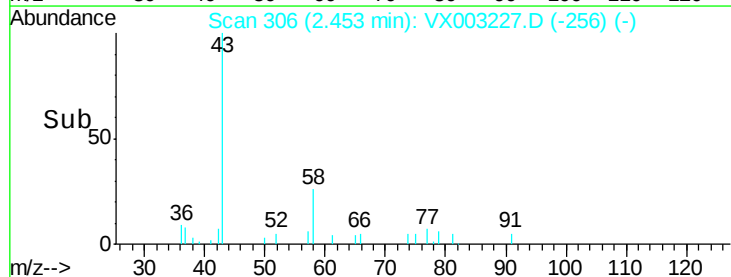
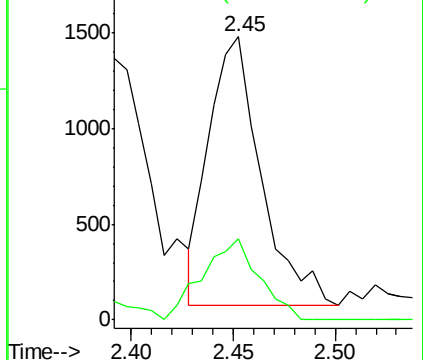
Ion Ratio Lower Upper

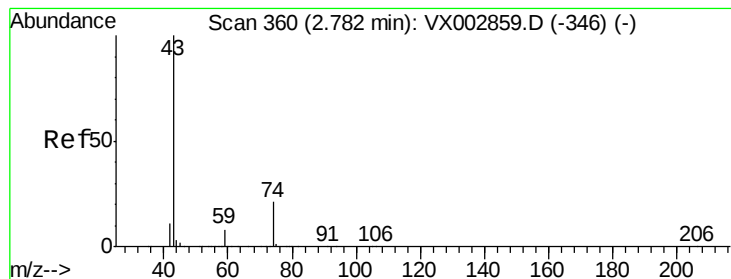
43 100

58 30.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 53.56 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.06 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

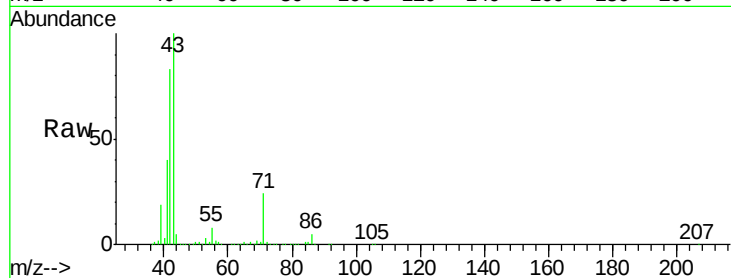
S10-0143

Tot Ion: 43 Resp: 255448

Ion Ratio Lower Upper

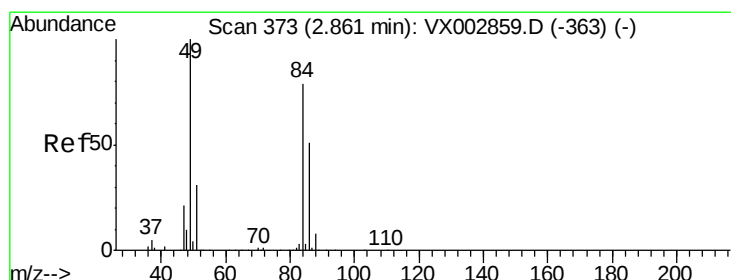
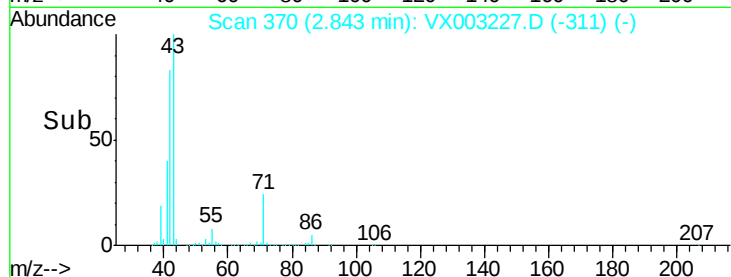
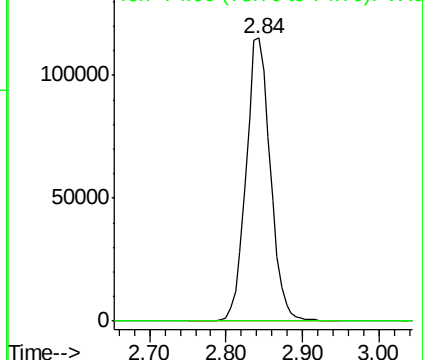
43 100

74 0.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 0.84 ug/l

RT: 2.84 min Scan# 370

Delta R.T. -0.02 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Tgt Ion: 84 Resp: 2792

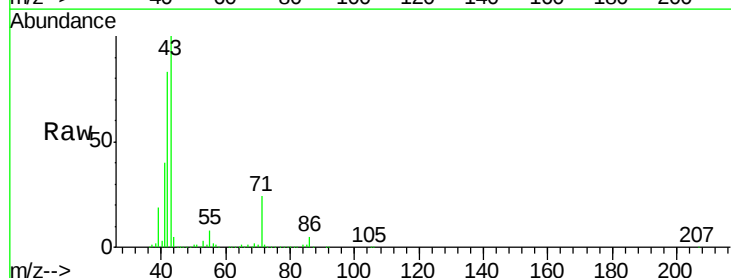
Ion Ratio Lower Upper

84 100

49 38.0 107.8 161.6#

51 151.3 32.8 49.2#

86 531.7 52.5 78.7#

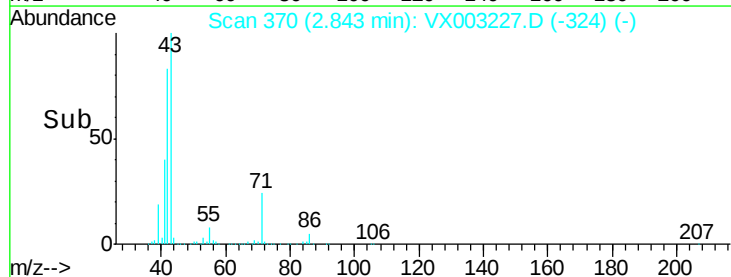
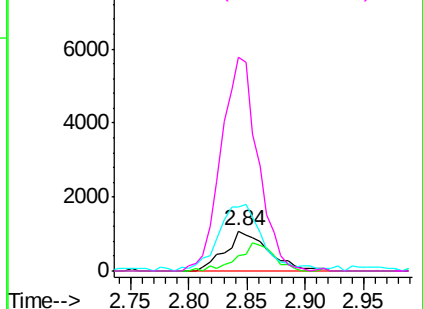


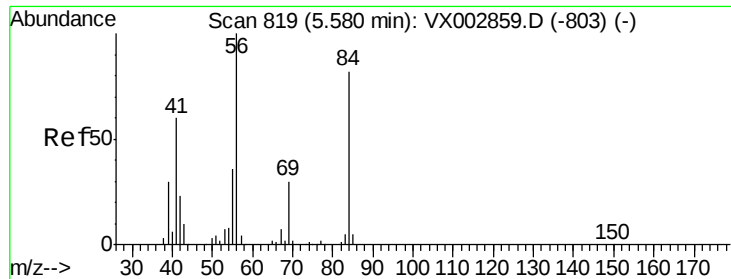
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

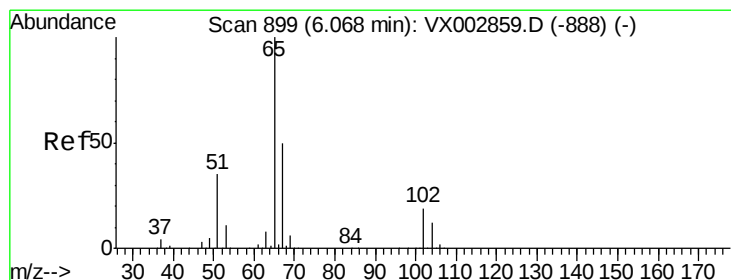
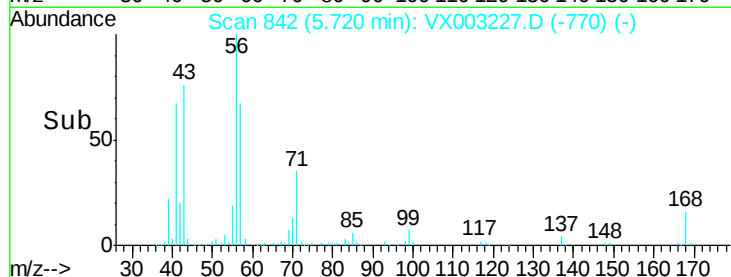
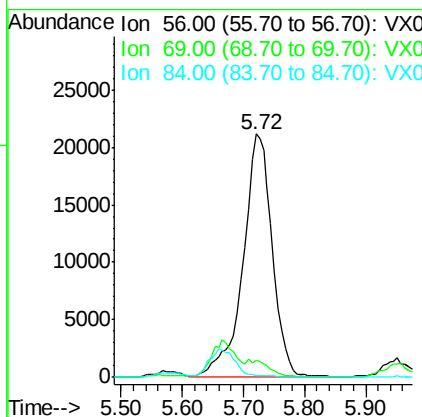
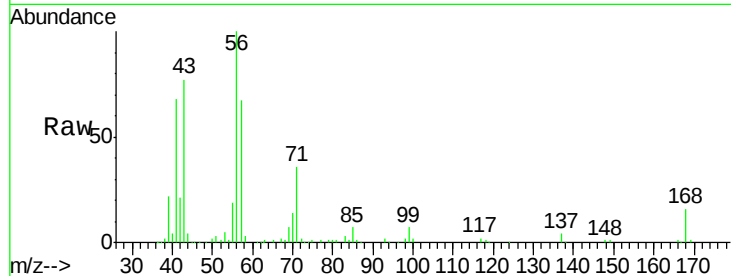




#31
Cyclohexane
Concen: 13.67 ug/l
RT: 5.72 min Scan# 842
Delta R.T. 0.14 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

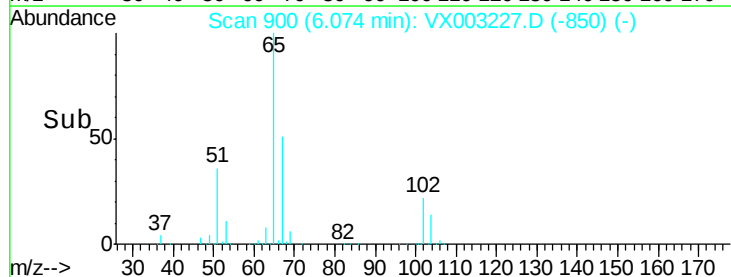
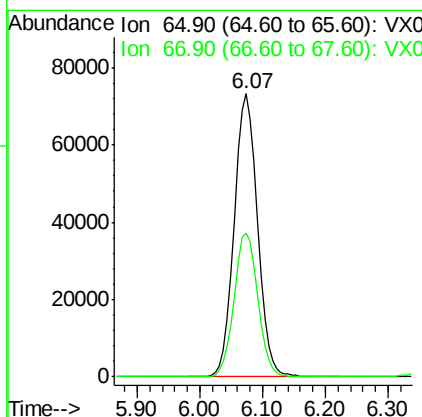
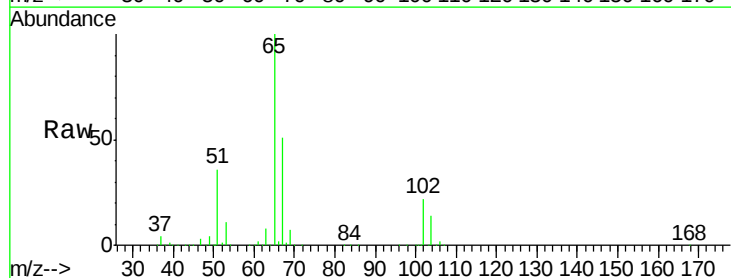
Instrument :
MSVOA_X
ClientSampled :
S10-0143

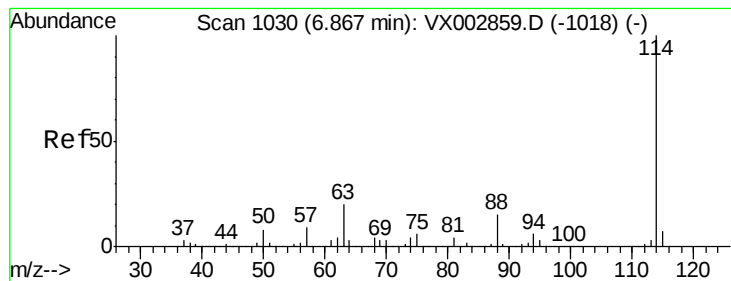
Tot Ion	Ratio	Lower	Upper
56	100		
69	6.9	23.7	35.5#
84	0.9	64.1	96.1#



#33
1,2-Dichloroethane-d4
Concen: 45.89 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

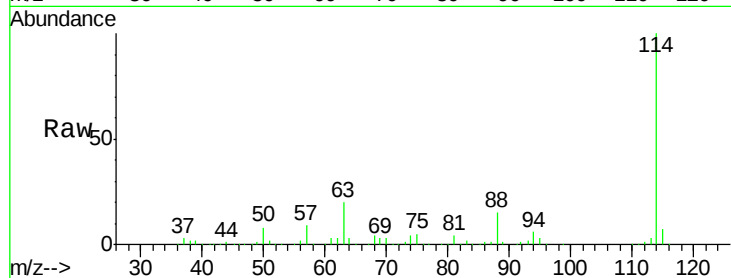
Tot Ion:114 Resp: 420304

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

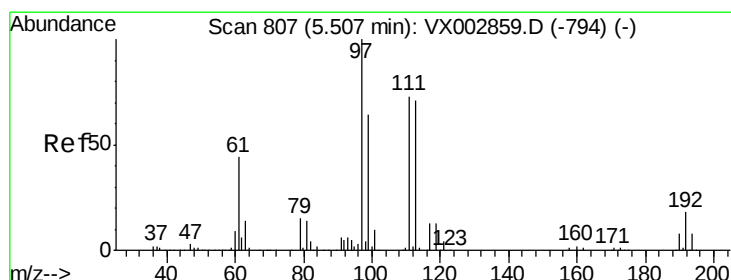
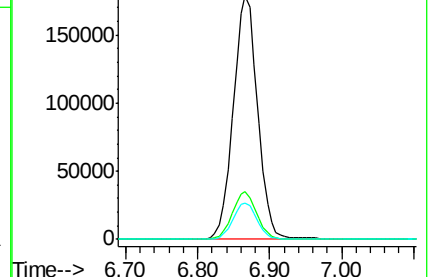
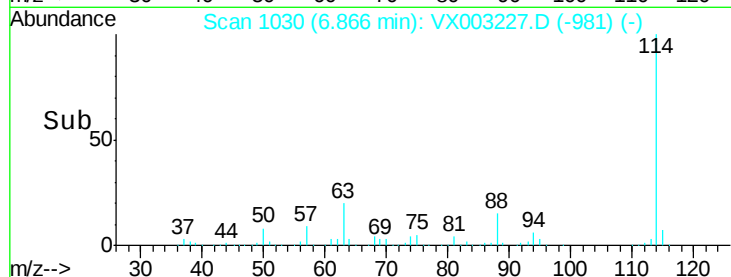
88 15.1 0.0 30.0



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: 47.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

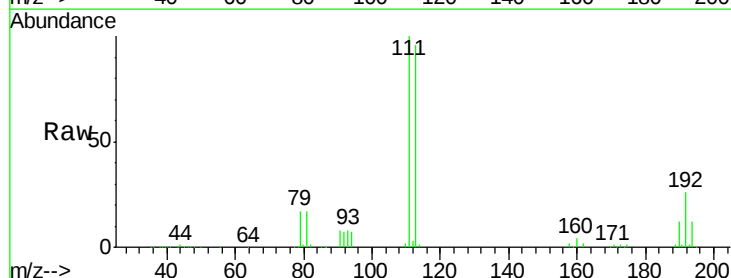
Tgt Ion:113 Resp: 157097

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

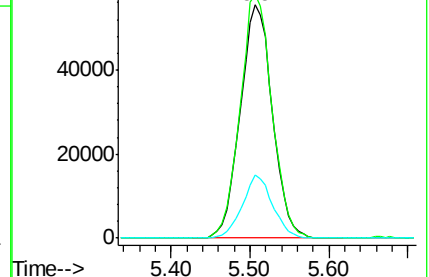
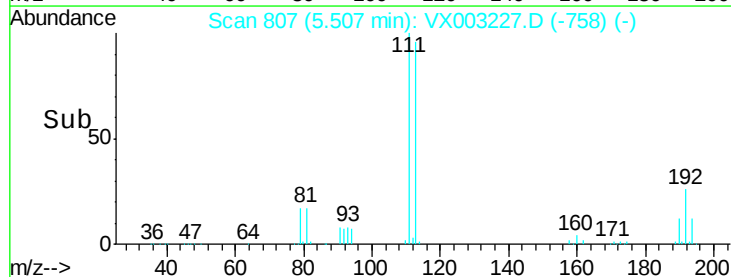
192 25.4 19.1 28.7

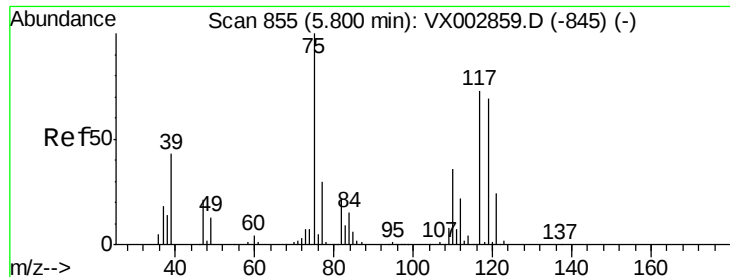


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

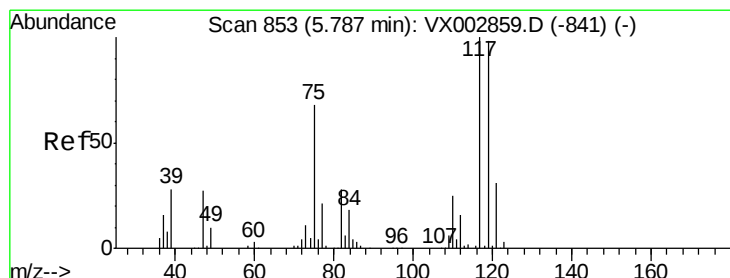
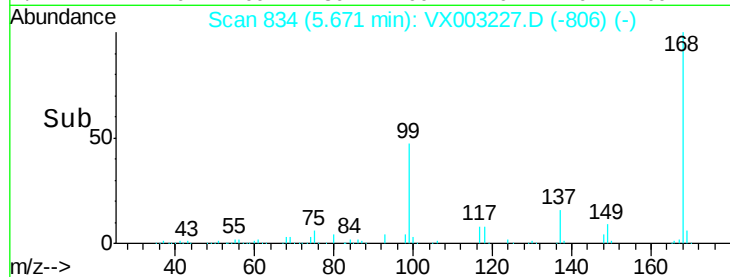
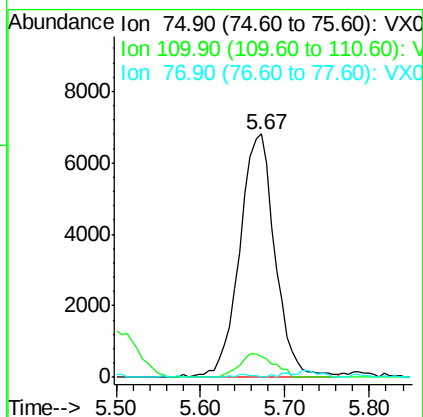
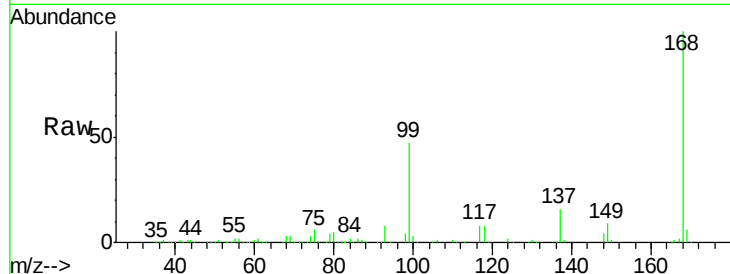




#36
 1,1-Dichloropropene
 Concen: 4.19 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX003227.D
 Acq: 06 Jul 2018 22:00

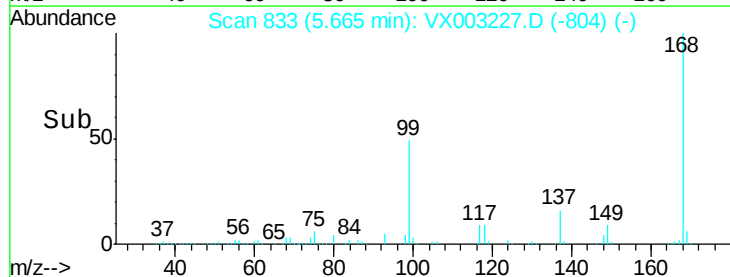
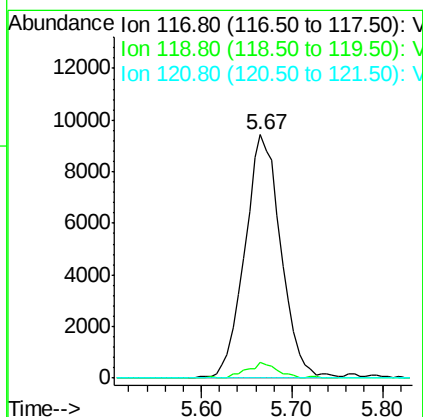
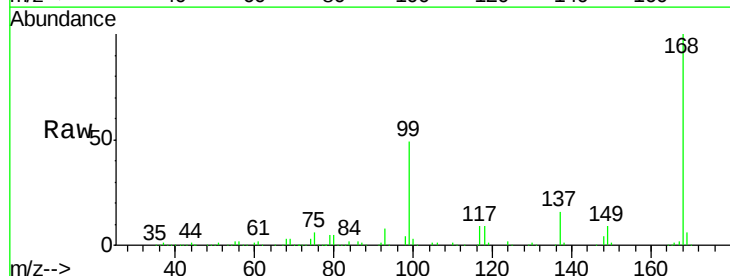
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0143

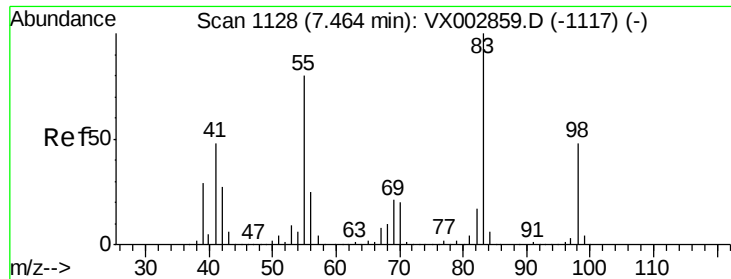
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 5.14 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX003227.D
 Acq: 06 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.4	116.0#
121	0.0	24.4	36.6#

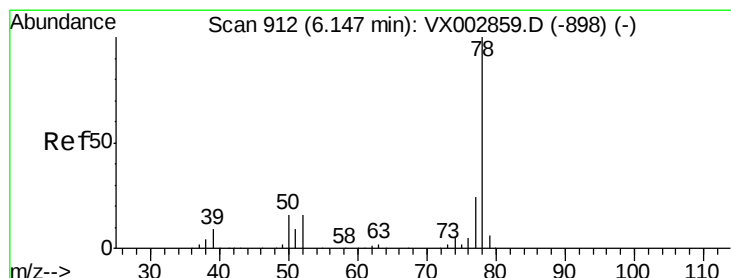
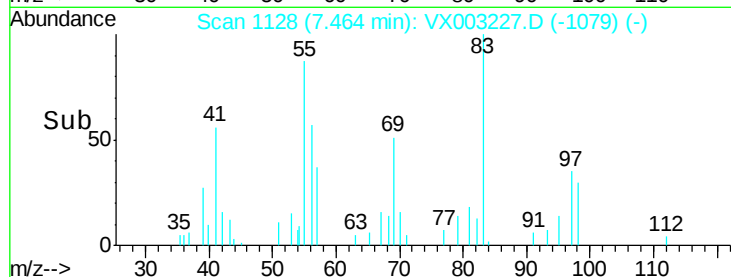
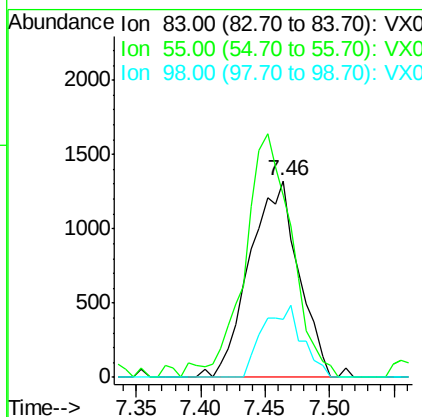
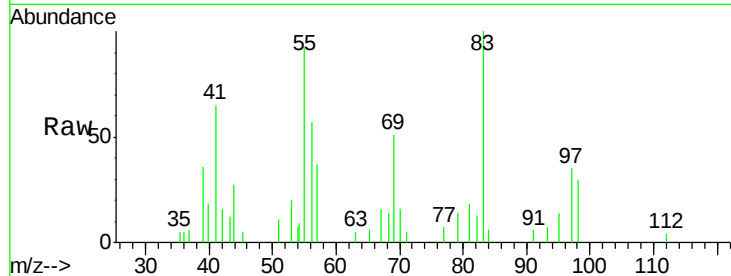




#39
Methvlcvclohexane
Concen: 0.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

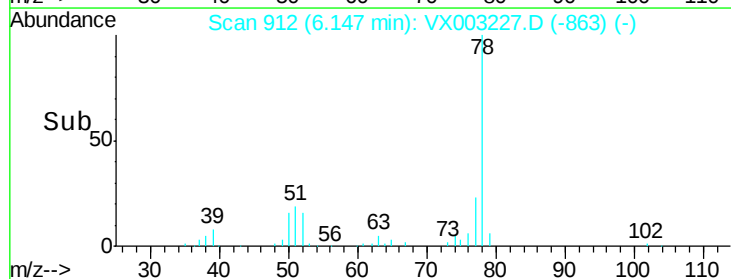
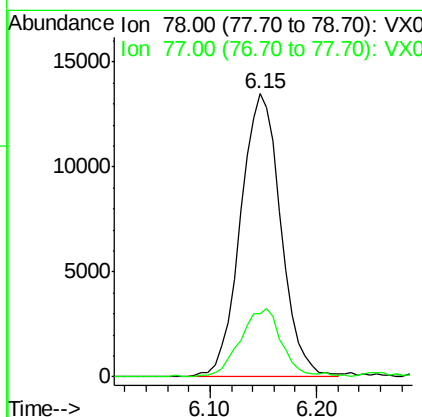
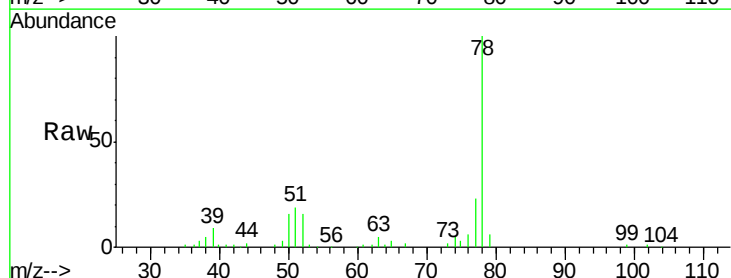
Instrument :
MSVOA_X
ClientSampled :
S10-0143

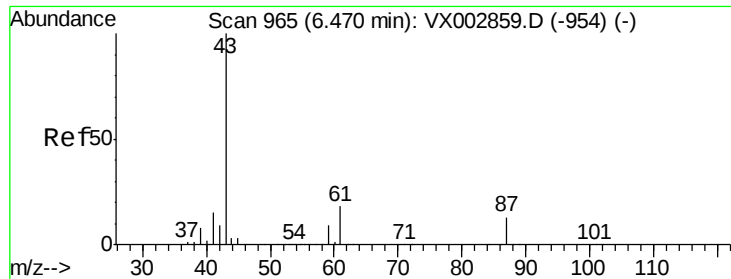
Tot Ion: 83 Resp: 3483
Ion Ratio Lower Upper
83 100
55 92.7 65.4 98.0
98 29.7 37.4 56.0#



#40
Benzene
Concen: 2.67 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

Tgt Ion: 78 Resp: 35823
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7





#43

Isopropyl Acetate

Concen: 4.72 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

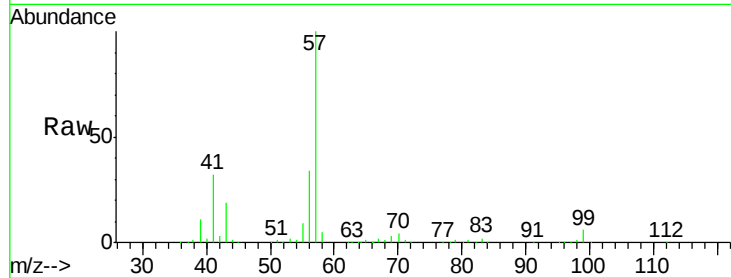
Tot Ion: 43 Resp: 39325

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

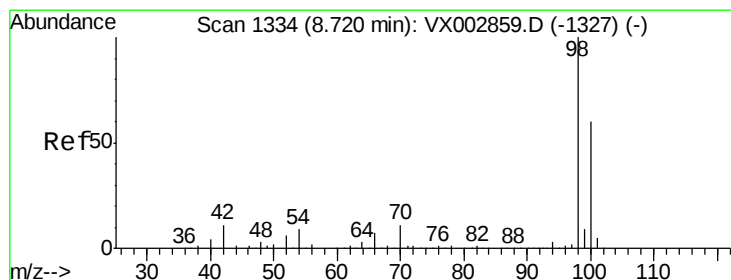
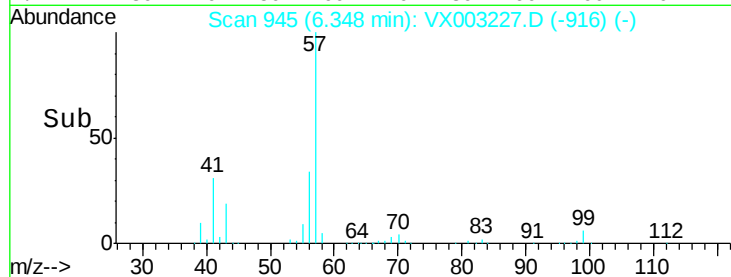
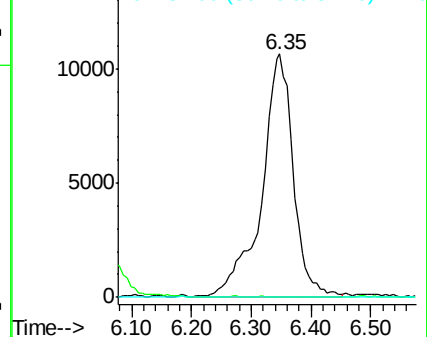
87 0.0 9.5 14.3#



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



#50

Toluene-d8

Concen: 48.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003227.D

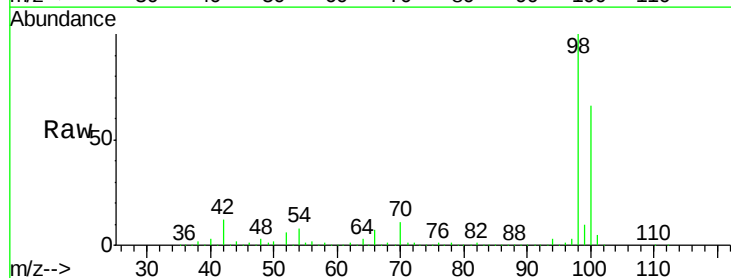
Acq: 06 Jul 2018 22:00

Tgt Ion: 98 Resp: 593383

Ion Ratio Lower Upper

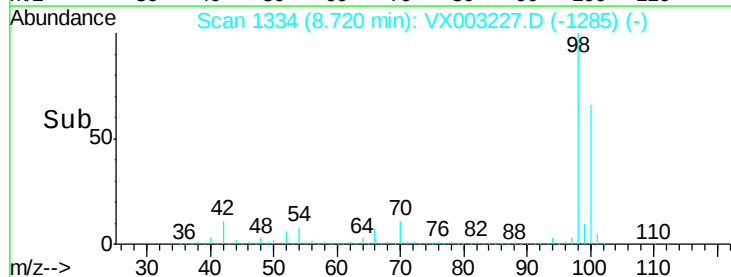
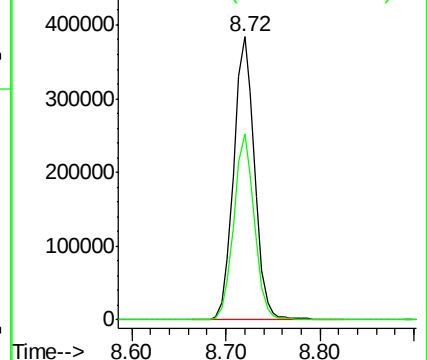
98 100

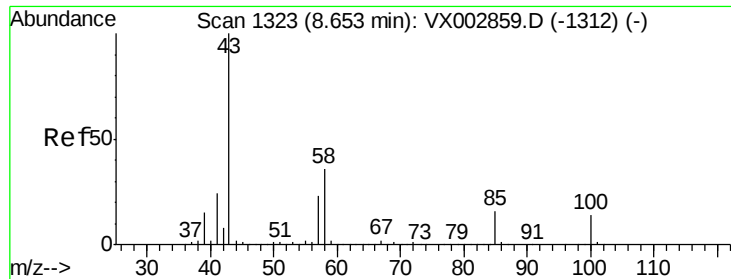
100 64.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.07 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

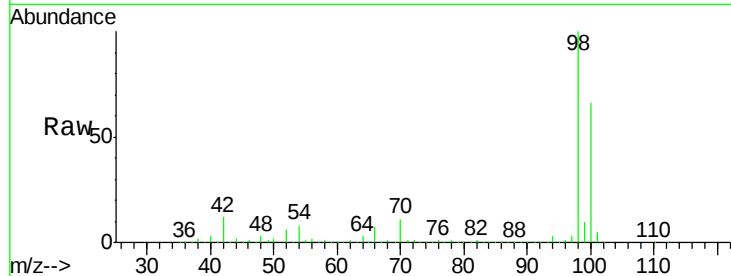
S10-0143

Tot Ion: 43 Resp: 2809

Ion Ratio Lower Upper

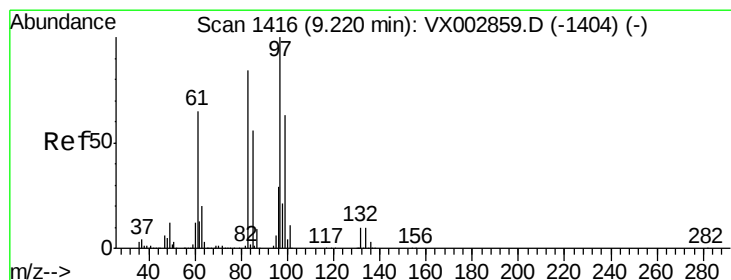
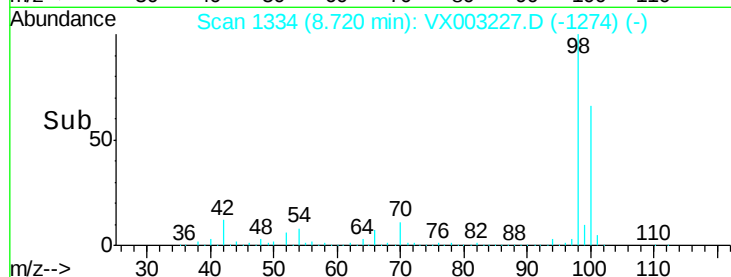
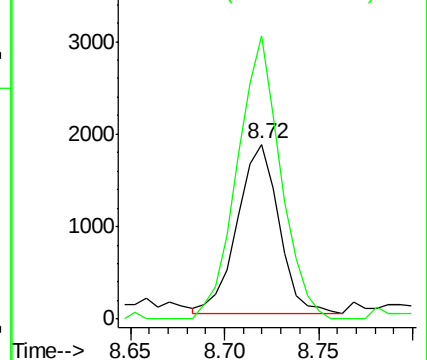
43 100

58 172.7 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.36 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.05 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Tgt Ion: 97 Resp: 4779

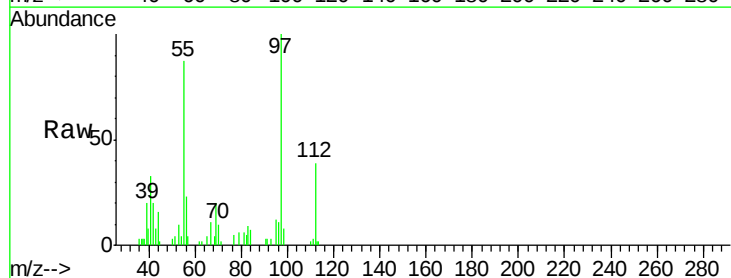
Ion Ratio Lower Upper

97 100

83 9.5 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

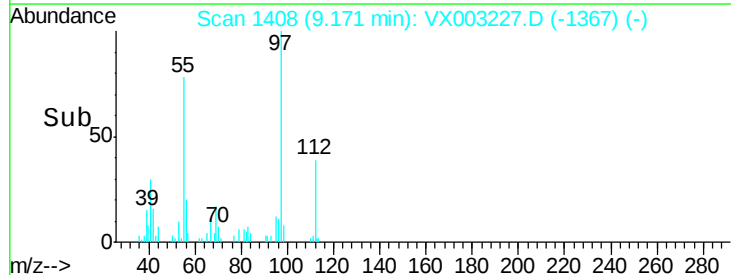
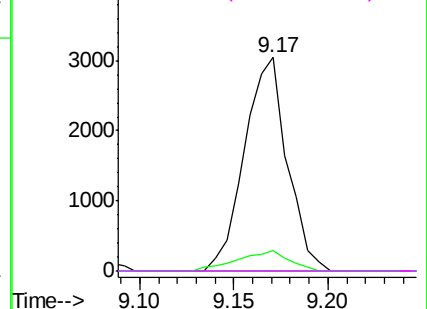


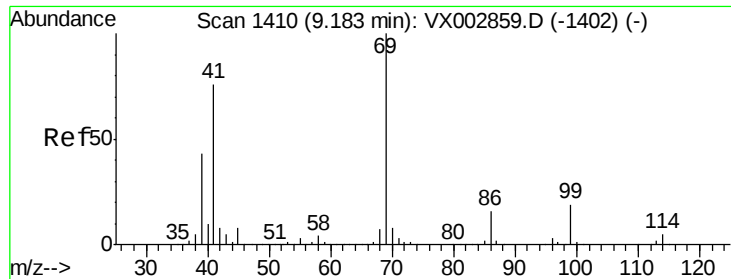
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

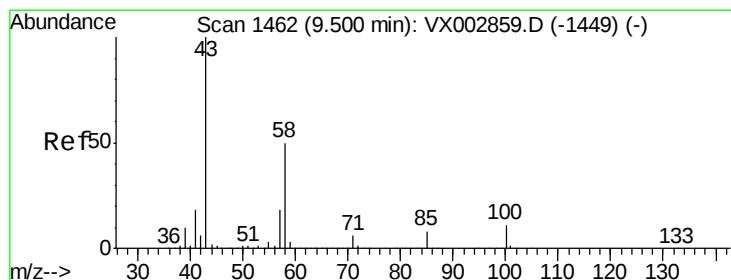
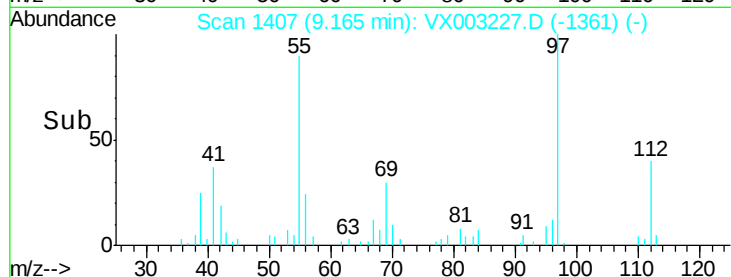
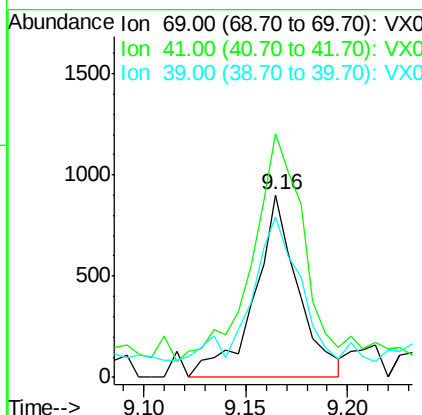
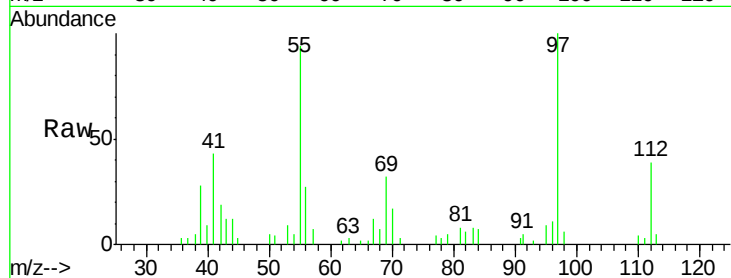




#56
Ethyl methacrylate
Concen: 0.26 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

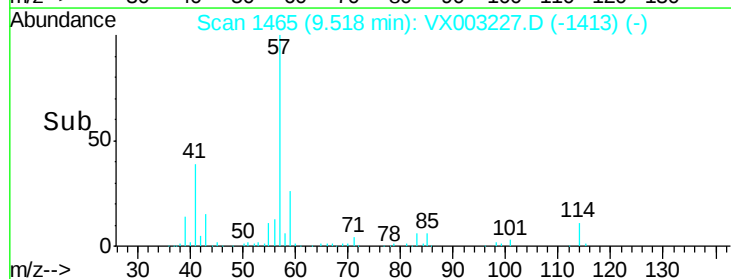
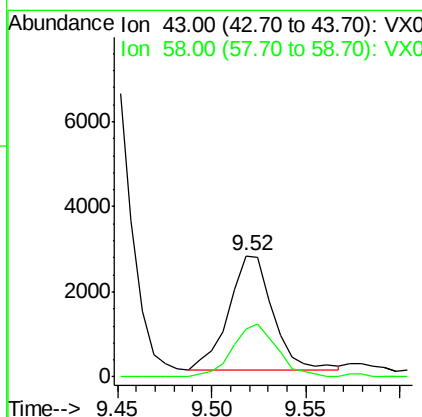
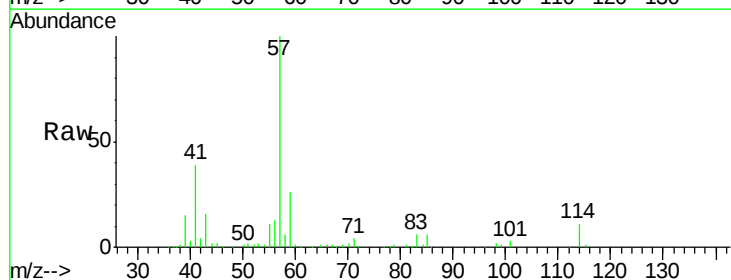
Instrument :
MSVOA_X
ClientSampleId :
S10-0143

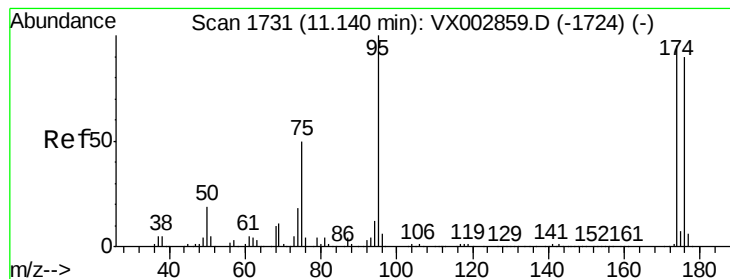
Tot Ion: 69 Resp: 1344
Ion Ratio Lower Upper
69 100
41 156.0 60.3 90.5#
39 83.6 35.8 53.8#



#59
2-Hexanone
Concen: 1.11 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

Tgt Ion: 43 Resp: 4408
Ion Ratio Lower Upper
43 100
58 46.2 24.6 73.6





#62

4-Bromofluorobenzene

Concen: 45.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

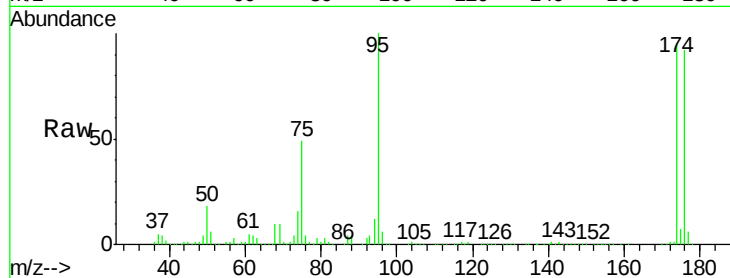
Tot Ion: 95 Resp: 212641

Ion Ratio Lower Upper

95 100

174 97.5 0.0 187.4

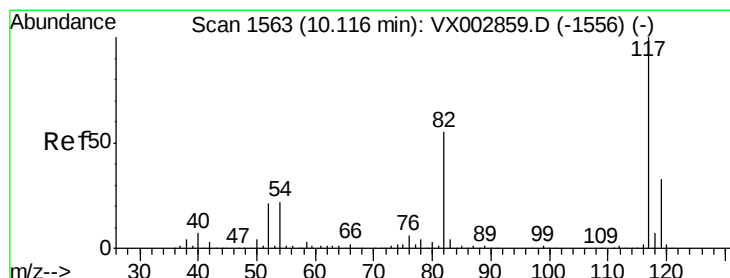
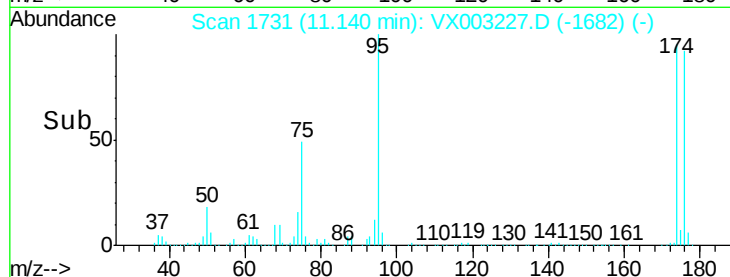
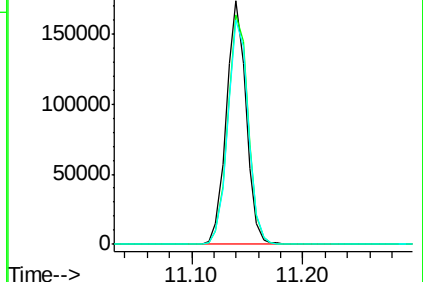
176 95.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

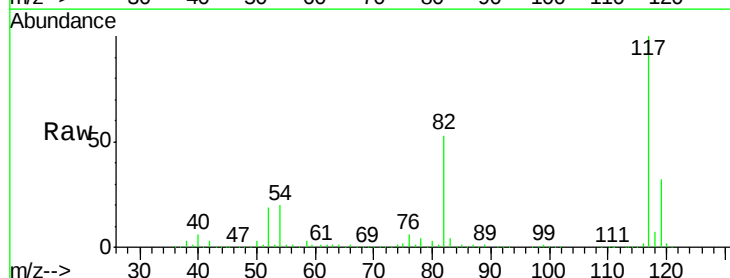
Tgt Ion: 117 Resp: 398027

Ion Ratio Lower Upper

117 100

82 53.1 45.0 67.4

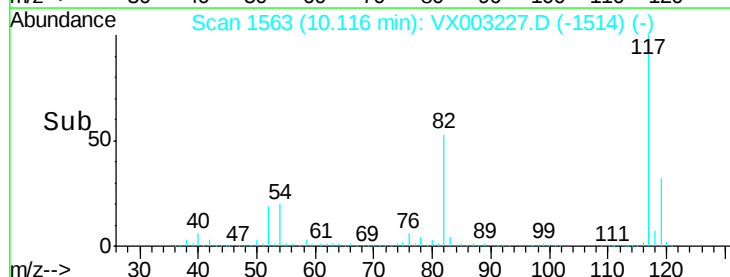
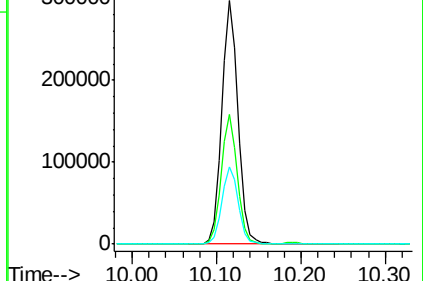
119 31.9 25.8 38.6

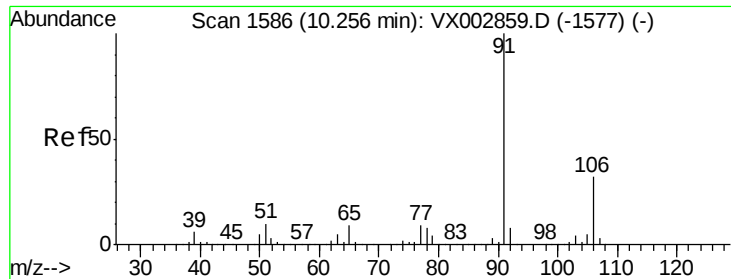


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

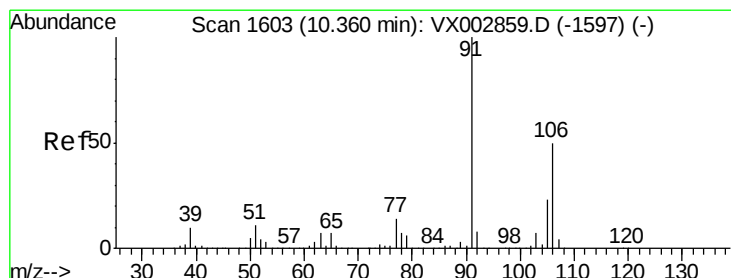
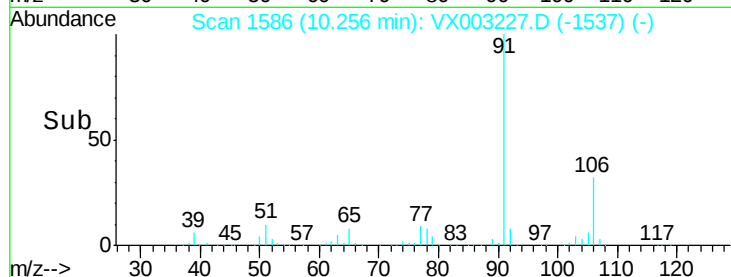
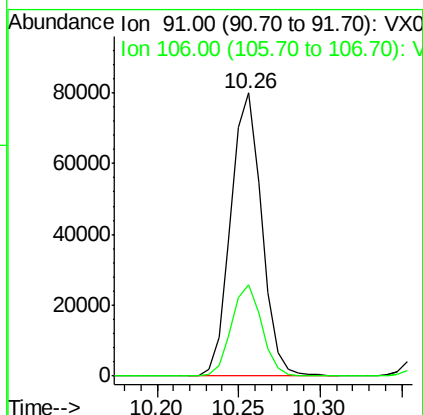
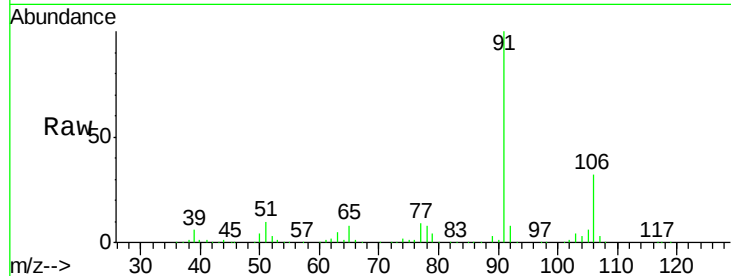




#67
Ethyl Benzene
Concen: 6.35 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

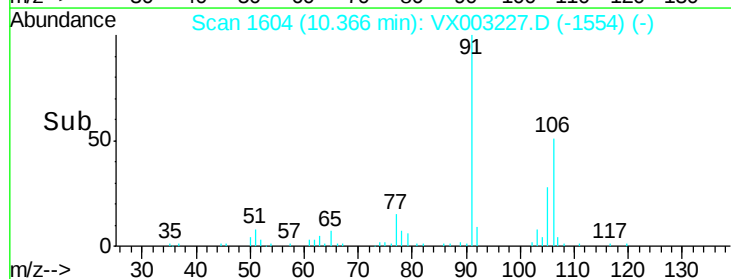
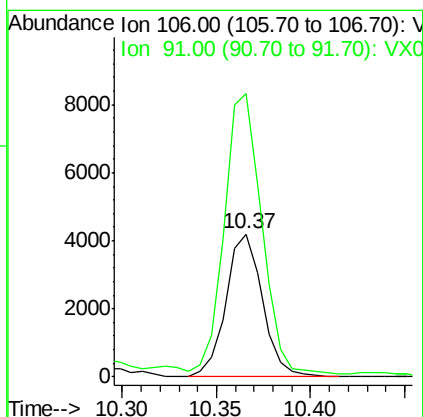
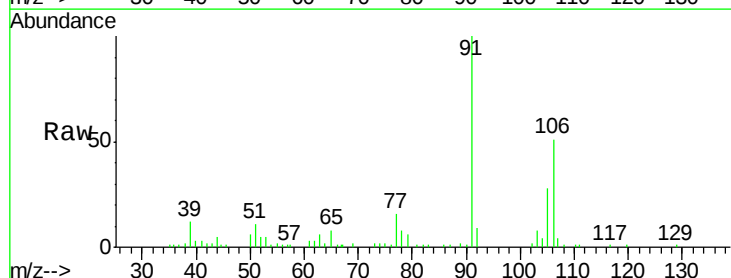
Instrument :
MSVOA_X
ClientSampleId :
S10-0143

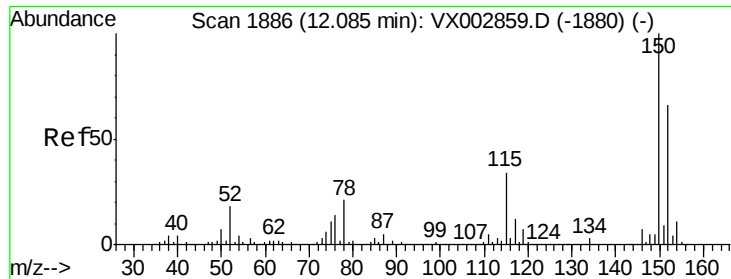
Tot Ion: 91 Resp: 106003
Ion Ratio Lower Upper
91 100
106 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.88 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

Tgt Ion: 106 Resp: 5665
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

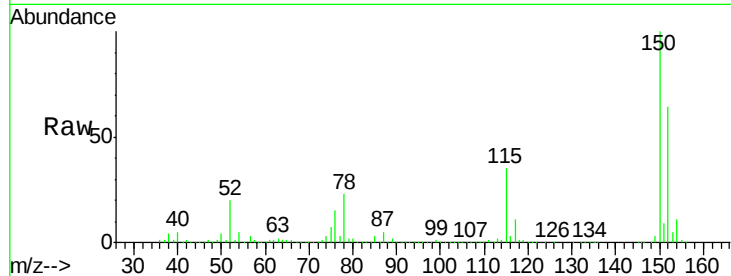
Tot Ion:152 Resp: 228645

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

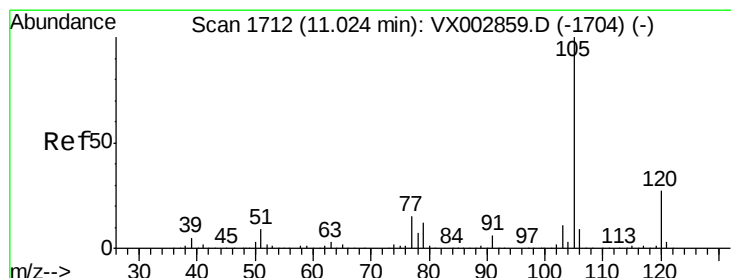
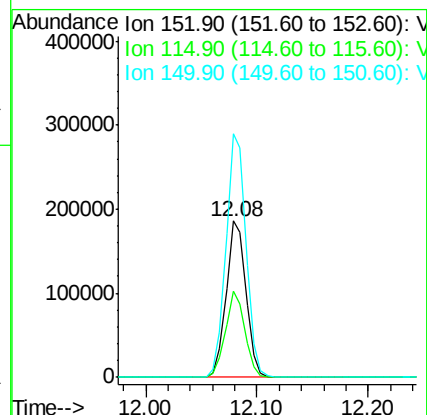
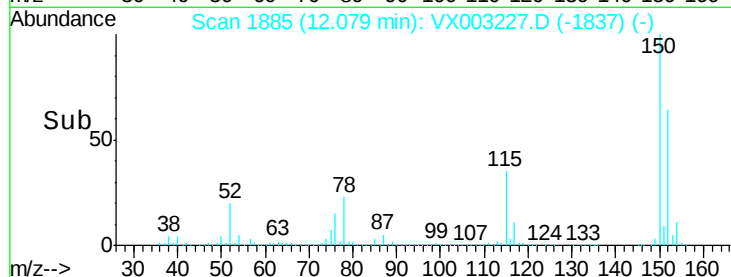
150 157.3 0.0 347.2



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



#73

Isopropylbenzene

Concen: 1.88 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003227.D

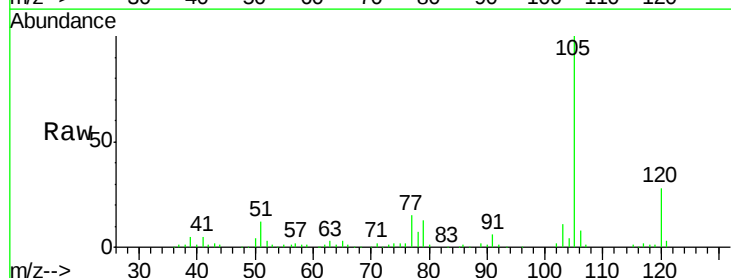
Acq: 06 Jul 2018 22:00

Tgt Ion:105 Resp: 28850

Ion Ratio Lower Upper

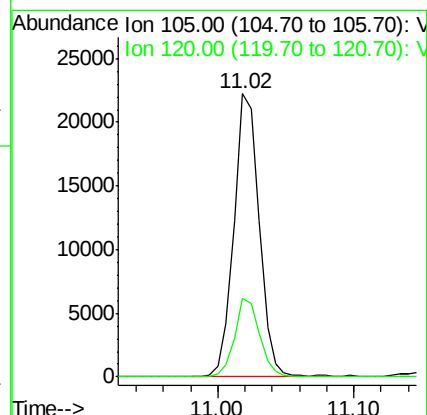
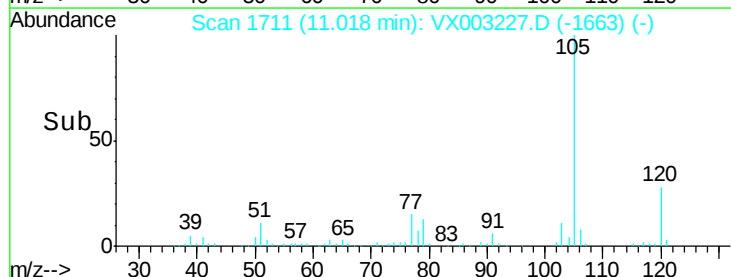
105 100

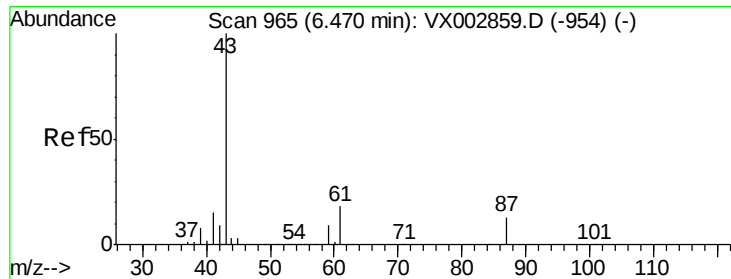
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 5.23 ug/l

RT: 6.35 min Scan# 945

Delta R.T. -0.12 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

Tot Ion: 43 Resp: 39325

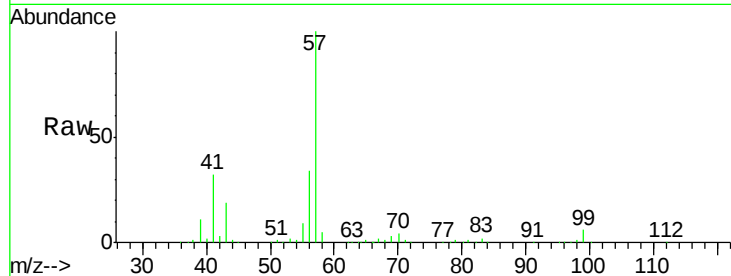
Ion Ratio Lower Upper

43 100

70 17.5 0.0 0.0#

55 44.7 0.0 0.0#

61 0.0 14.4 21.6#

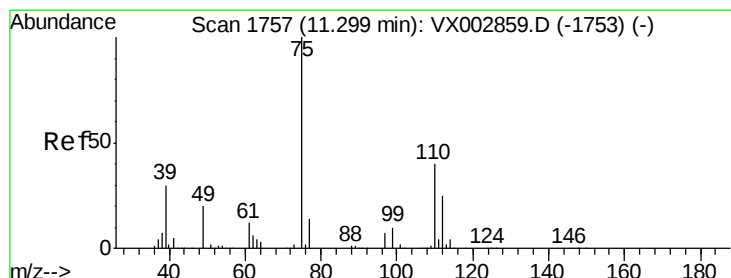
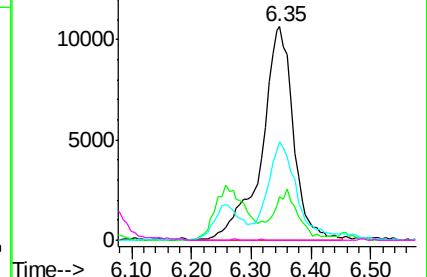
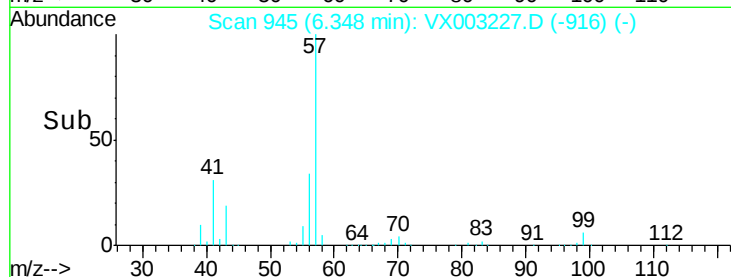


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 25.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003227.D

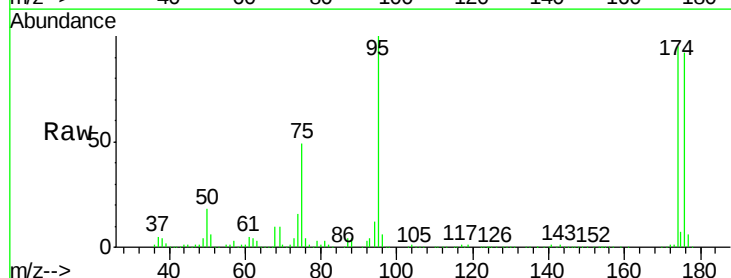
Acq: 06 Jul 2018 22:00

Tgt Ion: 75 Resp: 106622

Ion Ratio Lower Upper

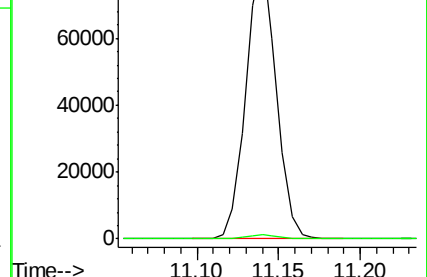
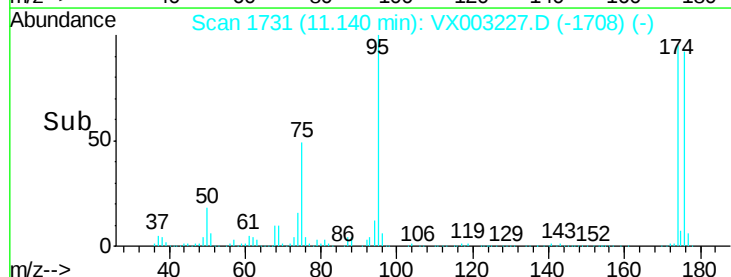
75 100

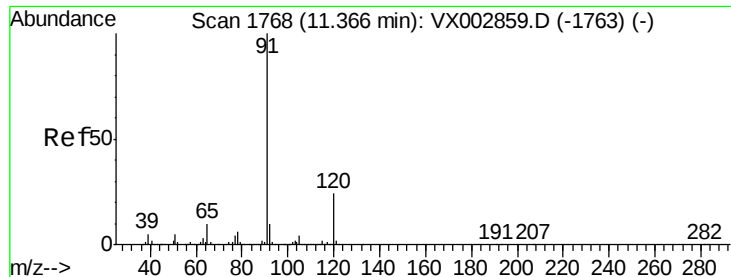
77 1.6 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.85 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampled :

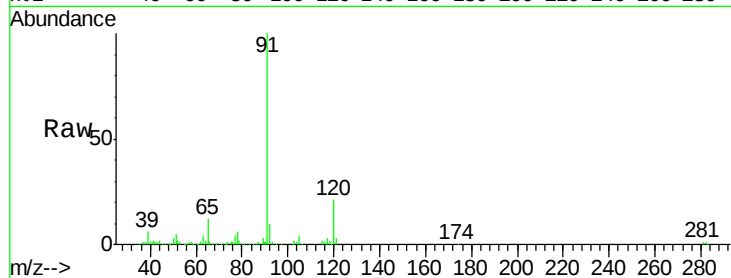
S10-0143

Tot Ion: 91 Resp: 32374

Ion Ratio Lower Upper

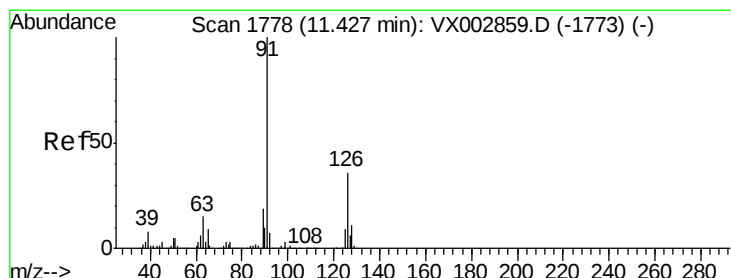
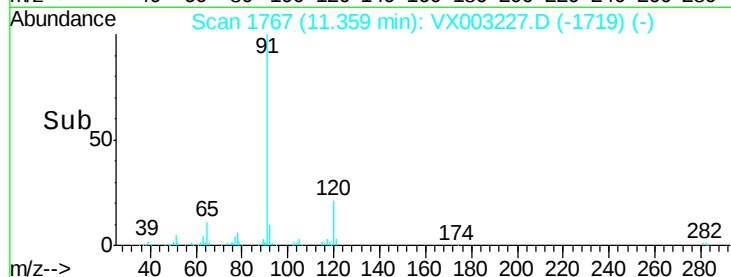
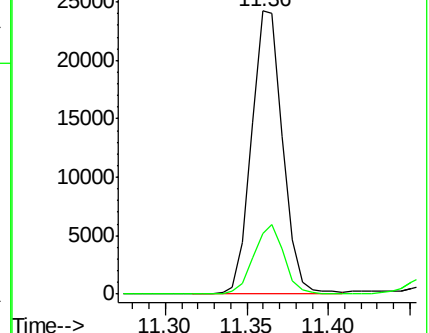
91 100

120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.05 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.07 min

Lab File: VX003227.D

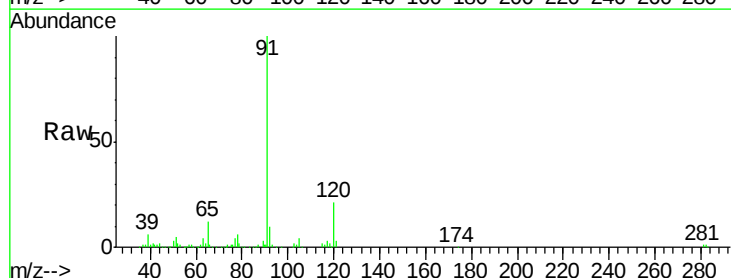
Acq: 06 Jul 2018 22:00

Tgt Ion: 91 Resp: 32374

Ion Ratio Lower Upper

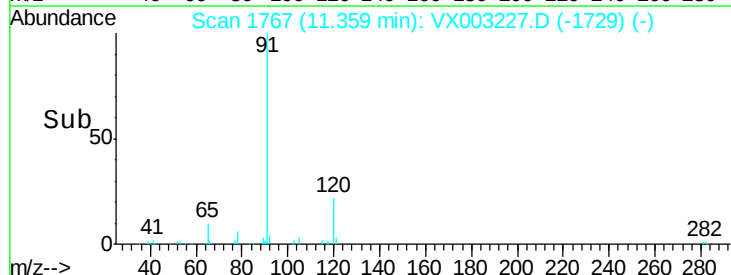
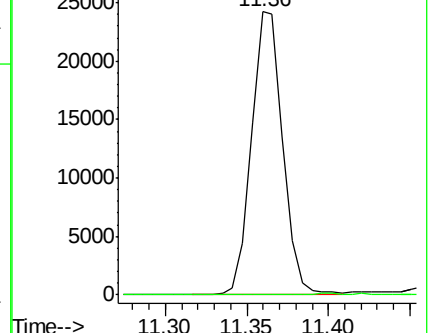
91 100

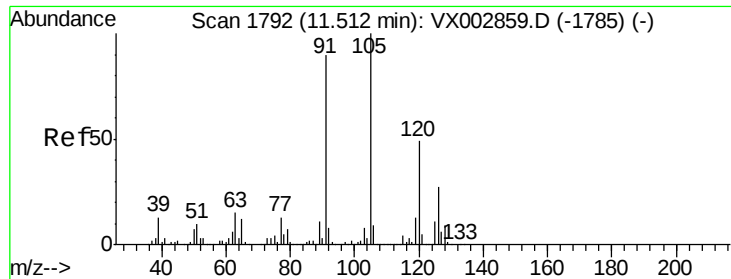
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

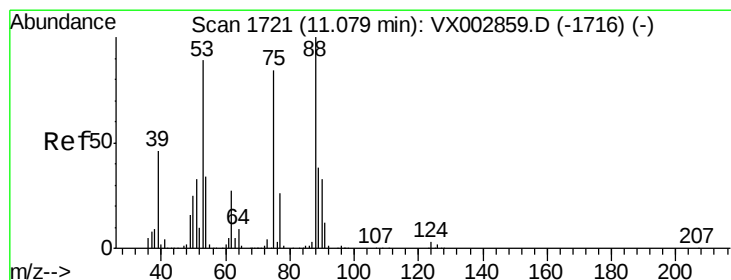
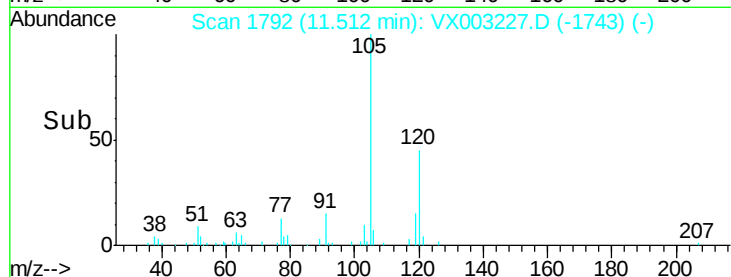
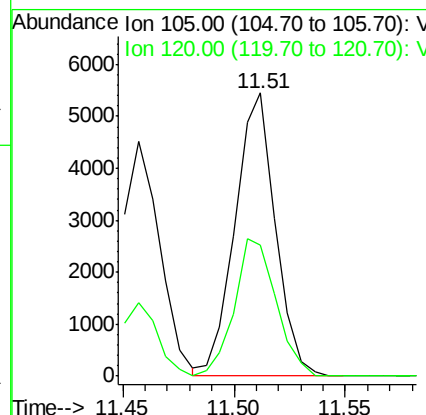
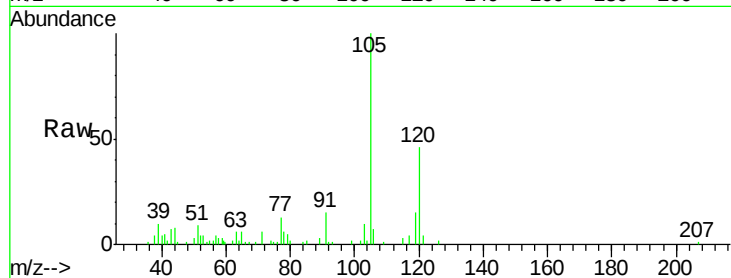




#80
 1,3,5-Trimethylbenzene
 Concen: 0.53 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003227.D
 Acq: 06 Jul 2018 22:00

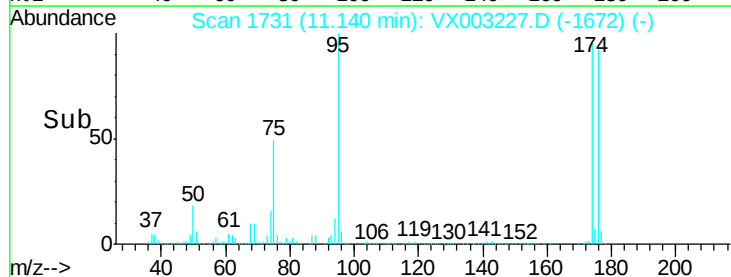
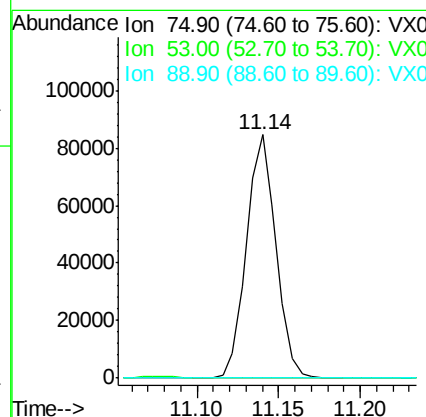
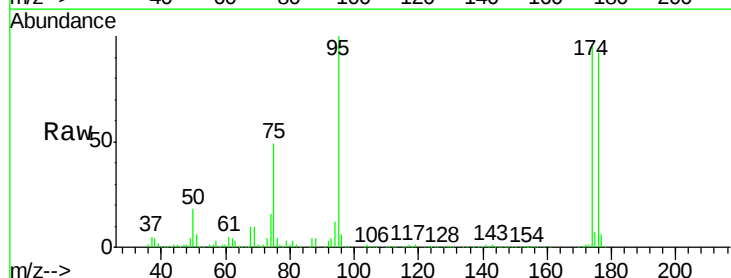
Instrument :
 MSVOA_X
 ClientSampled :
 S10-0143

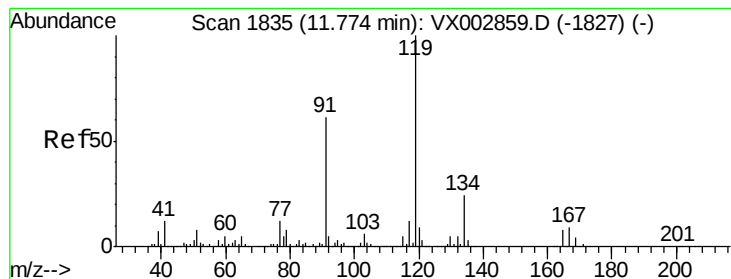
Tot Ion:105 Resp: 6881
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.03 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003227.D
 Acq: 06 Jul 2018 22:00

Tgt Ion: 75 Resp: 106622
 Ion Ratio Lower Upper
 75 100
 53 0.5 86.8 130.2#
 89 0.0 38.2 57.2#





#83

tert-Butylbenzene

Concen: 0.23 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

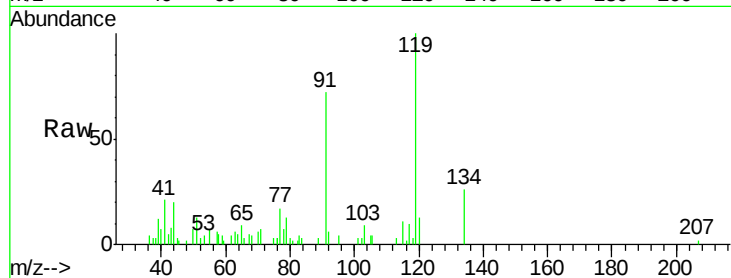
Tot Ion:119 Resp: 2991

Ion Ratio Lower Upper

119 100

91 70.9 30.3 90.9

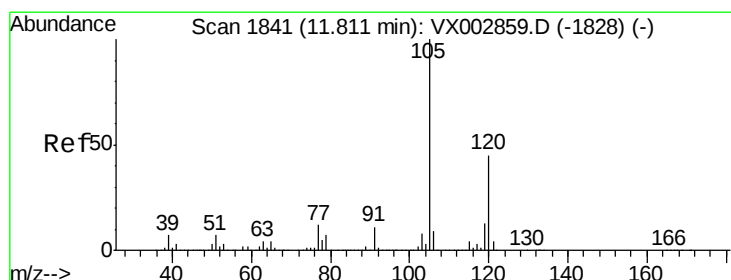
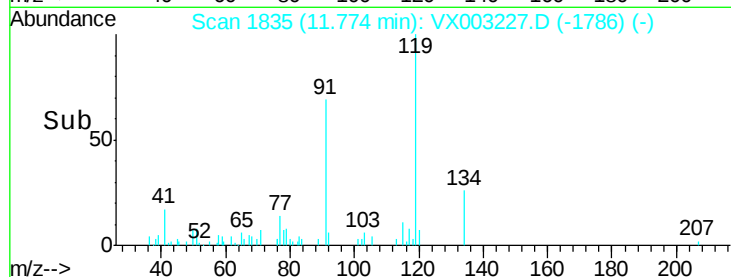
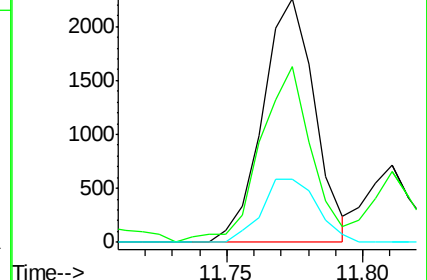
134 27.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.44 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003227.D

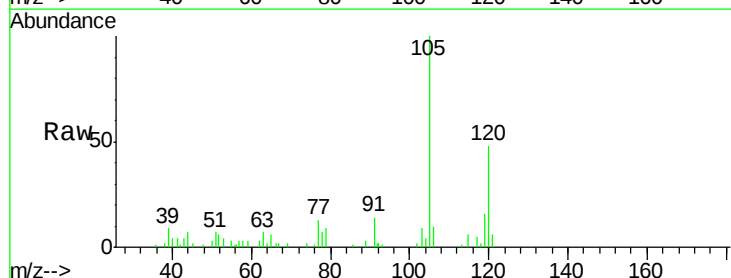
Acq: 06 Jul 2018 22:00

Tgt Ion:105 Resp: 5875

Ion Ratio Lower Upper

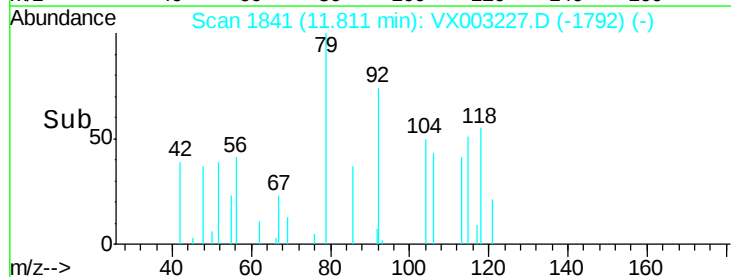
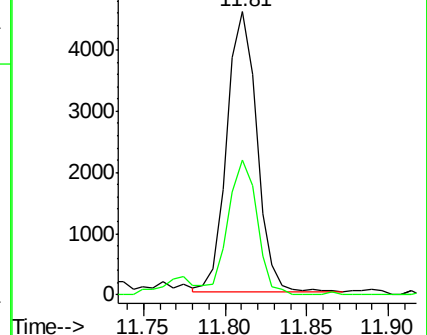
105 100

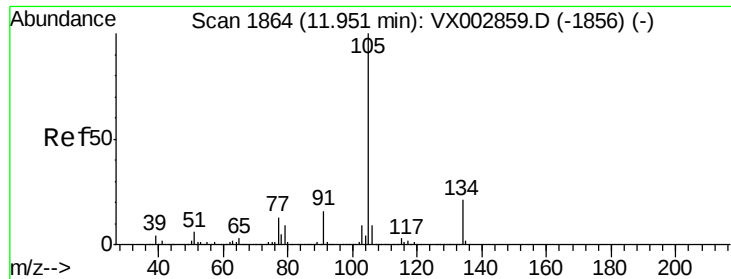
120 46.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

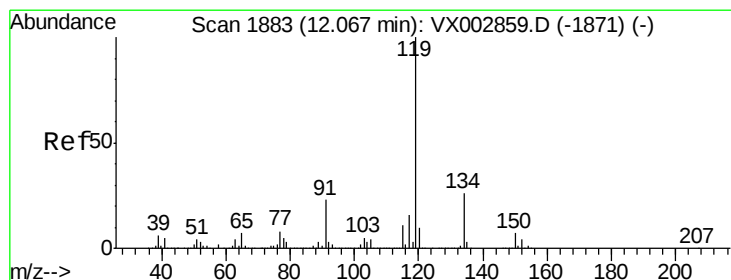
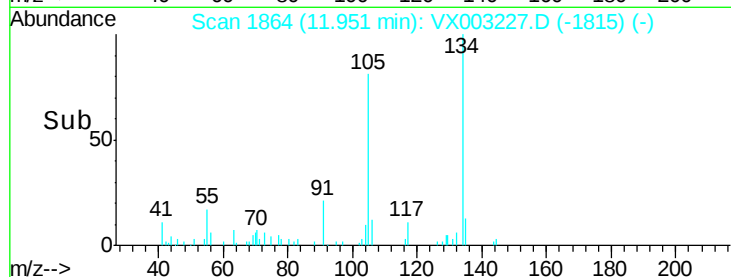
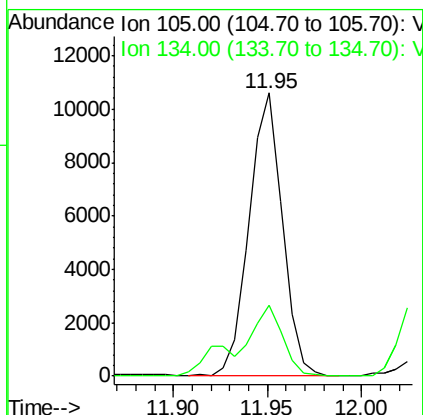
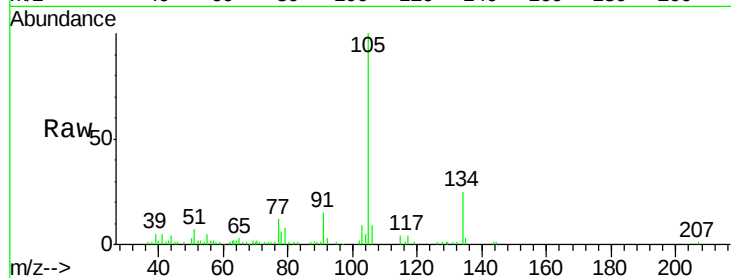




#85
 sec-Butylbenzene
 Concen: 0.84 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003227.D
 Acq: 06 Jul 2018 22:00

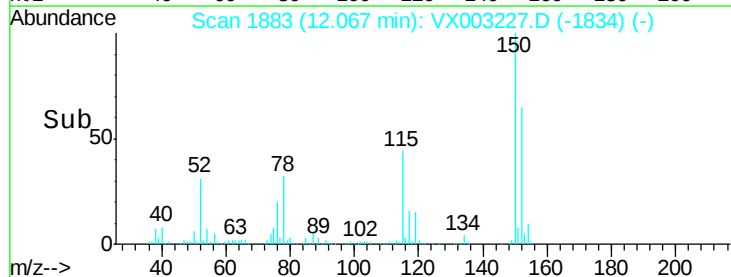
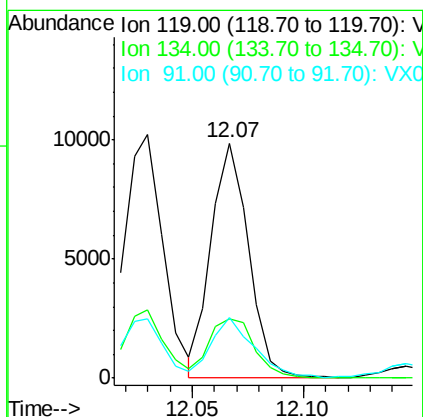
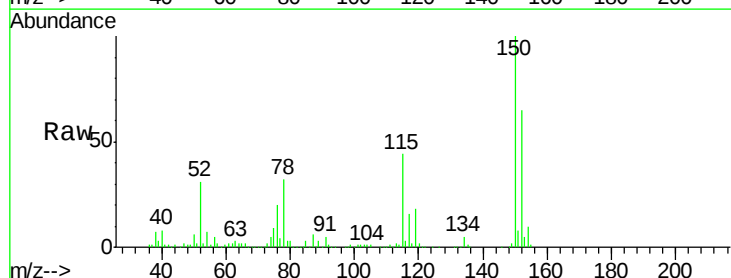
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0143

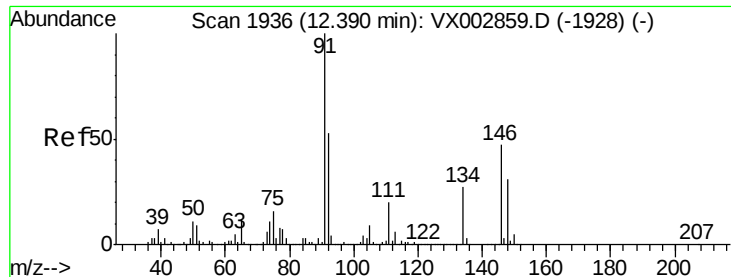
Tot Ion:105 Resp: 12957
 Ion Ratio Lower Upper
 105 100
 134 33.5 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.83 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003227.D
 Acq: 06 Jul 2018 22:00

Tgt Ion:119 Resp: 11559
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.4 40.1
 91 29.4 11.9 35.7

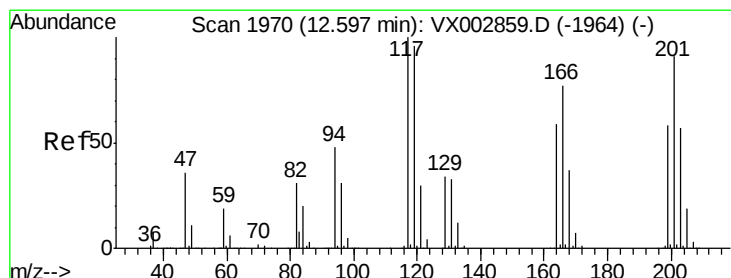
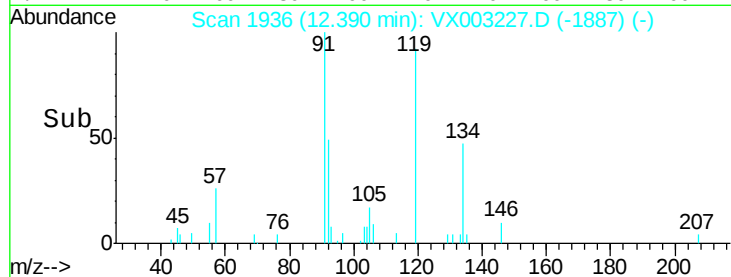
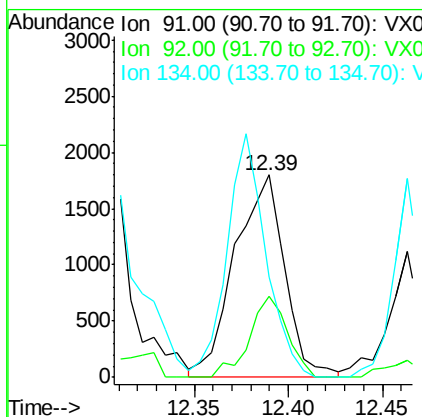
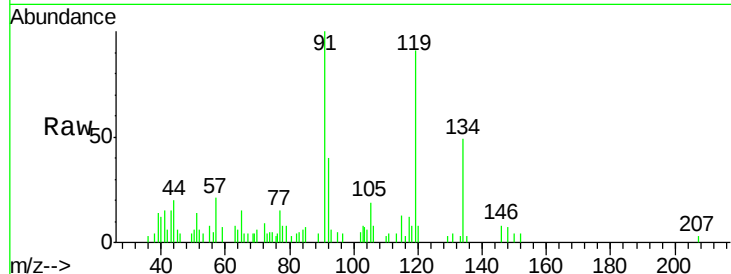




#89
n-Butylbenzene
Concen: 0.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

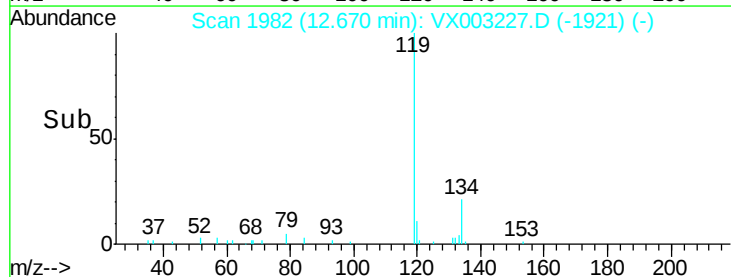
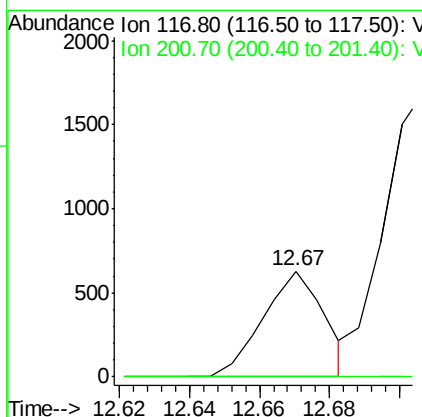
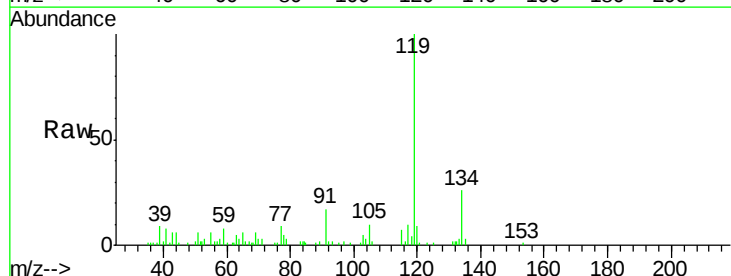
Instrument :
MSVOA_X
ClientSampled :
S10-0143

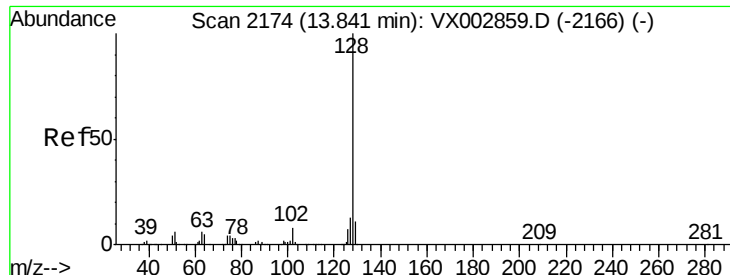
Tot Ion: 91 Resp: 3314
Ion Ratio Lower Upper
91 100
92 30.5 26.0 78.0
134 93.3 13.5 40.5#



#90
Hexachloroethane
Concen: 0.37 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX003227.D
Acq: 06 Jul 2018 22:00

Tgt Ion: 117 Resp: 767
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#95

Naphthalene

Concen: 0.86 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003227.D

Acq: 06 Jul 2018 22:00

Instrument :

MSVOA_X

ClientSampleId :

S10-0143

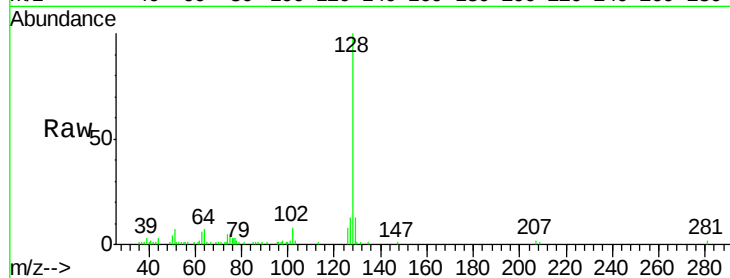
Tot Ion:128 Resp: 13402

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

129 13.8 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

