

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000358.D
 Acq On : 20 Mar 2018 12:10
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 20 12:28:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	134167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	168979	91.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.08%	
35) Dibromofluoromethane	5.52	113	135615	100.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.66%	
50) Toluene-d8	8.73	98	573659	101.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.48%	
62) 4-Bromofluorobenzene	11.15	95	240459	106.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	138398	95.76	ug/l	99
3) Chloromethane	1.32	50	131559	89.30	ug/l	94
4) Vinyl Chloride	1.41	62	148244	89.84	ug/l	94
5) Bromomethane	1.64	94	193250	104.94	ug/l	98
6) Chloroethane	1.71	64	107905	92.01	ug/l	99
7) Trichlorofluoromethane	1.93	101	268160	93.57	ug/l	99
8) Diethyl Ether	2.20	74	93690	91.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	149578	96.92	ug/l	98
10) Methyl Iodide	2.52	142	167722	107.56	ug/l	98
11) Tert butyl alcohol	3.10	59	276787	460.89	ug/l	100
12) 1,1-Dichloroethene	2.38	96	132032	90.15	ug/l	95
13) Acrolein	2.30	56	91480	354.07	ug/l	97
14) Allyl chloride	2.73	41	242471	92.84	ug/l	99
15) Acrylonitrile	3.16	53	559253	482.97	ug/l	100
16) Acetone	2.45	43	665675	537.14	ug/l	98
17) Carbon Disulfide	2.57	76	372100	86.97	ug/l	100
18) Methyl Acetate	2.79	43	275395	99.30	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	491020	95.23	ug/l	100
20) Methylene Chloride	2.87	84	145217	90.51	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	145571	89.90	ug/l	93
22) Diisopropyl ether	3.88	45	416516	95.83	ug/l	96
23) Vinyl Acetate	3.84	43	1977784	477.39	ug/l	99
24) 1,1-Dichloroethane	3.71	63	251465	91.96	ug/l	99
25) 2-Butanone	4.72	43	786966	531.30	ug/l	99
26) 2,2-Dichloropropane	4.60	77	205680	104.21	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	143014	96.69	ug/l	98
28) Bromochloromethane	5.04	49	117330	102.09	ug/l	100
29) Tetrahydrofuran	5.18	42	481386	504.94	ug/l	99
30) Chloroform	5.23	83	263283	101.98	ug/l	98
31) Cyclohexane	5.59	56	209108	99.67	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	235775	103.34	ug/l	100
36) 1,1-Dichloropropene	5.81	75	191161	98.21	ug/l	98
37) Ethyl Acetate	4.88	43	264365	102.19	ug/l	99
38) Carbon Tetrachloride	5.79	117	210050	107.04	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	241699	106.46	ug/l	95
40) Benzene	6.16	78	559674	101.35	ug/l	98
41) Methacrylonitrile	5.07	41	136244	100.30	ug/l	98
42) 1,2-Dichloroethane	6.21	62	215329	98.38	ug/l	100
43) Isopropyl Acetate	6.48	43	408470	109.40	ug/l	99
44) Trichloroethene	7.23	130	155589	97.23	ug/l	99
45) 1,2-Dichloropropane	7.52	63	142913	104.94	ug/l	97
46) Dibromomethane	7.67	93	109109	99.73	ug/l	98
47) Bromodichloromethane	7.91	83	210508	108.39	ug/l	98
48) Methyl methacrylate	7.79	41	200022	105.95	ug/l	100
49) 1,4-Dioxane	7.77	88	80248	1889.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1638787	565.18	ug/l	100
52) Toluene	8.79	92	417686	107.67	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	248332	110.79	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	256817	117.16	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	168591	108.32	ug/l	98
56) Ethyl methacrylate	9.19	69	274097	118.93	ug/l	97
57) 1,3-Dichloropropane	9.38	76	261726	103.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	617347	582.48	ug/l	99
59) 2-Hexanone	9.51	43	1417810	580.37	ug/l	99
60) Dibromochloromethane	9.59	129	194540	118.20	ug/l	97
61) 1,2-Dibromoethane	9.68	107	188569	109.29	ug/l	98
64) Tetrachloroethene	9.34	164	155891	97.59	ug/l	98
65) Chlorobenzene	10.15	112	485021	106.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	169008	110.32	ug/l	99
67) Ethyl Benzene	10.26	91	826308	106.41	ug/l	98
68) m/p-Xylenes	10.37	106	697592	230.57	ug/l	96
69) o-Xylene	10.71	106	333361	113.42	ug/l	98
70) Styrene	10.72	104	593341	121.66	ug/l	97
71) Bromoform	10.87	173	171939	128.31	ug/l #	97
73) Isopropylbenzene	11.03	105	948558	104.14	ug/l	99
74) N-amyl acetate	6.48	43	408470	93.68	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	331995	102.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	399026	131.08	ug/l	84
77) Bromobenzene	11.26	156	239955	100.37	ug/l	97
78) n-propylbenzene	11.37	91	1097061	99.89	ug/l	99
79) 2-Chlorotoluene	11.43	91	617927	99.15	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	818920	105.55	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	107568	120.39	ug/l	95
82) 4-Chlorotoluene	11.52	91	772364	100.82	ug/l	96
83) tert-Butylbenzene	11.78	119	804256	106.25	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	843615	105.76	ug/l	99
85) sec-Butylbenzene	11.96	105	1005227	106.08	ug/l	100
86) p-Isopropyltoluene	12.07	119	927788	110.02	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	477032	101.68	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	496309	101.80	ug/l	98
89) n-Butylbenzene	12.40	91	855387	104.32	ug/l	99
90) Hexachloroethane	12.60	117	149901	110.82	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	484462	106.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	90056	102.60	ug/l	99

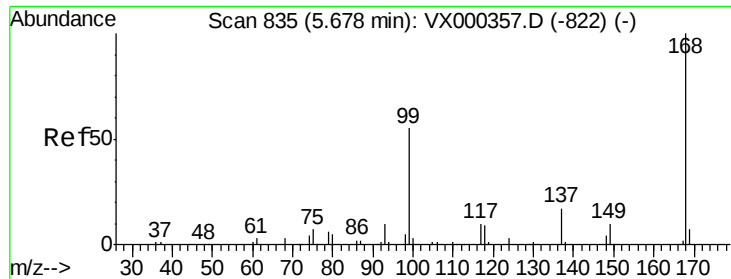
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	324847	99.24	ug/l	100
94) Hexachlorobutadiene	13.79	225	137441	106.44	ug/l	98
95) Naphthalene	13.85	128	1159183	102.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	313077	94.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

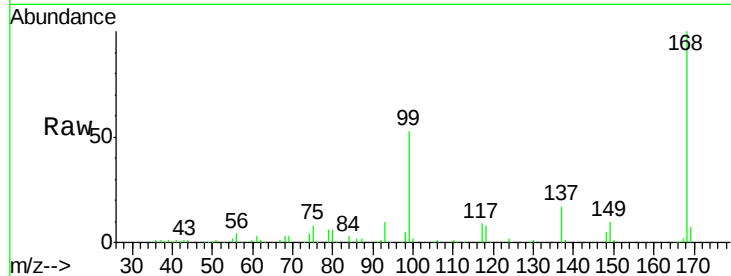
VSTDIC100

Tgt Ion:168 Resp: 134167

Ion Ratio Lower Upper

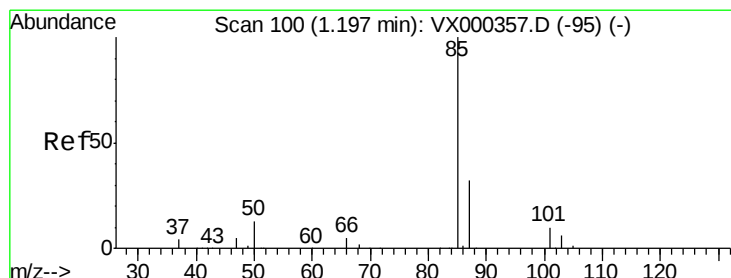
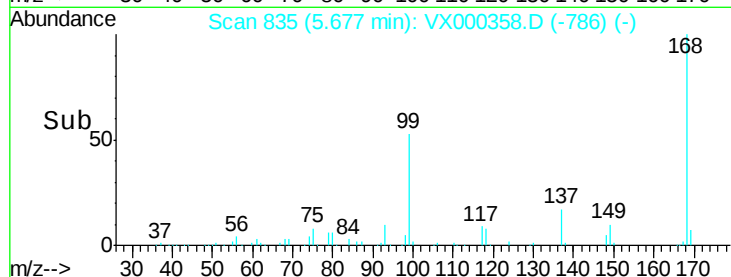
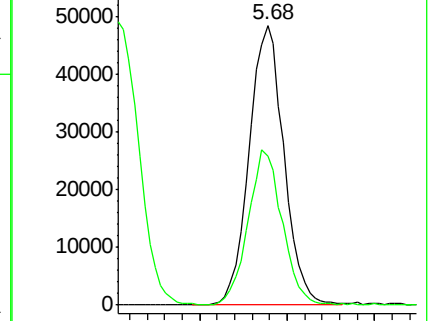
168 100

99 52.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 95.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000358.D

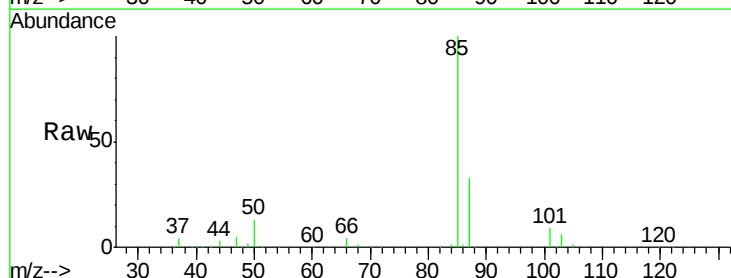
Acq: 20 Mar 2018 12:10

Tgt Ion: 85 Resp: 138398

Ion Ratio Lower Upper

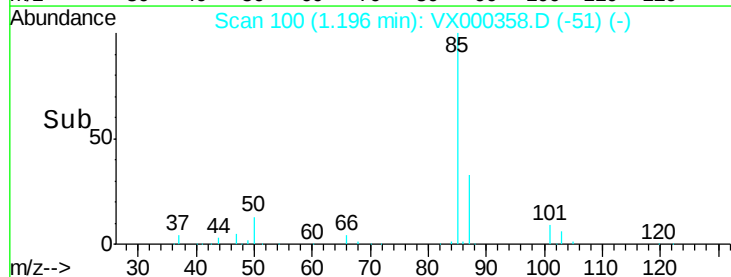
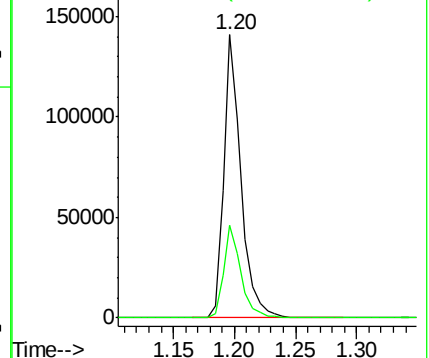
85 100

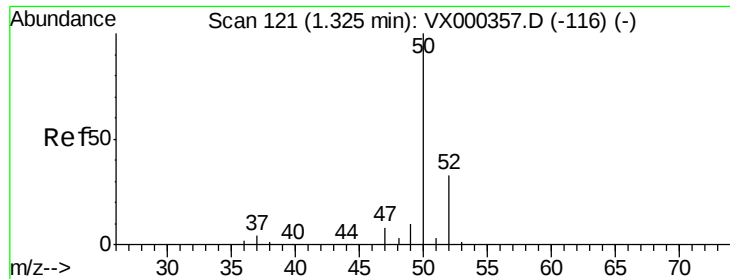
87 32.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 89.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

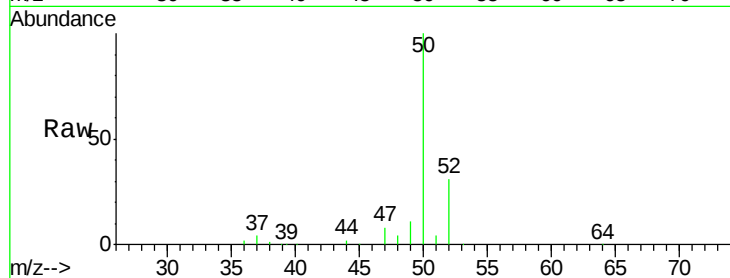
VSTDIC100

Tgt Ion: 50 Resp: 131559

Ion Ratio Lower Upper

50 100

52 31.1 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

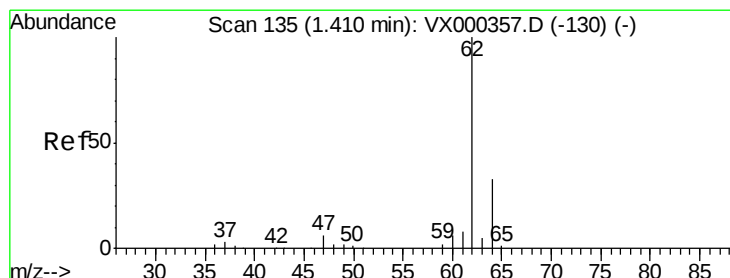
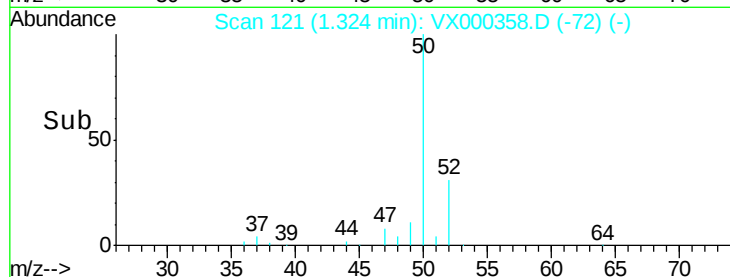
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 89.84 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000358.D

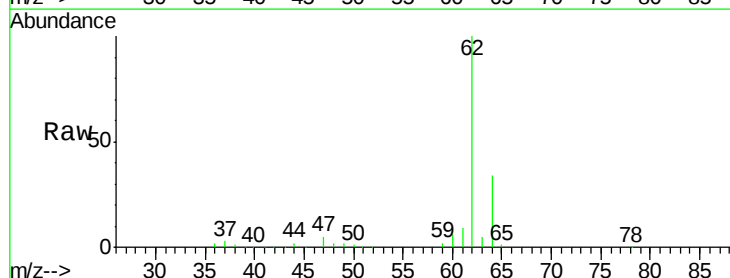
Acq: 20 Mar 2018 12:10

Tgt Ion: 62 Resp: 148244

Ion Ratio Lower Upper

62 100

64 34.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

150000

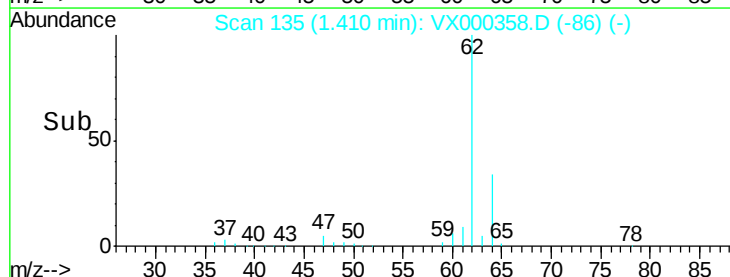
100000

50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 104.94 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

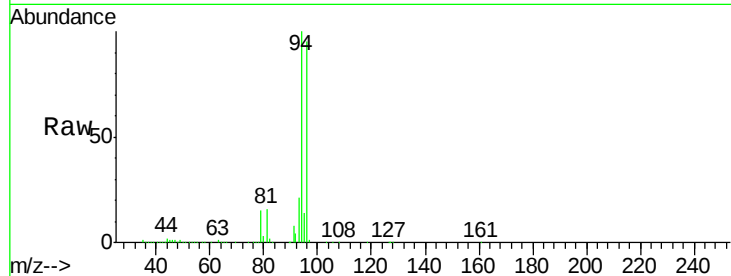
VSTDICC100

Tgt Ion: 94 Resp: 193250

Ion Ratio Lower Upper

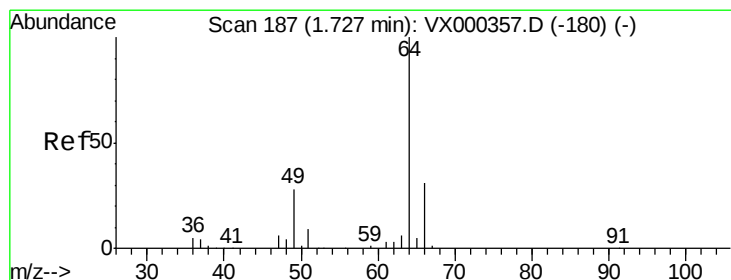
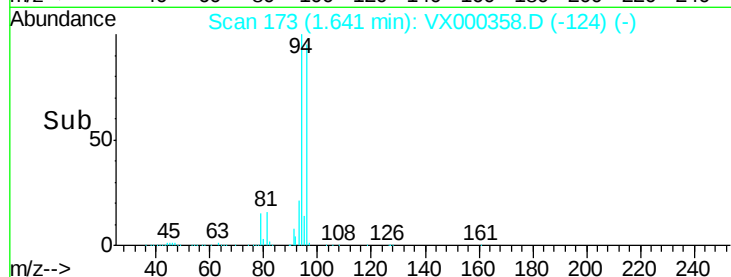
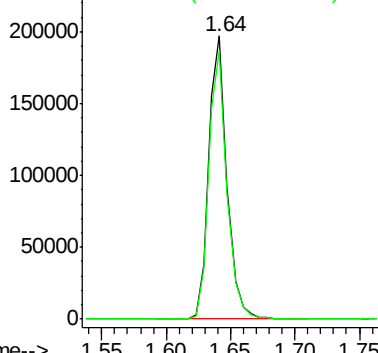
94 100

96 94.7 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 92.01 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000358.D

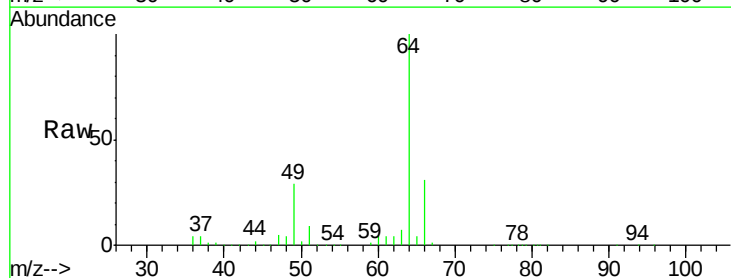
Acq: 20 Mar 2018 12:10

Tgt Ion: 64 Resp: 107905

Ion Ratio Lower Upper

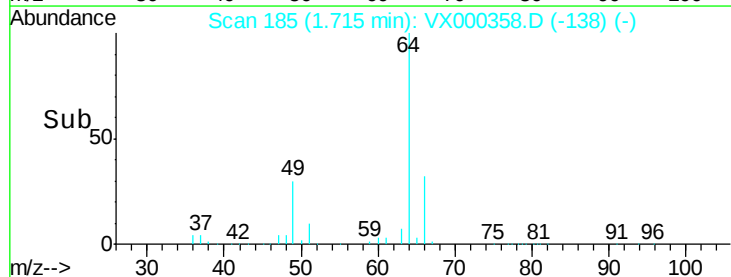
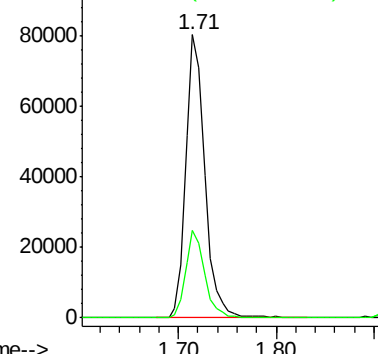
64 100

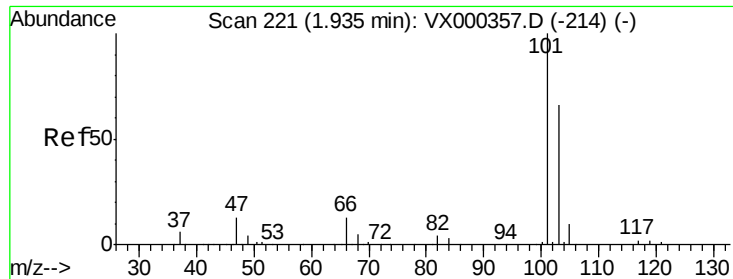
66 30.6 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 93.57 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

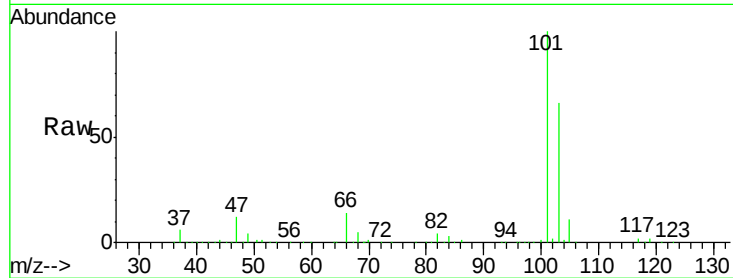
VSTDIC100

Tgt Ion:101 Resp: 268160

Ion Ratio Lower Upper

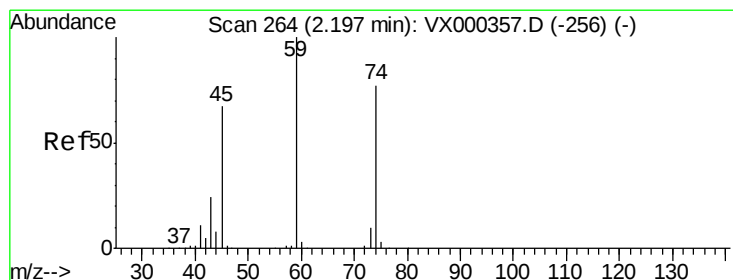
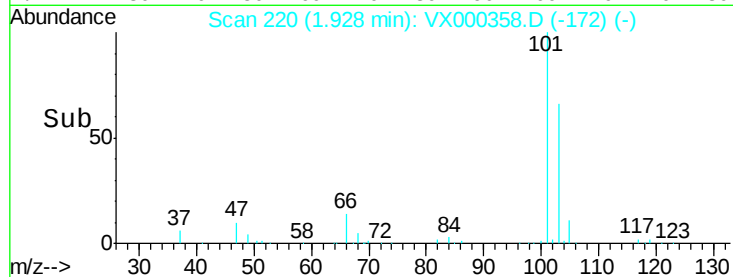
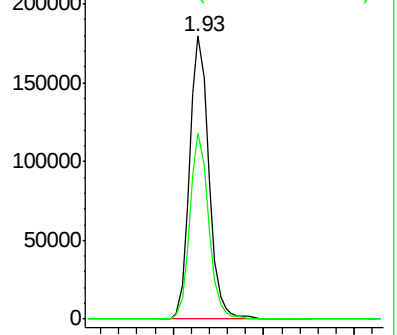
101 100

103 65.6 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 91.83 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000358.D

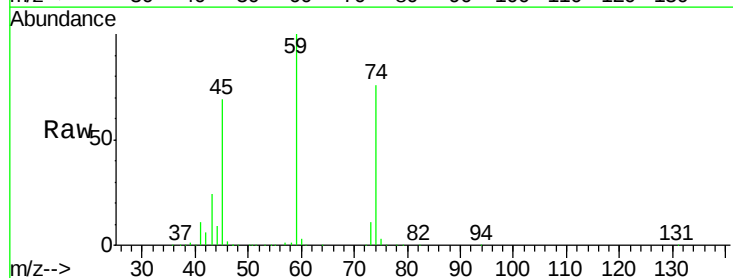
Acq: 20 Mar 2018 12:10

Tgt Ion: 74 Resp: 93690

Ion Ratio Lower Upper

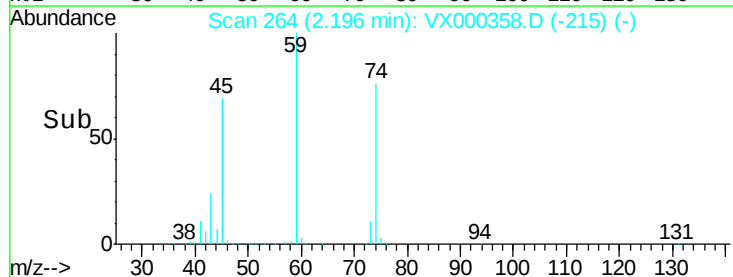
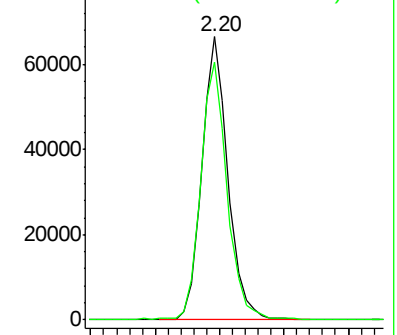
74 100

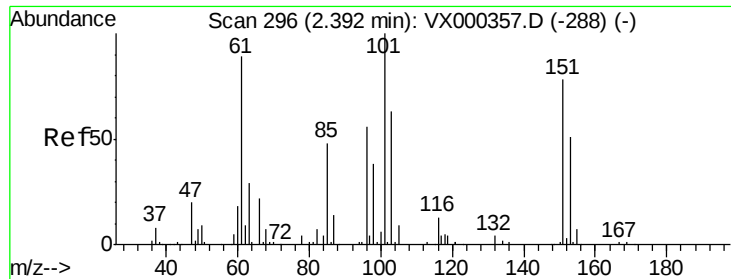
45 93.5 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

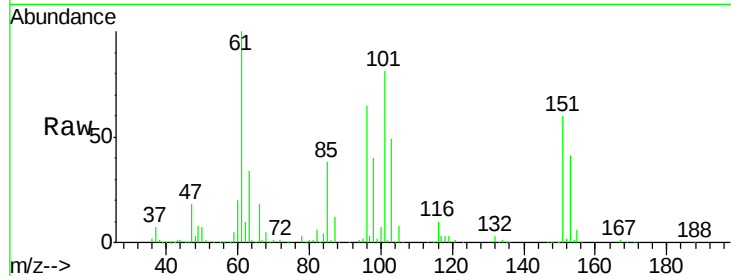




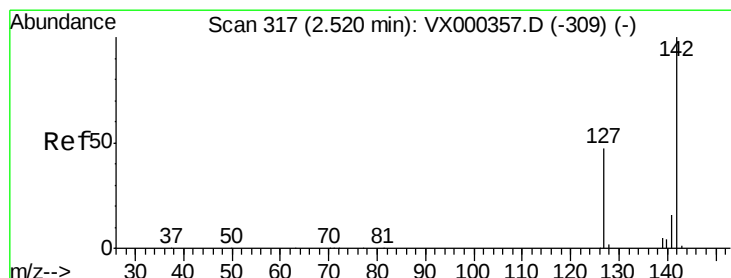
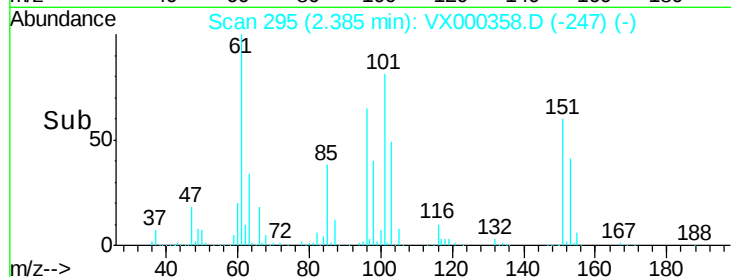
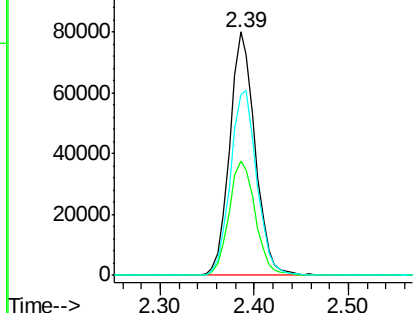
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 96.92 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VX000358.D
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Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion:101 Resp: 149578
 Ion Ratio Lower Upper
 101 100
 85 49.0 37.6 56.4
 151 79.1 62.6 93.8

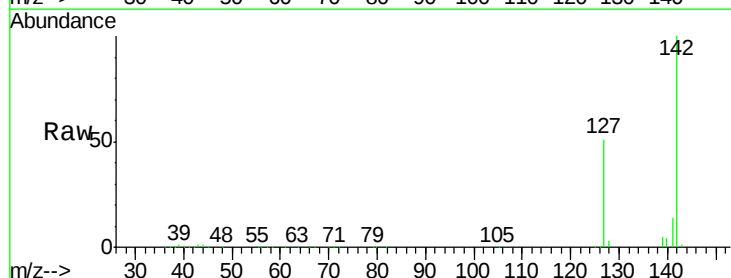


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX
 Ion 150.80 (150.50 to 151.50): V

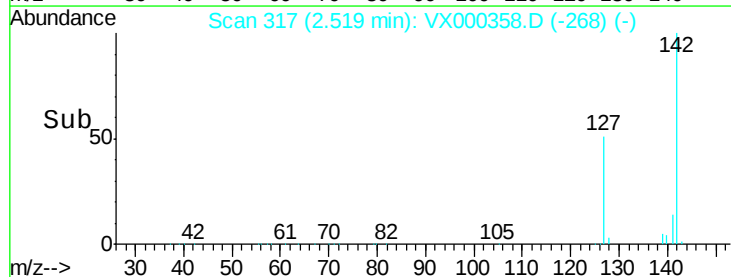
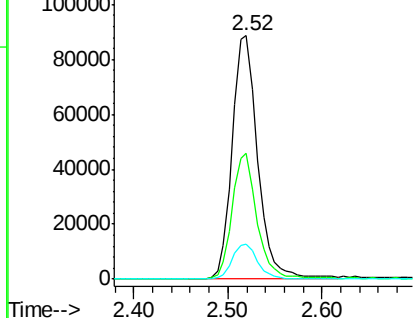


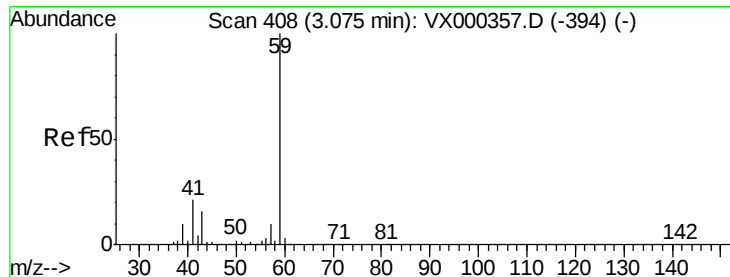
#10
 Methyl Iodide
 Concen: 107.56 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion:142 Resp: 167722
 Ion Ratio Lower Upper
 142 100
 127 50.5 39.2 58.8
 141 14.4 11.7 17.5



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

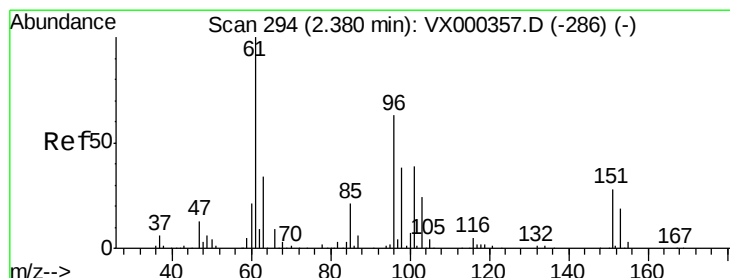
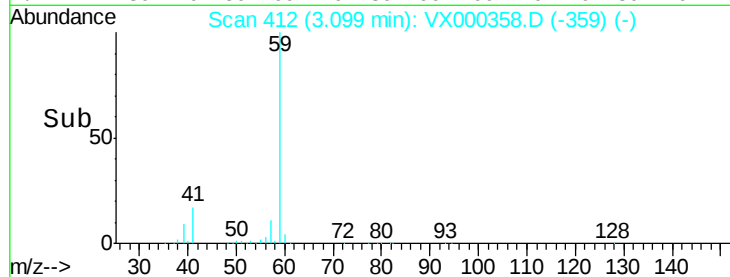
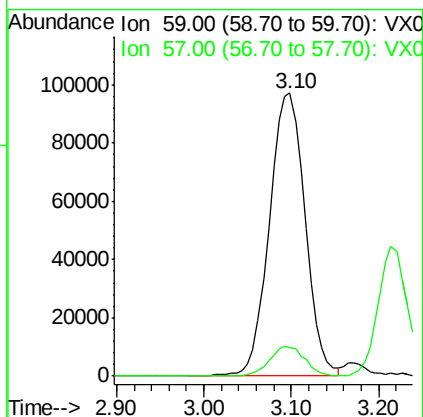
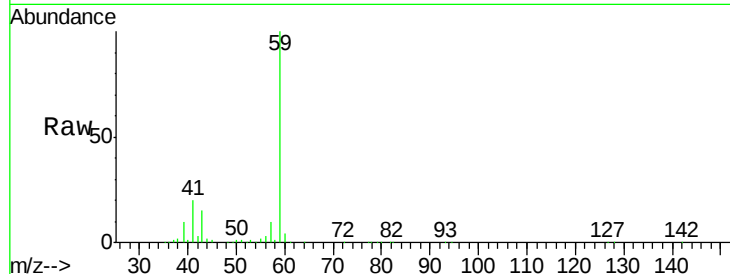




#11
Tert butyl alcohol
Concen: 460.89 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

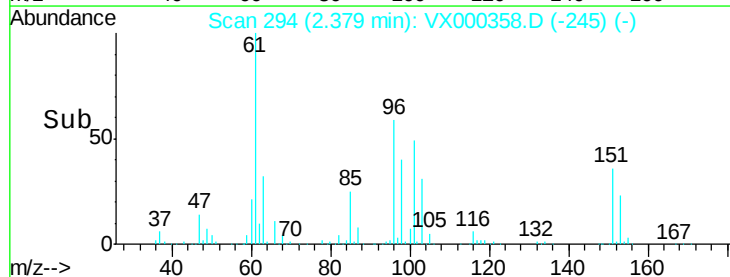
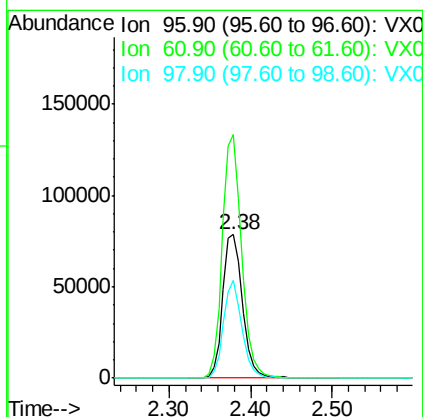
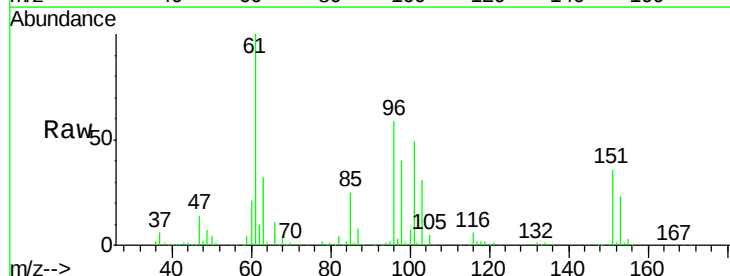
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

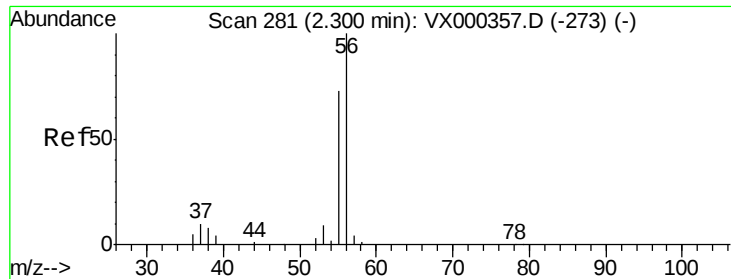
Tgt Ion: 59 Resp: 276787
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 90.15 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 96 Resp: 132032
Ion Ratio Lower Upper
96 100
61 169.4 131.2 196.8
98 68.3 49.8 74.8





#13

Acrolein

Concen: 354.07 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

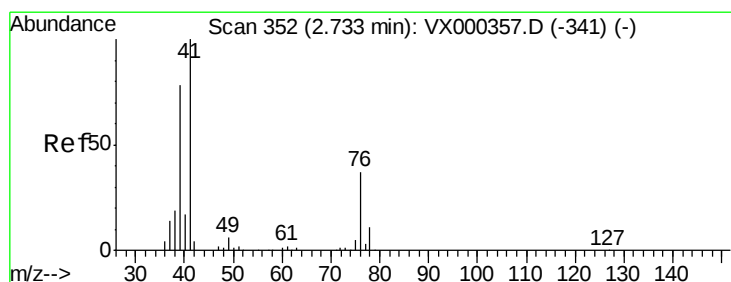
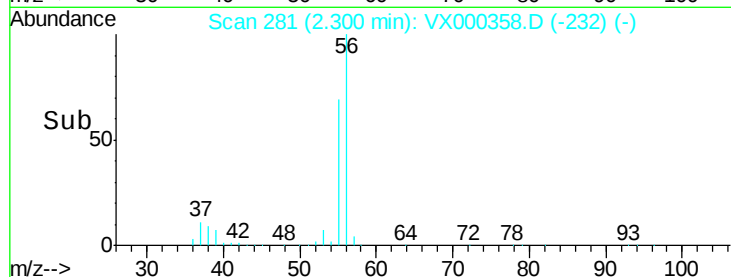
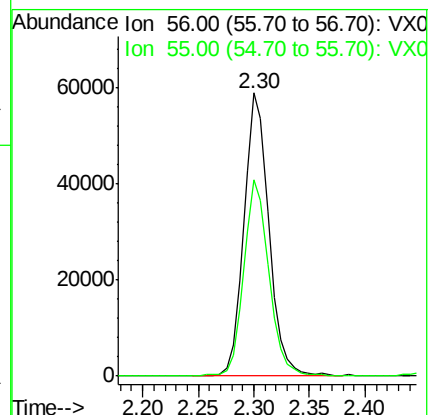
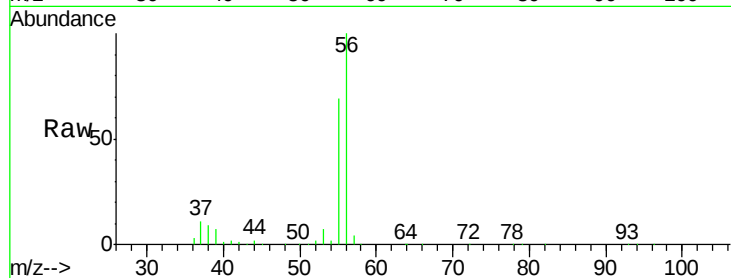
VSTDIC100

Tgt Ion: 56 Resp: 91480

Ion Ratio Lower Upper

56 100

55 70.7 58.8 88.2



#14

Allyl chloride

Concen: 92.84 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

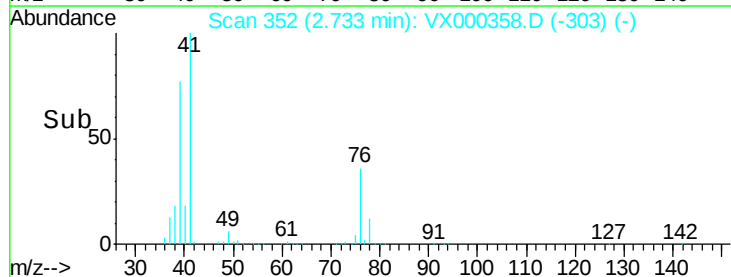
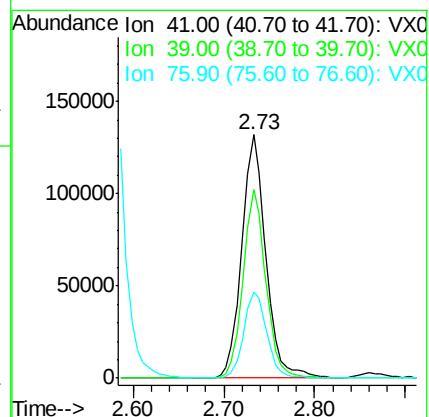
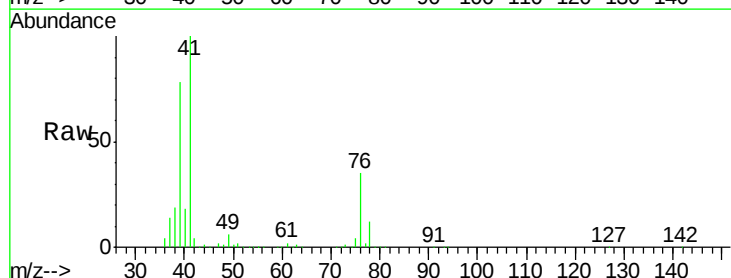
Tgt Ion: 41 Resp: 242471

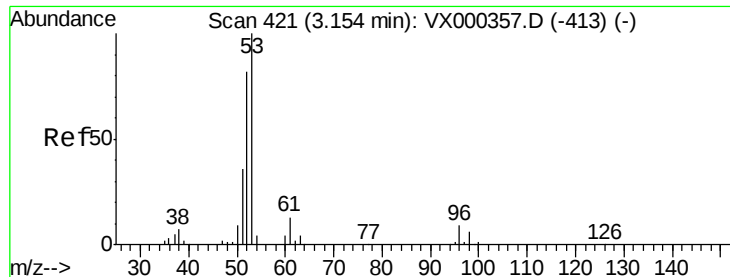
Ion Ratio Lower Upper

41 100

39 72.8 57.6 86.4

76 34.0 27.3 40.9





#15

Acrylonitrile

Concen: 482.97 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

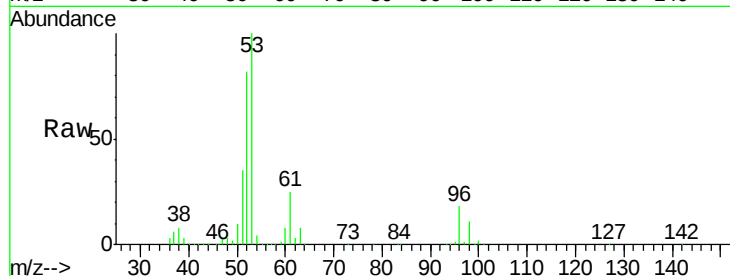
Tgt Ion: 53 Resp: 559253

Ion Ratio Lower Upper

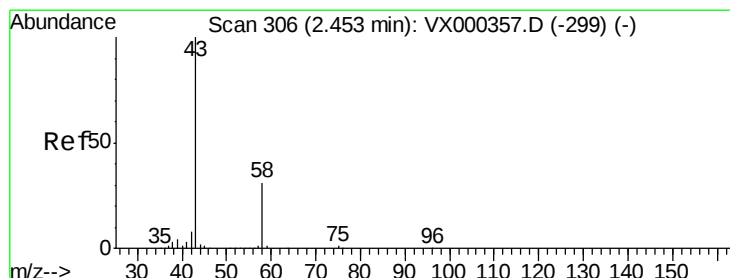
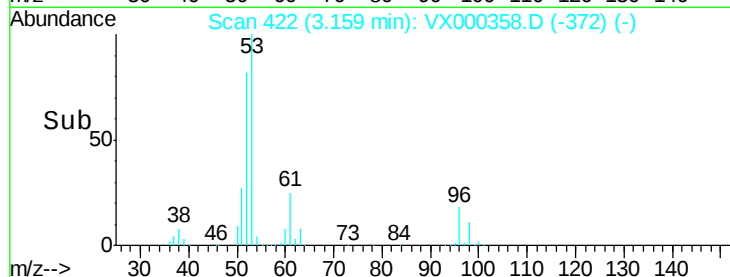
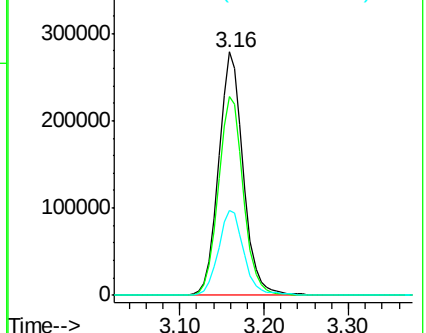
53 100

52 83.5 66.6 99.8

51 36.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 537.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000358.D

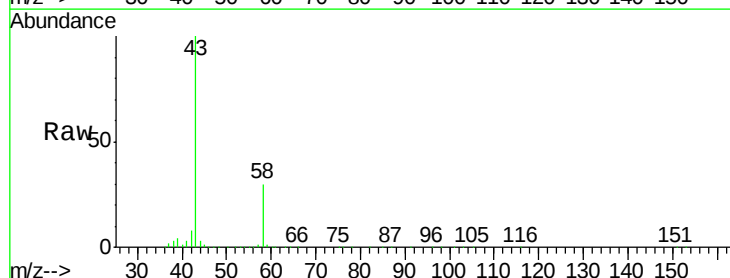
Acq: 20 Mar 2018 12:10

Tgt Ion: 43 Resp: 665675

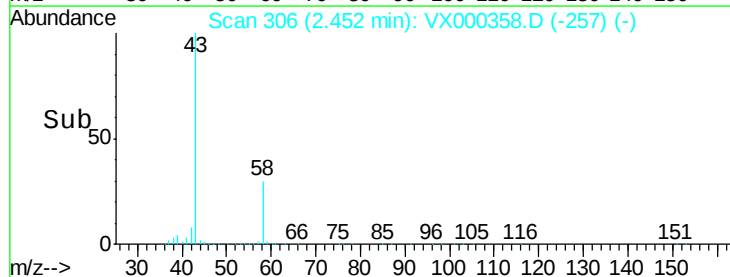
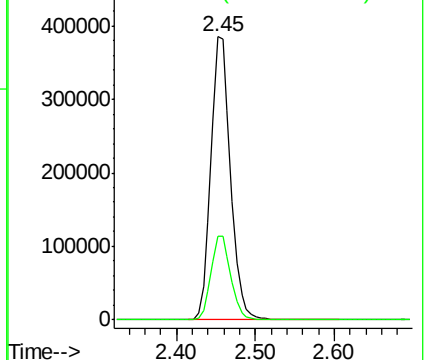
Ion Ratio Lower Upper

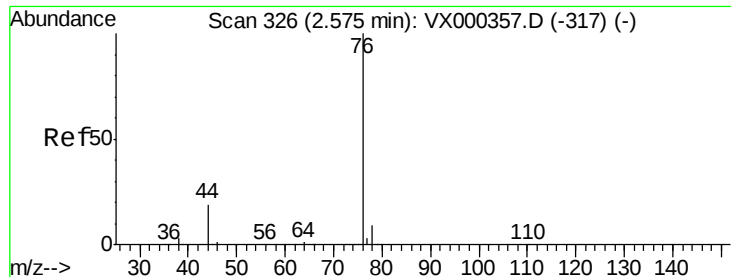
43 100

58 29.8 24.7 37.1



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

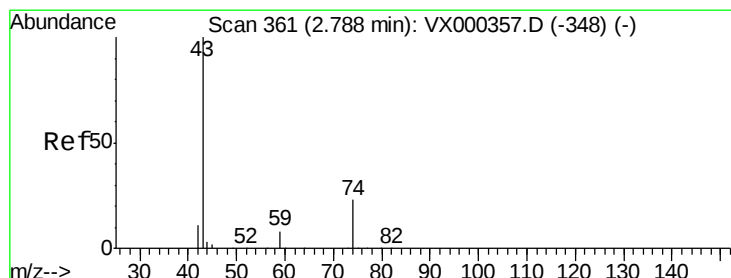
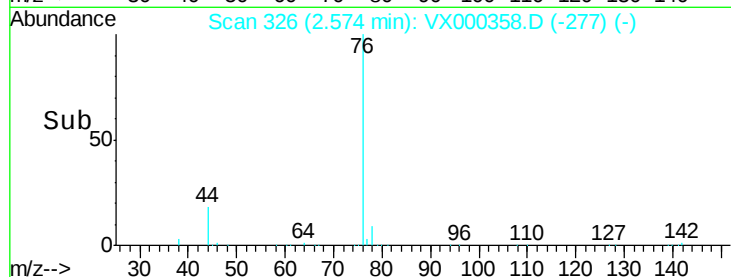
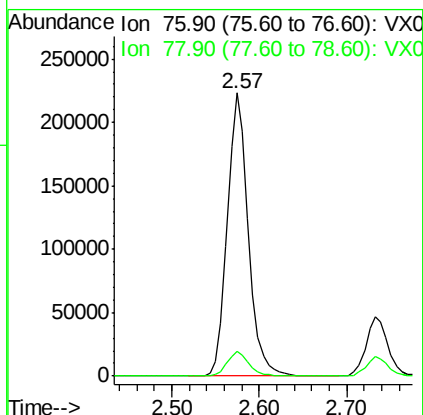
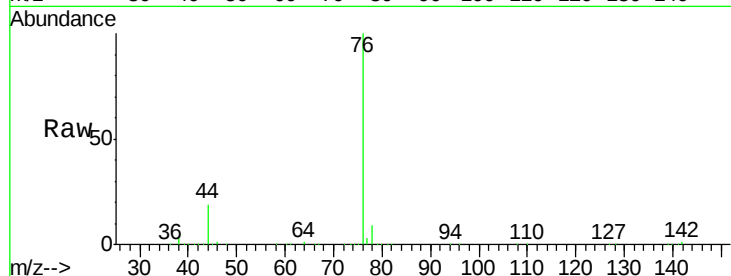




#17
Carbon Disulfide
Concen: 86.97 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

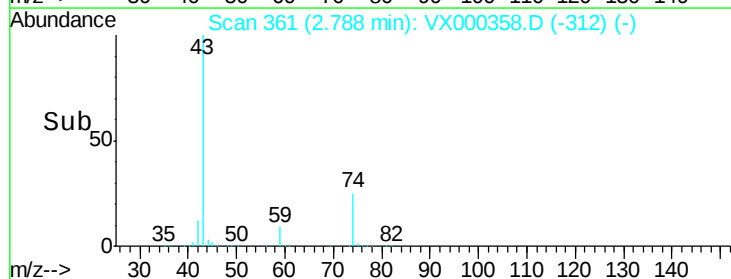
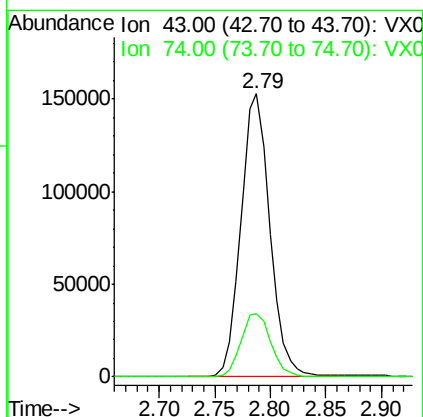
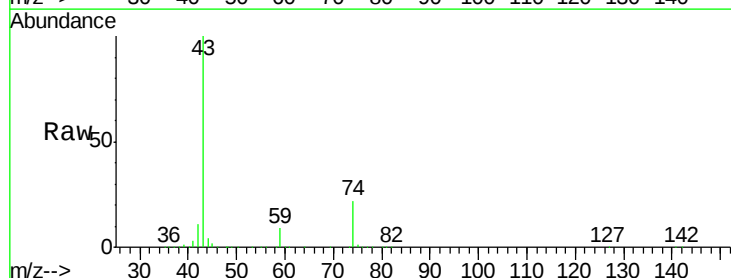
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

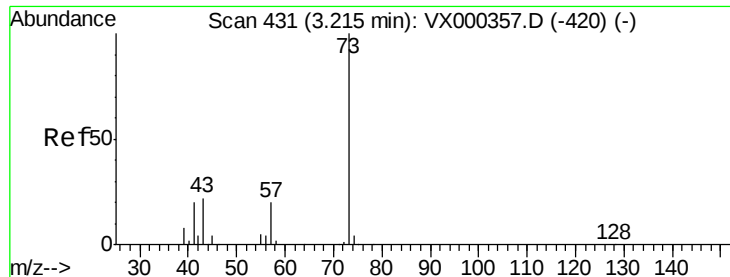
Tgt Ion: 76 Resp: 372100
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 99.30 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 43 Resp: 275395
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2

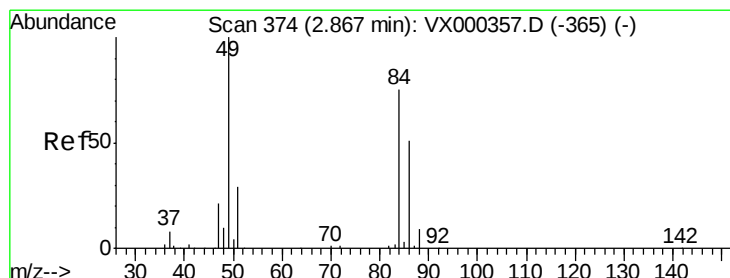
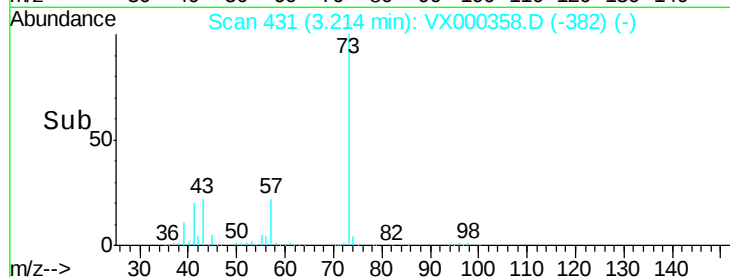
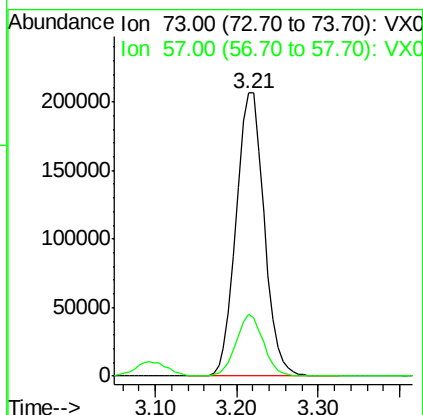
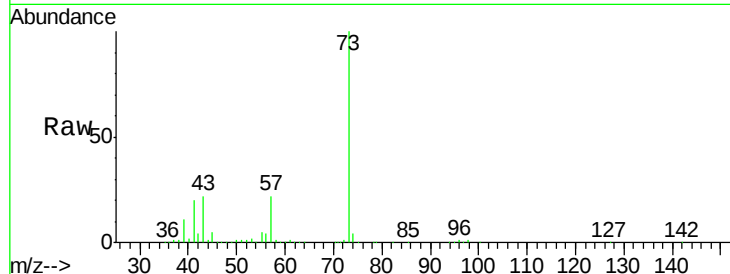




#19
Methyl tert-butyl Ether
Concen: 95.23 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

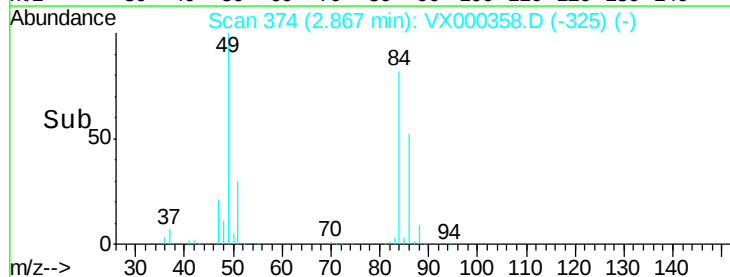
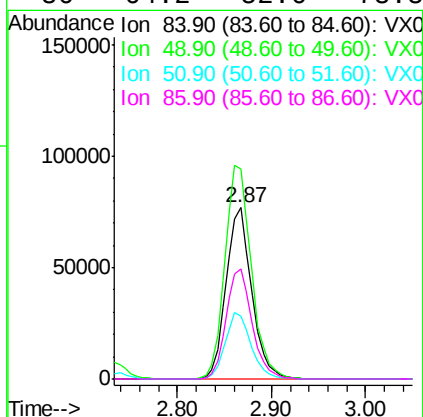
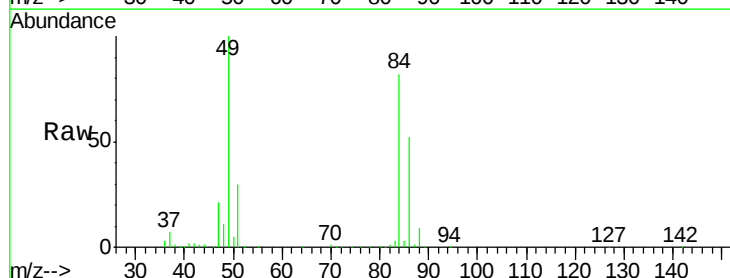
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 491020
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8



#20
Methylene Chloride
Concen: 90.51 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 84 Resp: 145217
Ion Ratio Lower Upper
84 100
49 122.3 100.6 151.0
51 36.7 31.6 47.4
86 64.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 89.90 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

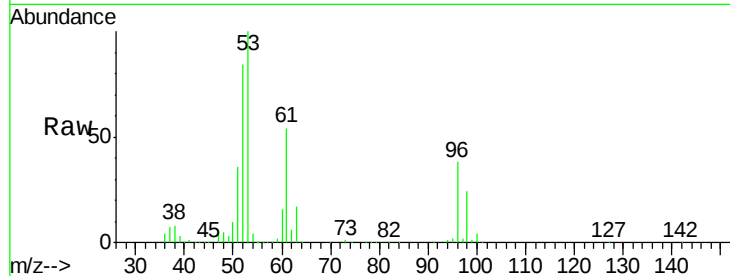
Tgt Ion: 96 Resp: 145571

Ion Ratio Lower Upper

96 100

61 140.7 104.0 156.0

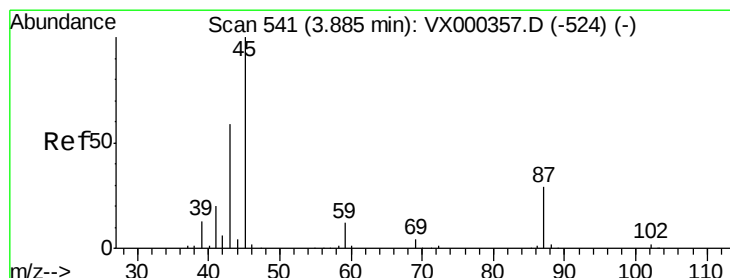
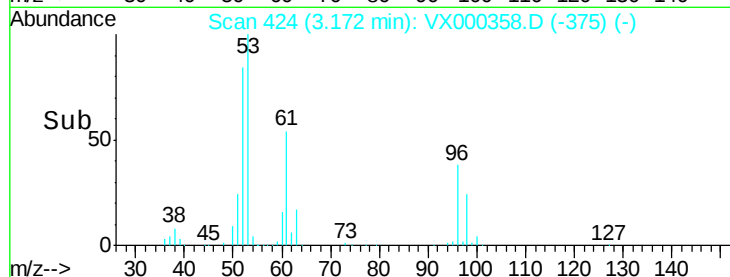
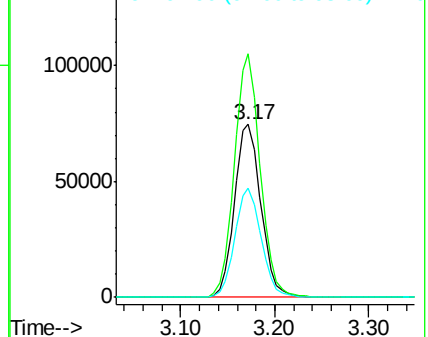
98 63.5 52.1 78.1



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: 95.83 ug/l

RT: 3.88 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Tgt Ion: 45 Resp: 416516

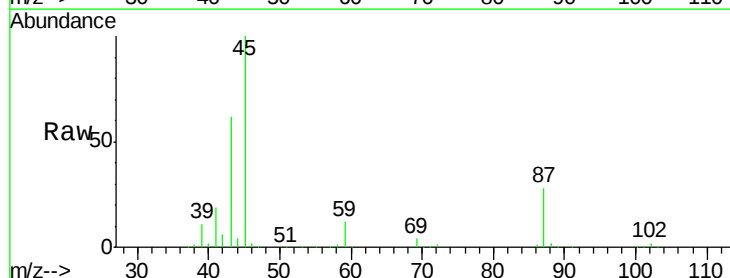
Ion Ratio Lower Upper

45 100

43 62.0 53.9 80.9

87 28.2 22.6 34.0

59 12.0 9.5 14.3

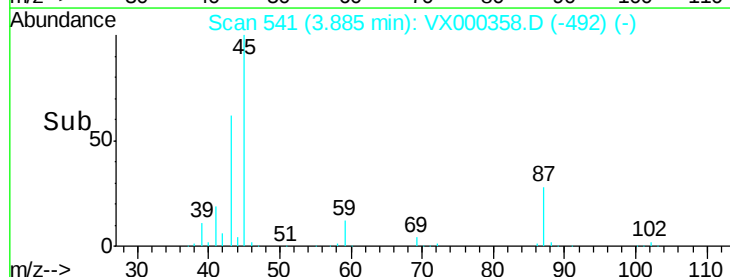
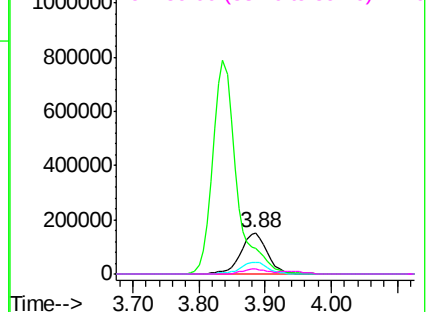


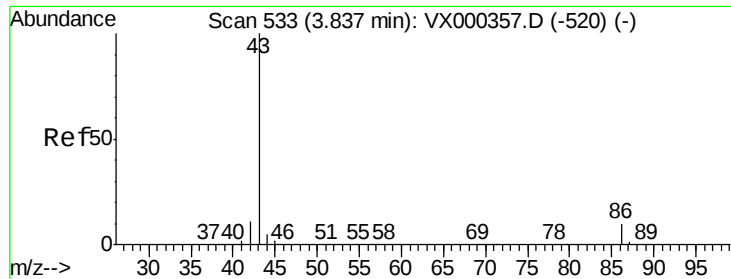
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 477.39 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

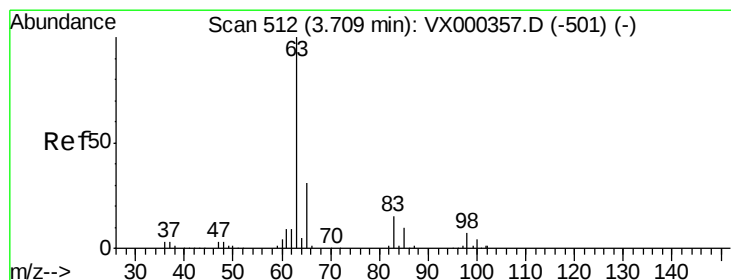
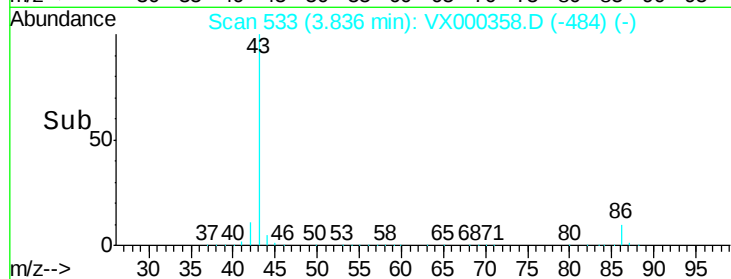
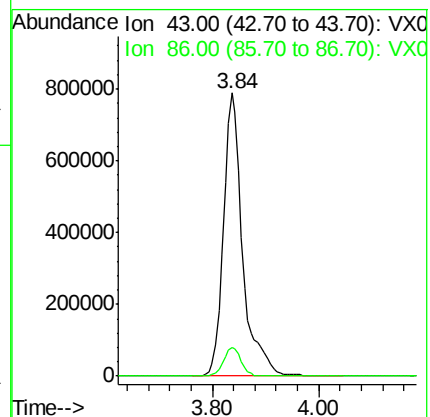
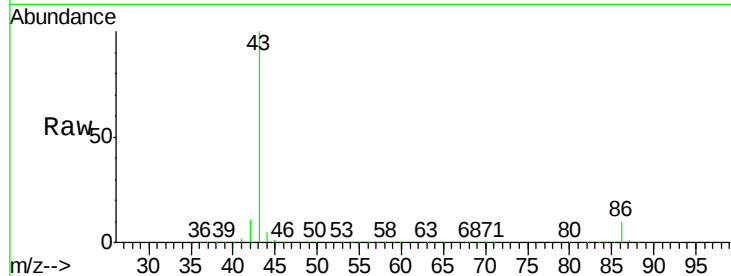
VSTDIC100

Tgt Ion: 43 Resp: 1977784

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8



#24

1,1-Dichloroethane

Concen: 91.96 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

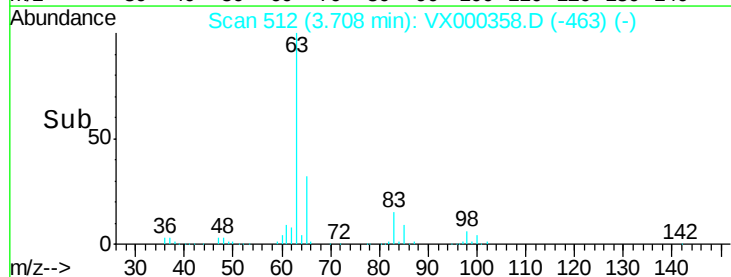
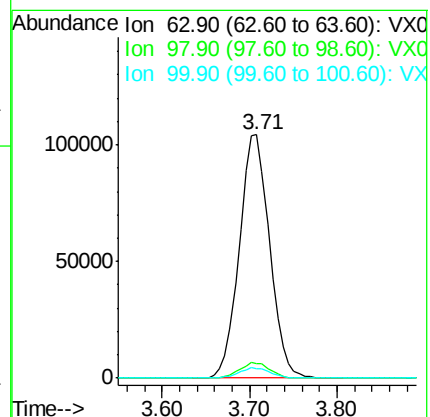
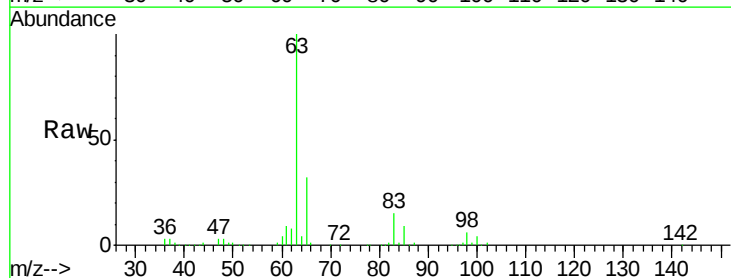
Tgt Ion: 63 Resp: 251465

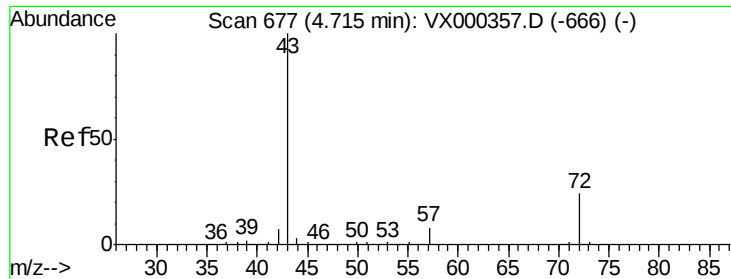
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 531.30 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

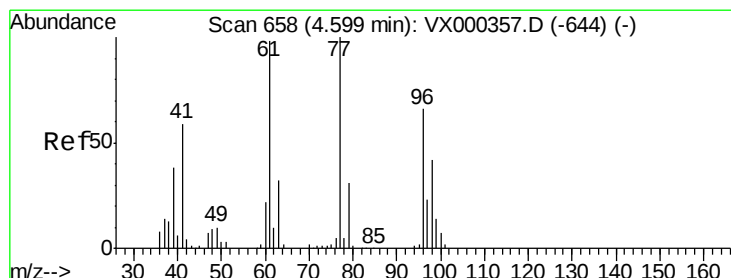
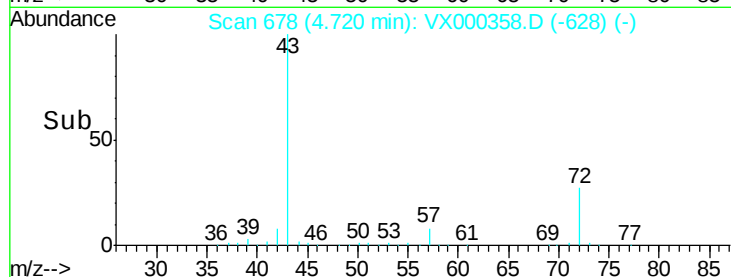
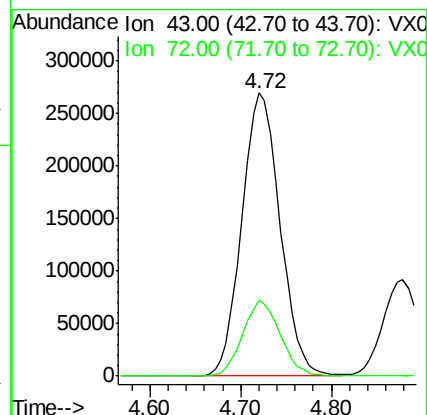
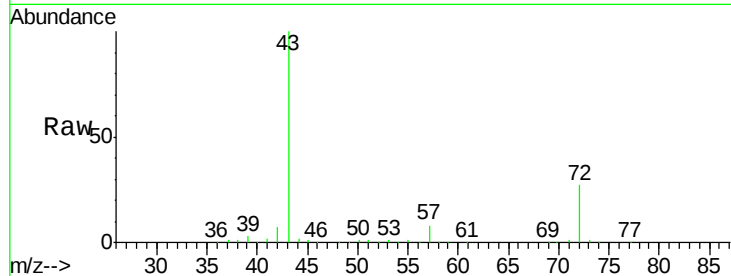
VSTDIC100

Tgt Ion: 43 Resp: 786966

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 104.21 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000358.D

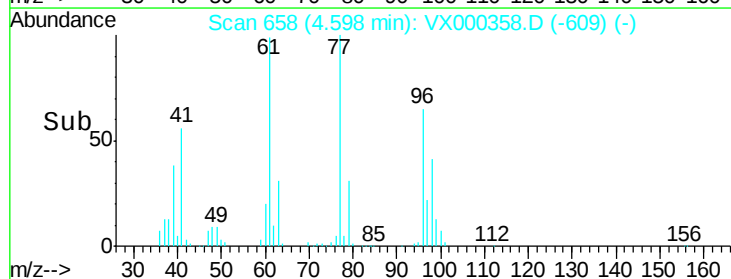
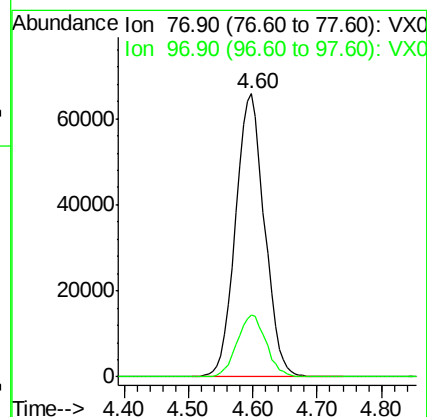
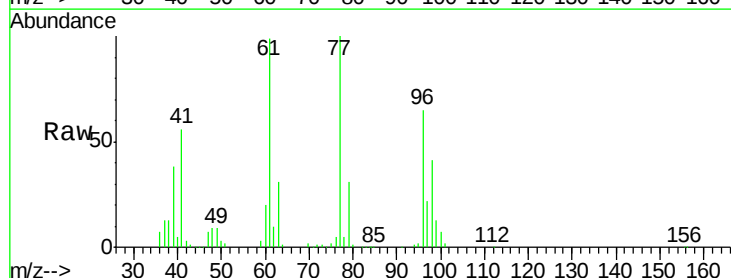
Acq: 20 Mar 2018 12:10

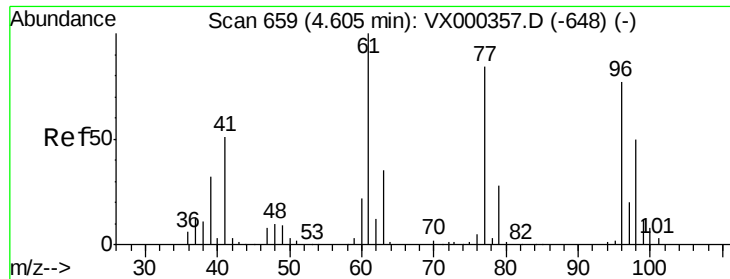
Tgt Ion: 77 Resp: 205680

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8

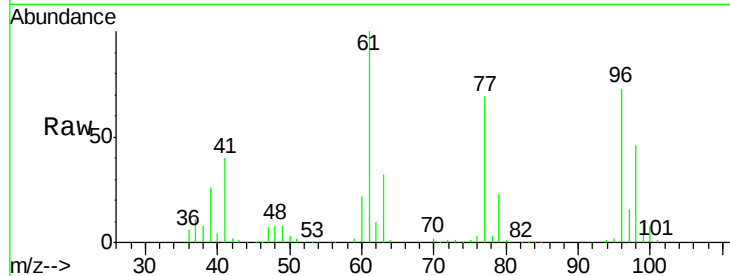




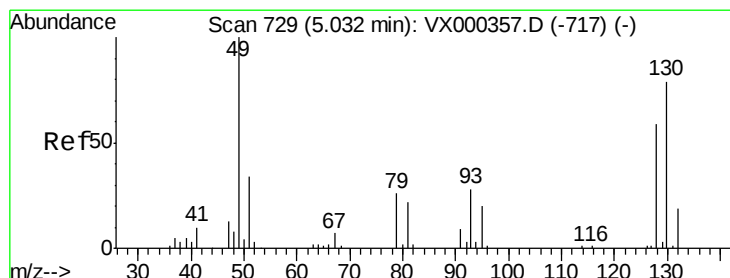
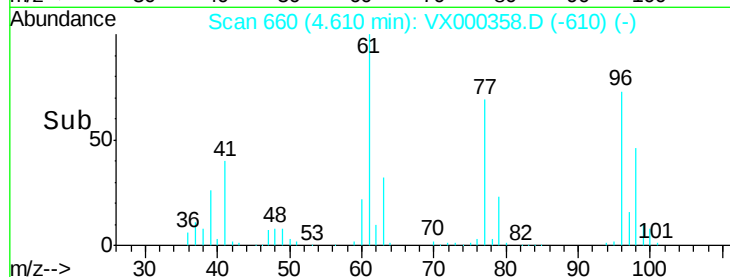
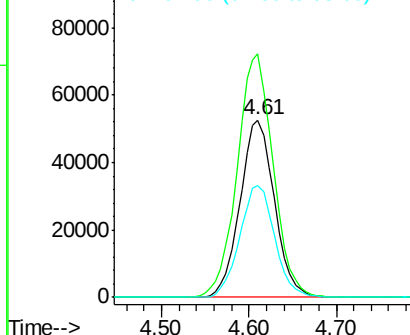
#27
 cis-1,2-Dichloroethene
 Concen: 96.69 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 143014
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 291.6
 98 64.2 0.0 132.0

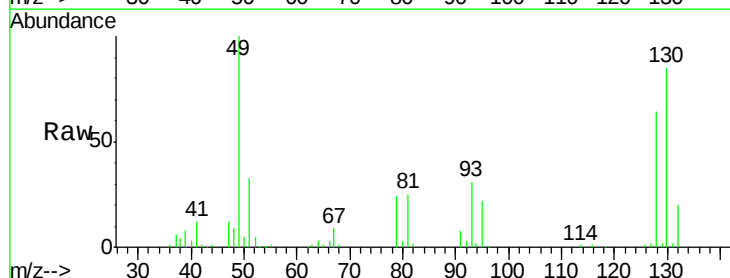


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

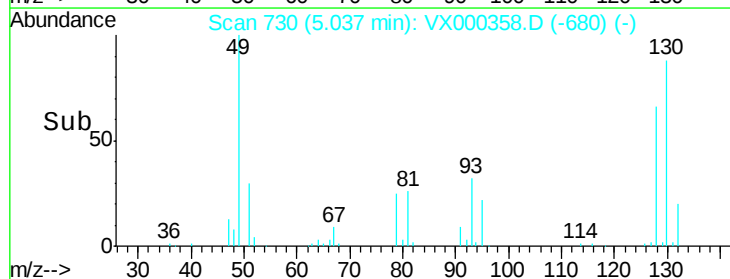
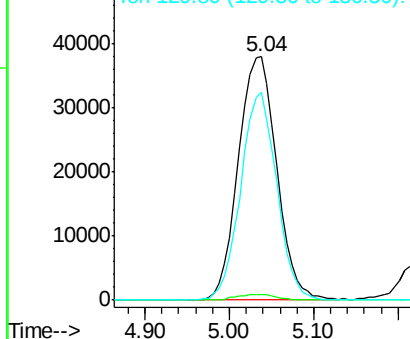


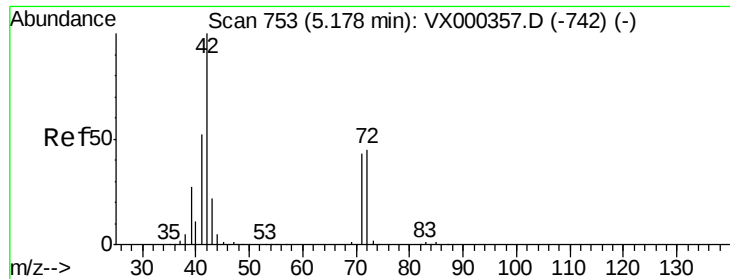
#28
 Bromochloromethane
 Concen: 102.09 ug/l
 RT: 5.04 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion: 49 Resp: 117330
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 80.1 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 504.94 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

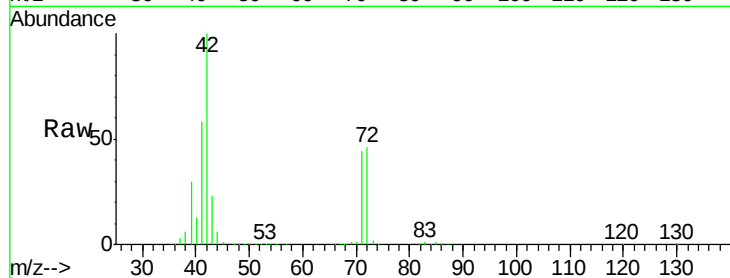
Tgt Ion: 42 Resp: 481386

Ion Ratio Lower Upper

42 100

72 46.4 37.9 56.9

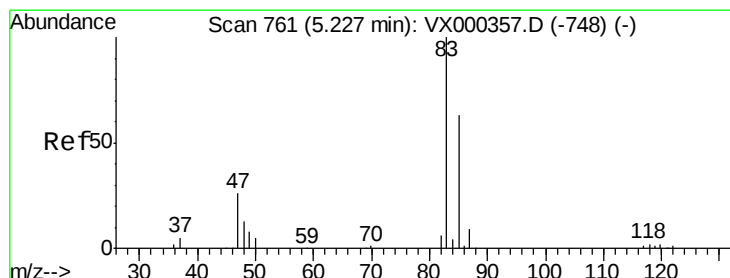
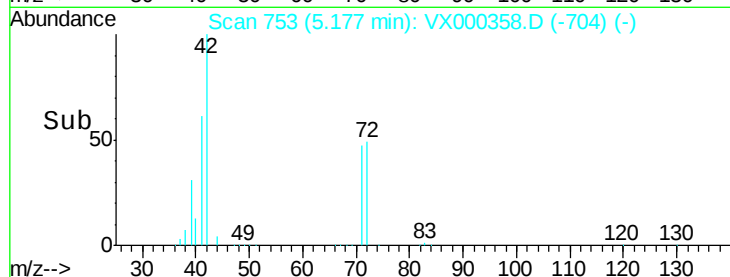
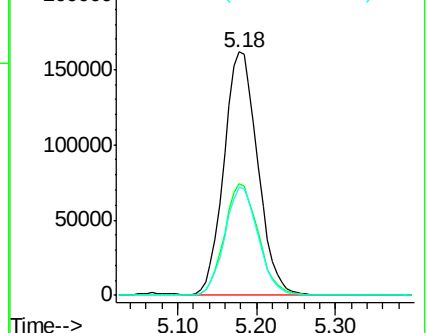
71 44.0 34.4 51.6



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: 101.98 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000358.D

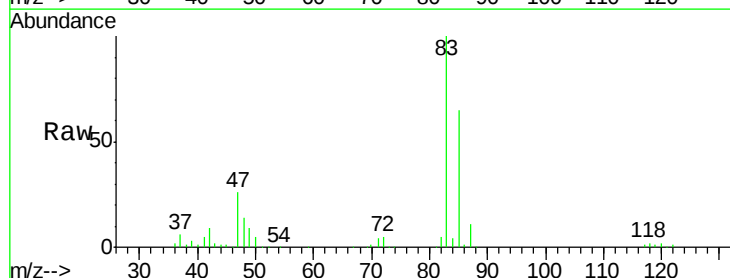
Acq: 20 Mar 2018 12:10

Tgt Ion: 83 Resp: 263283

Ion Ratio Lower Upper

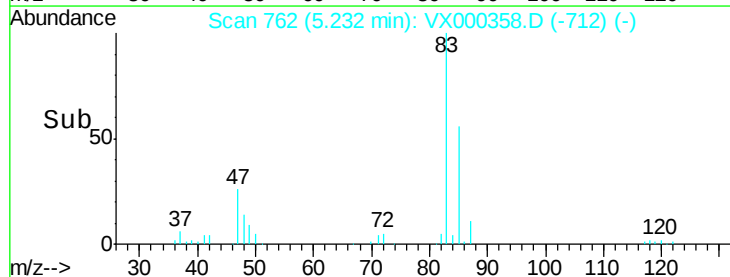
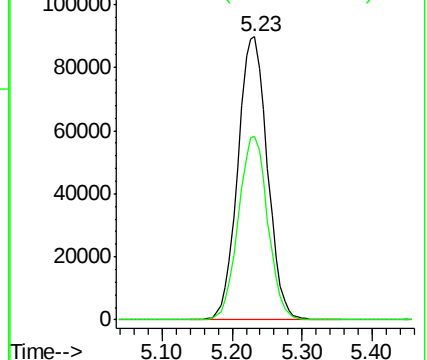
83 100

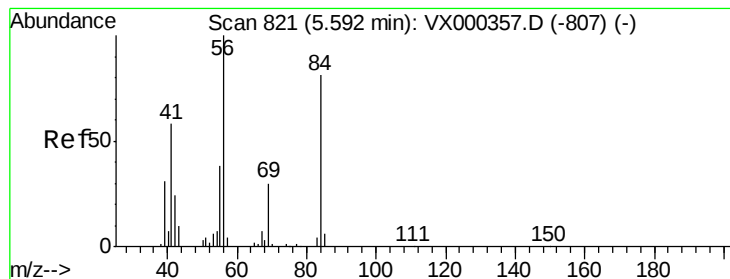
85 64.7 53.3 79.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 99.67 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

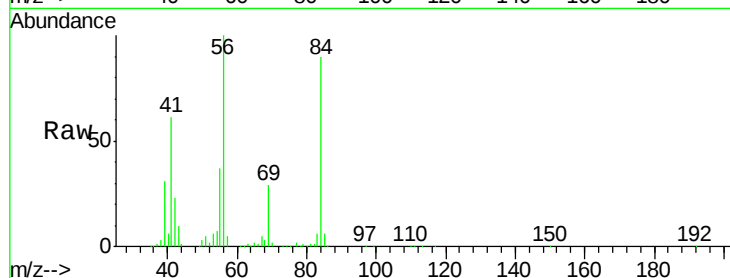
Tgt Ion: 56 Resp: 209108

Ion Ratio Lower Upper

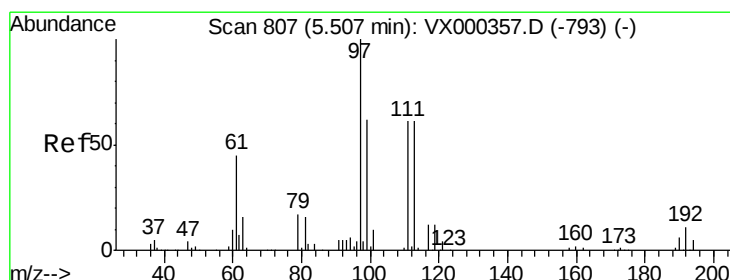
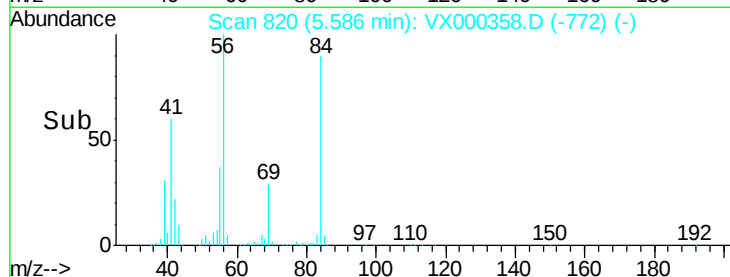
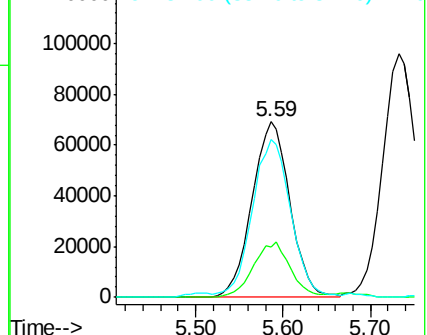
56 100

69 28.8 23.4 35.0

84 89.0 71.0 106.4



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: 103.34 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

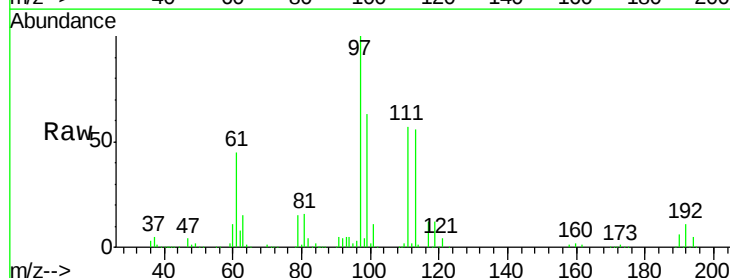
Tgt Ion: 97 Resp: 235775

Ion Ratio Lower Upper

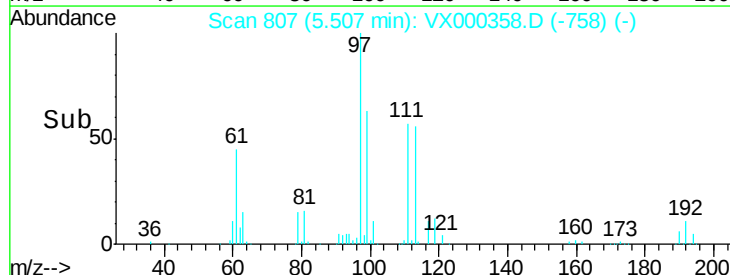
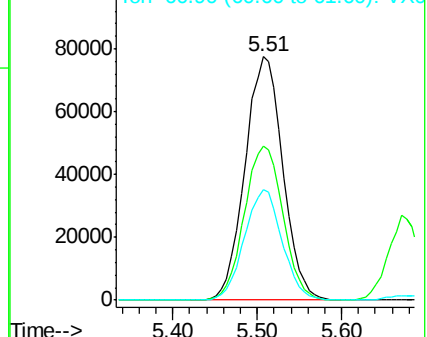
97 100

99 64.8 52.1 78.1

61 45.2 36.2 54.4



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: 91.04 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

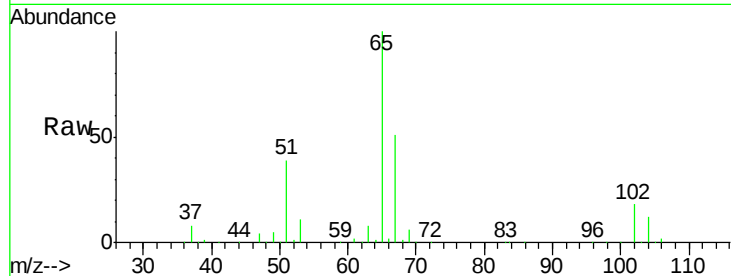
VSTDIC100

Tgt Ion: 65 Resp: 168979

Ion Ratio Lower Upper

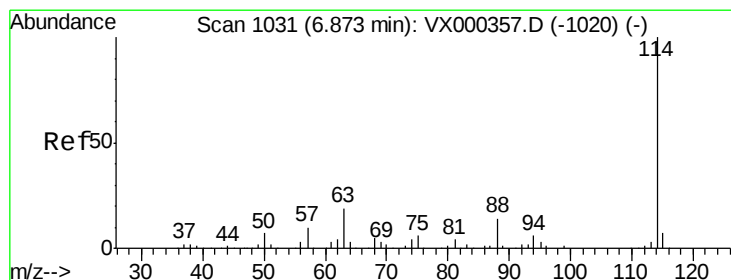
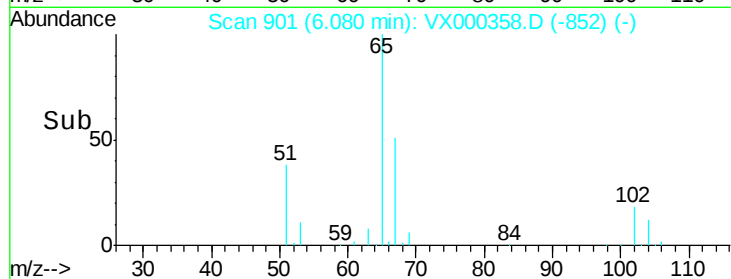
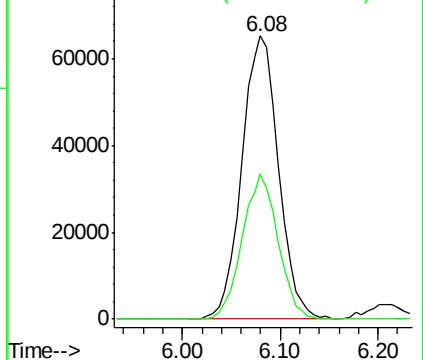
65 100

67 50.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

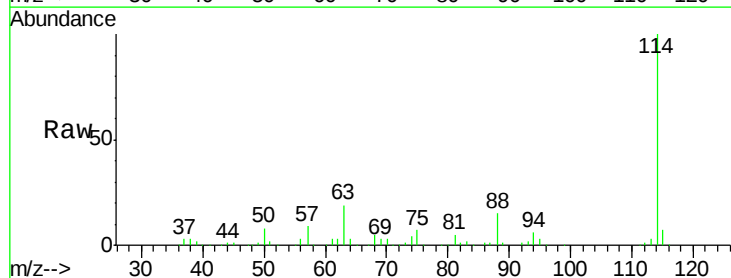
Tgt Ion: 114 Resp: 214226

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

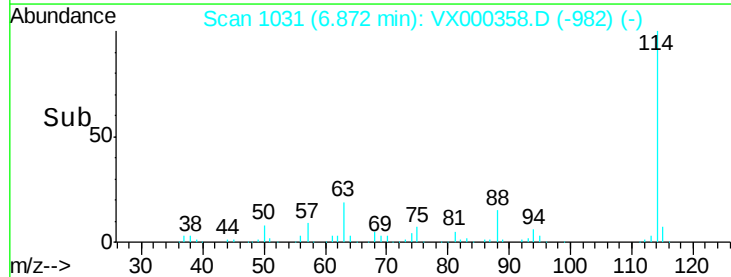
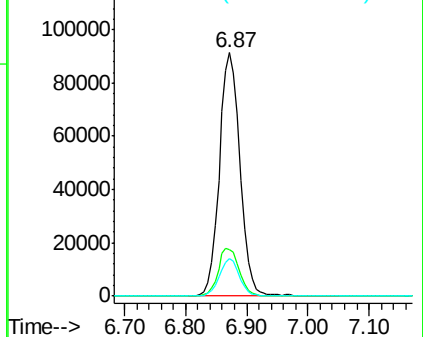
88 15.4 0.0 27.0

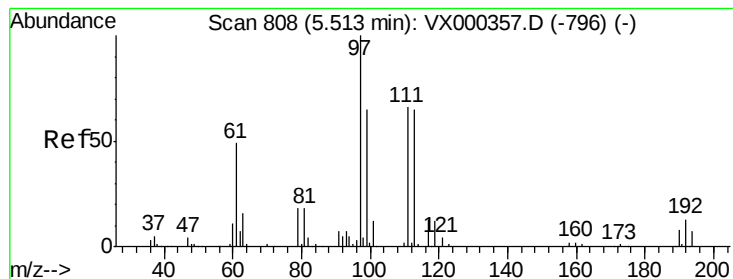


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 100.33 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

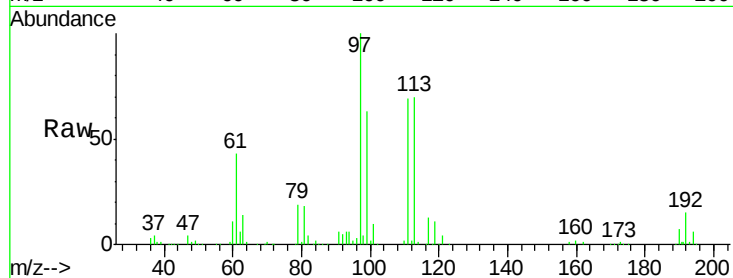
Tgt Ion:113 Resp: 135615

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

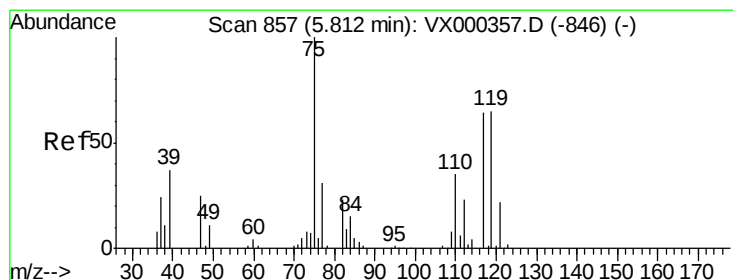
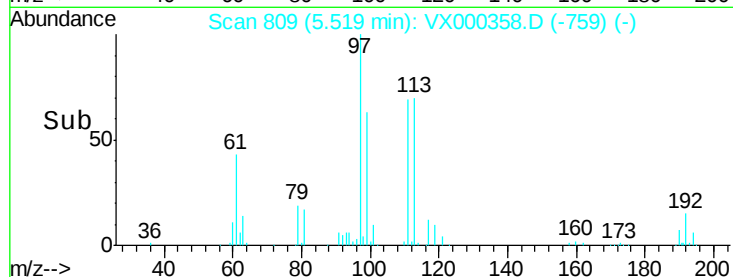
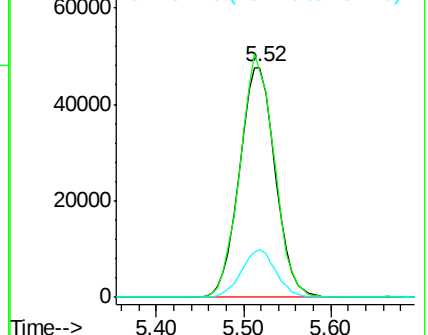
192 20.1 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 98.21 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

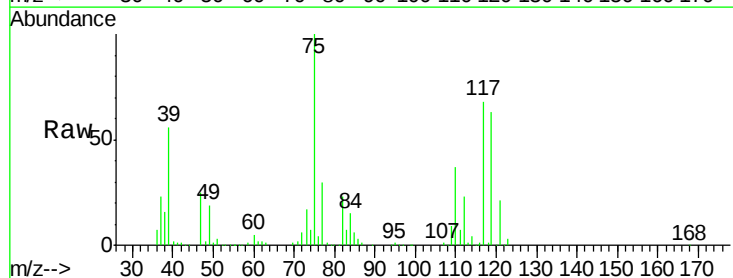
Tgt Ion: 75 Resp: 191161

Ion Ratio Lower Upper

75 100

110 36.7 17.9 53.7

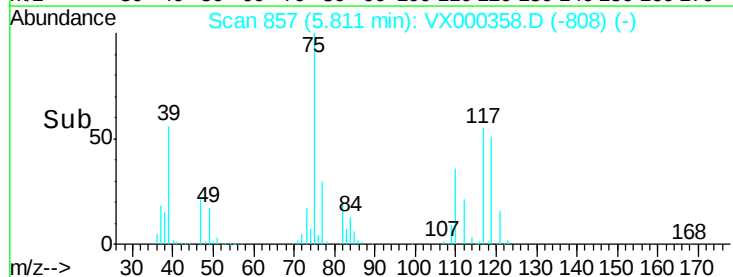
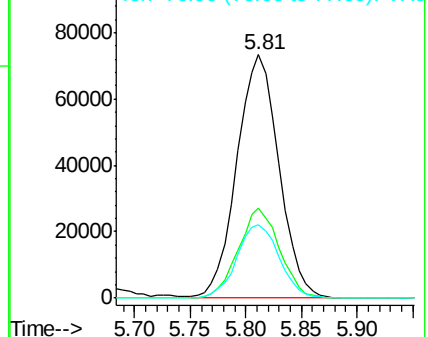
77 31.0 24.0 36.0

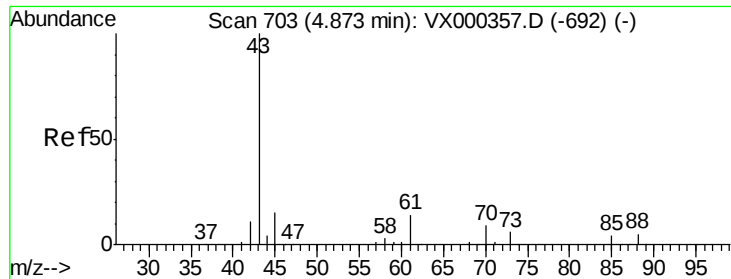


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

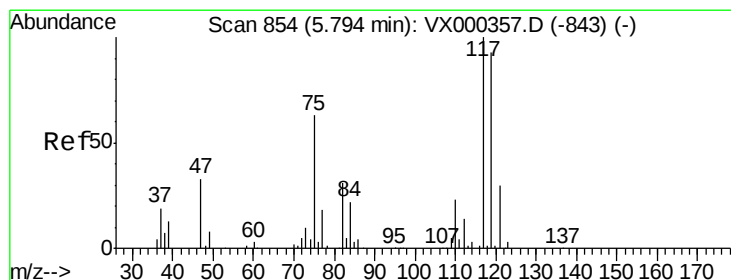
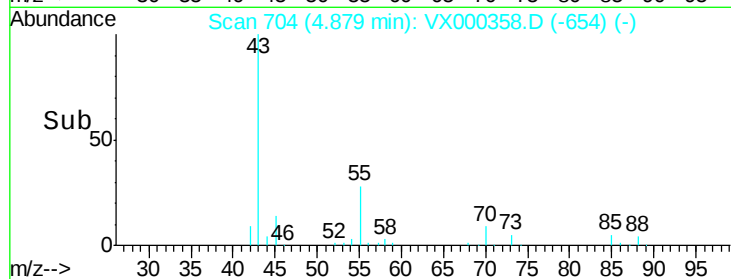
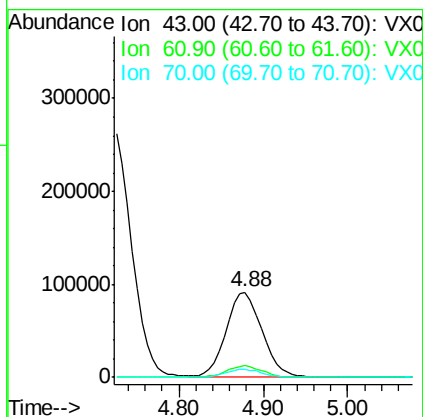
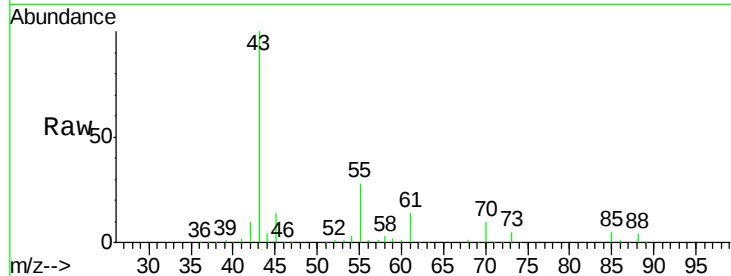




#37
Ethyl Acetate
Concen: 102.19 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

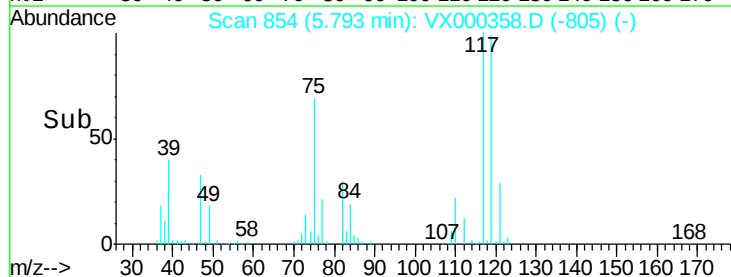
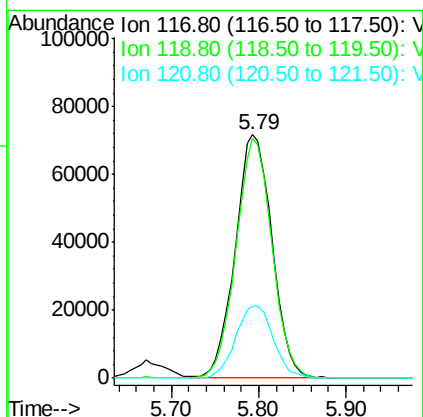
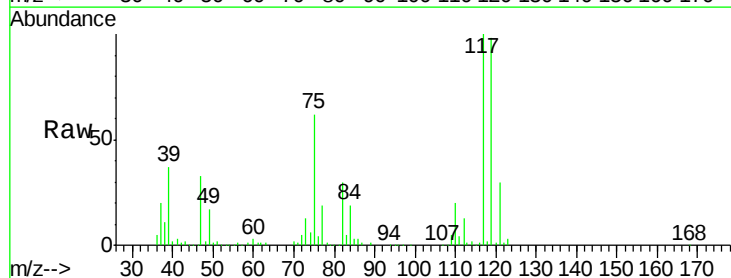
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

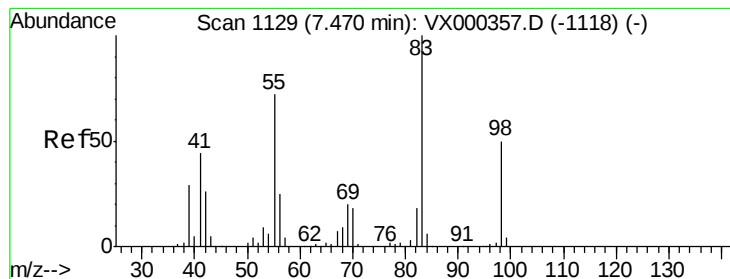
Tgt Ion: 43 Resp: 264365
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 107.04 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 117 Resp: 210050
Ion Ratio Lower Upper
117 100
119 98.5 77.4 116.2
121 29.6 24.8 37.2





#39

Methylcyclohexane

Concen: 106.46 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

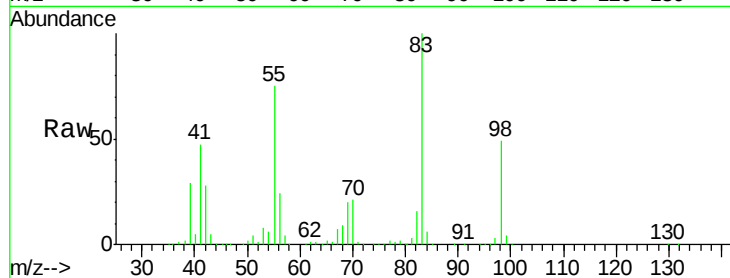
Tgt Ion: 83 Resp: 241699

Ion Ratio Lower Upper

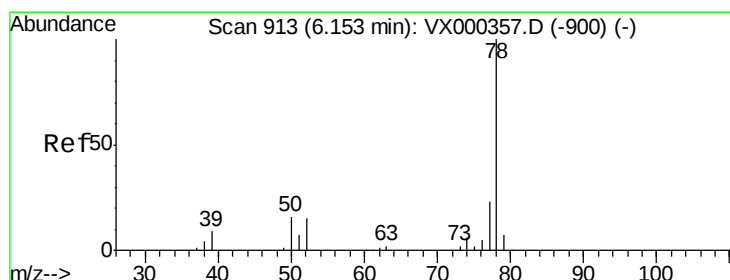
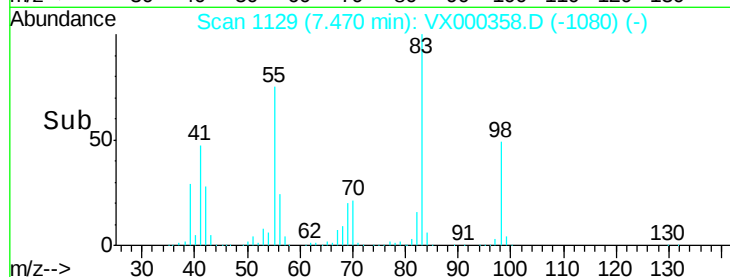
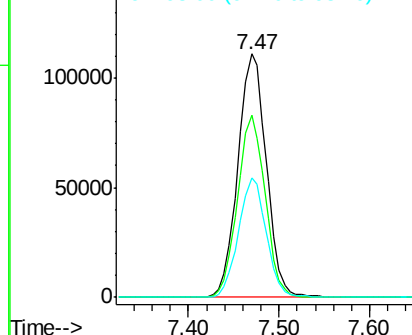
83 100

55 74.6 55.5 83.3

98 49.2 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 101.35 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000358.D

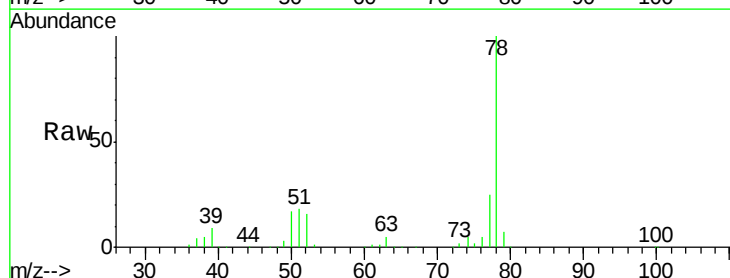
Acq: 20 Mar 2018 12:10

Tgt Ion: 78 Resp: 559674

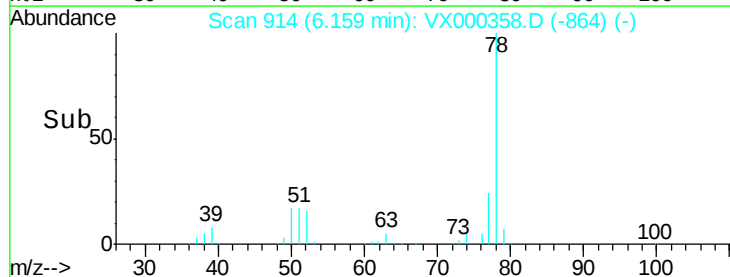
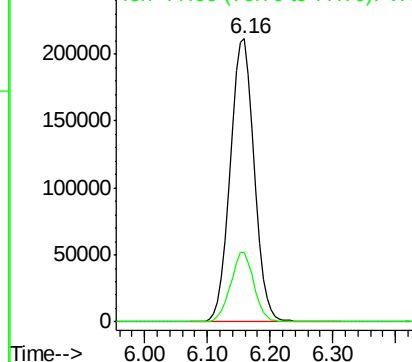
Ion Ratio Lower Upper

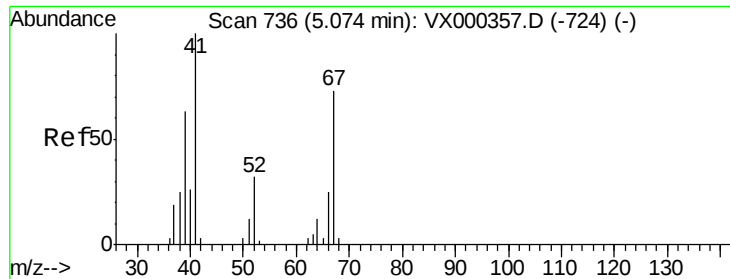
78 100

77 24.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 100.30 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 136244

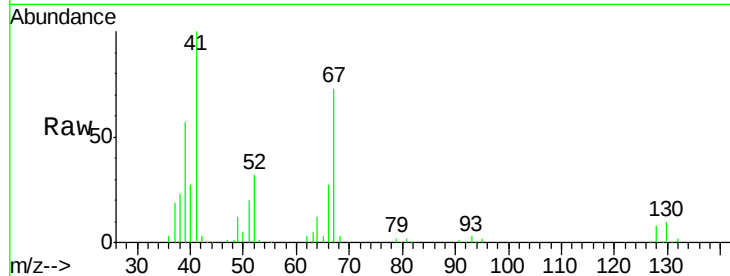
Ion Ratio Lower Upper

41 100

39 57.8 45.7 68.5

67 74.5 57.8 86.8

52 32.4 26.7 40.1



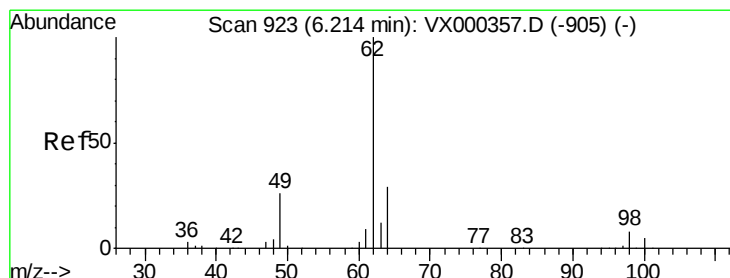
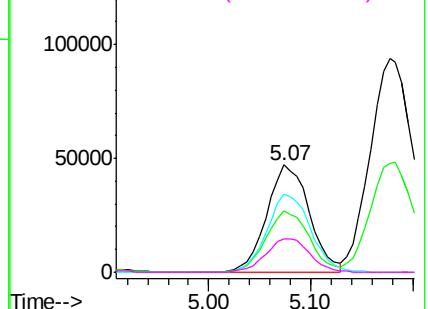
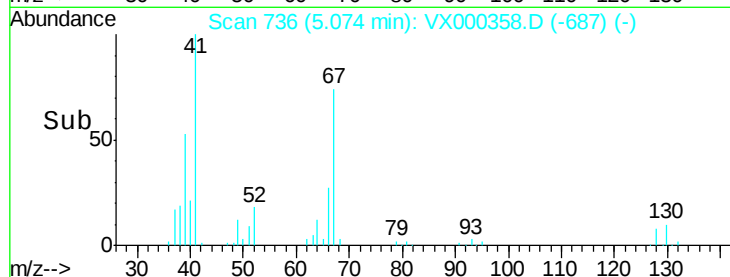
Abundance

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: 98.38 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000358.D

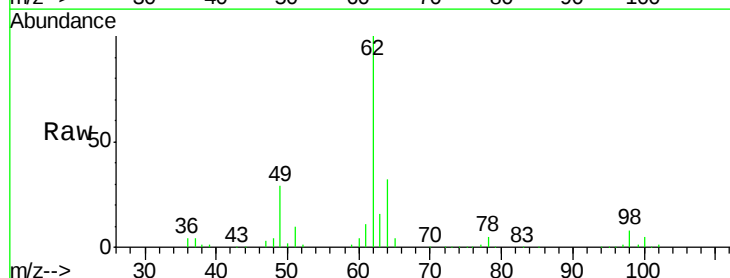
Acq: 20 Mar 2018 12:10

Tgt Ion: 62 Resp: 215329

Ion Ratio Lower Upper

62 100

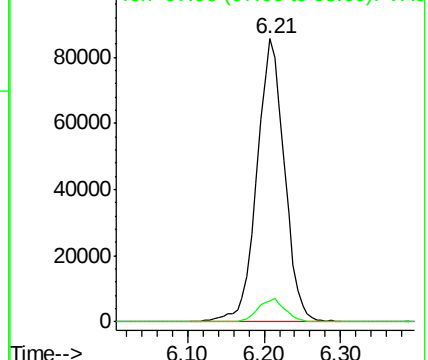
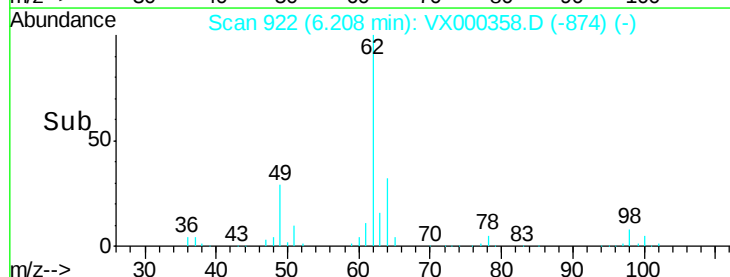
98 8.1 0.0 15.8



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 109.40 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

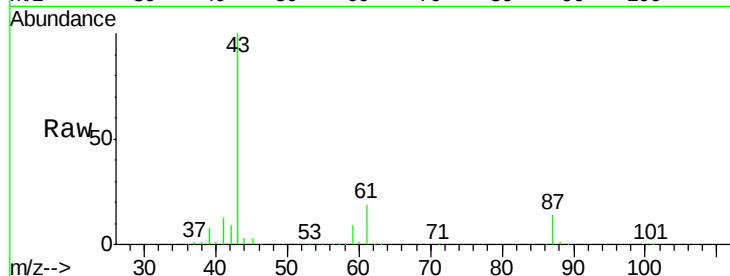
Tgt Ion: 43 Resp: 408470

Ion Ratio Lower Upper

43 100

61 18.6 14.4 21.6

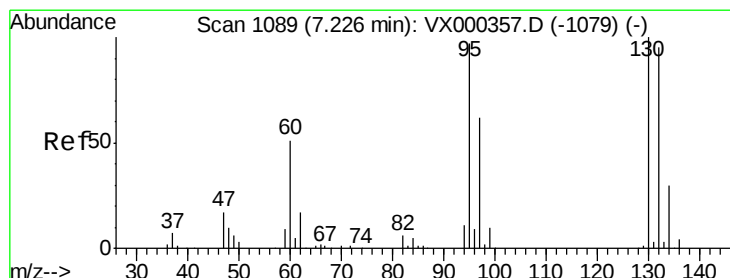
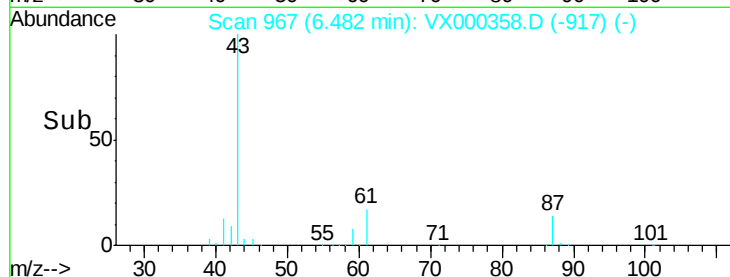
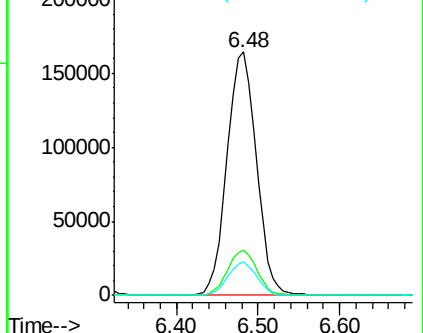
87 13.4 11.0 16.4



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: 97.23 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX000358.D

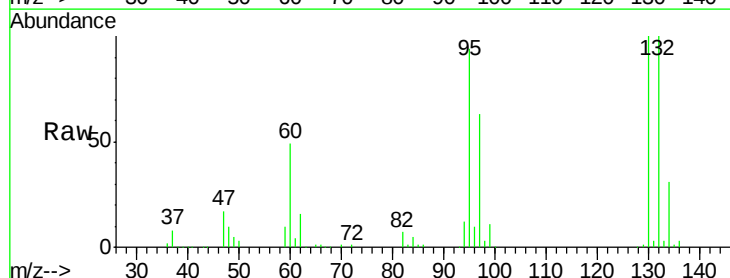
Acq: 20 Mar 2018 12:10

Tgt Ion:130 Resp: 155589

Ion Ratio Lower Upper

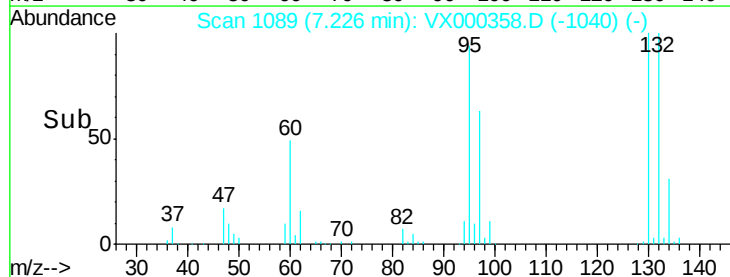
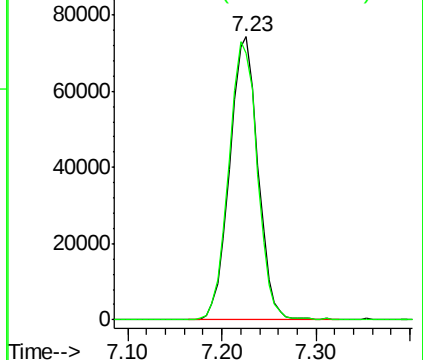
130 100

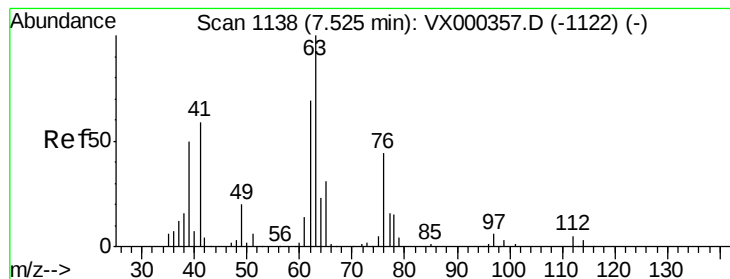
95 94.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 104.94 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

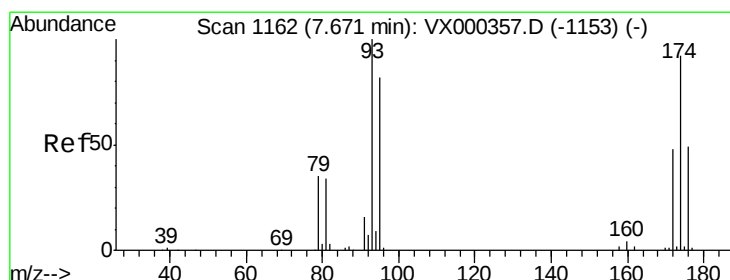
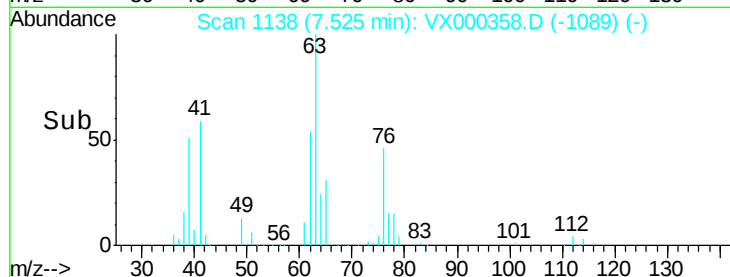
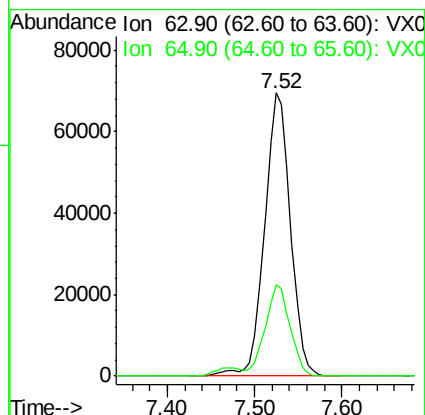
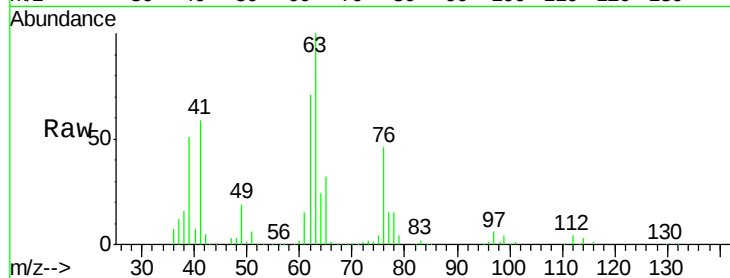
VSTDIC100

Tgt Ion: 63 Resp: 142913

Ion Ratio Lower Upper

63 100

65 32.1 24.6 36.8



#46

Dibromomethane

Concen: 99.73 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

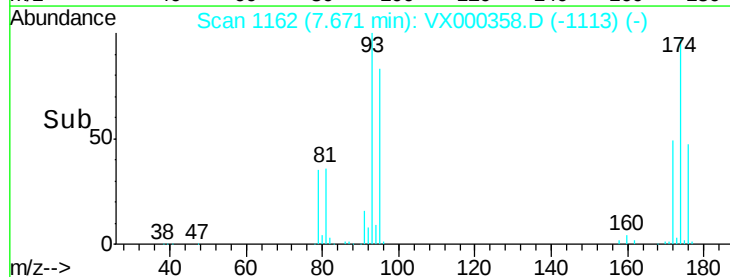
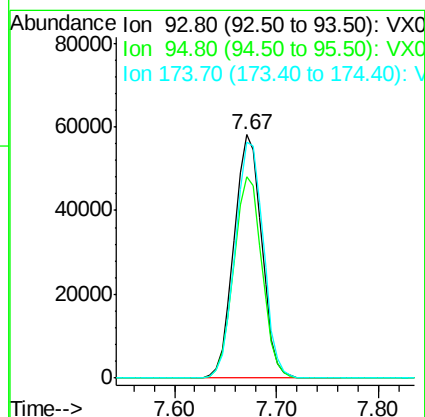
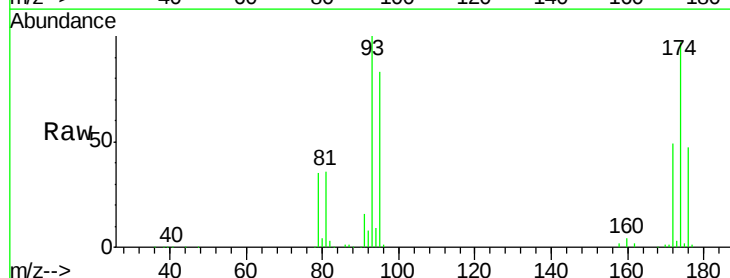
Tgt Ion: 93 Resp: 109109

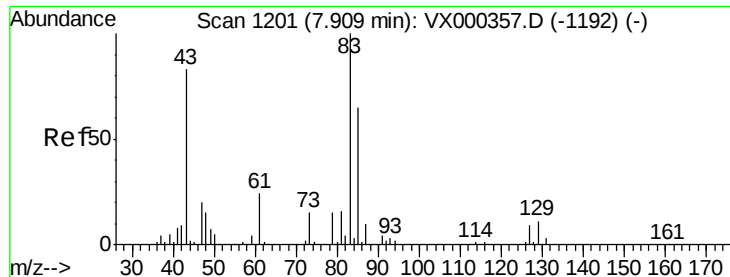
Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

174 98.7 76.0 114.0





#47

Bromodichloromethane

Concen: 108.39 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

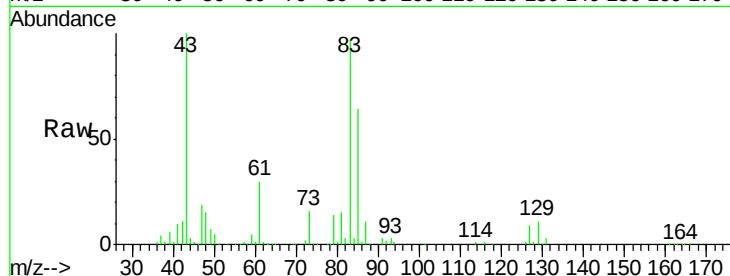
Tgt Ion: 83 Resp: 210508

Ion Ratio Lower Upper

83 100

85 65.9 51.4 77.0

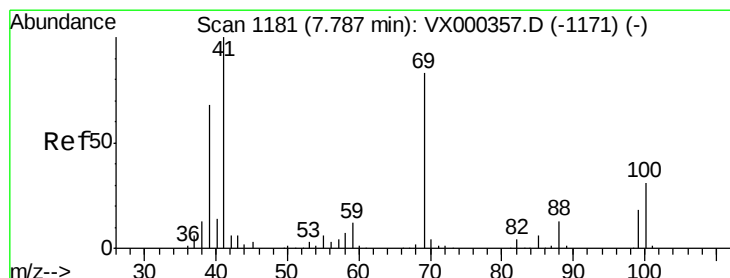
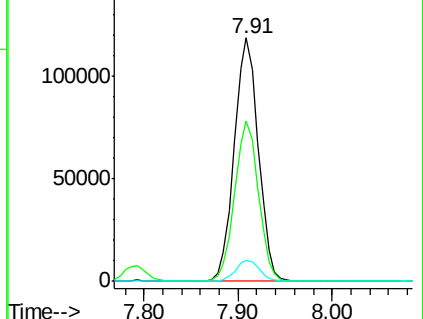
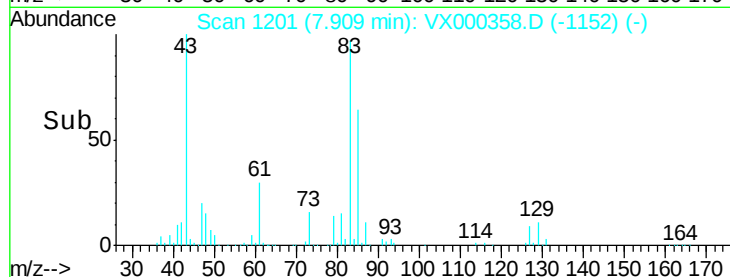
127 8.8 7.0 10.6



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: 105.95 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

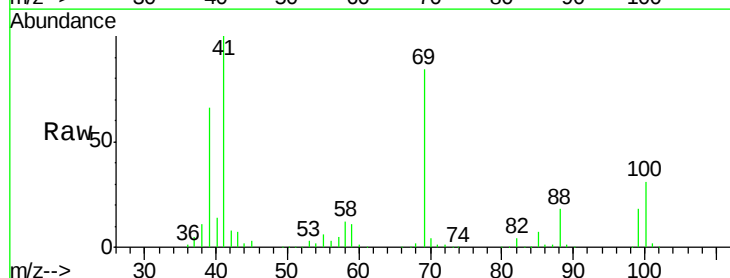
Tgt Ion: 41 Resp: 200022

Ion Ratio Lower Upper

41 100

69 85.2 68.2 102.4

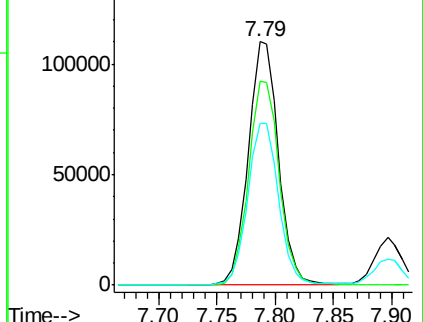
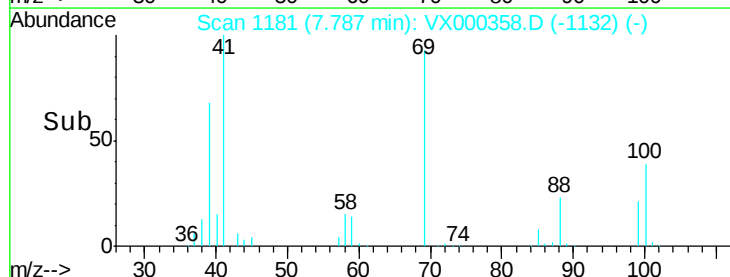
39 67.5 54.6 81.8

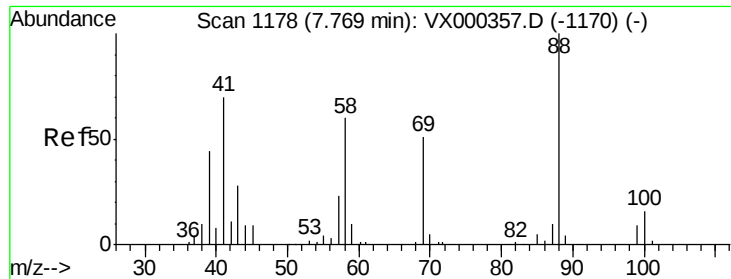


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

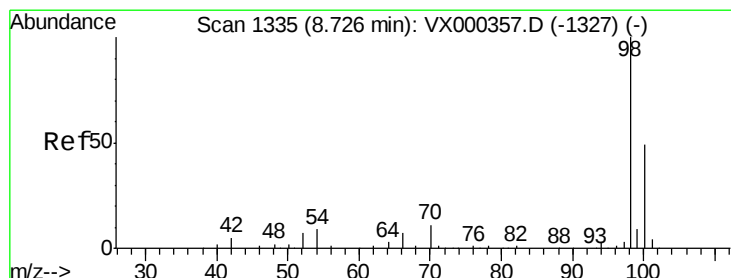
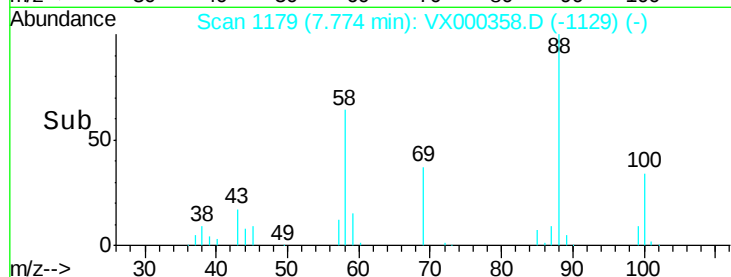
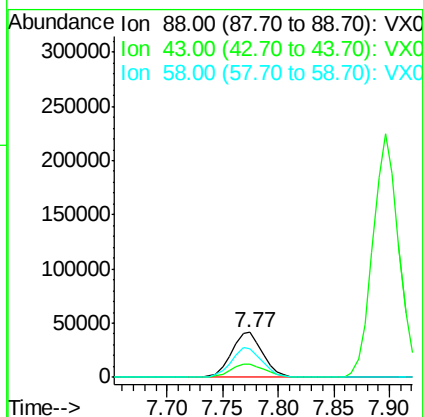
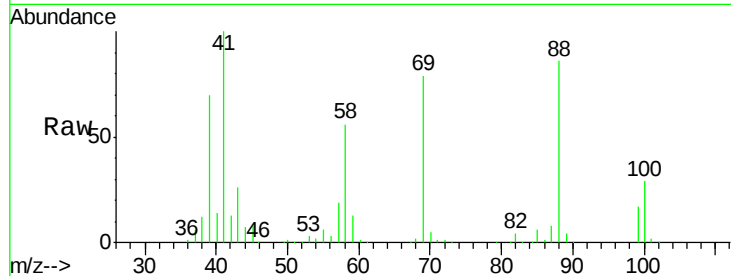




#49
 1,4-Dioxane
 Concen: 1889.29 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

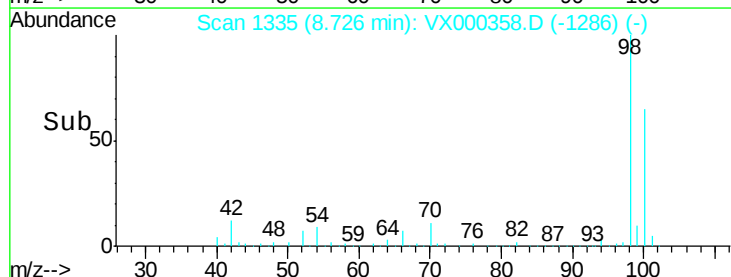
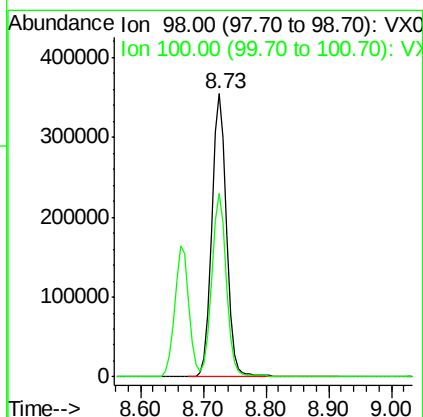
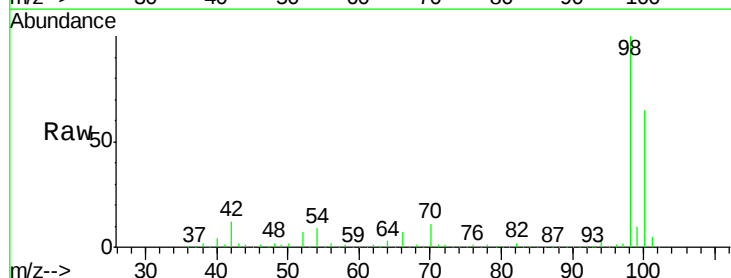
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 88 Resp: 80248
 Ion Ratio Lower Upper
 88 100
 43 33.3 26.8 40.2
 58 66.2 52.2 78.2



#50
 Toluene-d8
 Concen: 101.74 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion: 98 Resp: 573659
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 565.18 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

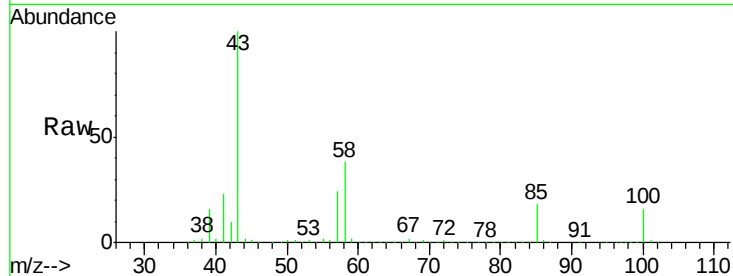
VSTDIC100

Tgt Ion: 43 Resp: 1638787

Ion Ratio Lower Upper

43 100

58 37.7 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

400000

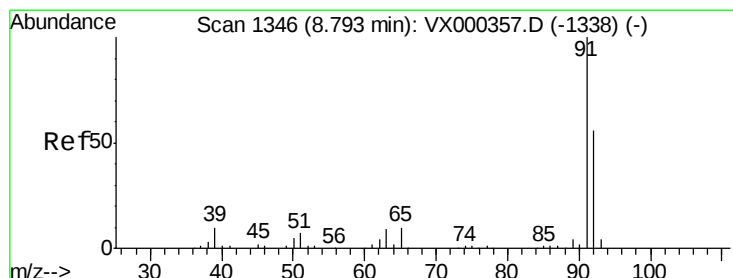
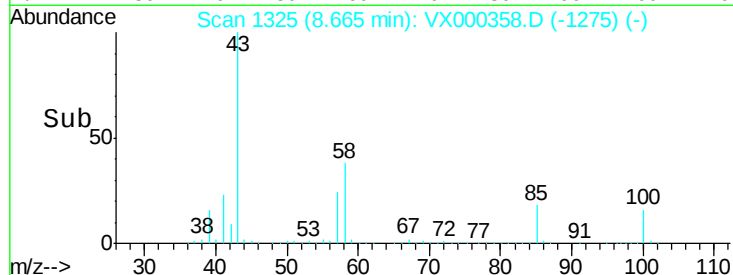
200000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 107.67 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000358.D

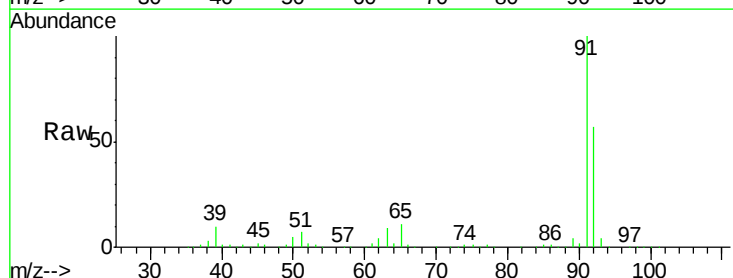
Acq: 20 Mar 2018 12:10

Tgt Ion: 92 Resp: 417686

Ion Ratio Lower Upper

92 100

91 174.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

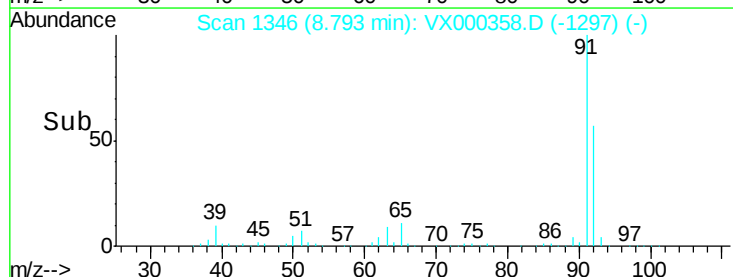
100000

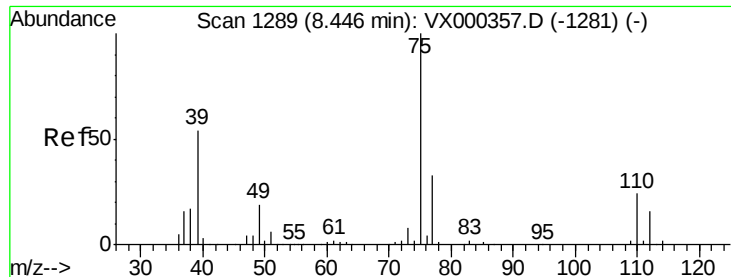
0

8.79

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 110.79 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

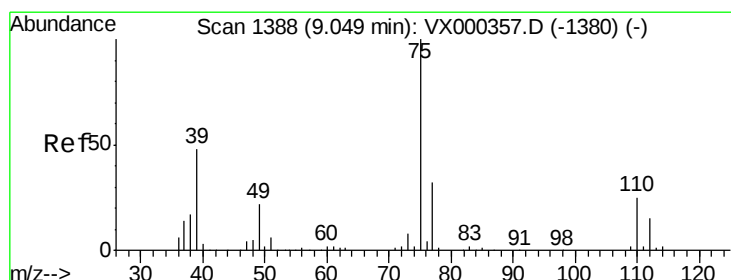
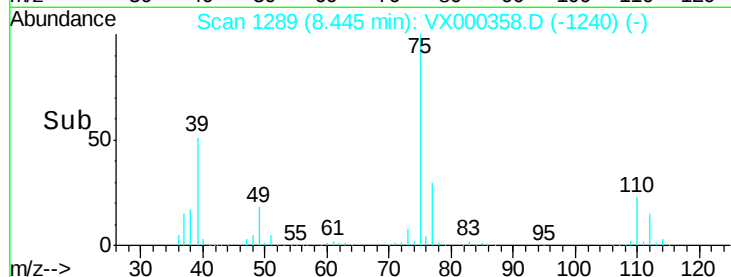
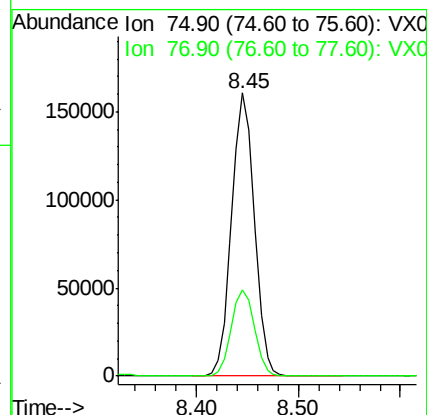
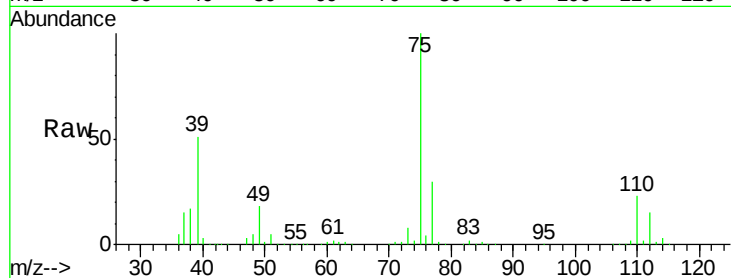
VSTDIC100

Tgt Ion: 75 Resp: 248332

Ion Ratio Lower Upper

75 100

77 30.3 24.0 36.0



#54

cis-1,3-Dichloropropene

Concen: 117.16 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

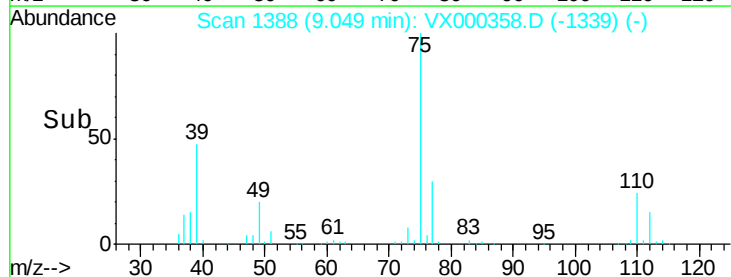
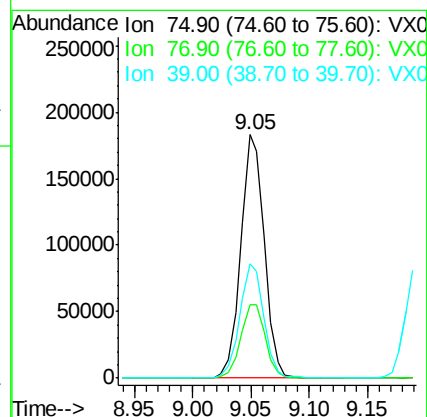
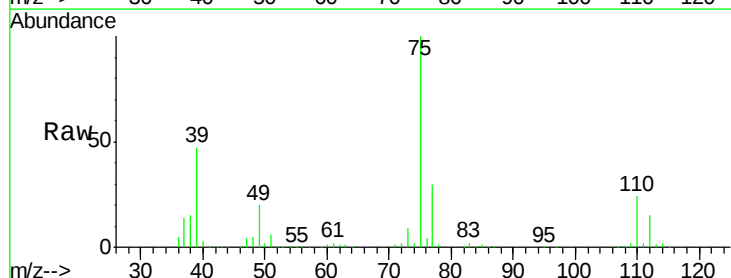
Tgt Ion: 75 Resp: 256817

Ion Ratio Lower Upper

75 100

77 29.9 26.1 39.1

39 47.0 39.8 59.6

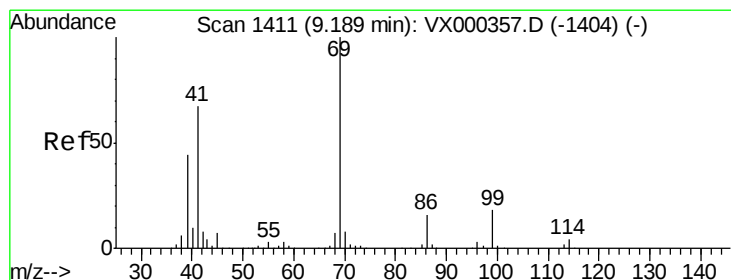
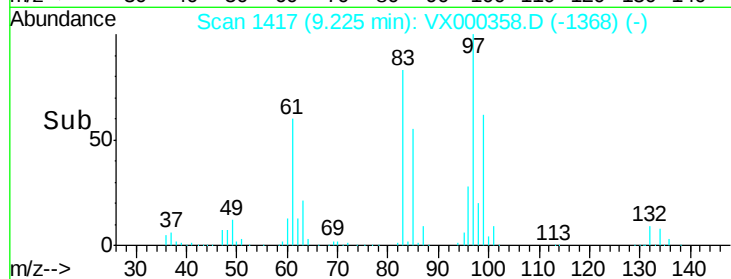
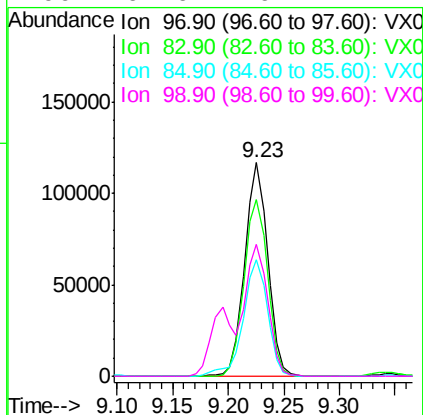
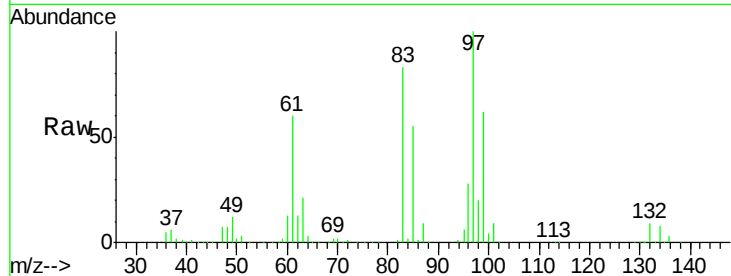




#55
 1,1,2-Trichloroethane
 Concen: 108.32 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

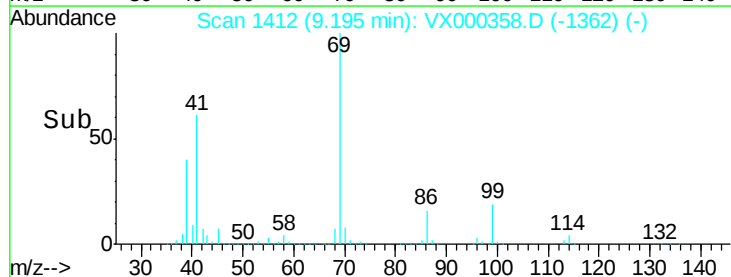
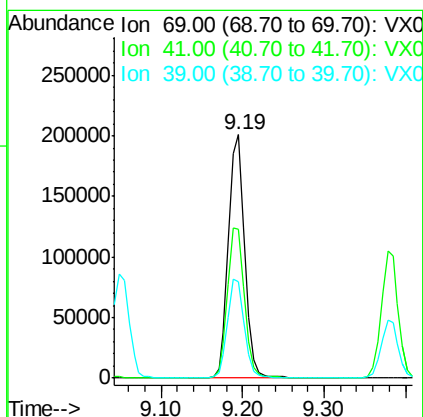
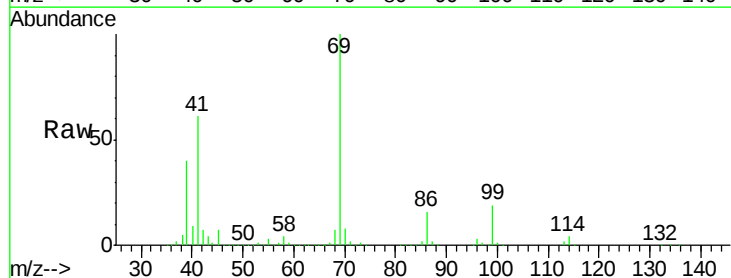
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

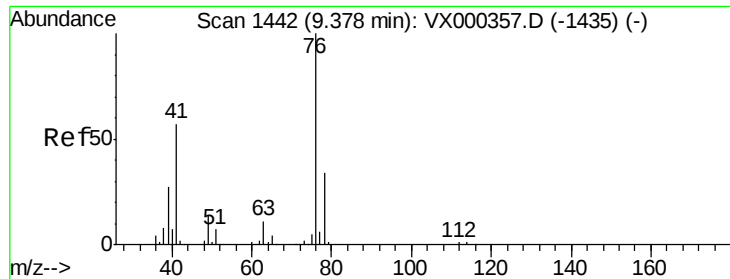
Tgt Ion:	97	Resp:	168591
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.9	101.9
85	54.5	42.8	64.2
99	61.6	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 118.93 ug/l
 RT: 9.19 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion:	69	Resp:	274097
Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.0	79.6
39	42.0	35.3	52.9

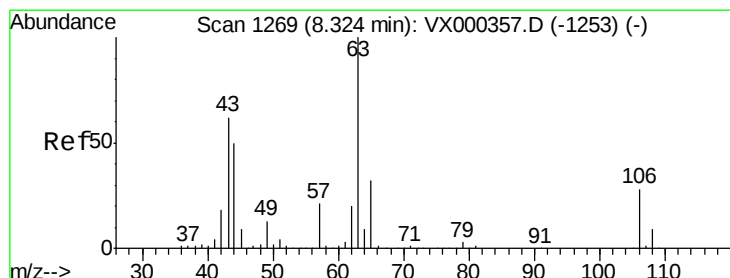
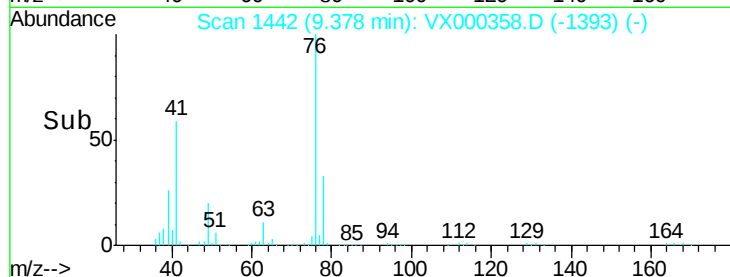
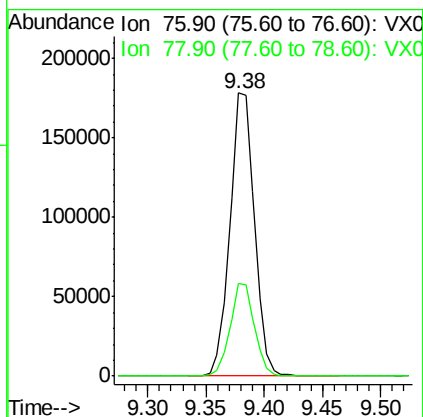
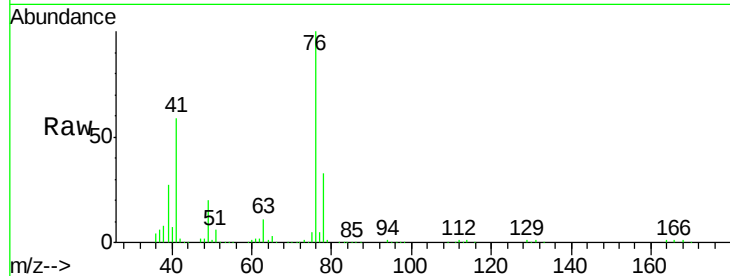




#57
 1,3-Dichloropropane
 Concen: 103.79 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

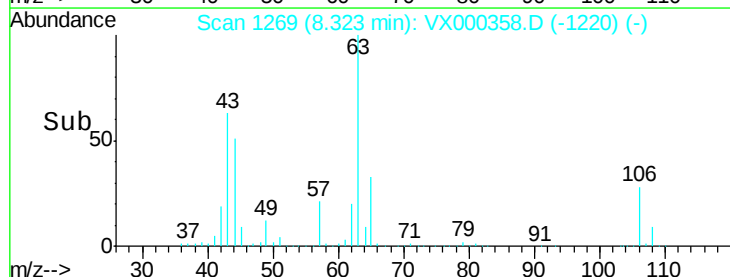
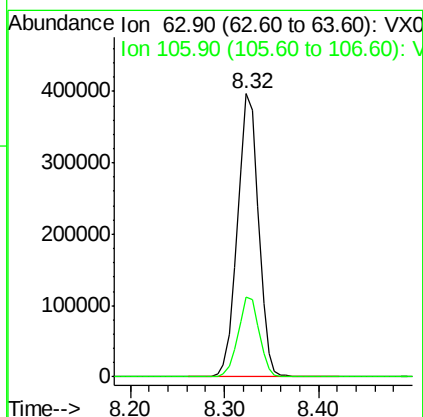
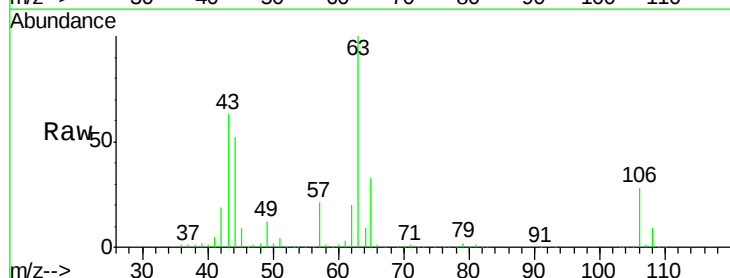
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 76 Resp: 261726
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 582.48 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion: 63 Resp: 617347
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

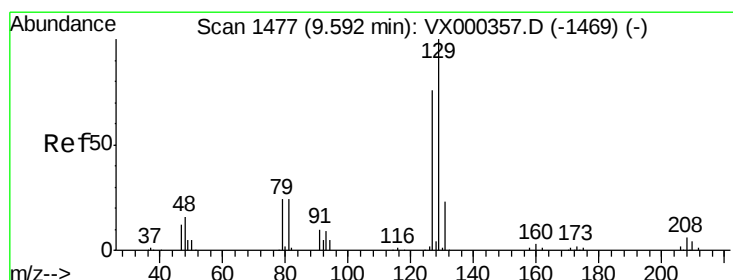
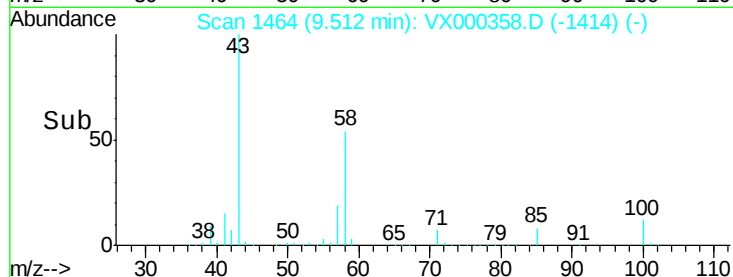
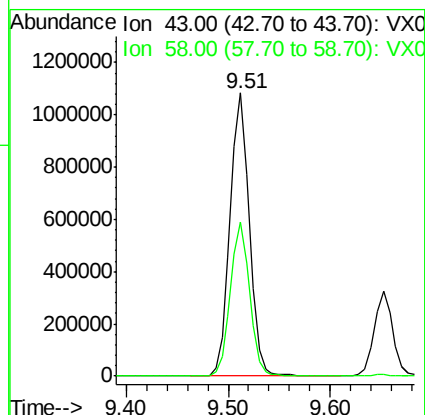
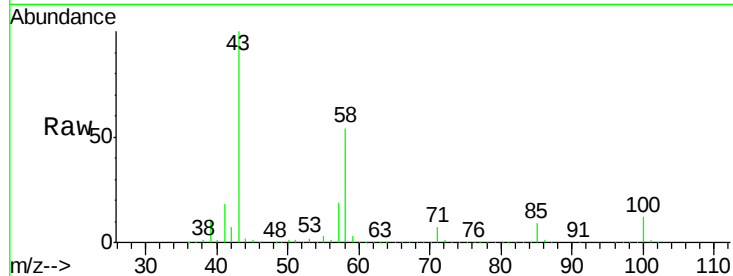




#59
2-Hexanone
Concen: 580.37 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

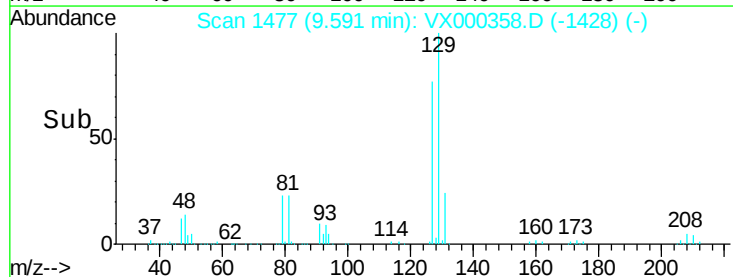
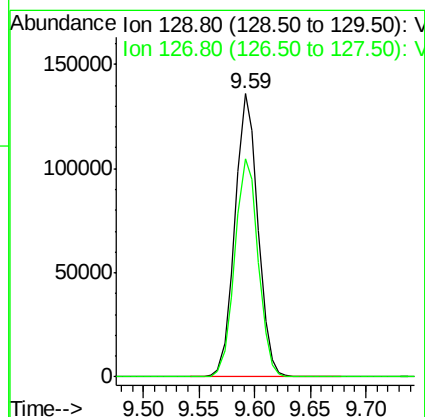
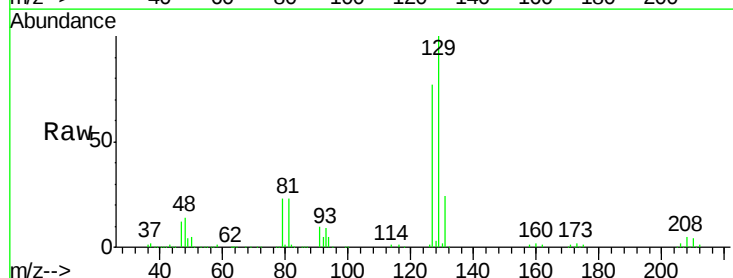
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

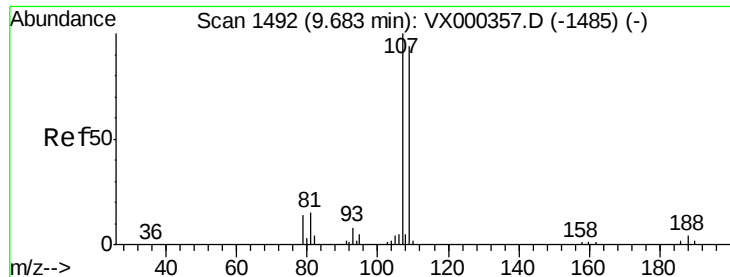
Tgt Ion: 43 Resp: 1417810
Ion Ratio Lower Upper
43 100
58 54.1 26.6 79.7



#60
Dibromochloromethane
Concen: 118.20 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 129 Resp: 194540
Ion Ratio Lower Upper
129 100
127 78.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 109.29 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

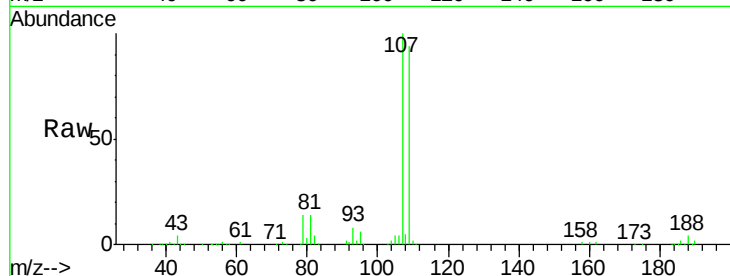
VSTDIC100

Tgt Ion: 107 Resp: 188569

Ion Ratio Lower Upper

107 100

109 93.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

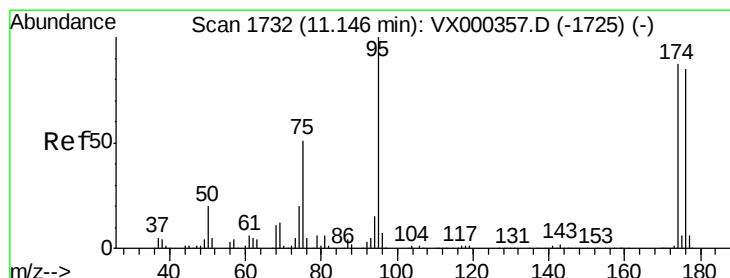
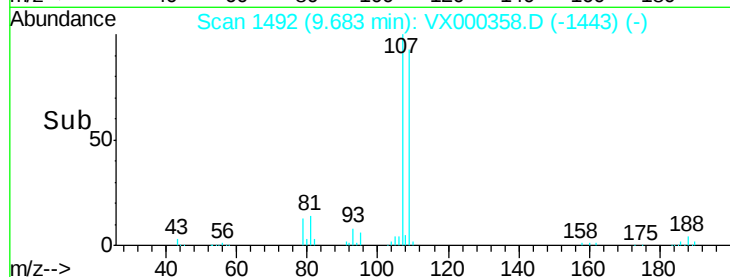
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 106.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

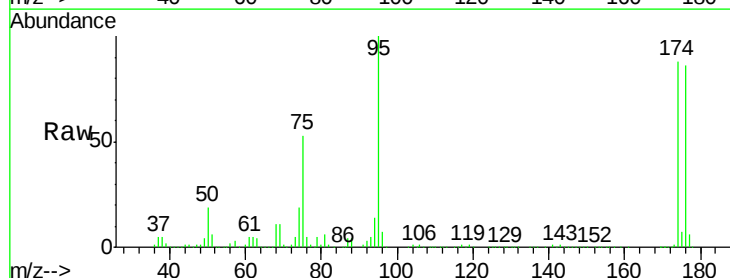
Tgt Ion: 95 Resp: 240459

Ion Ratio Lower Upper

95 100

174 89.6 0.0 173.6

176 87.5 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

250000

200000

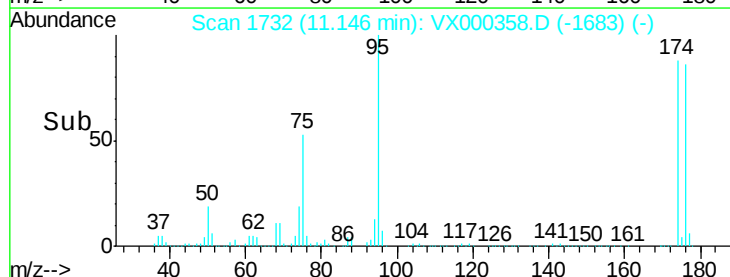
150000

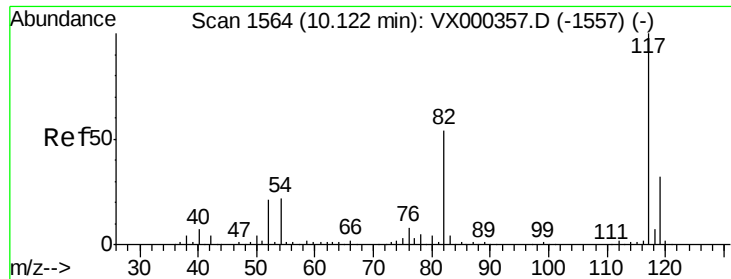
100000

50000

0

Time-->

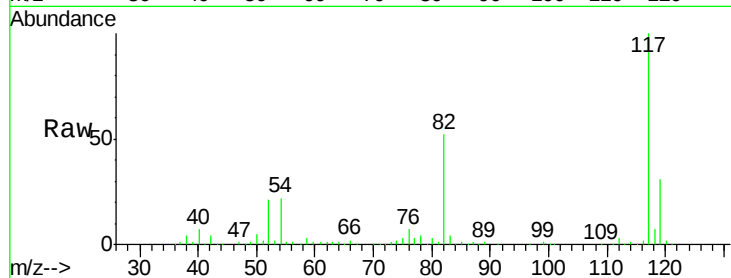




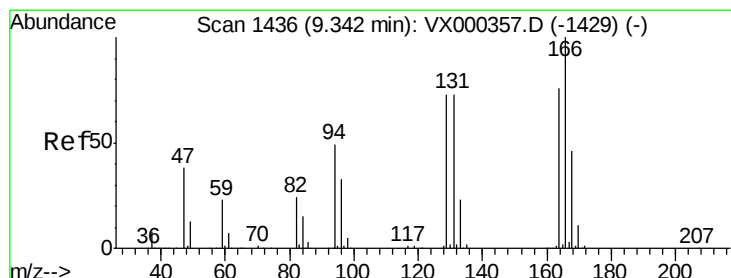
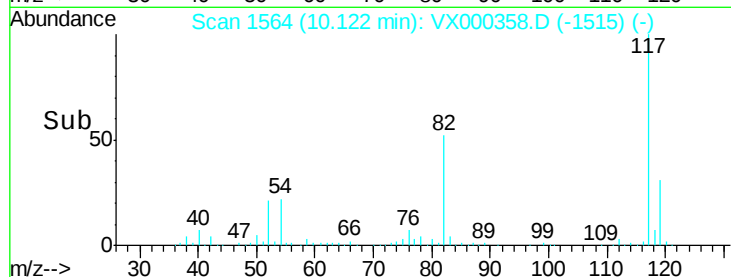
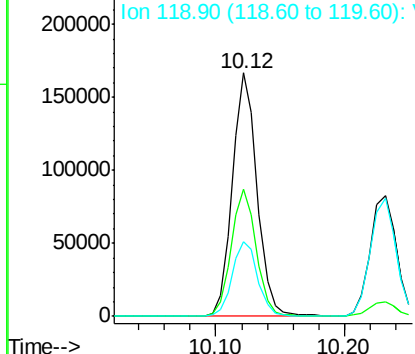
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tgt Ion:117 Resp: 223668
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.8
119 30.6 24.9 37.3



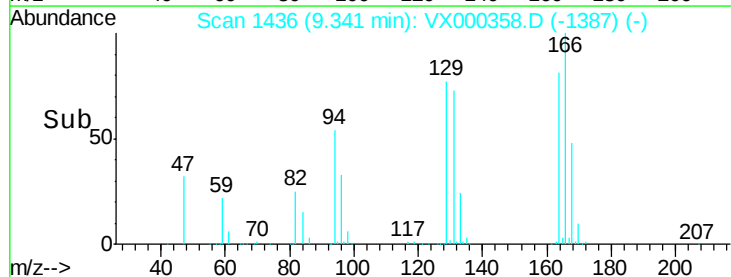
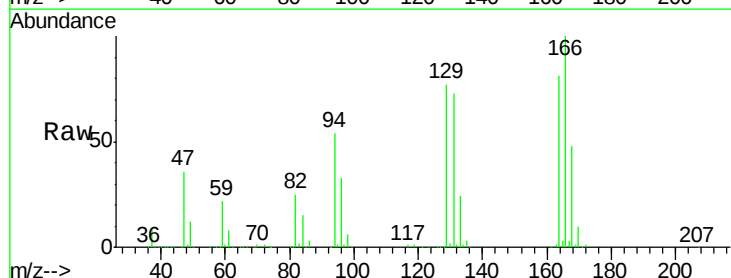
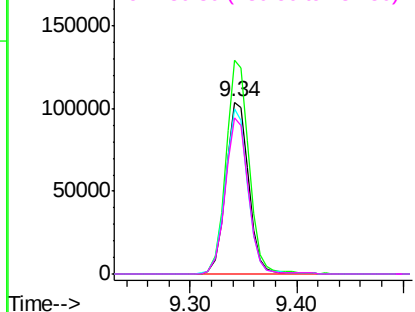
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

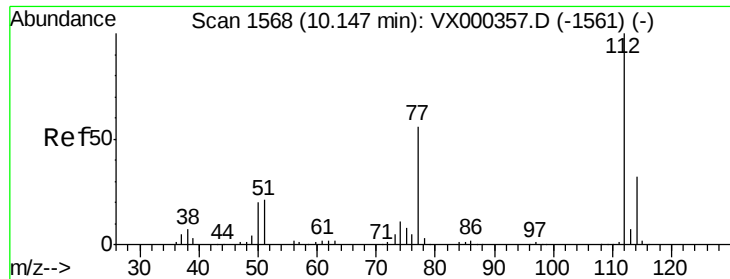


#64
Tetrachloroethene
Concen: 97.59 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion:164 Resp: 155891
Ion Ratio Lower Upper
164 100
166 124.2 101.0 151.6
129 96.1 79.0 118.4
131 90.7 71.9 107.9

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

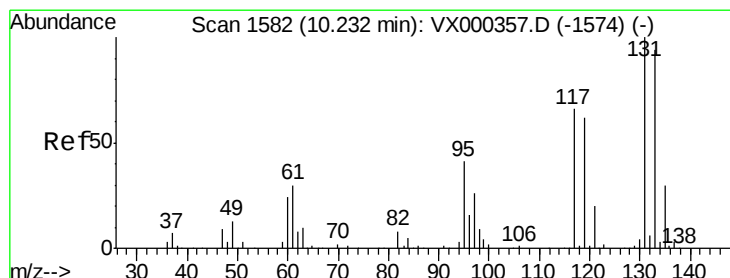
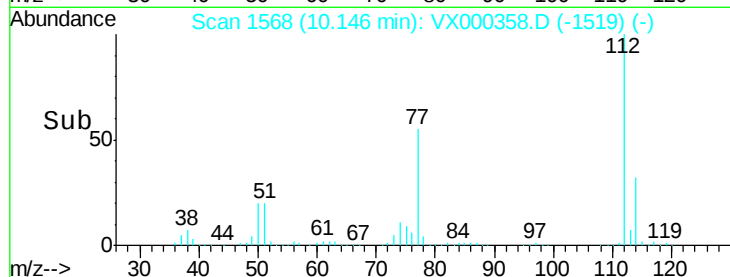
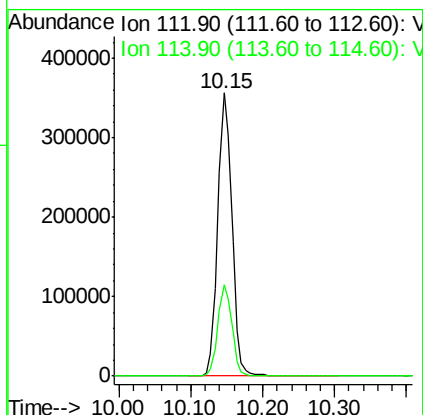
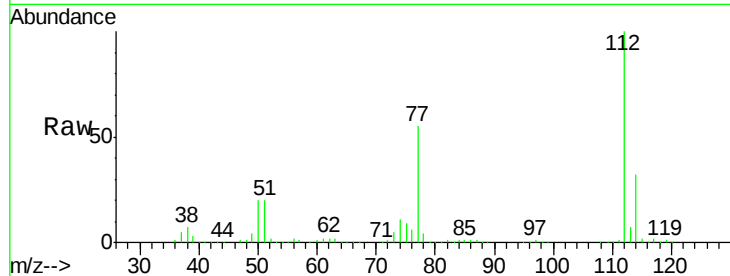




#65
Chlorobenzene
Concen: 106.48 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

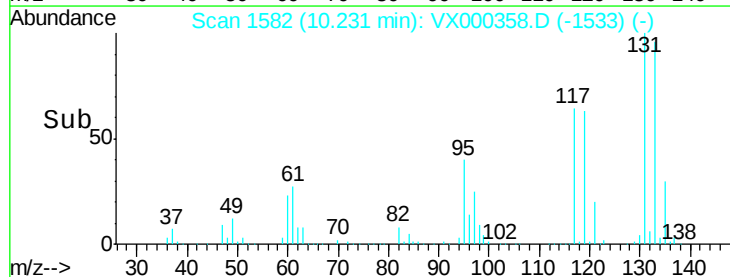
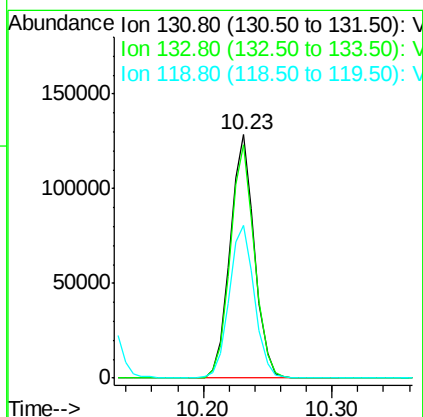
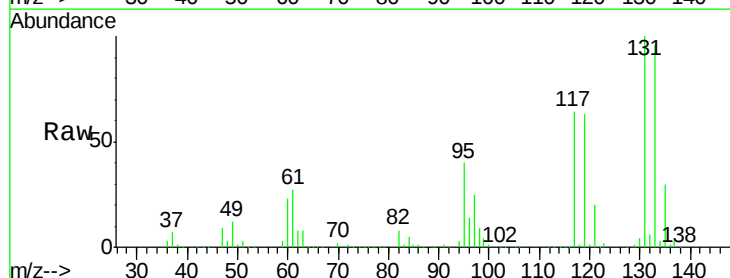
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

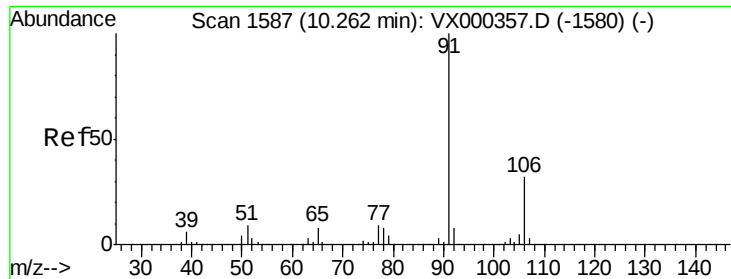
Tgt Ion:112 Resp: 485021
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 110.32 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion:131 Resp: 169008
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 65.3 33.1 99.2

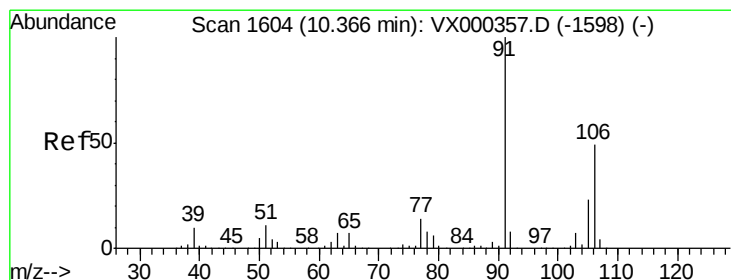
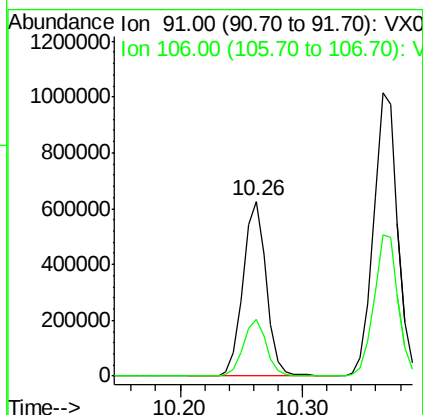
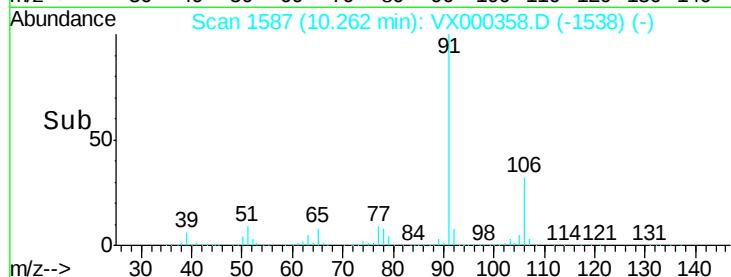
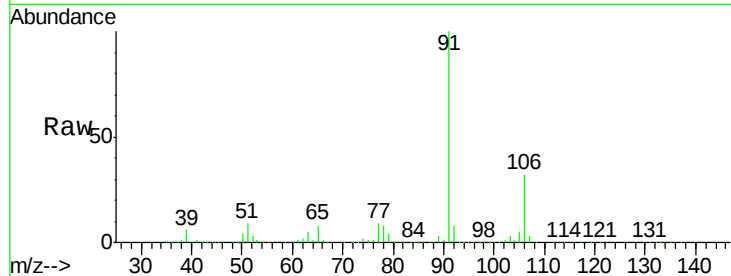




#67
Ethyl Benzene
Concen: 106.41 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

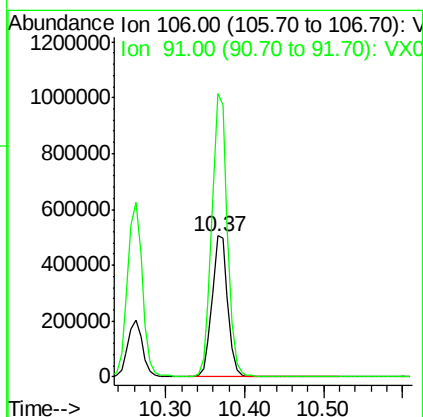
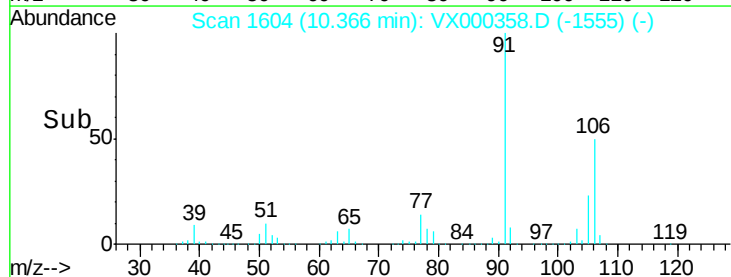
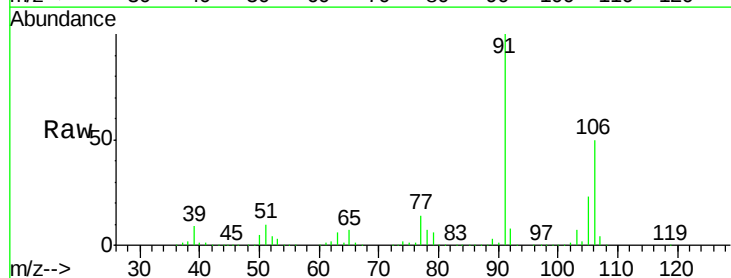
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

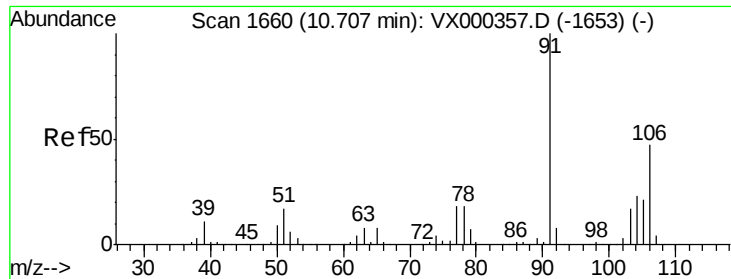
Tgt Ion: 91 Resp: 826308
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6



#68
m/p-Xylenes
Concen: 230.57 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 106 Resp: 697592
Ion Ratio Lower Upper
106 100
91 198.9 163.4 245.2

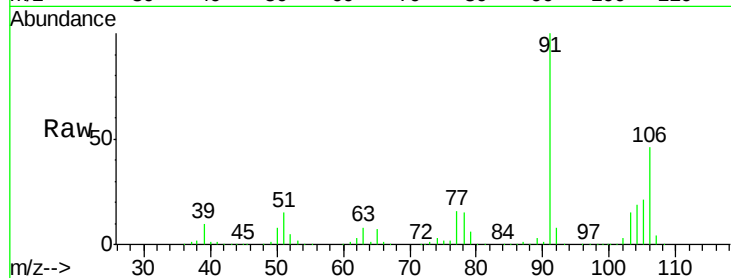




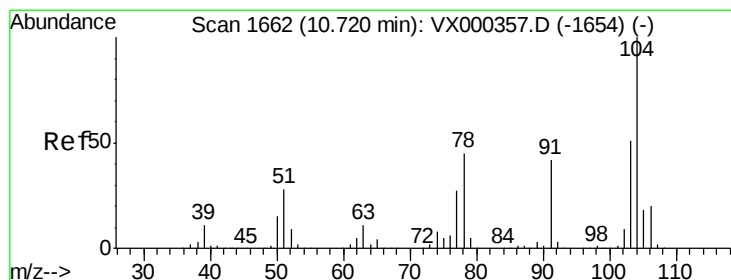
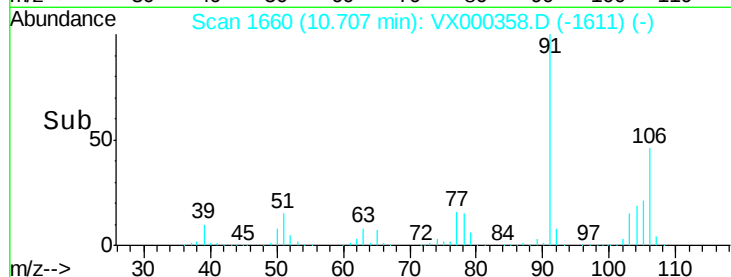
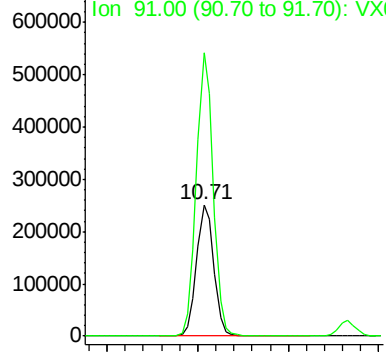
#69
o-Xylene
Concen: 113.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 333361
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6

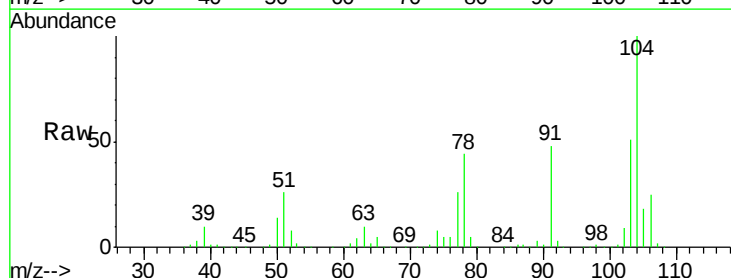


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

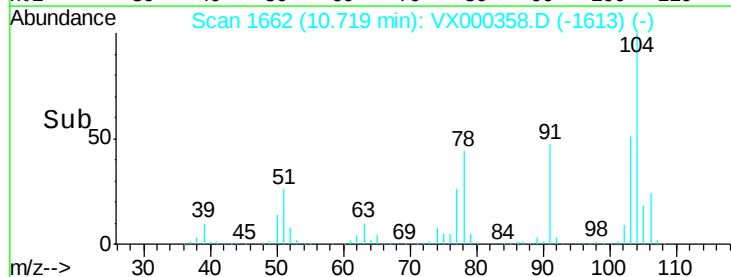
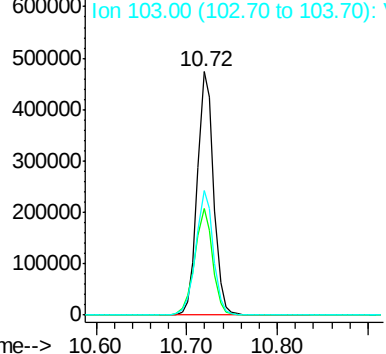


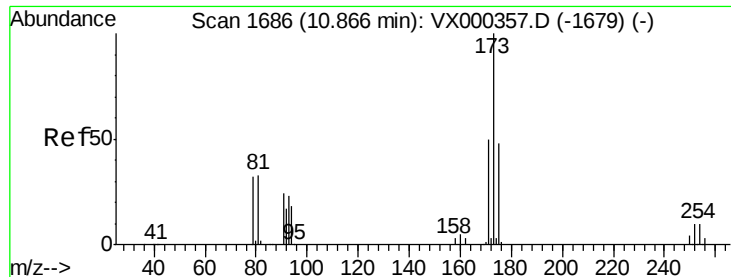
#70
Styrene
Concen: 121.66 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion:104 Resp: 593341
Ion Ratio Lower Upper
104 100
78 48.1 40.5 60.7
103 55.1 45.7 68.5



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: 128.31 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

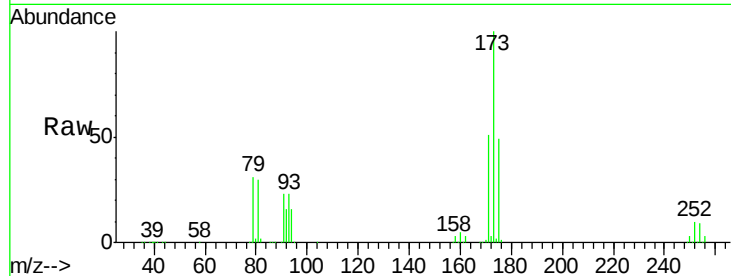
Tgt Ion:173 Resp: 171939

Ion Ratio Lower Upper

173 100

175 49.0 25.4 76.4

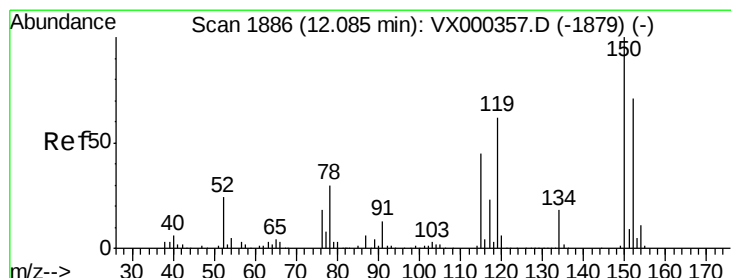
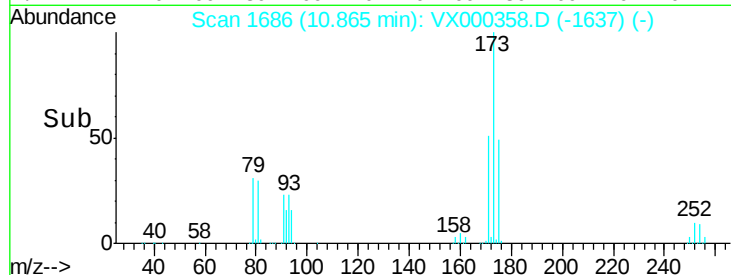
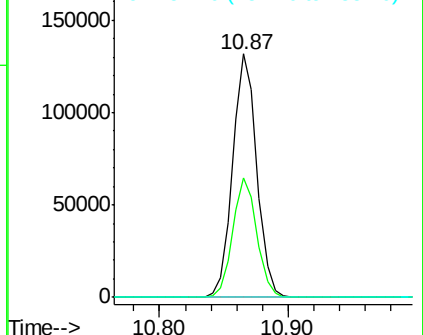
254 0.1 0.0 0.0#



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: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

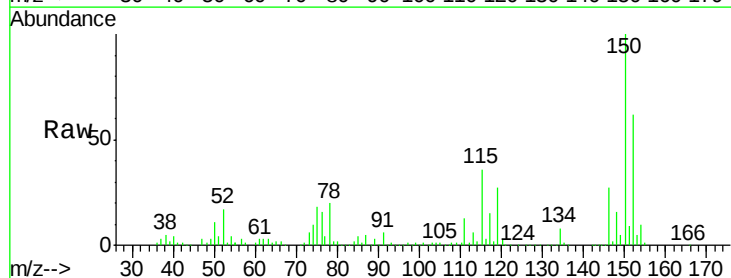
Tgt Ion:152 Resp: 151224

Ion Ratio Lower Upper

152 100

115 104.5 39.8 119.3

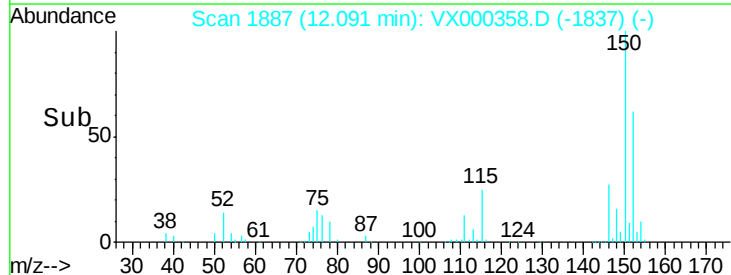
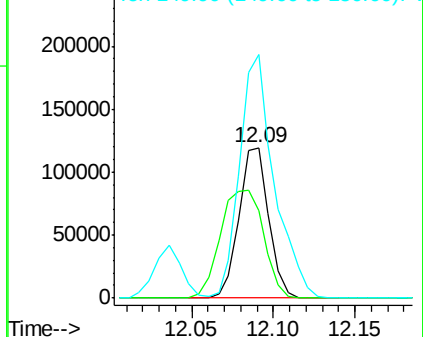
150 189.2 0.0 344.4



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: 104.14 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

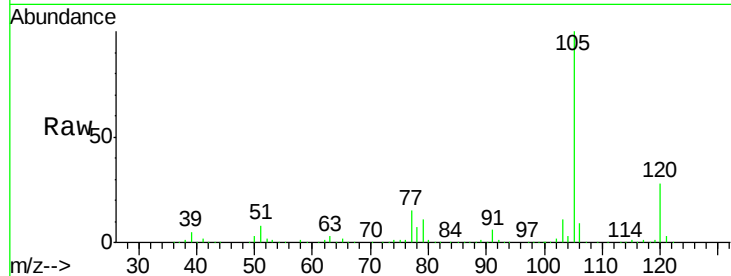
VSTDIC100

Tgt Ion:105 Resp: 948558

Ion Ratio Lower Upper

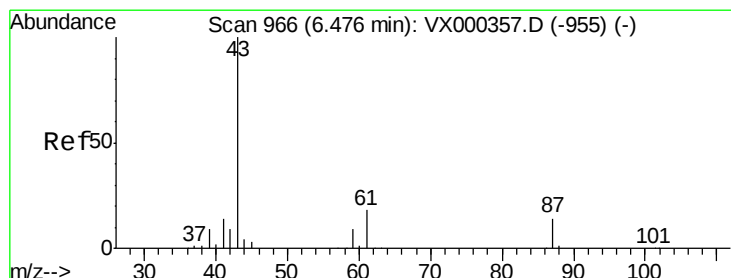
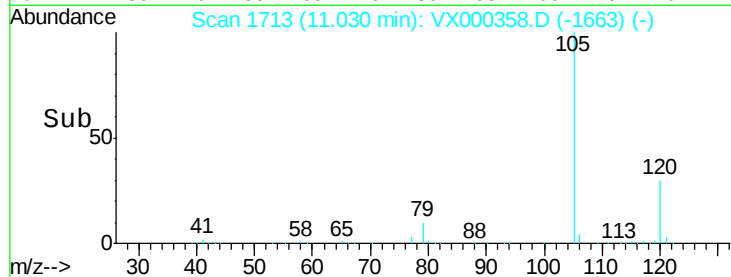
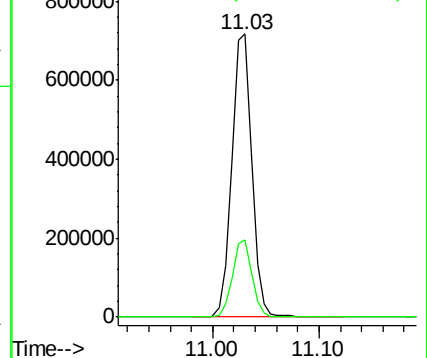
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 93.68 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Tgt Ion: 43 Resp: 408470

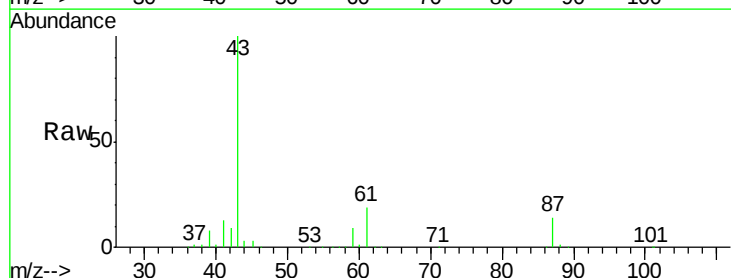
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 14.4 21.6

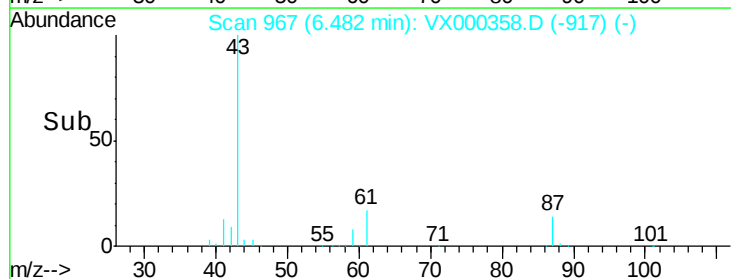
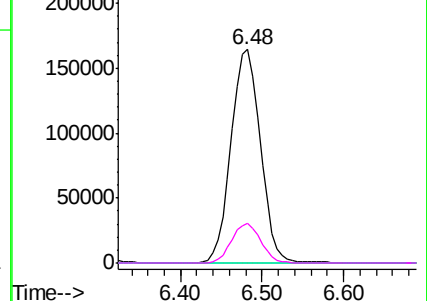


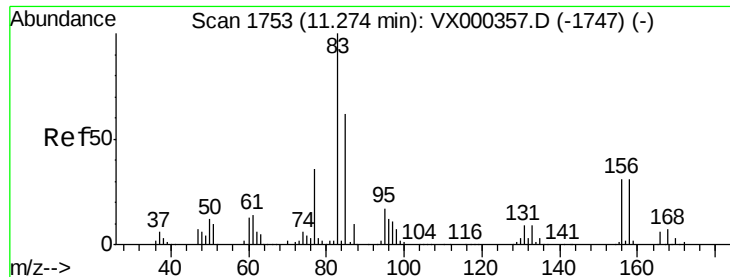
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 102.39 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

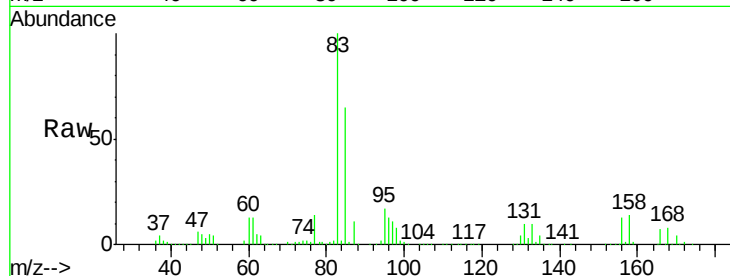
Tgt Ion: 83 Resp: 331995

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

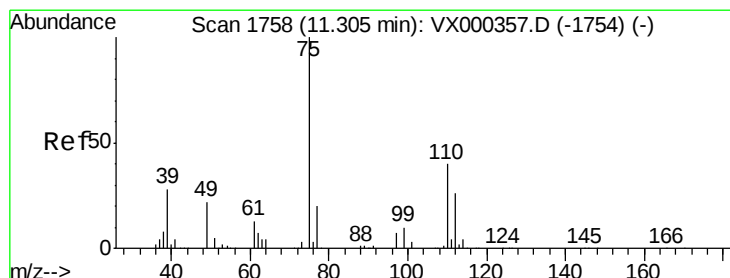
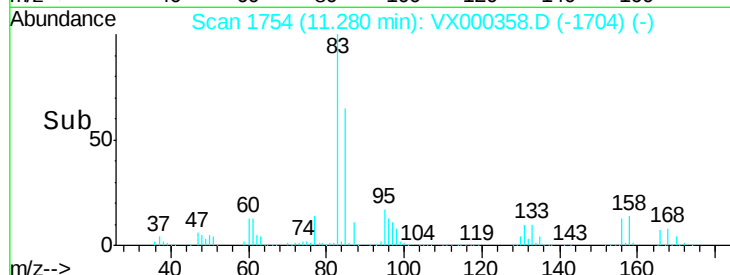
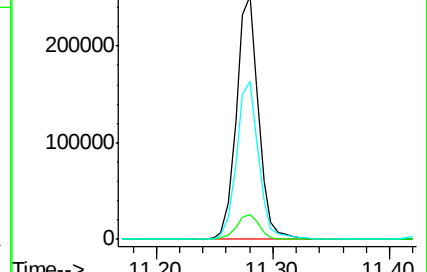
85 64.8 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 131.08 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000358.D

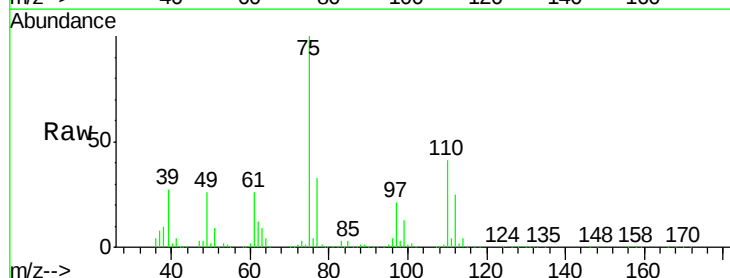
Acq: 20 Mar 2018 12:10

Tgt Ion: 75 Resp: 399026

Ion Ratio Lower Upper

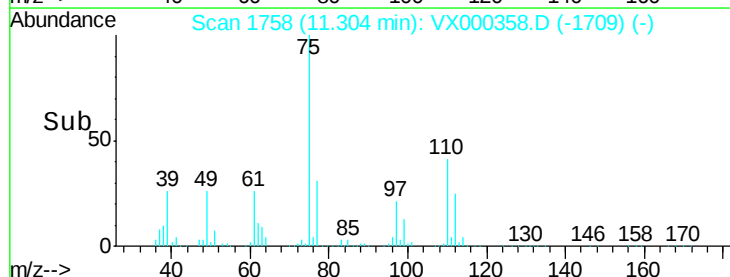
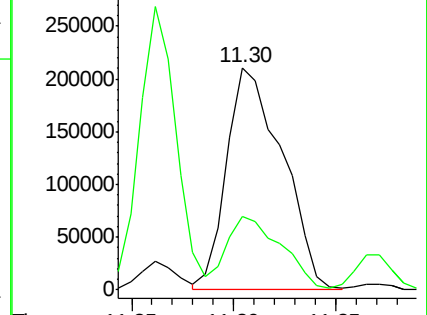
75 100

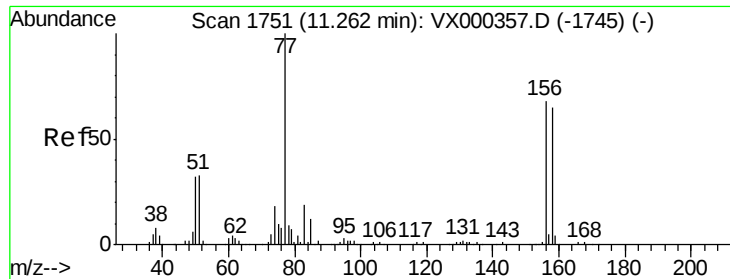
77 32.7 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 100.37 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

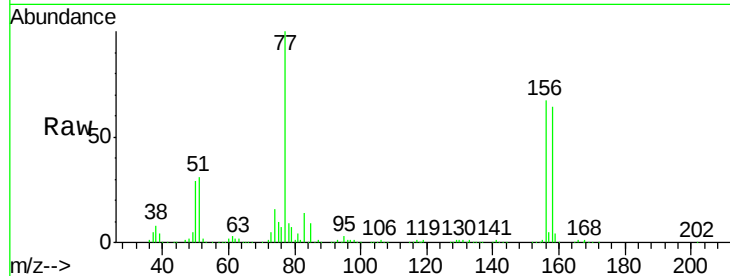
Tgt Ion:156 Resp: 239955

Ion Ratio Lower Upper

156 100

77 140.1 73.4 220.2

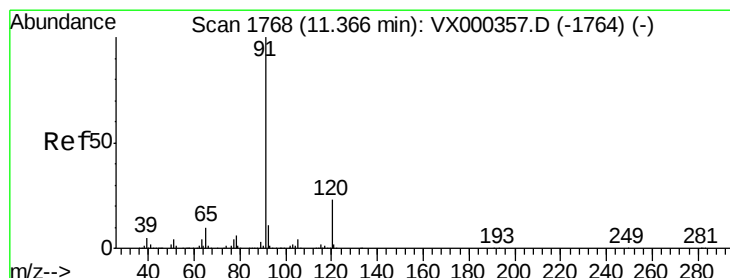
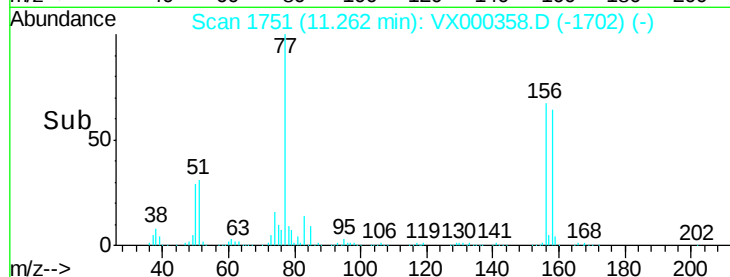
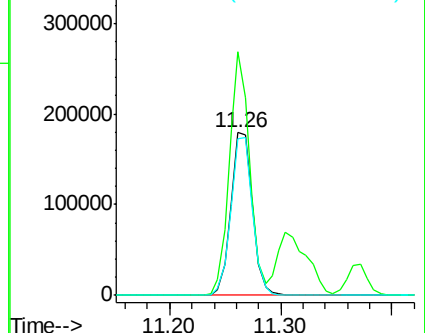
158 97.4 48.5 145.6



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: 99.89 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000358.D

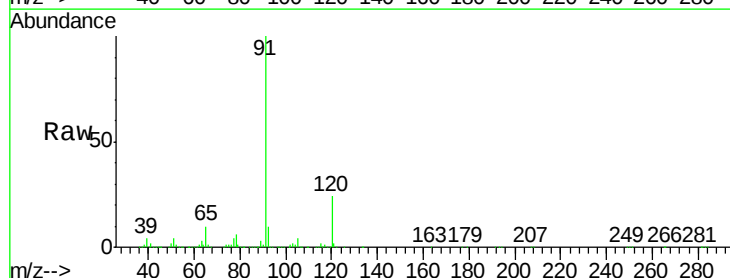
Acq: 20 Mar 2018 12:10

Tgt Ion: 91 Resp: 1097061

Ion Ratio Lower Upper

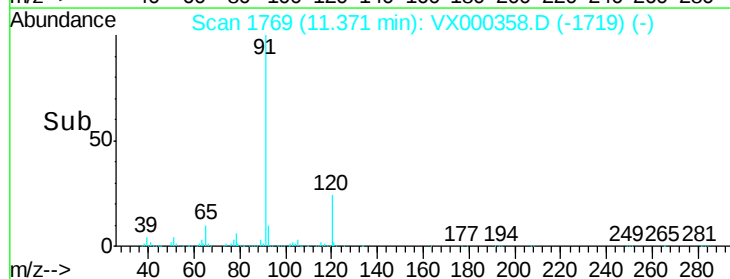
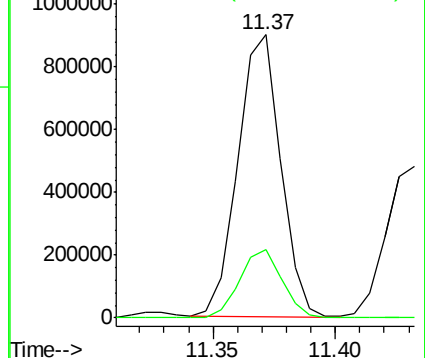
91 100

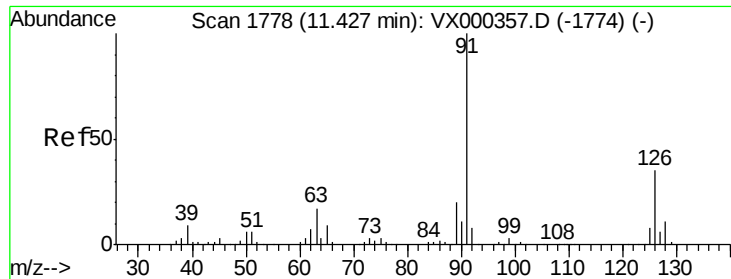
120 24.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.15 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

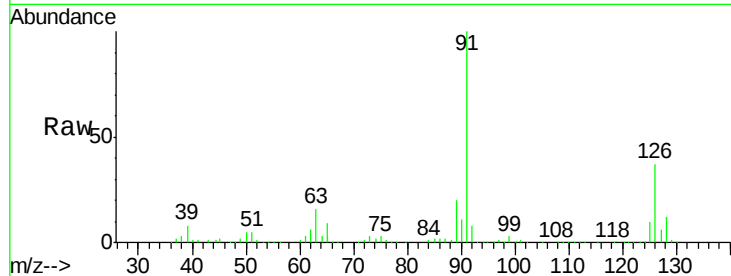
VSTDICC100

Tgt Ion: 91 Resp: 617927

Ion Ratio Lower Upper

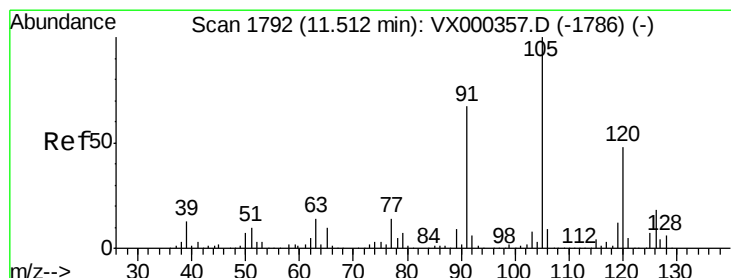
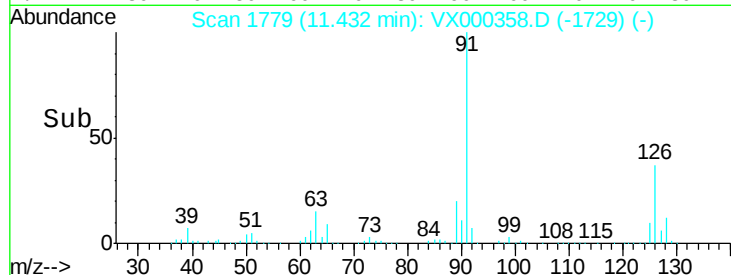
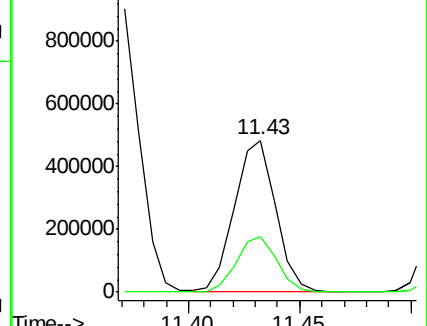
91 100

126 36.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 105.55 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX000358.D

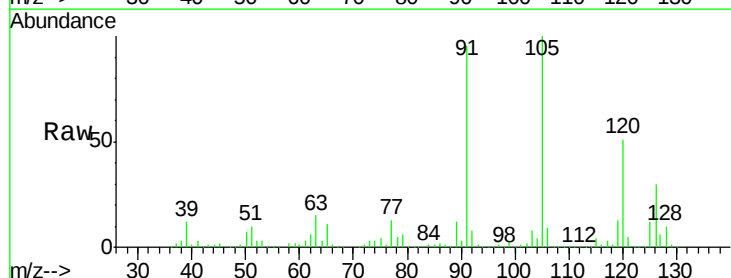
Acq: 20 Mar 2018 12:10

Tgt Ion: 105 Resp: 818920

Ion Ratio Lower Upper

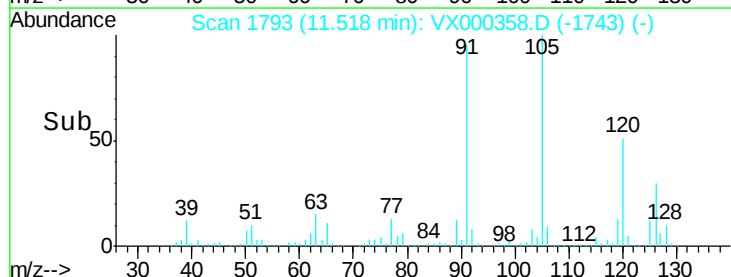
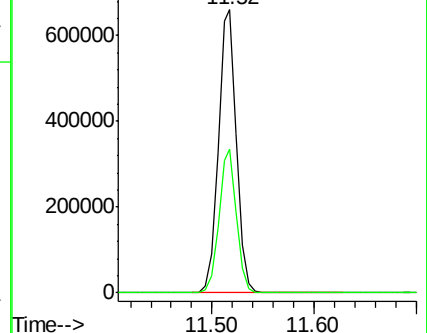
105 100

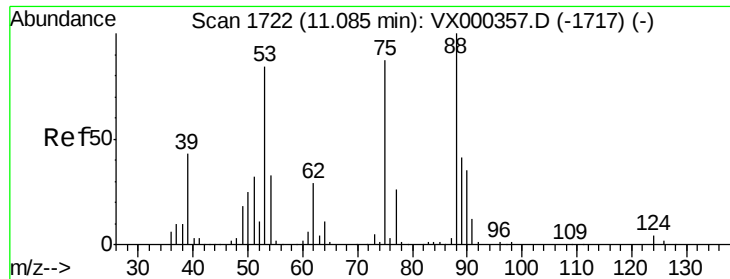
120 49.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

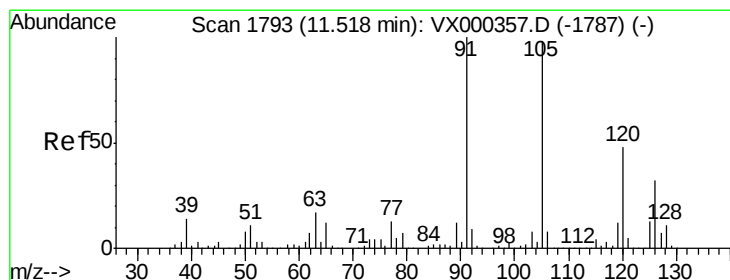
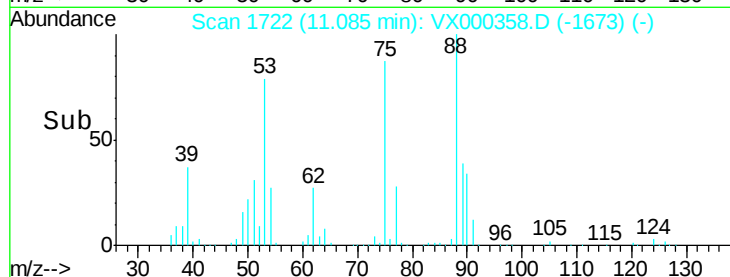
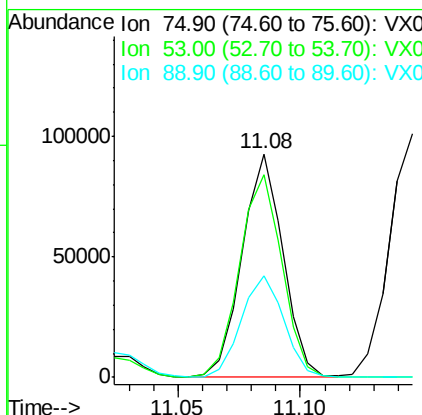
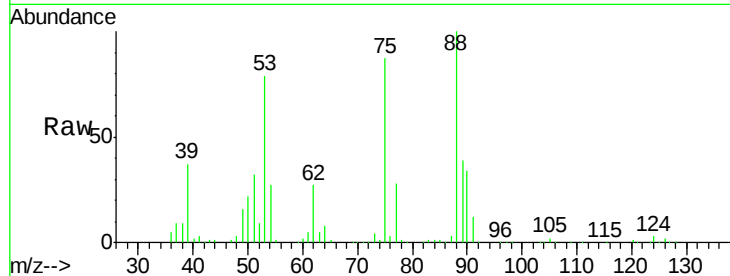




#81
trans-1,4-Dichloro-2-butene
Concen: 120.39 ug/l
RT: 11.08 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

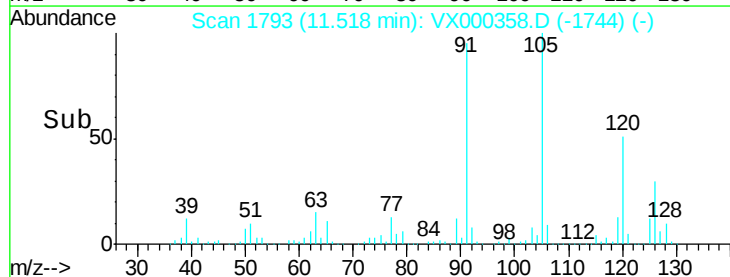
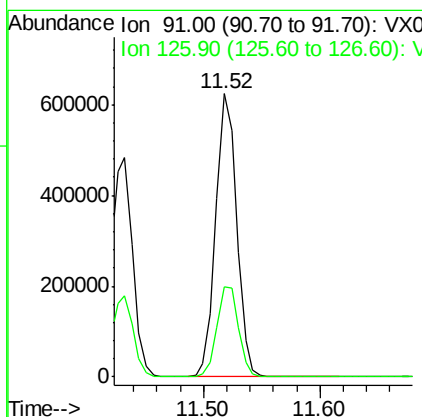
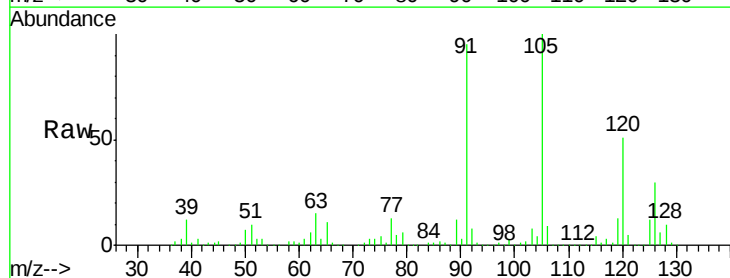
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

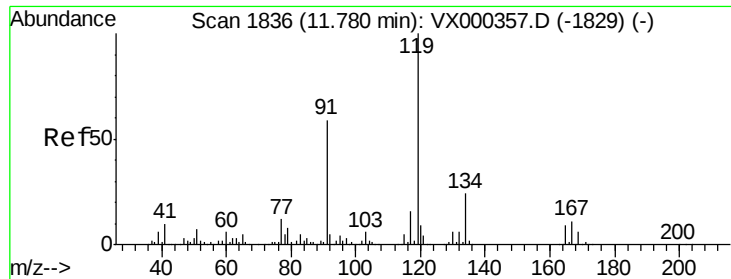
Tgt Ion: 75 Resp: 107568
Ion Ratio Lower Upper
75 100
53 93.9 80.7 121.1
89 47.7 39.4 59.0



#82
4-Chlorotoluene
Concen: 100.82 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 91 Resp: 772364
Ion Ratio Lower Upper
91 100
126 33.0 15.4 46.1

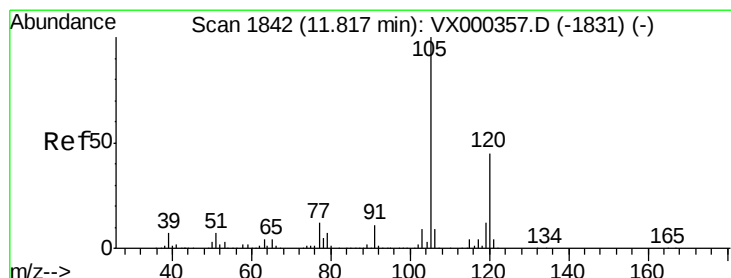
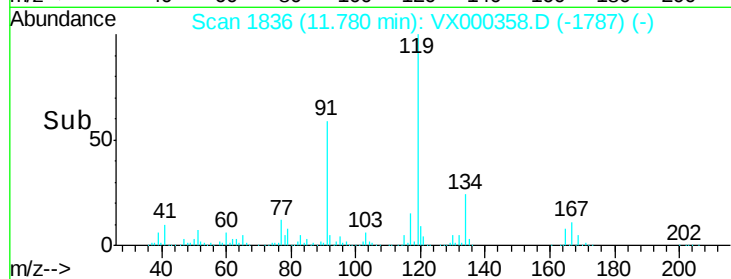
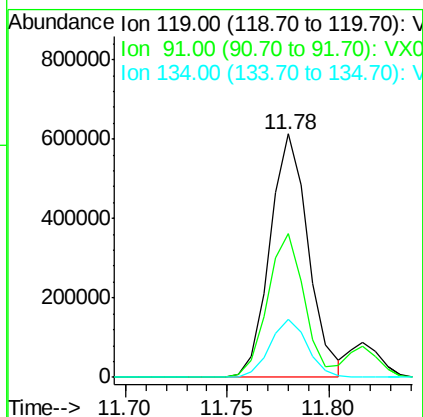
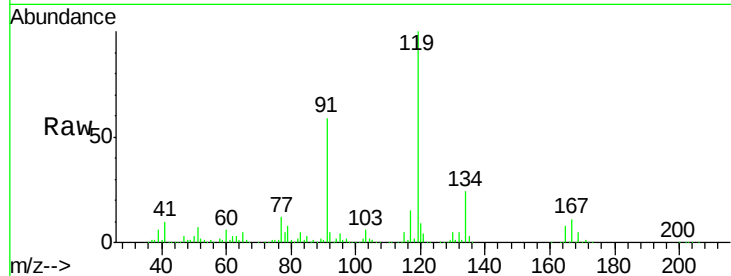




#83
 tert-Butylbenzene
 Concen: 106.25 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

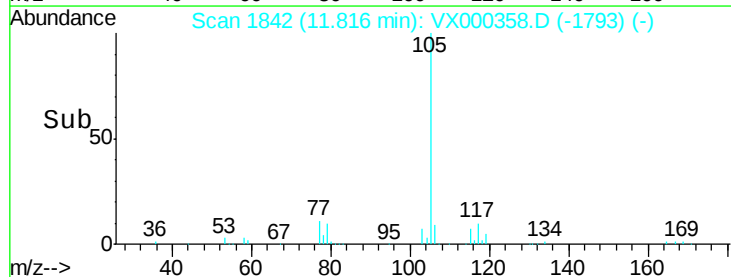
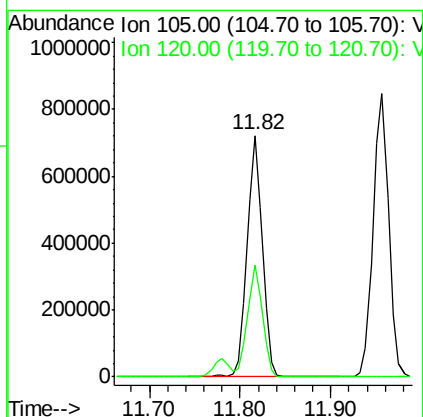
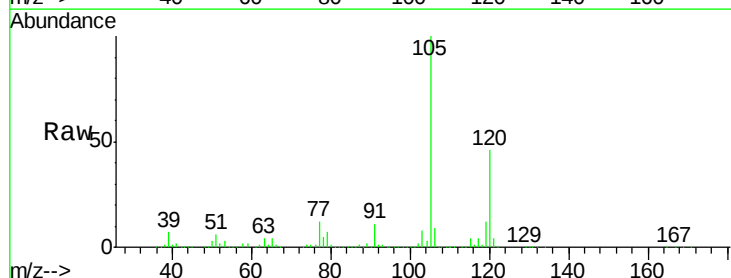
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

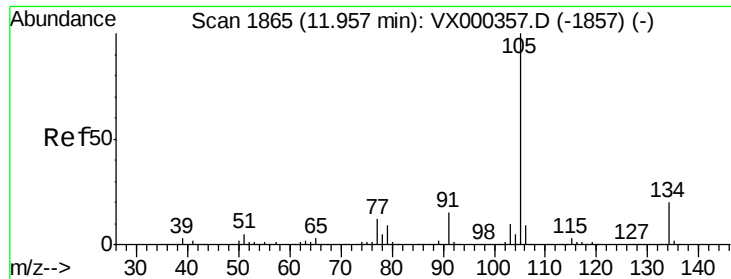
Tgt Ion:119 Resp: 804256
 Ion Ratio Lower Upper
 119 100
 91 57.3 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 105.76 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion:105 Resp: 843615
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.4 67.3

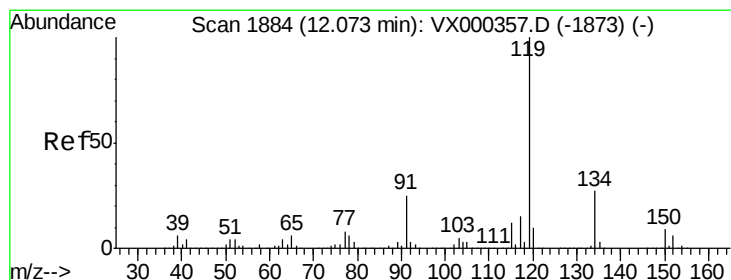
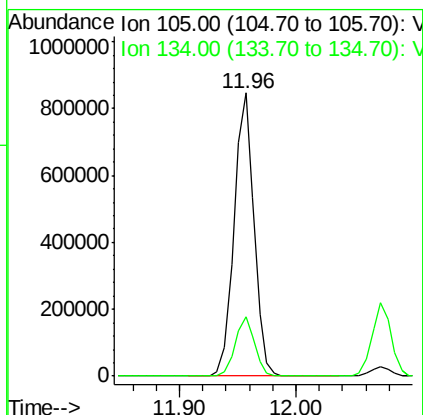
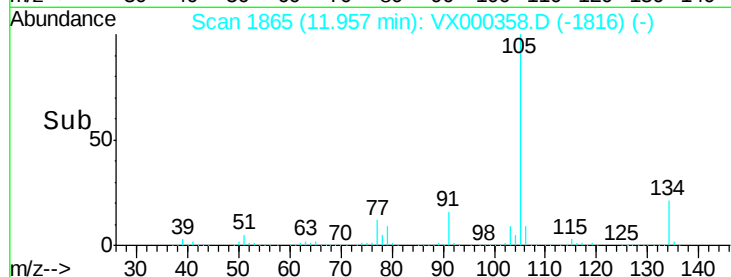
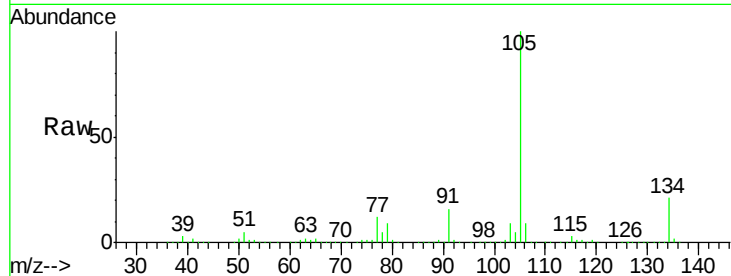




#85
 sec-Butylbenzene
 Concen: 106.08 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

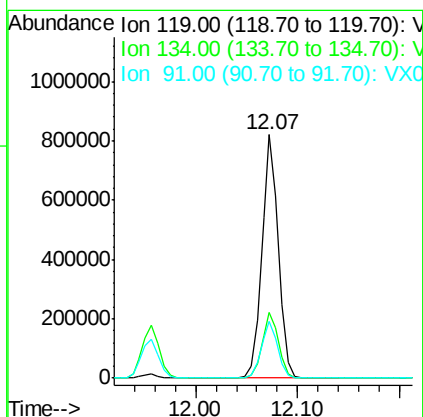
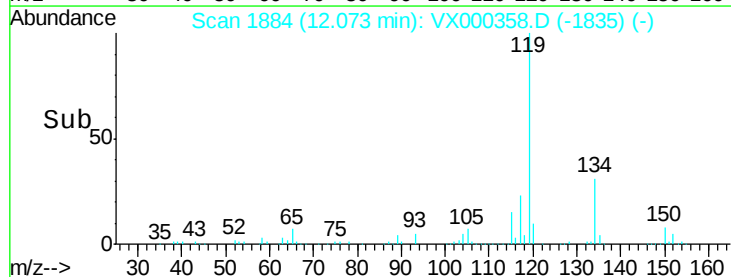
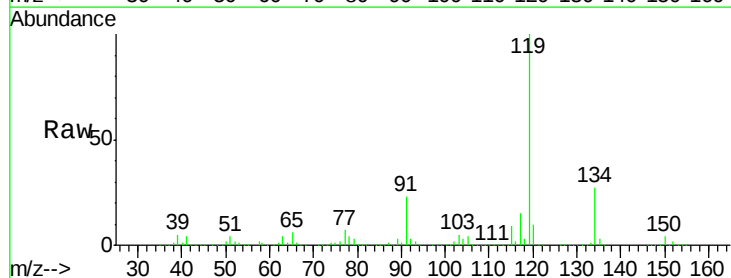
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

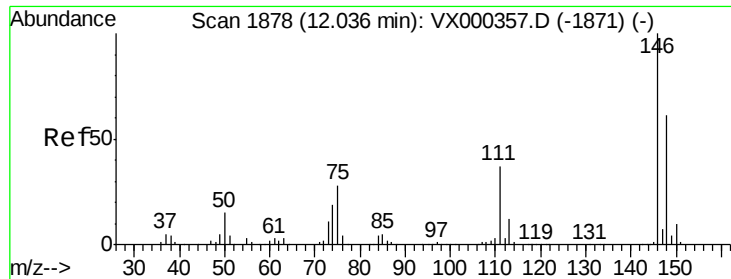
Tgt Ion:105 Resp: 1005227
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 110.02 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion:119 Resp: 927788
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 23.3 12.0 36.1

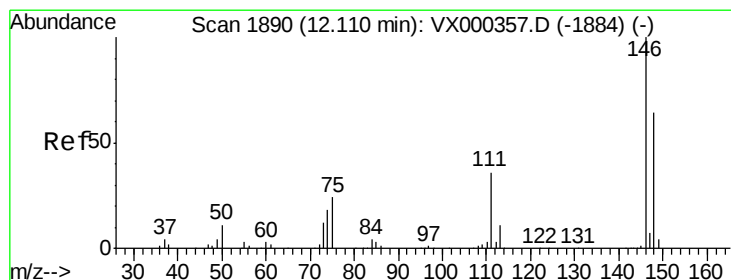
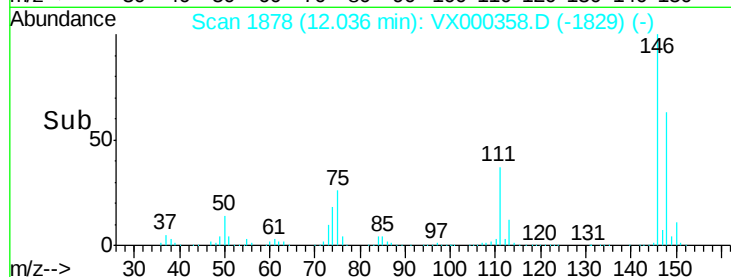
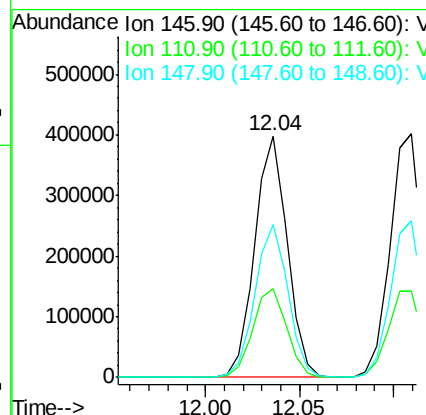
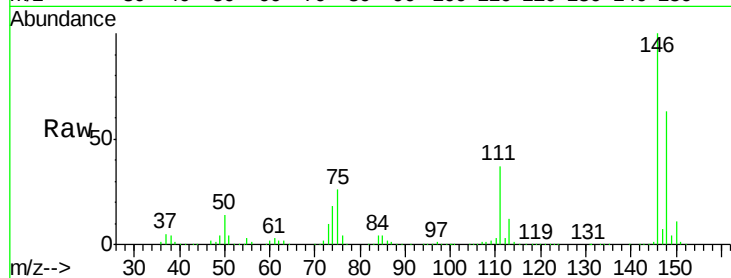




#87
 1,3-Dichlorobenzene
 Concen: 101.68 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

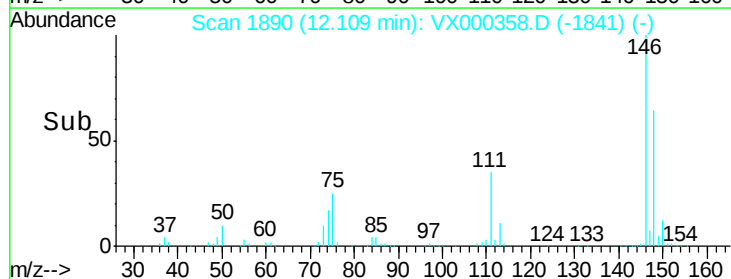
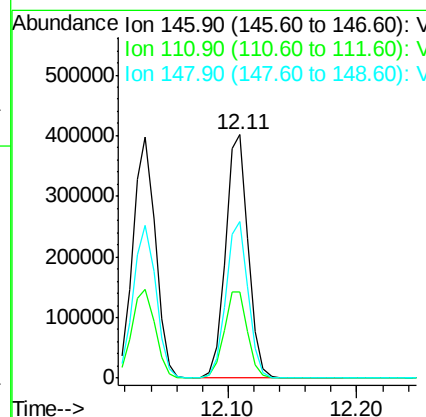
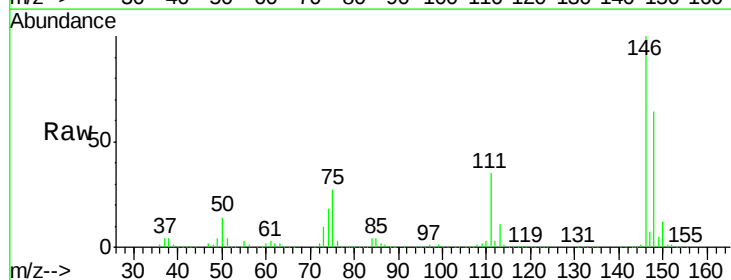
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

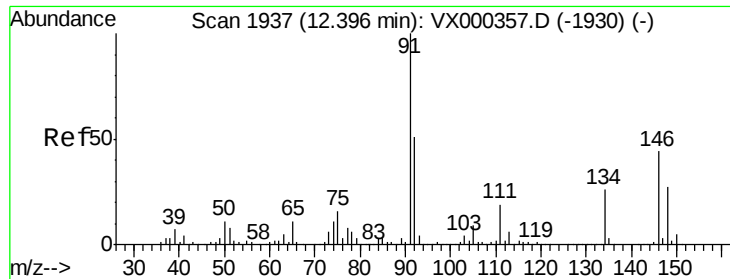
Tgt Ion:146 Resp: 477032
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 64.1 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 101.80 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion:146 Resp: 496309
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.9
 148 63.6 31.0 93.0





#89

n-Butylbenzene

Concen: 104.32 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

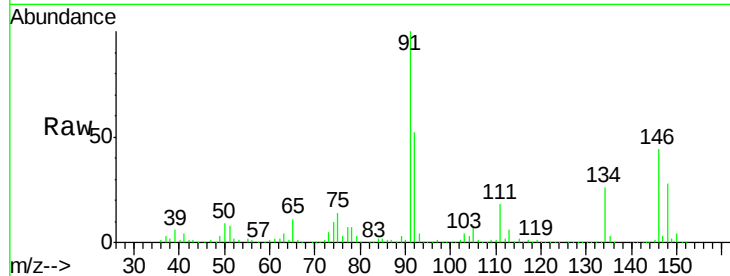
Tgt Ion: 91 Resp: 855387

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

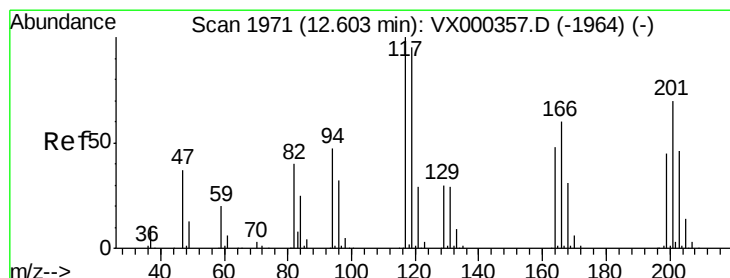
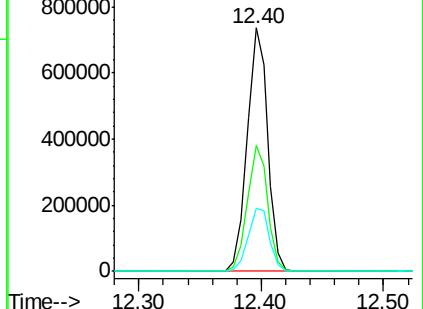
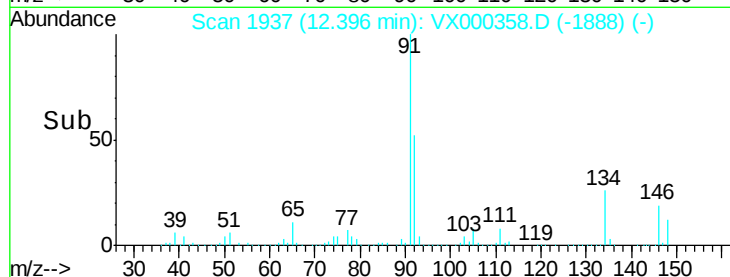
134 27.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000357.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1930) (-)



#90

Hexachloroethane

Concen: 110.82 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000358.D

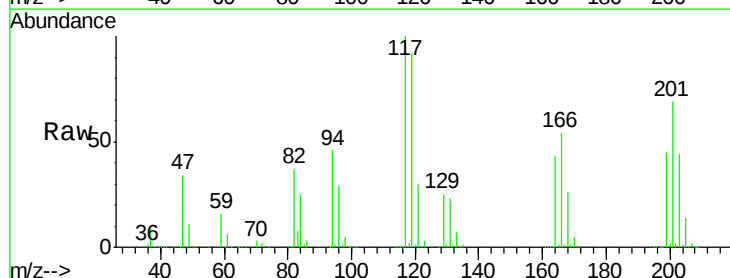
Acq: 20 Mar 2018 12:10

Tgt Ion: 117 Resp: 149901

Ion Ratio Lower Upper

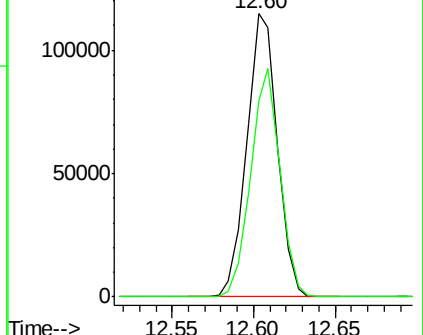
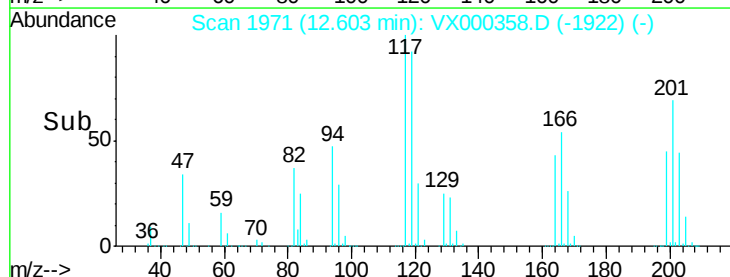
117 100

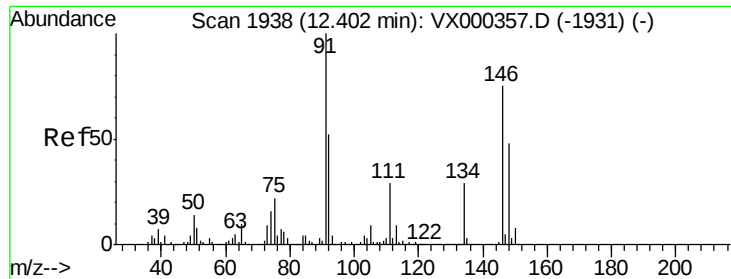
201 77.1 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000357.D (-1964) (-)

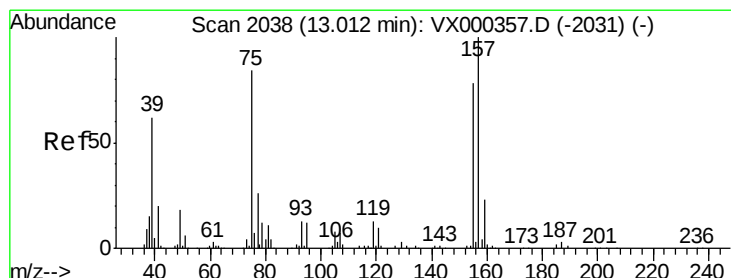
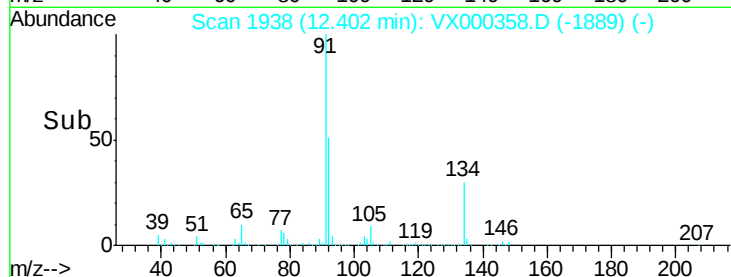
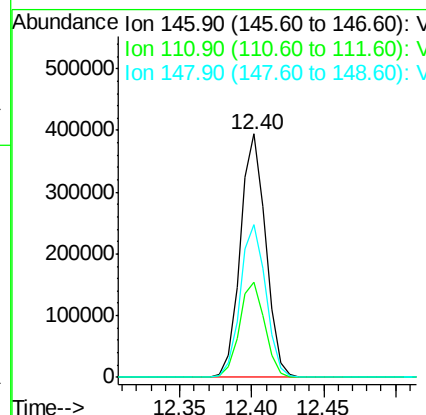
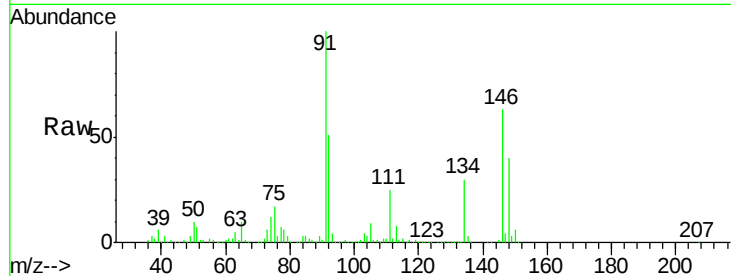




#91
1,2-Dichlorobenzene
Concen: 106.61 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

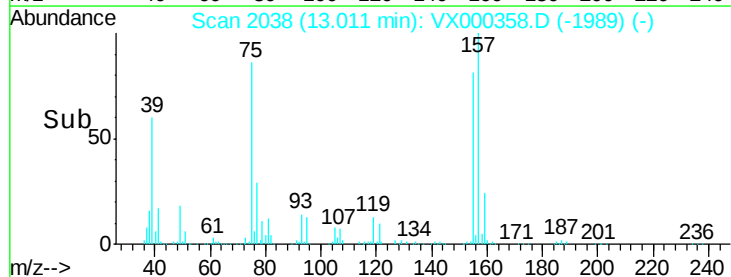
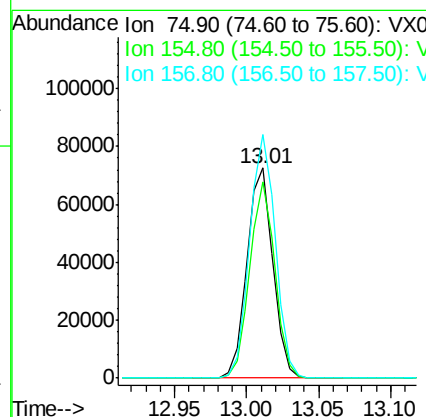
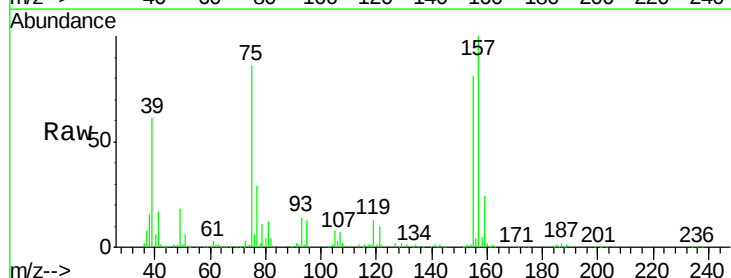
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 484462
Ion Ratio Lower Upper
146 100
111 39.2 20.1 60.2
148 63.3 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 102.60 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000358.D
Acq: 20 Mar 2018 12:10

Tgt Ion: 75 Resp: 90056
Ion Ratio Lower Upper
75 100
155 90.1 45.0 134.8
157 114.6 58.1 174.2

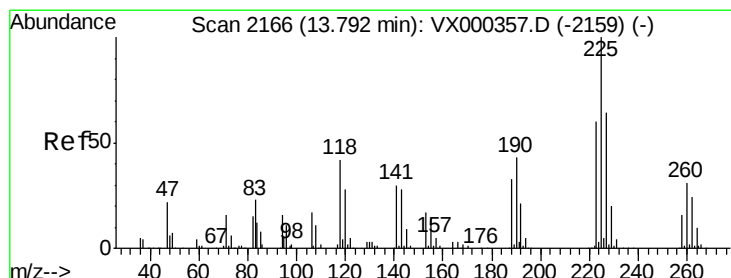
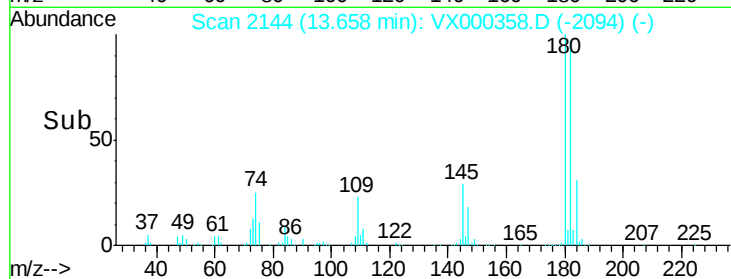
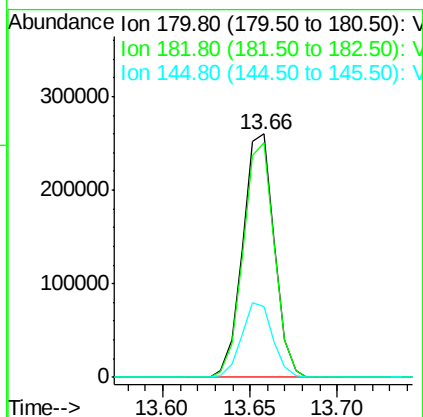
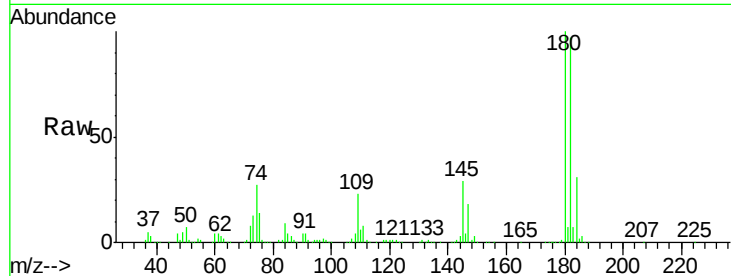




#93
 1,2,4-Trichlorobenzene
 Concen: 99.24 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

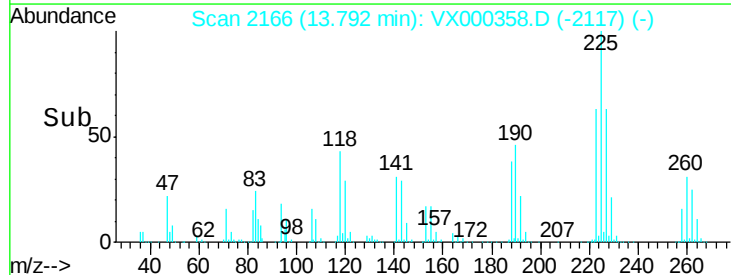
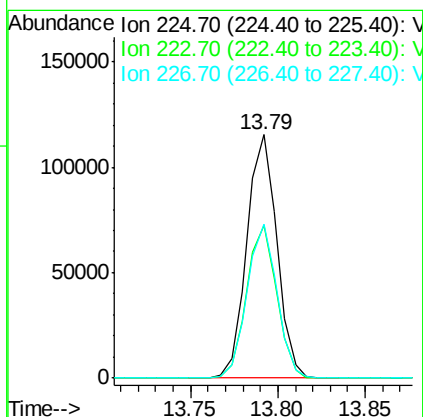
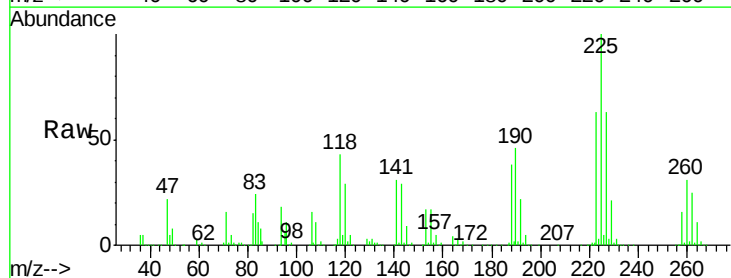
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

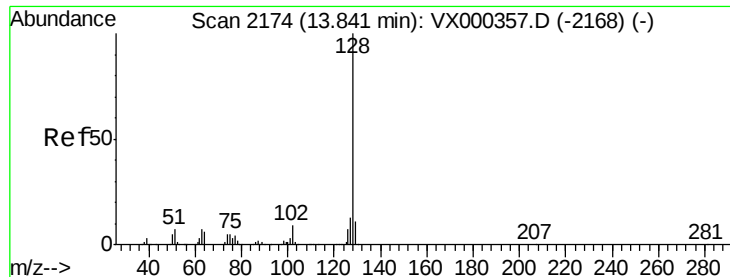
Tgt Ion:180 Resp: 324847
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 30.4 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 106.44 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000358.D
 Acq: 20 Mar 2018 12:10

Tgt Ion:225 Resp: 137441
 Ion Ratio Lower Upper
 225 100
 223 63.0 32.0 96.0
 227 63.3 32.6 98.0





#95

Naphthalene

Concen: 102.05 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

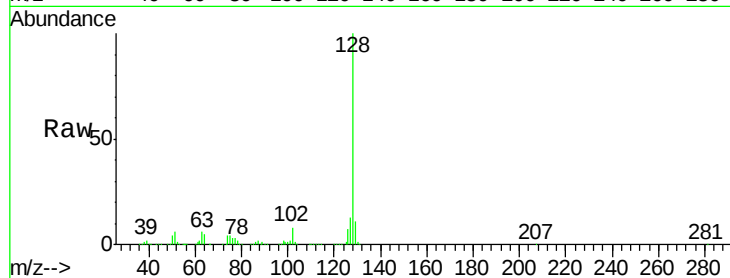
Tgt Ion:128 Resp: 1159183

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

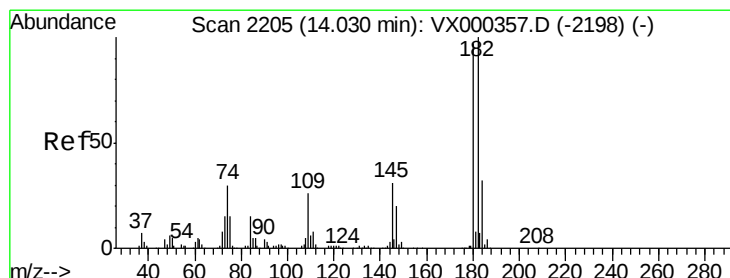
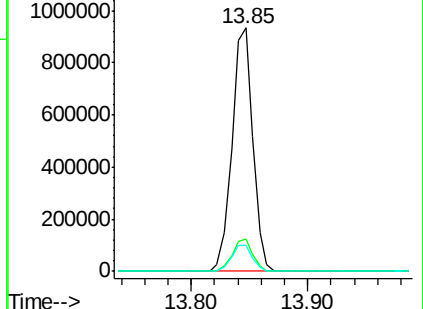
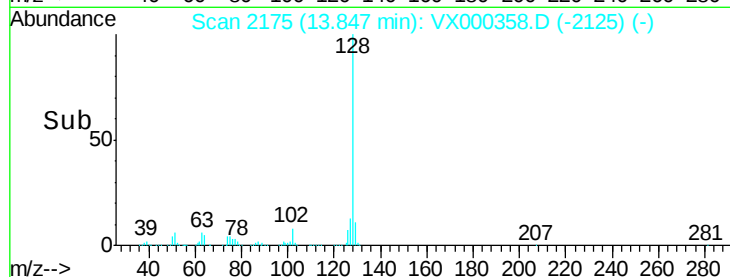
129 10.8 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 94.68 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000358.D

Acq: 20 Mar 2018 12:10

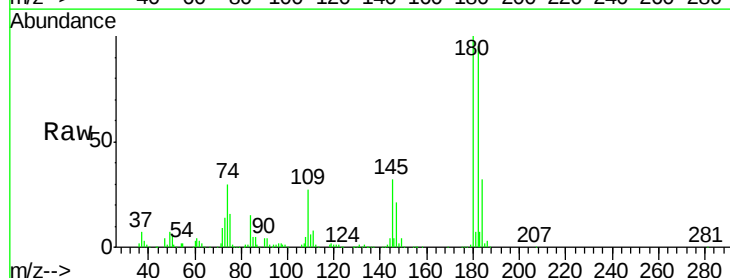
Tgt Ion:180 Resp: 313077

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 32.3 15.8 47.3



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

