

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003261.D
 Acq On : 09 Jul 2018 23:10
 Operator : JC/MD
 Sample : VX0709WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Quant Time: Jul 10 01:05:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205596	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	195376	50.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.70%	
35) Dibromofluoromethane	5.51	113	166280	48.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.96%	
50) Toluene-d8	8.72	98	617973	51.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	222852	50.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80613	21.50	ug/l	98
3) Chloromethane	1.32	50	69474	20.38	ug/l	99
4) Vinyl Chloride	1.40	62	72595	20.75	ug/l	99
5) Bromomethane	1.64	94	28677	28.10	ug/l	99
6) Chloroethane	1.72	64	41256	21.29	ug/l	98
7) Trichlorofluoromethane	1.93	101	108705	20.90	ug/l	99
8) Diethyl Ether	2.19	74	38484	20.47	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62227	20.44	ug/l	96
10) Methyl Iodide	2.51	142	58849	21.18	ug/l	97
11) Tert butyl alcohol	3.08	59	80834	114.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	56278	20.31	ug/l	93
13) Acrolein	2.29	56	52845	93.21	ug/l	99
14) Allyl chloride	2.73	41	103962	20.26	ug/l	94
15) Acrylonitrile	3.15	53	167075	106.35	ug/l	99
16) Acetone	2.45	43	154434	112.09	ug/l	96
17) Carbon Disulfide	2.57	76	152769	19.84	ug/l	96
18) Methyl Acetate	2.78	43	89665	23.07	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	191441	20.68	ug/l	97
20) Methylene Chloride	2.86	84	62565	21.76	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60810	20.59	ug/l	93
22) Diisopropyl ether	3.88	45	207486	19.87	ug/l	96
23) Vinyl Acetate	3.83	43	862716	97.31	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112266	20.66	ug/l	99
25) 2-Butanone	4.71	43	262922	107.85	ug/l	95
26) 2,2-Dichloropropane	4.59	77	68495	14.41	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	72735	20.04	ug/l	95
28) Bromochloromethane	5.02	49	57451	20.98	ug/l	88
29) Tetrahydrofuran	5.17	42	167648	105.95	ug/l	96
30) Chloroform	5.22	83	123346	20.63	ug/l	97
31) Cyclohexane	5.57	56	103516	20.34	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	108413	20.56	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89126	19.93	ug/l	97
37) Ethyl Acetate	4.87	43	98819	20.15	ug/l	98
38) Carbon Tetrachloride	5.79	117	96137	19.65	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003261.D
 Acq On : 09 Jul 2018 23:10
 Operator : JC/MD
 Sample : VX0709WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Quant Time: Jul 10 01:05:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	101760	19.31	ug/l	98
40) Benzene	6.15	78	269763	20.35	ug/l	100
41) Methacrylonitrile	5.07	41	55605	20.71	ug/l	97
42) 1,2-Dichloroethane	6.20	62	99236	20.04	ug/l	98
43) Isopropyl Acetate	6.47	43	154878	20.11	ug/l	98
44) Trichloroethene	7.21	130	79035	20.16	ug/l	100
45) 1,2-Dichloropropane	7.52	63	69082	20.05	ug/l	100
46) Dibromomethane	7.67	93	47419	20.19	ug/l	95
47) Bromodichloromethane	7.90	83	86911	20.05	ug/l	99
48) Methyl methacrylate	7.78	41	81733	20.70	ug/l	93
49) 1,4-Dioxane	7.76	88	34860	422.16	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	520120	108.50	ug/l	97
52) Toluene	8.79	92	174358	20.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96929	19.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	88380	19.04	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	69725	20.06	ug/l	96
56) Ethyl methacrylate	9.18	69	95782	20.12	ug/l	91
57) 1,3-Dichloropropane	9.38	76	114864	20.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	249302	108.55	ug/l	97
59) 2-Hexanone	9.50	43	389734	107.04	ug/l	94
60) Dibromochloromethane	9.59	129	72929	20.09	ug/l	99
61) 1,2-Dibromoethane	9.68	107	75752	20.79	ug/l	99
64) Tetrachloroethene	9.34	164	93545	20.68	ug/l	99
65) Chlorobenzene	10.14	112	199810	19.66	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	73753	20.11	ug/l	99
67) Ethyl Benzene	10.26	91	328358	19.97	ug/l	100
68) m/p-Xylenes	10.36	106	260594	40.75	ug/l	96
69) o-Xylene	10.70	106	121682	19.64	ug/l	98
70) Styrene	10.71	104	201537	20.06	ug/l	98
71) Bromoform	10.86	173	56349	18.67	ug/l	100
73) Isopropylbenzene	11.02	105	336559	20.73	ug/l	100
74) N-amyl acetate	6.47	43	154878	20.00	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	103738	20.60	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	110938	24.97	ug/l	81
77) Bromobenzene	11.26	156	95655	20.41	ug/l	95
78) n-propylbenzene	11.37	91	370563	20.53	ug/l	98
79) 2-Chlorotoluene	11.43	91	226025	20.56	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	277578	20.54	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22733	16.72	ug/l	95
82) 4-Chlorotoluene	11.51	91	259758	20.23	ug/l	97
83) tert-Butylbenzene	11.77	119	276973	20.51	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	286428	20.69	ug/l	97
85) sec-Butylbenzene	11.95	105	326983	20.49	ug/l	98
86) p-Isopropyltoluene	12.07	119	292813	20.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	170592	19.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171193	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	231987	19.10	ug/l	98
90) Hexachloroethane	12.60	117	42333	19.07	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	174984	20.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21361	19.77	ug/l	91

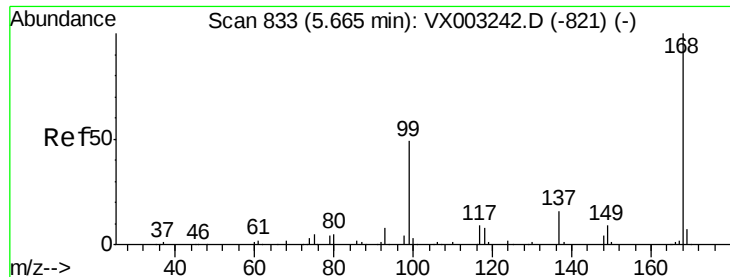
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003261.D
Acq On : 09 Jul 2018 23:10
Operator : JC/MD
Sample : VX0709WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Quant Time: Jul 10 01:05:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125147	19.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	61575	19.69	ug/l	98
95) Naphthalene	13.84	128	348479	21.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128126	20.45	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

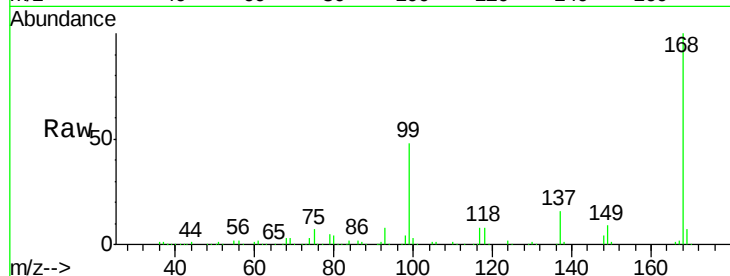
VX0709WBS02

Tot Ion:168 Resp: 246581

Ion Ratio Lower Upper

168 100

99 47.6 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

80000

60000

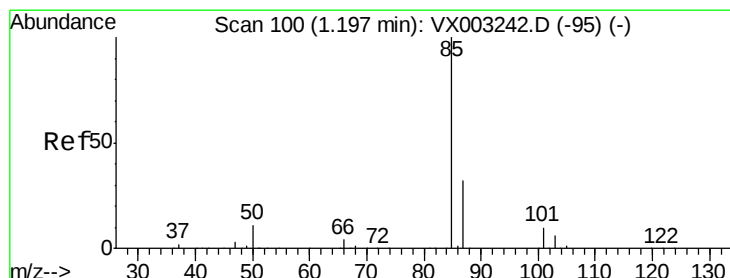
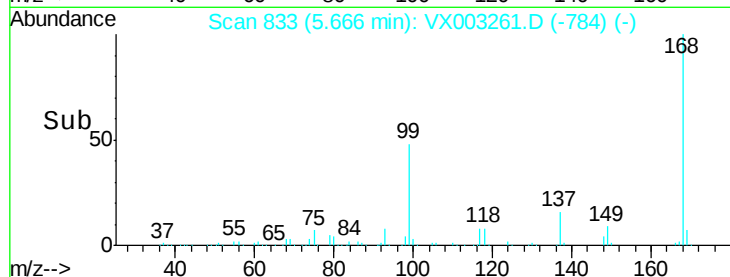
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.50 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003261.D

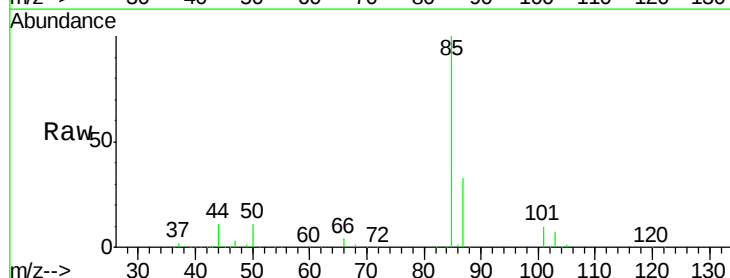
Acq: 09 Jul 2018 23:10

Tgt Ion: 85 Resp: 80613

Ion Ratio Lower Upper

85 100

87 32.9 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

80000

60000

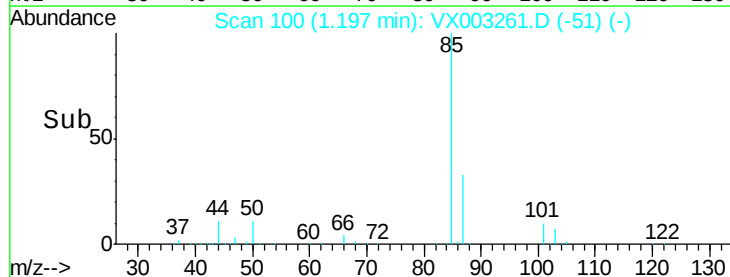
40000

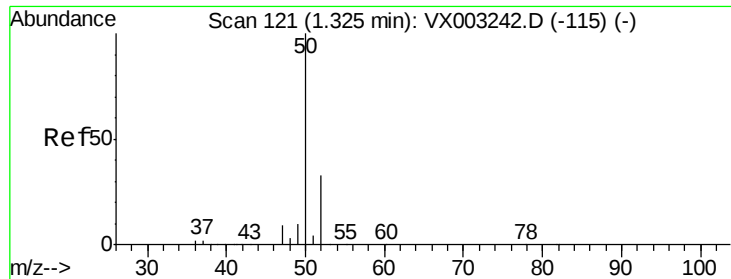
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

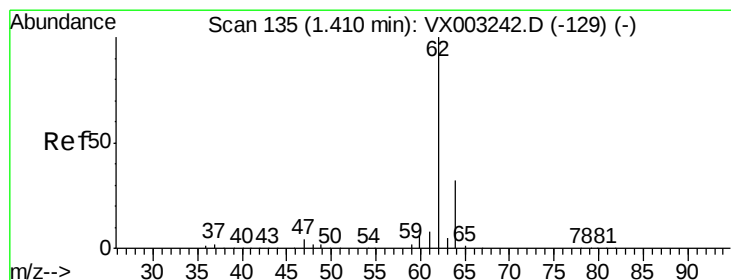
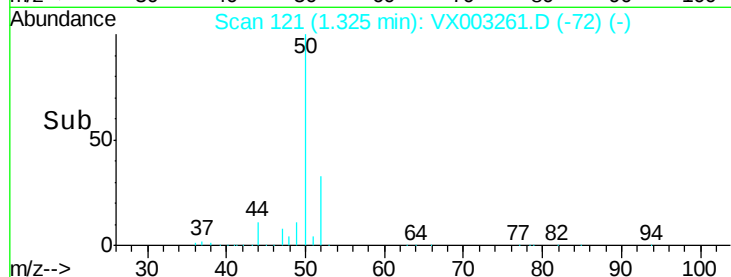
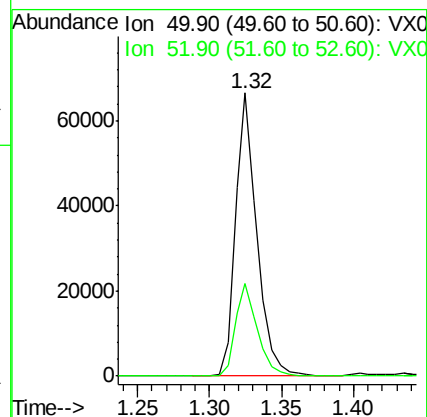
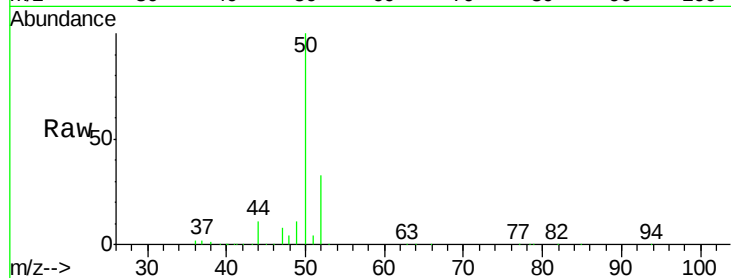
VX0709WBS02

Tot Ion: 50 Resp: 69474

Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5



#4

Vinyl Chloride

Concen: 20.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003261.D

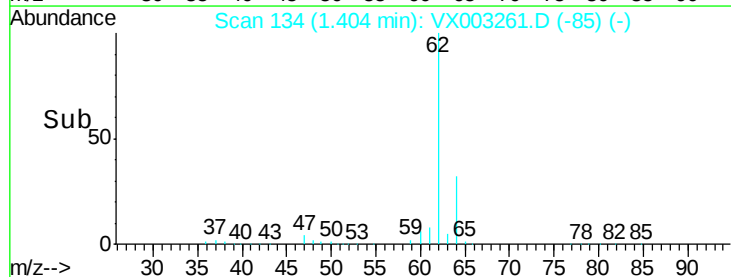
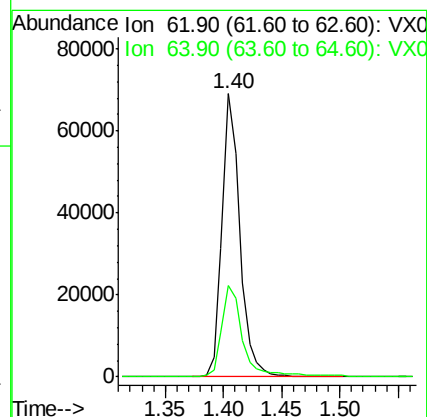
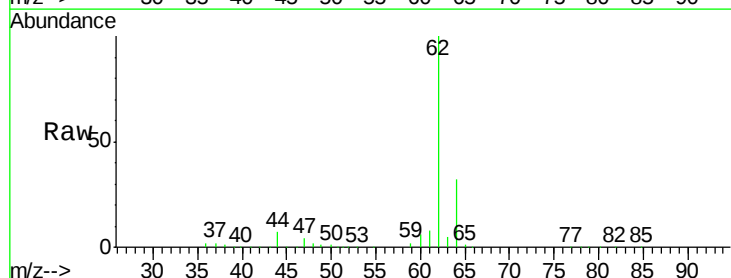
Acq: 09 Jul 2018 23:10

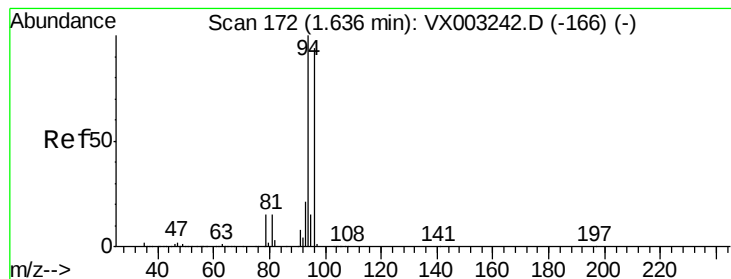
Tgt Ion: 62 Resp: 72595

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 28.10 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

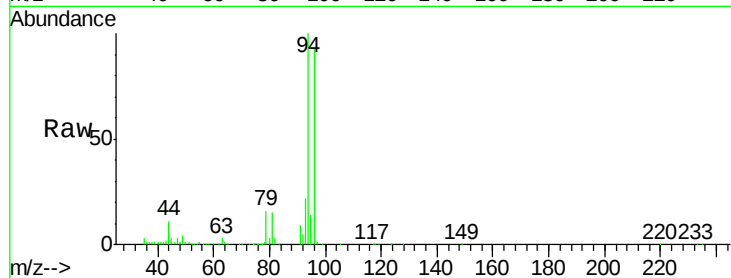
VX0709WBS02

Tot Ion: 94 Resp: 28677

Ion Ratio Lower Upper

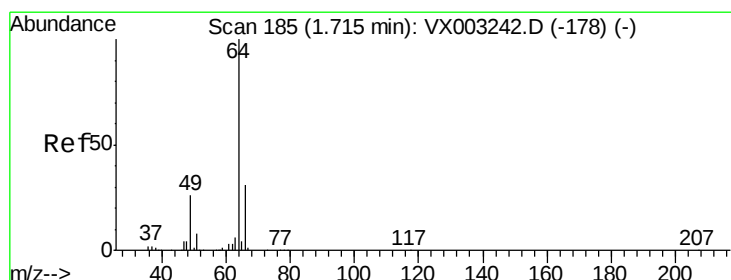
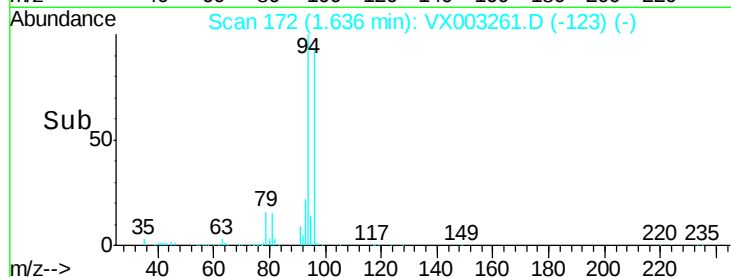
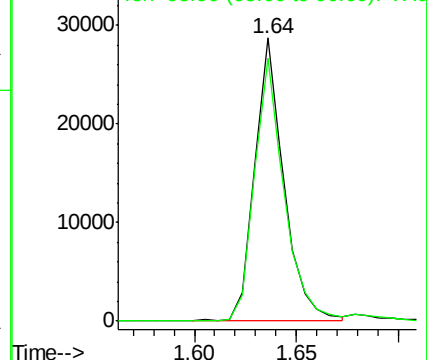
94 100

96 92.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.29 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003261.D

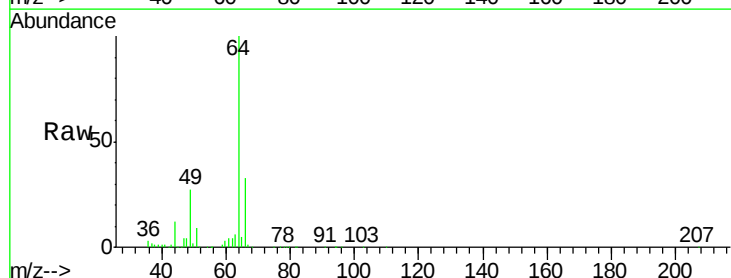
Acq: 09 Jul 2018 23:10

Tgt Ion: 64 Resp: 41256

Ion Ratio Lower Upper

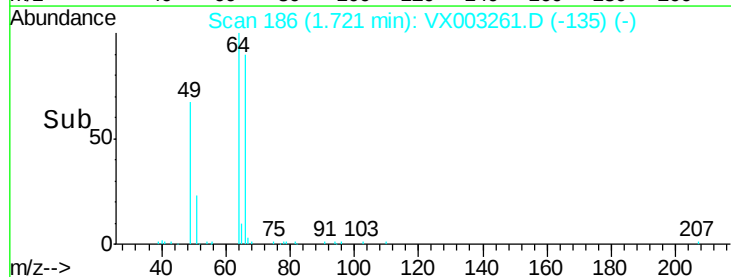
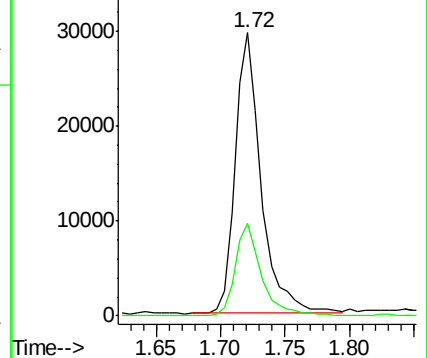
64 100

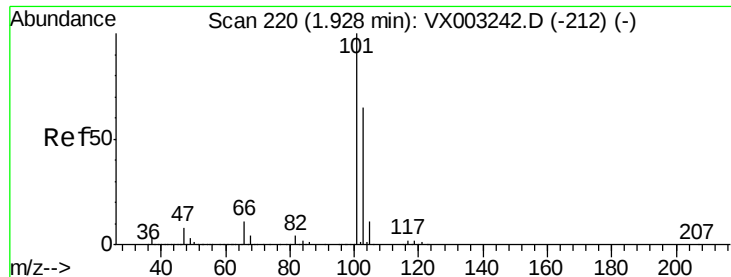
66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.90 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

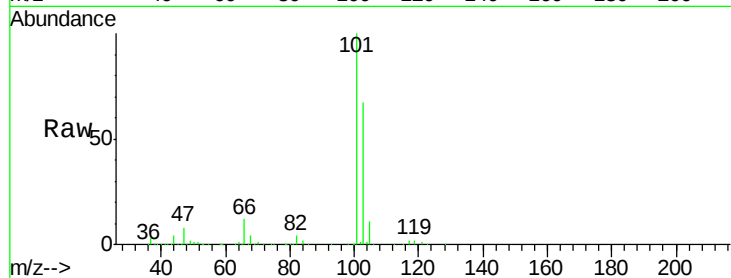
VX0709WBS02

Tot Ion:101 Resp: 108705

Ion Ratio Lower Upper

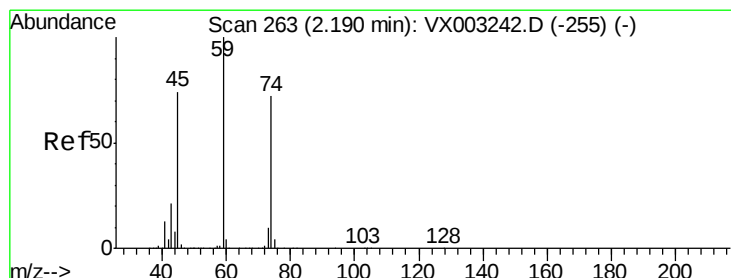
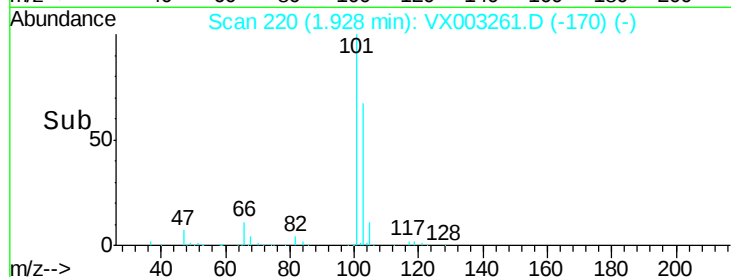
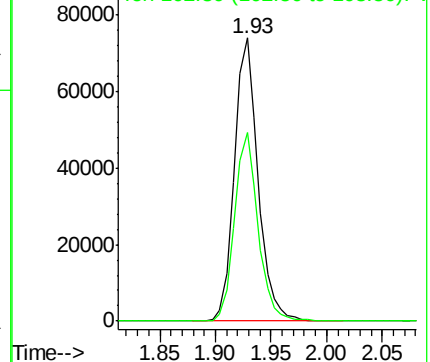
101 100

103 66.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.47 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003261.D

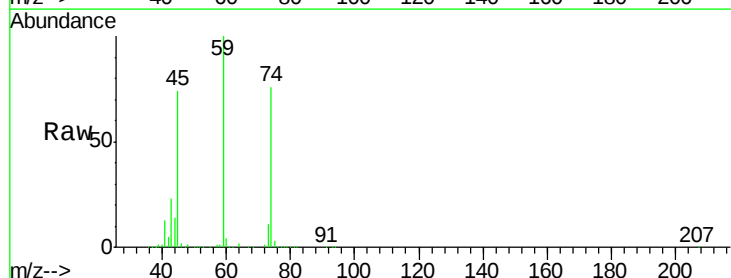
Acq: 09 Jul 2018 23:10

Tgt Ion: 74 Resp: 38484

Ion Ratio Lower Upper

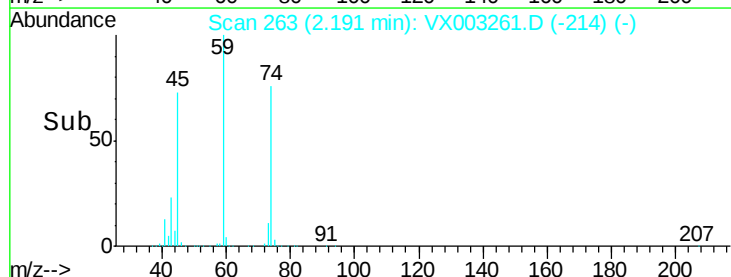
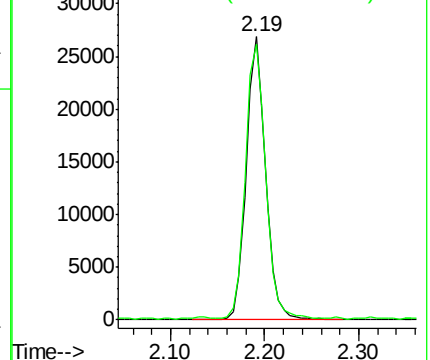
74 100

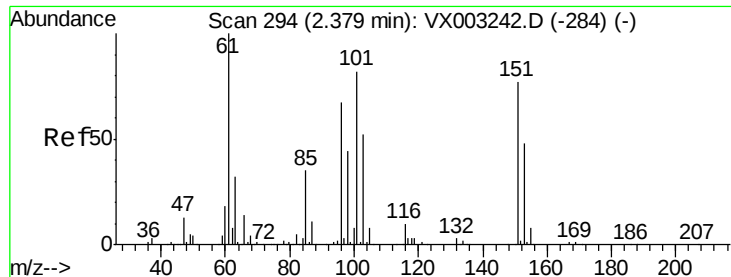
45 100.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.44 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

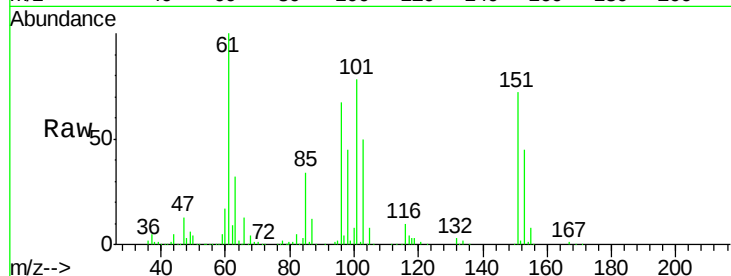
Tot Ion:101 Resp: 62227

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

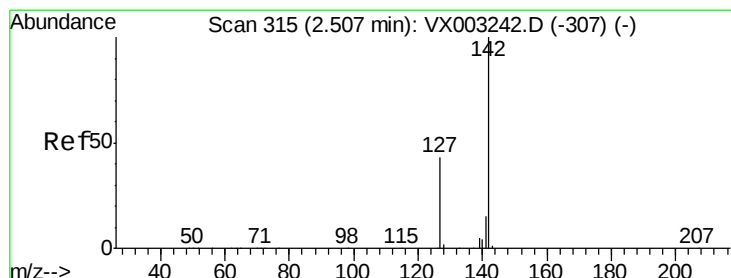
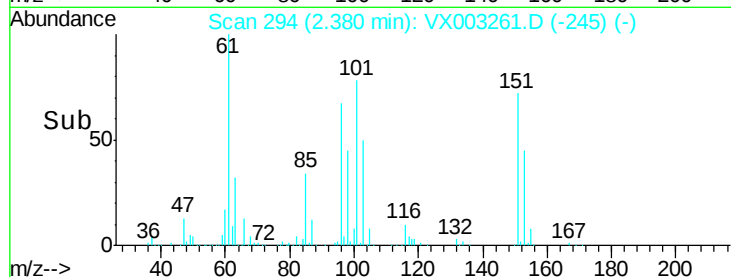
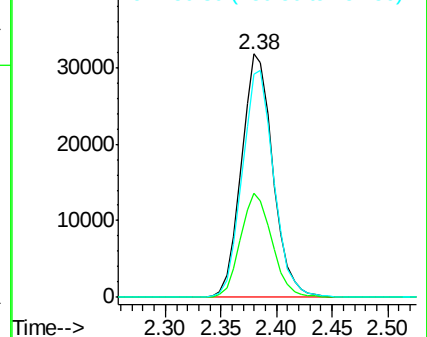
151 93.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.18 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

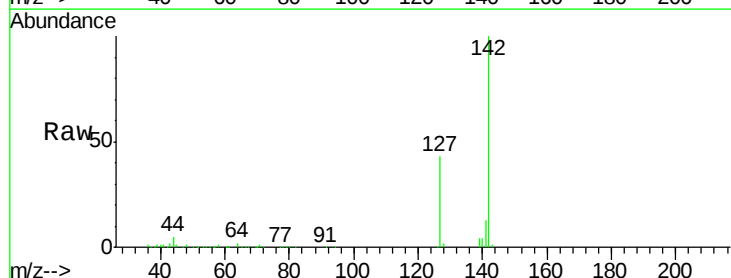
Tgt Ion:142 Resp: 58849

Ion Ratio Lower Upper

142 100

127 43.2 36.6 55.0

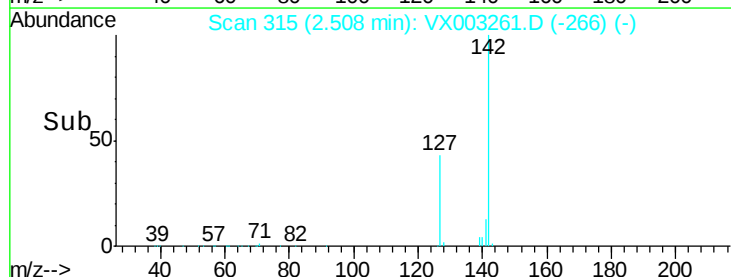
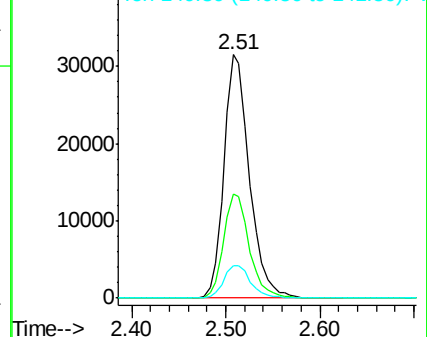
141 14.1 11.3 16.9

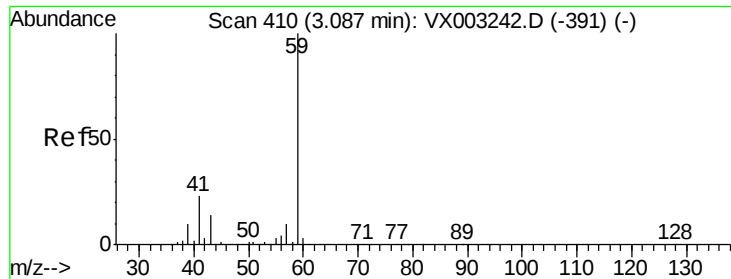


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

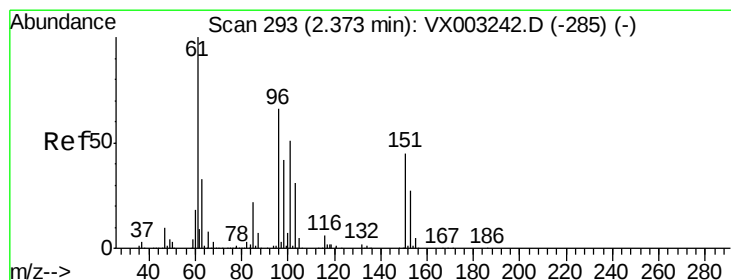
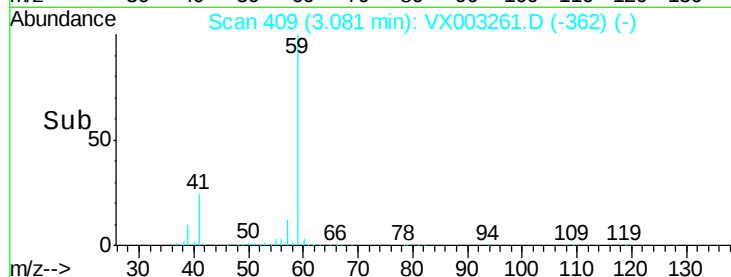
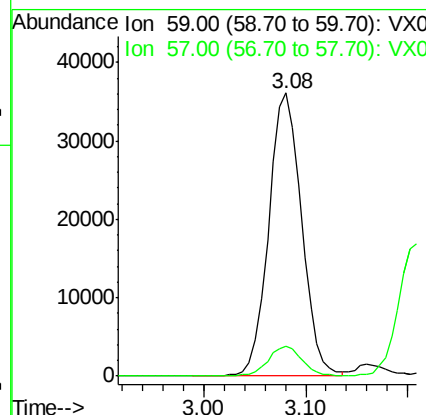
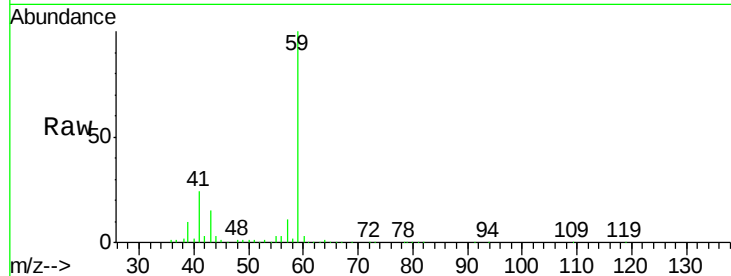




#11
Tert butyl alcohol
Concen: 114.90 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

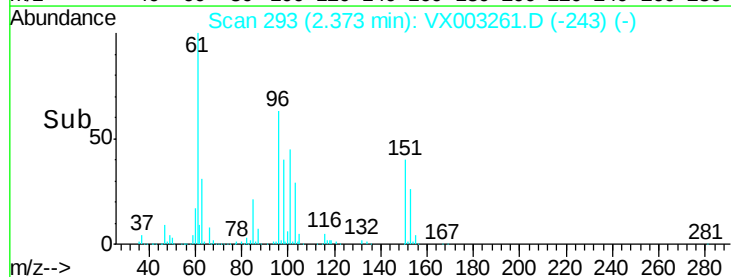
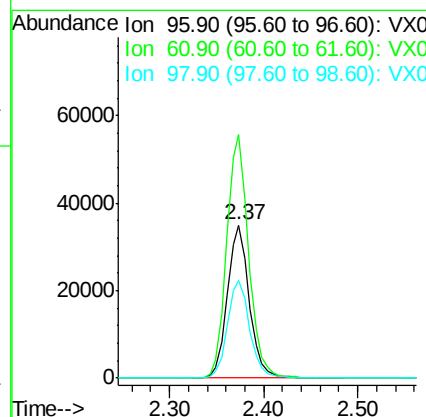
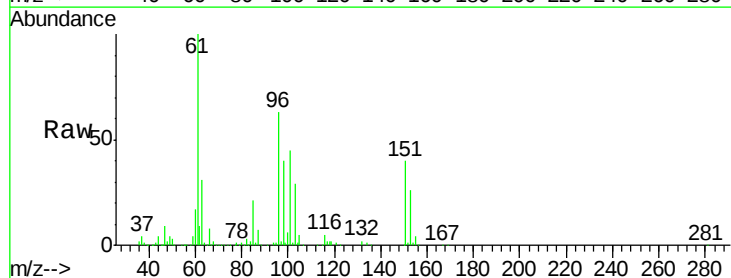
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

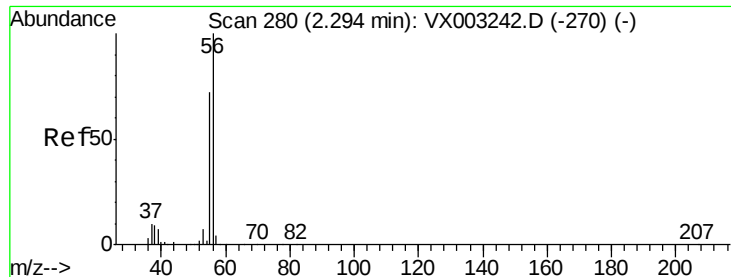
Tot Ion: 59 Resp: 80834
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.31 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 96 Resp: 56278
Ion Ratio Lower Upper
96 100
61 159.4 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 93.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

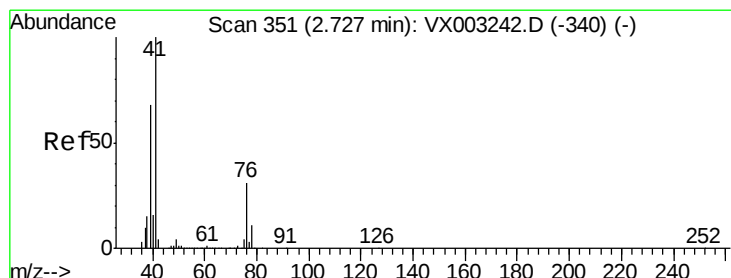
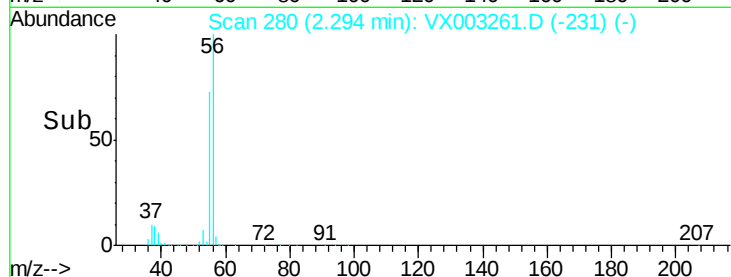
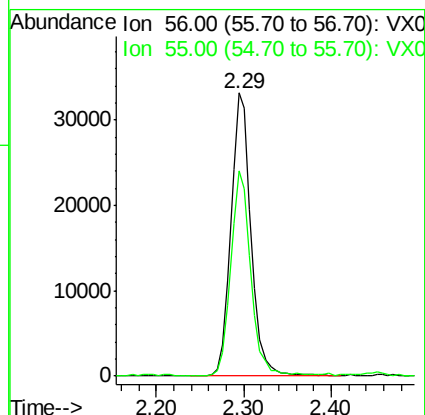
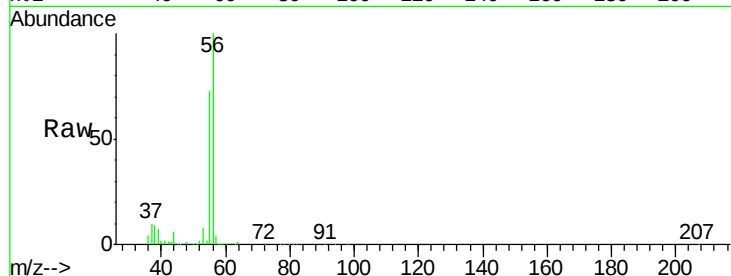
VX0709WBS02

Tot Ion: 56 Resp: 52845

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 20.26 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

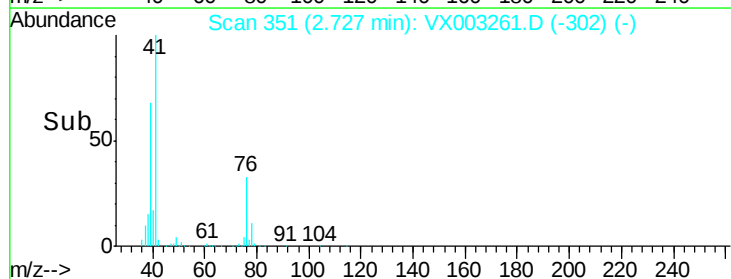
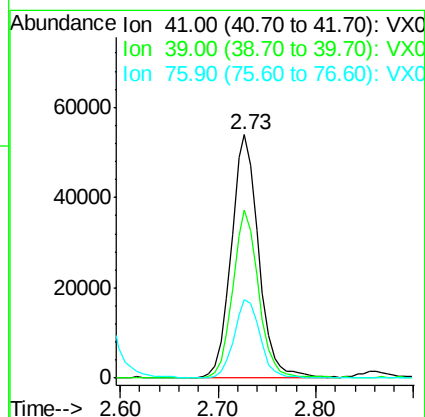
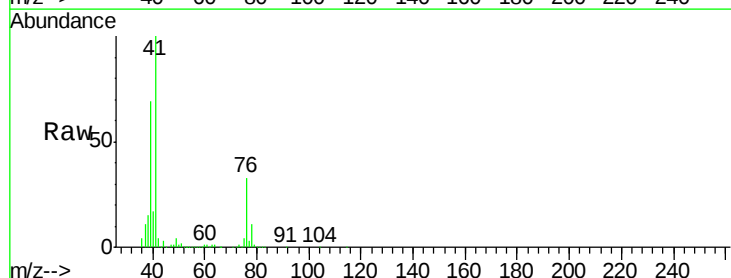
Tgt Ion: 41 Resp: 103962

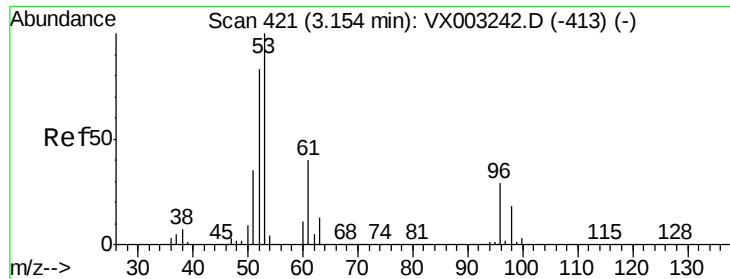
Ion Ratio Lower Upper

41 100

39 64.9 56.8 85.2

76 31.4 23.8 35.8

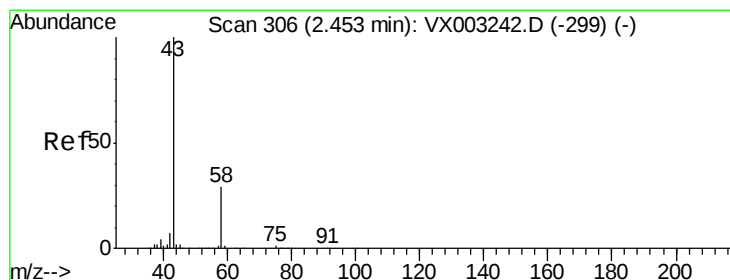
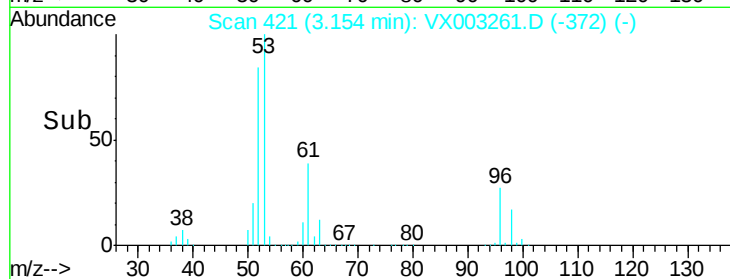
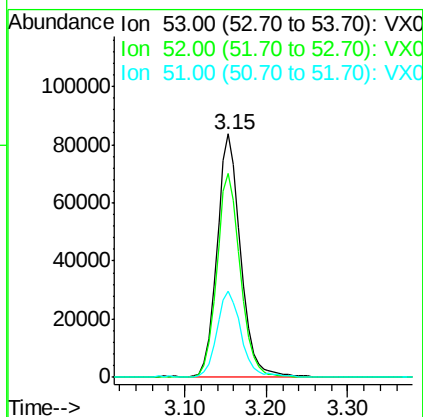
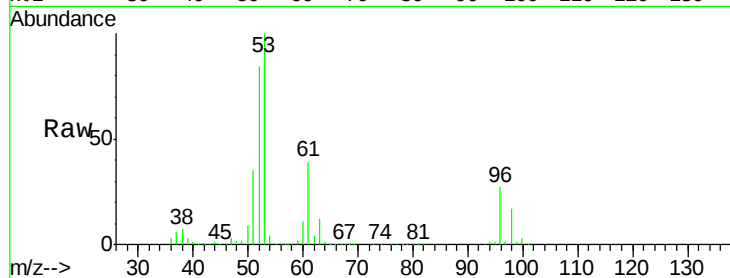




#15
 Acrylonitrile
 Concen: 106.35 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

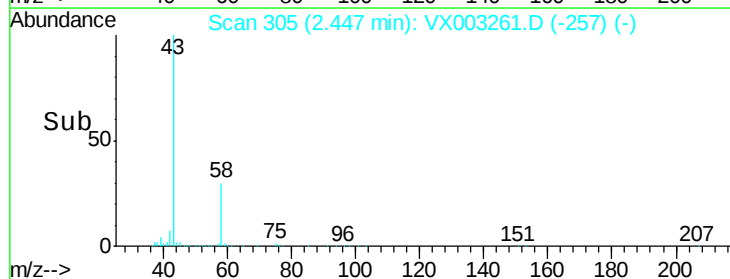
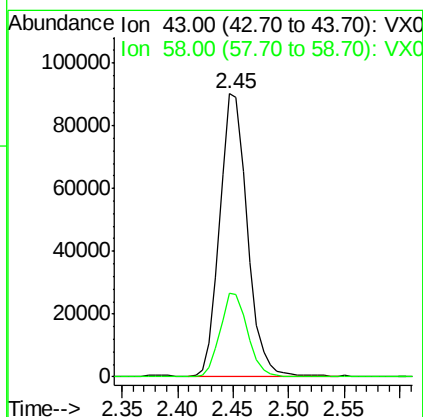
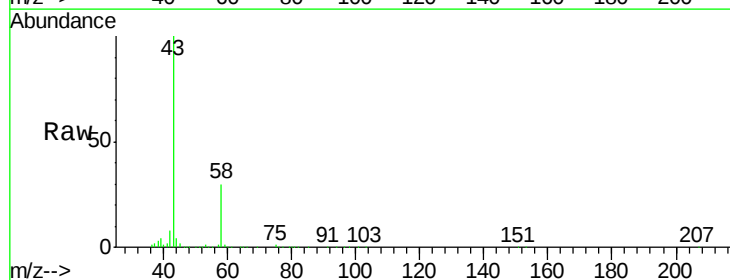
Instrument :
 MSVOA_X
 ClientSampled :
 VX0709WBS02

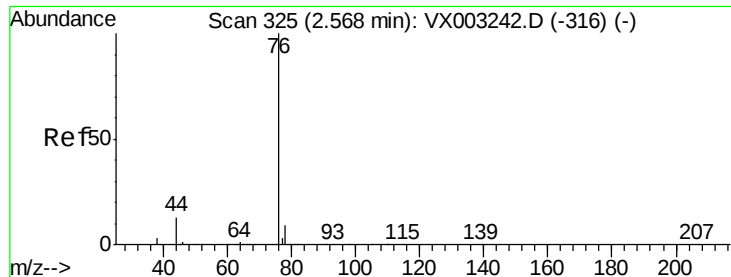
Tot Ion: 53 Resp: 167075
 Ion Ratio Lower Upper
 53 100
 52 84.0 66.7 100.1
 51 36.7 29.9 44.9



#16
 Acetone
 Concen: 112.09 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Tgt Ion: 43 Resp: 154434
 Ion Ratio Lower Upper
 43 100
 58 29.6 22.1 33.1

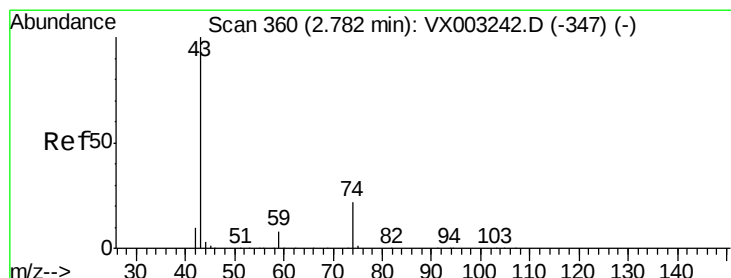
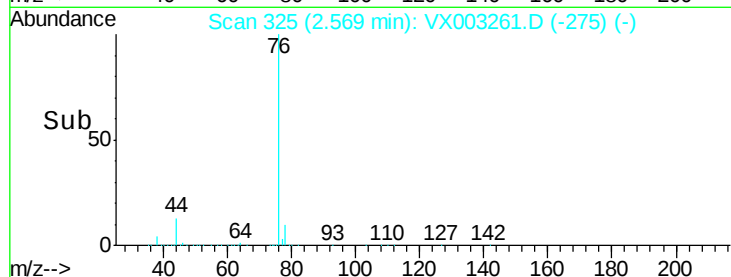
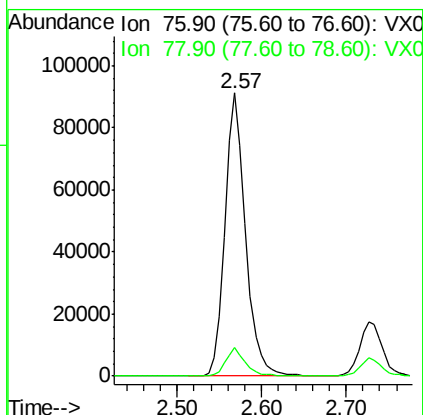
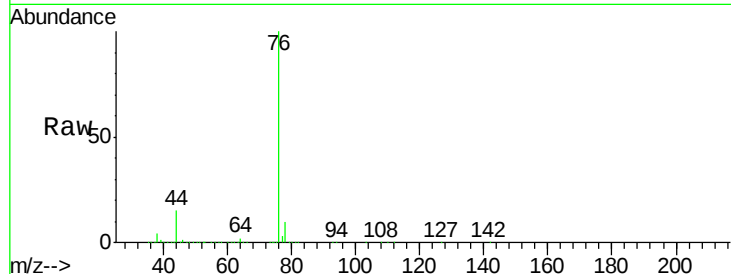




#17
Carbon Disulfide
Concen: 19.84 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

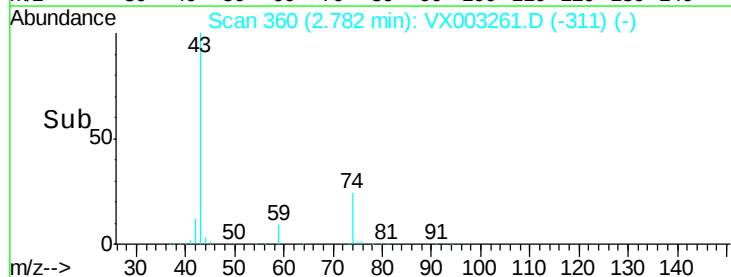
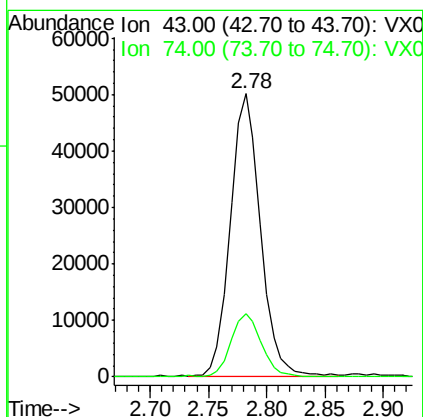
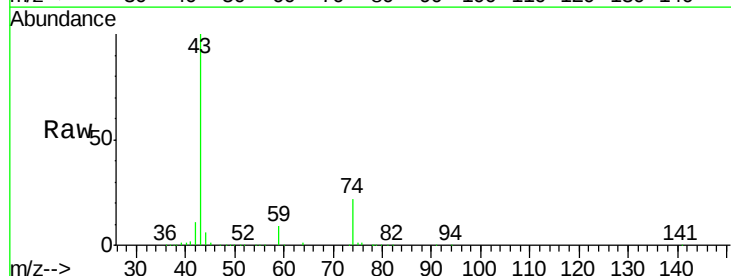
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

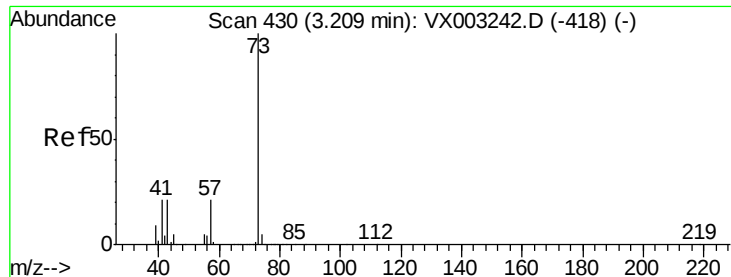
Tot Ion: 76 Resp: 152769
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 23.07 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 43 Resp: 89665
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1

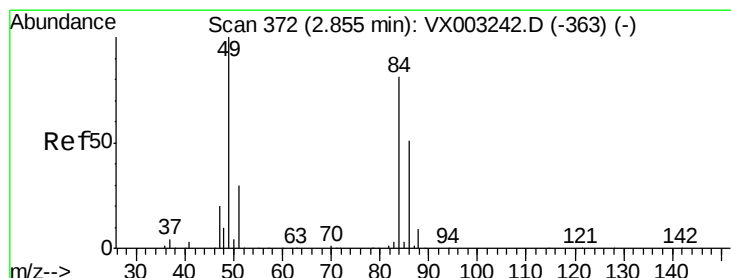
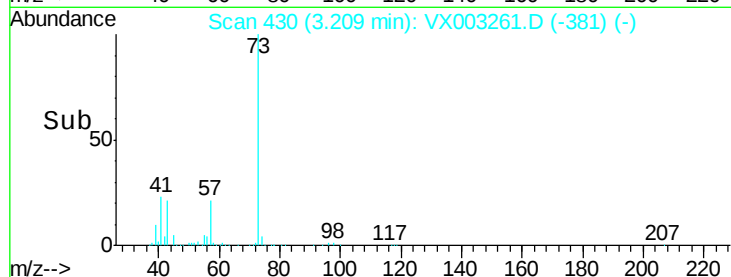
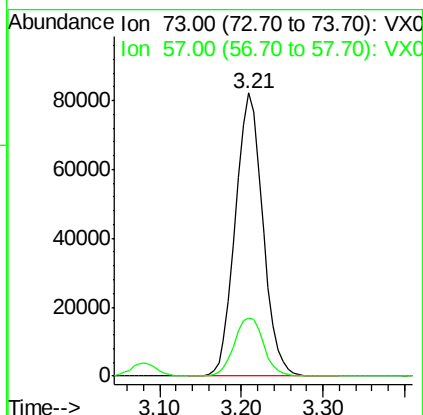
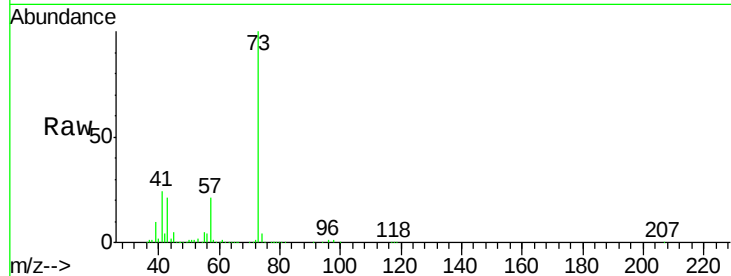




#19
Methyl tert-butyl Ether
Concen: 20.68 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

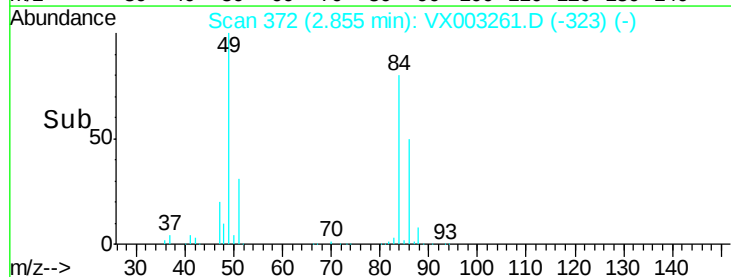
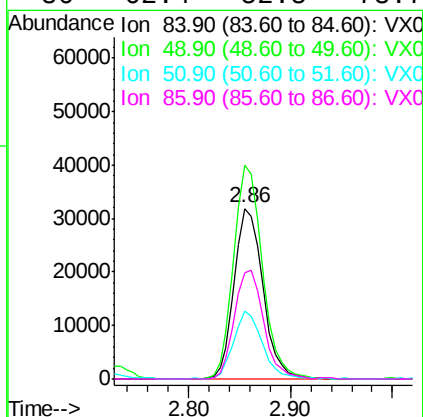
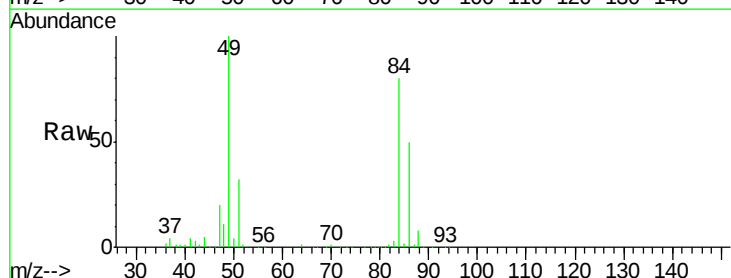
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

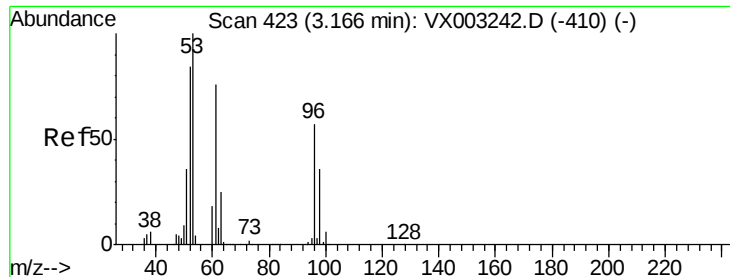
Tot Ion: 73 Resp: 191441
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 21.76 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 84 Resp: 62565
Ion Ratio Lower Upper
84 100
49 125.2 107.8 161.6
51 39.4 32.8 49.2
86 62.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

VX0709WBS02

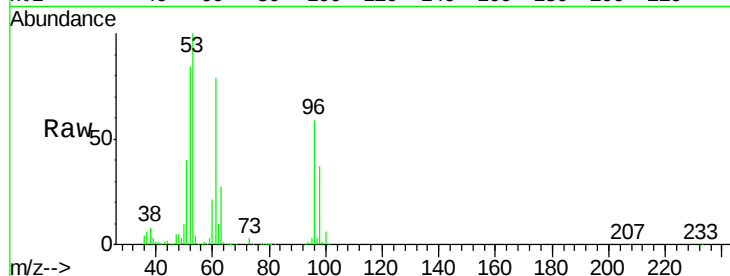
Tot Ion: 96 Resp: 60810

Ion Ratio Lower Upper

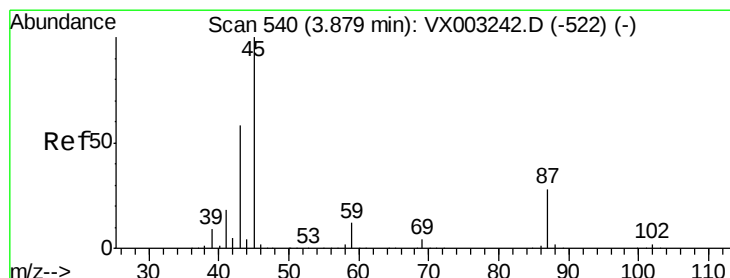
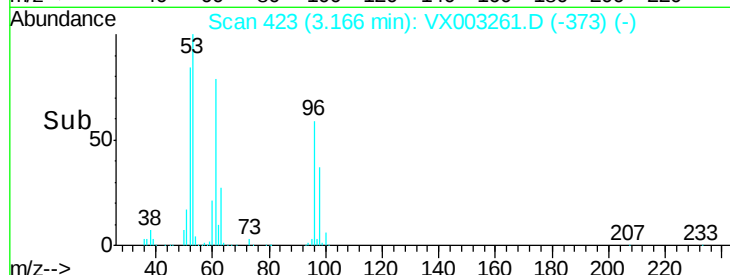
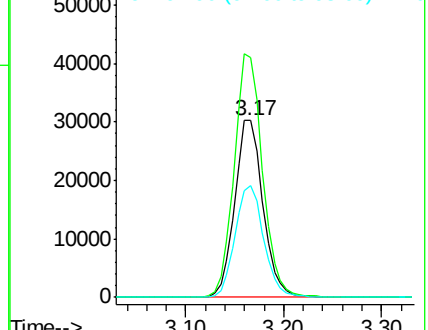
96 100

61 135.2 117.0 175.4

98 63.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.87 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Tgt Ion: 45 Resp: 207486

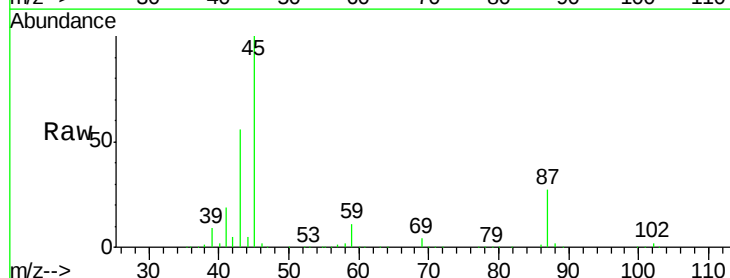
Ion Ratio Lower Upper

45 100

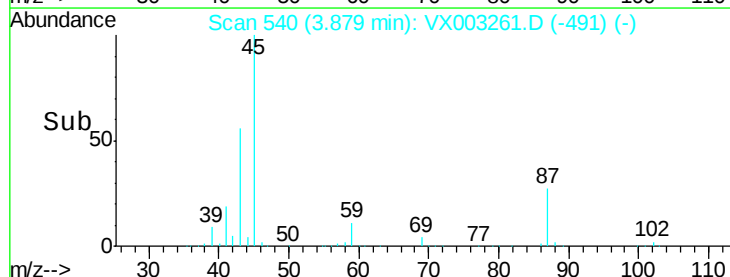
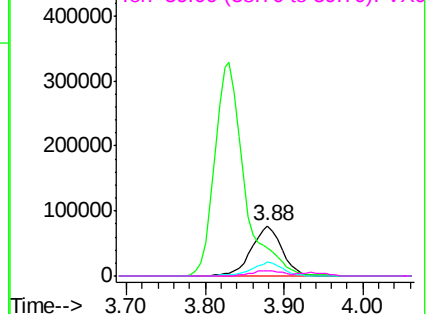
43 54.8 46.8 70.2

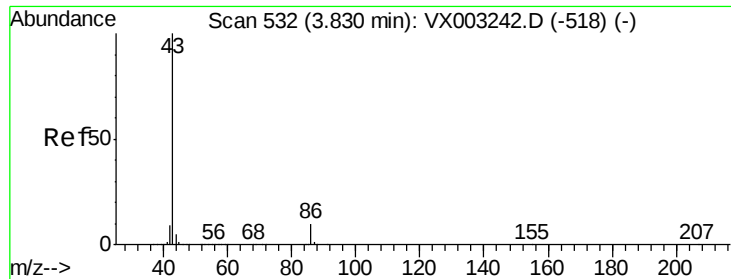
87 26.9 20.2 30.4

59 11.3 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.31 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

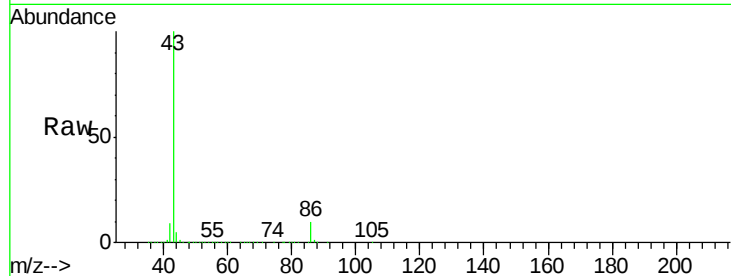
VX0709WBS02

Tot Ion: 43 Resp: 862716

Ion Ratio Lower Upper

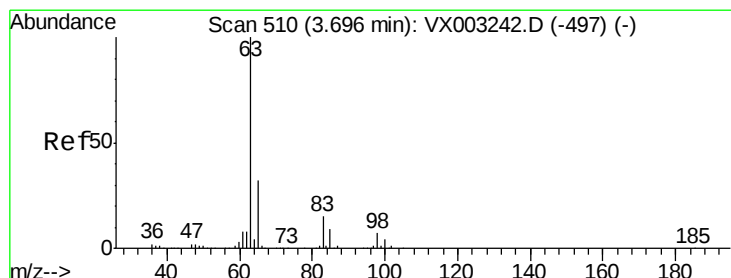
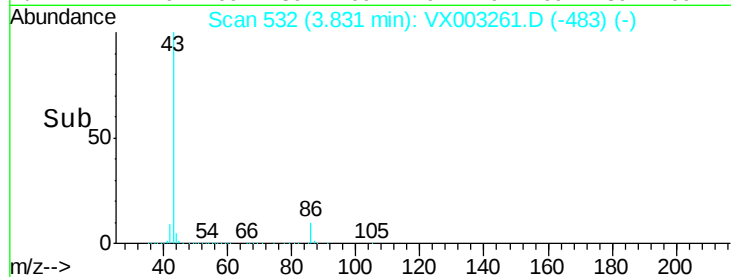
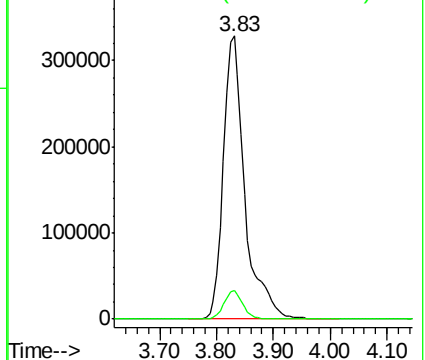
43 100

86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.66 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

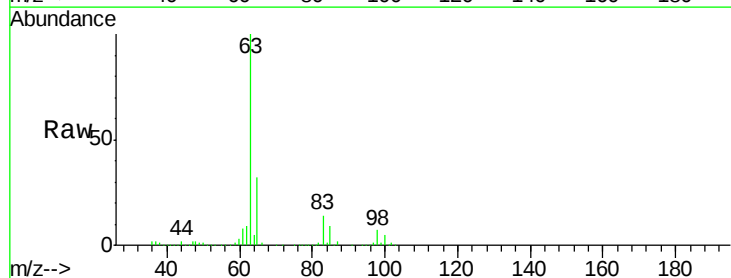
Tgt Ion: 63 Resp: 112266

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

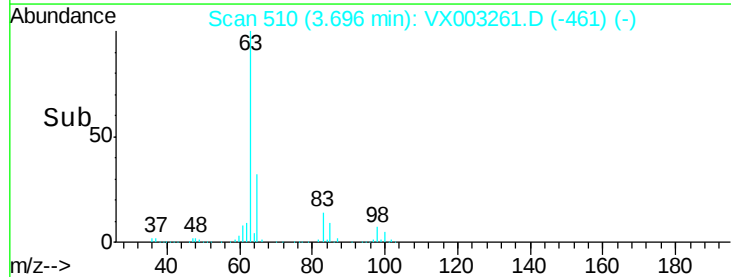
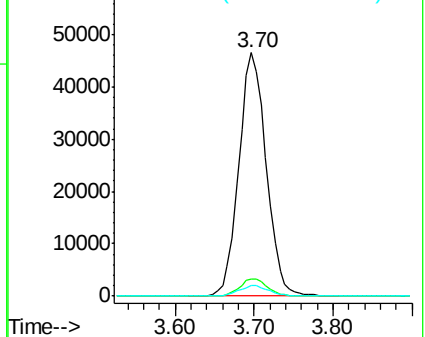
100 4.5 2.0 6.0

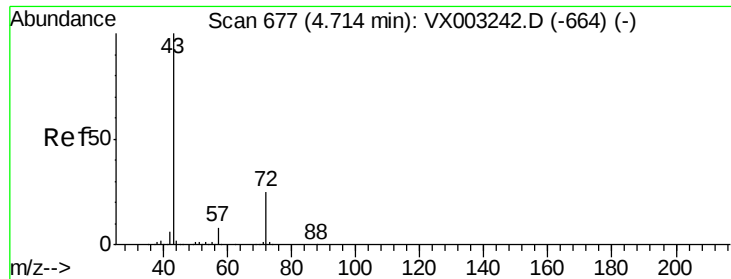


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.85 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

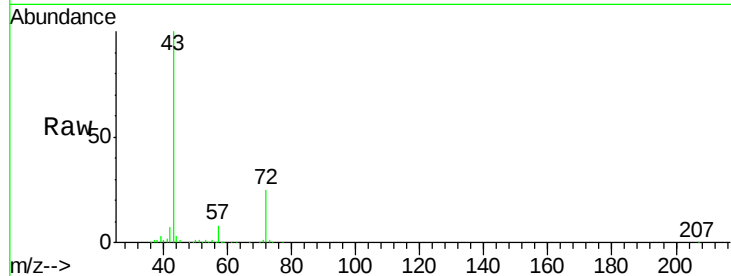
VX0709WBS02

Tot Ion: 43 Resp: 262922

Ion Ratio Lower Upper

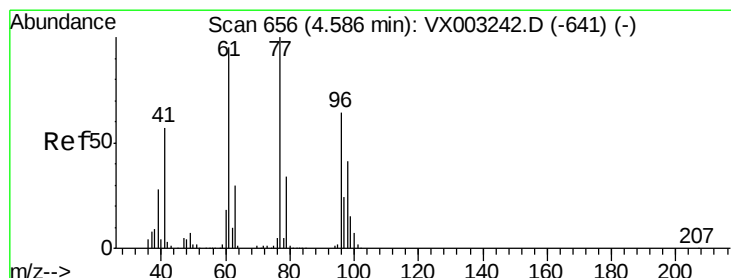
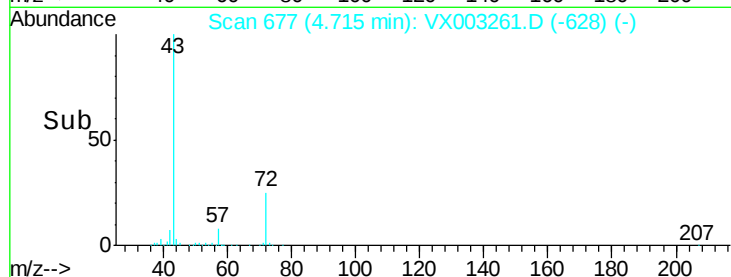
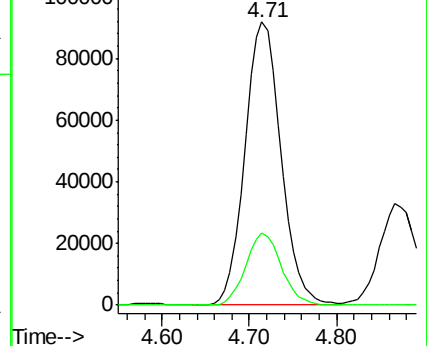
43 100

72 25.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.41 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003261.D

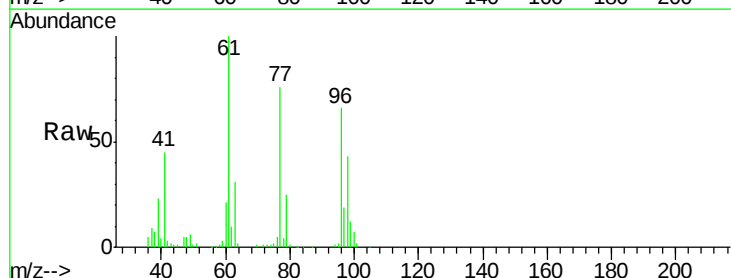
Acq: 09 Jul 2018 23:10

Tgt Ion: 77 Resp: 68495

Ion Ratio Lower Upper

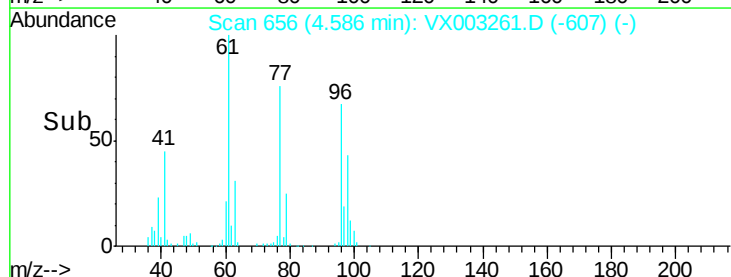
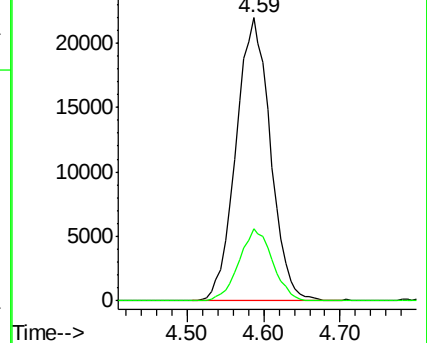
77 100

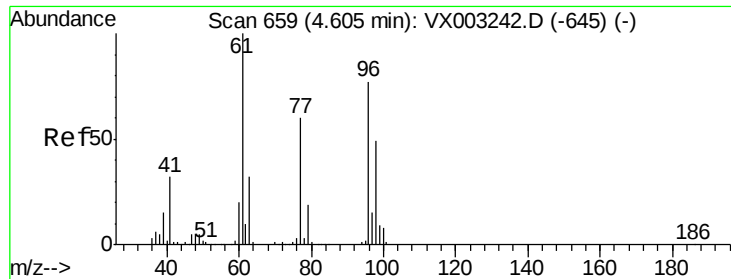
97 24.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



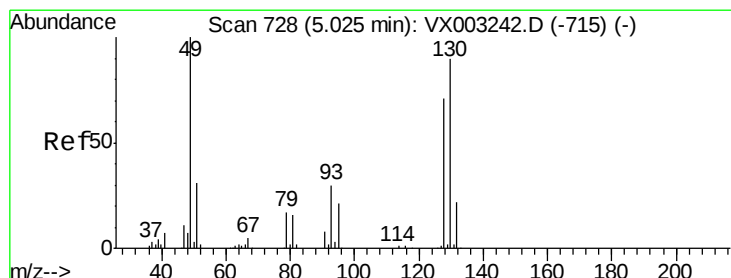
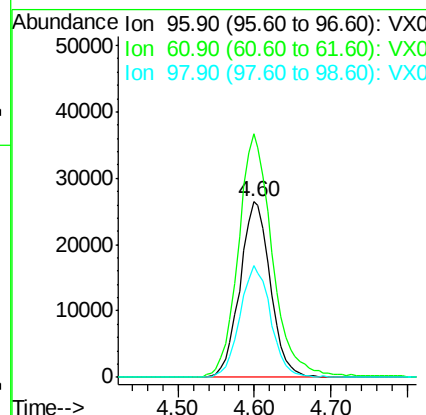
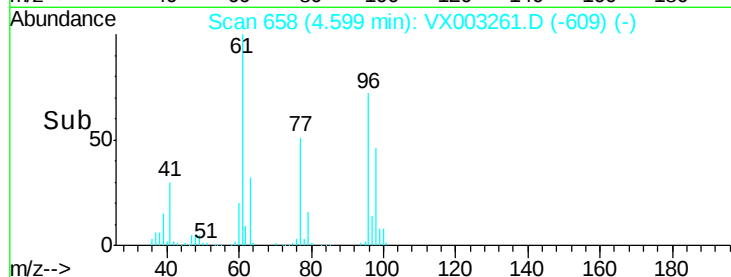
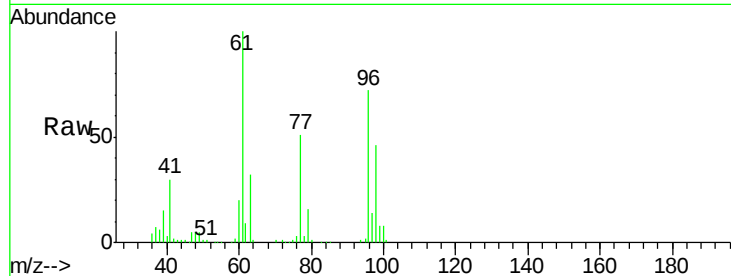


#27

cis-1,2-Dichloroethene
Concen: 20.04 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

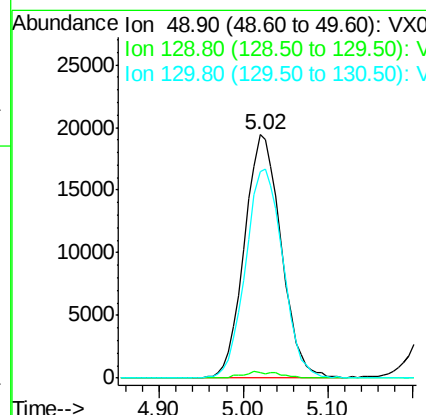
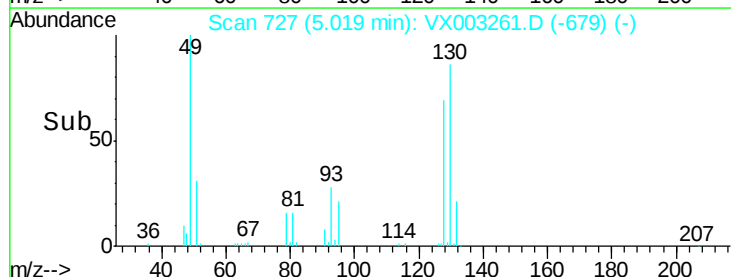
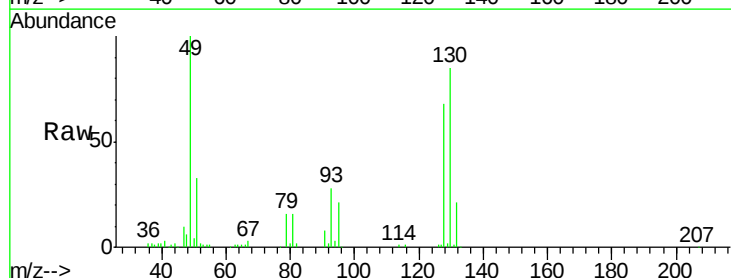
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	330.2
98	64.4	0.0	130.2

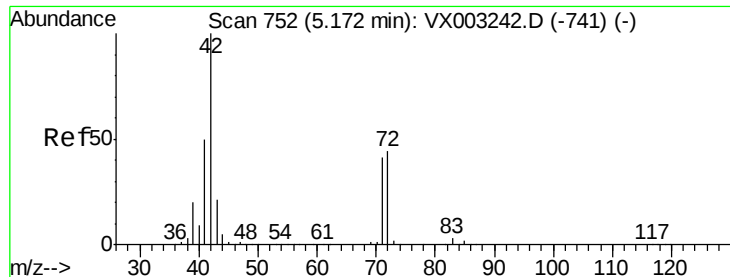


#28

Bromochloromethane
Concen: 20.98 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	87.1	61.2	91.8





#29

Tetrahydrofuran

Concen: 105.95 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

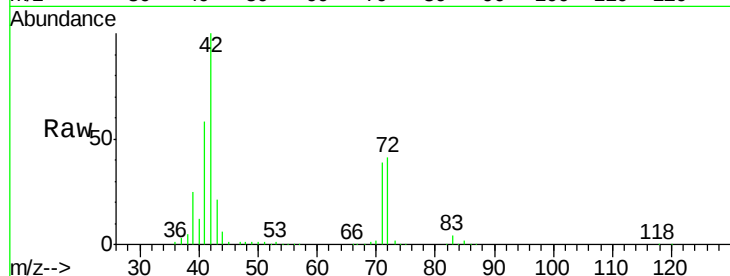
Tot Ion: 42 Resp: 167648

Ion Ratio Lower Upper

42 100

72 42.7 32.0 48.0

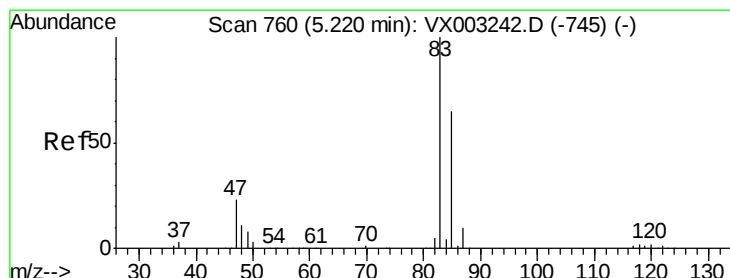
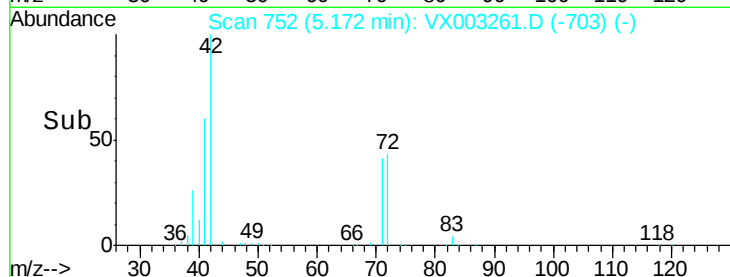
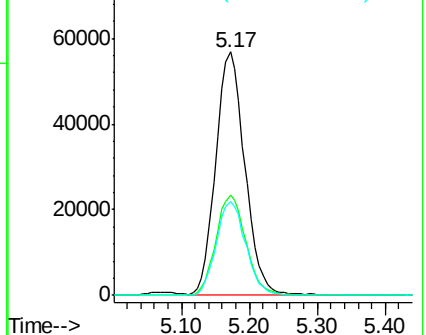
71 39.6 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.63 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003261.D

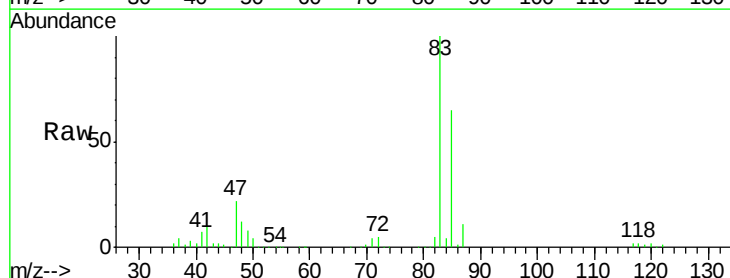
Acq: 09 Jul 2018 23:10

Tgt Ion: 83 Resp: 123346

Ion Ratio Lower Upper

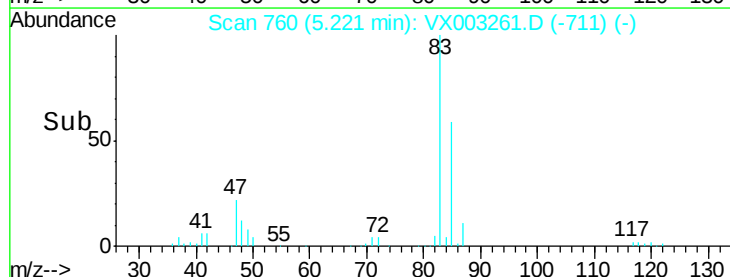
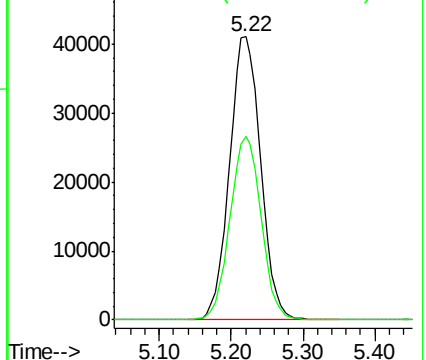
83 100

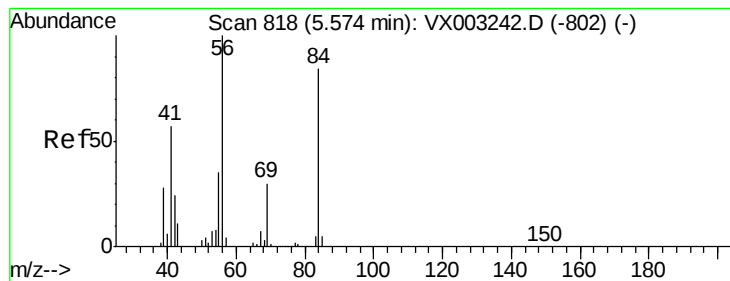
85 64.9 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.34 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

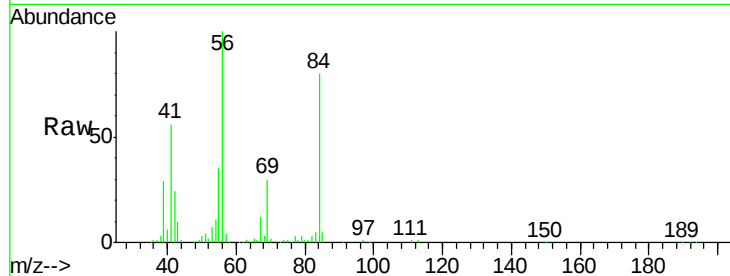
Tot Ion: 56 Resp: 103516

Ion Ratio Lower Upper

56 100

69 30.2 23.7 35.5

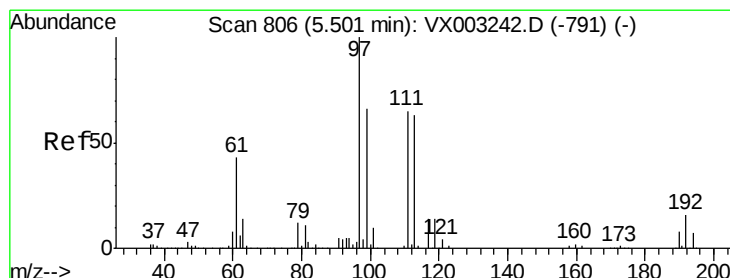
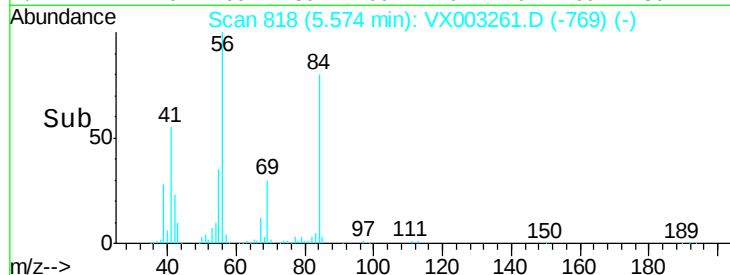
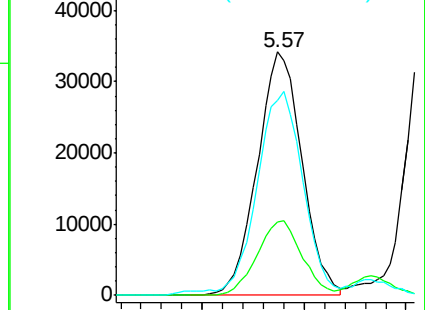
84 78.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.56 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

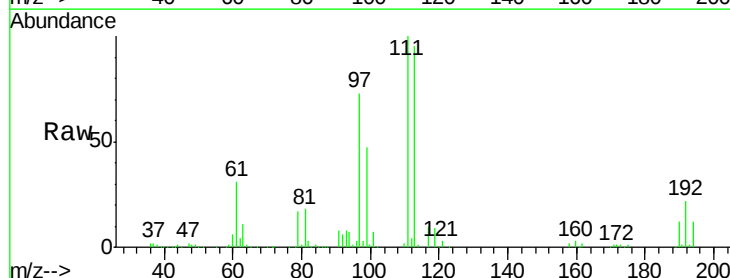
Tgt Ion: 97 Resp: 108413

Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

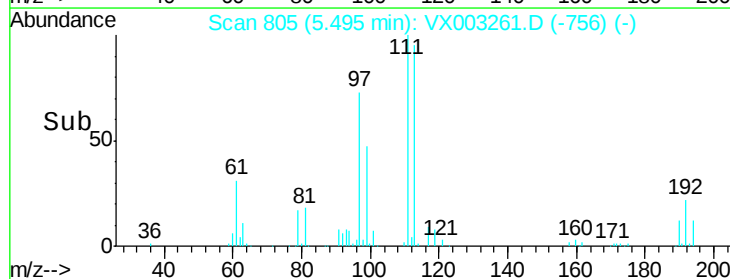
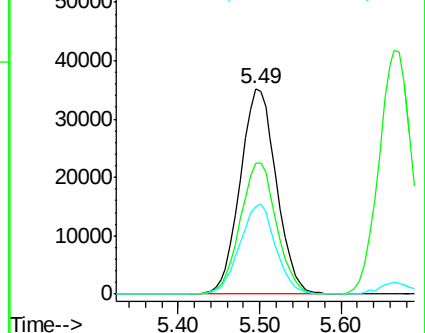
61 43.3 36.4 54.6

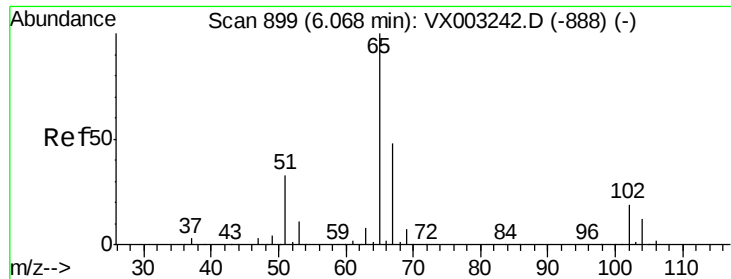


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

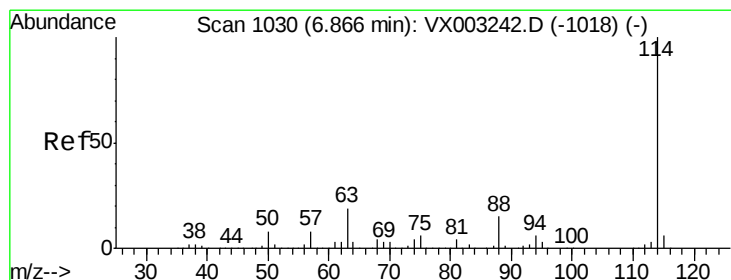
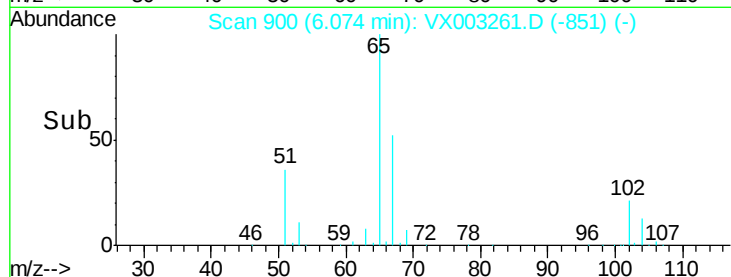
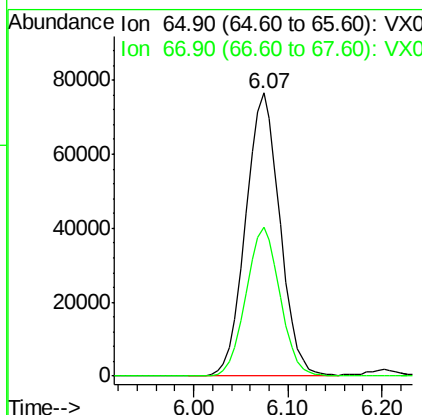
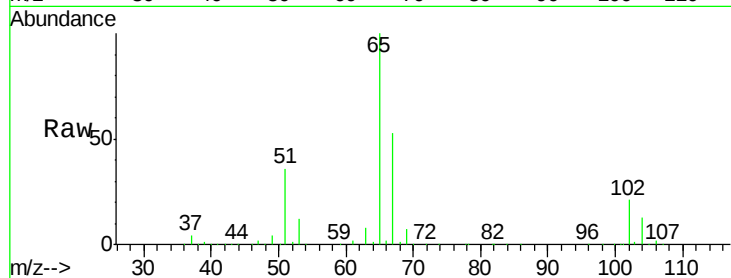




#33
 1,2-Dichloroethane-d4
 Concen: 50.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

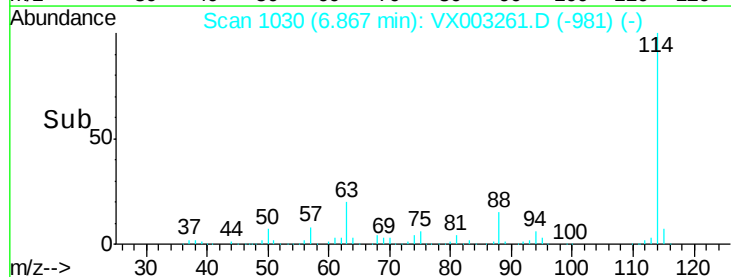
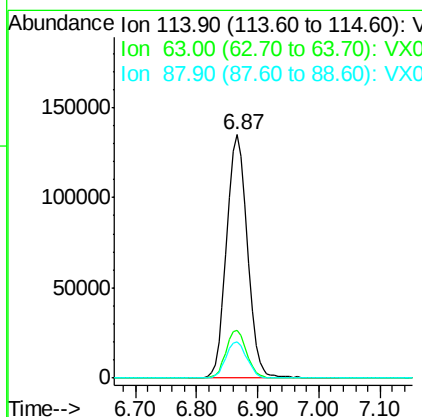
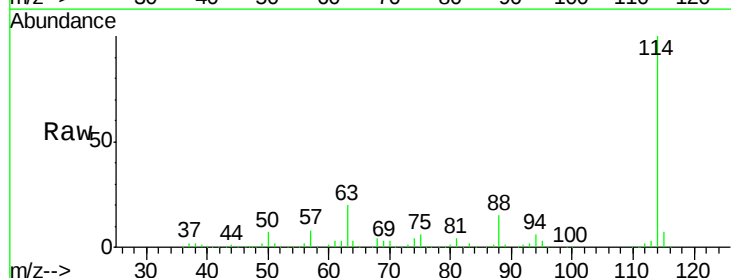
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

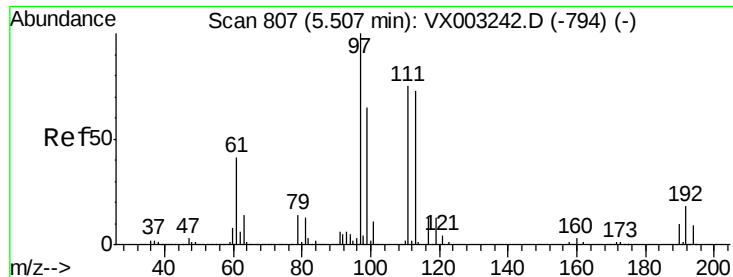
Tot Ion: 65 Resp: 195376
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Tgt Ion: 114 Resp: 315972
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.0 0.0 30.0

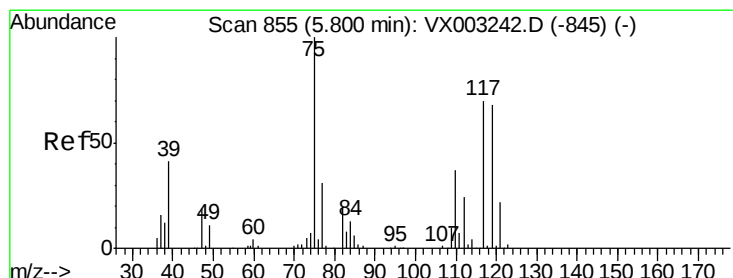
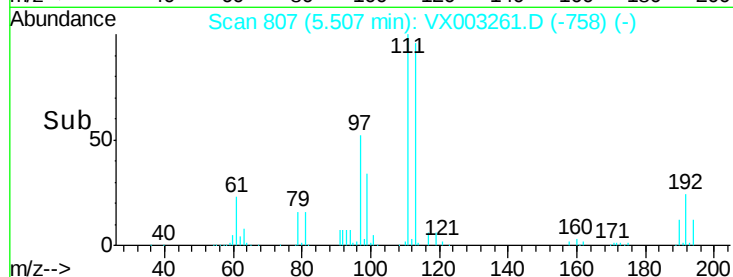
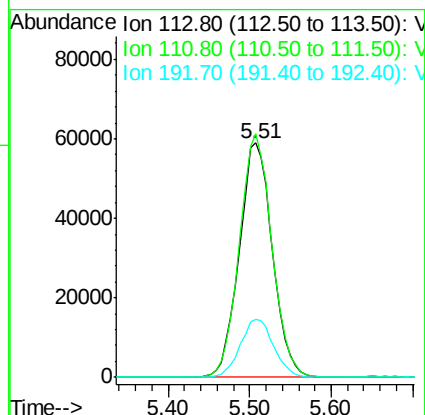
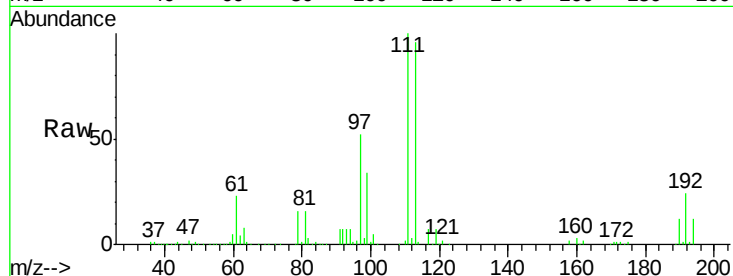




#35
 Dibromofluoromethane
 Concen: 48.98 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

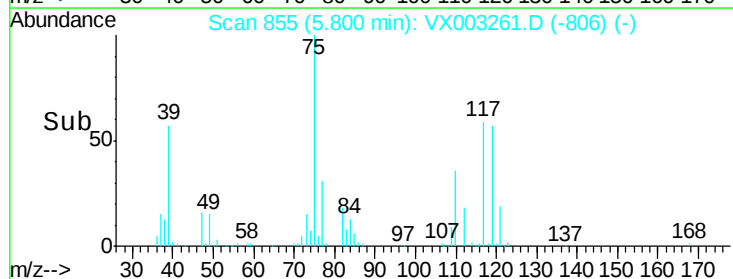
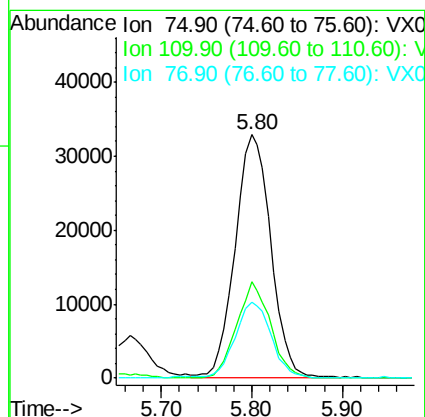
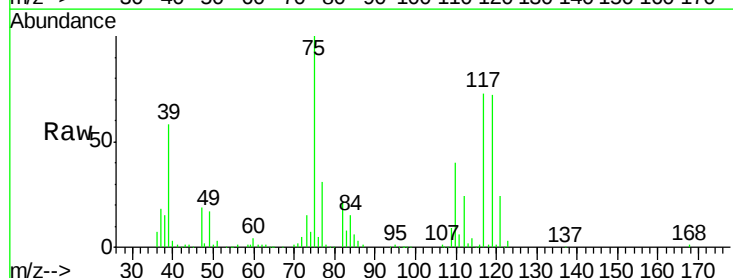
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

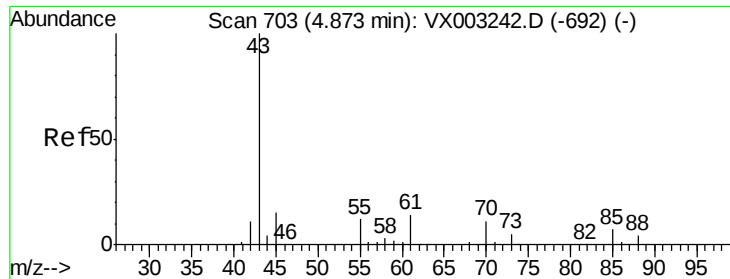
Tot Ion:113 Resp: 166280
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 24.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.93 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Tgt Ion: 75 Resp: 89126
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.1 54.4
 77 31.6 24.3 36.5

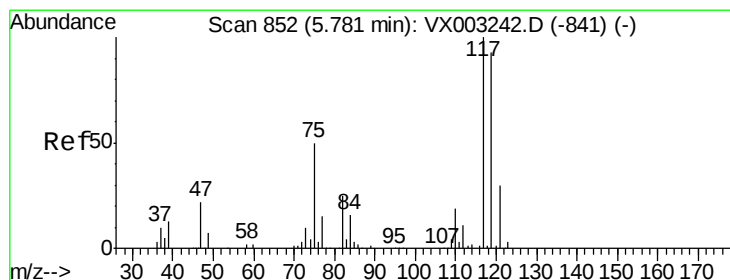
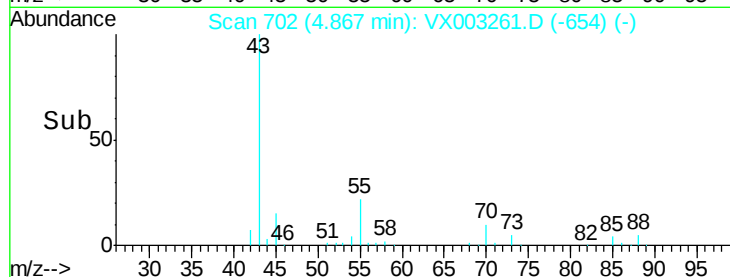
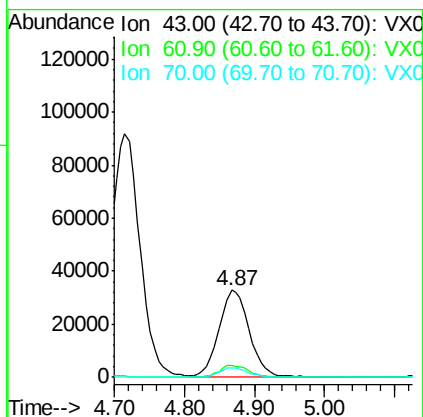
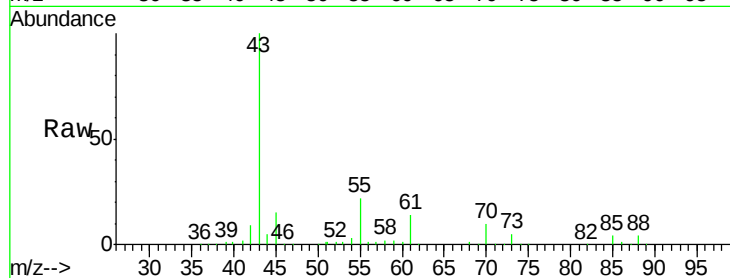




#37
Ethyl Acetate
Concen: 20.15 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

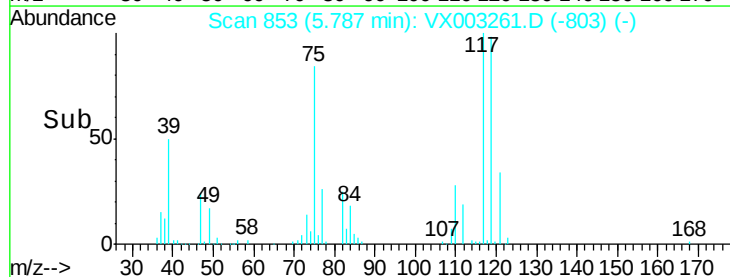
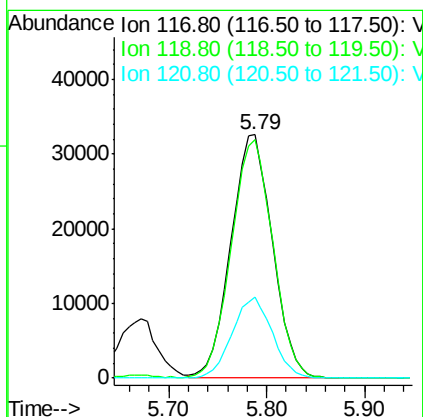
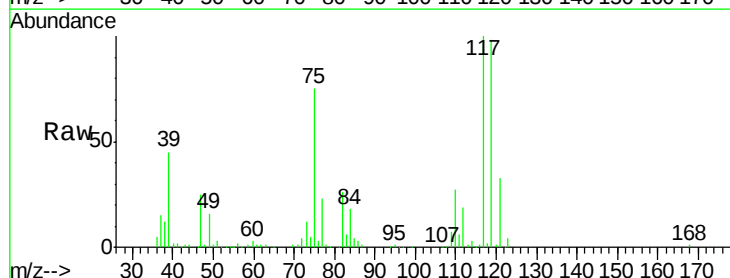
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion: 43 Resp: 98819
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 10.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.65 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 117 Resp: 96137
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.0
121 33.4 24.4 36.6

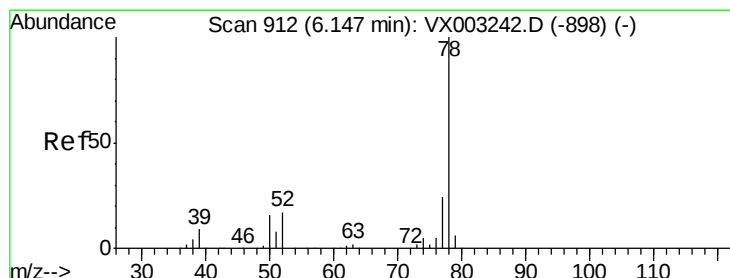
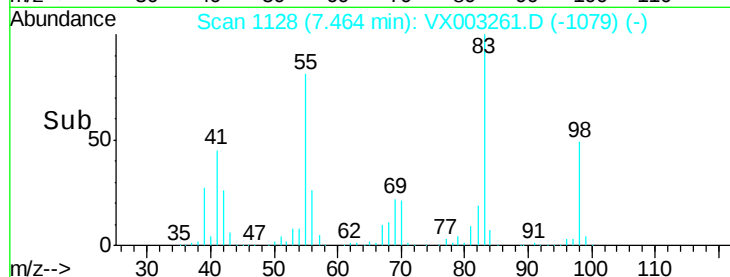
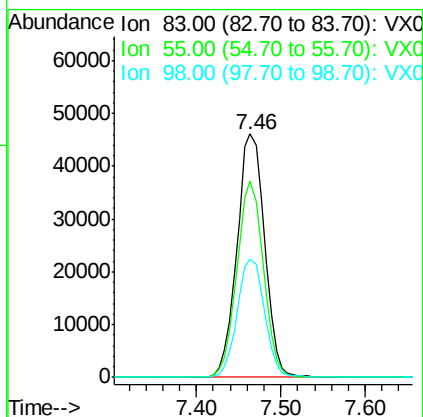
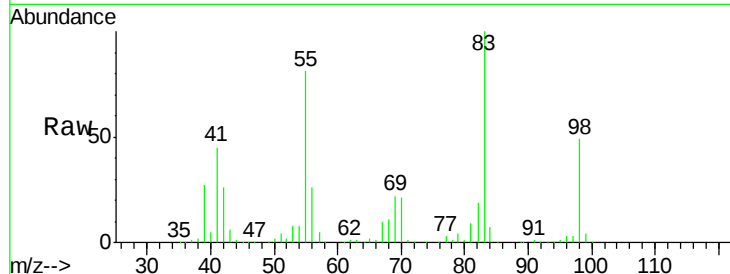




#39
Methvlcvclohexane
Concen: 19.31 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

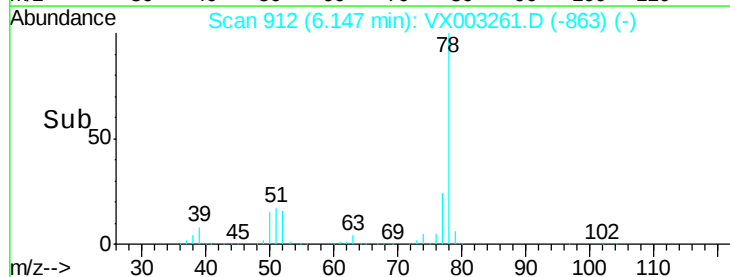
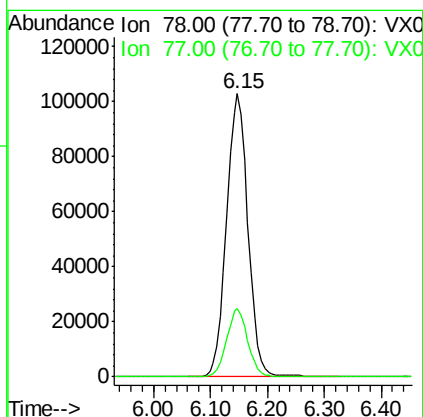
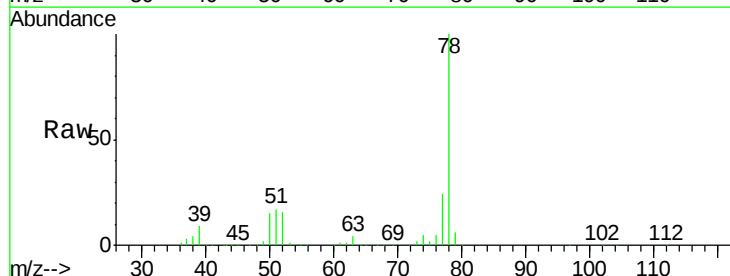
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

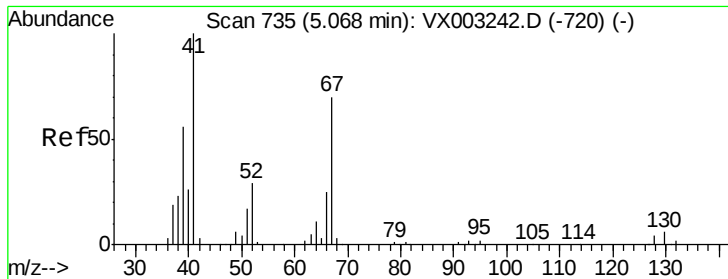
Tot Ion: 83 Resp: 101760
Ion Ratio Lower Upper
83 100
55 80.7 65.4 98.0
98 48.6 37.4 56.0



#40
Benzene
Concen: 20.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 78 Resp: 269763
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7





#41

Methacrylonitrile

Concen: 20.71 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 41 Resp: 55605

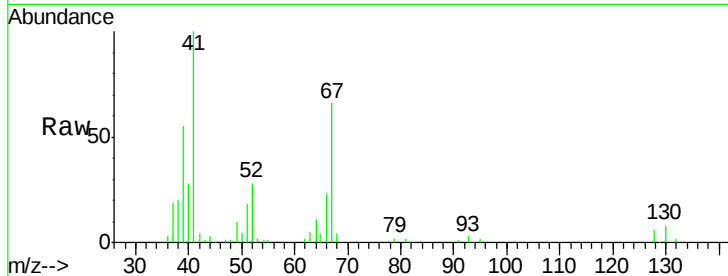
Ion Ratio Lower Upper

41 100

39 57.3 45.8 68.6

67 68.5 51.3 76.9

52 29.6 23.0 34.6

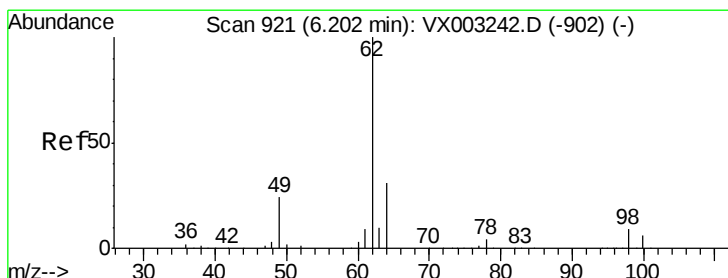
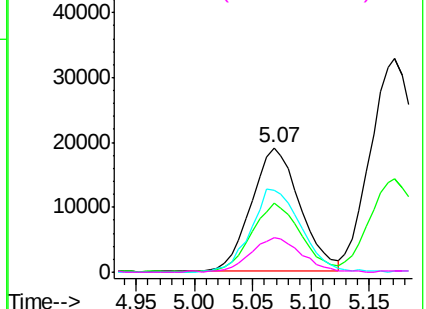
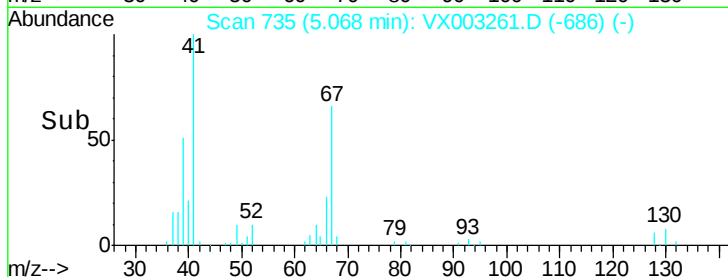


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 20.04 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003261.D

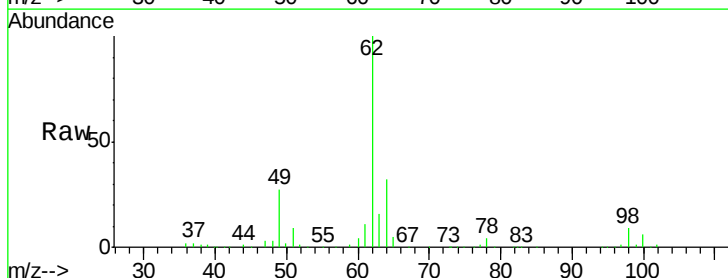
Acq: 09 Jul 2018 23:10

Tgt Ion: 62 Resp: 99236

Ion Ratio Lower Upper

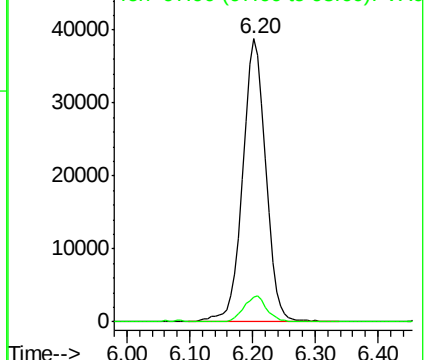
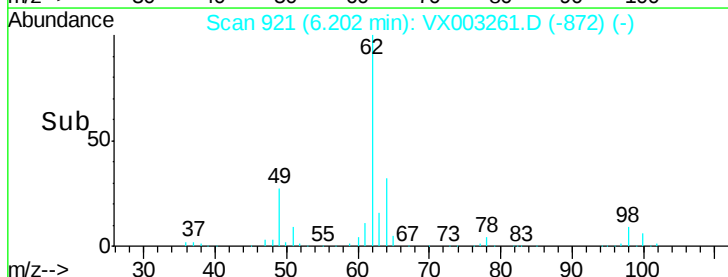
62 100

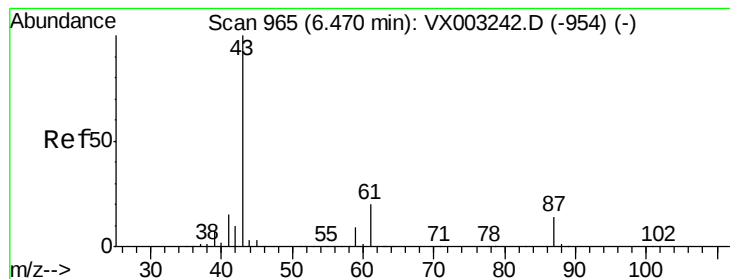
98 9.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

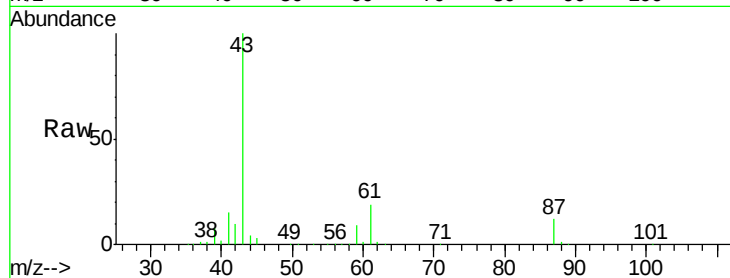
Tot Ion: 43 Resp: 154878

Ion Ratio Lower Upper

43 100

61 19.1 14.4 21.6

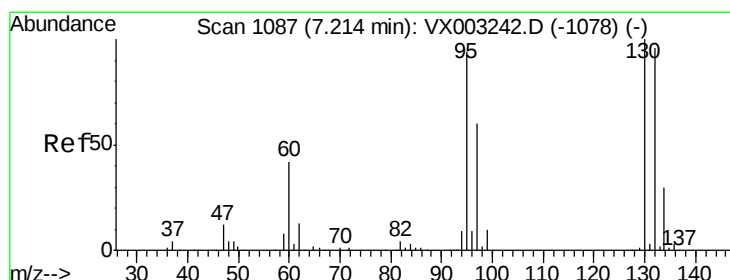
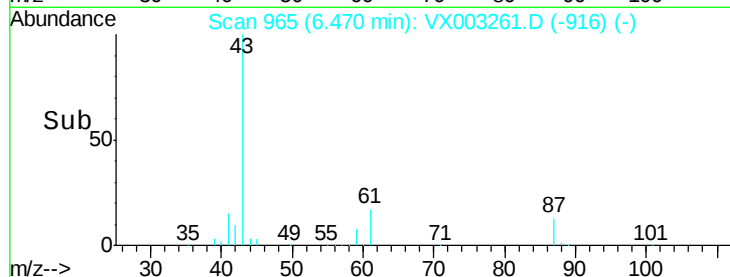
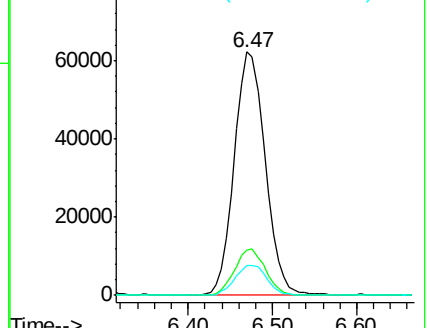
87 12.8 9.5 14.3



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



#44

Trichloroethene

Concen: 20.16 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003261.D

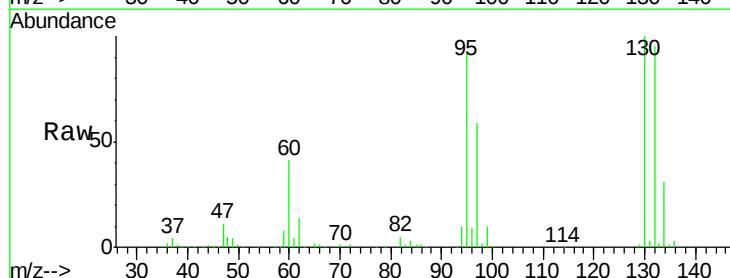
Acq: 09 Jul 2018 23:10

Tgt Ion:130 Resp: 79035

Ion Ratio Lower Upper

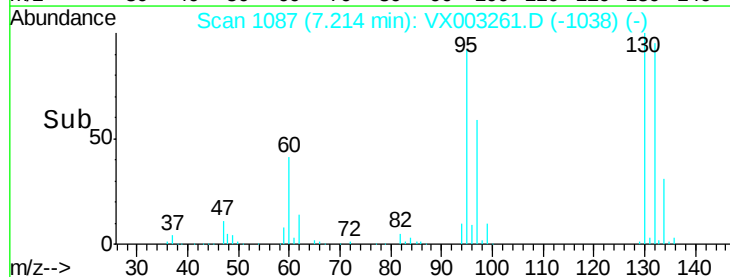
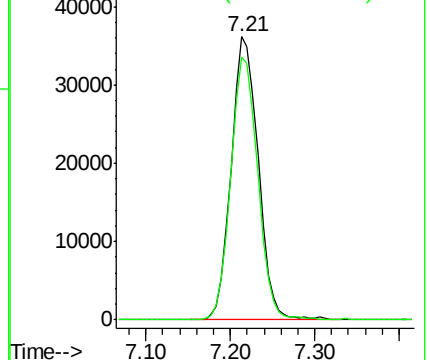
130 100

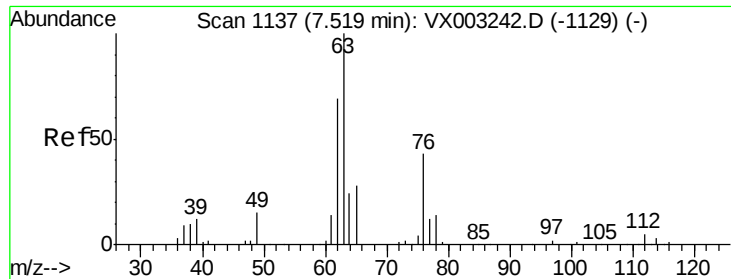
95 92.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

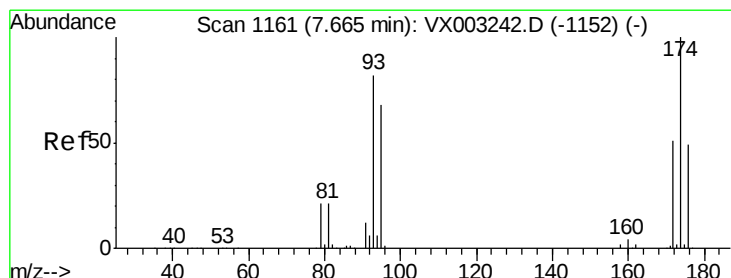
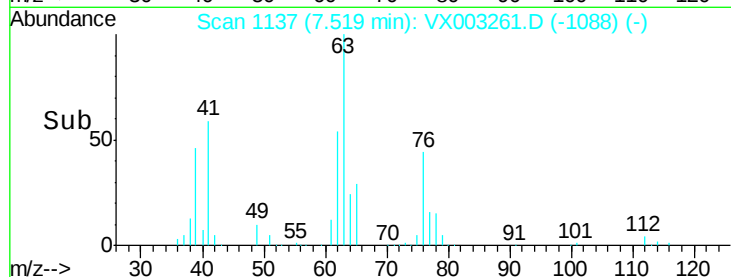
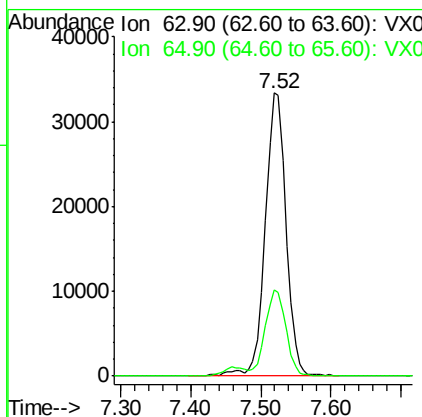
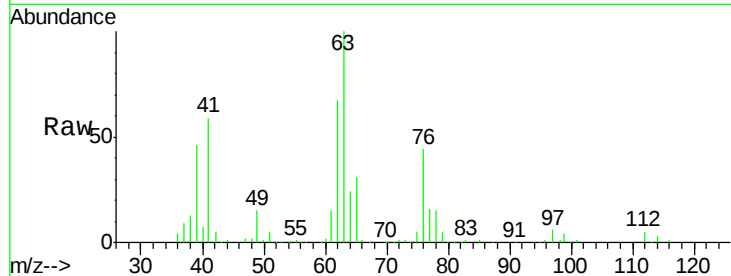




#45
 1,2-Dichloropropane
 Concen: 20.05 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

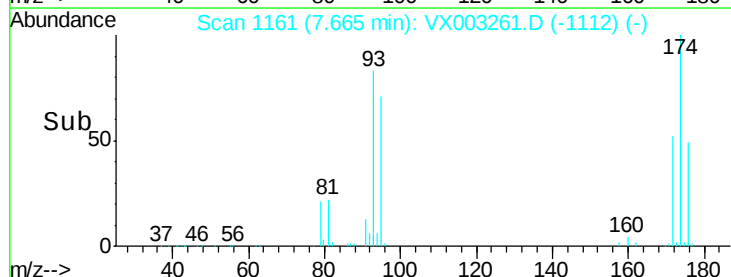
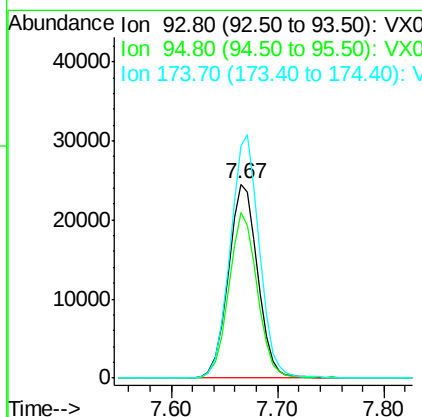
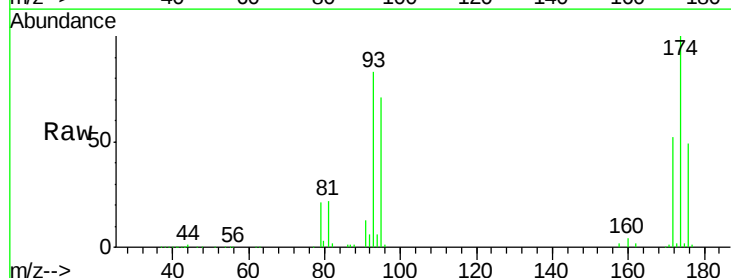
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

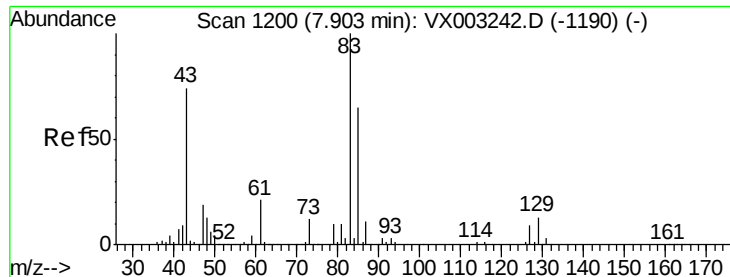
Tot Ion: 63 Resp: 69082
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 20.19 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Tgt Ion: 93 Resp: 47419
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 124.2 92.4 138.6





#47

Bromodichloromethane

Concen: 20.05 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

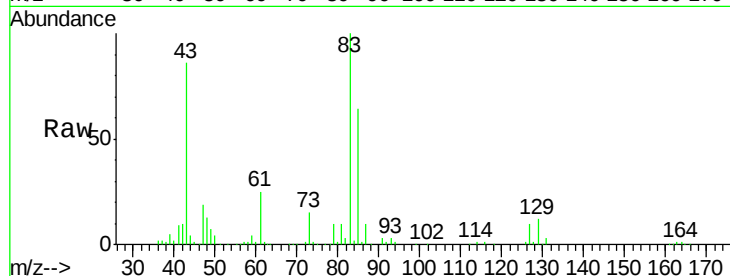
Tot Ion: 83 Resp: 86911

Ion Ratio Lower Upper

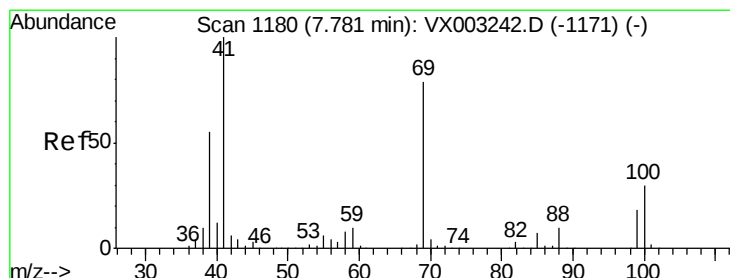
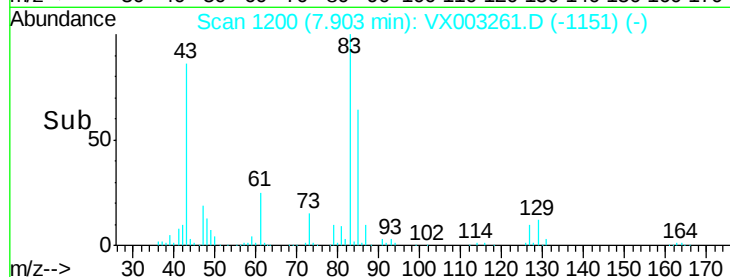
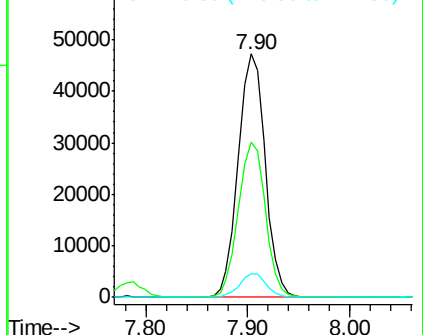
83 100

85 63.7 50.3 75.5

127 9.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.70 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

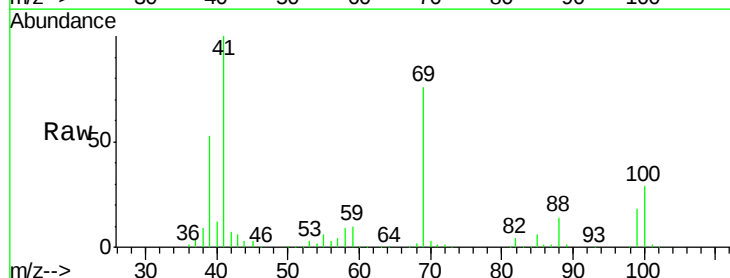
Tgt Ion: 41 Resp: 81733

Ion Ratio Lower Upper

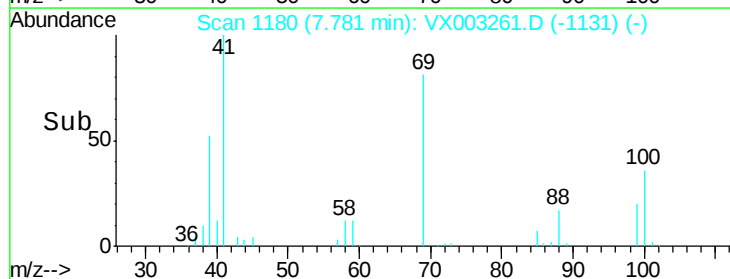
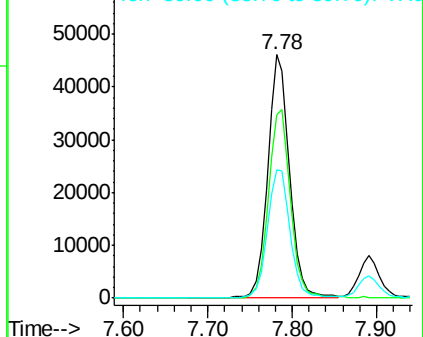
41 100

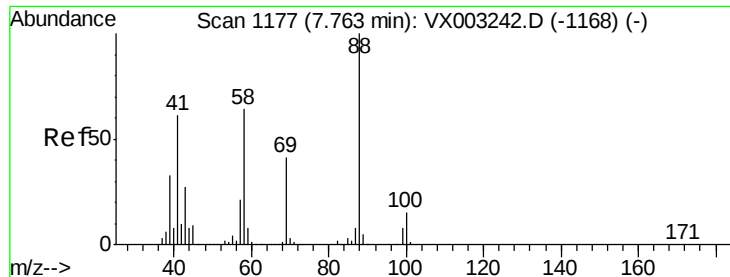
69 79.2 59.1 88.7

39 54.6 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

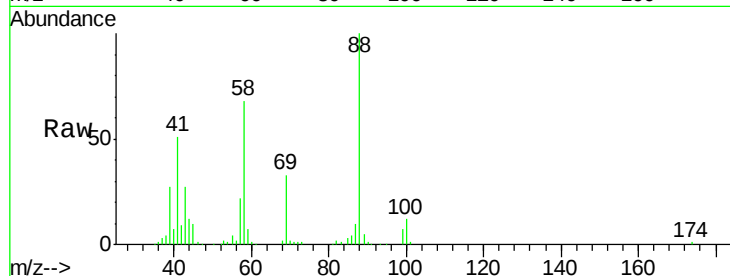




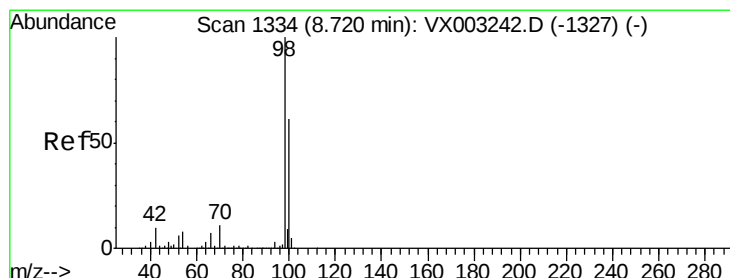
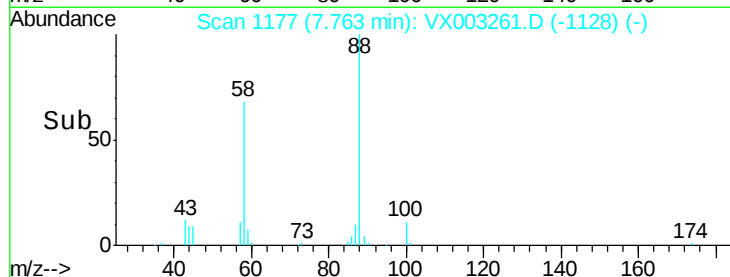
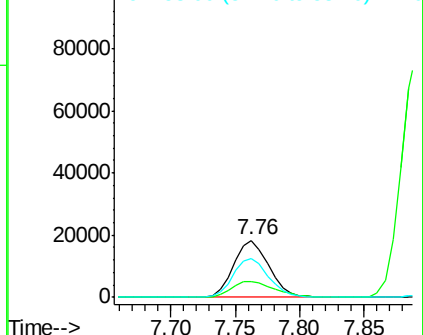
#49
1,4-Dioxane
Concen: 422.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion: 88 Resp: 34860
Ion Ratio Lower Upper
88 100
43 32.2 29.8 44.6
58 71.1 57.1 85.7

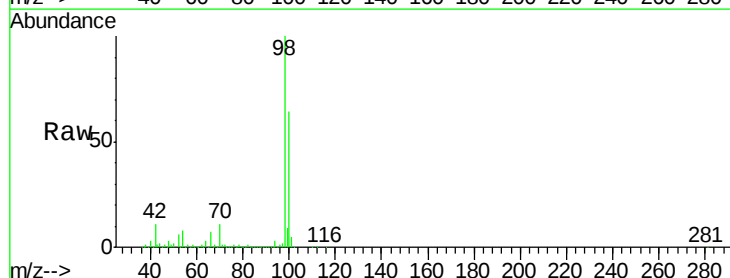


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

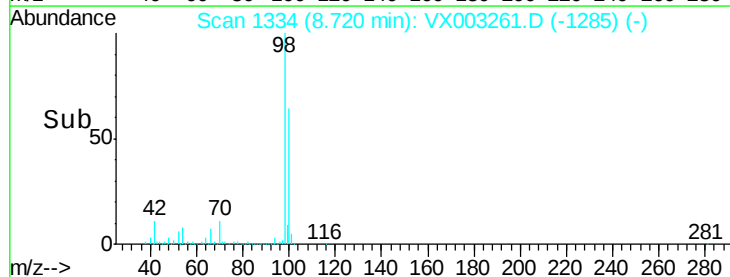
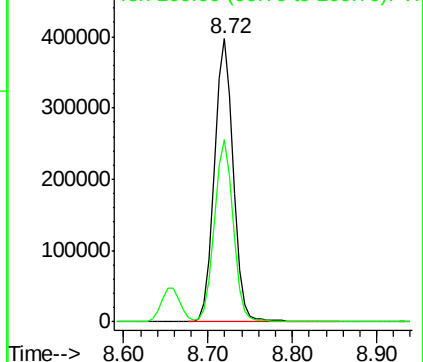


#50
Toluene-d8
Concen: 51.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 98 Resp: 617973
Ion Ratio Lower Upper
98 100
100 64.4 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: 108.50 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

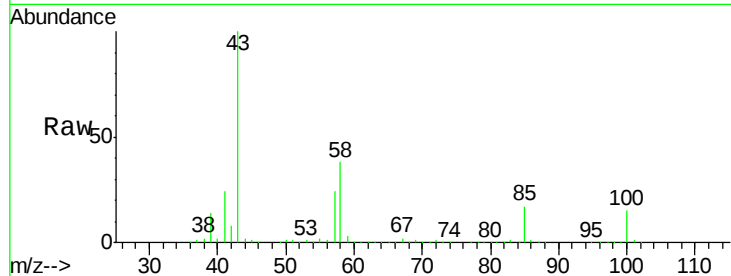
VX0709WBS02

Tot Ion: 43 Resp: 520120

Ion Ratio Lower Upper

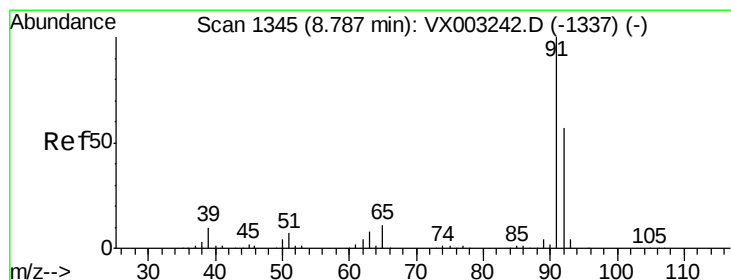
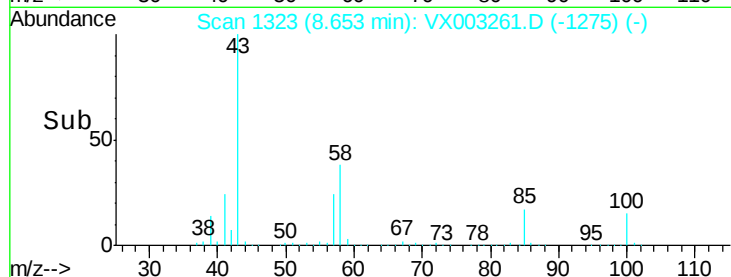
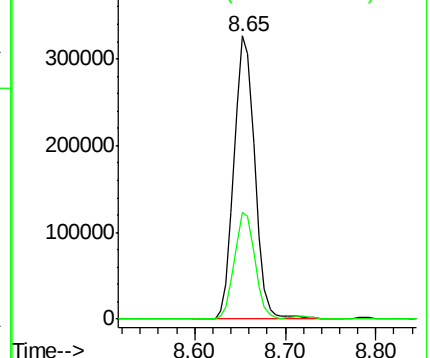
43 100

58 37.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.81 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003261.D

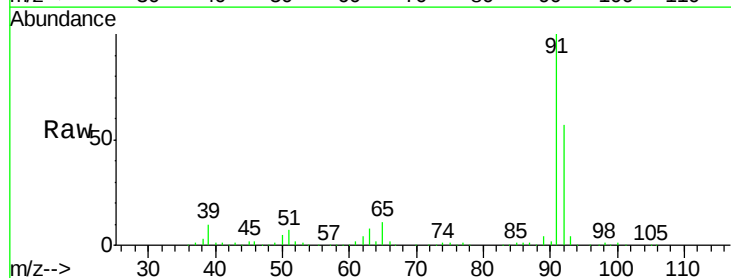
Acq: 09 Jul 2018 23:10

Tgt Ion: 92 Resp: 174358

Ion Ratio Lower Upper

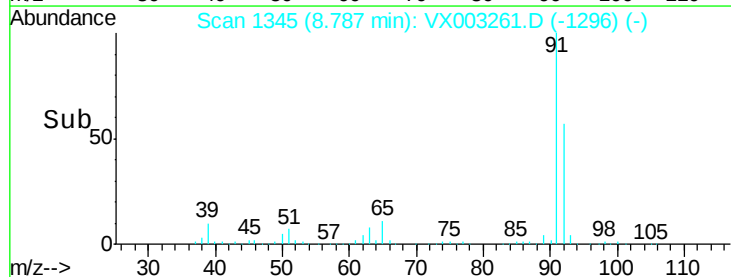
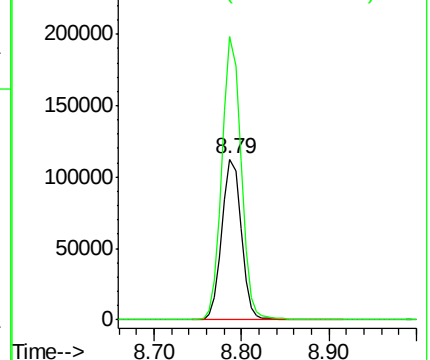
92 100

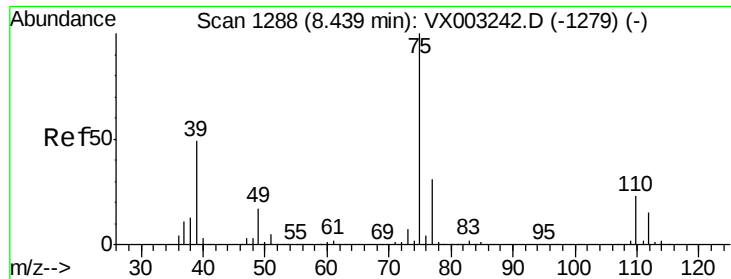
91 173.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

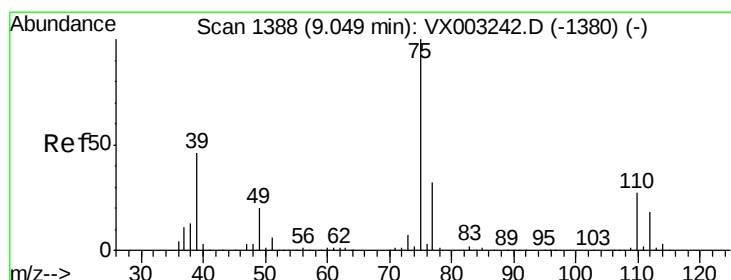
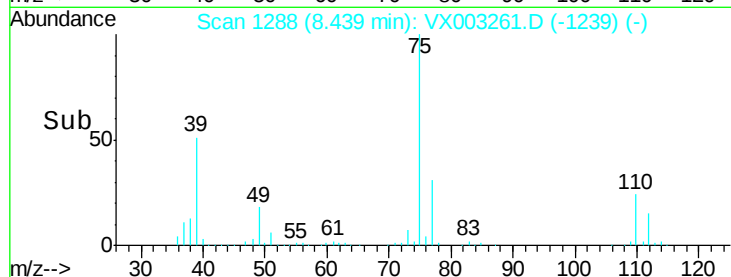
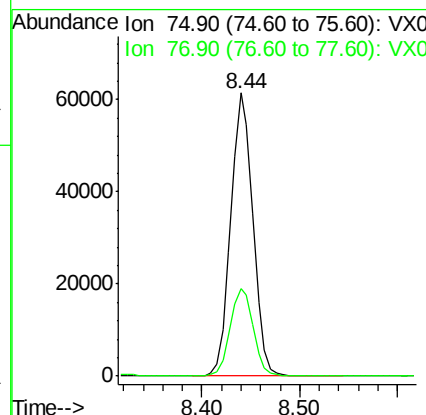
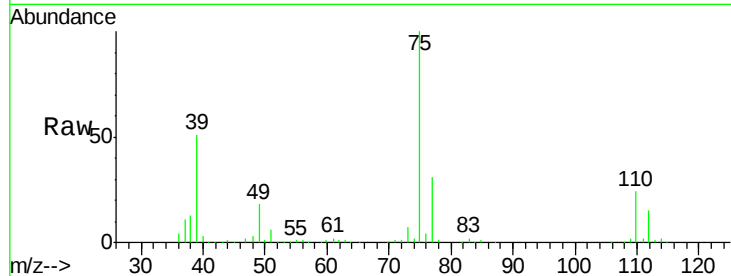




#53
t-1,3-Dichloropropene
Concen: 19.01 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

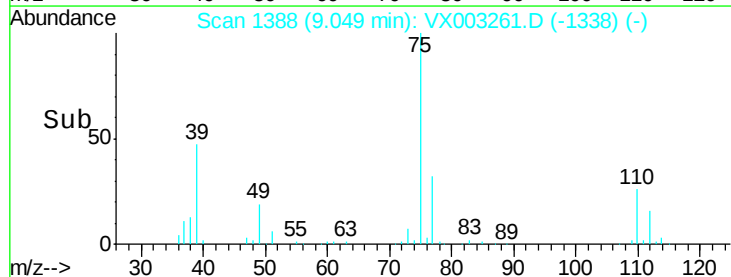
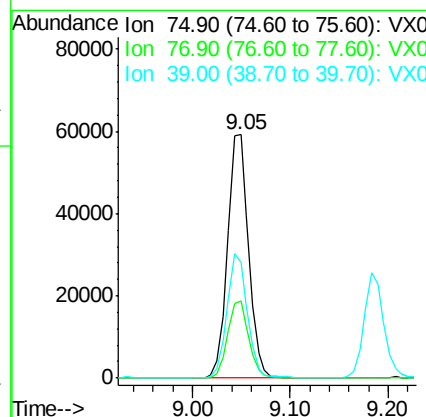
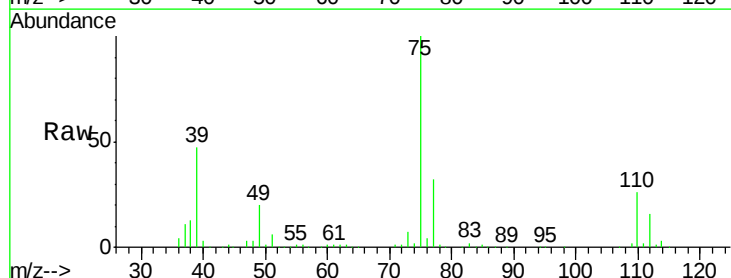
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

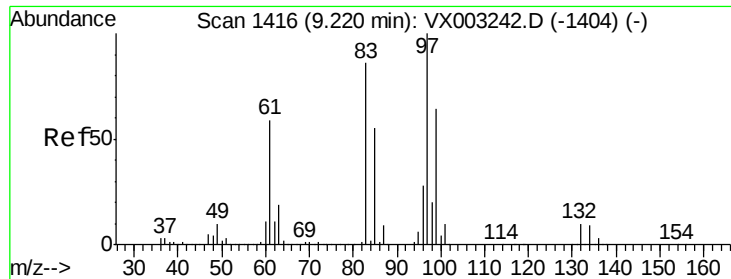
Tot Ion: 75 Resp: 96929
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.04 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 75 Resp: 88380
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 47.1 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.06 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

Tot Ion: 97 Resp: 69725

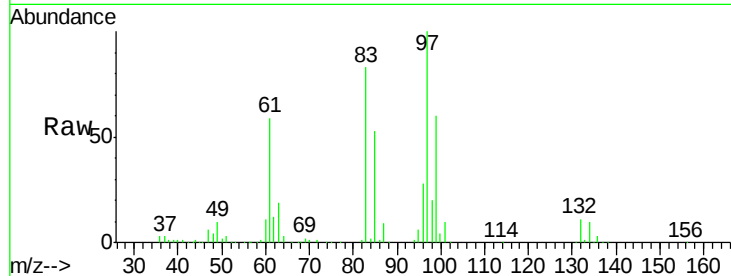
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.2
85	52.9	44.9	67.3
99	60.4	49.8	74.8

97 100

83 83.4 70.2 105.2

85 52.9 44.9 67.3

99 60.4 49.8 74.8

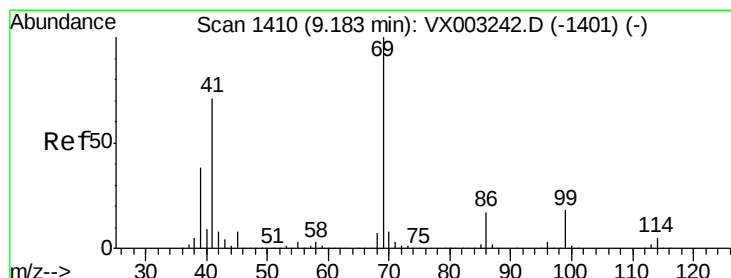
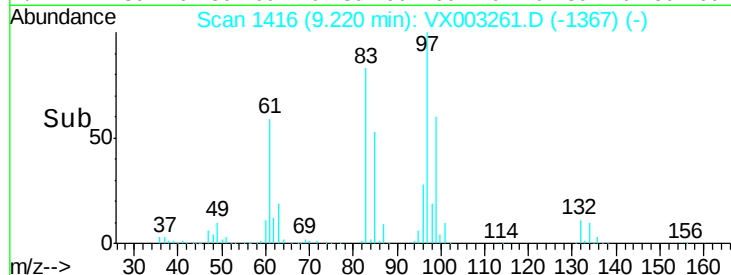
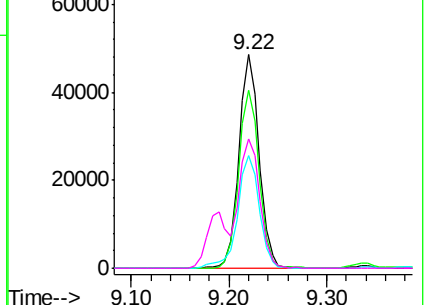


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.12 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

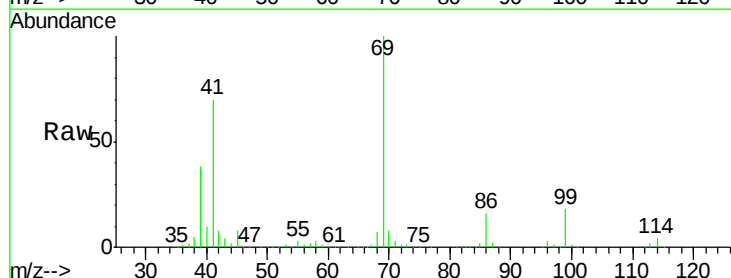
Tgt Ion: 69 Resp: 95782

Ion	Ratio	Lower	Upper
69	100		
41	68.7	60.3	90.5
39	37.2	35.8	53.8

69 100

41 68.7 60.3 90.5

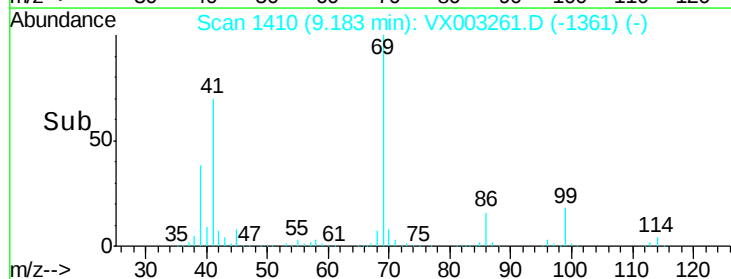
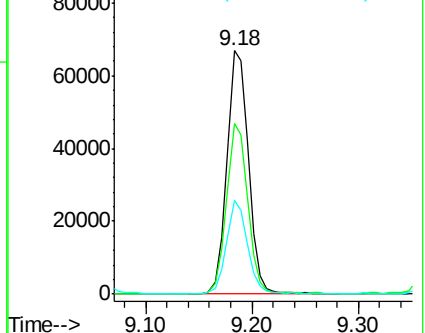
39 37.2 35.8 53.8

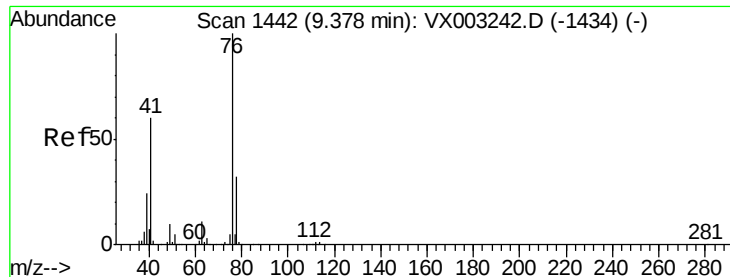


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.51 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

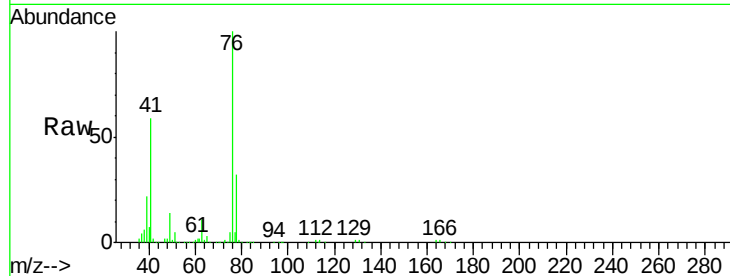
VX0709WBS02

Tot Ion: 76 Resp: 114864

Ion Ratio Lower Upper

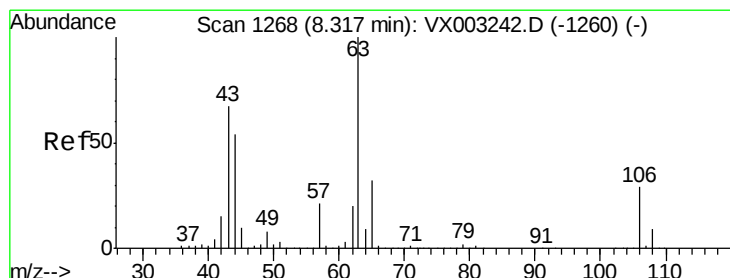
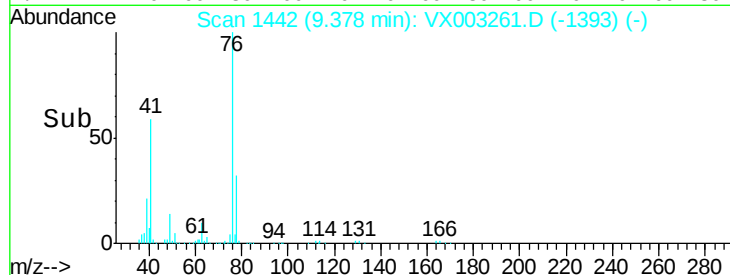
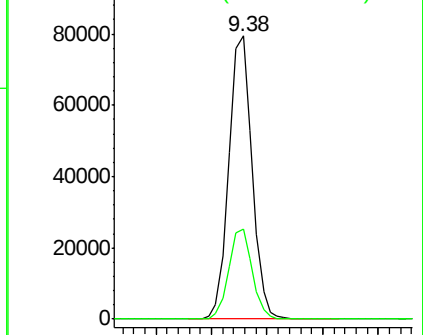
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.55 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003261.D

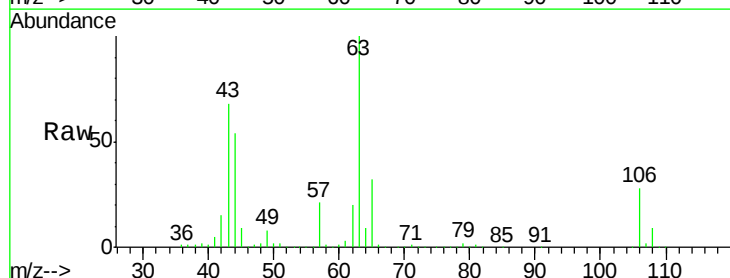
Acq: 09 Jul 2018 23:10

Tgt Ion: 63 Resp: 249302

Ion Ratio Lower Upper

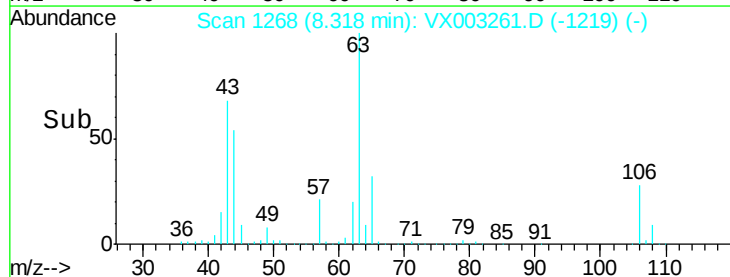
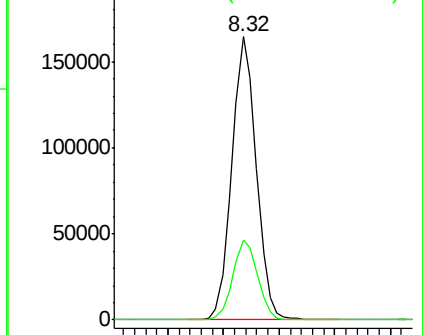
63 100

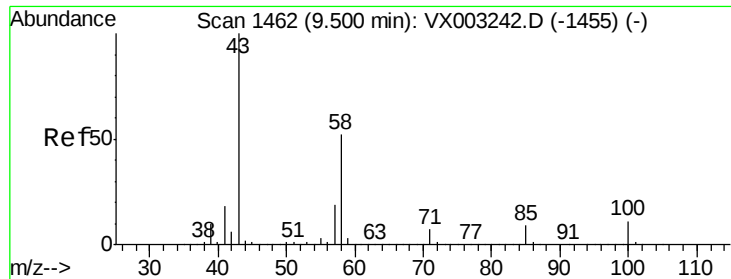
106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

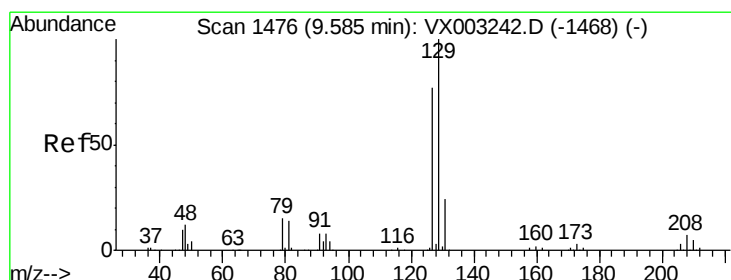
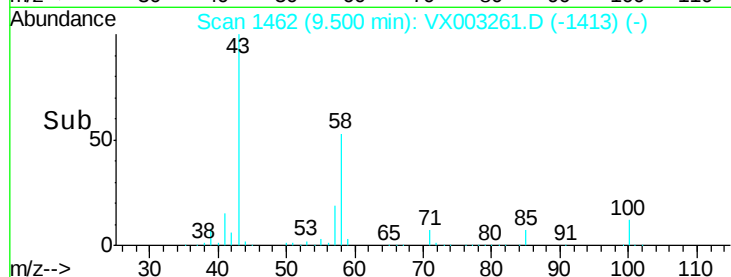
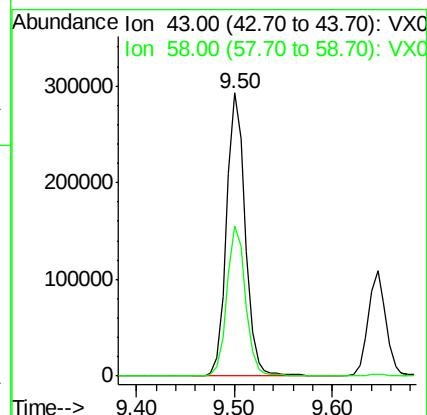
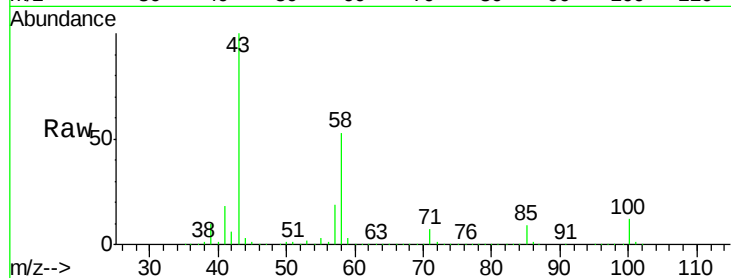




#59
2-Hexanone
Concen: 107.04 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

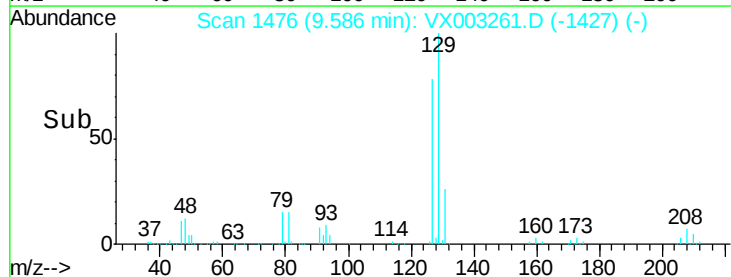
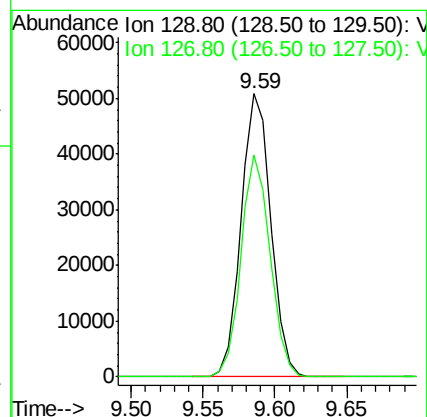
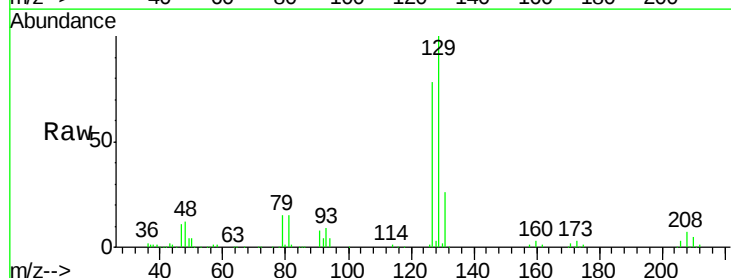
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

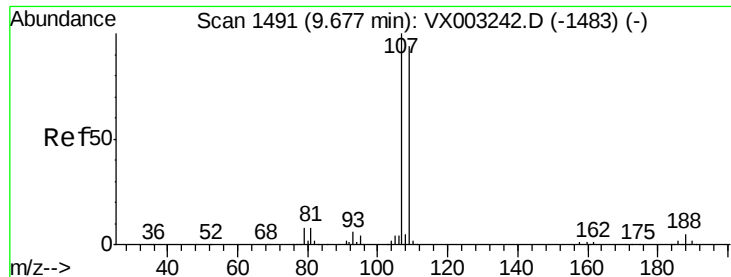
Tot Ion: 43 Resp: 389734
Ion Ratio Lower Upper
43 100
58 53.0 24.6 73.6



#60
Dibromochloromethane
Concen: 20.09 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion:129 Resp: 72929
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

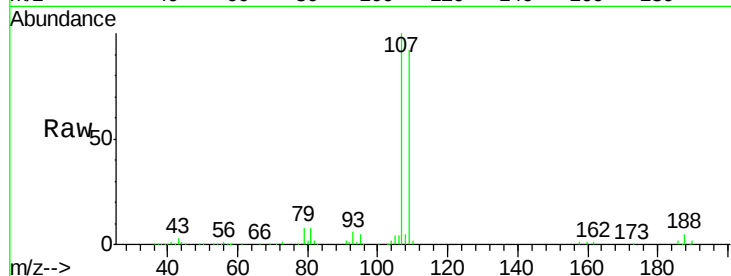
VX0709WBS02

Tot Ion:107 Resp: 75752

Ion Ratio Lower Upper

107 100

109 92.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

60000

50000

40000

30000

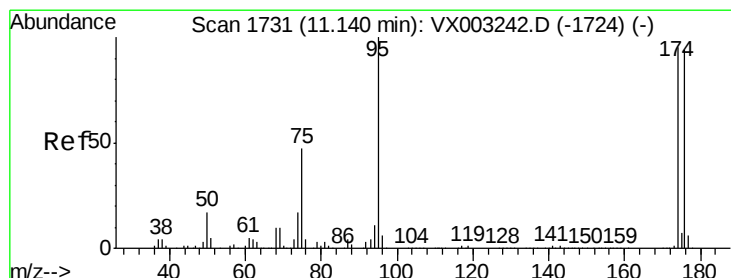
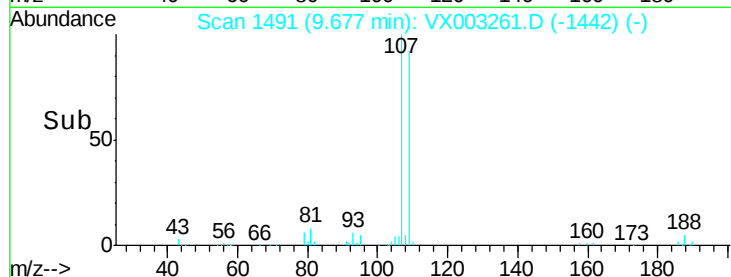
20000

10000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 50.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

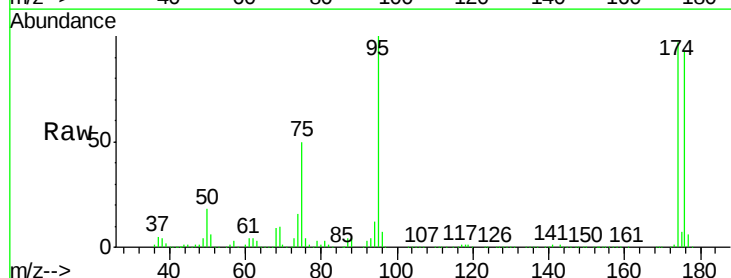
Tgt Ion: 95 Resp: 222852

Ion Ratio Lower Upper

95 100

174 101.1 0.0 187.4

176 97.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

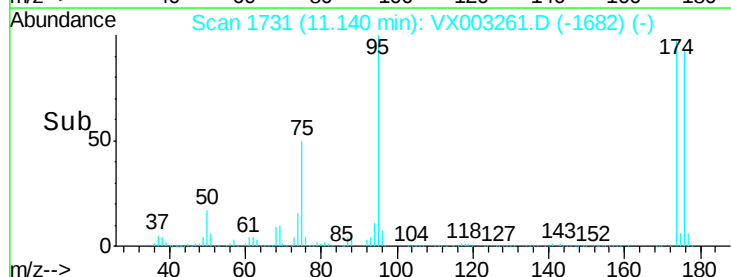
100000

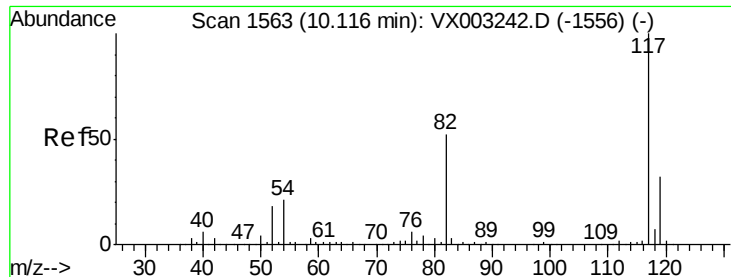
50000

0

Time-->

11.10 11.20

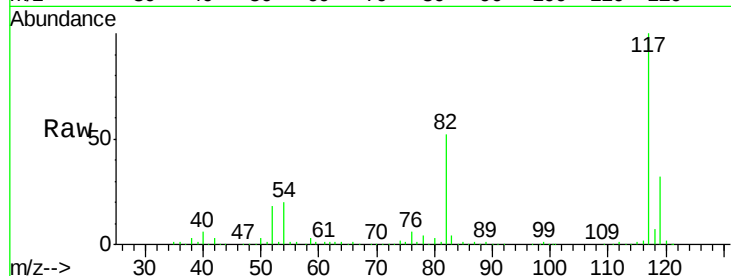




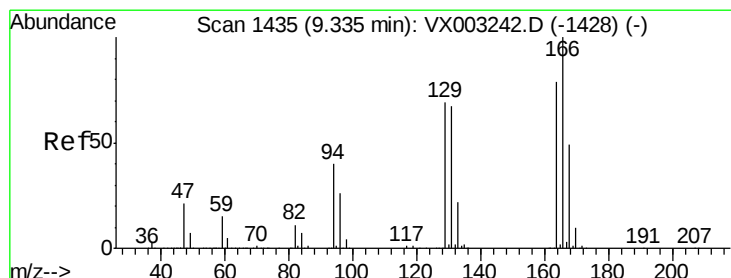
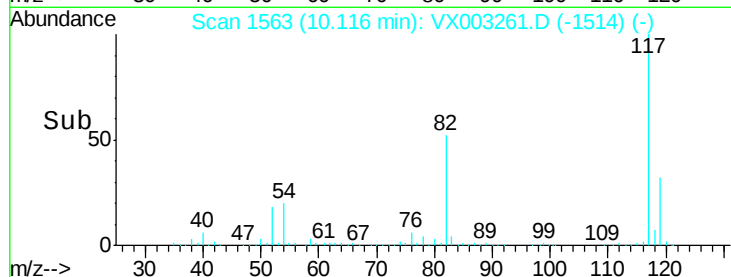
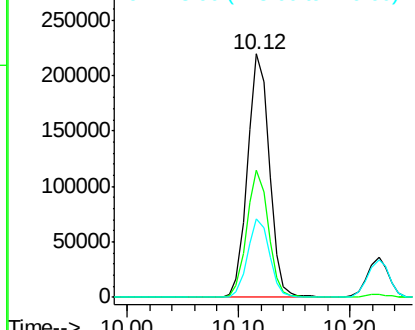
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

Tot Ion:117 Resp: 299157
Ion Ratio Lower Upper
117 100
82 52.0 45.0 67.4
119 32.3 25.8 38.6

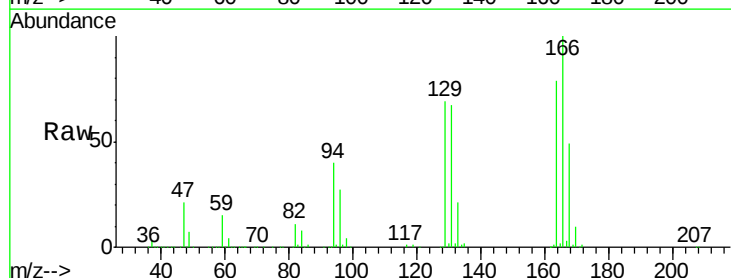


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

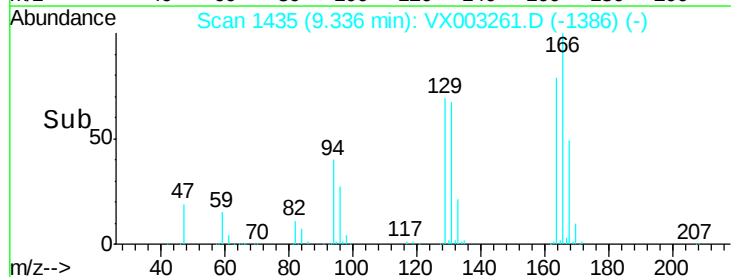
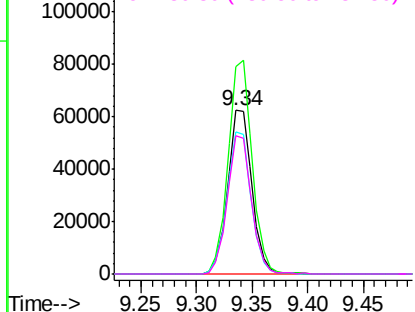


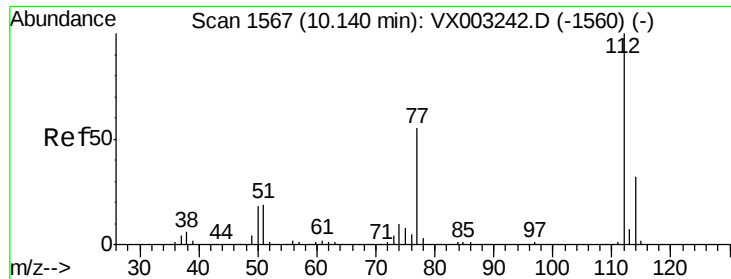
#64
Tetrachloroethene
Concen: 20.68 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion:164 Resp: 93545
Ion Ratio Lower Upper
164 100
166 126.7 102.9 154.3
129 86.9 68.6 102.8
131 84.4 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

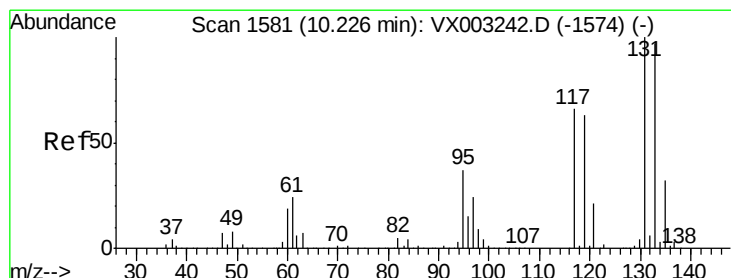
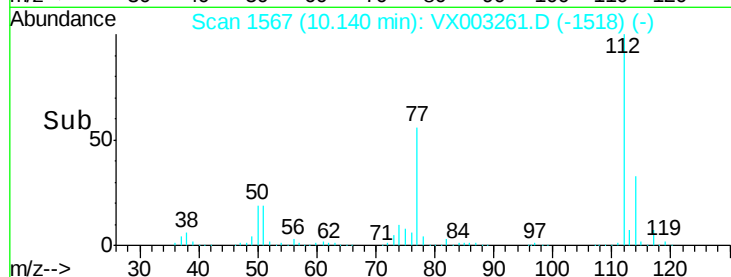
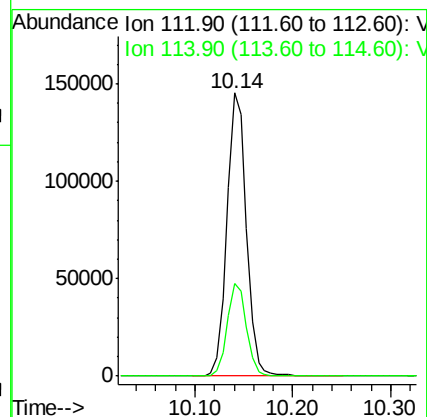
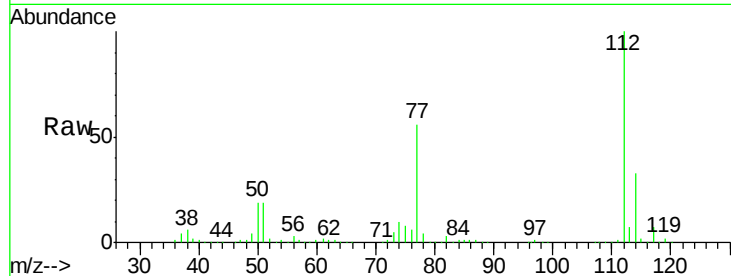




#65
Chlorobenzene
Concen: 19.66 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

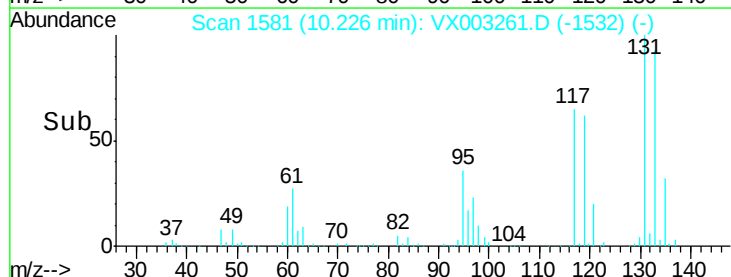
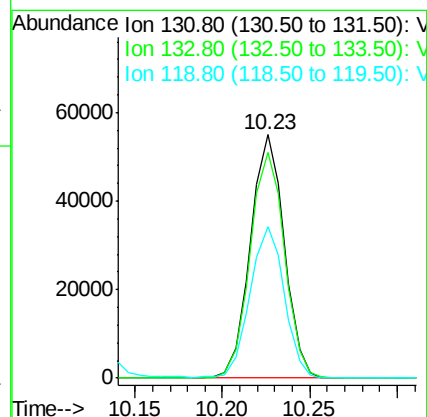
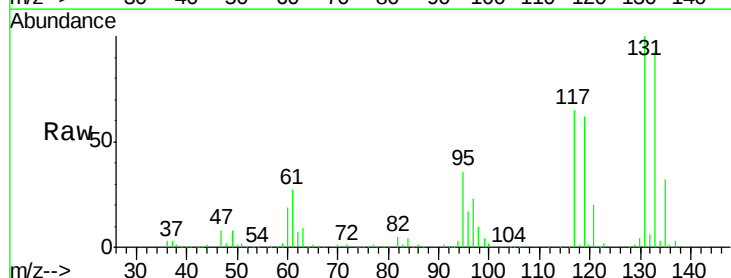
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

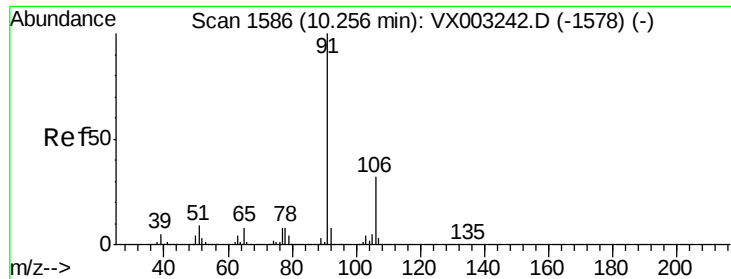
Tot Ion:112 Resp: 199810
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.11 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion:131 Resp: 73753
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 63.7 31.8 95.3





#67

Ethyl Benzene

Concen: 19.97 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

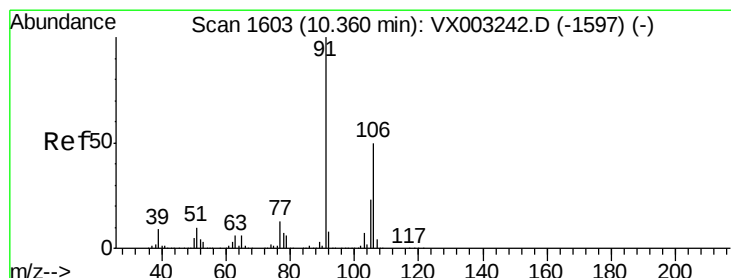
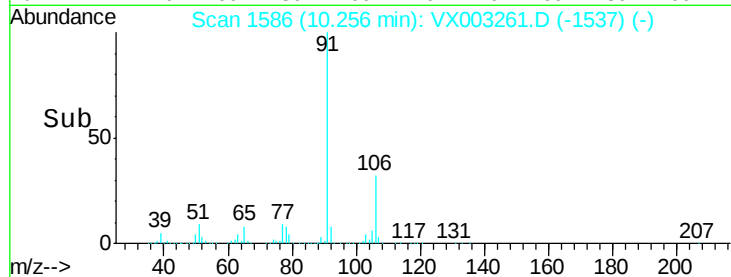
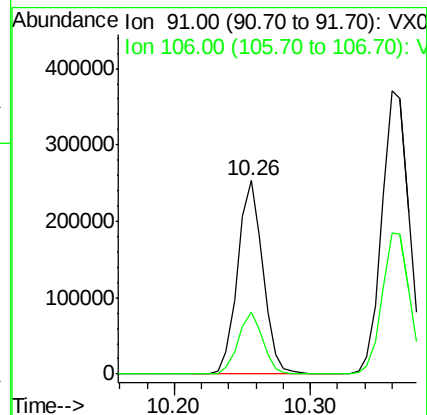
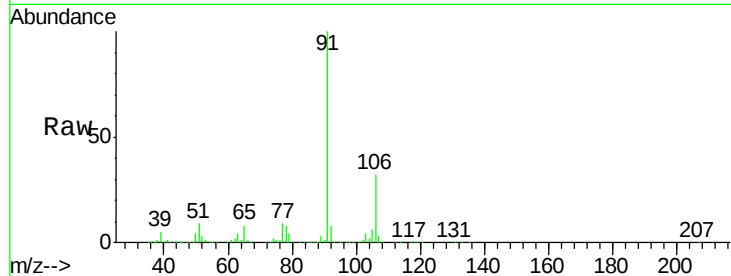
VX0709WBS02

Tot Ion: 91 Resp: 328358

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 40.75 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003261.D

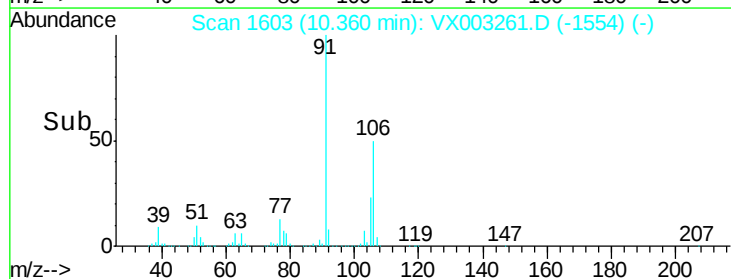
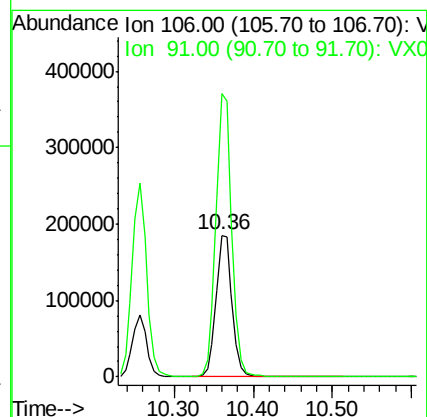
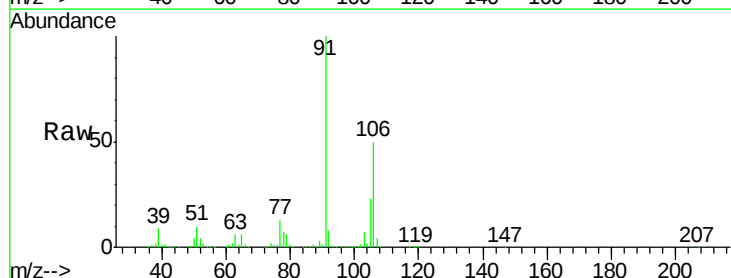
Acq: 09 Jul 2018 23:10

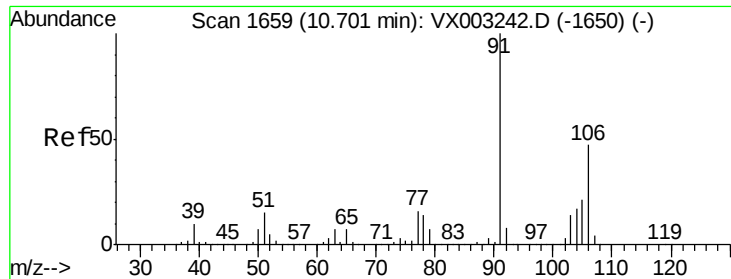
Tgt Ion: 106 Resp: 260594

Ion Ratio Lower Upper

106 100

91 198.7 163.4 245.2

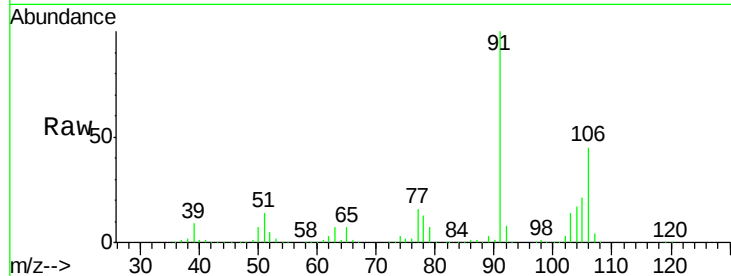




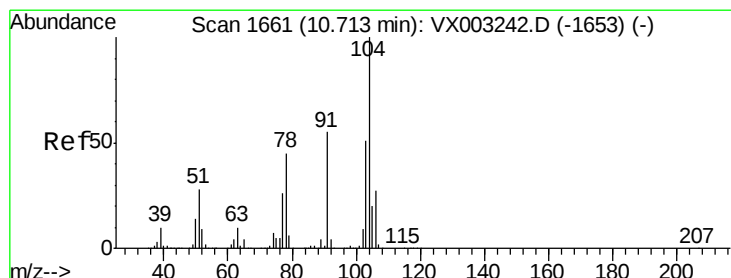
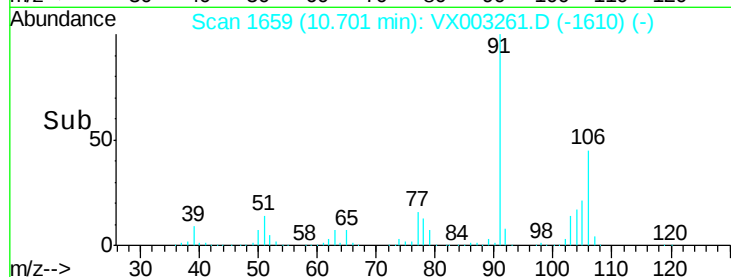
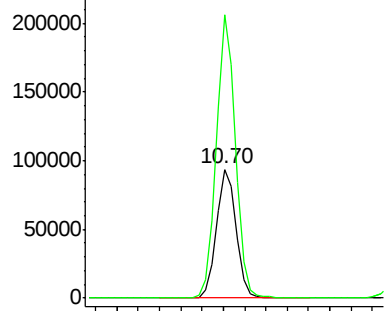
#69
o-Xylene
Concen: 19.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Instrument :
MSVOA_X
ClientSampled :
VX0709WBS02

Tot Ion:106 Resp: 121682
Ion Ratio Lower Upper
106 100
91 213.5 108.2 324.6

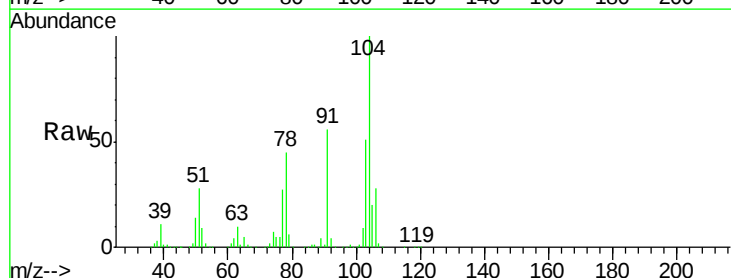


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

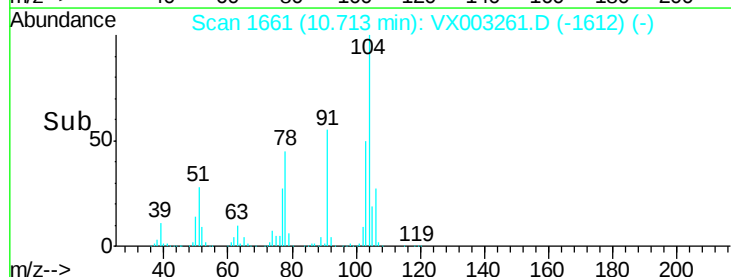
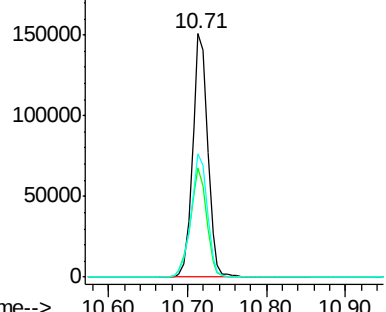


#70
Styrene
Concen: 20.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion:104 Resp: 201537
Ion Ratio Lower Upper
104 100
78 48.6 41.0 61.6
103 55.0 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.67 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

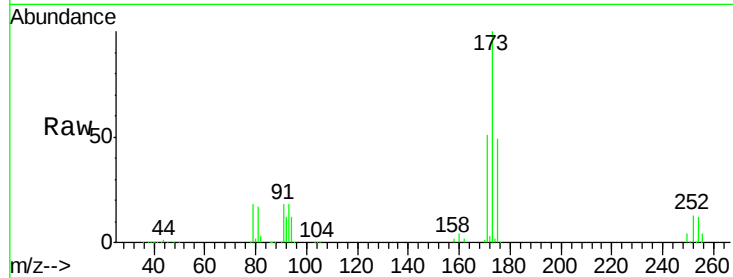
Tot Ion:173 Resp: 56349

Ion Ratio Lower Upper

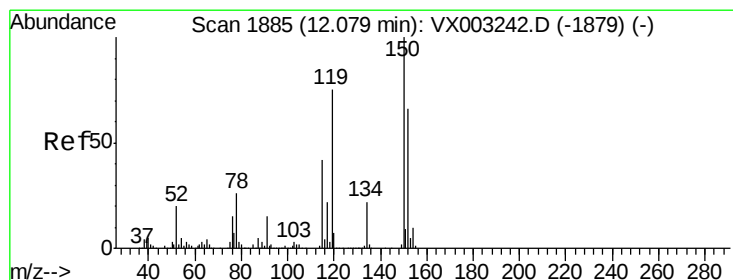
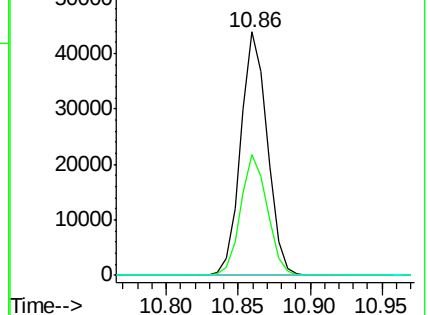
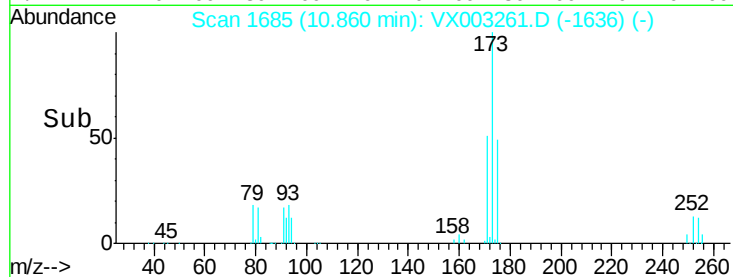
173 100

175 49.6 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

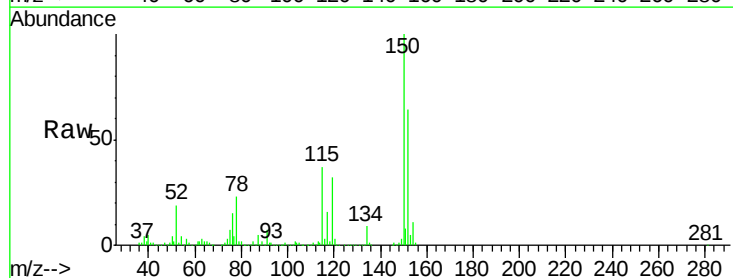
Tgt Ion:152 Resp: 205596

Ion Ratio Lower Upper

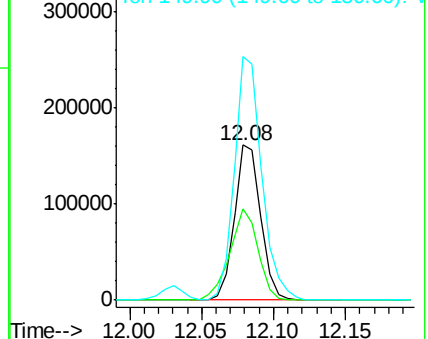
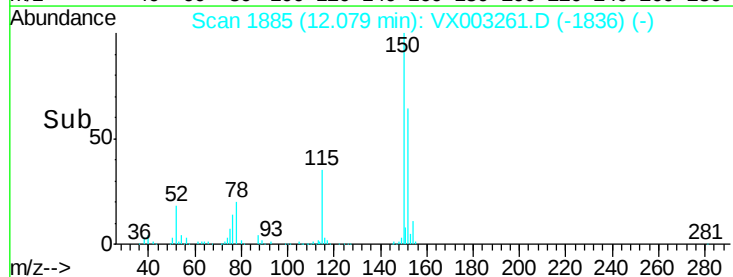
152 100

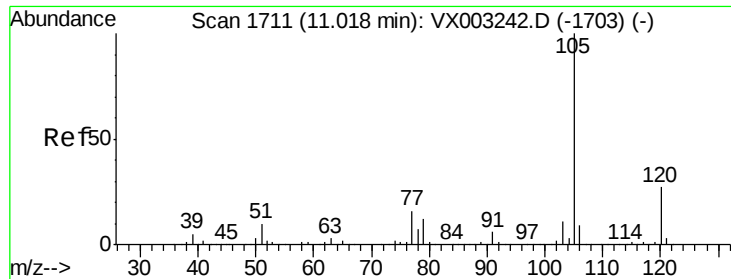
115 64.0 40.1 120.2

150 164.7 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: 20.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

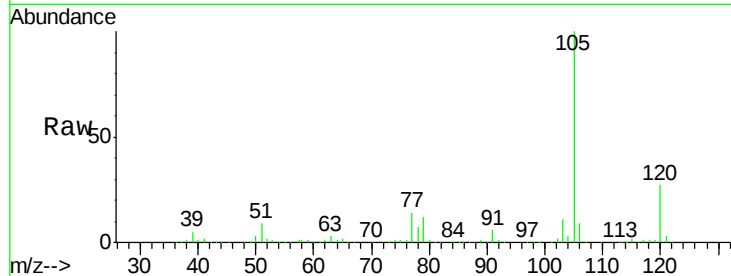
VX0709WBS02

Tot Ion:105 Resp: 336559

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

250000

200000

150000

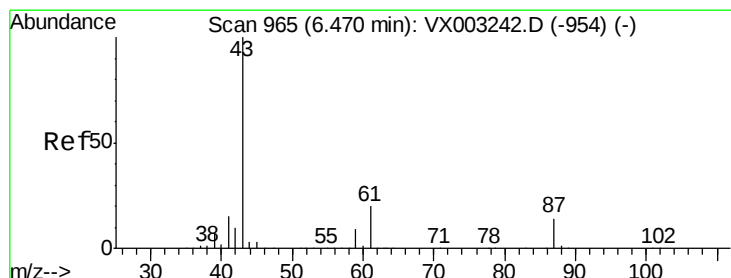
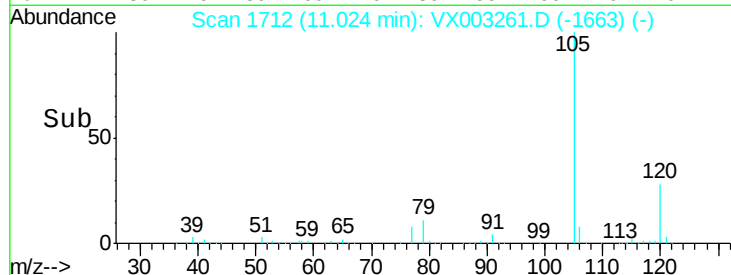
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 20.00 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Tgt Ion: 43 Resp: 154878

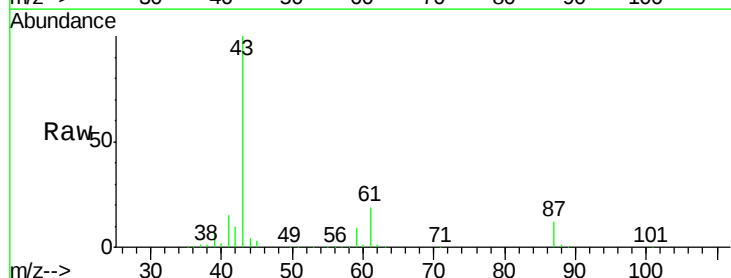
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.1 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

6.47

80000

60000

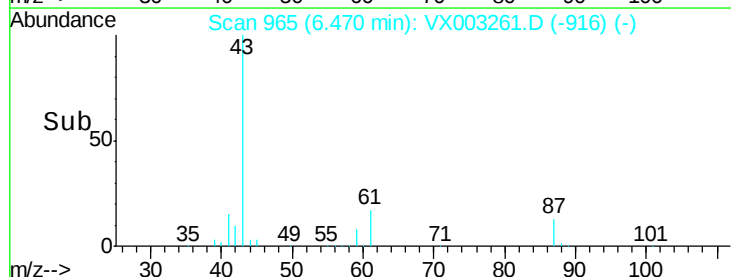
40000

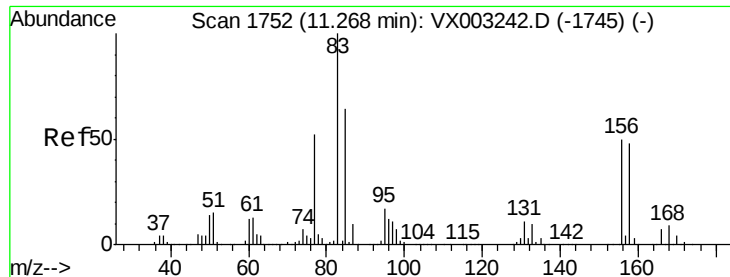
20000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 20.60 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

VX0709WBS02

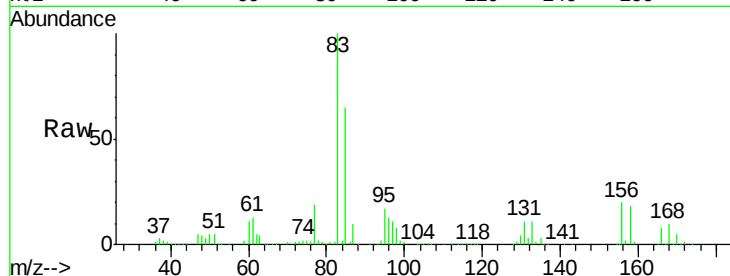
Tot Ion: 83 Resp: 103738

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

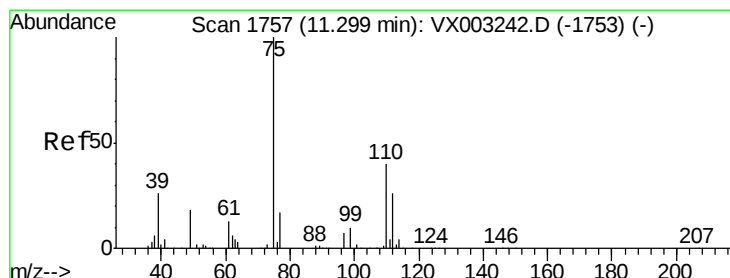
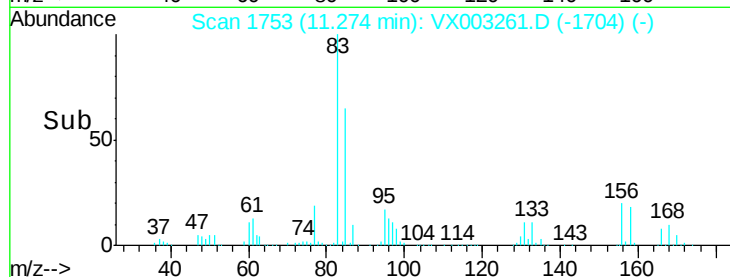
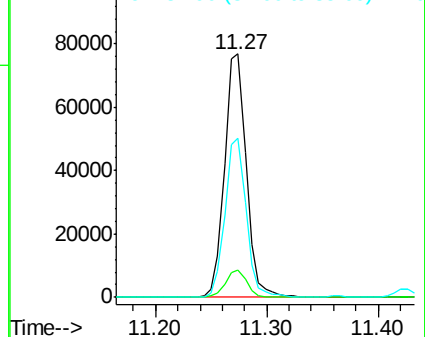
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.97 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003261.D

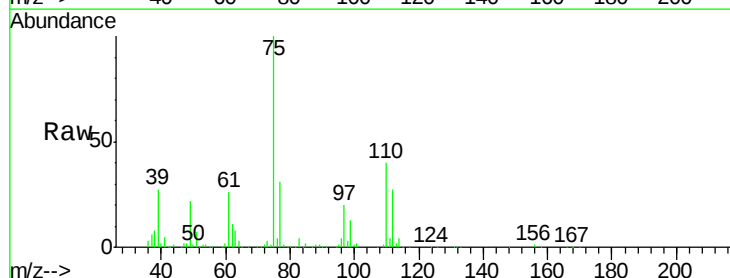
Acq: 09 Jul 2018 23:10

Tgt Ion: 75 Resp: 110938

Ion Ratio Lower Upper

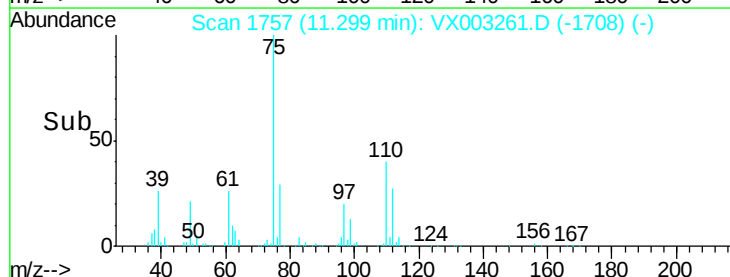
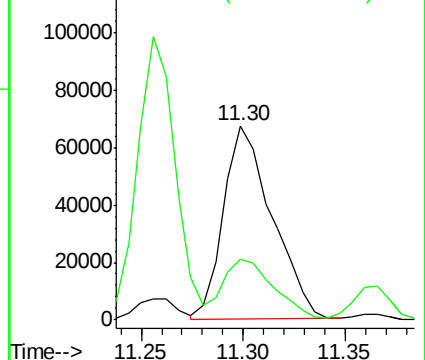
75 100

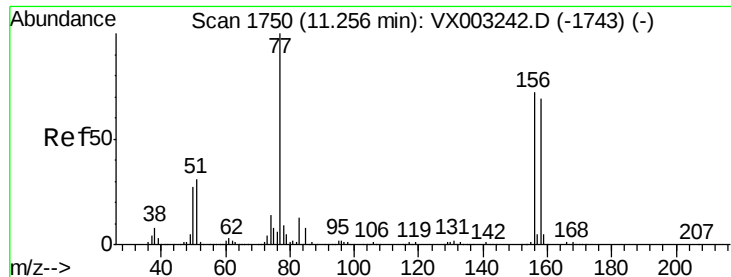
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampled :

VX0709WBS02

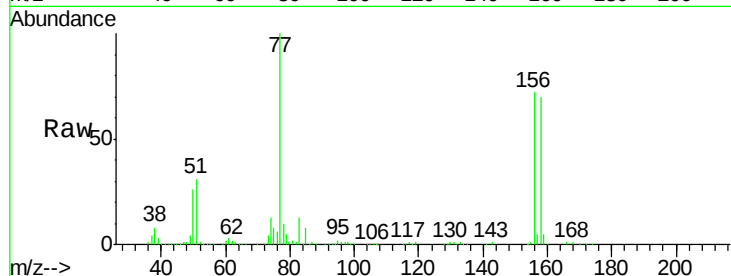
Tot Ion:156 Resp: 95655

Ion Ratio Lower Upper

156 100

77 132.7 71.4 214.2

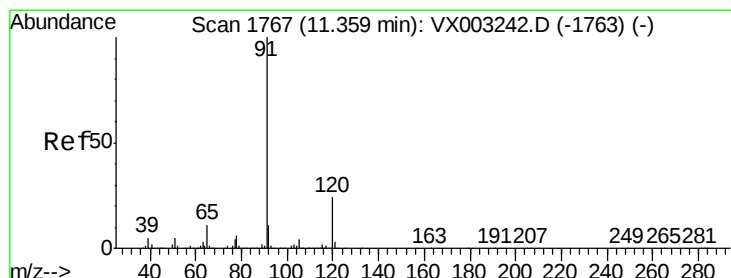
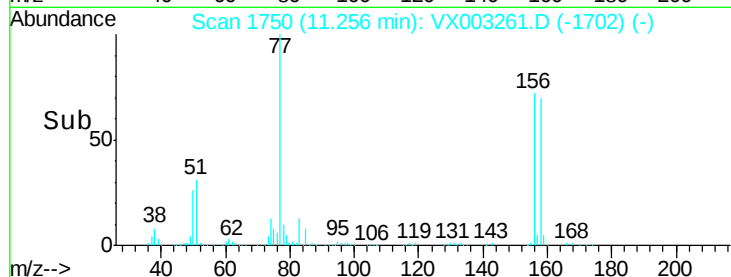
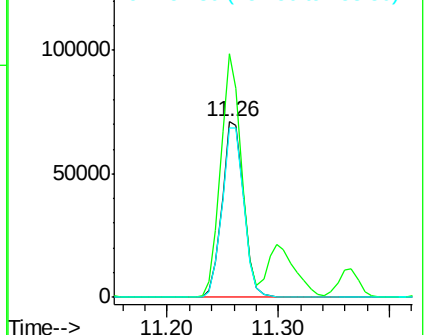
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003261.D

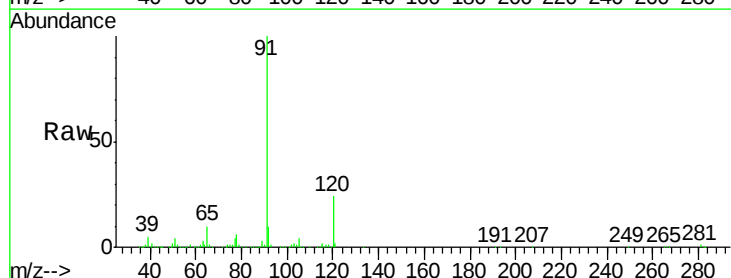
Acq: 09 Jul 2018 23:10

Tgt Ion: 91 Resp: 370563

Ion Ratio Lower Upper

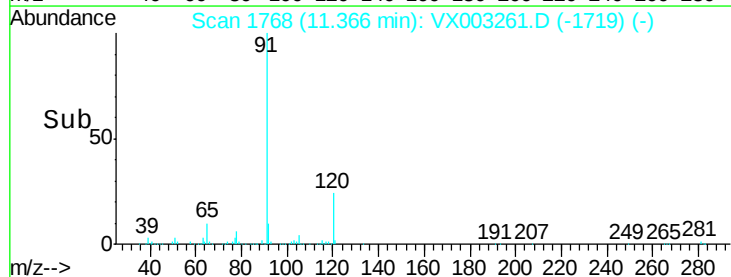
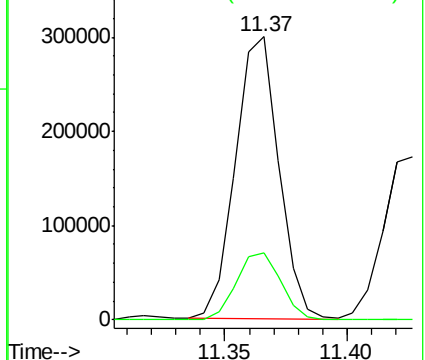
91 100

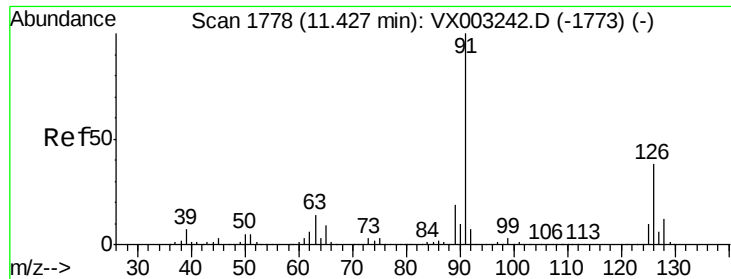
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

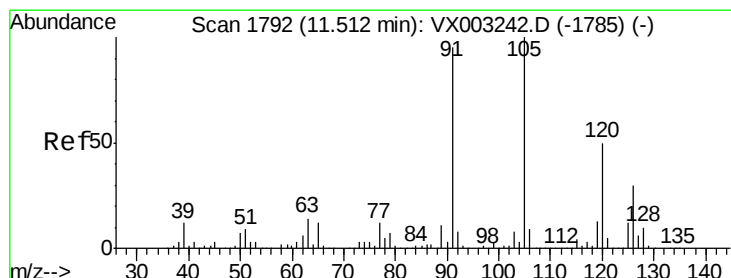
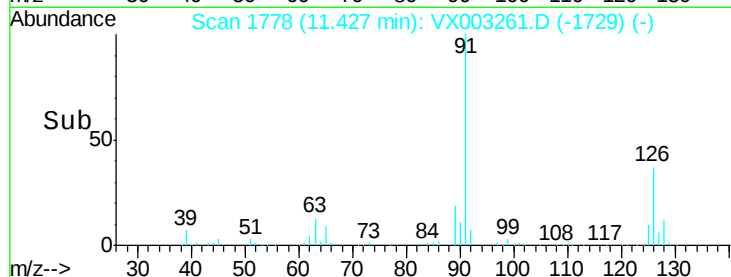
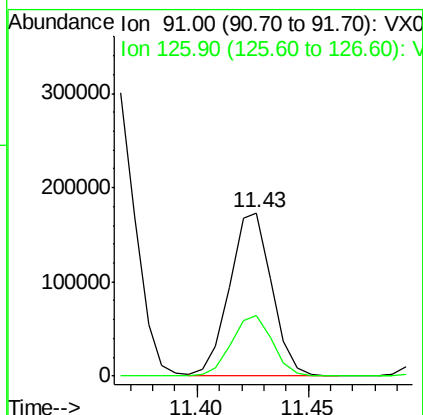
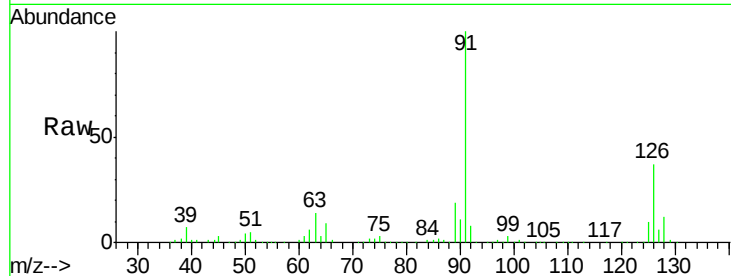




#79
2-Chlorotoluene
Concen: 20.56 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

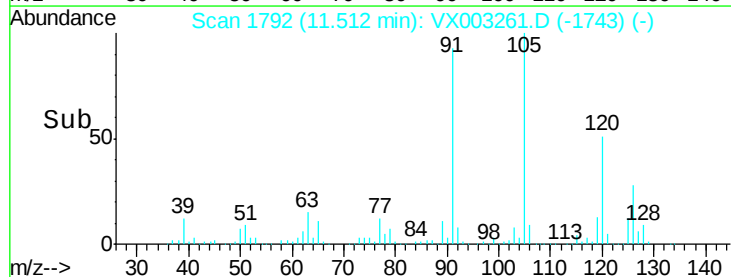
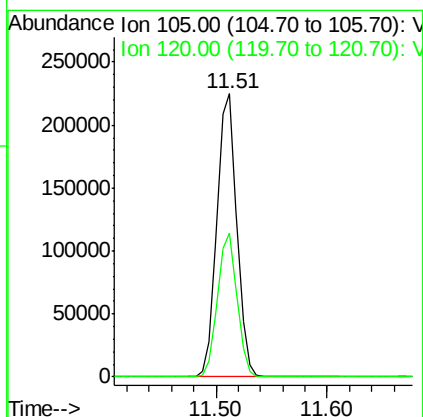
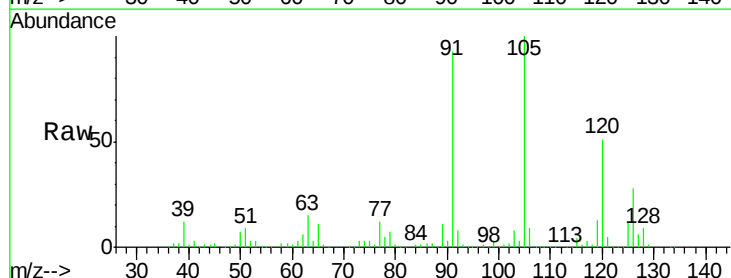
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS02

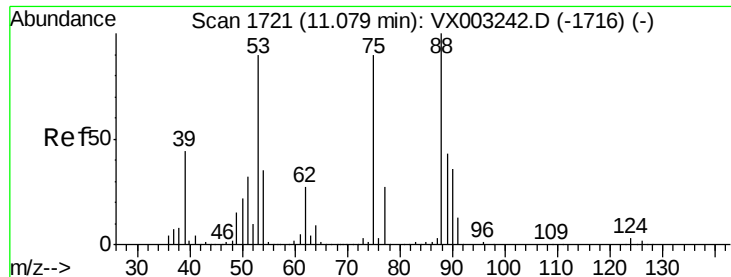
Tot Ion: 91 Resp: 226025
Ion Ratio Lower Upper
91 100
126 36.6 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 20.54 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 105 Resp: 277578
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

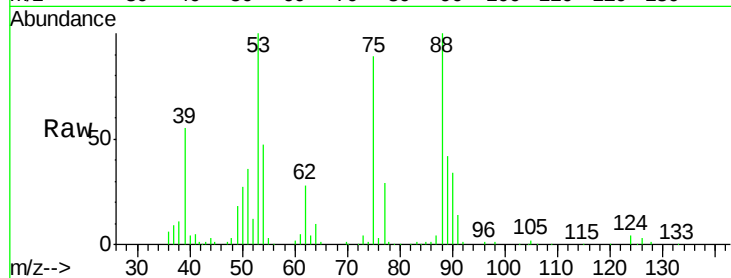
Tot Ion: 75 Resp: 22733

Ion Ratio Lower Upper

75 100

53 115.0 86.8 130.2

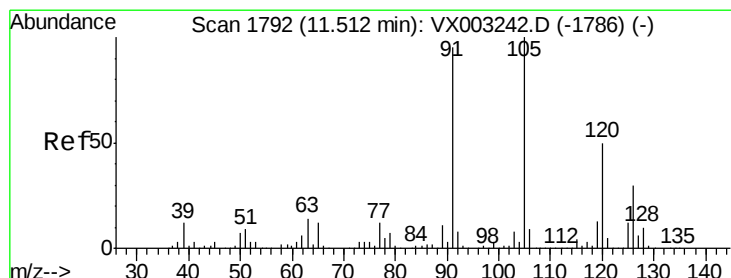
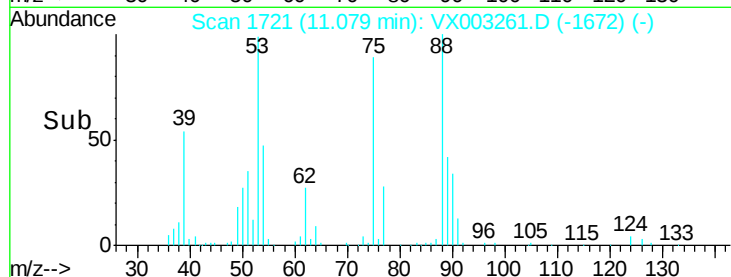
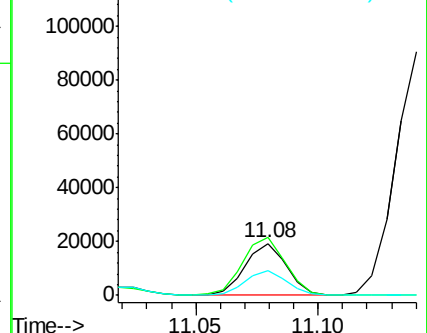
89 48.4 38.2 57.2



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



#82

4-Chlorotoluene

Concen: 20.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003261.D

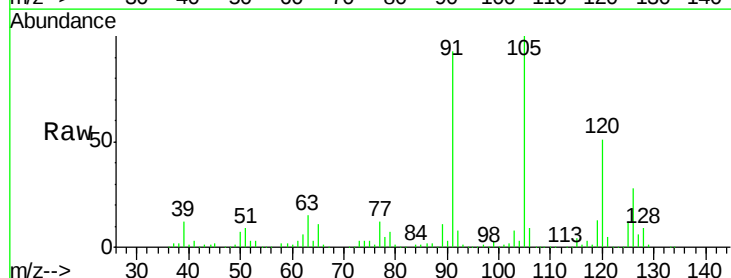
Acq: 09 Jul 2018 23:10

Tgt Ion: 91 Resp: 259758

Ion Ratio Lower Upper

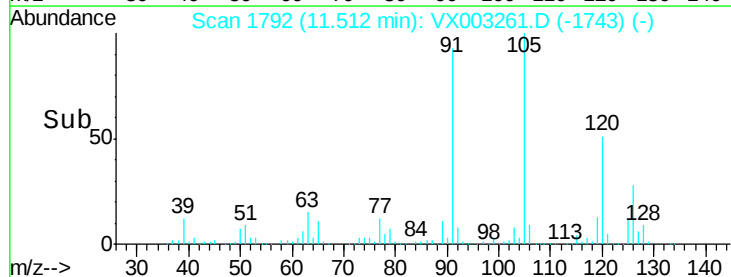
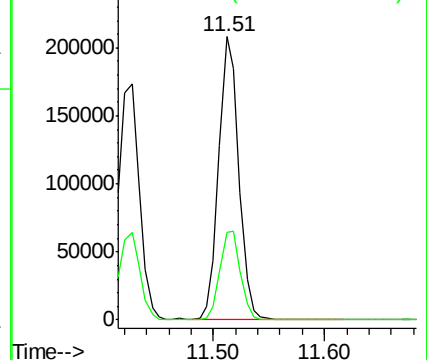
91 100

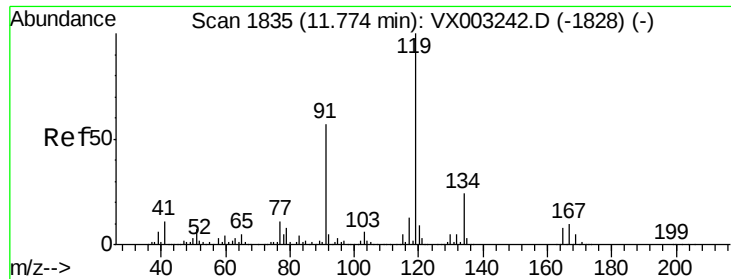
126 32.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

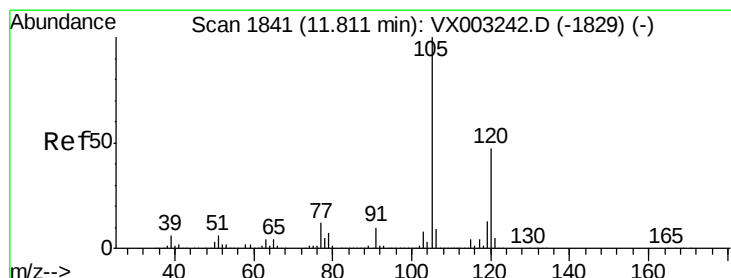
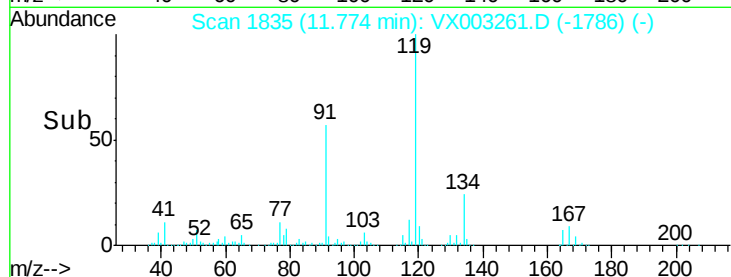
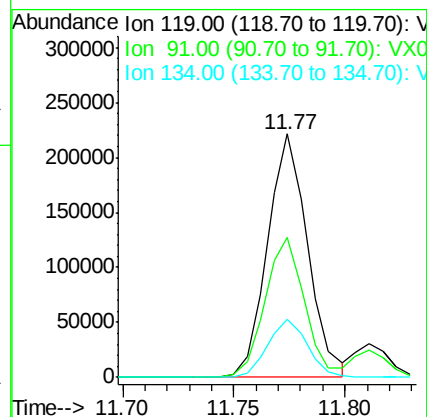
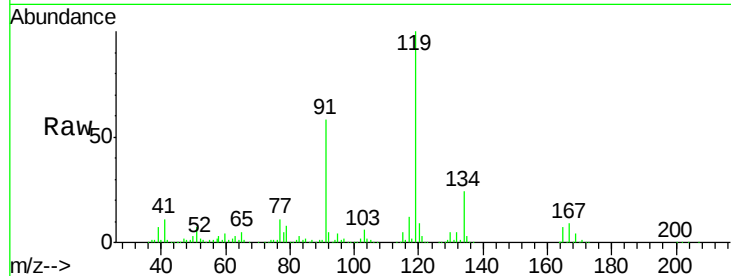




#83
 tert-Butylbenzene
 Concen: 20.51 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

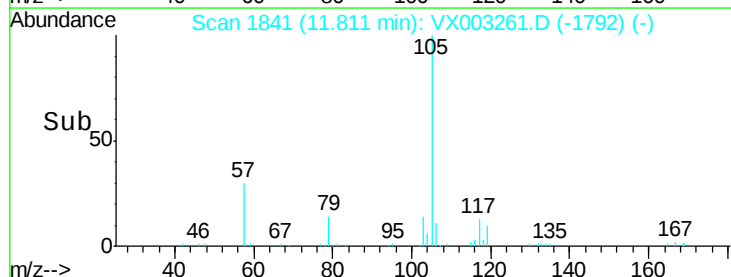
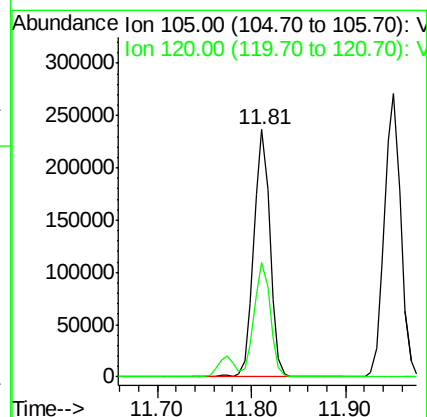
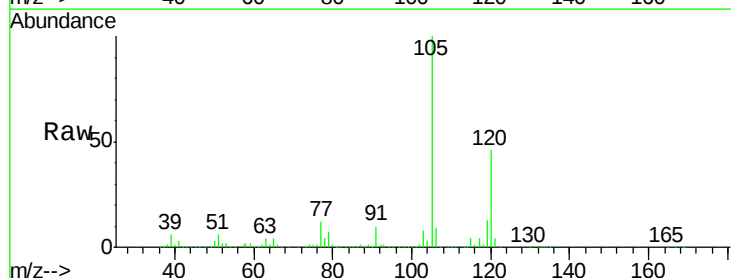
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

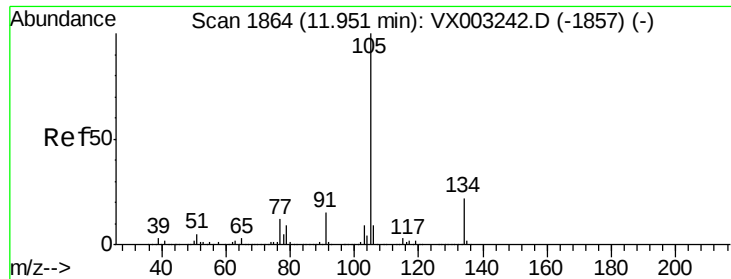
Tot Ion:119 Resp: 276973
 Ion Ratio Lower Upper
 119 100
 91 56.8 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.69 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Tgt Ion:105 Resp: 286428
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

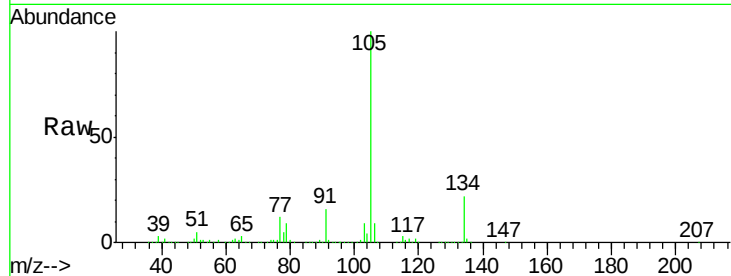
VX0709WBS02

Tot Ion:105 Resp: 326983

Ion Ratio Lower Upper

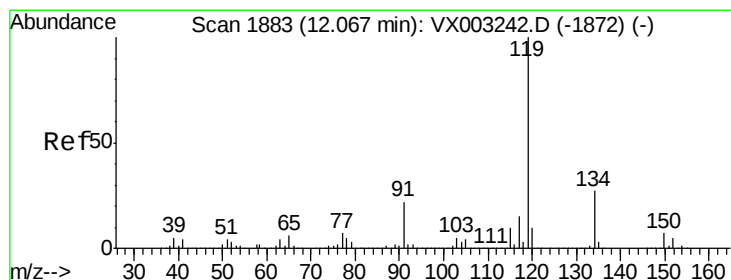
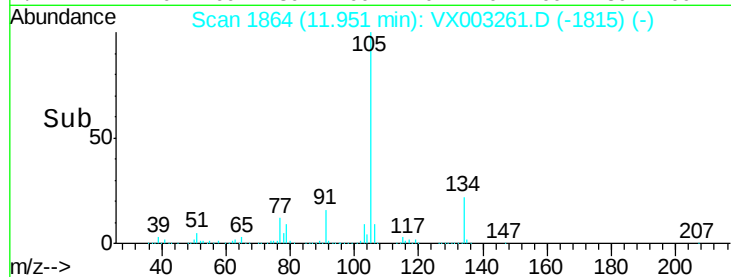
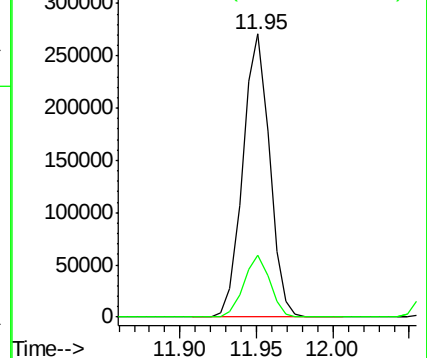
105 100

134 21.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

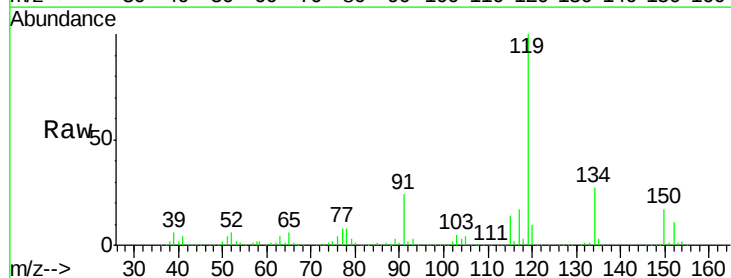
Tgt Ion:119 Resp: 292813

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

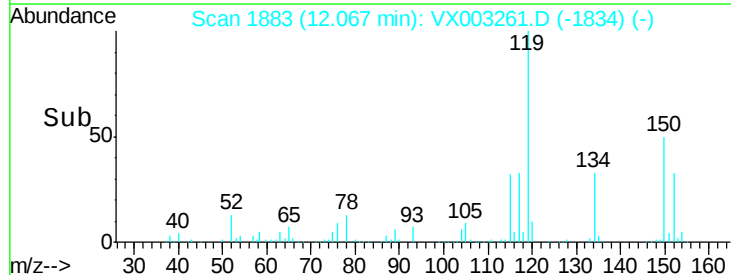
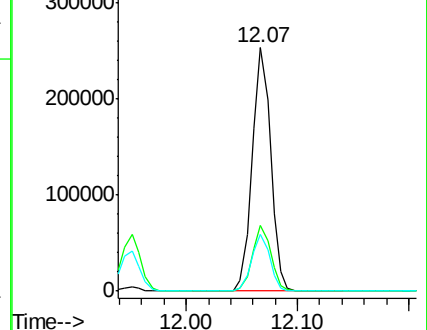
91 23.1 11.9 35.7

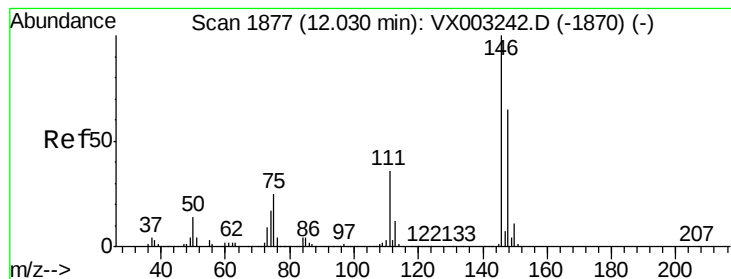


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.84 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

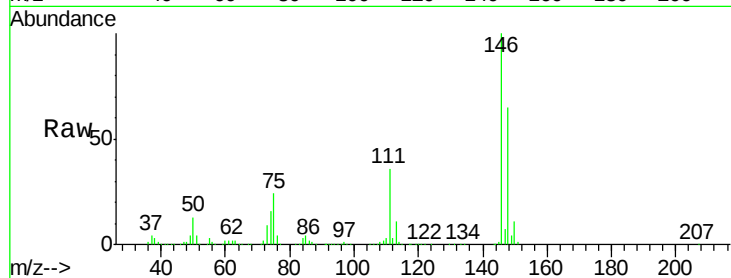
Tot Ion:146 Resp: 170592

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.7

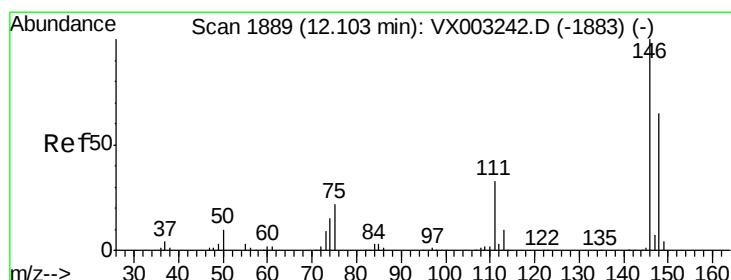
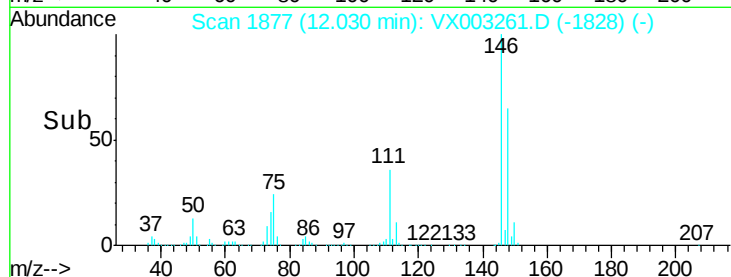
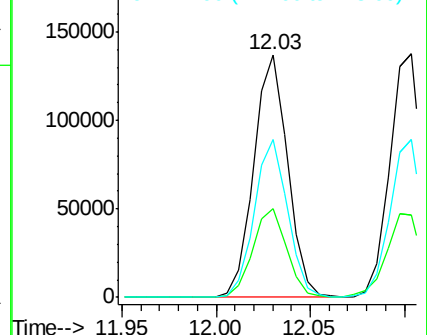
148 64.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.67 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

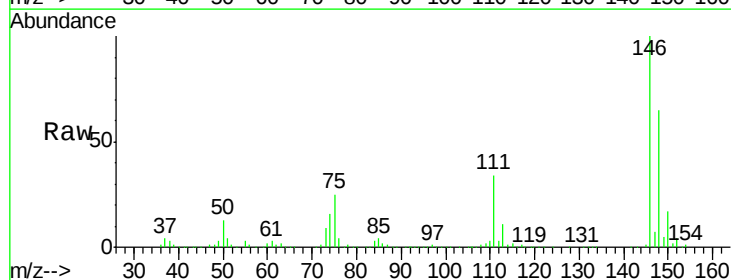
Tgt Ion:146 Resp: 171193

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

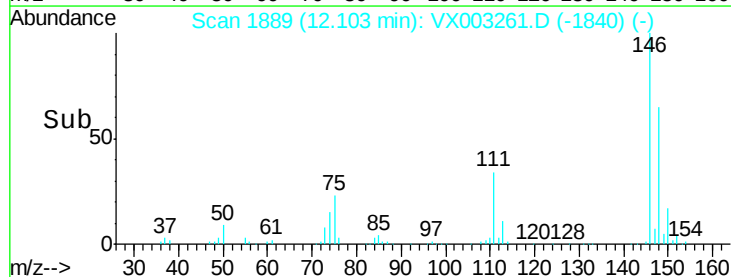
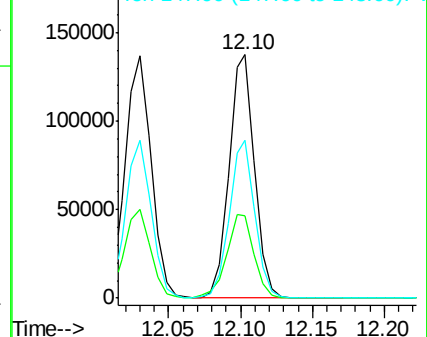
148 65.1 32.4 97.0

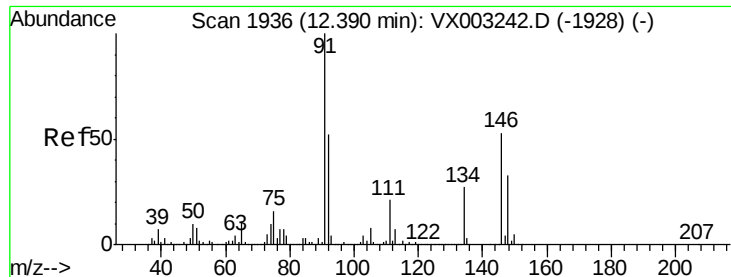


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

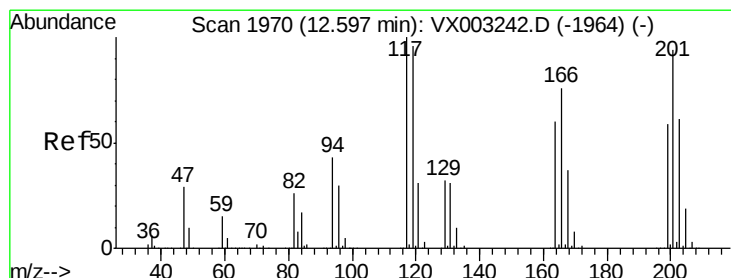
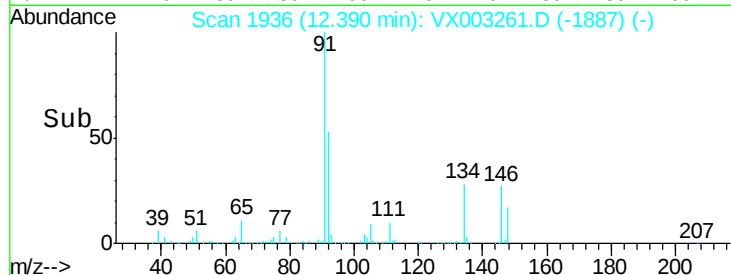
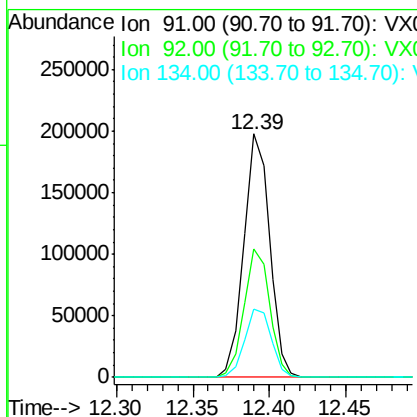
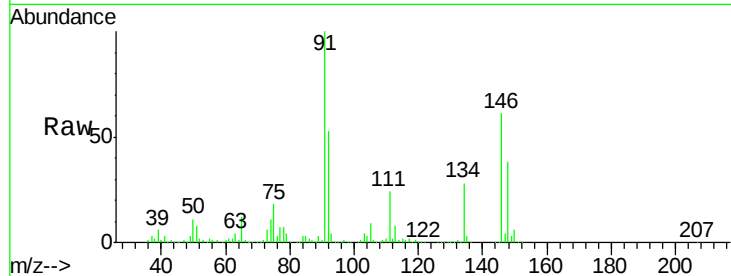




#89
n-Butylbenzene
Concen: 19.10 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

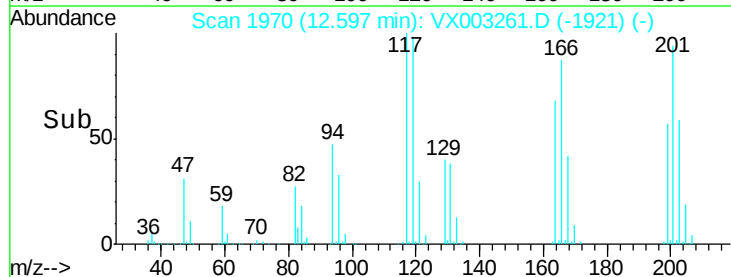
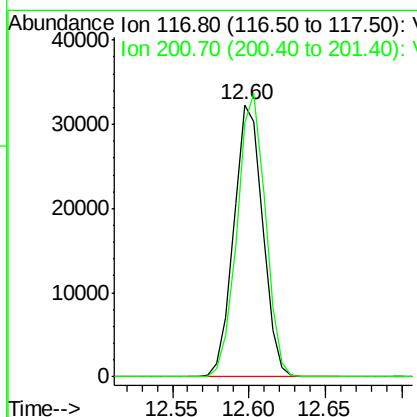
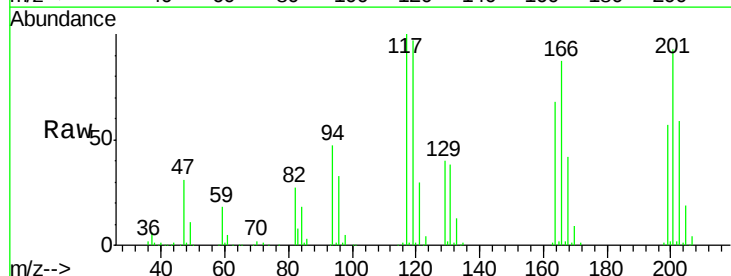
Instrument :
MSVOA_X
ClientSampled :
VX0709WBS02

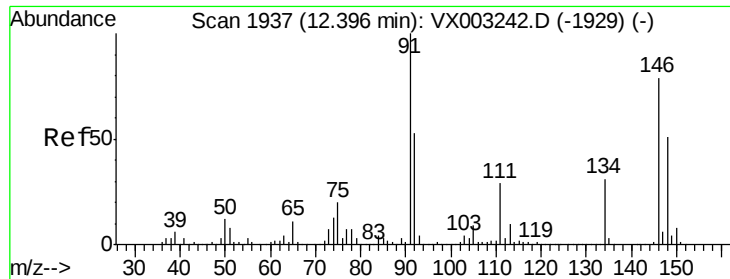
Tot Ion: 91 Resp: 231987
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 29.1 13.5 40.5



#90
Hexachloroethane
Concen: 19.07 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003261.D
Acq: 09 Jul 2018 23:10

Tgt Ion: 117 Resp: 42333
Ion Ratio Lower Upper
117 100
201 101.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 20.27 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

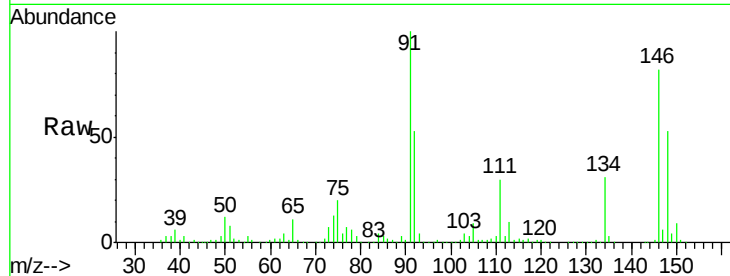
Tot Ion:146 Resp: 174984

Ion Ratio Lower Upper

146 100

111 37.5 19.4 58.1

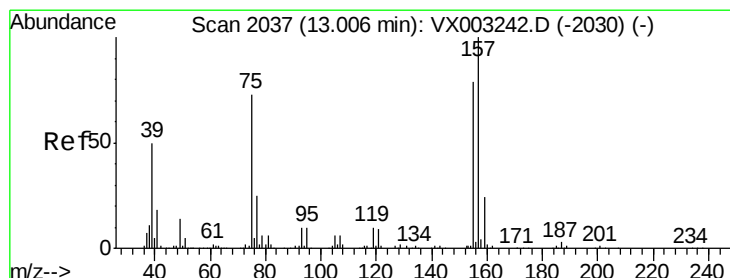
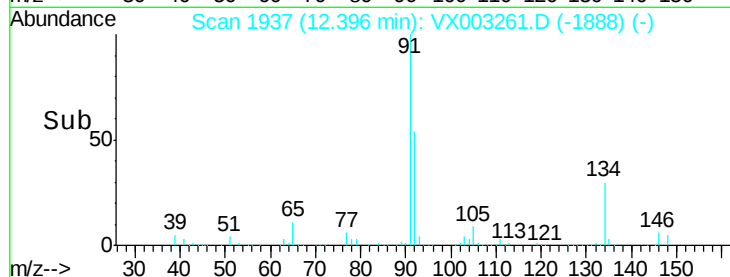
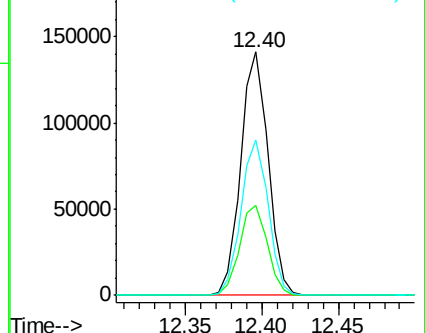
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.77 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

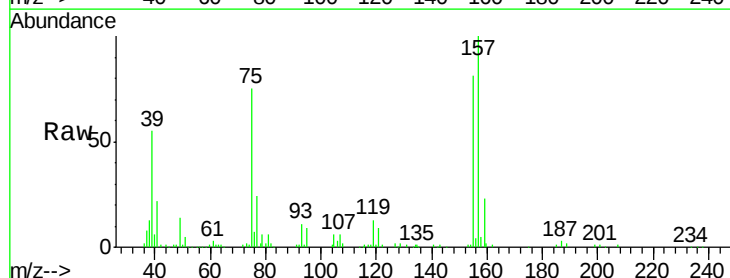
Tgt Ion: 75 Resp: 21361

Ion Ratio Lower Upper

75 100

155 100.1 45.8 137.4

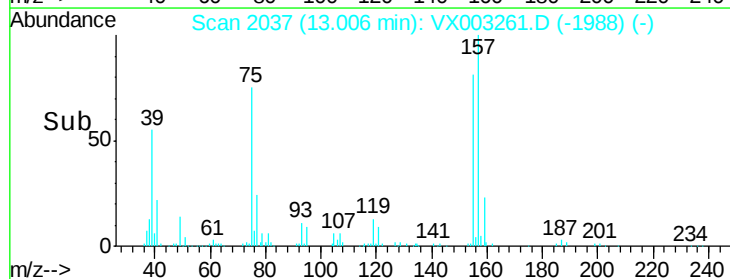
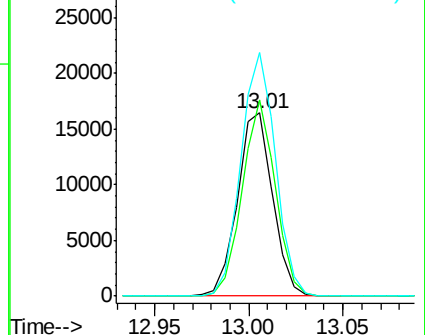
157 130.1 60.1 180.3

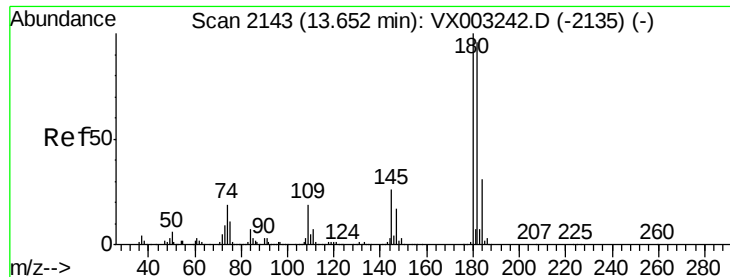


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

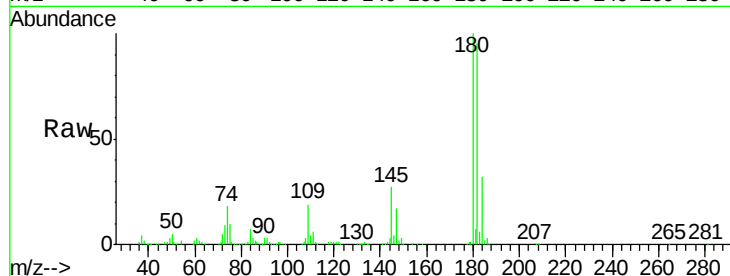




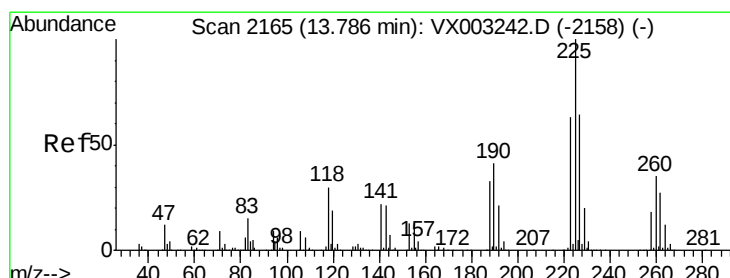
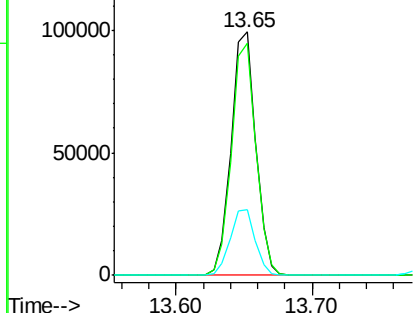
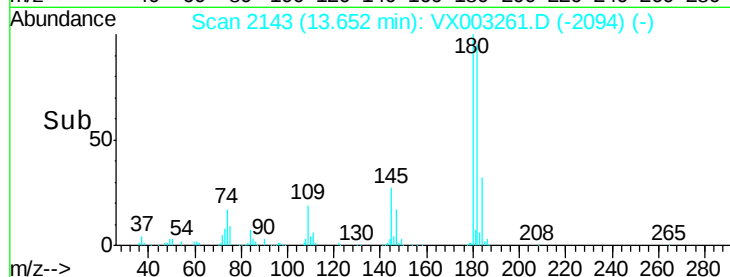
#93
 1,2,4-Trichlorobenzene
 Concen: 19.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Tot Ion:180 Resp: 125147
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 27.4 14.1 42.4

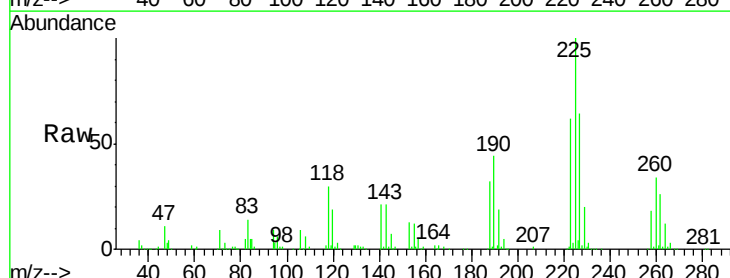


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

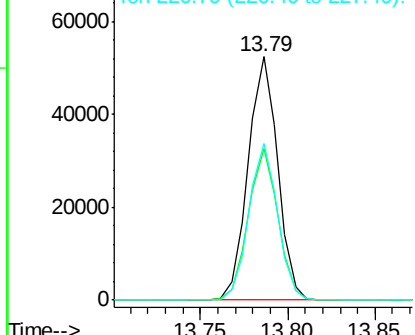
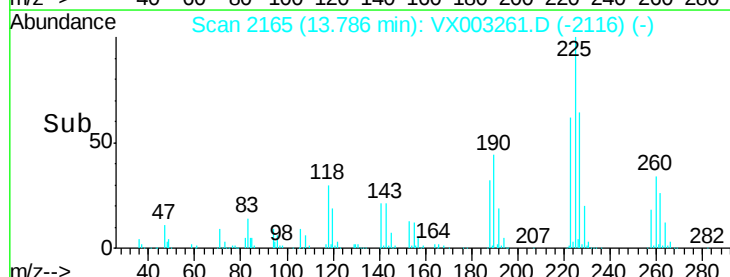


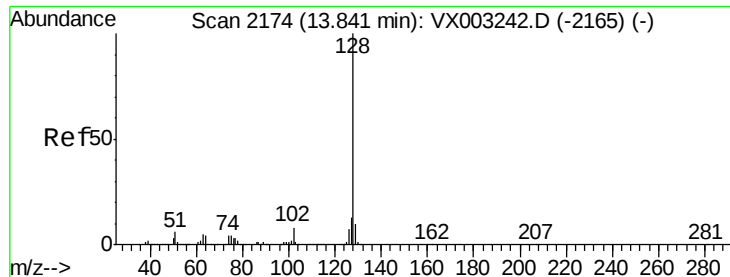
#94
 Hexachlorobutadiene
 Concen: 19.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003261.D
 Acq: 09 Jul 2018 23:10

Tgt Ion:225 Resp: 61575
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 62.6 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.20 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS02

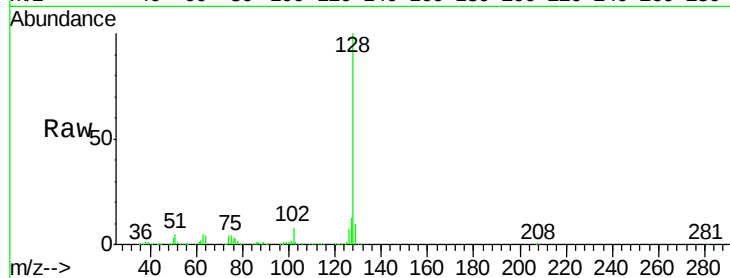
Tot Ion:128 Resp: 348479

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 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

300000

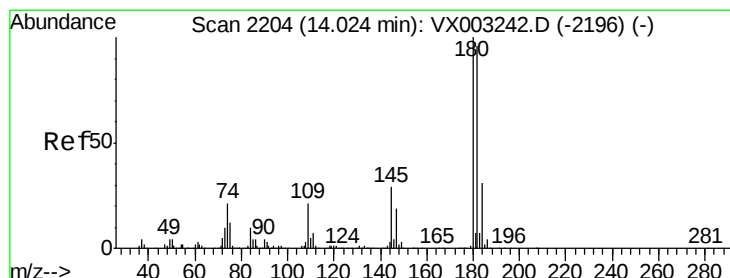
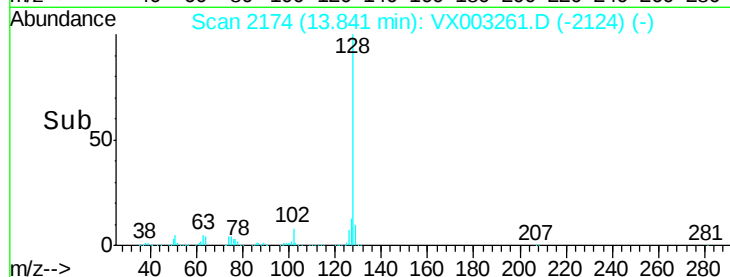
200000

100000

0

13.84

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.45 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003261.D

Acq: 09 Jul 2018 23:10

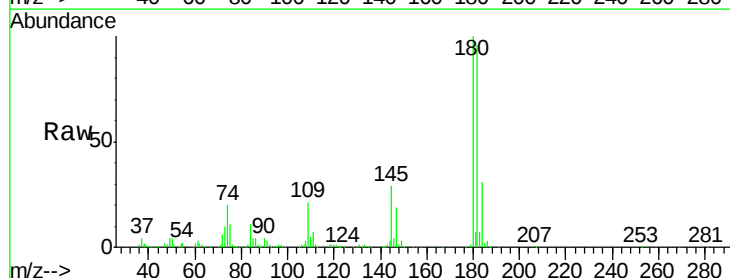
Tgt Ion:180 Resp: 128126

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 28.9 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

100000

50000

0

14.02

Time-->

