

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002833.D
 Acq On : 22 Jun 2018 14:15
 Operator : JC/MD
 Sample : VX0622WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Quant Time: Jun 23 00:10:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	45333	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	241482	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	224722	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	105313	30.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.40%
60) 4-Bromofluorobenzene	11.14	95	110770	29.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.50%
63) Toluene-d8	8.72	98	301333	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	45579	21.07	ug/l	100
3) Chloromethane	1.32	50	46852	19.95	ug/l	100
4) Vinyl Chloride	1.40	62	52175	19.94	ug/l	99
5) Bromomethane	1.64	94	23487	15.36	ug/l	97
6) Chloroethane	1.73	64	33611	19.10	ug/l	93
7) Trichlorofluoromethane	1.93	101	88423	19.01	ug/l	97
8) Diethyl Ether	2.19	74	33109	19.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50872	19.11	ug/l	100
10) 1,1-Dichloroethene	2.37	96	44580	19.02	ug/l	94
11) Methyl Iodide	2.51	142	47998	17.78	ug/l	99
12) Methyl Acetate	2.78	43	83929	22.07	ug/l	97
13) Acrolein	2.29	56	21154	78.23	ug/l	100
14) Acrylonitrile	3.15	53	149438	104.47	ug/l	99
15) Acetone	2.45	58	41386	104.09	ug/l	93
16) Carbon Disulfide	2.57	76	108913	18.56	ug/l	100
17) Allyl chloride	2.73	41	88842	19.05	ug/l	97
18) Methylene Chloride	2.86	84	53448	19.92	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	47730	18.99	ug/l	100
20) Diisopropyl ether	3.88	45	169913	19.55	ug/l	96
21) 1,1-Dichloroethane	3.70	63	94212	20.16	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	54043	20.01	ug/l	94
23) tert-Butyl Alcohol	3.07	59	66693	102.69	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	170121	19.44	ug/l	99
25) Chloroform	5.22	83	97731	20.84	ug/l	99
26) Cyclohexane	5.58	56	75577	19.04	ug/l	# 94
29) 1,1-Dichloropropene	5.81	75	64525	19.79	ug/l	96
30) 2-Butanone	4.71	43	208794	111.89	ug/l	98
31) 2,2-Dichloropropane	4.59	77	69356	19.90	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	80443	20.42	ug/l	99
33) Carbon Tetrachloride	5.79	117	72215	20.39	ug/l	98
34) Benzene	6.15	78	200407	20.75	ug/l	99
35) Methacrylonitrile	5.07	41	44854	22.08	ug/l	96
36) 1,2-Dichloroethane	6.20	62	80790	21.31	ug/l	99
37) Trichloroethene	7.21	130	58851	20.81	ug/l	93
38) Methylcyclohexane	7.46	83	75545	19.04	ug/l	98
39) 1,2-Dichloropropane	7.52	63	52500	20.84	ug/l	95
40) Dibromomethane	7.67	93	37511	21.43	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0622WBSD01

Quant Time: Jun 23 00:10:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	66791	20.32	ug/l	98
42) Vinyl Acetate	3.83	43	728113	102.88	ug/l	100
43) Ethyl Acetate	4.87	43	80242	22.48	ug/l	99
44) Isopropyl Acetate	6.47	43	126345	21.13	ug/l	100
45) 1,4-Dioxane	7.76	88	25849	441.25	ug/l #	88
46) Methyl methacrylate	7.78	41	66153	21.65	ug/l	98
47) n-amyl Acetate	10.90	43	110369	19.56	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	76245	19.75	ug/l	97
49) cis-1,3-Dichloropropene	9.04	75	69515	19.28	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	54857	21.25	ug/l	97
51) Ethyl methacrylate	9.18	69	80004	20.53	ug/l	97
52) 1,3-Dichloropropane	9.37	76	89539	21.23	ug/l	99
53) Dibromochloromethane	9.59	129	54208	19.78	ug/l	99
54) 1,2-Dibromoethane	9.68	107	57322	21.07	ug/l	98
55) 2-Chloroethyl vinyl ether	8.32	63	169620	91.64	ug/l	99
56) Bromoform	10.86	173	40928	18.71	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	426301	111.73	ug/l	98
59) 2-Hexanone	9.50	43	326038	111.78	ug/l	99
61) Tetrachloroethene	9.34	164	67982	22.04	ug/l	96
62) Toluene	8.79	91	224633	20.74	ug/l	98
64) Chlorobenzene	10.14	112	148916	20.69	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	54522	20.67	ug/l	98
66) Ethyl Benzene	10.26	91	246420	20.20	ug/l	100
67) m/p-Xylenes	10.36	106	191417	40.38	ug/l	99
68) o-Xylene	10.70	106	92787	20.09	ug/l	99
69) Styrene	10.71	104	153613	19.93	ug/l	99
70) Isopropylbenzene	11.02	105	256201	20.12	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	79850	20.97	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	91001	27.57	ug/l	94
73) Bromobenzene	11.26	156	71135	20.08	ug/l	94
74) n-propylbenzene	11.37	91	291951	19.75	ug/l	99
75) 2-Chlorotoluene	11.43	91	176036	20.46	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	214299	19.82	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	19161	18.05	ug/l	79
78) 4-Chlorotoluene	11.51	91	204470	20.06	ug/l	100
79) tert-butylbenzene	12.07	119	227094	19.04	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	221169	20.03	ug/l	99
81) sec-Butylbenzene	11.95	105	254875	19.27	ug/l	99
82) p-Isopropyltoluene	12.07	119	227094	19.04	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	127980	19.64	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	130169	19.77	ug/l	99
85) n-Butylbenzene	12.39	91	191744	18.14	ug/l	99
86) Hexachloroethane	12.60	117	31523	17.44	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	129780	19.72	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	16801	19.75	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	92710	18.66	ug/l	100
90) Hexachlorobutadiene	13.79	225	47513	18.37	ug/l	99
91) Naphthalene	13.84	128	265661	20.17	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	96816	19.59	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

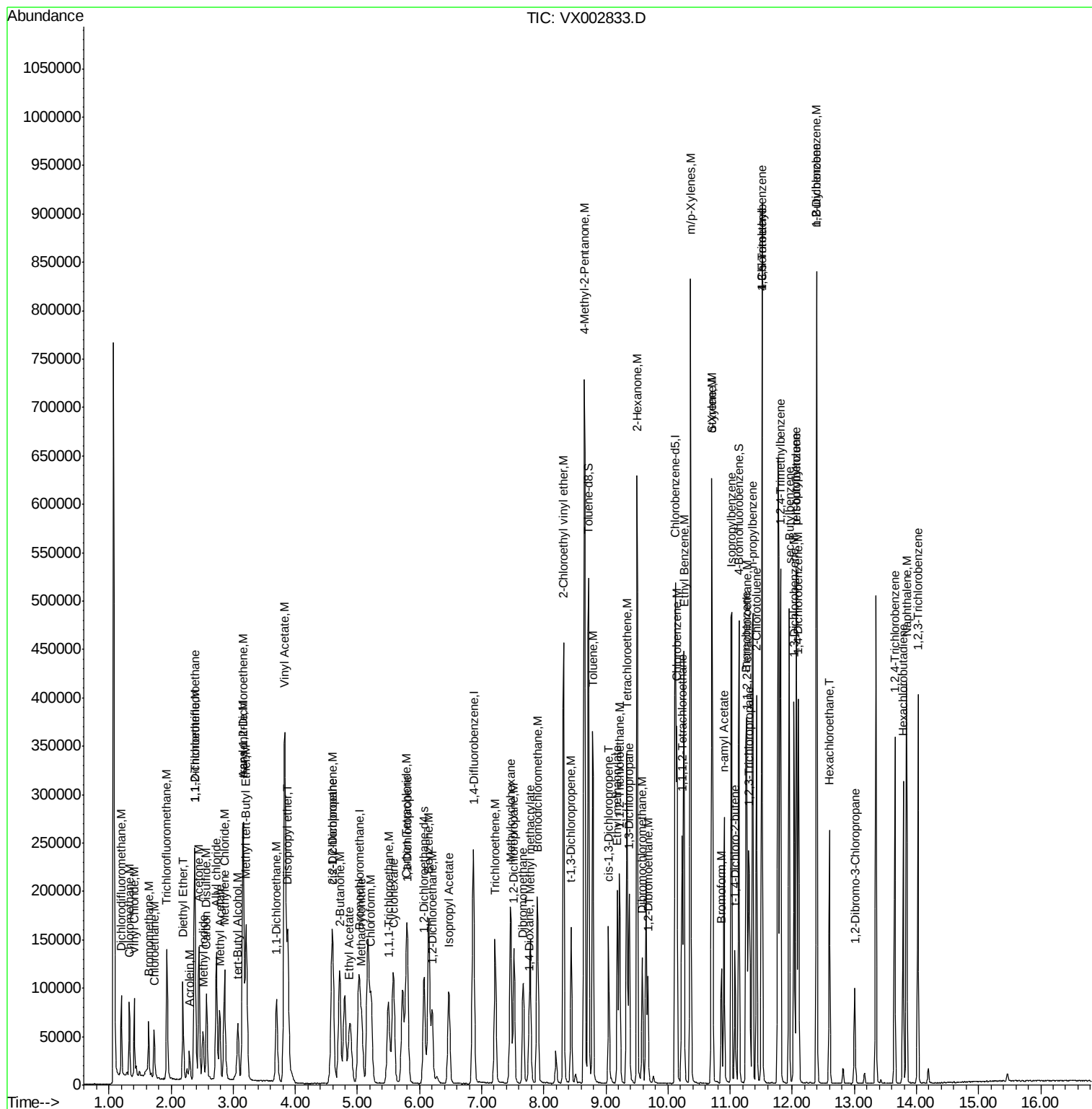
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

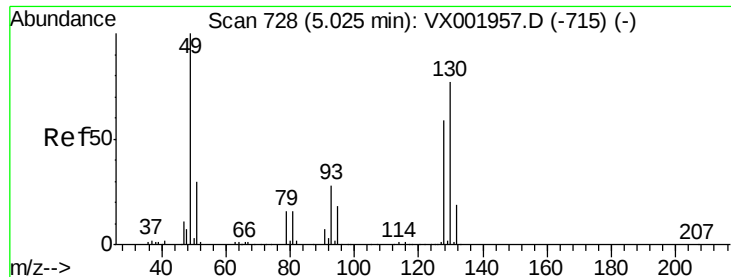
Quant Time: Jun 23 00:10:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jun 23 00:10:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

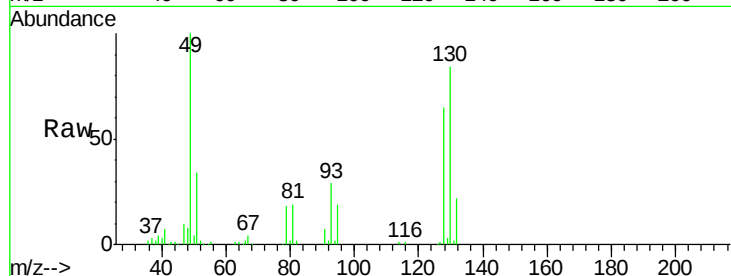
Tot Ion:128 Resp: 45333

Ion Ratio Lower Upper

128 100

49 161.7 0.0 423.0

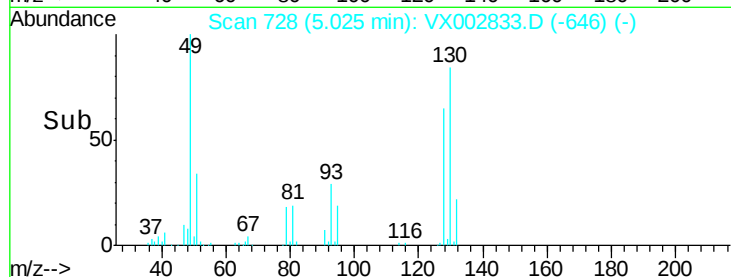
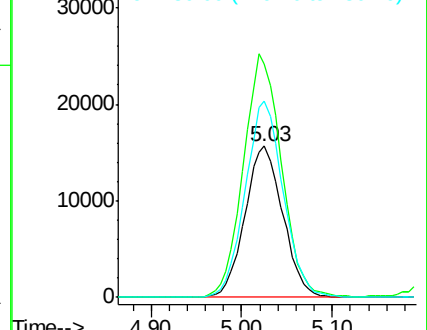
130 130.5 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002833.D

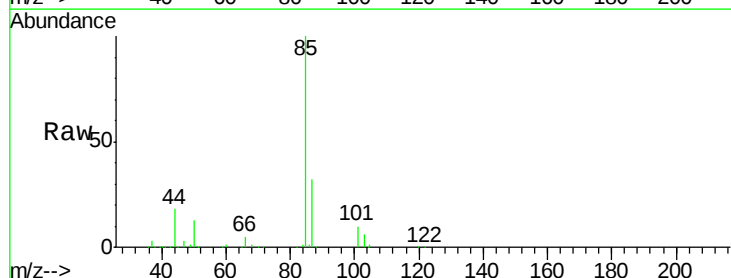
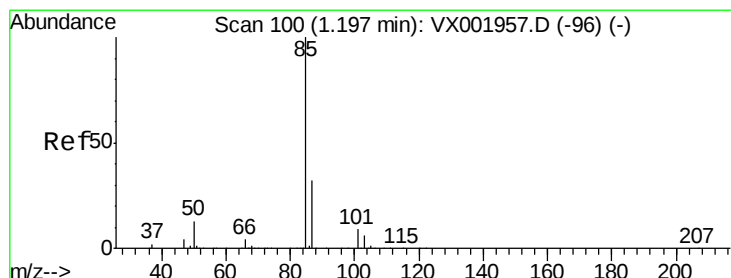
Acq: 22 Jun 2018 14:15

Tgt Ion: 85 Resp: 45579

Ion Ratio Lower Upper

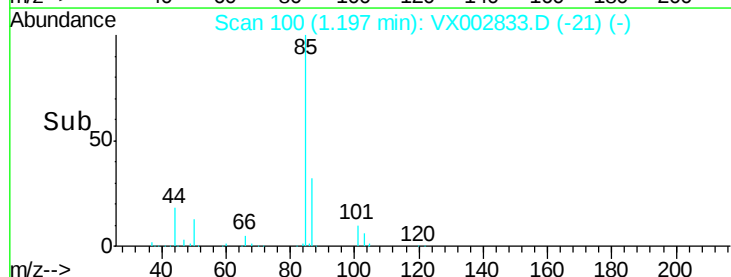
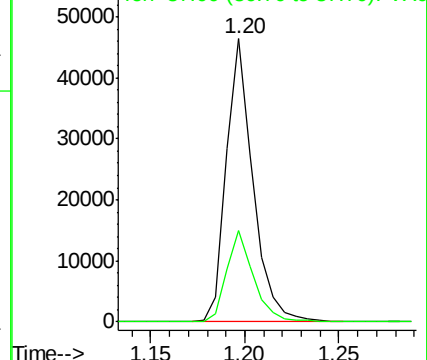
85 100

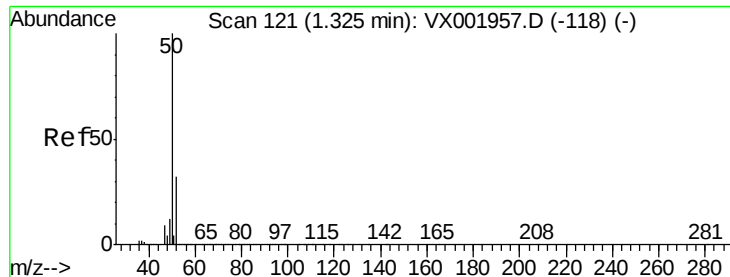
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

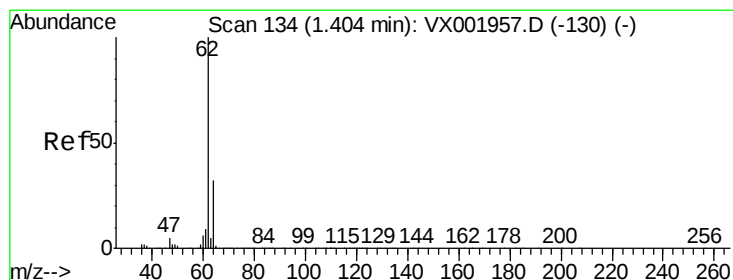
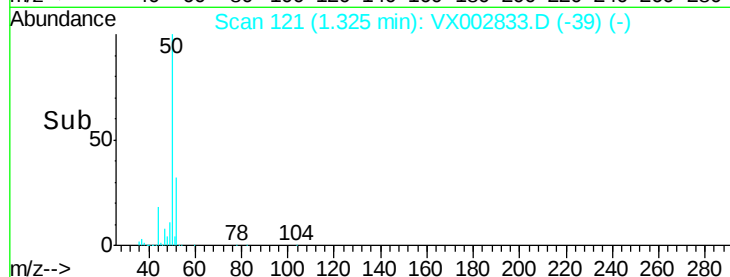
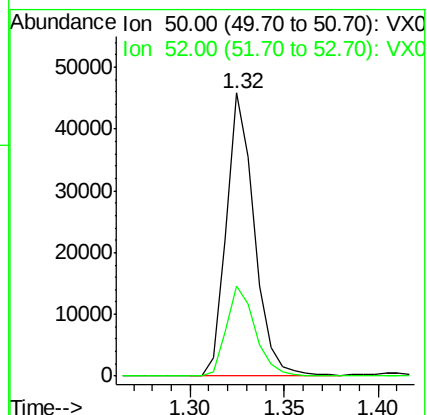
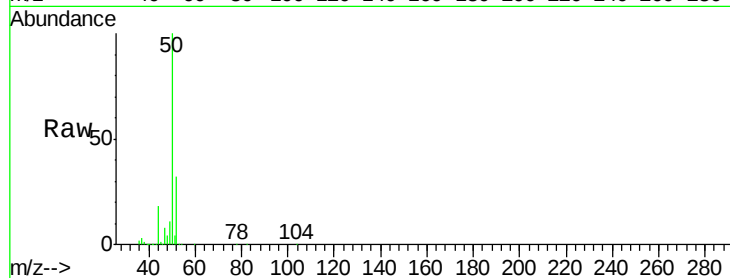
VX0622WBSD01

Tot Ion: 50 Resp: 46852

Ion Ratio Lower Upper

50 100

52 31.7 25.6 38.4



#4

Vinyl Chloride

Concen: 19.94 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002833.D

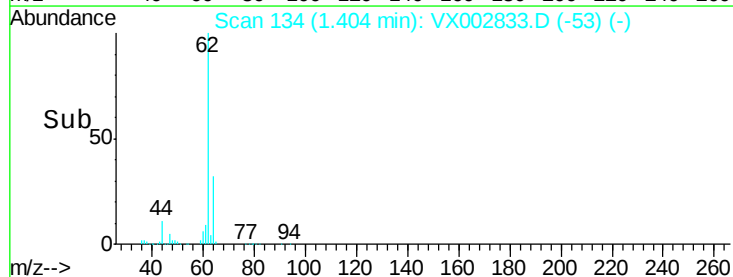
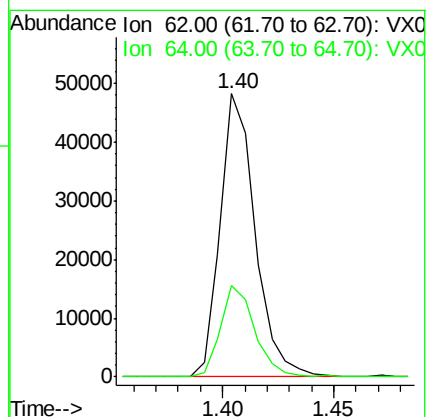
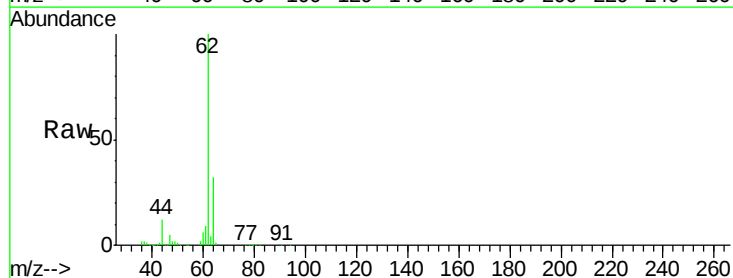
Acq: 22 Jun 2018 14:15

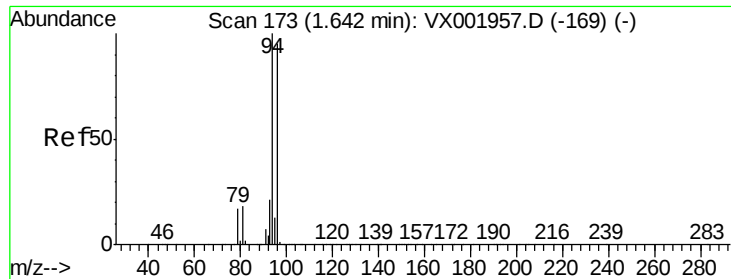
Tgt Ion: 62 Resp: 52175

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 15.36 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

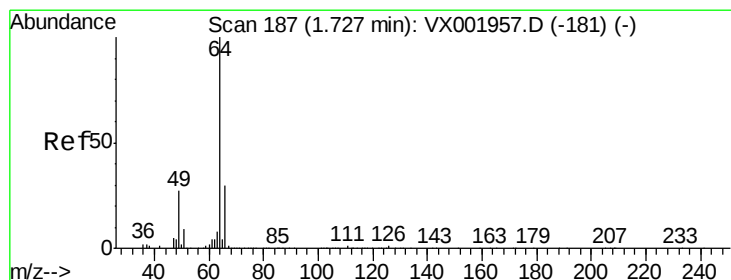
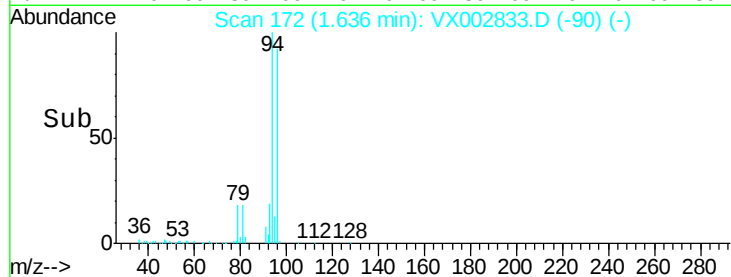
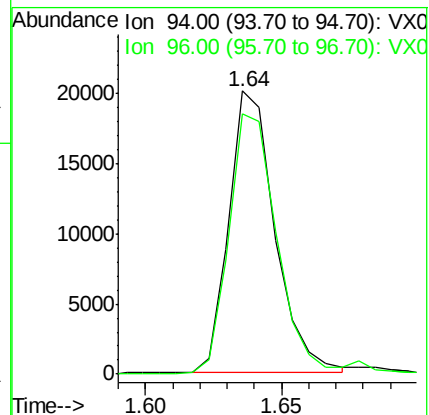
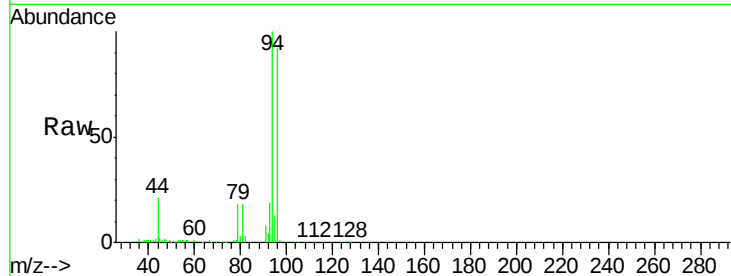
VX0622WBSD01

Tot Ion: 94 Resp: 23487

Ion Ratio Lower Upper

94 100

96 91.7 75.7 113.5



#6

Chloroethane

Concen: 19.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002833.D

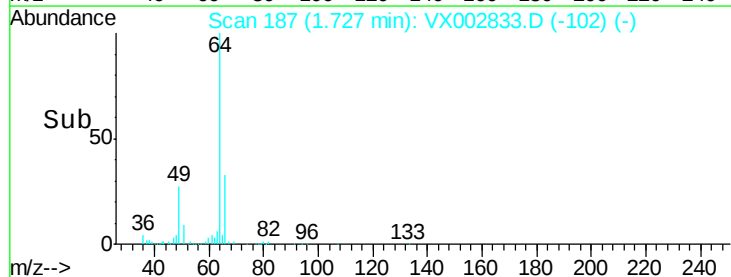
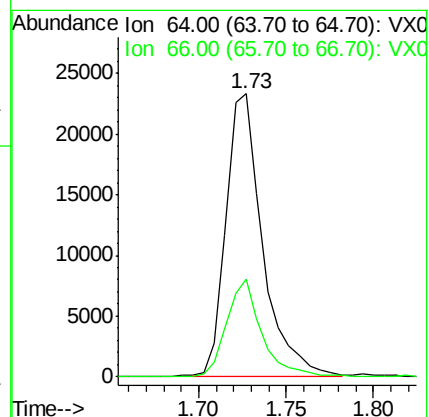
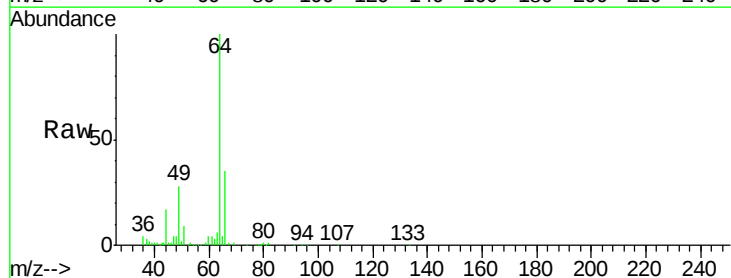
Acq: 22 Jun 2018 14:15

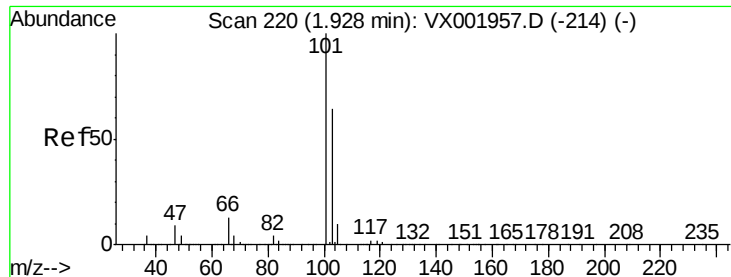
Tgt Ion: 64 Resp: 33611

Ion Ratio Lower Upper

64 100

66 34.4 24.3 36.5



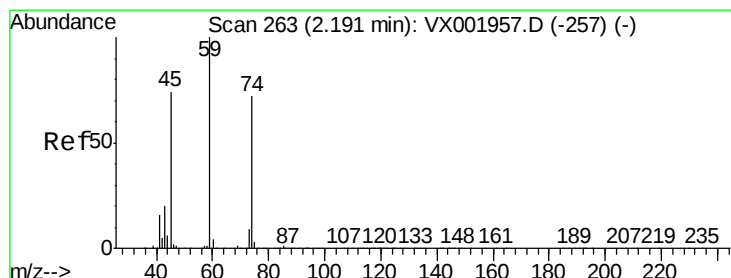
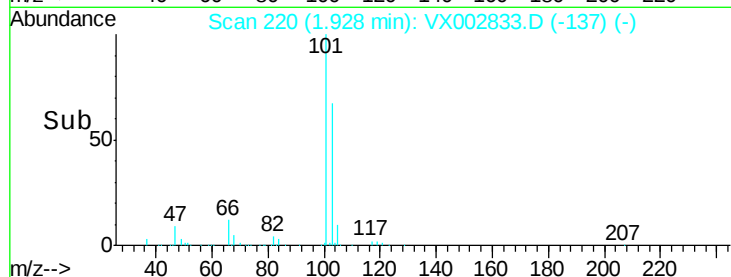
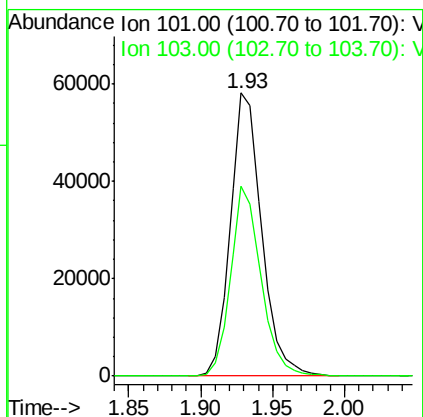
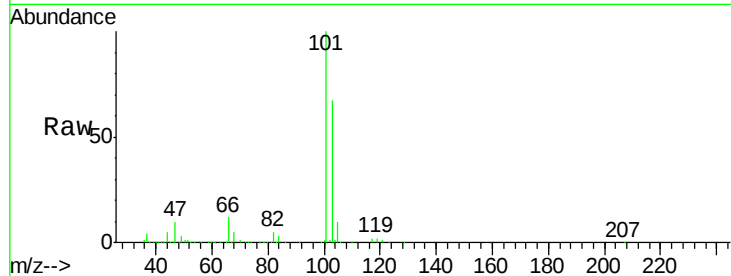


#7

Trichlorofluoromethane
Concen: 19.01 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

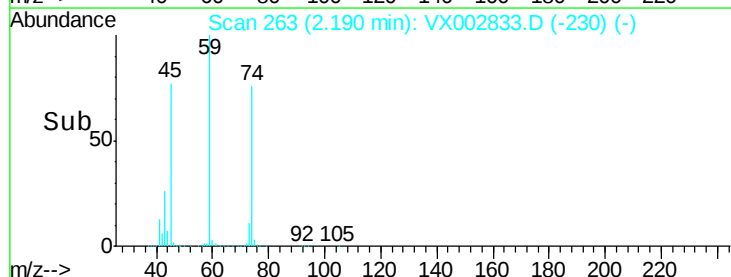
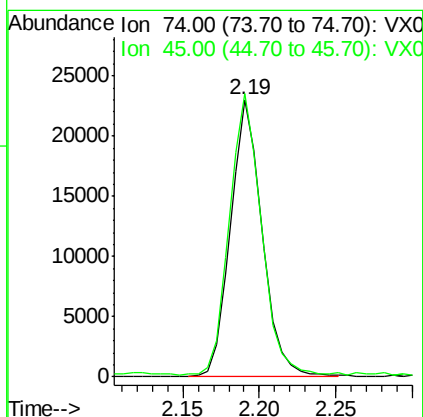
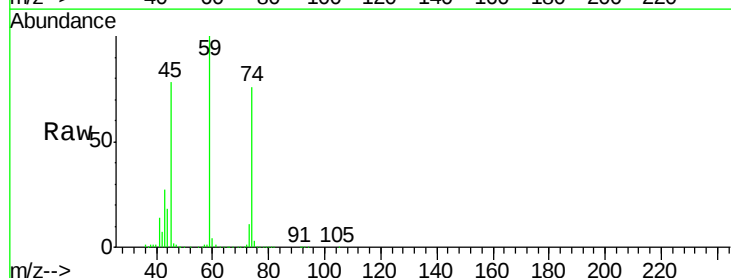
Tot Ion:101 Resp: 88423
Ion Ratio Lower Upper
101 100
103 67.0 51.5 77.3

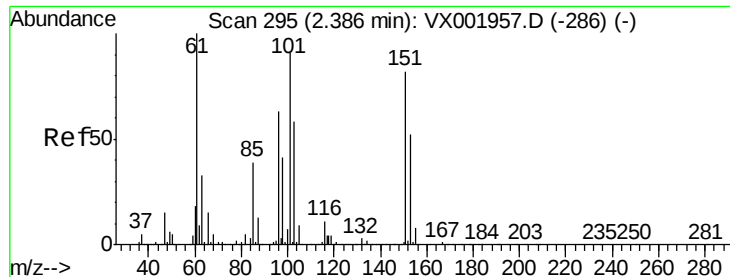


#8

Diethyl Ether
Concen: 19.96 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 74 Resp: 33109
Ion Ratio Lower Upper
74 100
45 101.9 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

VX0622WBSD01

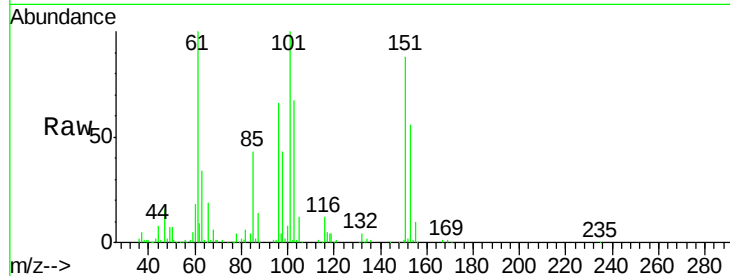
Tot Ion:101 Resp: 50872

Ion Ratio Lower Upper

101 100

85 43.6 0.0 87.0

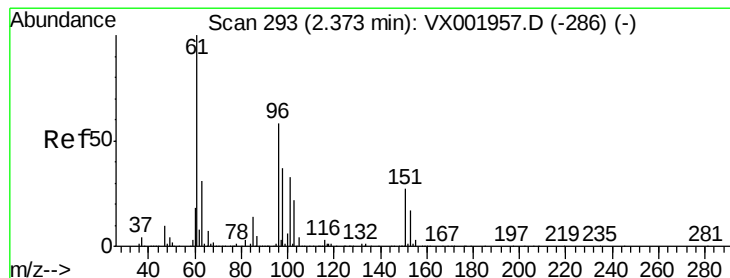
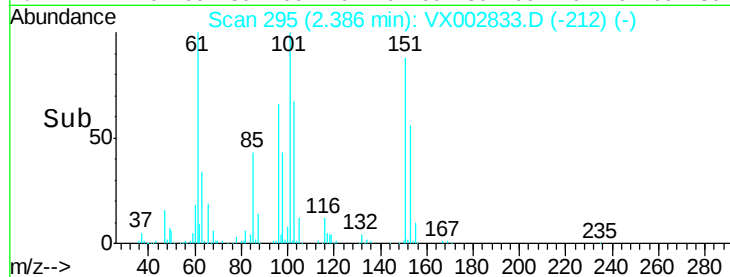
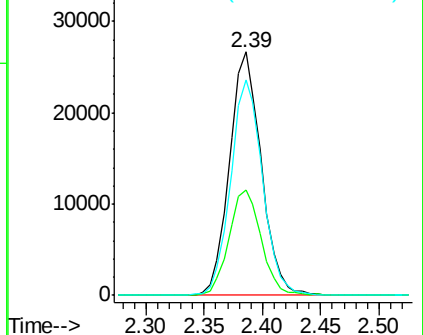
151 88.6 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.02 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

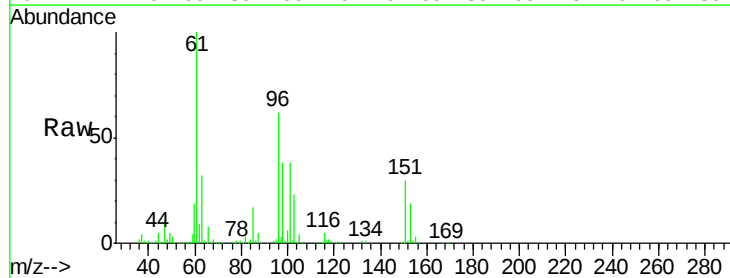
Tgt Ion: 96 Resp: 44580

Ion Ratio Lower Upper

96 100

61 162.1 137.5 206.3

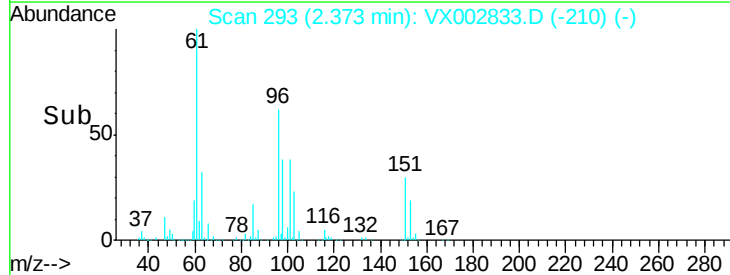
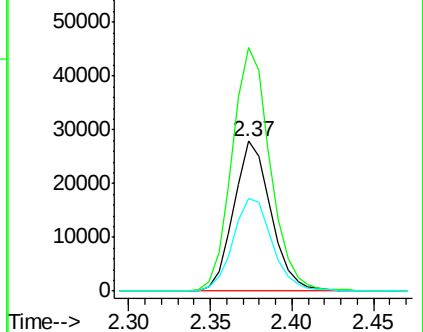
98 61.7 51.4 77.2

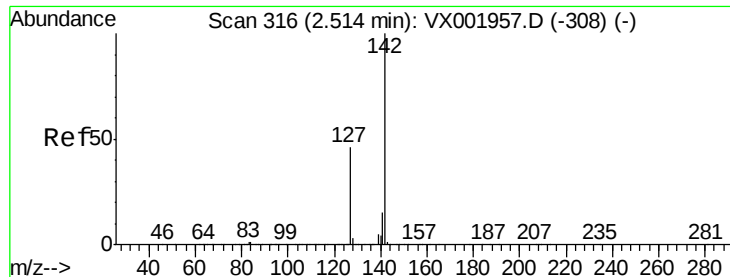


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

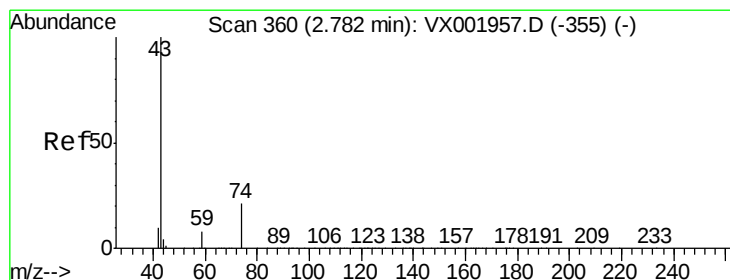
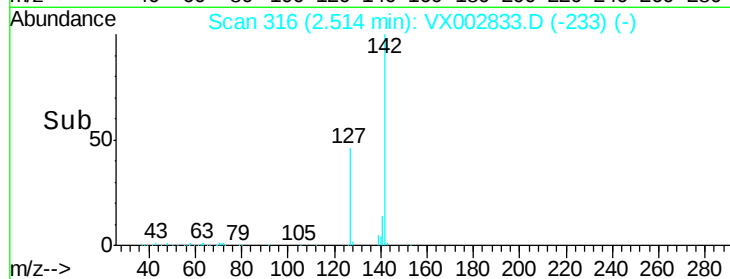
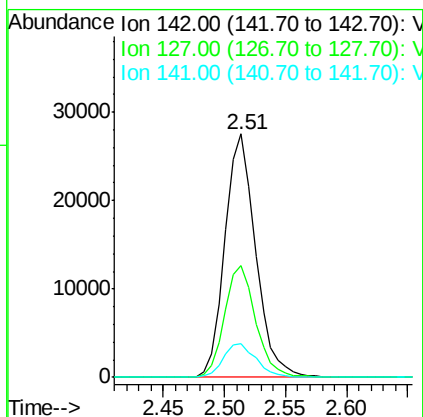
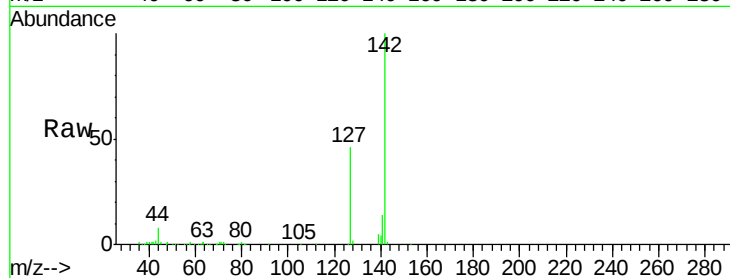




#11
Methvl Iodide
Concen: 17.78 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

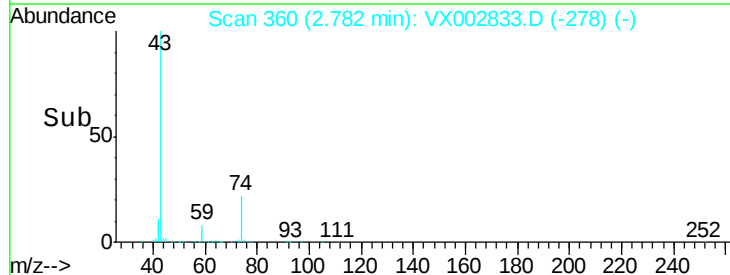
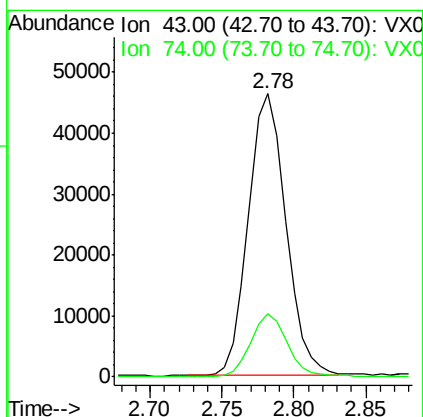
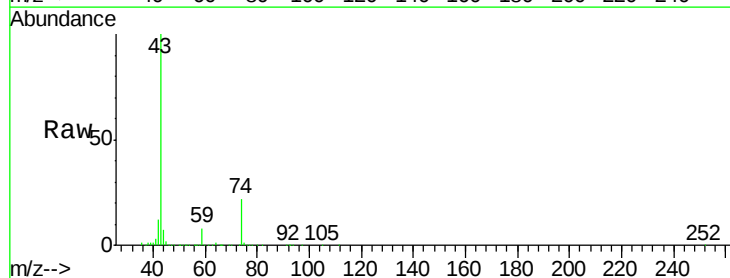
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

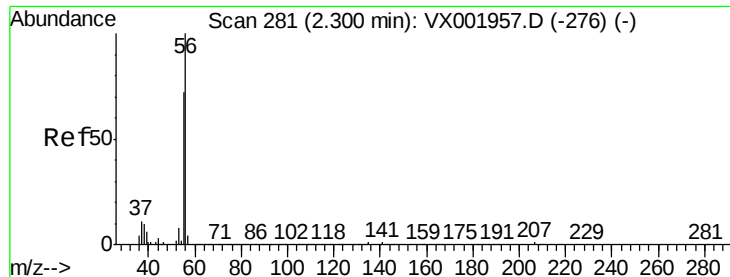
Tot Ion:142 Resp: 47998
Ion Ratio Lower Upper
142 100
127 45.8 23.2 69.6
141 13.7 7.4 22.2



#12
Methyl Acetate
Concen: 22.07 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 43 Resp: 83929
Ion Ratio Lower Upper
43 100
74 22.0 16.4 24.6





#13

Acrolein

Concen: 78.23 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

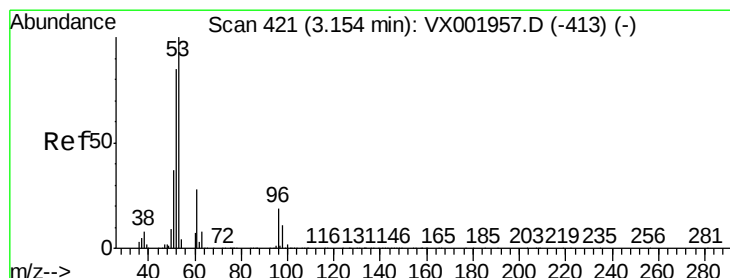
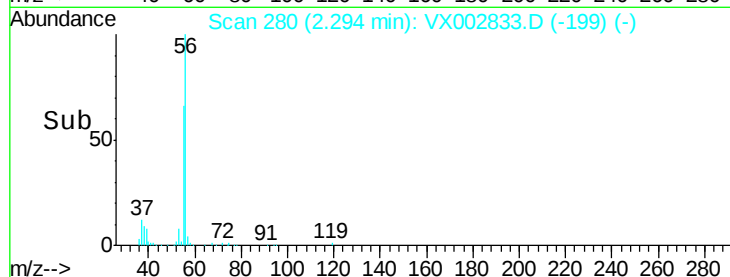
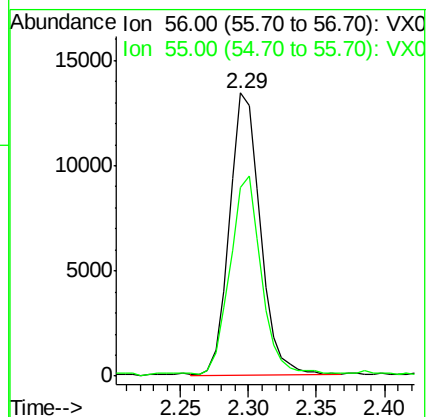
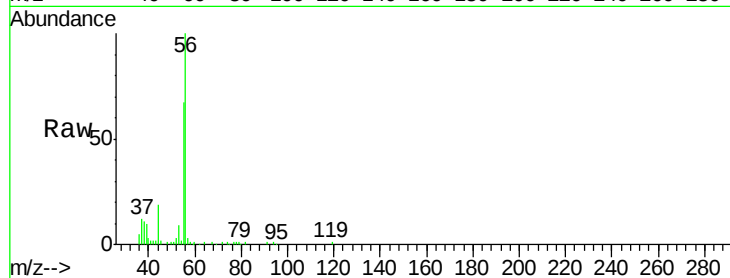
VX0622WBSD01

Tot Ion: 56 Resp: 21154

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



#14

Acrylonitrile

Concen: 104.47 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

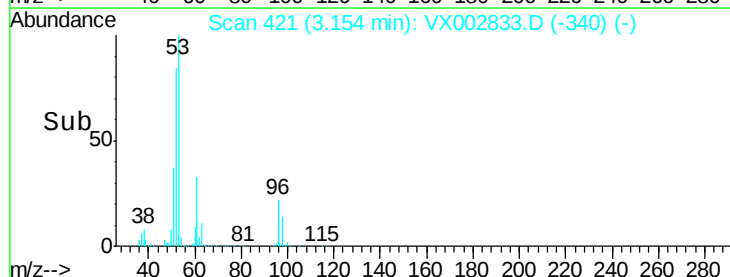
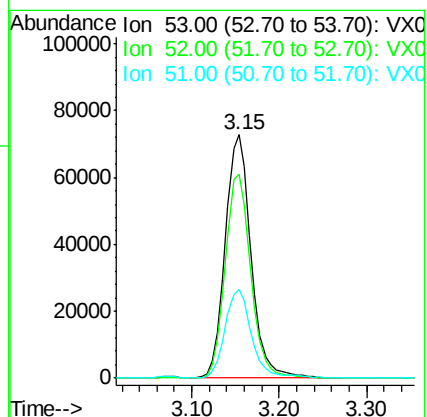
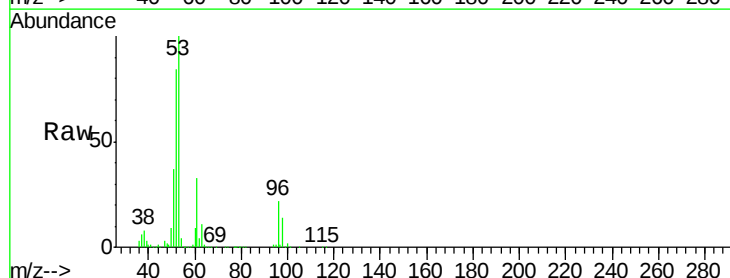
Tgt Ion: 53 Resp: 149438

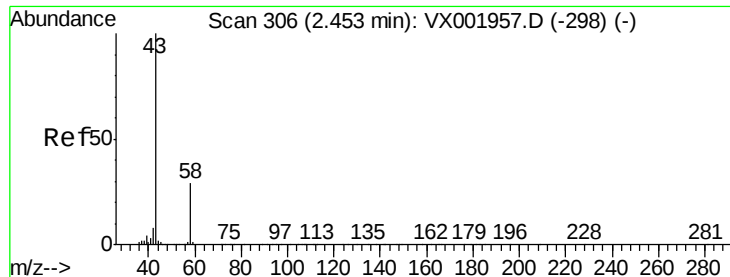
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.9 17.9 53.8





#15

Acetone

Concen: 104.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

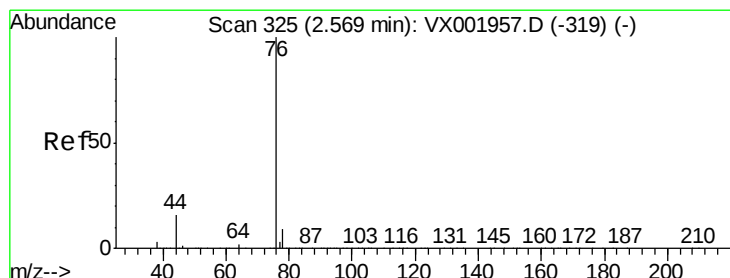
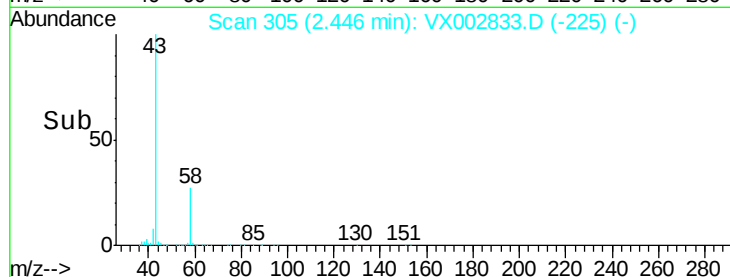
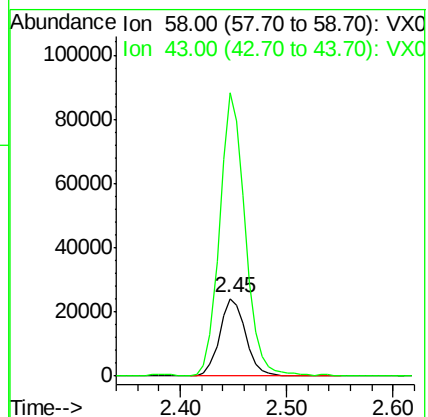
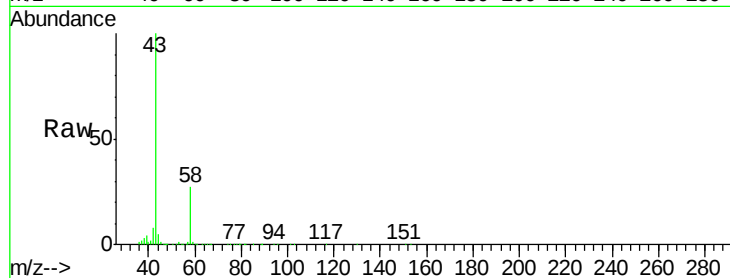
VX0622WBSD01

Tot Ion: 58 Resp: 41386

Ion Ratio Lower Upper

58 100

43 364.0 278.8 418.2



#16

Carbon Disulfide

Concen: 18.56 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX002833.D

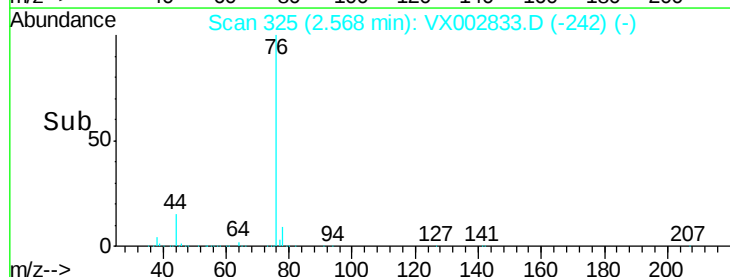
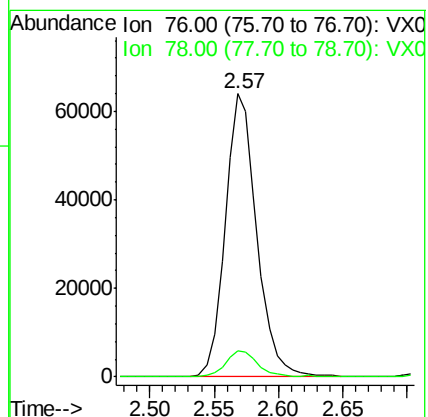
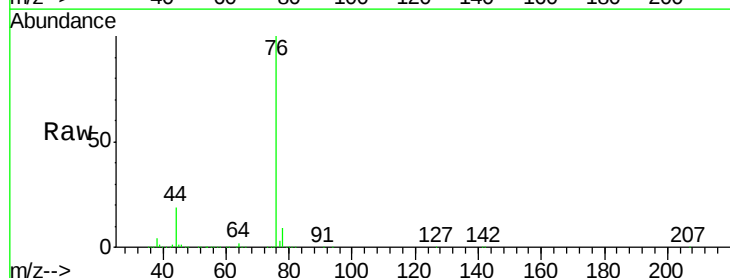
Acq: 22 Jun 2018 14:15

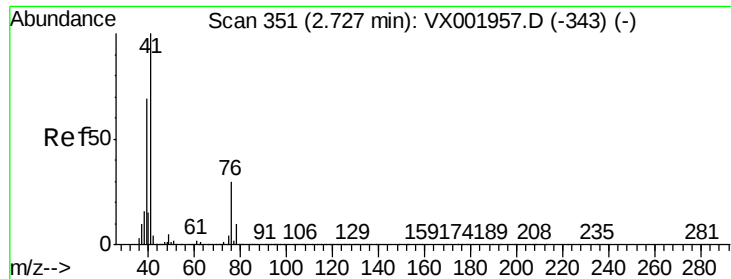
Tgt Ion: 76 Resp: 108913

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

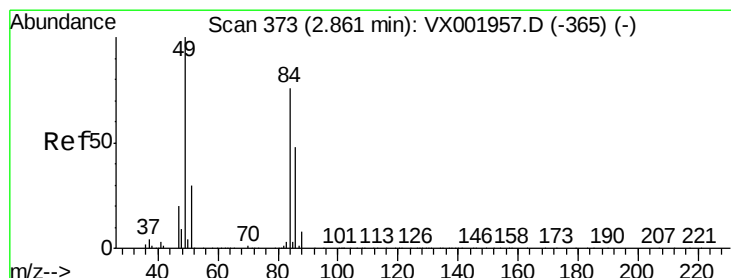
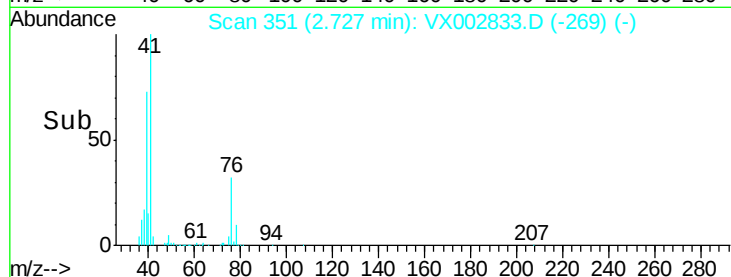
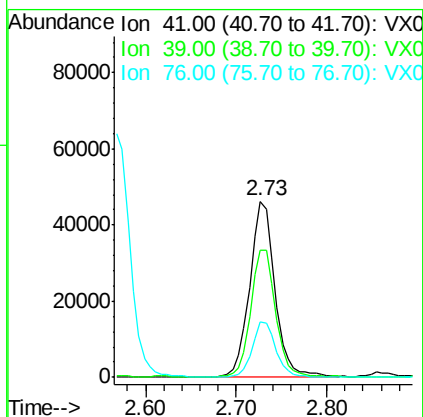
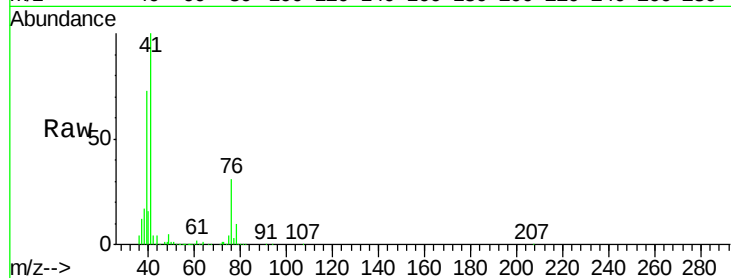




#17
Allvl chloride
Concen: 19.05 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

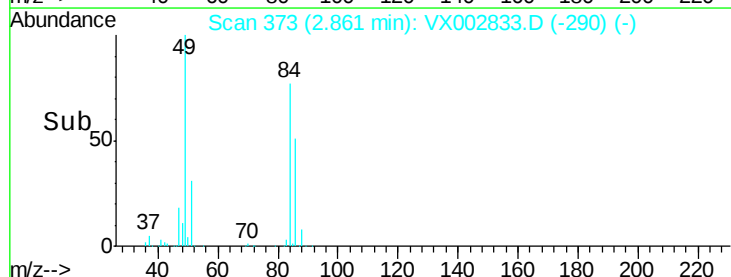
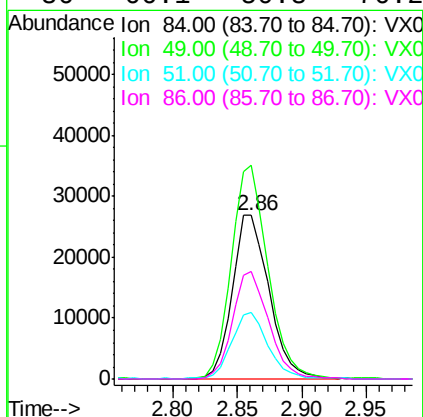
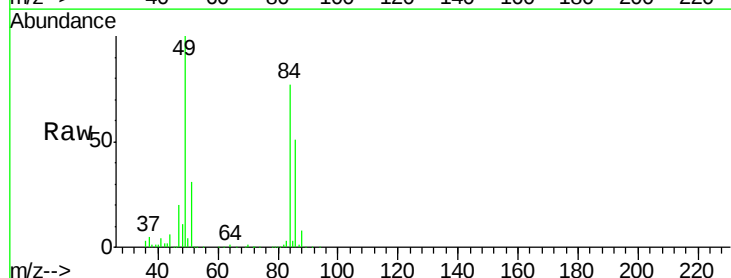
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

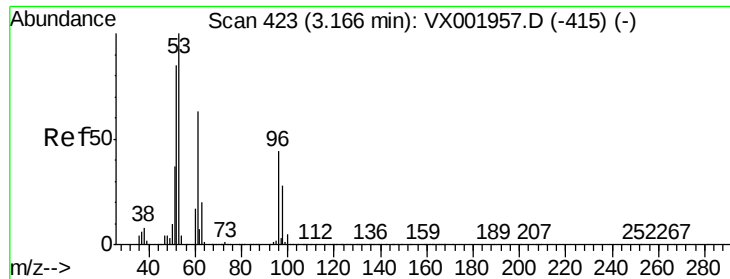
Tot Ion: 41 Resp: 88842
Ion Ratio Lower Upper
41 100
39 72.4 34.6 103.8
76 31.4 15.0 45.1



#18
Methylene Chloride
Concen: 19.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 84 Resp: 53448
Ion Ratio Lower Upper
84 100
49 130.5 104.7 157.1
51 39.9 31.0 46.4
86 66.1 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 18.99 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

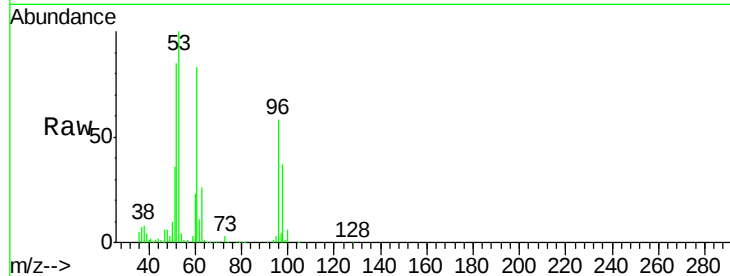
Tot Ion: 96 Resp: 47730

Ion Ratio Lower Upper

96 100

61 143.4 114.6 172.0

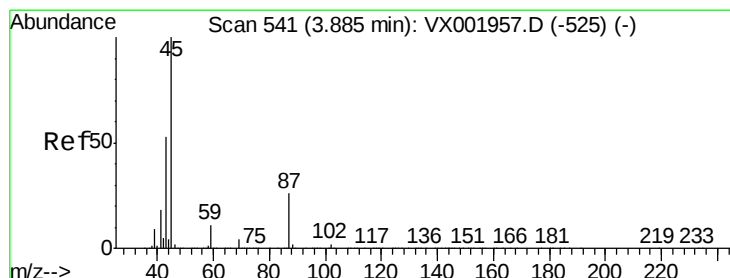
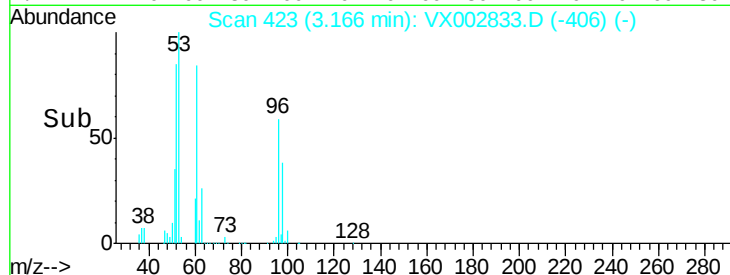
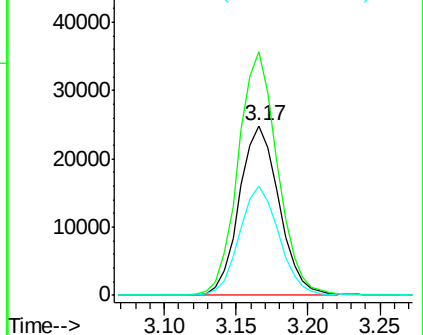
98 64.2 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.55 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Tgt Ion: 45 Resp: 169913

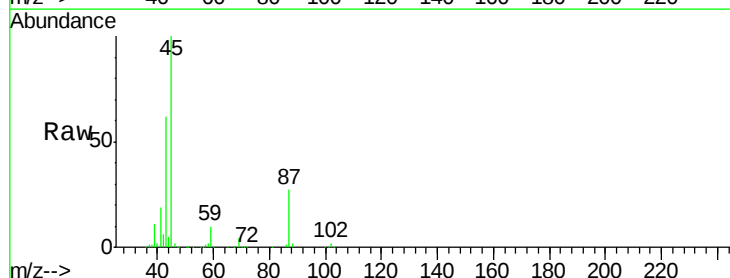
Ion Ratio Lower Upper

45 100

43 60.8 45.6 68.4

87 26.6 20.7 31.1

59 10.4 8.9 13.3

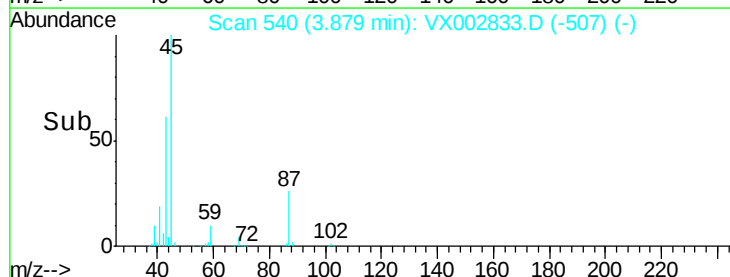
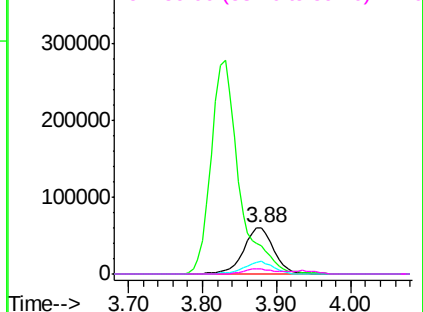


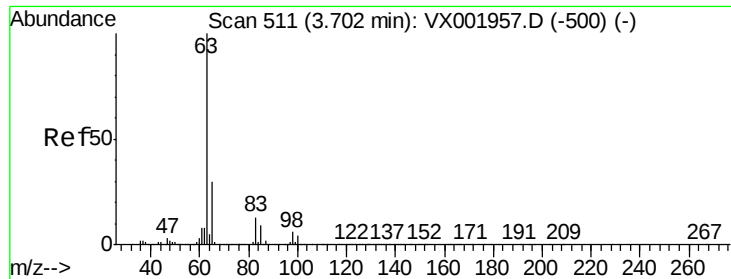
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 20.16 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

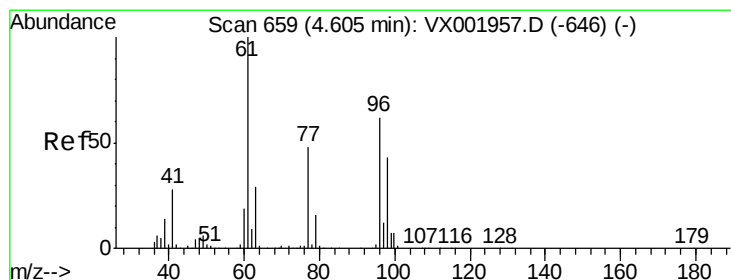
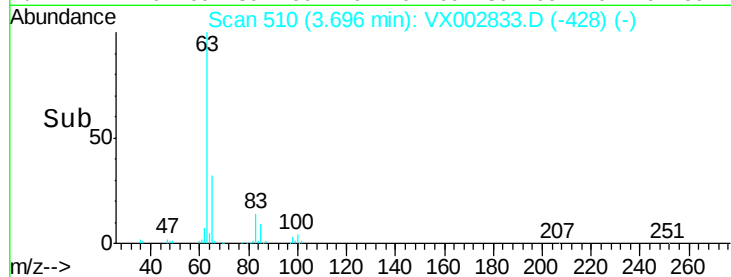
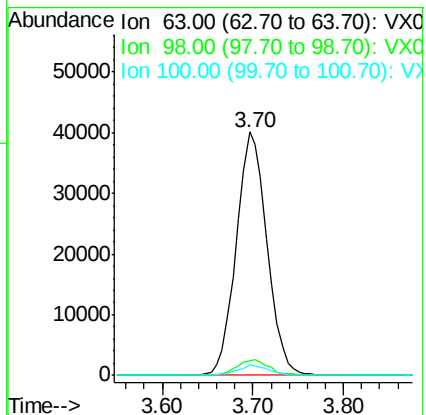
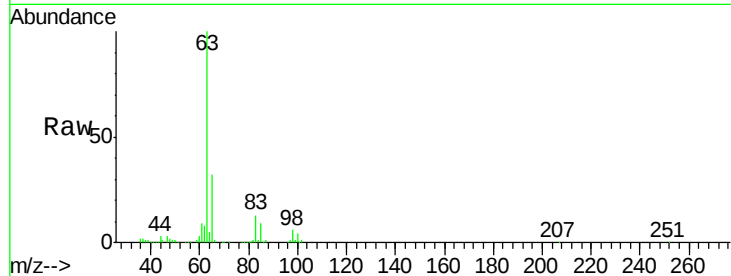
Tot Ion: 63 Resp: 94212

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 4.2 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.01 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

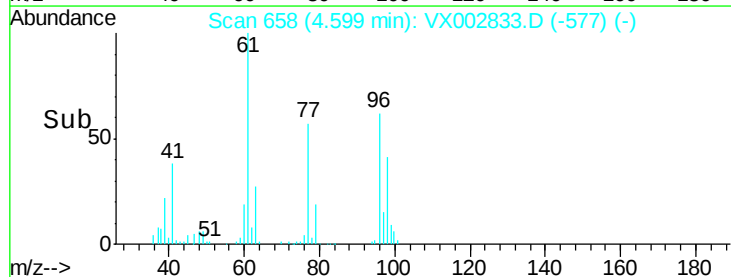
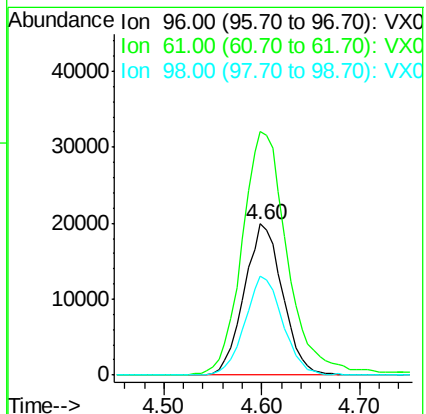
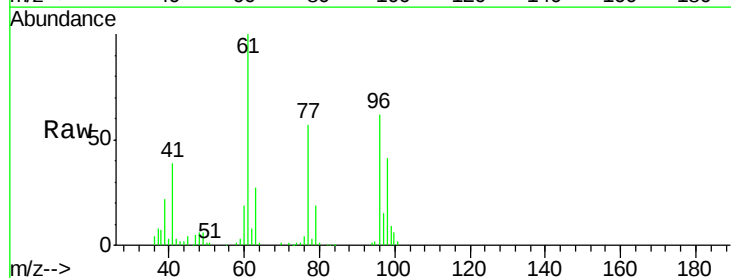
Tgt Ion: 96 Resp: 54043

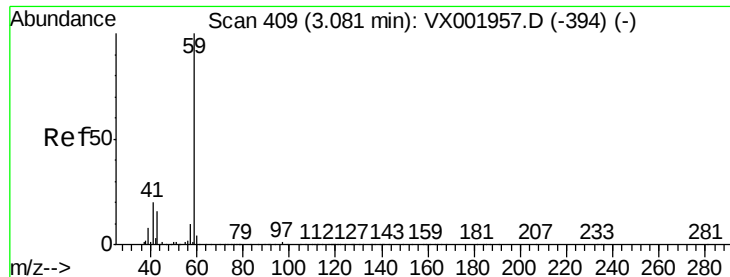
Ion Ratio Lower Upper

96 100

61 189.5 160.2 240.2

98 64.8 54.1 81.1



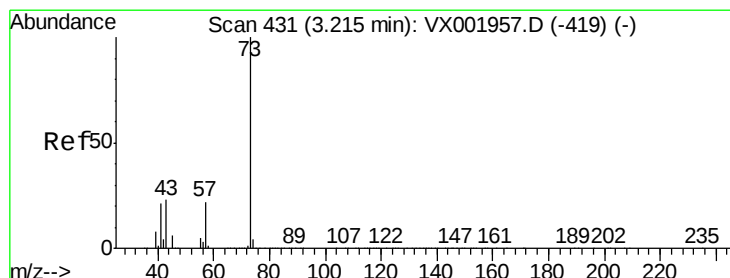
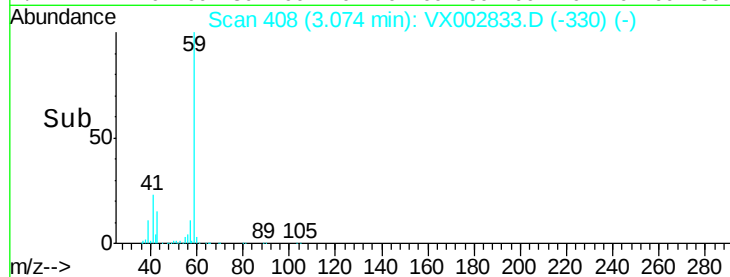
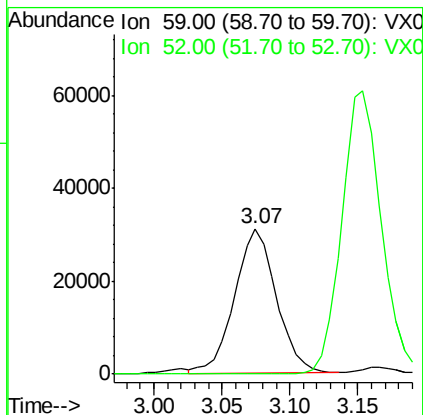
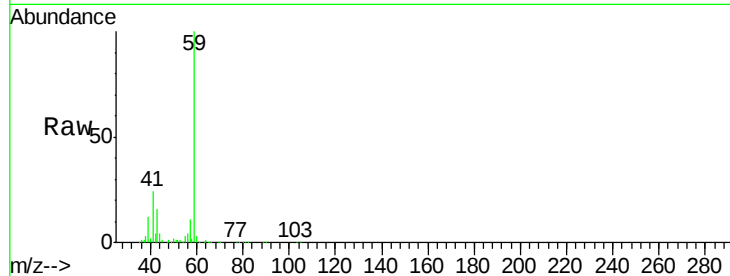


#23

tert-Butyl Alcohol
 Concen: 102.69 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

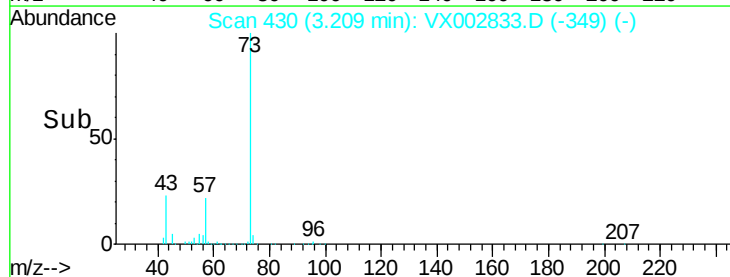
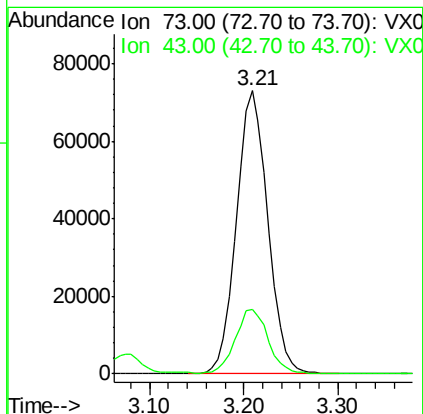
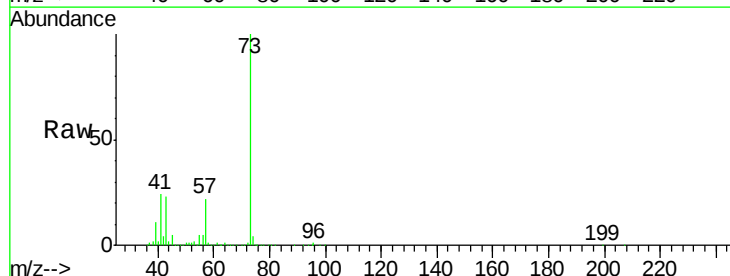
Tot Ion: 59 Resp: 66693
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

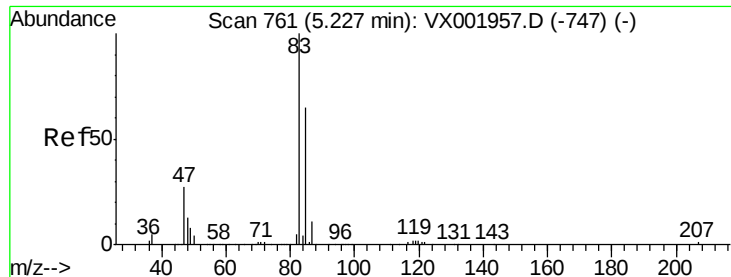


#24

Methyl tert-Butyl Ether
 Concen: 19.44 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion: 73 Resp: 170121
 Ion Ratio Lower Upper
 73 100
 43 23.2 19.0 28.4





#25

Chloroform

Concen: 20.84 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

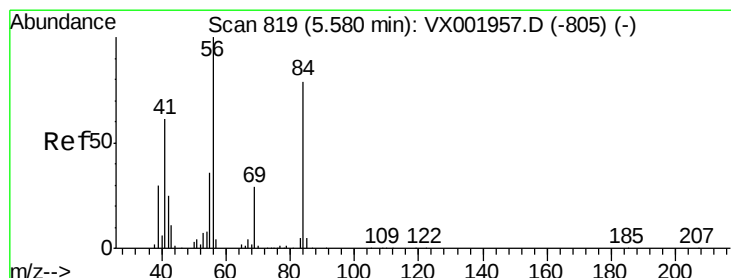
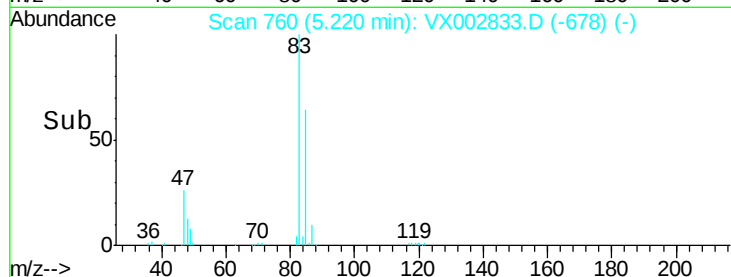
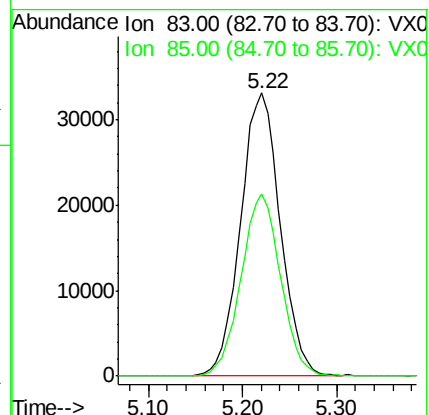
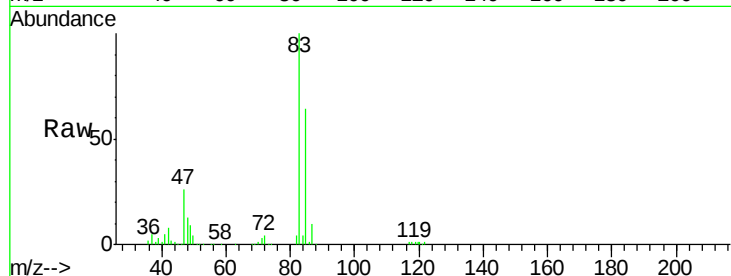
VX0622WBSD01

Tot Ion: 83 Resp: 97731

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9



#26

Cyclohexane

Concen: 19.04 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

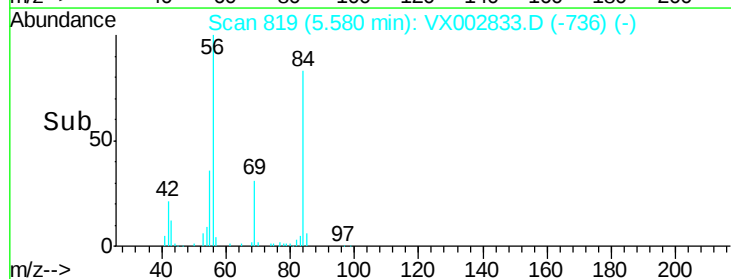
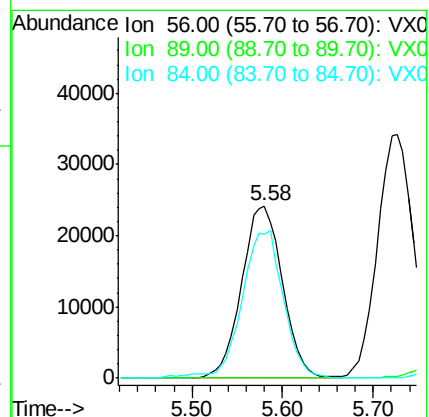
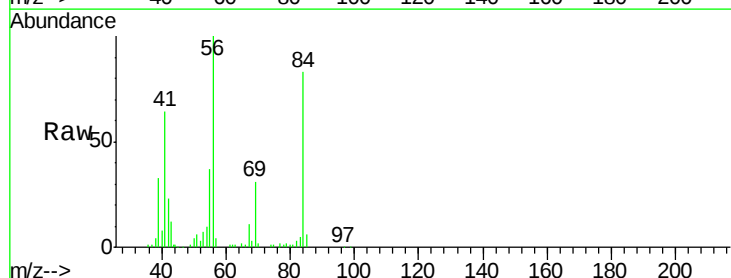
Tgt Ion: 56 Resp: 75577

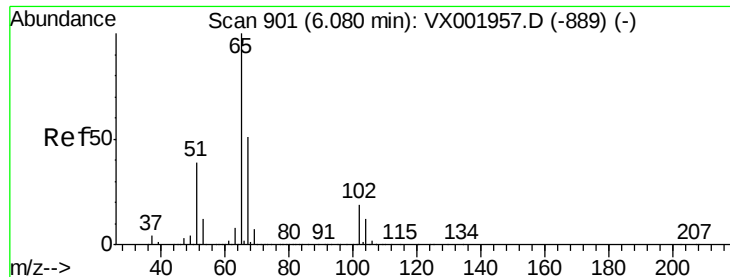
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.4 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 30.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

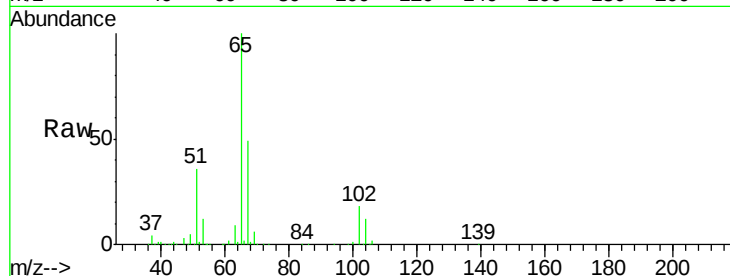
VX0622WBSD01

Tot Ion: 65 Resp: 105313

Ion Ratio Lower Upper

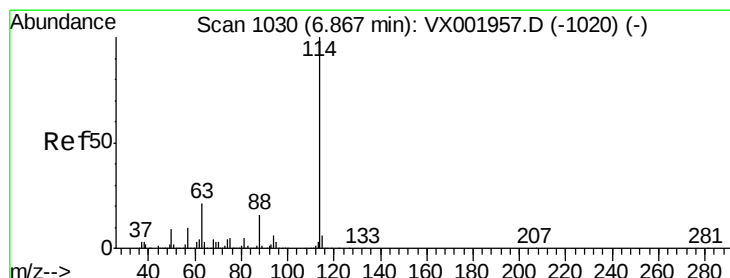
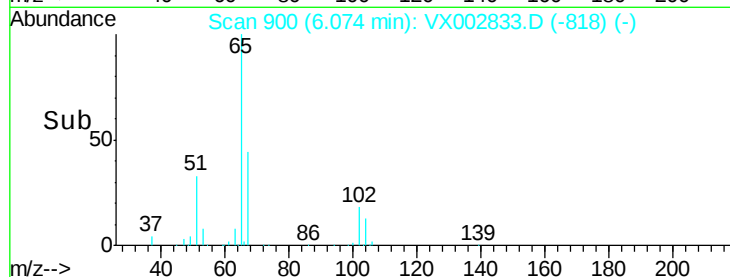
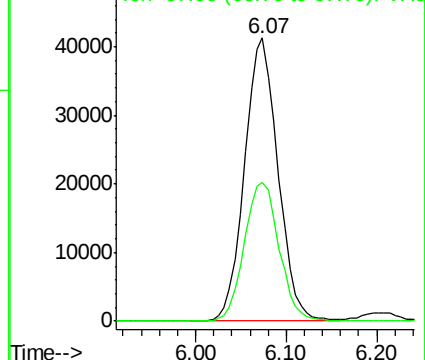
65 100

67 50.8 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

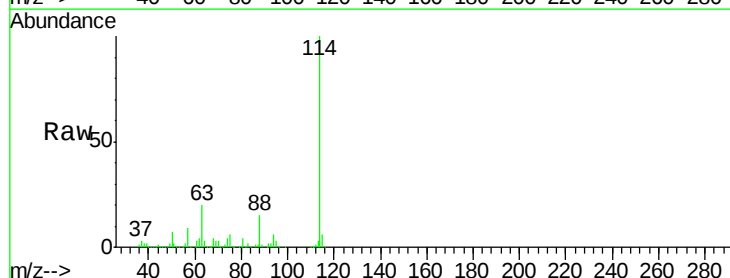
Tgt Ion: 114 Resp: 241482

Ion Ratio Lower Upper

114 100

63 20.2 17.1 25.7

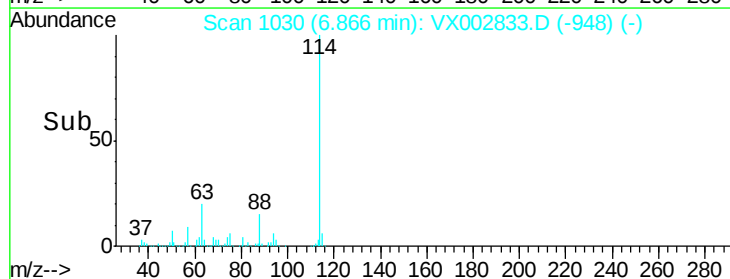
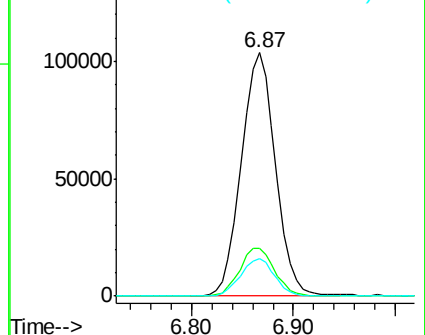
88 15.5 12.6 19.0

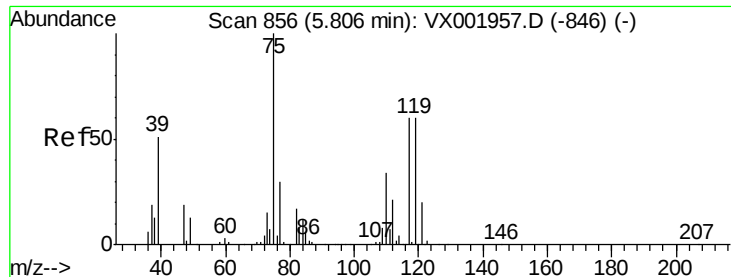


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.79 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

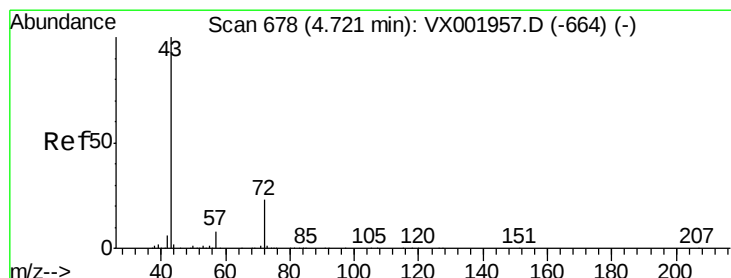
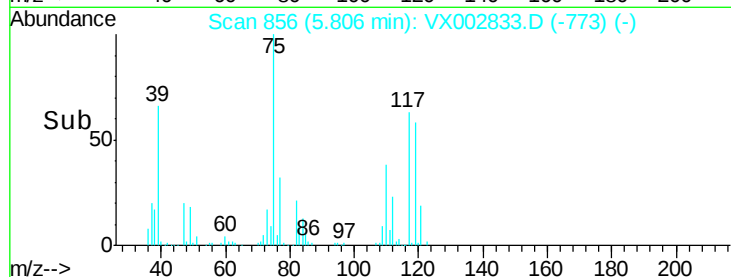
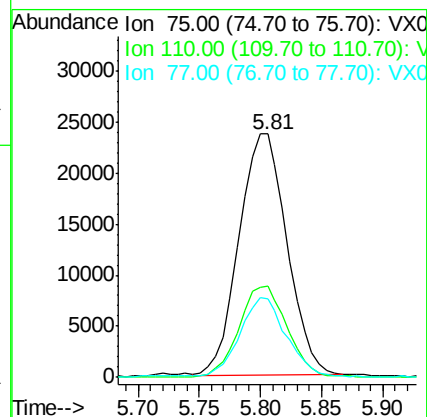
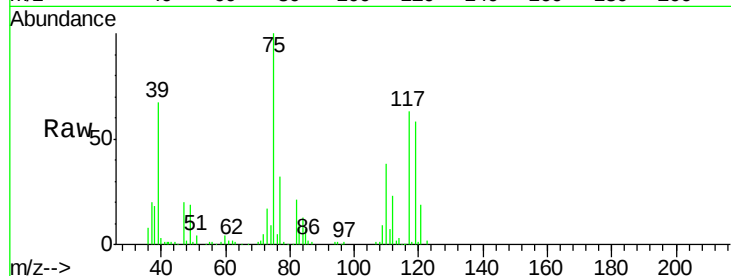
Tot Ion: 75 Resp: 64525

Ion Ratio Lower Upper

75 100

110 38.1 0.0 71.4

77 32.4 0.0 60.6



#30

2-Butanone

Concen: 111.89 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

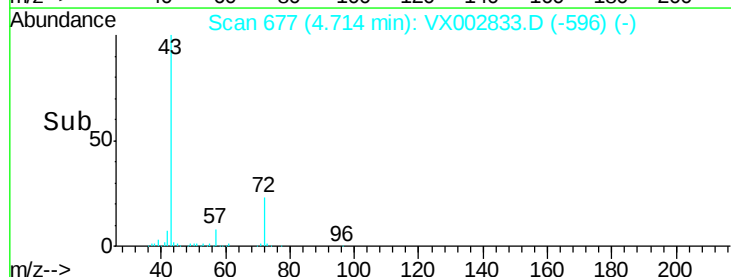
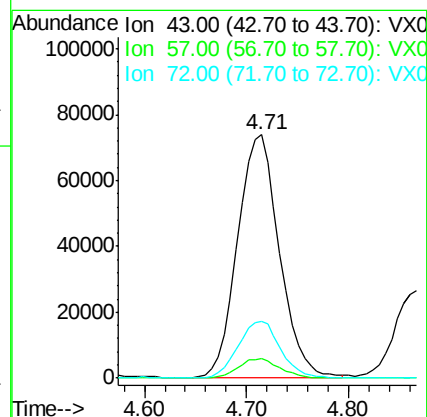
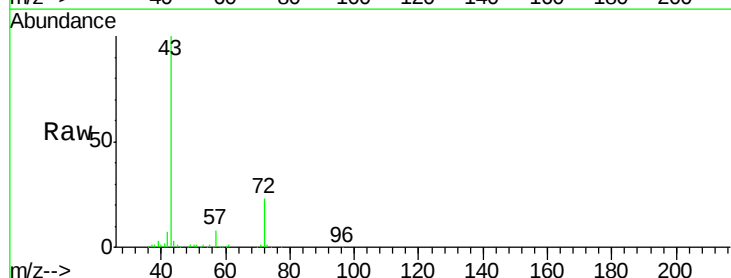
Tgt Ion: 43 Resp: 208794

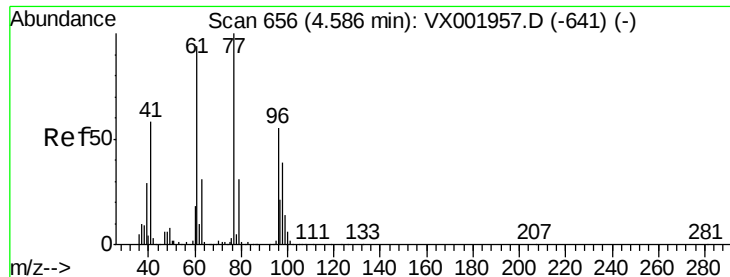
Ion Ratio Lower Upper

43 100

57 8.0 6.1 9.1

72 23.9 18.1 27.1





#31

2,2-Dichloropropane

Concen: 19.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

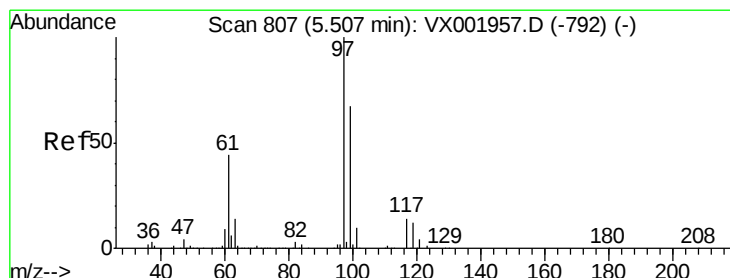
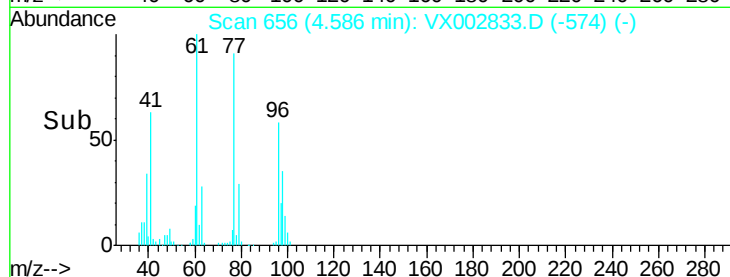
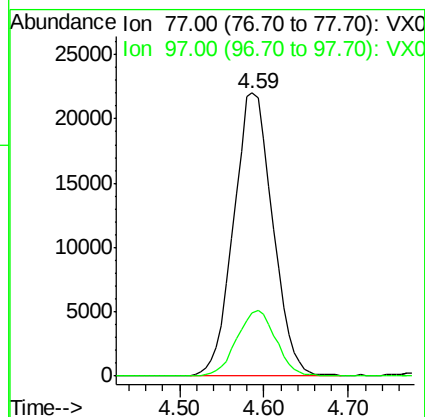
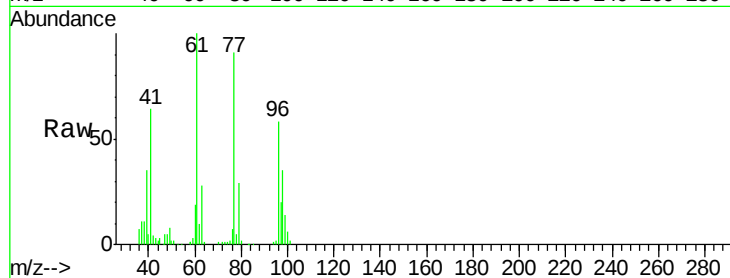
VX0622WBSD01

Tot Ion: 77 Resp: 69356

Ion Ratio Lower Upper

77 100

97 23.1 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 20.42 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

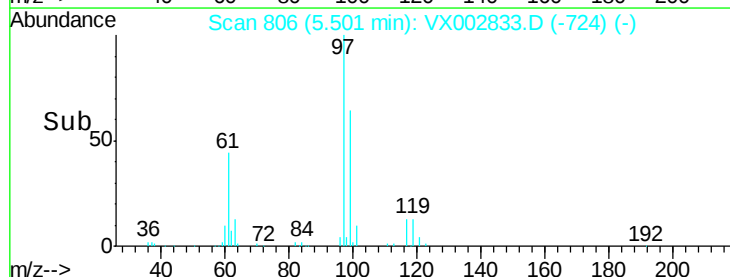
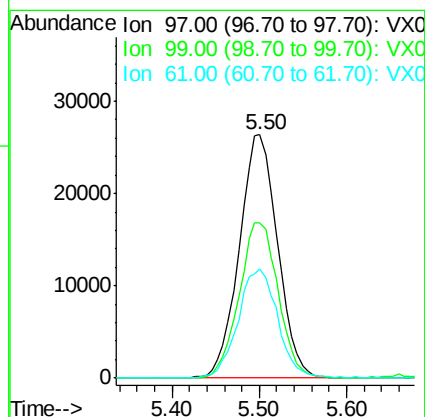
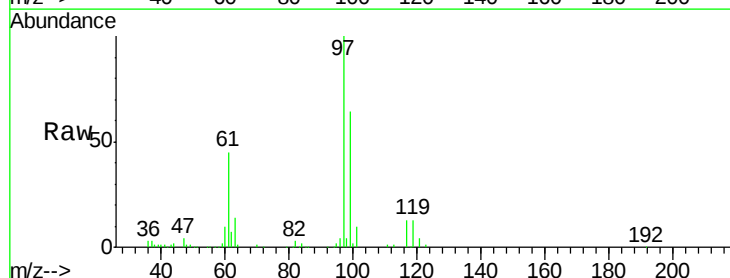
Tgt Ion: 97 Resp: 80443

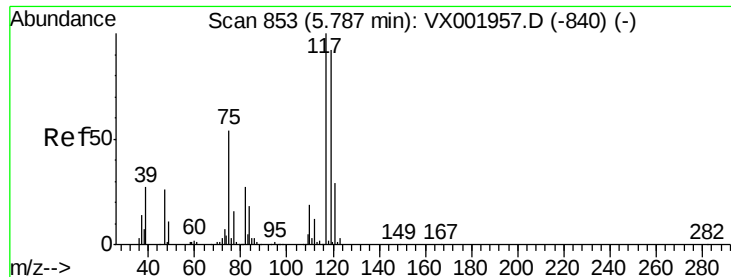
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 46.0 36.4 54.6





#33

Carbon Tetrachloride

Concen: 20.39 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

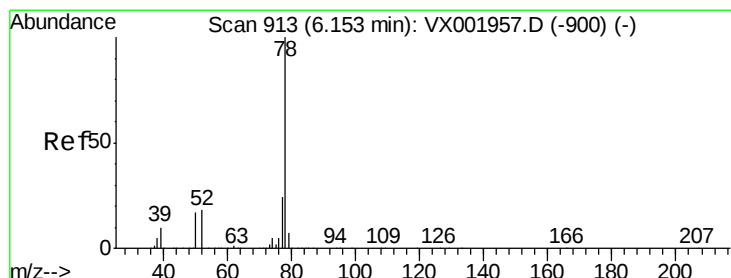
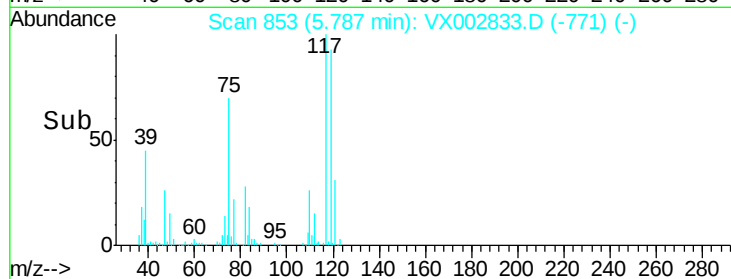
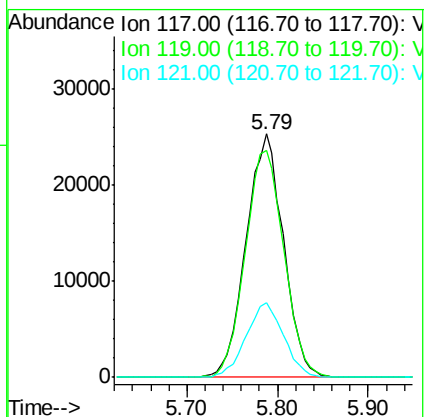
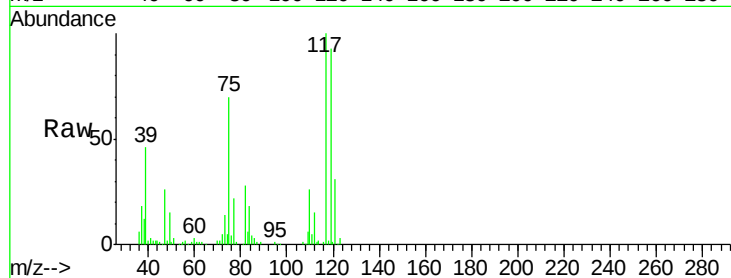
Tot Ion:117 Resp: 72215

Ion Ratio Lower Upper

117 100

119 93.3 73.3 109.9

121 30.7 23.6 35.4



#34

Benzene

Concen: 20.75 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

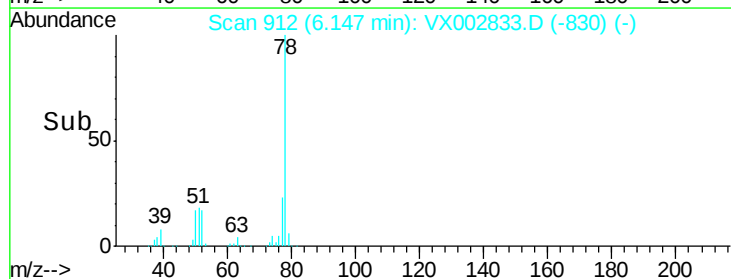
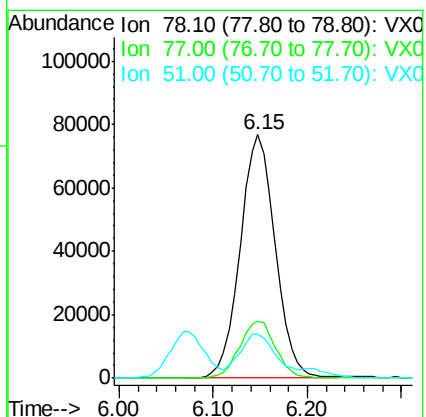
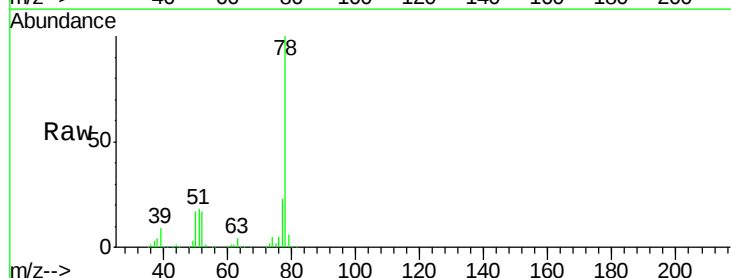
Tgt Ion: 78 Resp: 200407

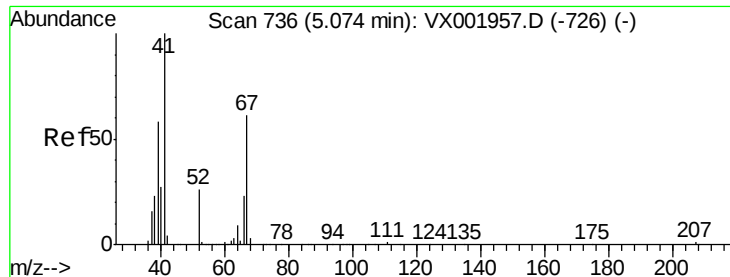
Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.0

51 16.7 13.8 20.6

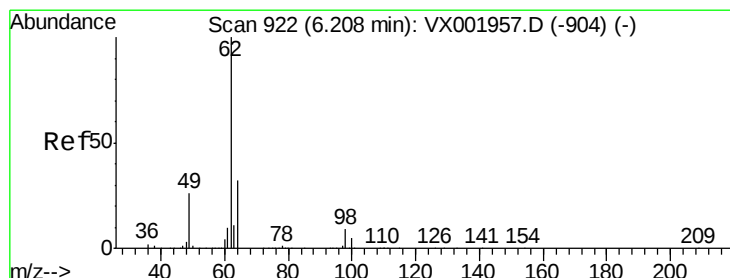
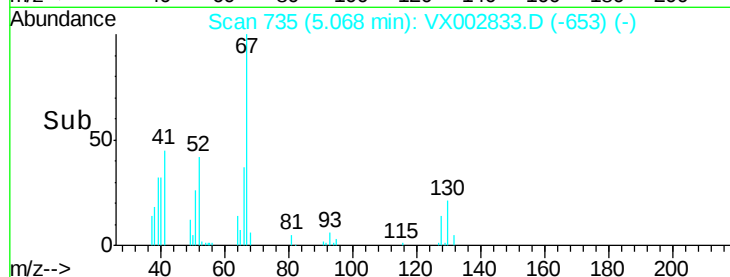
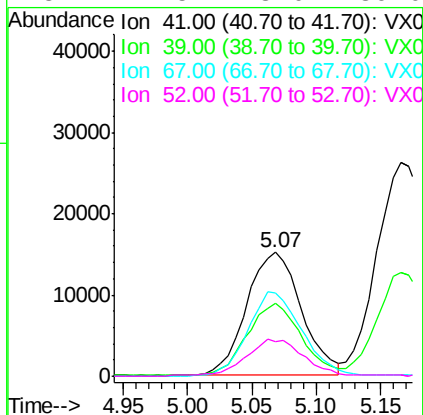
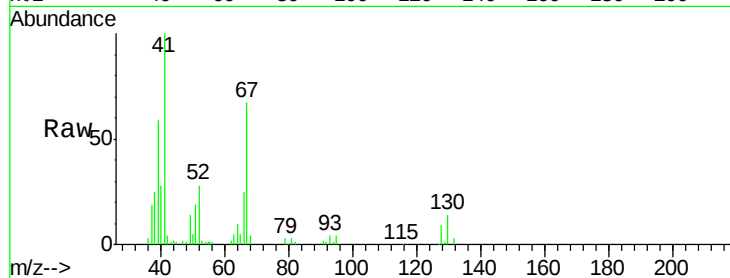




#35
Methacrylonitrile
Concen: 22.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

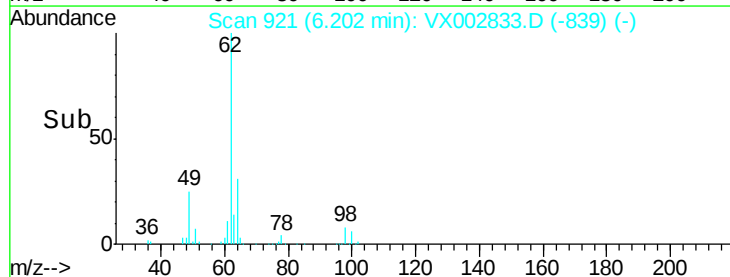
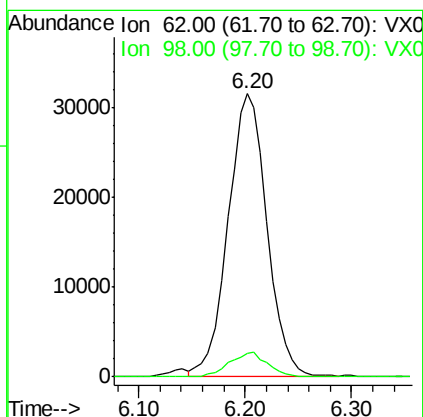
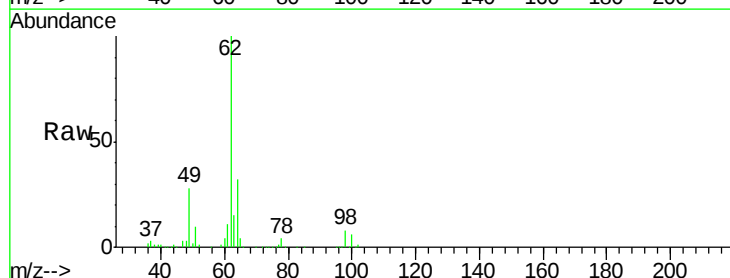
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

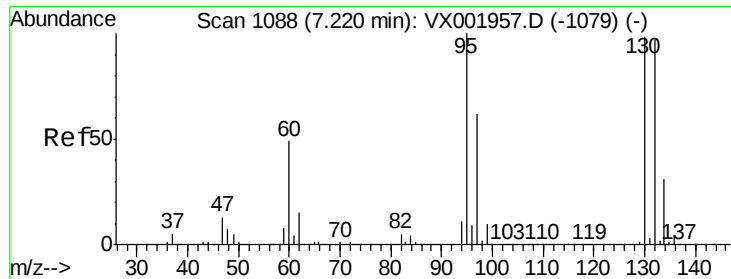
Tot Ion:	41	Resp:	44854
Ion	Ratio	Lower	Upper
41	100		
39	58.0	28.8	86.5
67	67.6	30.4	91.2
52	27.5	13.0	39.0



#36
1,2-Dichloroethane
Concen: 21.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion:	62	Resp:	80790
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7

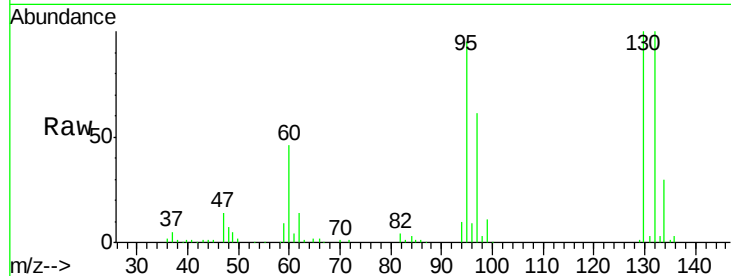




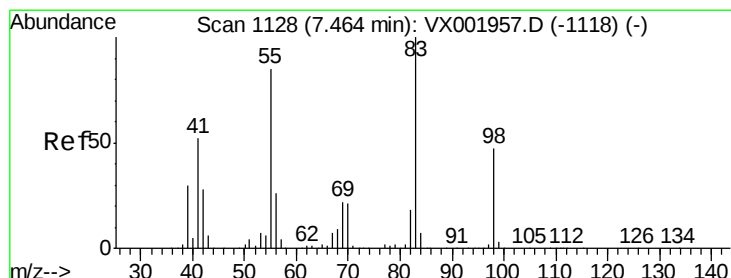
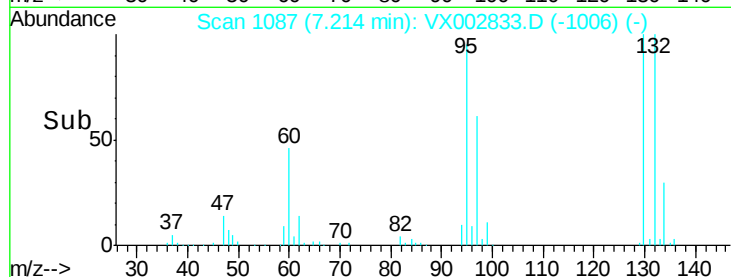
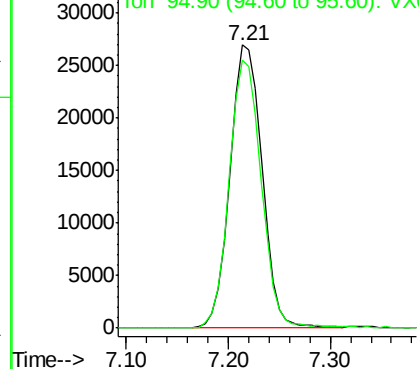
#37
 Trichloroethene
 Concen: 20.81 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Tot Ion:130 Resp: 58851
 Ion Ratio Lower Upper
 130 100
 95 94.3 81.5 122.3

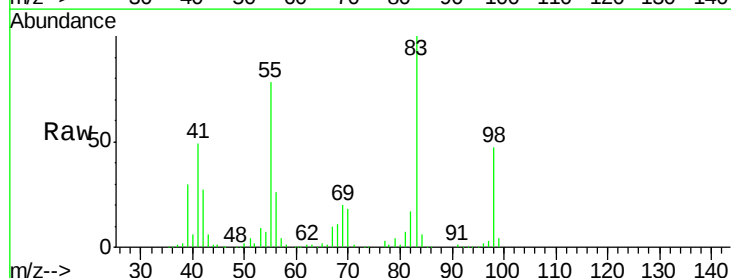


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

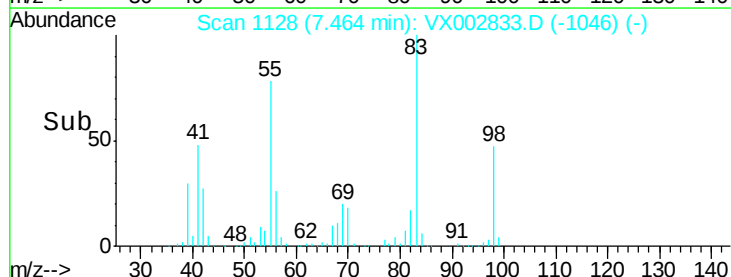
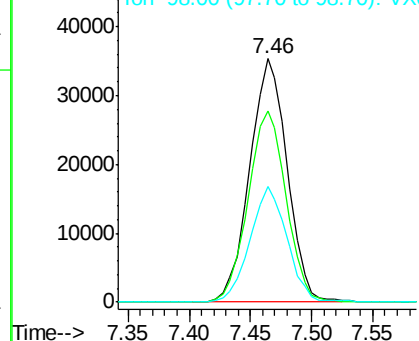


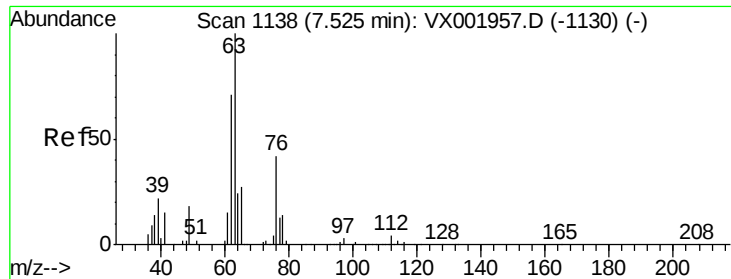
#38
 Methylcyclohexane
 Concen: 19.04 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion: 83 Resp: 75545
 Ion Ratio Lower Upper
 83 100
 55 79.6 40.6 121.8
 98 46.4 23.5 70.5



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

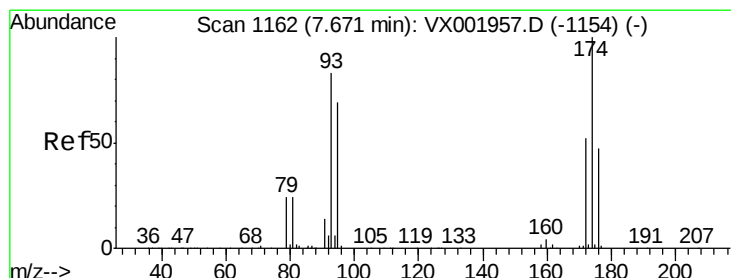
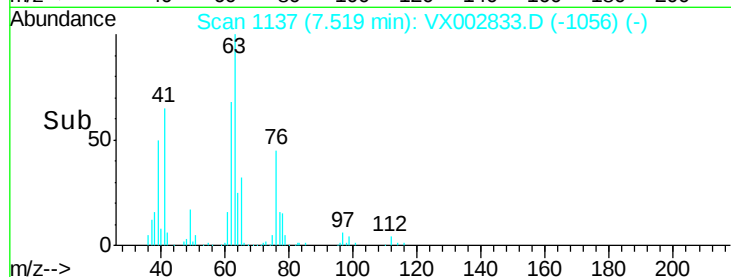
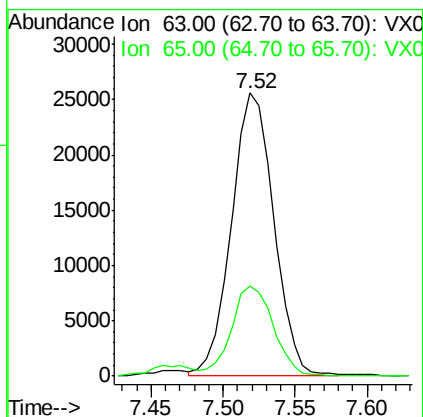
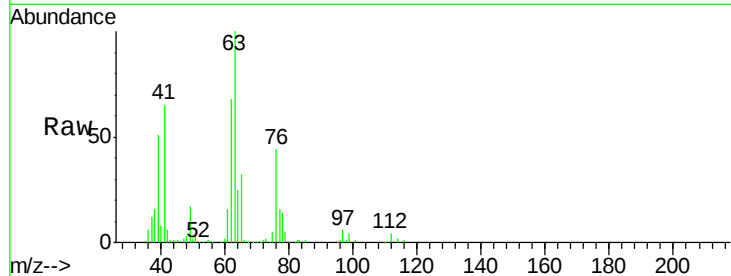




#39
 1,2-Dichloropropane
 Concen: 20.84 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

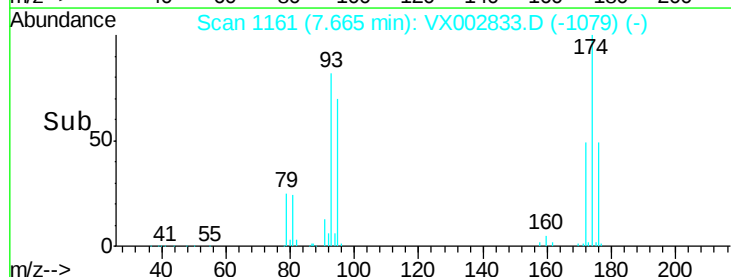
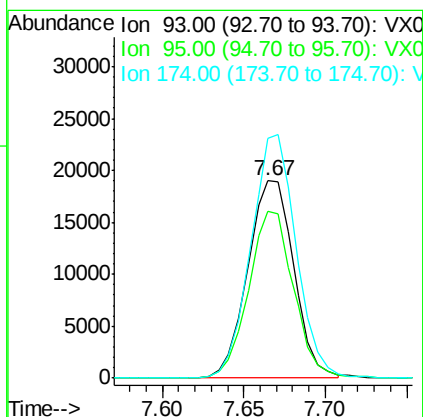
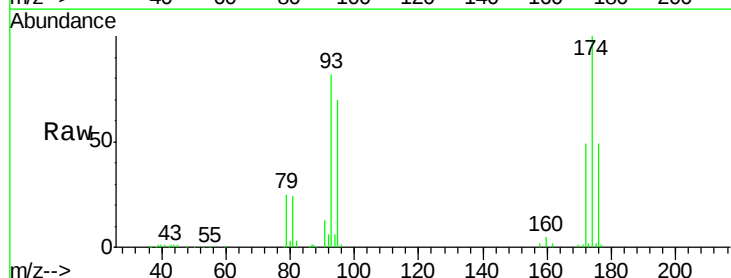
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

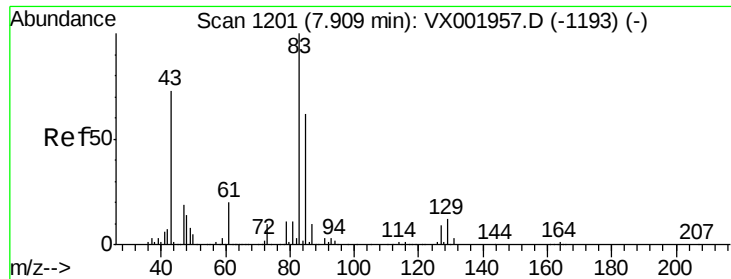
Tot Ion: 63 Resp: 52500
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.3 34.9



#40
 Dibromomethane
 Concen: 21.43 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion: 93 Resp: 37511
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 162.6
 174 120.6 0.0 229.4

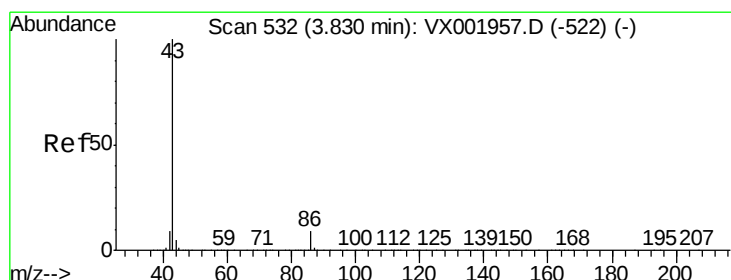
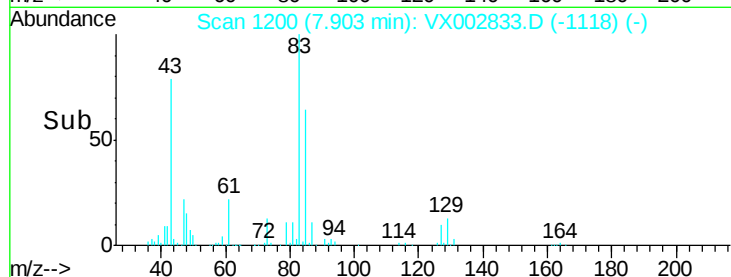
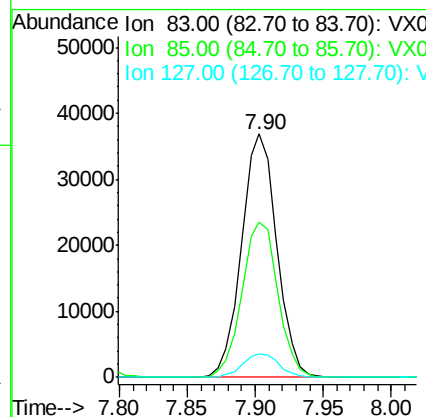
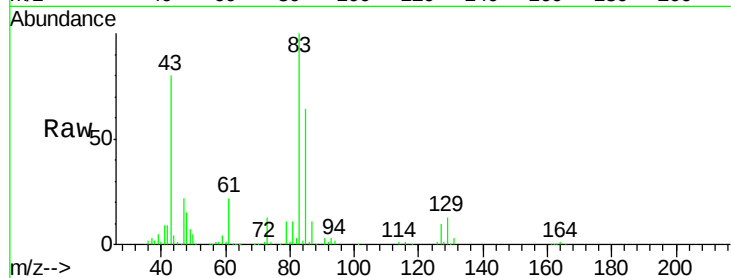




#41
 Bromodichloromethane
 Concen: 20.32 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

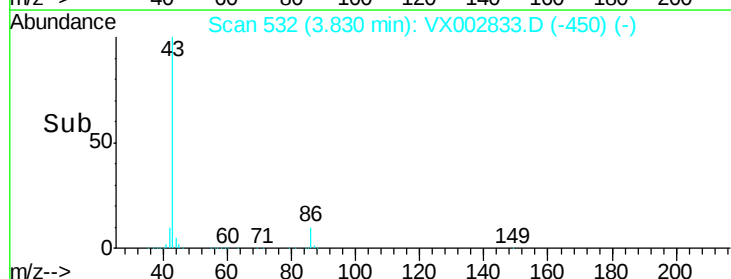
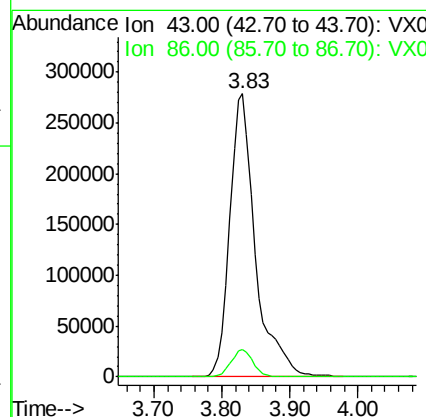
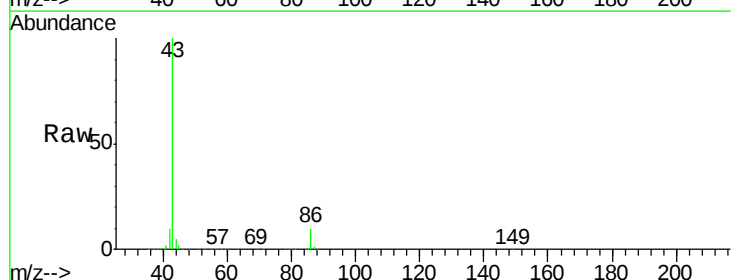
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

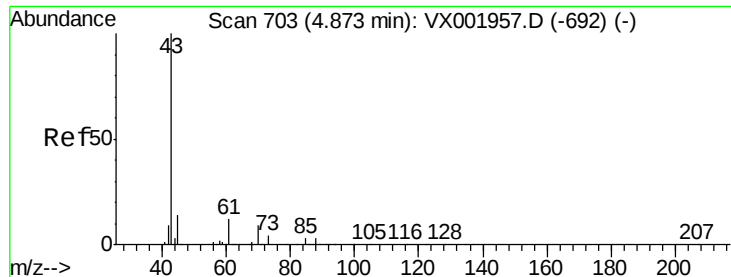
Tot Ion: 83 Resp: 66791
 Ion Ratio Lower Upper
 83 100
 85 64.0 49.8 74.8
 127 9.8 7.3 10.9



#42
 Vinyl Acetate
 Concen: 102.88 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion: 43 Resp: 728113
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1

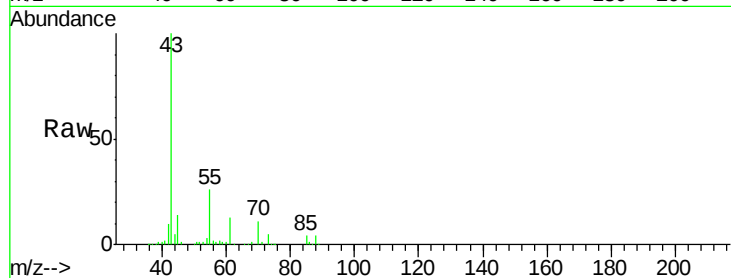




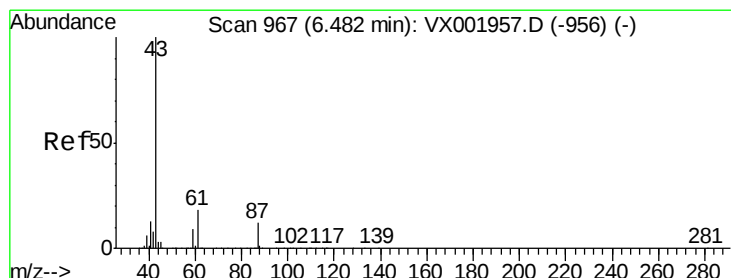
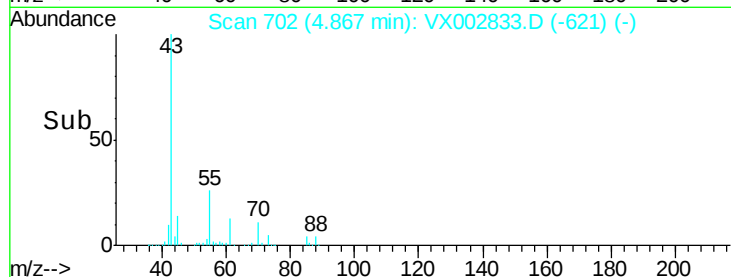
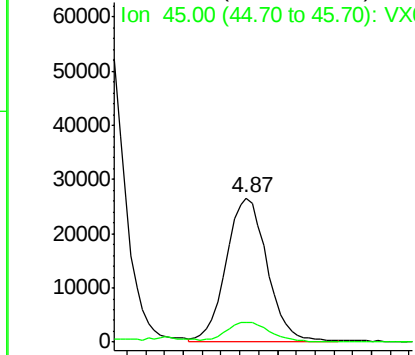
#43
Ethyl Acetate
Concen: 22.48 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion: 43 Resp: 80242
Ion Ratio Lower Upper
43 100
45 14.0 11.0 16.4

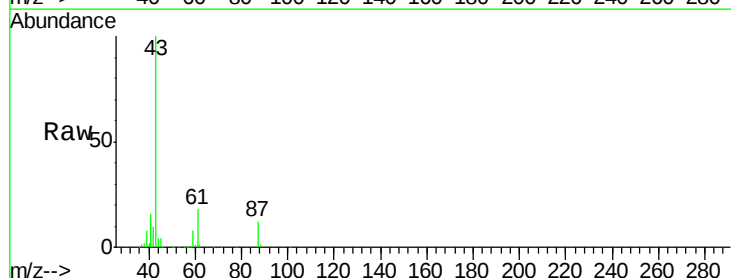


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 45.00 (44.70 to 45.70): VX0

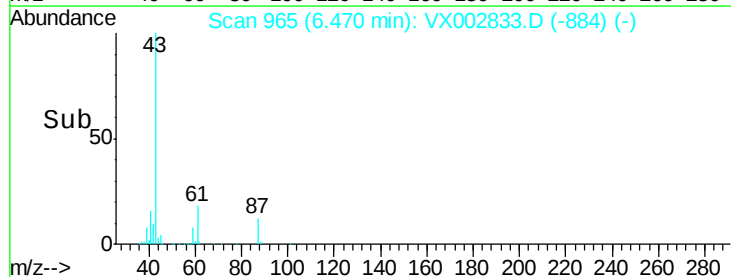
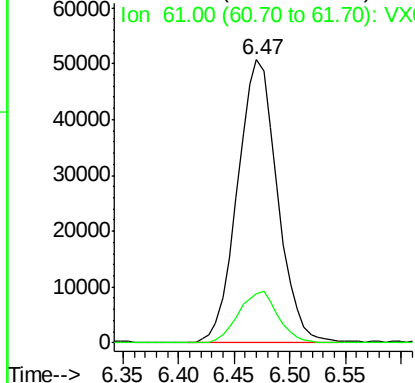


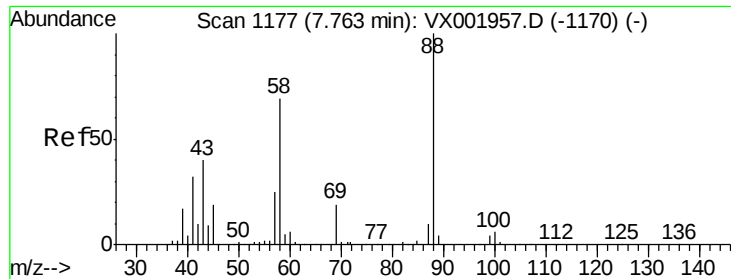
#44
Isopropyl Acetate
Concen: 21.13 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 43 Resp: 126345
Ion Ratio Lower Upper
43 100
61 18.3 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 441.25 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

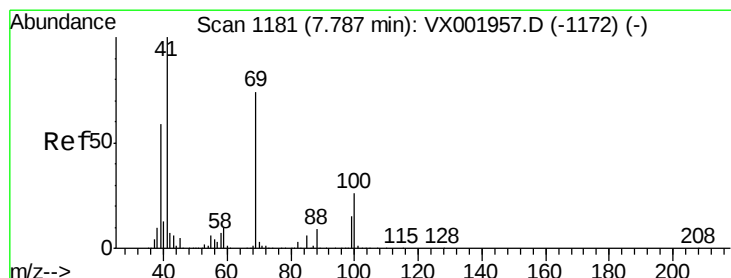
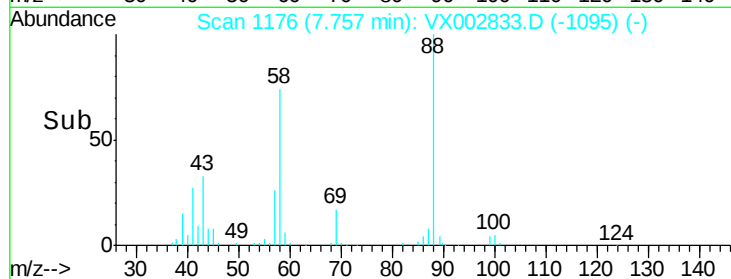
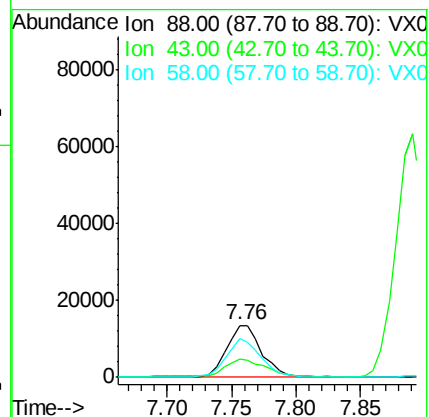
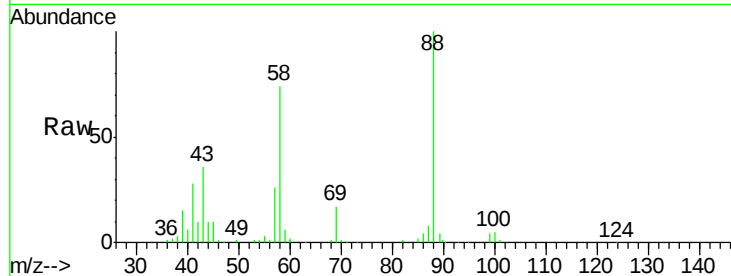
Tot Ion: 88 Resp: 25849

Ion Ratio Lower Upper

88 100

43 37.3 43.2 64.8#

58 72.6 60.2 90.2



#46

Methyl methacrylate

Concen: 21.65 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

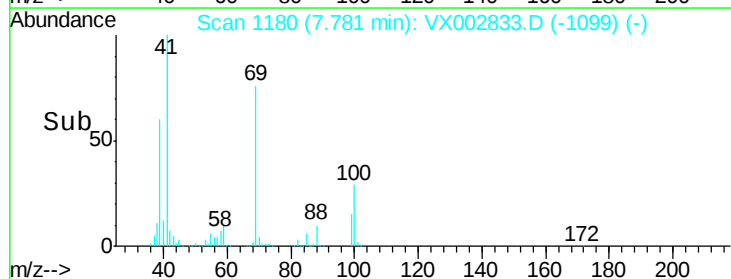
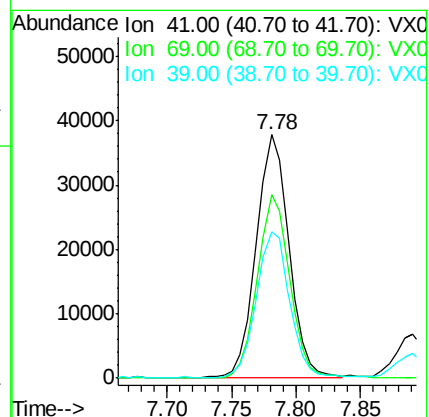
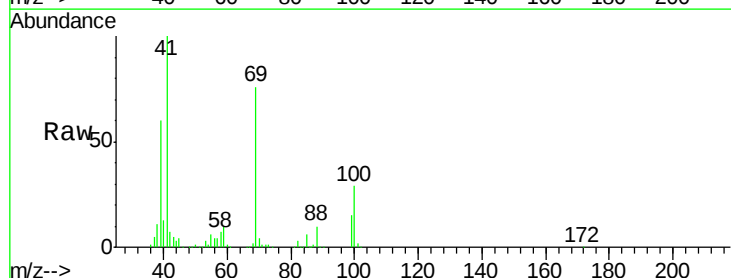
Tgt Ion: 41 Resp: 66153

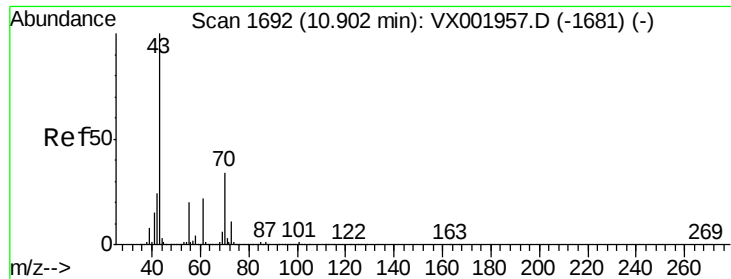
Ion Ratio Lower Upper

41 100

69 75.8 37.0 110.9

39 60.2 29.6 88.9

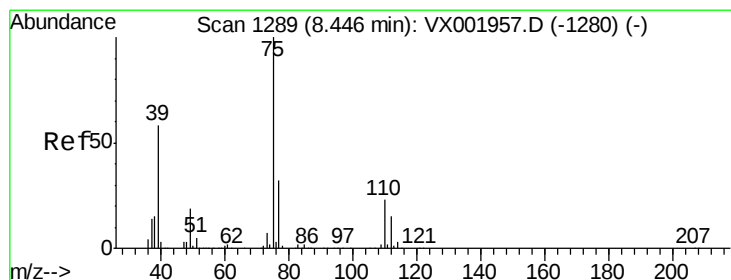
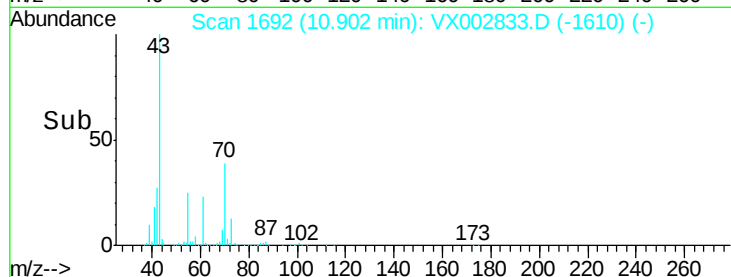
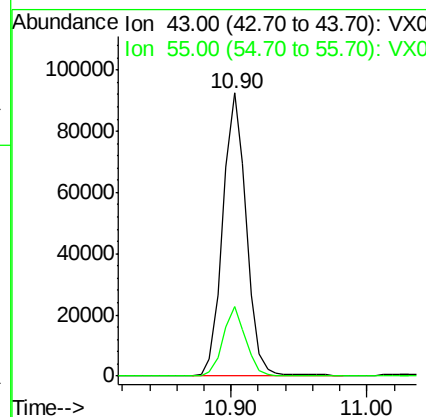
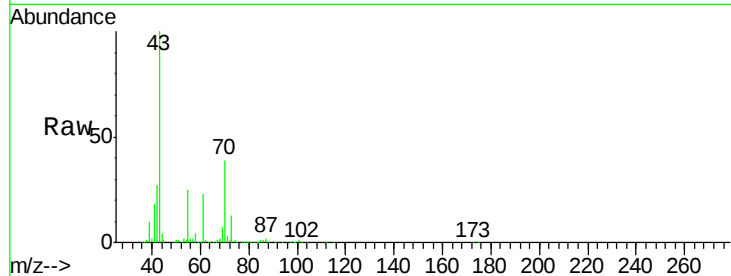




#47
n-amvl Acetate
Concen: 19.56 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

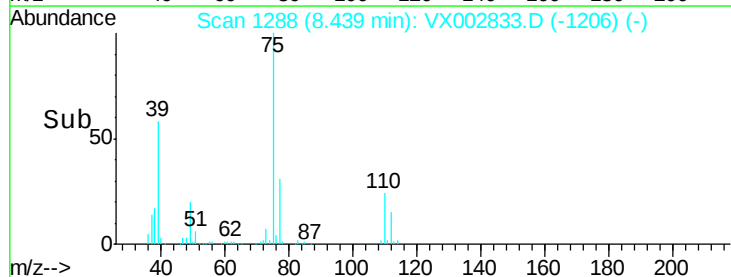
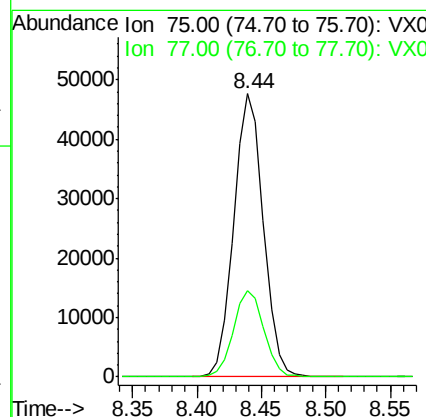
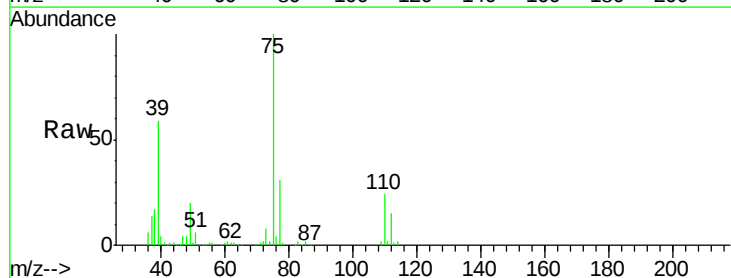
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

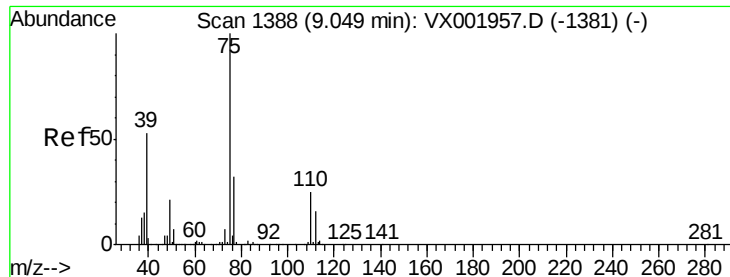
Tot Ion: 43 Resp: 110369
Ion Ratio Lower Upper
43 100
55 23.8 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 19.75 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 75 Resp: 76245
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.28 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

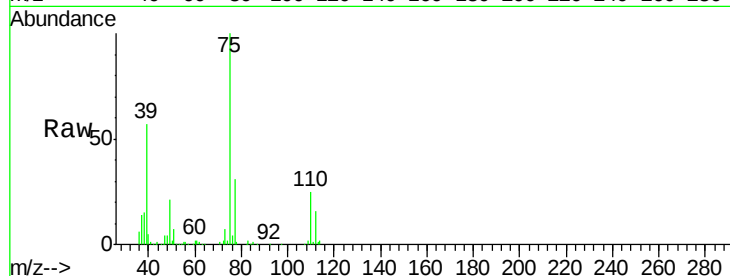
Tot Ion: 75 Resp: 69515

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

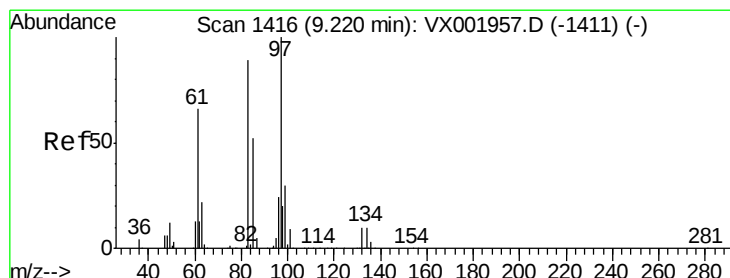
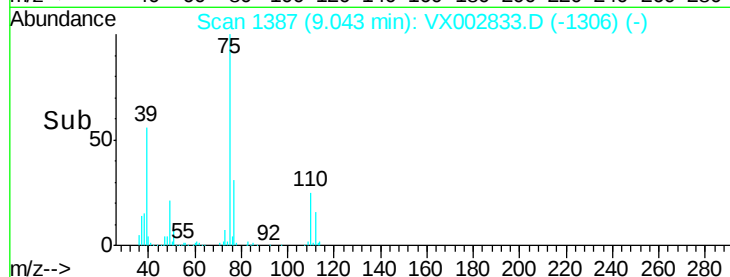
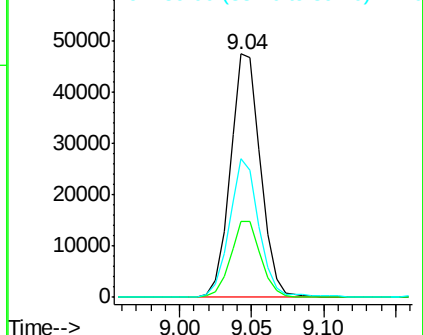
39 56.3 42.3 63.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 21.25 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Tgt Ion: 97 Resp: 54857

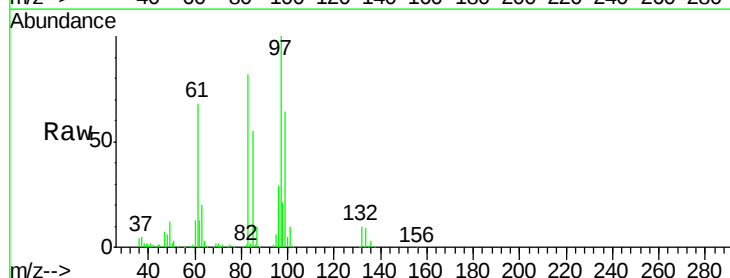
Ion Ratio Lower Upper

97 100

83 81.9 70.8 106.2

85 55.3 43.5 65.3

99 63.9 50.9 76.3

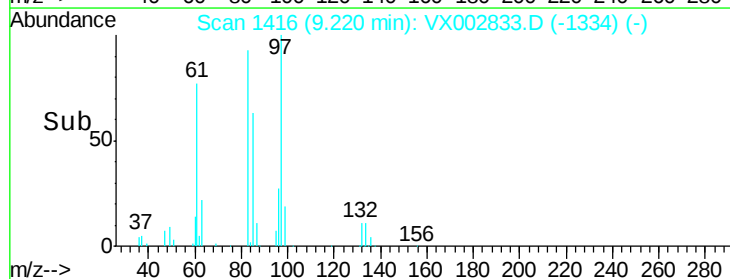
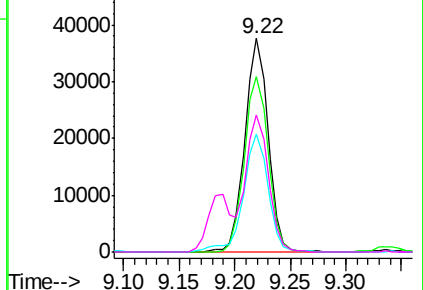


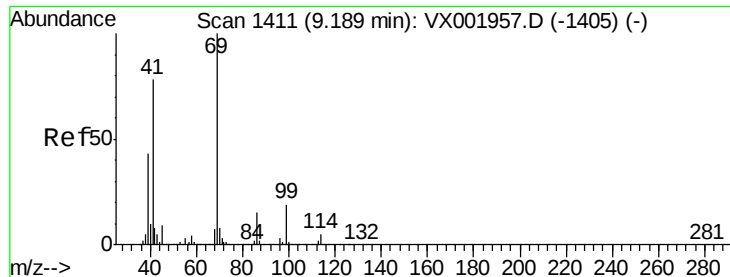
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 20.53 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

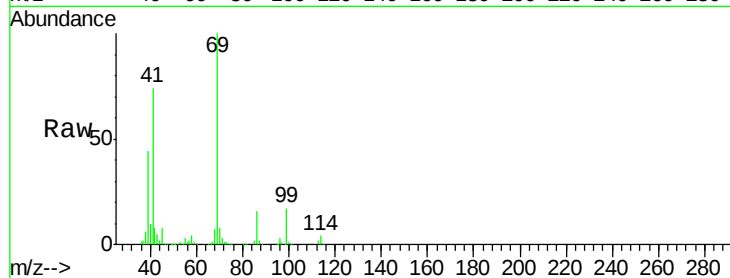
Tot Ion: 69 Resp: 80004

Ion Ratio Lower Upper

69 100

41 73.7 39.1 117.3

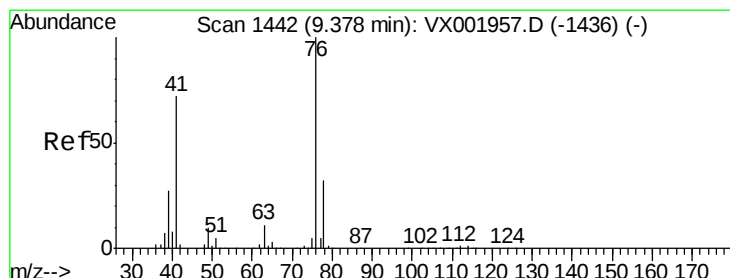
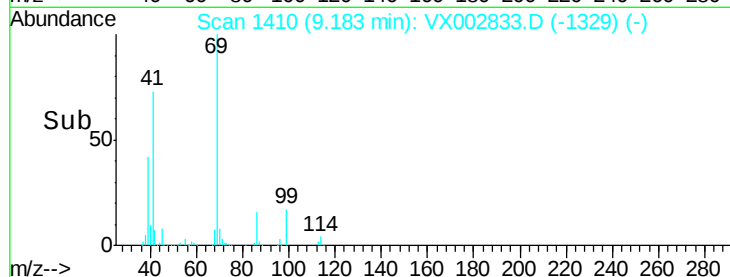
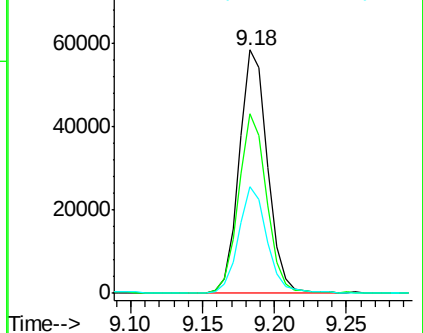
39 43.5 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 21.23 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002833.D

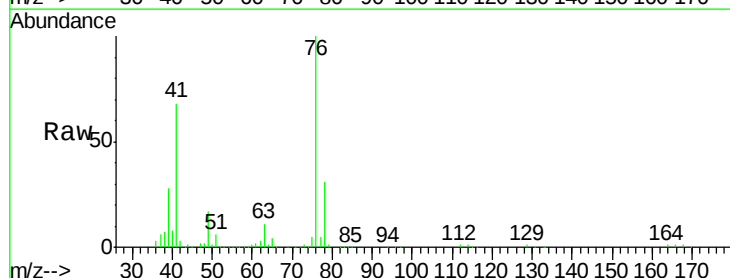
Acq: 22 Jun 2018 14:15

Tgt Ion: 76 Resp: 89539

Ion Ratio Lower Upper

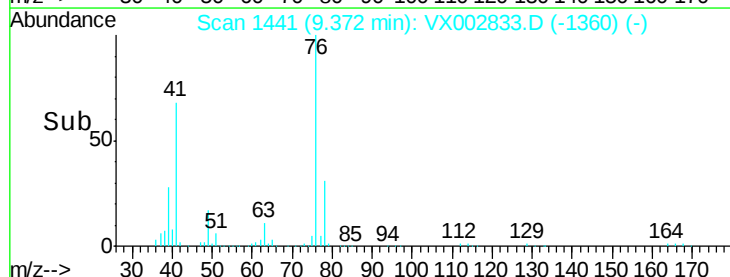
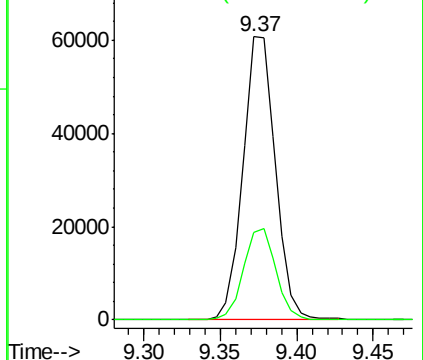
76 100

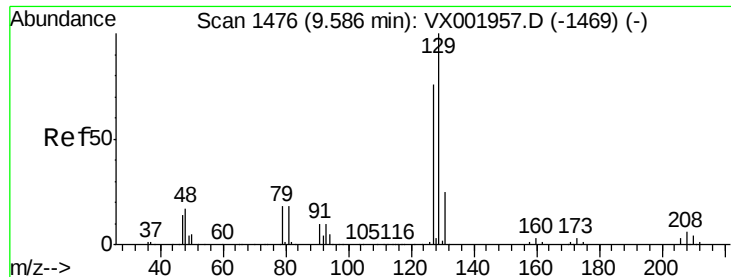
78 32.3 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.78 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

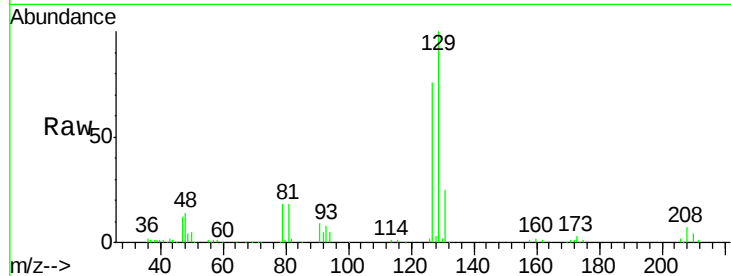
VX0622WBSD01

Tot Ion:129 Resp: 54208

Ion Ratio Lower Upper

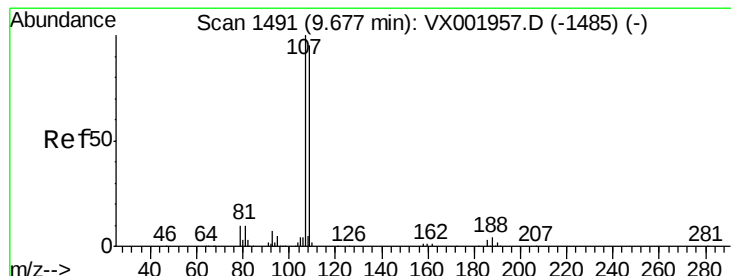
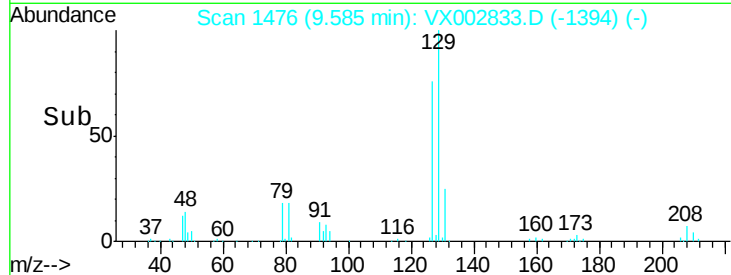
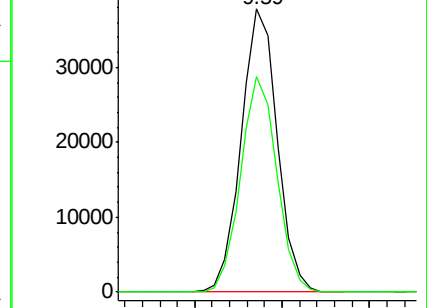
129 100

127 76.2 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.07 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002833.D

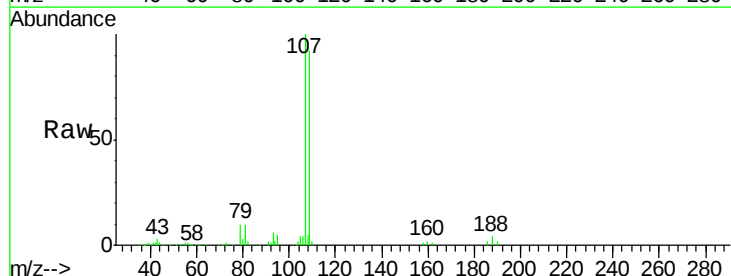
Acq: 22 Jun 2018 14:15

Tgt Ion:107 Resp: 57322

Ion Ratio Lower Upper

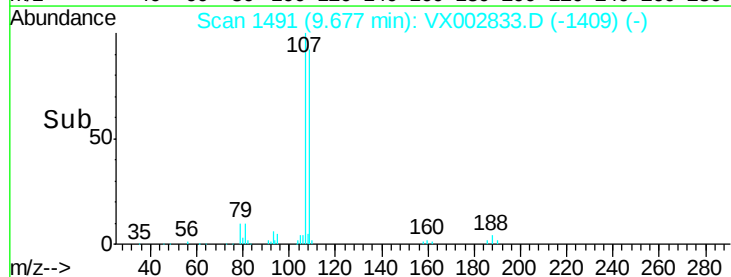
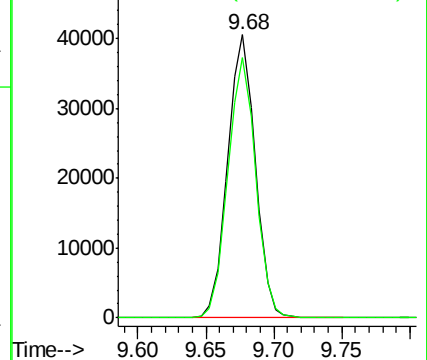
107 100

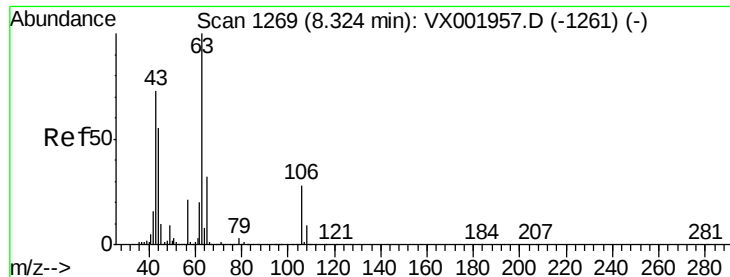
109 92.4 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 91.64 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

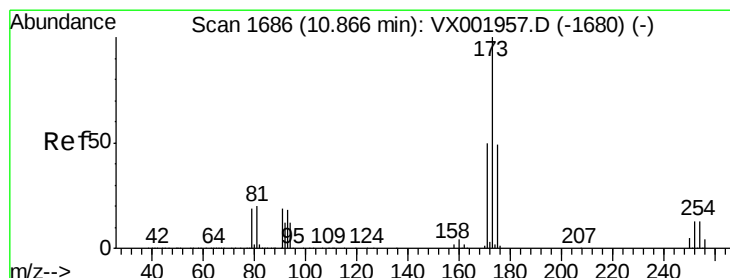
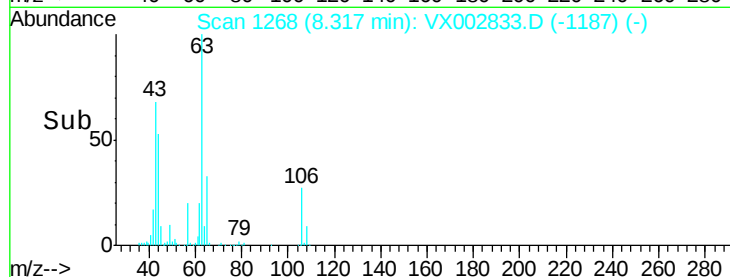
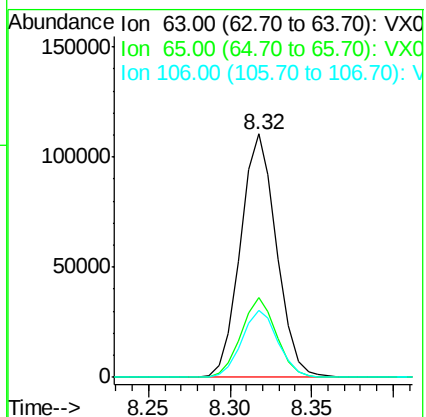
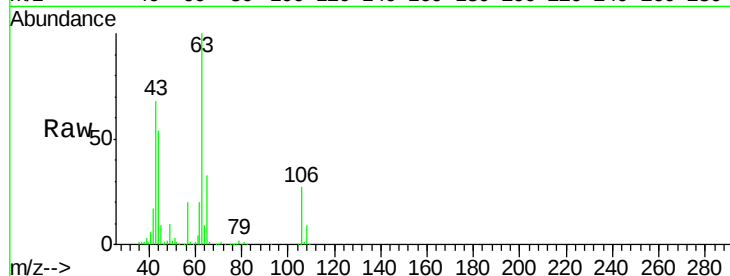
Tot Ion: 63 Resp: 169620

Ion Ratio Lower Upper

63 100

65 32.1 25.6 38.4

106 27.7 21.6 32.4



#56

Bromoform

Concen: 18.71 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

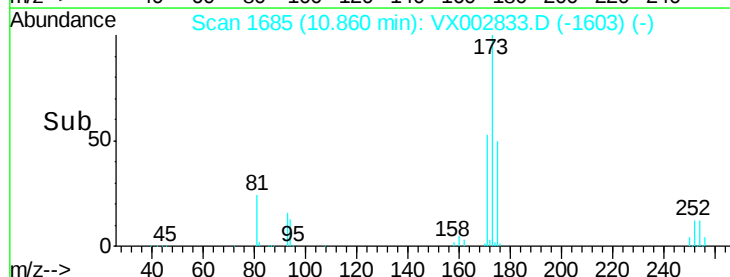
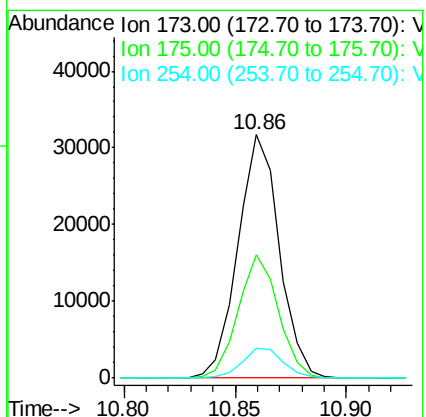
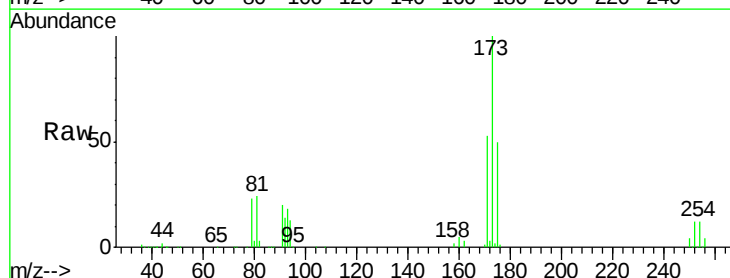
Tgt Ion:173 Resp: 40928

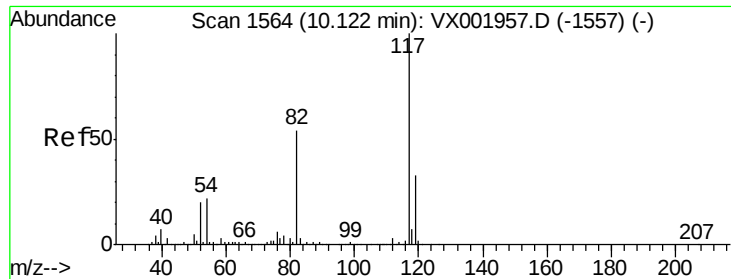
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 12.2 9.6 14.4

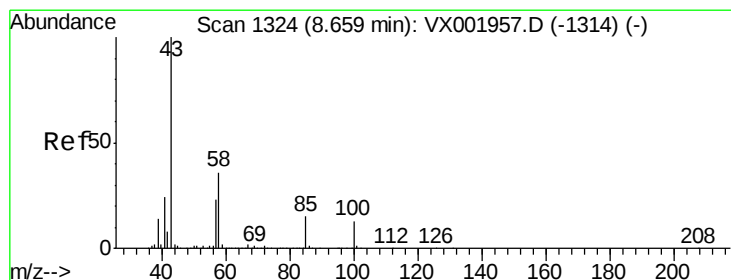
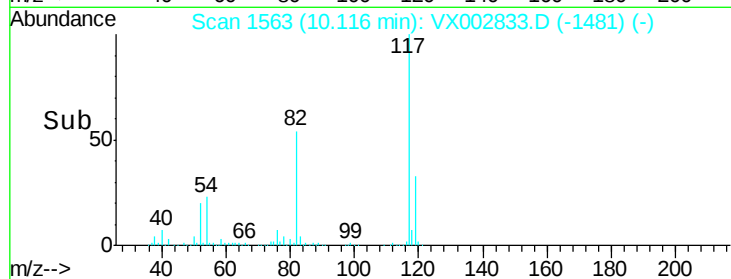
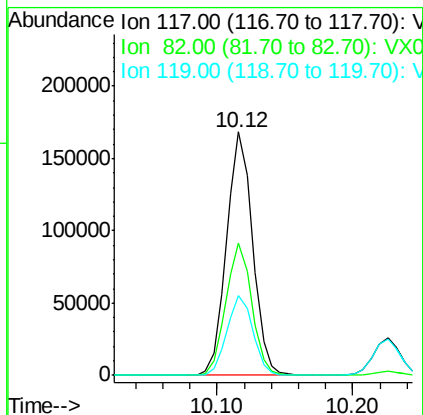
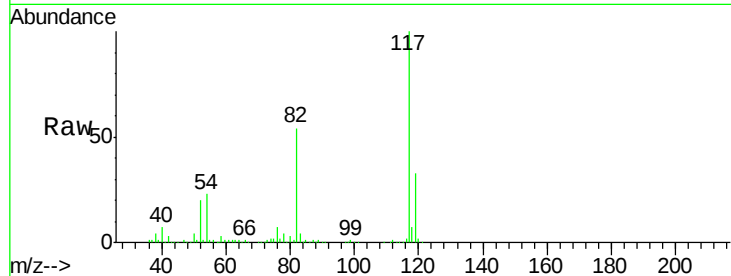




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

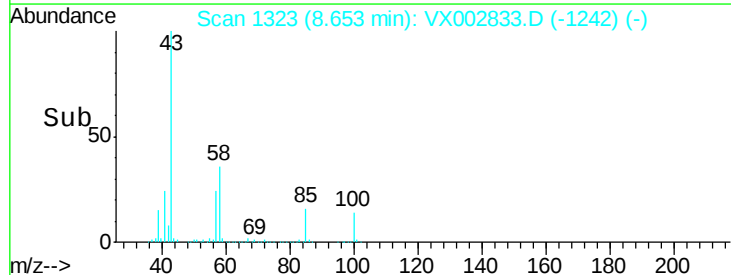
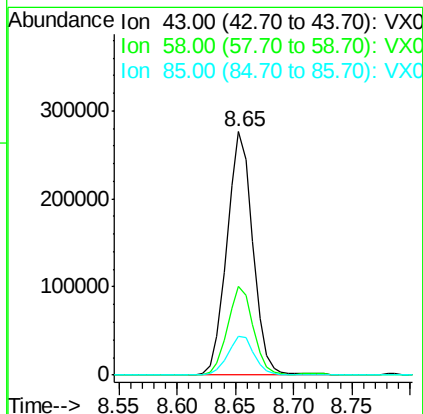
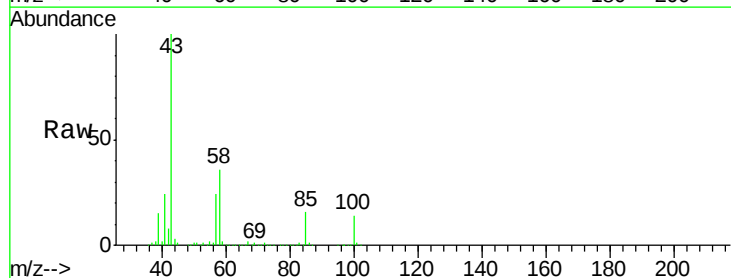
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

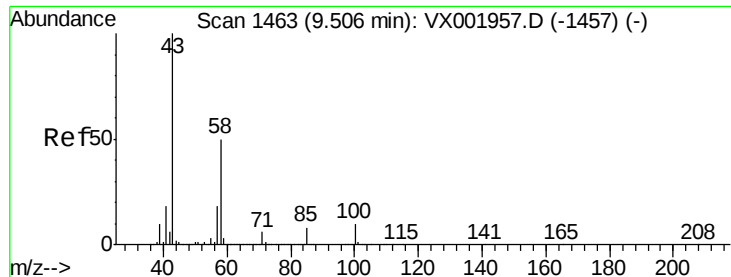
Tot Ion:117 Resp: 224722
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.8 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 111.73 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 43 Resp: 426301
Ion Ratio Lower Upper
43 100
58 36.1 28.2 42.4
85 16.3 12.4 18.6

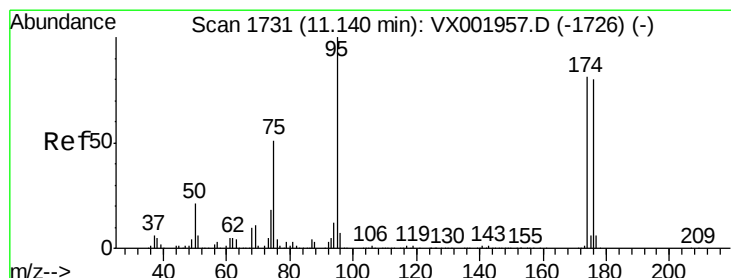
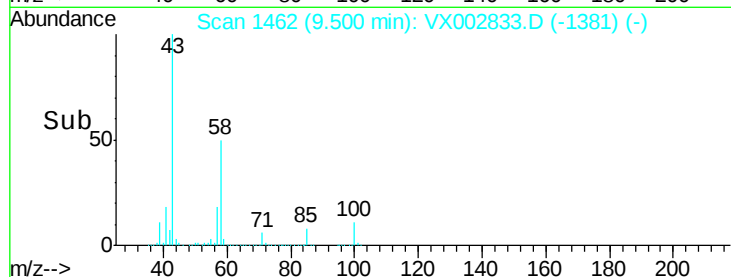
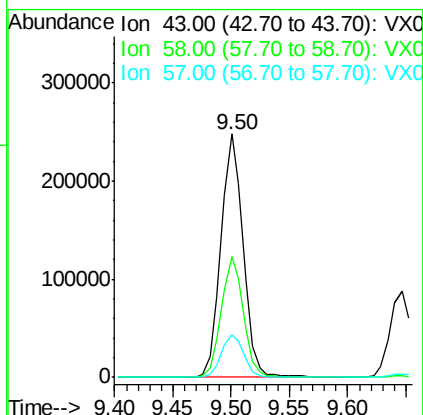
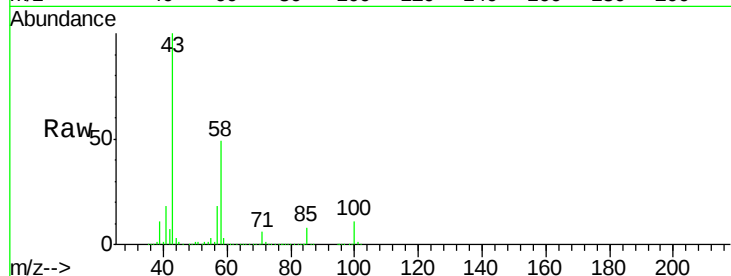




#59
2-Hexanone
Concen: 111.78 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

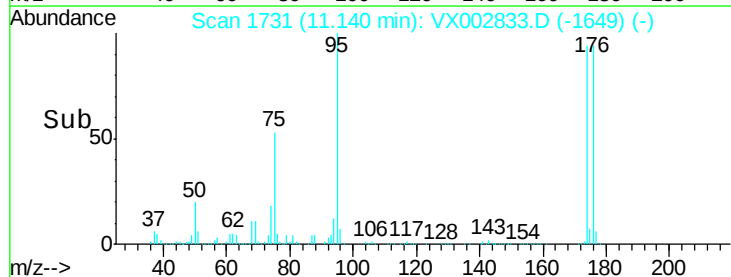
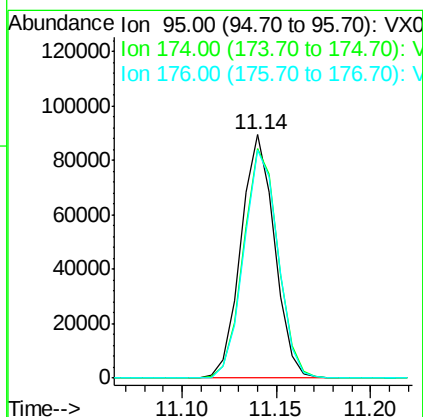
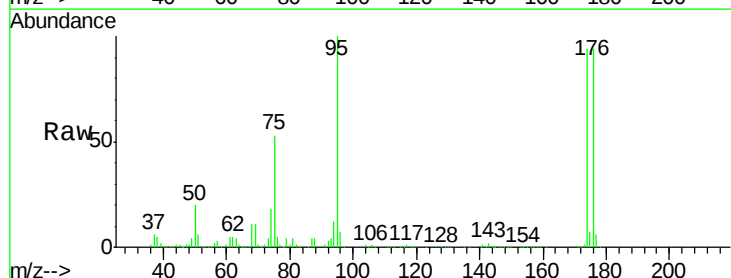
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

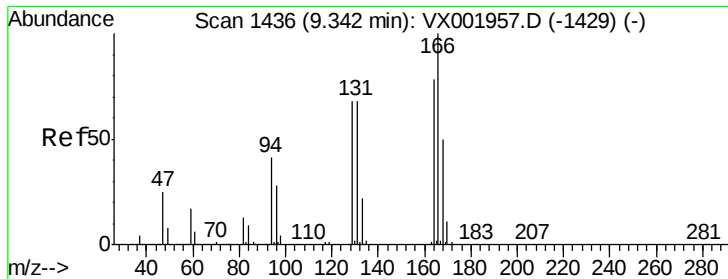
Tot Ion: 43 Resp: 326038
Ion Ratio Lower Upper
43 100
58 49.2 39.6 59.4
57 18.0 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 95 Resp: 110770
Ion Ratio Lower Upper
95 100
174 97.2 71.8 107.6
176 95.3 70.1 105.1

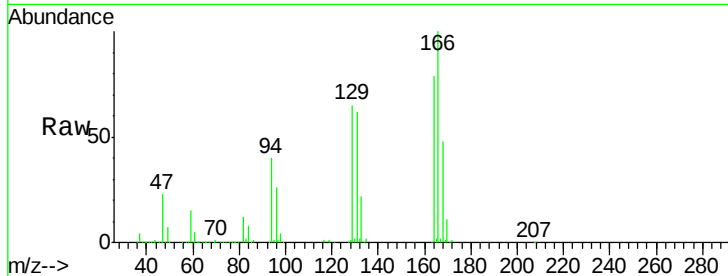




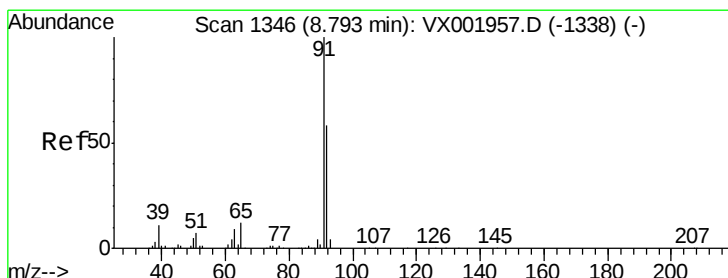
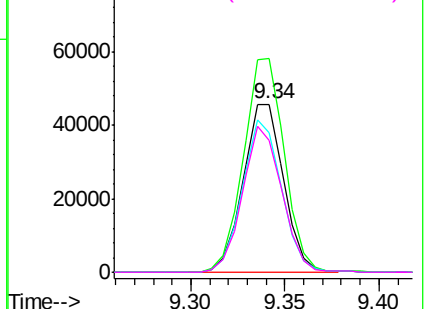
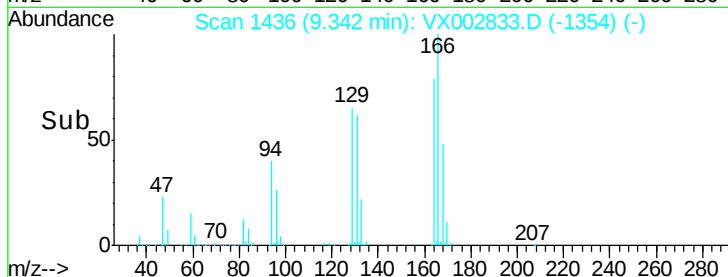
#61
Tetrachloroethene
Concen: 22.04 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

Tot Ion:164 Resp: 67982
Ion Ratio Lower Upper
164 100
166 127.1 102.4 153.6
129 83.0 70.1 105.1
131 78.5 69.1 103.7

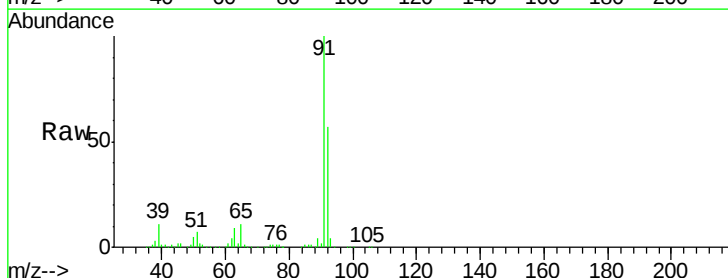


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

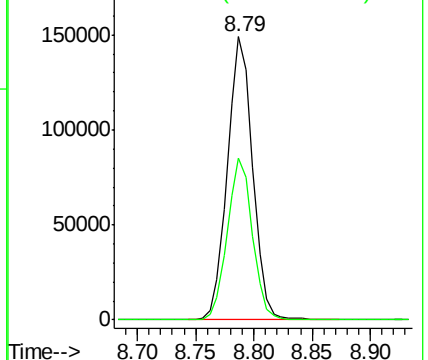
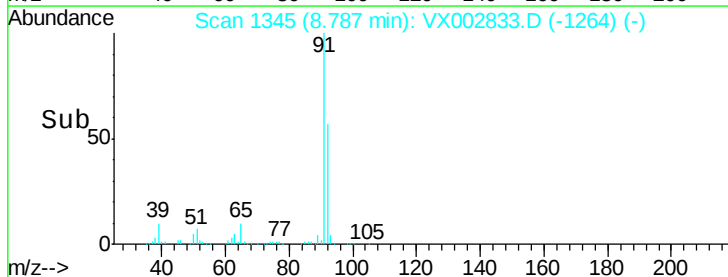


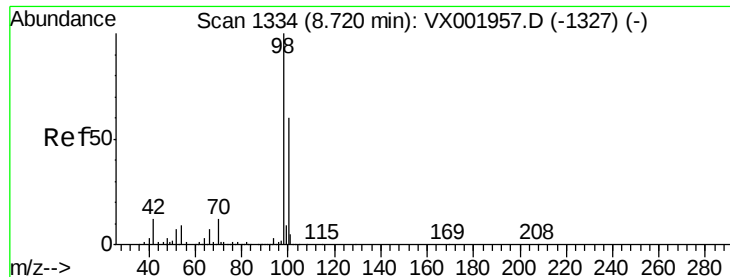
#62
Toluene
Concen: 20.74 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 91 Resp: 224633
Ion Ratio Lower Upper
91 100
92 56.7 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

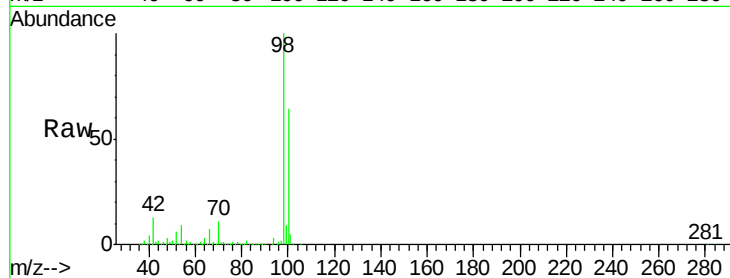
VX0622WBSD01

Tot Ion: 98 Resp: 301333

Ion Ratio Lower Upper

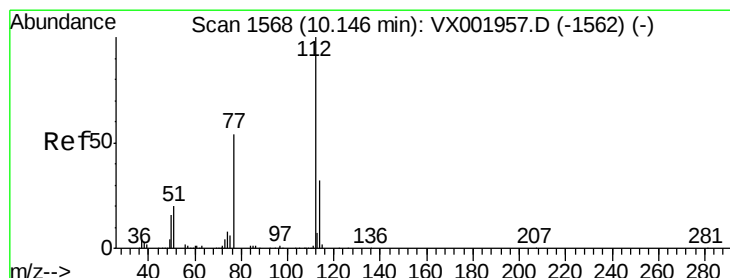
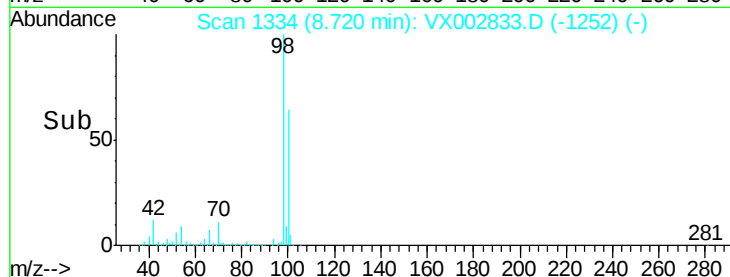
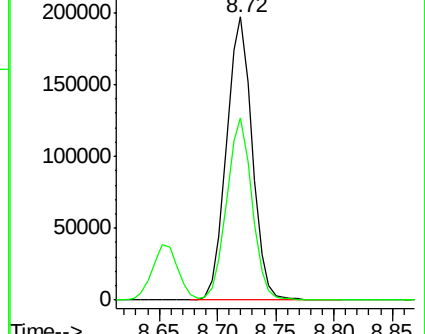
98 100

100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 20.69 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002833.D

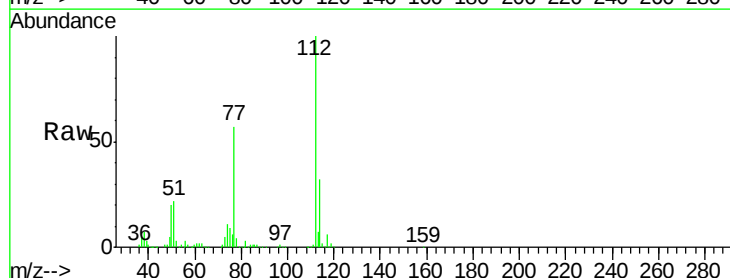
Acq: 22 Jun 2018 14:15

Tgt Ion: 112 Resp: 148916

Ion Ratio Lower Upper

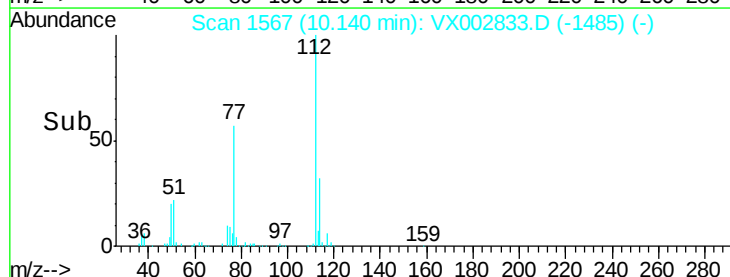
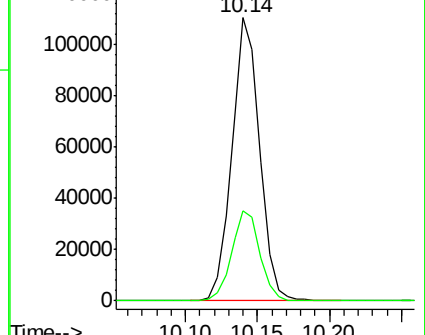
112 100

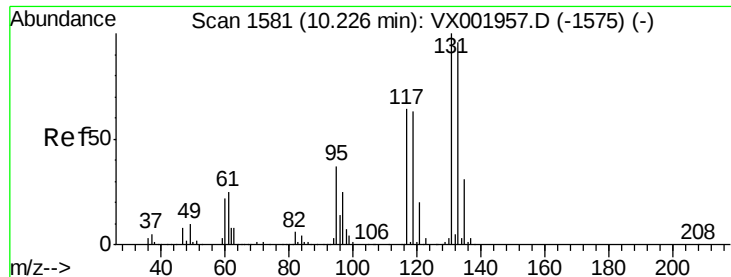
114 31.9 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

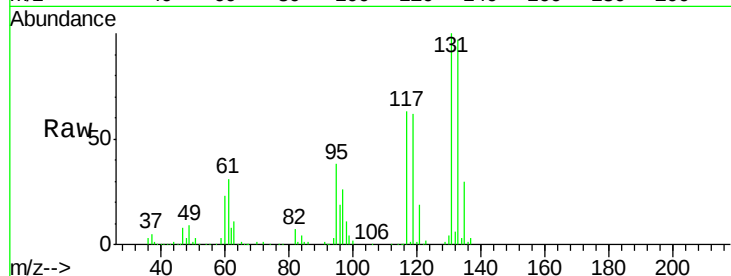
Tot Ion:131 Resp: 54522

Ion Ratio Lower Upper

131 100

133 97.2 0.0 191.2

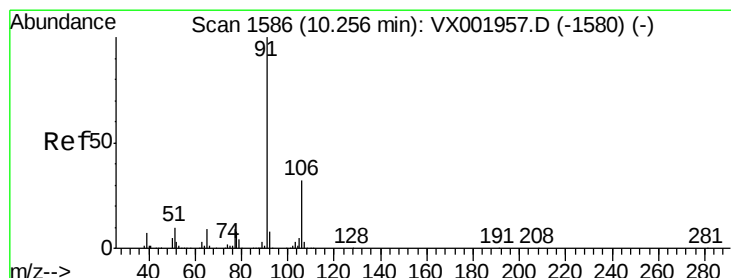
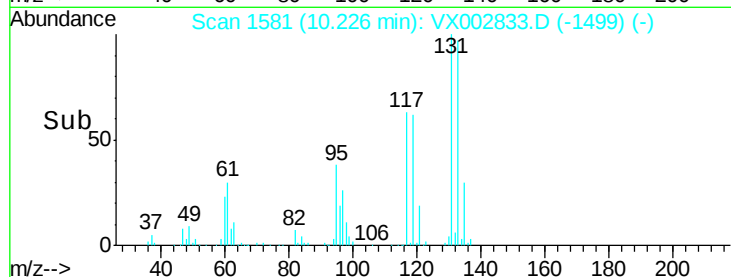
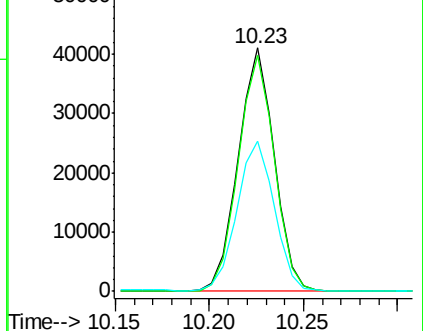
119 63.9 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.20 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002833.D

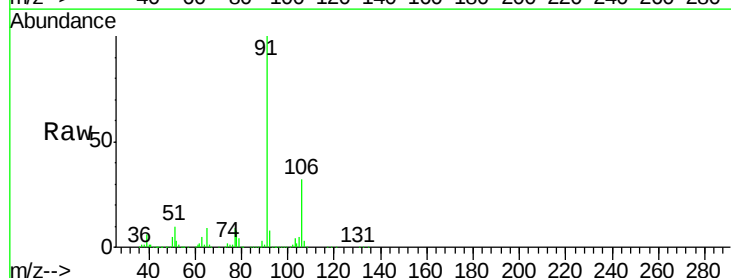
Acq: 22 Jun 2018 14:15

Tgt Ion: 91 Resp: 246420

Ion Ratio Lower Upper

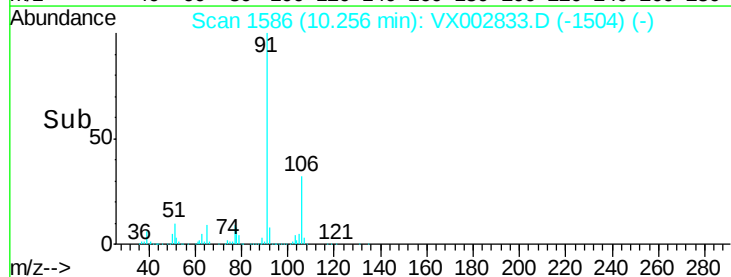
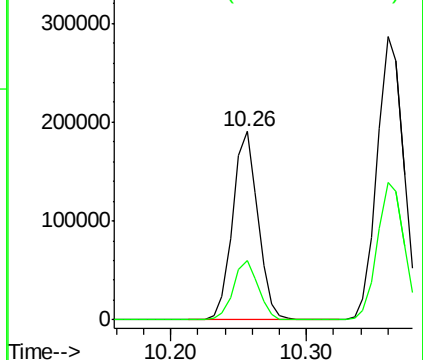
91 100

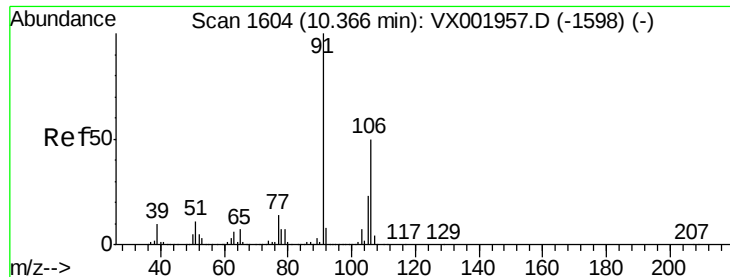
106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 40.38 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

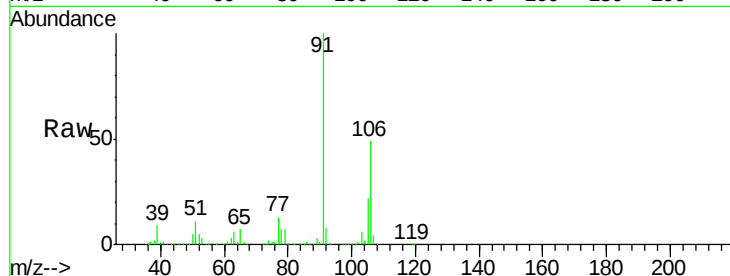
VX0622WBSD01

Tot Ion:106 Resp: 191417

Ion Ratio Lower Upper

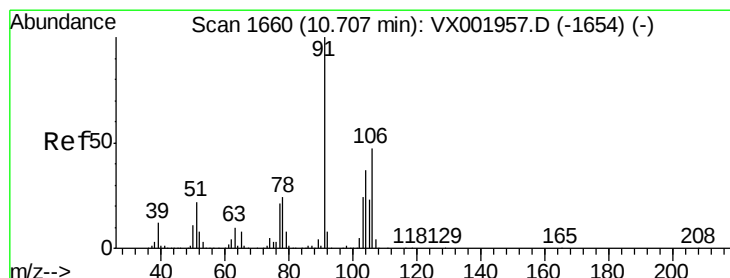
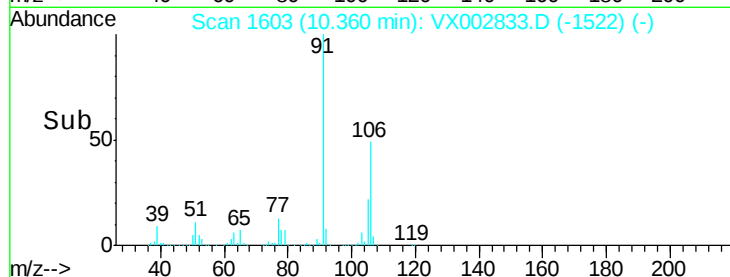
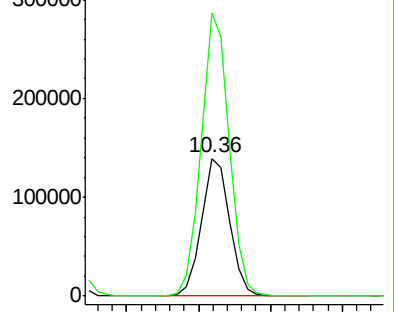
106 100

91 203.8 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.09 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002833.D

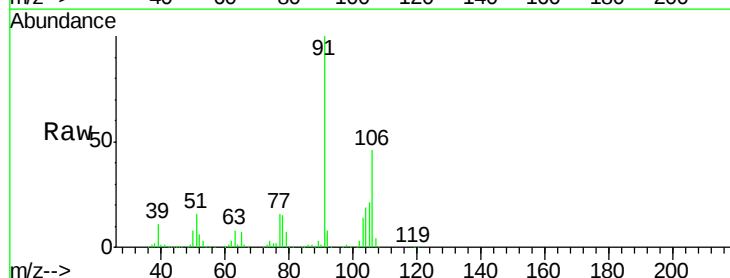
Acq: 22 Jun 2018 14:15

Tgt Ion:106 Resp: 92787

Ion Ratio Lower Upper

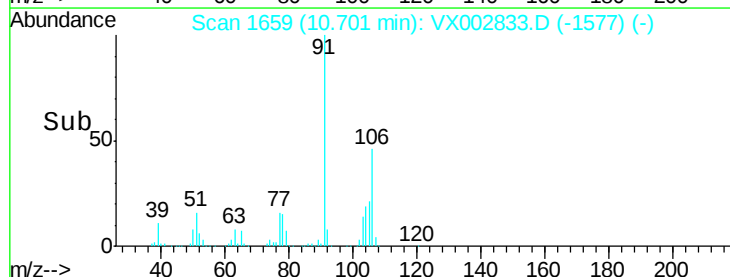
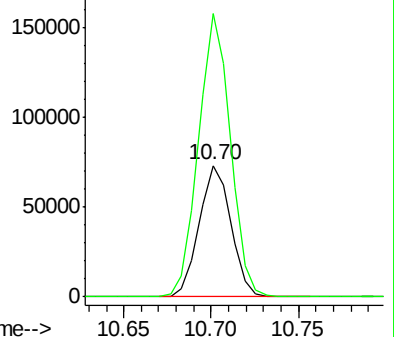
106 100

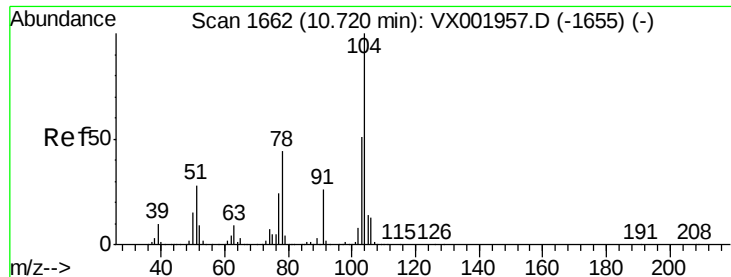
91 215.9 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

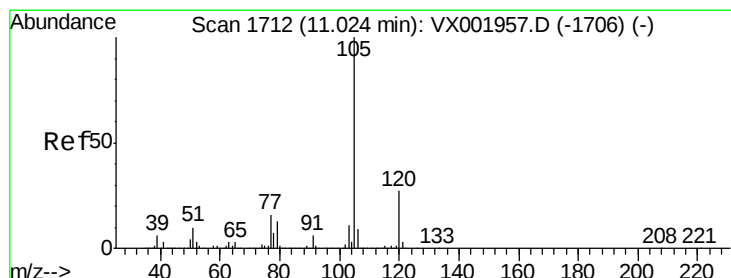
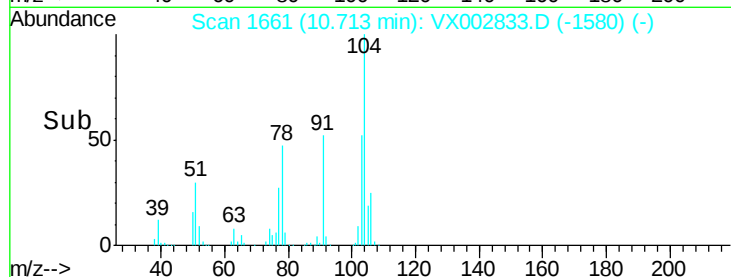
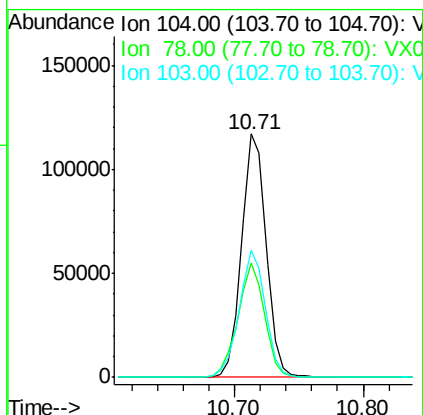
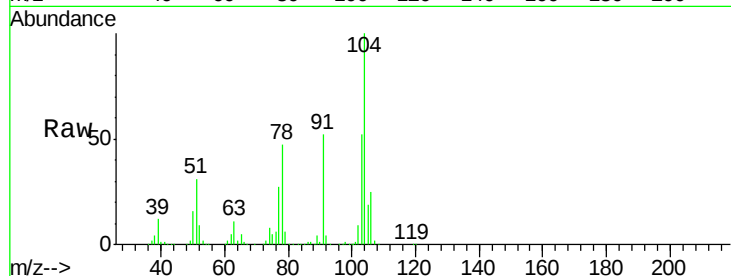




#69
Stvrene
Concen: 19.93 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

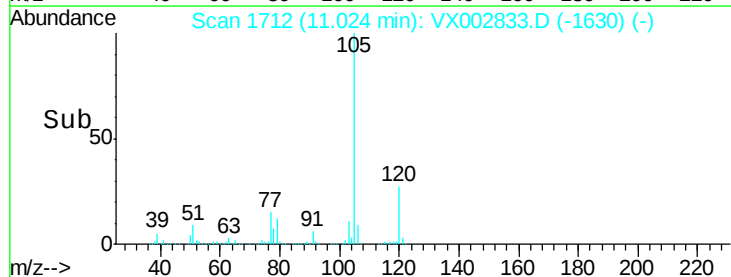
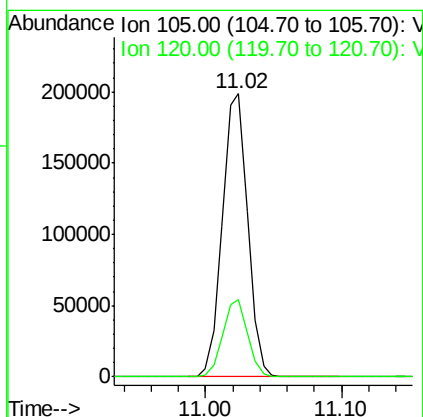
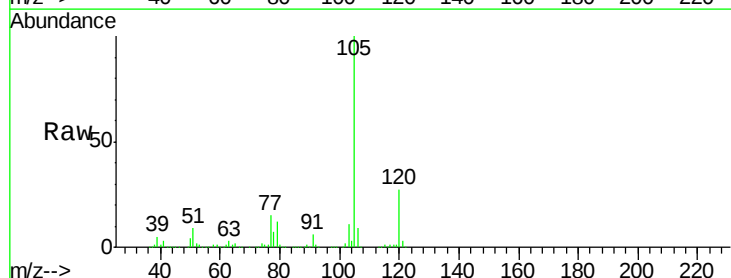
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

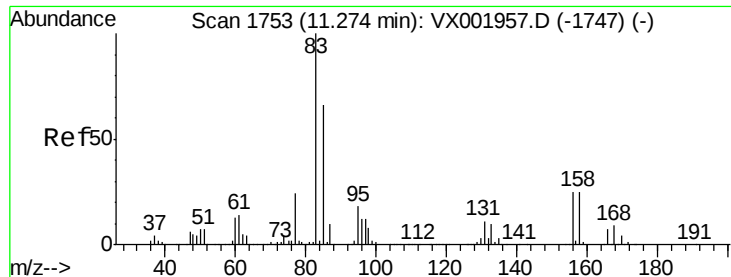
Tot Ion:104 Resp: 153613
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 55.7 44.9 67.3



#70
Isopropylbenzene
Concen: 20.12 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion:105 Resp: 256201
Ion Ratio Lower Upper
105 100
120 26.8 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 20.97 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

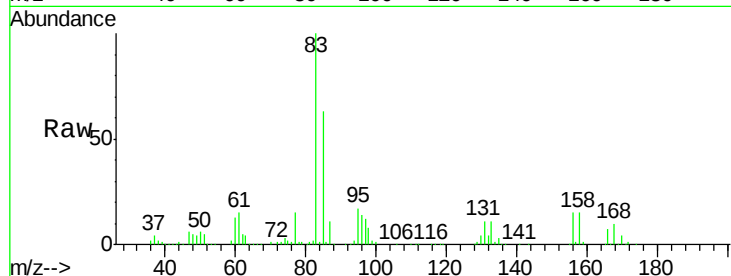
Tot Ion: 83 Resp: 79850

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

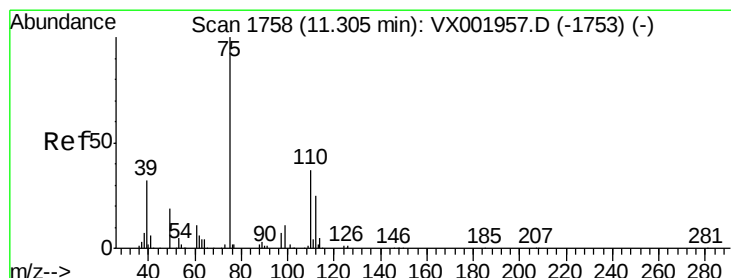
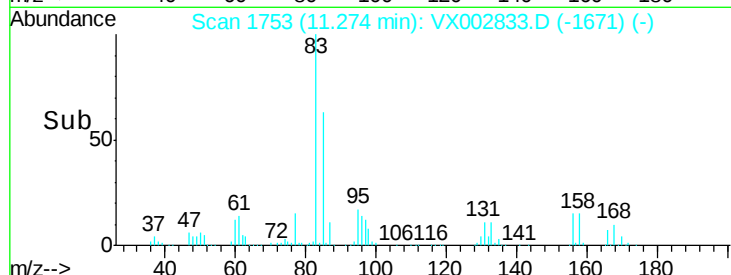
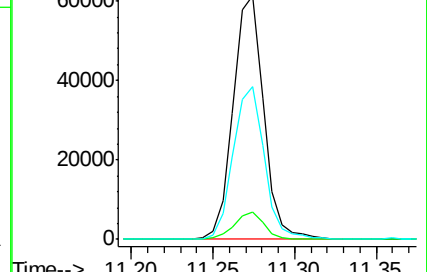
85 64.2 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.57 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002833.D

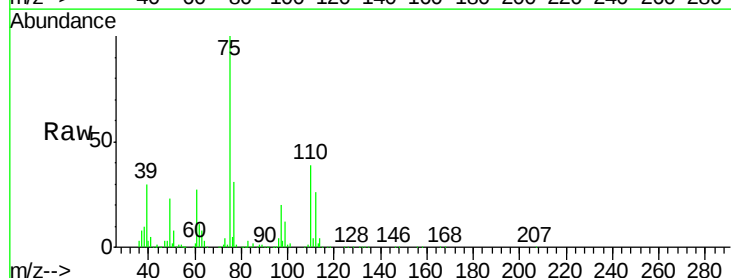
Acq: 22 Jun 2018 14:15

Tgt Ion: 75 Resp: 91001

Ion Ratio Lower Upper

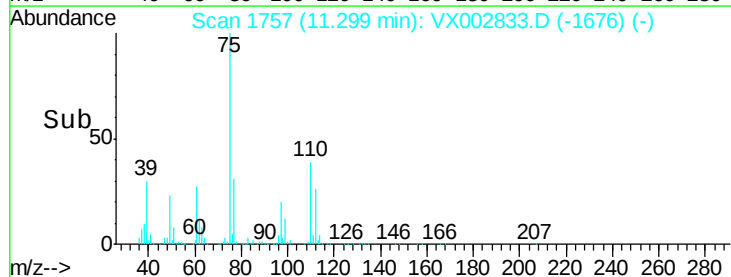
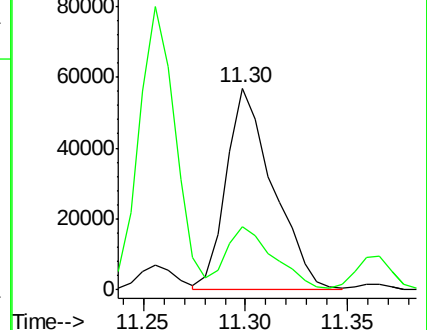
75 100

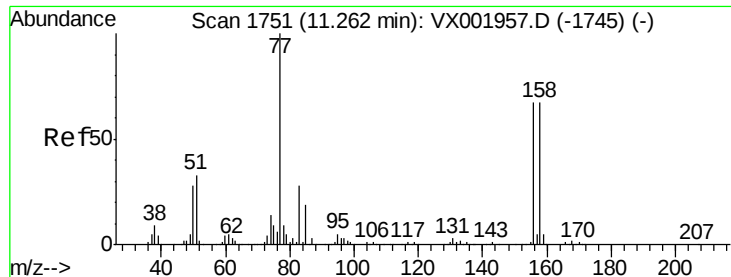
77 32.3 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.08 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

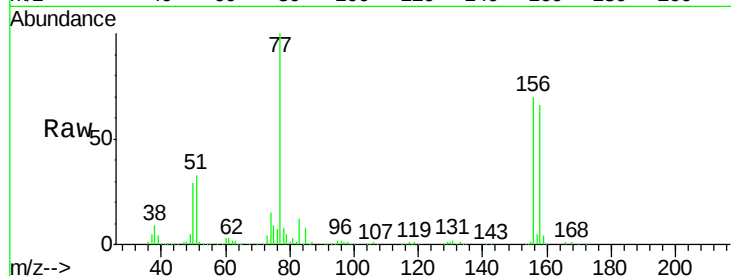
Tot Ion:156 Resp: 71135

Ion Ratio Lower Upper

156 100

77 139.1 0.0 301.0

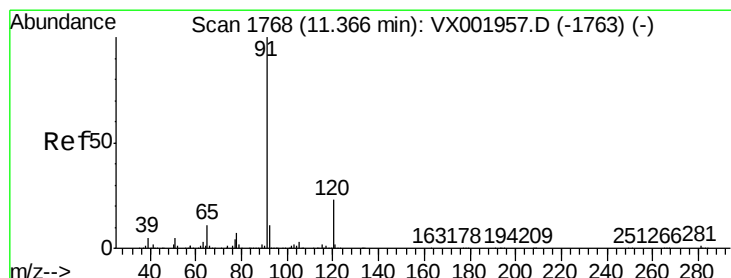
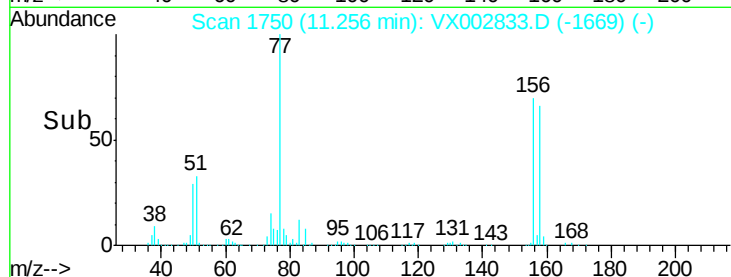
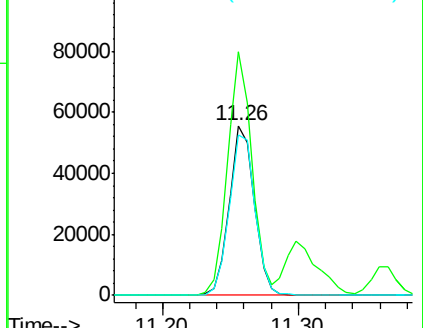
158 97.6 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002833.D

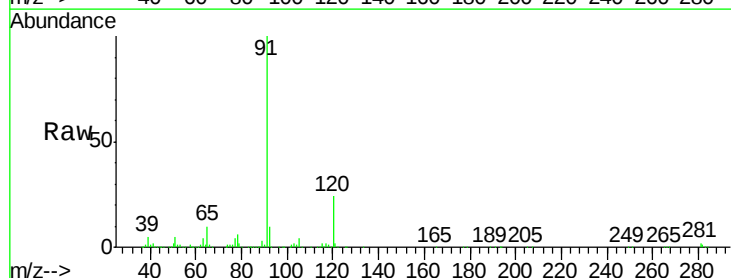
Acq: 22 Jun 2018 14:15

Tgt Ion: 91 Resp: 291951

Ion Ratio Lower Upper

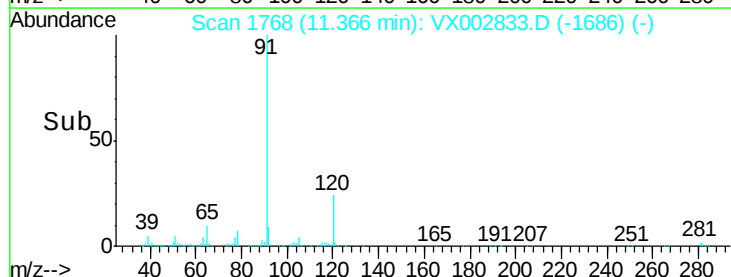
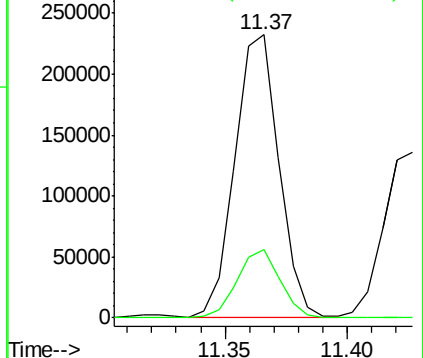
91 100

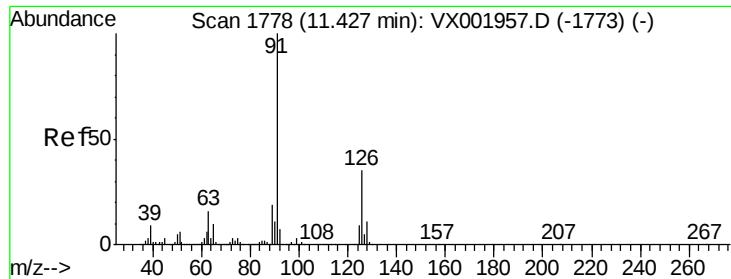
120 23.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.46 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

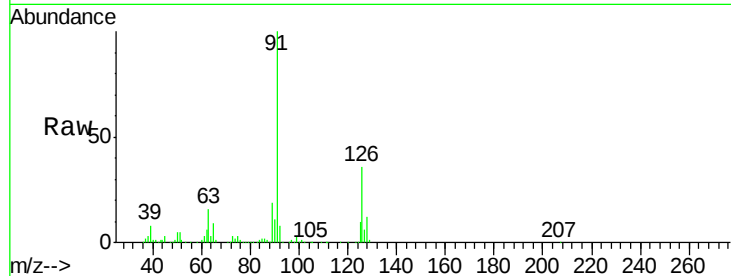
VX0622WBSD01

Tot Ion: 91 Resp: 176036

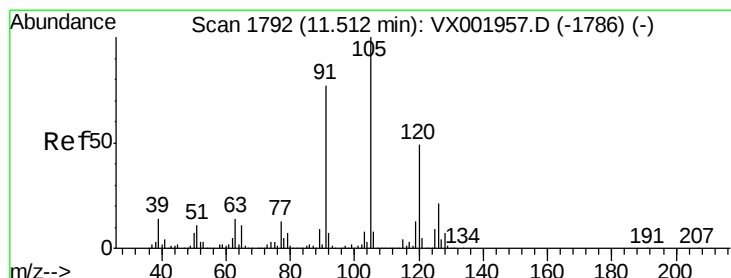
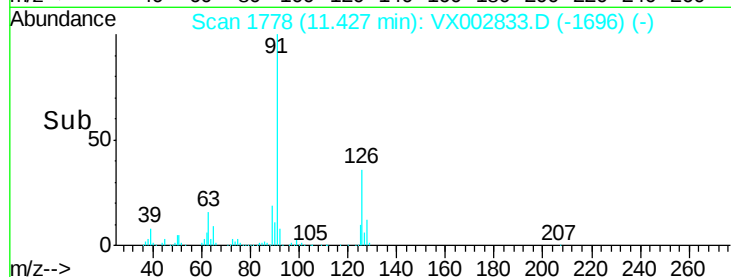
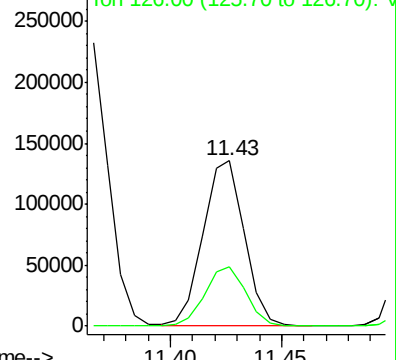
Ion Ratio Lower Upper

91 100

126 35.4 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX001957.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.82 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002833.D

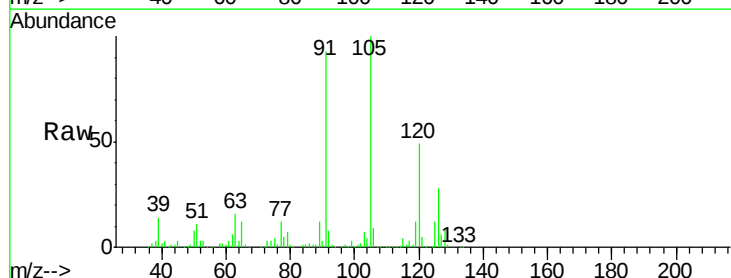
Acq: 22 Jun 2018 14:15

Tgt Ion: 105 Resp: 214299

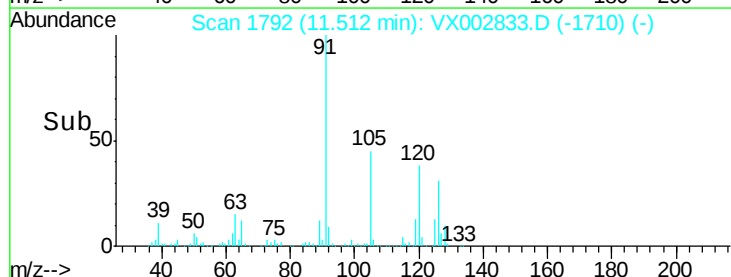
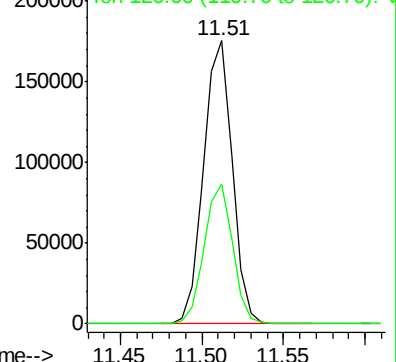
Ion Ratio Lower Upper

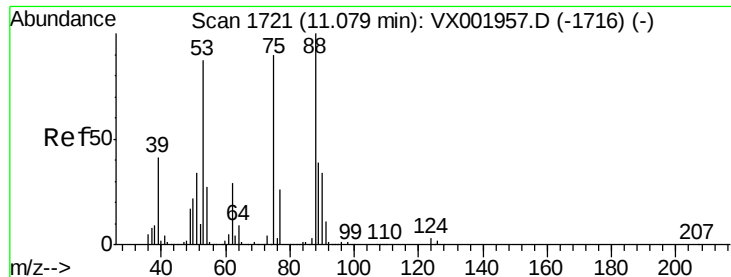
105 100

120 48.9 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX001957.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

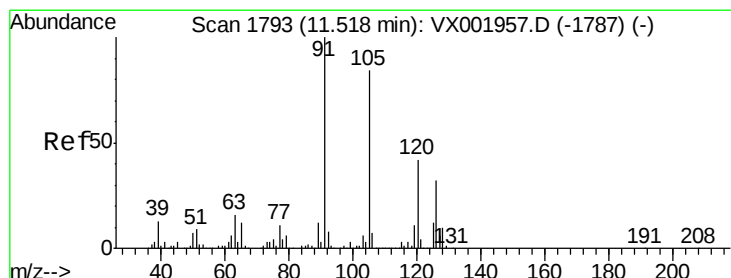
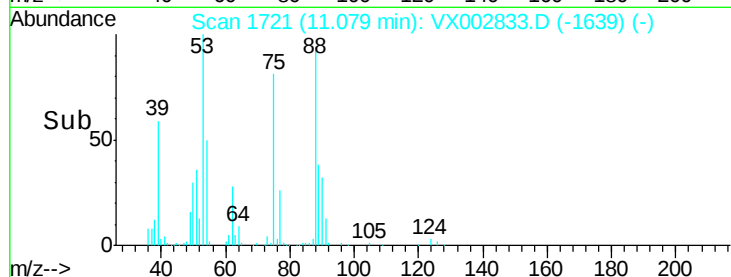
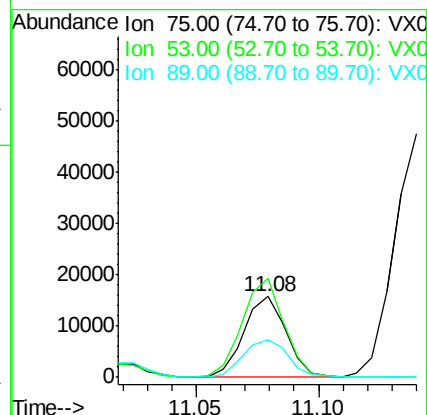
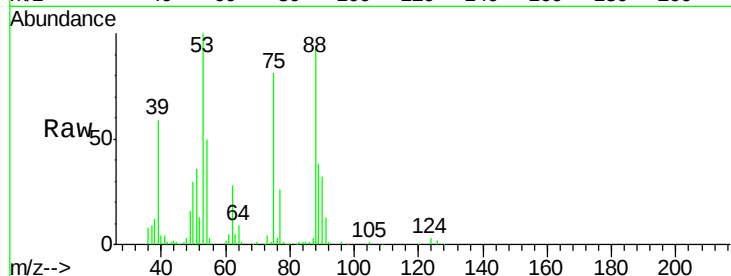
Tot Ion: 75 Resp: 19161

Ion Ratio Lower Upper

75 100

53 124.2 48.3 144.9

89 46.7 21.8 65.4



#78

4-Chlorotoluene

Concen: 20.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002833.D

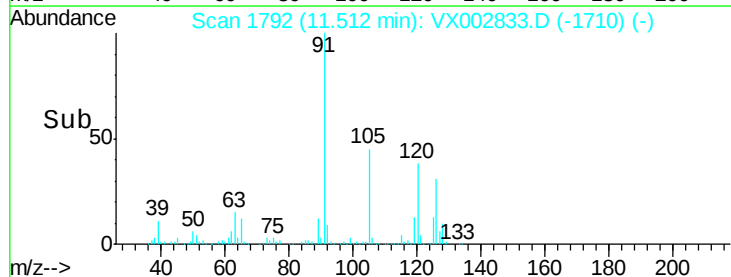
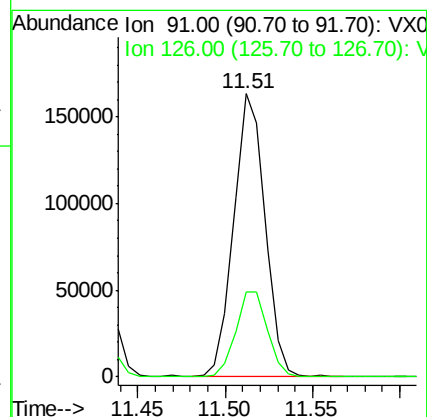
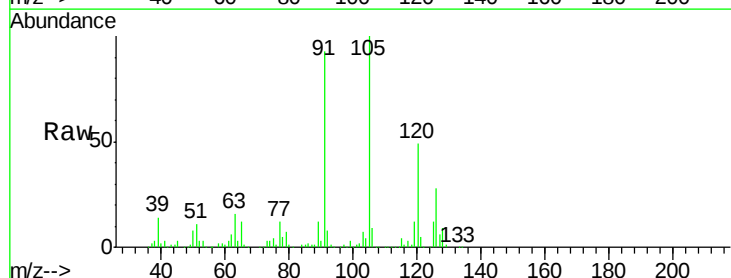
Acq: 22 Jun 2018 14:15

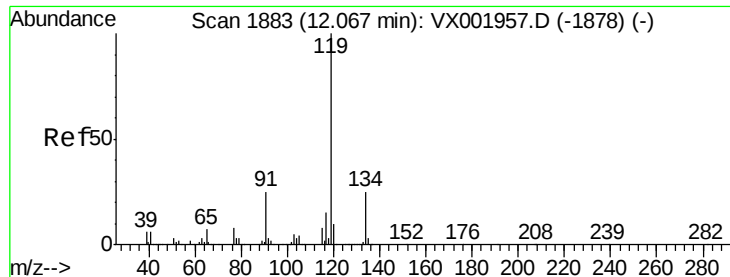
Tgt Ion: 91 Resp: 204470

Ion Ratio Lower Upper

91 100

126 30.5 0.0 61.0





#79

tert-butylbenzene

Concen: 19.04 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

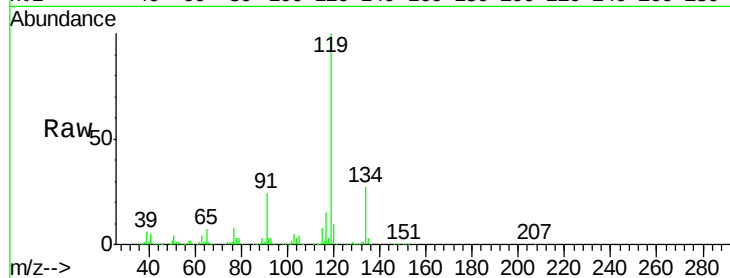
Tot Ion:119 Resp: 227094

Ion Ratio Lower Upper

119 100

91 23.7 0.0 48.0

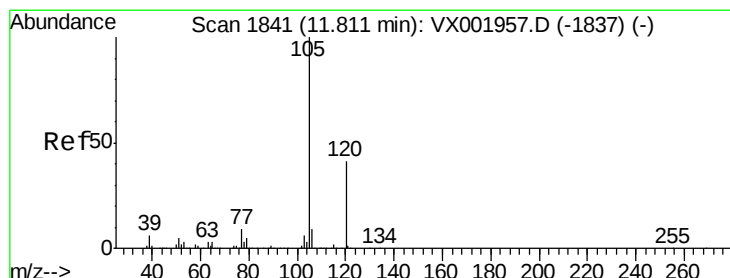
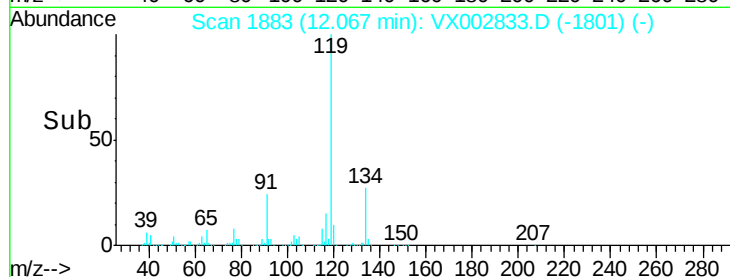
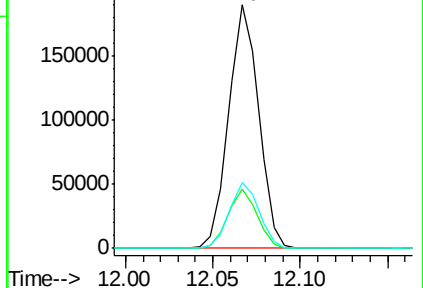
134 27.0 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.03 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002833.D

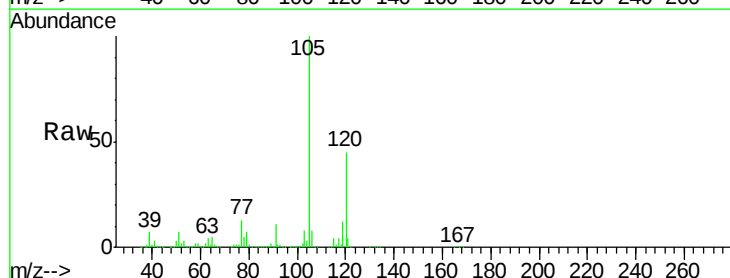
Acq: 22 Jun 2018 14:15

Tgt Ion:105 Resp: 221169

Ion Ratio Lower Upper

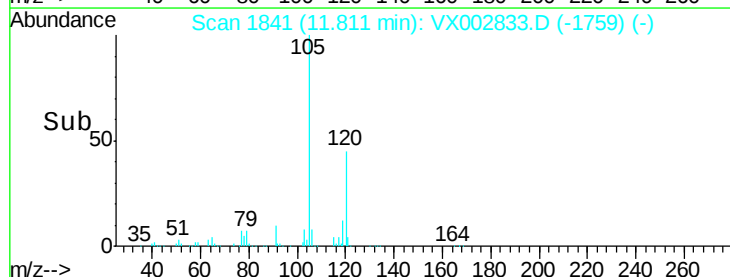
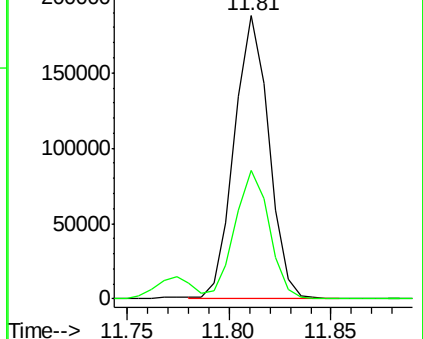
105 100

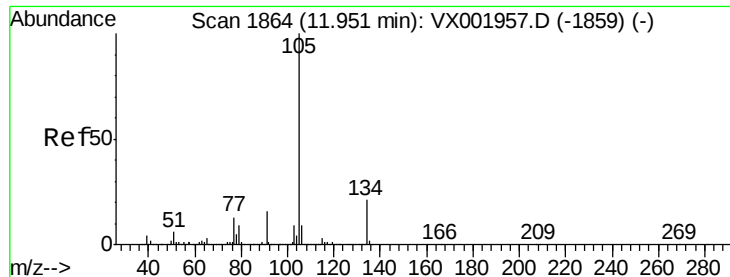
120 45.3 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.27 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

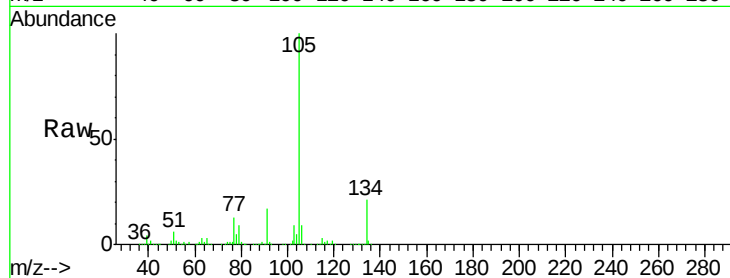
VX0622WBSD01

Tot Ion:105 Resp: 254875

Ion Ratio Lower Upper

105 100

134 20.5 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

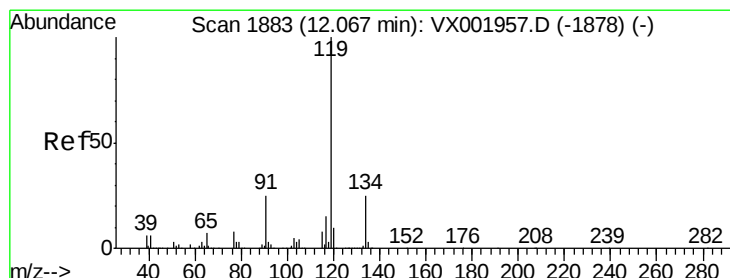
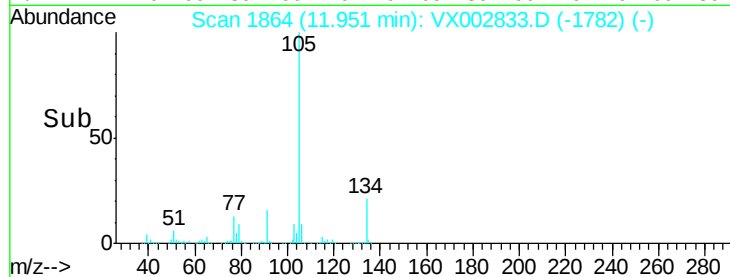
100000

50000

0

11.90 11.95 12.00

Time-->



#82

p-Isopropyltoluene

Concen: 19.04 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

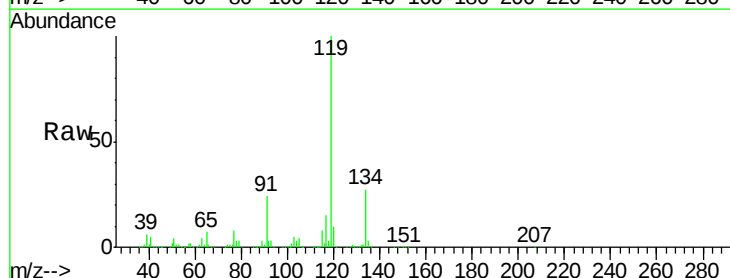
Tgt Ion:119 Resp: 227094

Ion Ratio Lower Upper

119 100

134 27.0 0.0 52.6

91 23.7 0.0 48.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

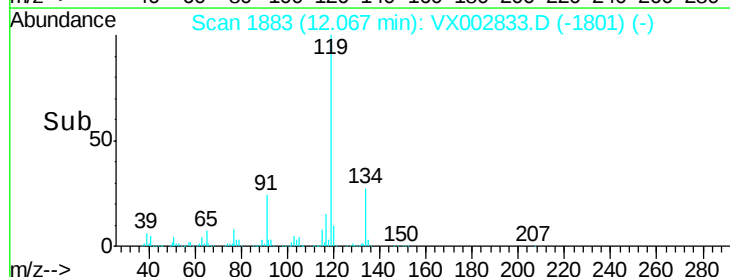
100000

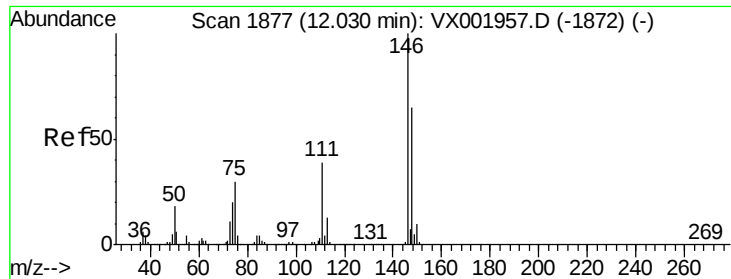
50000

0

12.00 12.05 12.10

Time-->

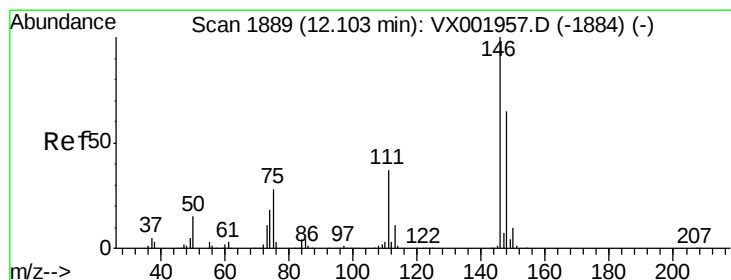
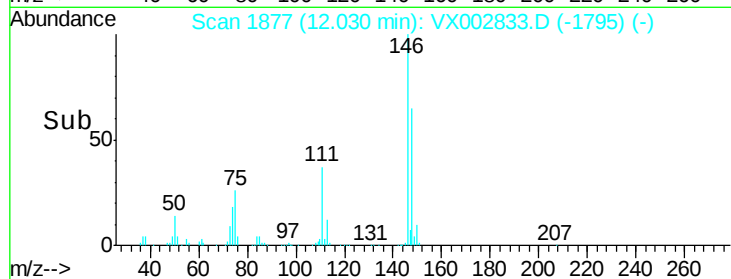
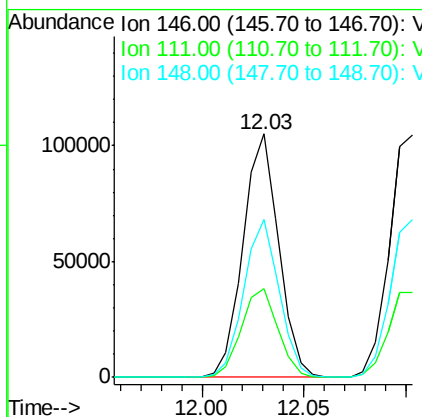
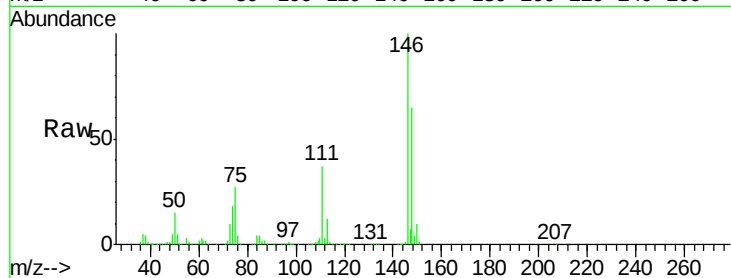




#83
 1,3-Dichlorobenzene
 Concen: 19.64 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

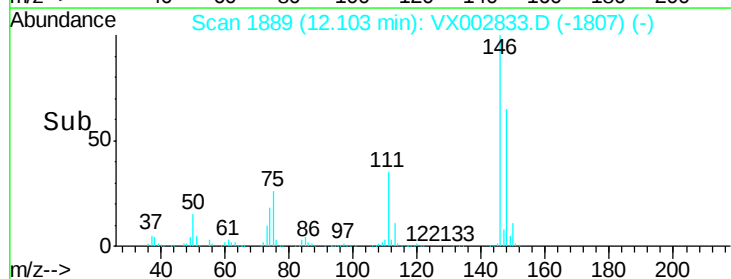
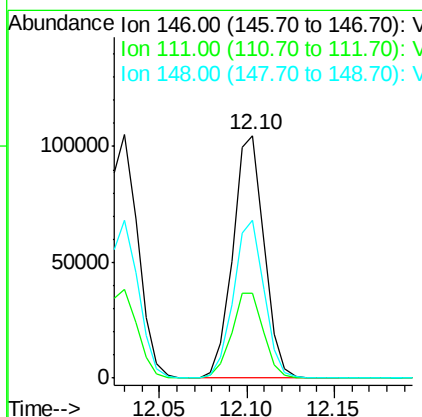
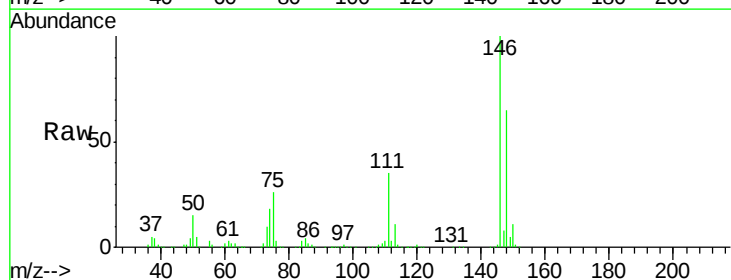
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0622WBSD01

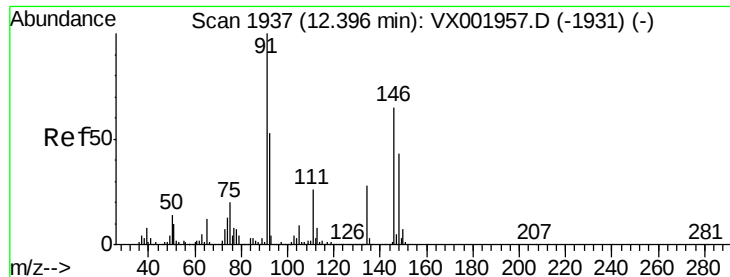
Tot Ion:146 Resp: 127980
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 64.5 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion:146 Resp: 130169
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.5 55.5
 148 64.0 32.0 96.0

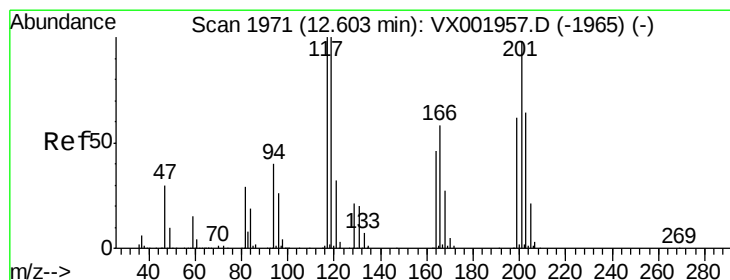
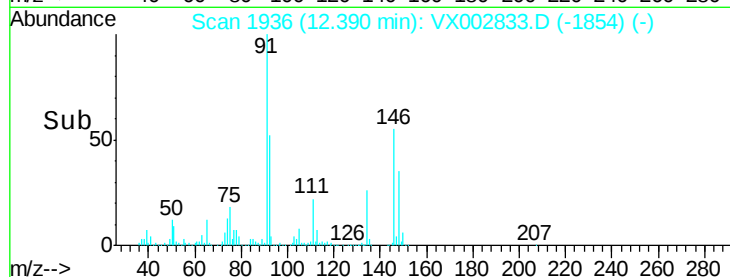
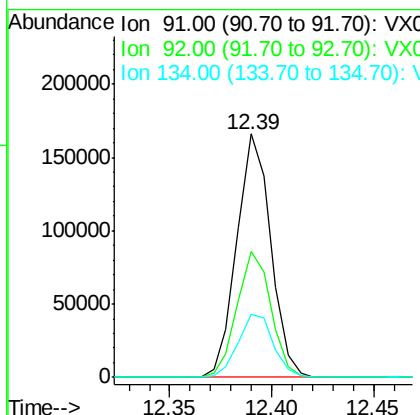
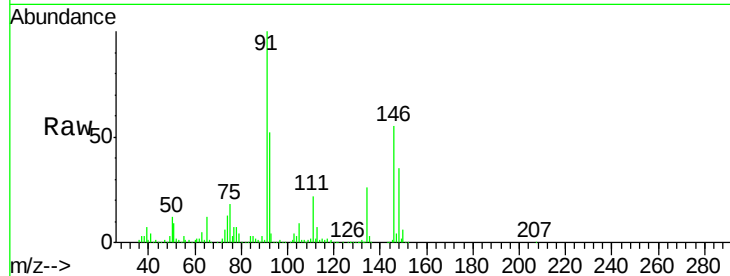




#85
n-Butylbenzene
Concen: 18.14 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

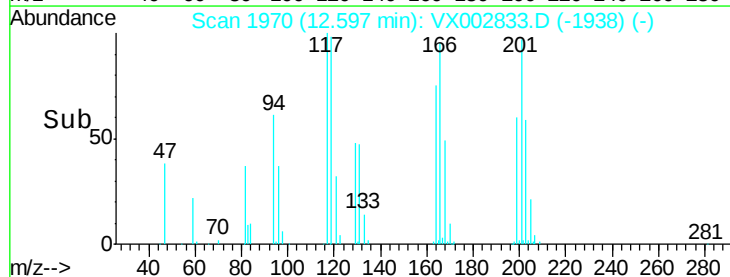
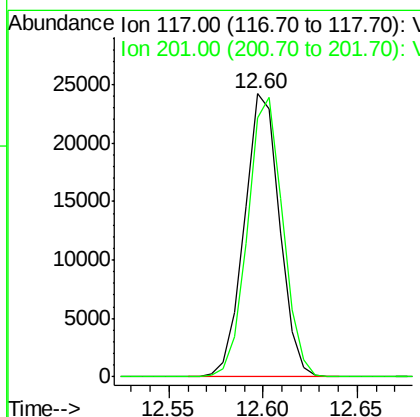
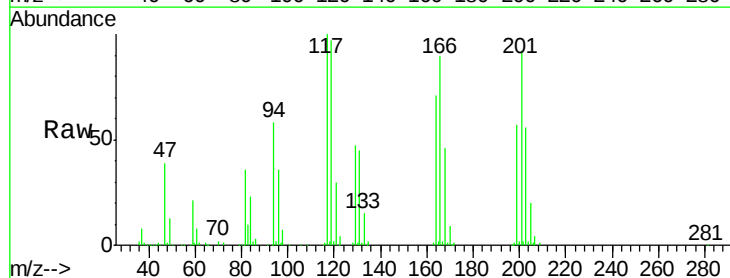
Instrument :
MSVOA_X
ClientSampleId :
VX0622WBSD01

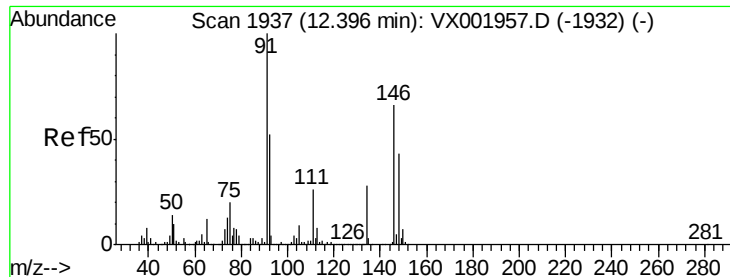
Tot Ion: 91 Resp: 191744
Ion Ratio Lower Upper
91 100
92 51.7 0.0 105.2
134 26.9 0.0 53.2



#86
Hexachloroethane
Concen: 17.44 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002833.D
Acq: 22 Jun 2018 14:15

Tgt Ion: 117 Resp: 31523
Ion Ratio Lower Upper
117 100
201 98.0 47.6 142.8

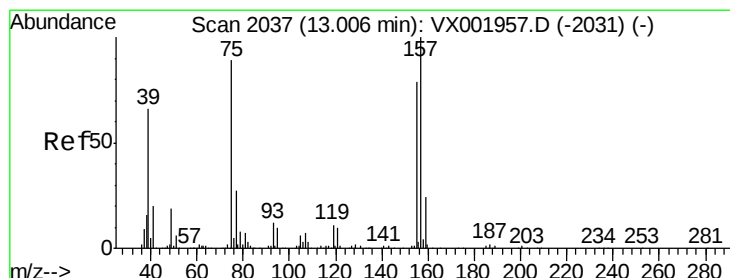
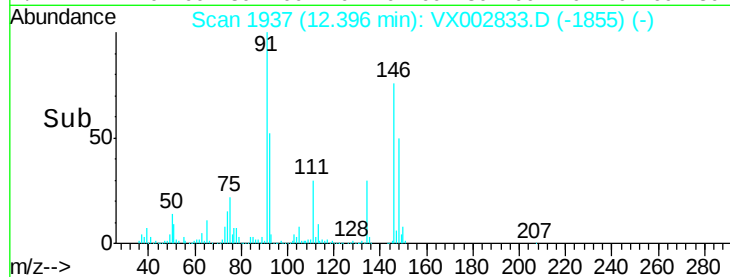
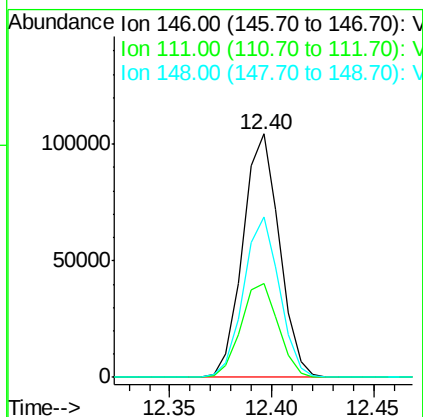
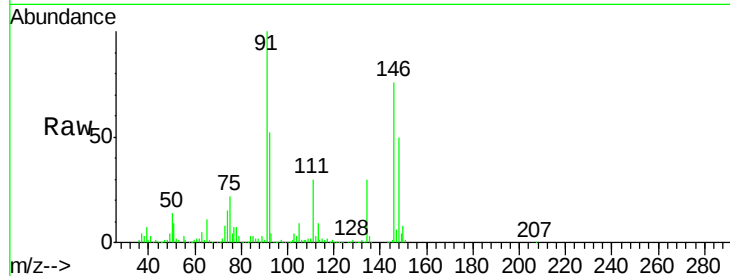




#87
 1,2-Dichlorobenzene
 Concen: 19.72 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

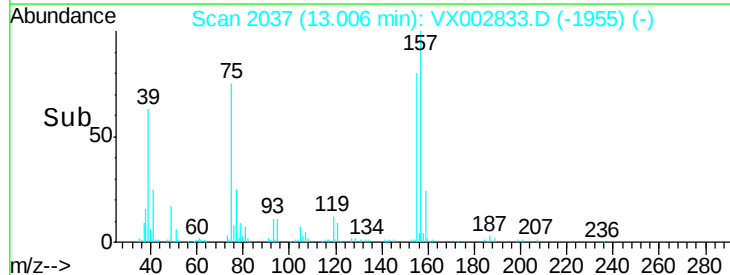
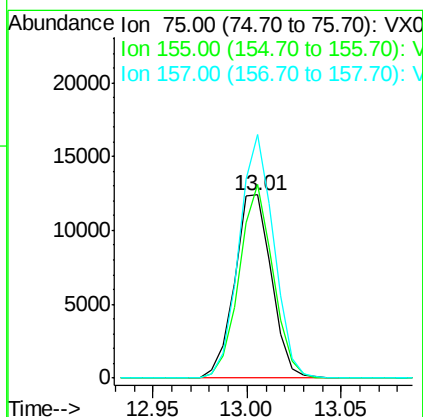
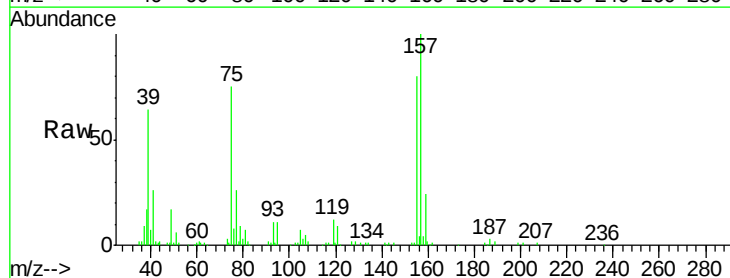
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

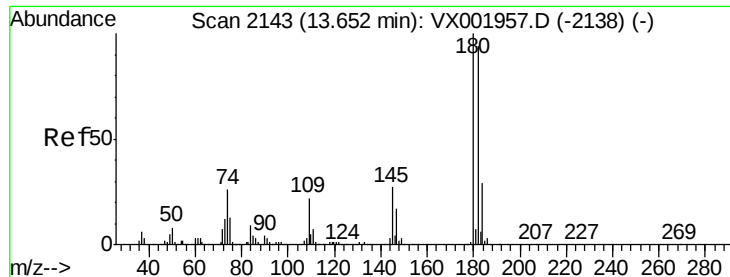
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	65.0	32.8	98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.75 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	73.1	109.7
157	124.5	93.1	139.7

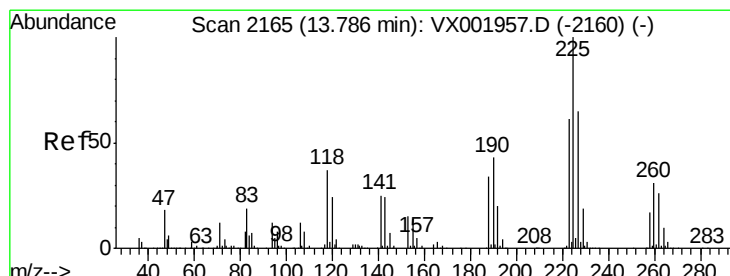
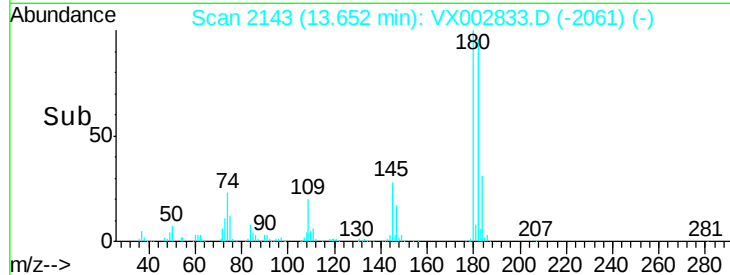
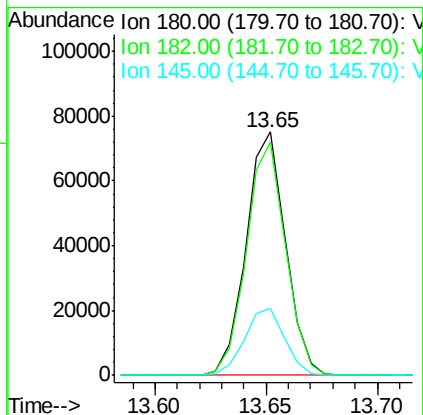
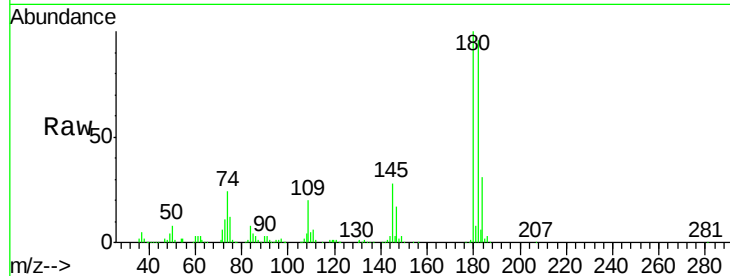




#89
 1,2,4-Trichlorobenzene
 Concen: 18.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

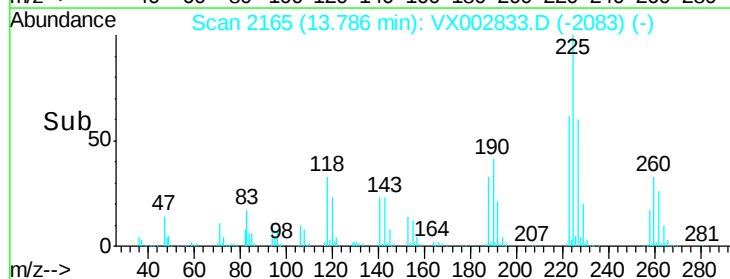
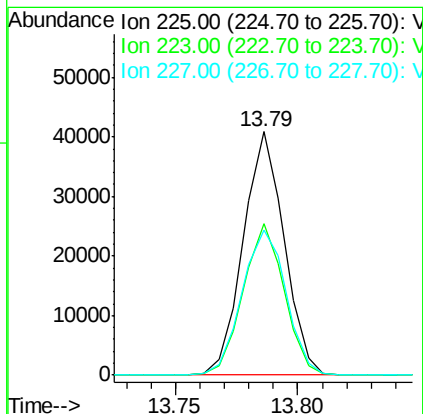
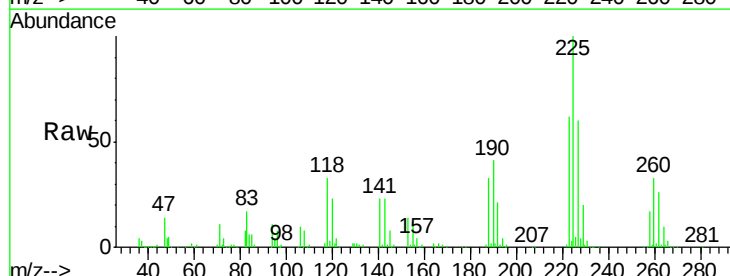
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

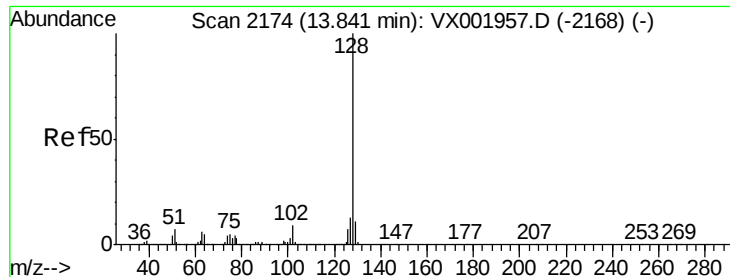
Tot Ion:180 Resp: 92710
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.4 114.6
 145 28.1 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 18.37 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002833.D
 Acq: 22 Jun 2018 14:15

Tgt Ion:225 Resp: 47513
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 122.4
 227 64.3 0.0 128.0





#91

Naphthalene

Concen: 20.17 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0622WBSD01

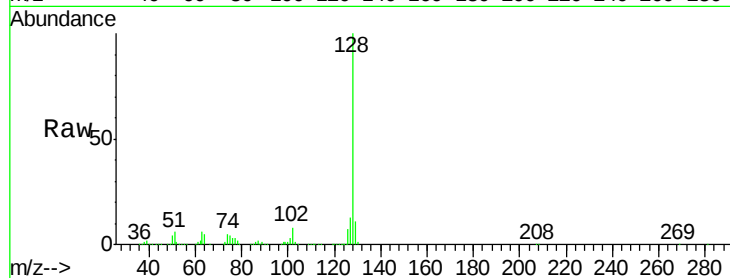
Tot Ion:128 Resp: 265661

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

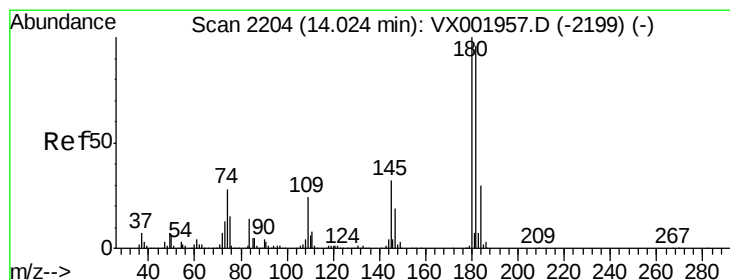
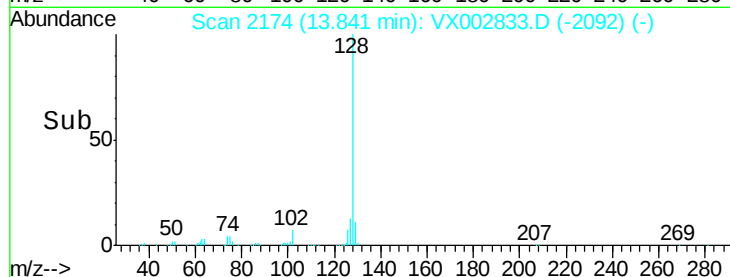
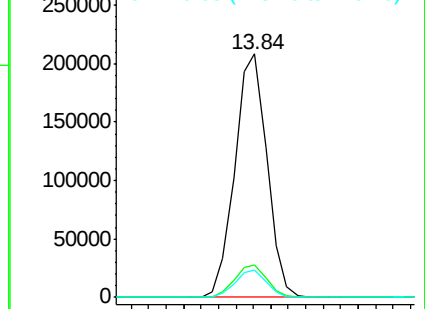
129 11.0 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 19.59 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002833.D

Acq: 22 Jun 2018 14:15

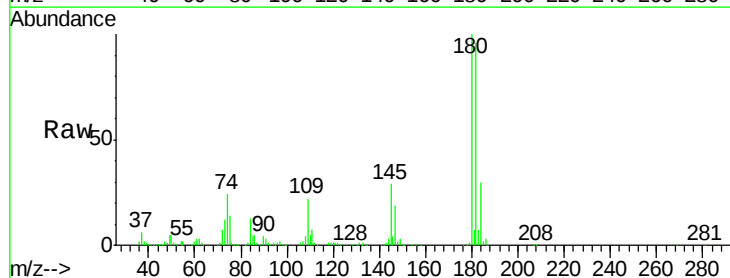
Tgt Ion:180 Resp: 96816

Ion Ratio Lower Upper

180 100

182 95.3 0.0 191.0

145 29.1 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

