

Data File : VX001313.D

Acq On : 02 May 2018 12:27

Operator : JC/MD

Sample : VX0502WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

Quant Time: May 03 04:57:52 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Tue May 01 09:17:40 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	33765	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	177665	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	166088	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	71323	29.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.60%
60) 4-Bromofluorobenzene	11.14	95	78005	28.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.43%
63) Toluene-d8	8.72	98	215086	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41112	18.57	ug/l	99
3) Chloromethane	1.32	50	39775	19.25	ug/l	96
4) Vinyl Chloride	1.40	62	42983	19.83	ug/l	97
5) Bromomethane	1.64	94	31123	19.01	ug/l	99
6) Chloroethane	1.73	64	27921	21.06	ug/l	96
7) Trichlorofluoromethane	1.93	101	73718	20.48	ug/l	96
8) Diethyl Ether	2.19	74	26346	21.08	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41350	20.25	ug/l	93
10) 1,1-Dichloroethene	2.37	96	36948	19.98	ug/l	91
11) Methyl Iodide	2.51	142	56675	25.19	ug/l	95
12) Methyl Acetate	2.78	43	60767	24.99	ug/l	98
13) Acrolein	2.30	56	20866	71.95	ug/l	99
14) Acrylonitrile	3.15	53	113869	117.66	ug/l	97
15) Acetone	2.45	58	34050	113.08	ug/l	90
16) Carbon Disulfide	2.57	76	85712	17.42	ug/l	100
17) Allyl chloride	2.73	41	66809	20.36	ug/l	95
18) Methylene Chloride	2.86	84	42462	21.06	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	40480	20.30	ug/l	97
20) Diisopropyl ether	3.88	45	118616	18.36	ug/l	99
21) 1,1-Dichloroethane	3.70	63	66398	19.13	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	42220	18.96	ug/l	98
23) tert-Butyl Alcohol	3.08	59	52329	132.31	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	135084	21.30	ug/l	95
25) Chloroform	5.23	83	72321	19.14	ug/l	95
26) Cyclohexane	5.57	56	55734	17.66	ug/l #	96
29) 1,1-Dichloropropene	5.81	75	50024	19.01	ug/l	99
30) 2-Butanone	4.72	43	151487	112.31	ug/l	98
31) 2,2-Dichloropropane	4.59	77	52031	18.11	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	61648	19.36	ug/l	98
33) Carbon Tetrachloride	5.79	117	53611	18.68	ug/l	93
34) Benzene	6.15	78	153921	19.73	ug/l	94
35) Methacrylonitrile	5.07	41	32277	21.56	ug/l	93
36) 1,2-Dichloroethane	6.21	62	59246	19.79	ug/l	99
37) Trichloroethene	7.22	130	47186	19.95	ug/l	94
38) Methylcyclohexane	7.46	83	58205	18.79	ug/l	96
39) 1,2-Dichloropropane	7.53	63	38848	19.64	ug/l	99
40) Dibromomethane	7.67	93	28531	20.50	ug/l	88

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Sample : VX0502WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

Quant Time: May 03 04:57:52 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Tue May 01 09:17:40 2018

Response via : Initial Calibration

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

41) Bromodichloromethane	7.91	83	49731	18.92	ug/l #	95
42) Vinyl Acetate	3.83	43	512256	96.55	ug/l	98
43) Ethyl Acetate	4.87	43	57185	22.01	ug/l	97
44) Isopropyl Acetate	6.48	43	88078	19.93	ug/l	98
45) 1,4-Dioxane	7.76	88	20557	511.69	ug/l	99
46) Methyl methacrylate	7.79	41	47230	20.54	ug/l	88
47) n-amyl Acetate	10.90	43	80741	19.04	ug/l	100
48) t-1,3-Dichloropropene	8.45	75	58157	18.79	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	51010	17.21	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	42948	20.78	ug/l	97
51) Ethyl methacrylate	9.19	69	57627	19.57	ug/l	91
52) 1,3-Dichloropropane	9.38	76	68254	20.43	ug/l	99
53) Dibromochloromethane	9.59	129	42191	18.50	ug/l	99
54) 1,2-Dibromoethane	9.68	107	44204	19.98	ug/l	97
55) 2-Chloroethyl vinyl ether	8.32	63	148524	102.96	ug/l	100
56) Bromoform	10.87	173	33747	18.08	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	305536	110.84	ug/l	99
59) 2-Hexanone	9.51	43	233396	108.67	ug/l	97
61) Tetrachloroethene	9.34	164	57884	22.74	ug/l	88
62) Toluene	8.79	91	174872	19.59	ug/l	99
64) Chlorobenzene	10.15	112	117258	19.47	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	41997	19.10	ug/l	96
66) Ethyl Benzene	10.26	91	190372	19.11	ug/l	99
67) m/p-Xylenes	10.37	106	153548	38.80	ug/l	97
68) o-Xylene	10.71	106	73547	19.23	ug/l	99
69) Styrene	10.72	104	120299	18.89	ug/l	99
70) Isopropylbenzene	11.02	105	199331	19.19	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	60731	19.93	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	67777	24.86	ug/l	86
73) Bromobenzene	11.26	156	58965	19.53	ug/l	92
74) n-propylbenzene	11.37	91	221681	18.89	ug/l	100
75) 2-Chlorotoluene	11.43	91	134216	18.95	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	168631	19.05	ug/l	67
77) t-1,4-Dichloro-2-butene	11.08	75	12897	15.90	ug/l	85
78) 4-Chlorotoluene	11.52	91	155660	18.43	ug/l	99
79) tert-butylbenzene	12.07	119	180577	19.07	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	174689	19.39	ug/l	99
81) sec-Butylbenzene	11.95	105	200315	19.49	ug/l	99
82) p-Isopropyltoluene	12.07	119	180577	19.07	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	103352	18.78	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	103679	18.48	ug/l	98
85) n-Butylbenzene	12.39	91	149864	18.30	ug/l	99
86) Hexachloroethane	12.60	117	23882	16.50	ug/l	69
87) 1,2-Dichlorobenzene	12.40	146	106907	19.53	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	12461	19.57	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	77255	18.63	ug/l	97
90) Hexachlorobutadiene	13.79	225	40866	21.23	ug/l	98
91) Naphthalene	13.84	128	217886	20.25	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	80281	19.61	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

Data File : VX001313.D
Acq On : 02 May 2018 12:27
Operator : JC/MD
Sample : VX0502WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

Quant Time: May 03 04:57:52 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 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

Data File : VX001313.D

Acq On : 02 May 2018 12:27

Operator : JC/MD

Sample : VX0502WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

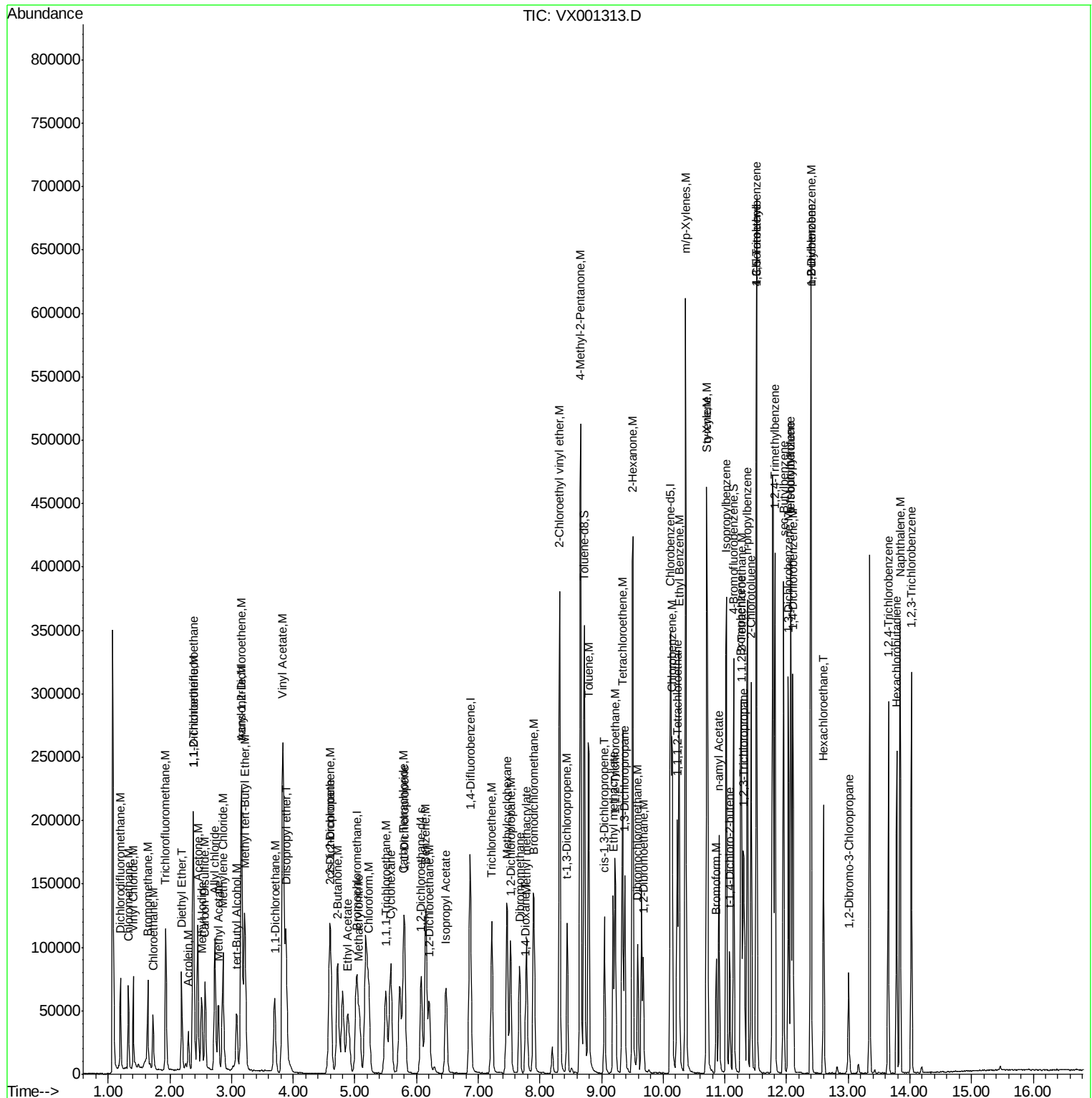
Quant Time: May 03 04:57:52 2018

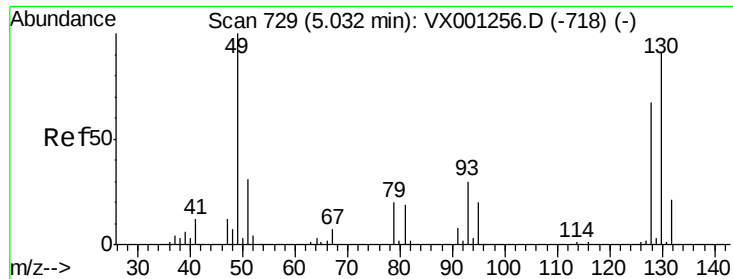
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Tue May 01 09:17:40 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

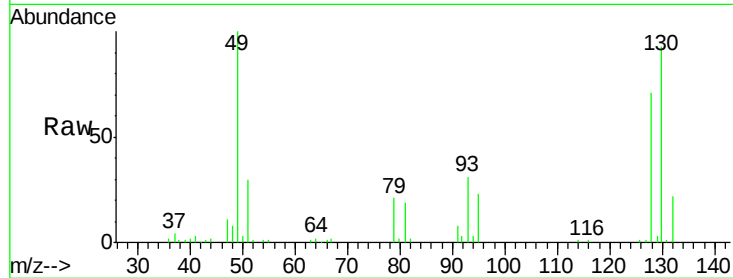
Tgt Ion:128 Resp: 33765

Ion Ratio Lower Upper

128 100

49 142.6 0.0 378.3

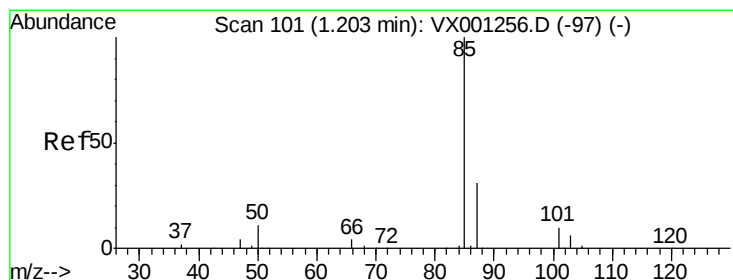
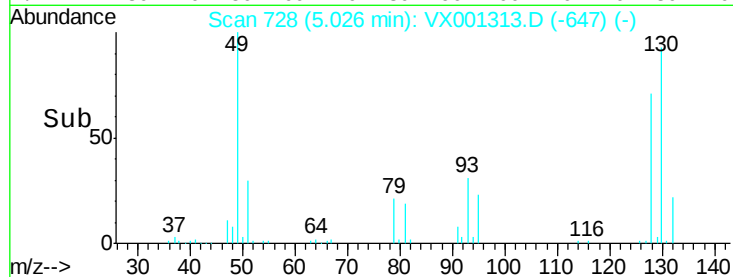
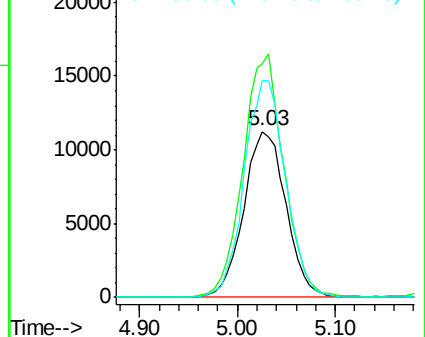
130 128.5 0.0 324.3



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: 18.57 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001313.D

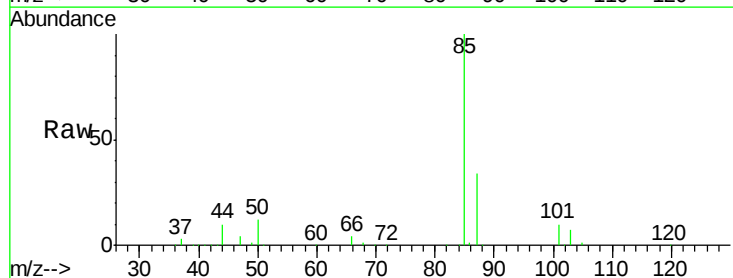
Acq: 02 May 2018 12:27

Tgt Ion: 85 Resp: 41112

Ion Ratio Lower Upper

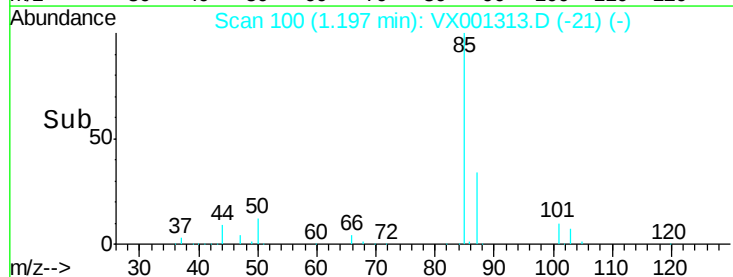
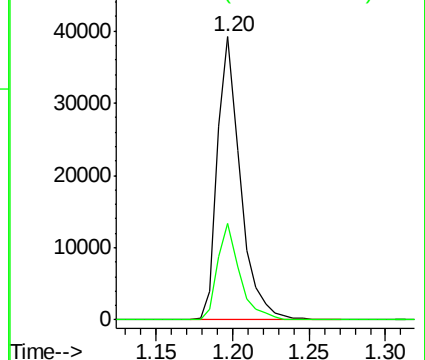
85 100

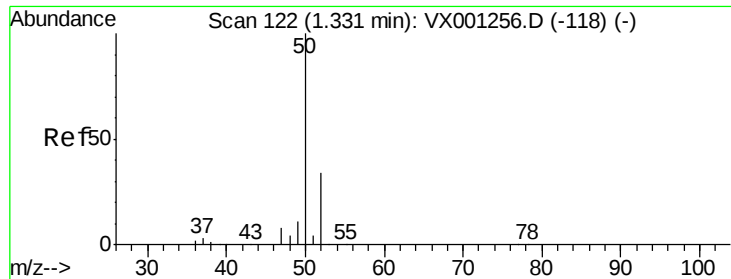
87 33.9 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

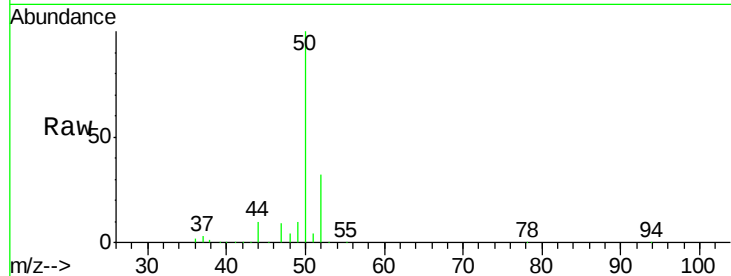
VX0502WBS03

Tgt Ion: 50 Resp: 39775

Ion Ratio Lower Upper

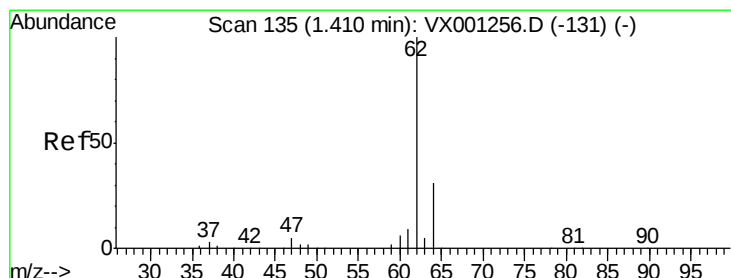
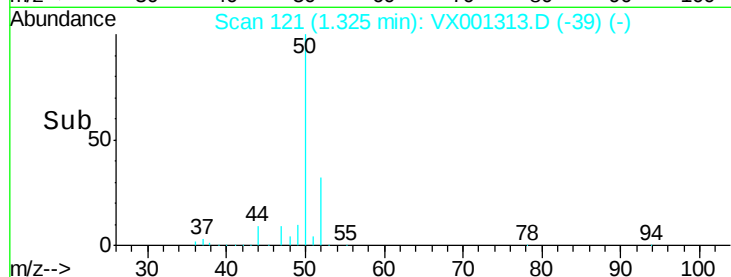
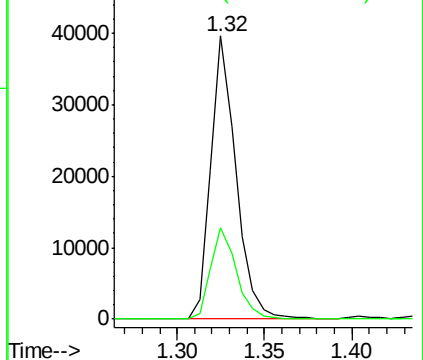
50 100

52 32.1 27.8 41.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.83 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001313.D

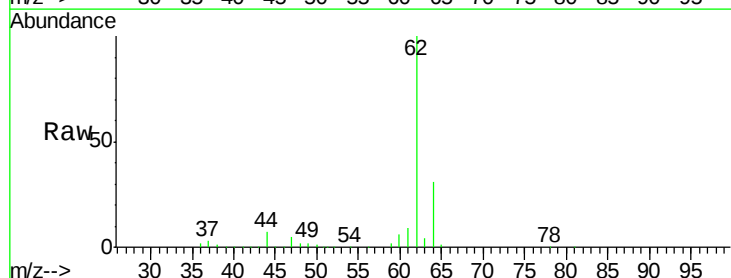
Acq: 02 May 2018 12:27

Tgt Ion: 62 Resp: 42983

Ion Ratio Lower Upper

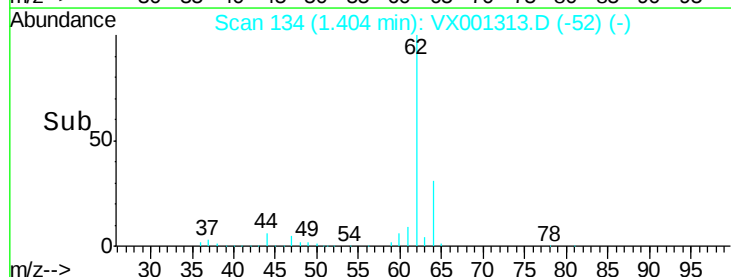
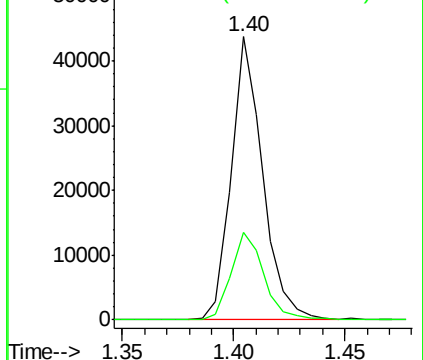
62 100

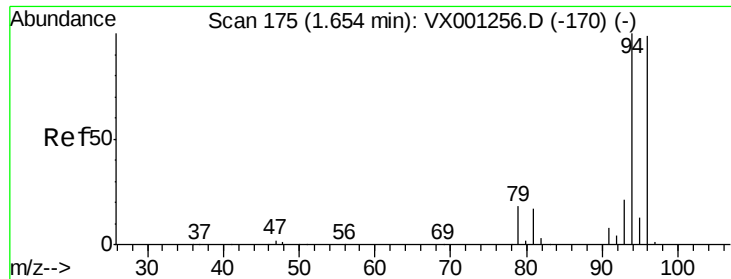
64 31.0 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

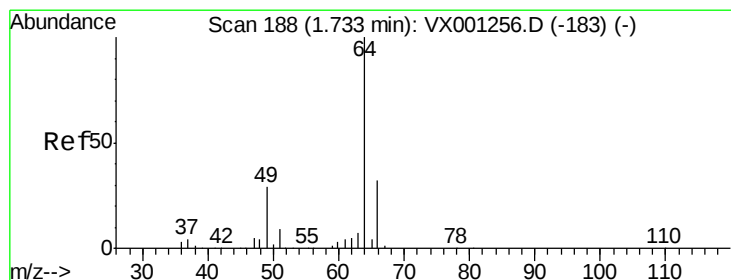
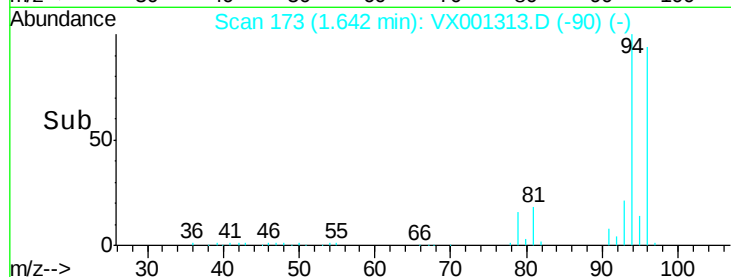
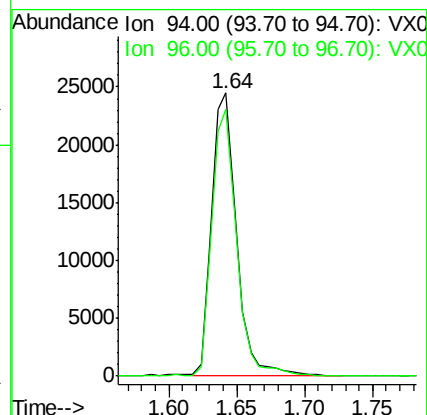
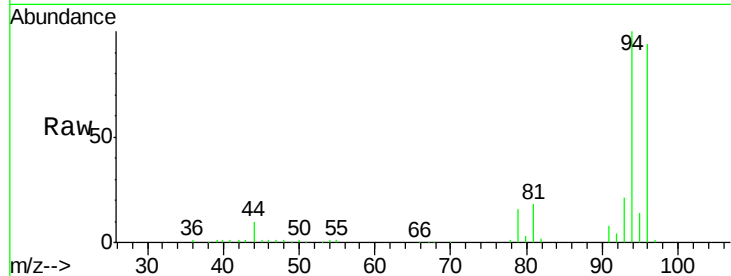




#5
Bromomethane
Concen: 19.01 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

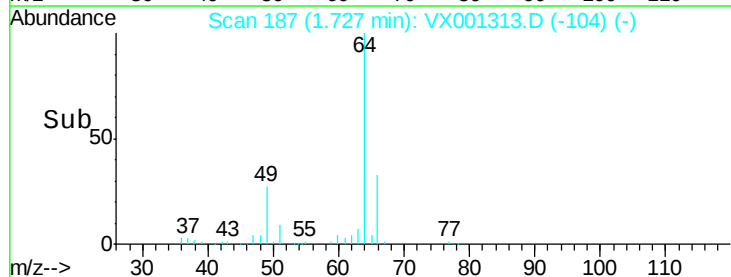
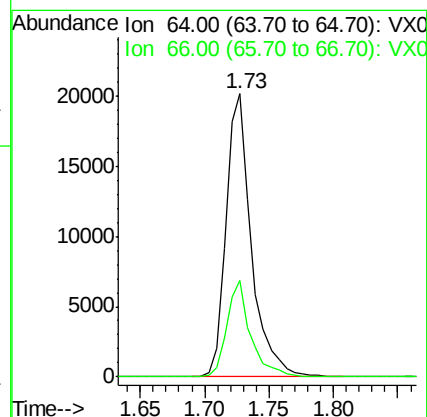
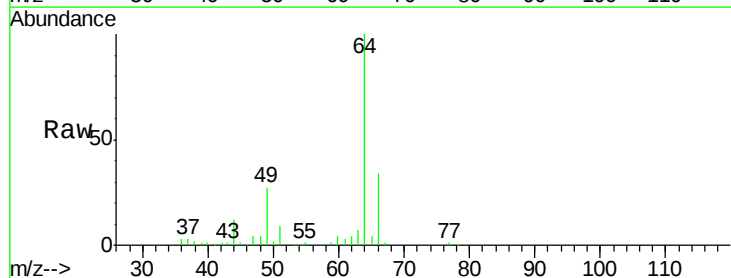
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS03

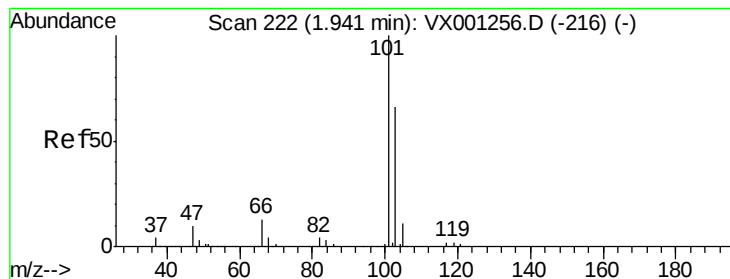
Tgt Ion: 94 Resp: 31123
Ion Ratio Lower Upper
94 100
96 94.3 76.2 114.2



#6
Chloroethane
Concen: 21.06 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 64 Resp: 27921
Ion Ratio Lower Upper
64 100
66 33.9 25.2 37.8



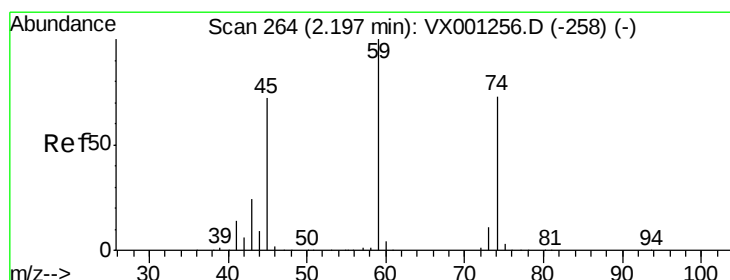
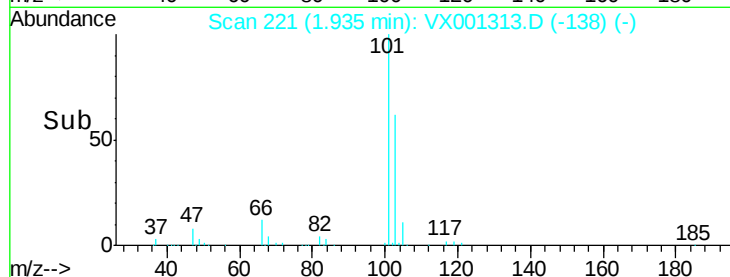
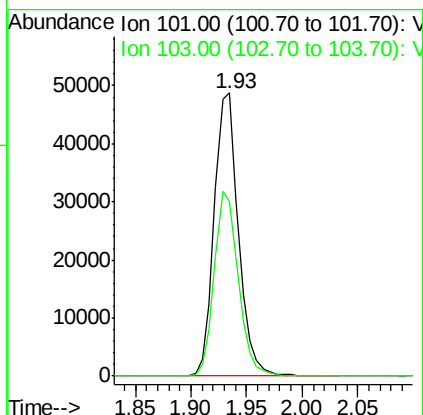
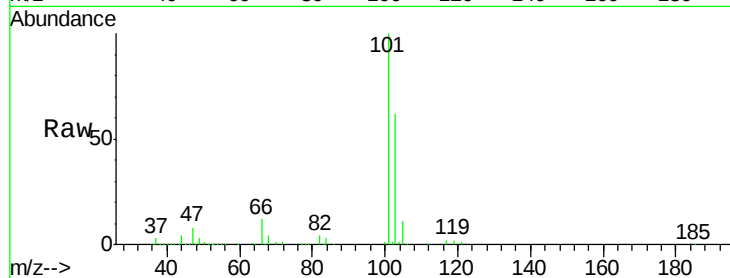


#7

Trichlorofluoromethane
 Concen: 20.48 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

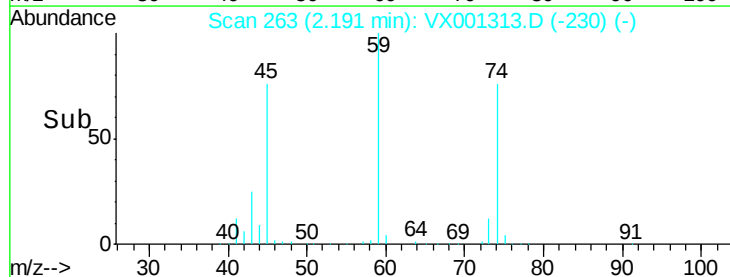
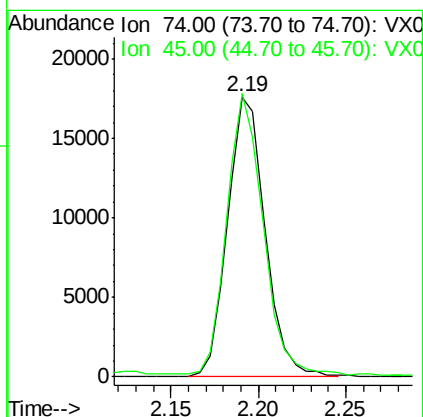
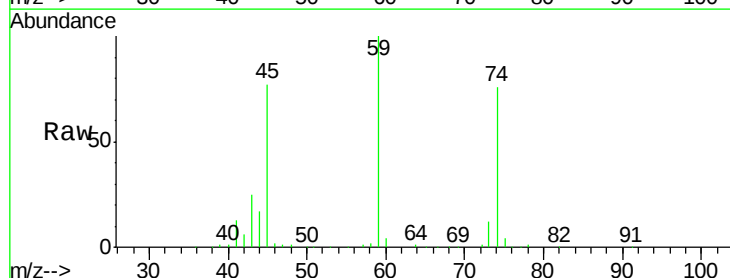
Tgt Ion: 101 Resp: 73718
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.2 78.4

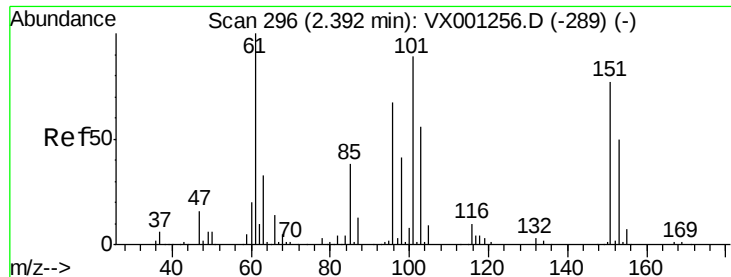


#8

Diethyl Ether
 Concen: 21.08 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 74 Resp: 26346
 Ion Ratio Lower Upper
 74 100
 45 96.2 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.25 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

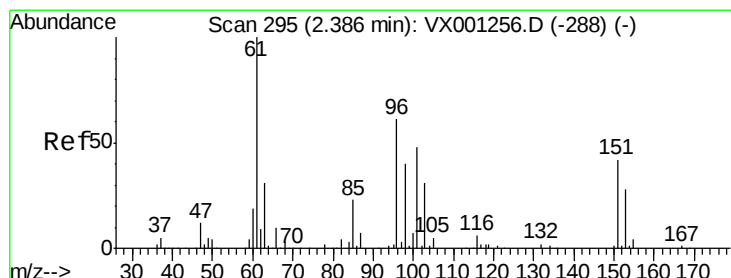
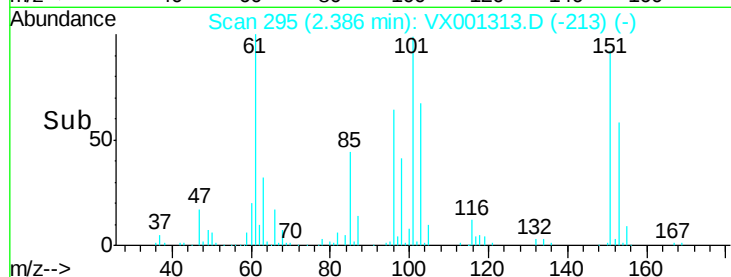
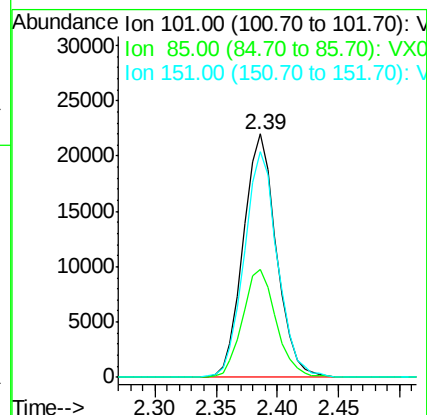
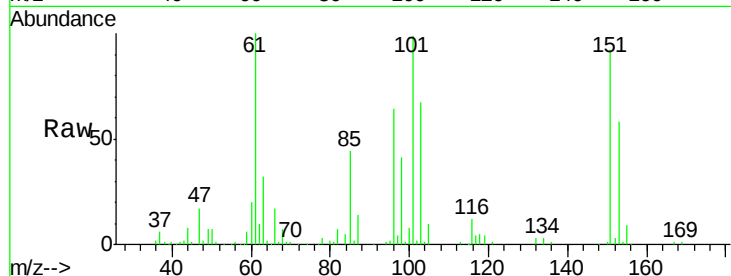
Tgt Ion: 101 Resp: 41350

Ion Ratio Lower Upper

101 100

85 45.2 0.0 90.4

151 93.3 0.0 167.6



#10

1,1-Dichloroethene

Concen: 19.98 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

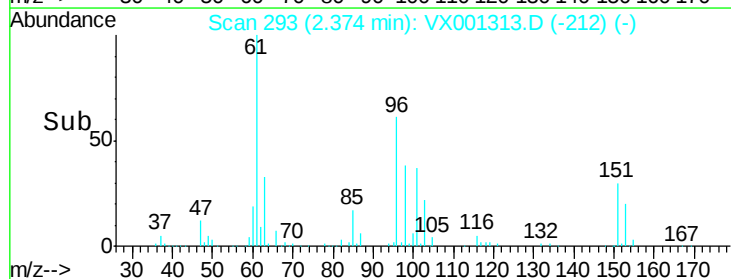
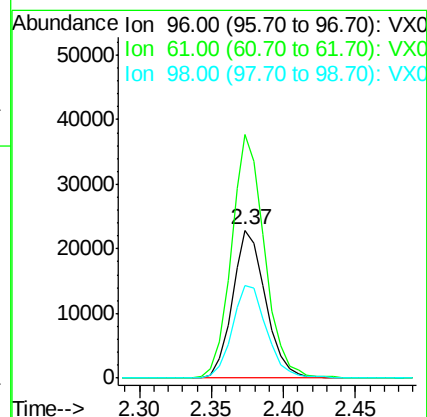
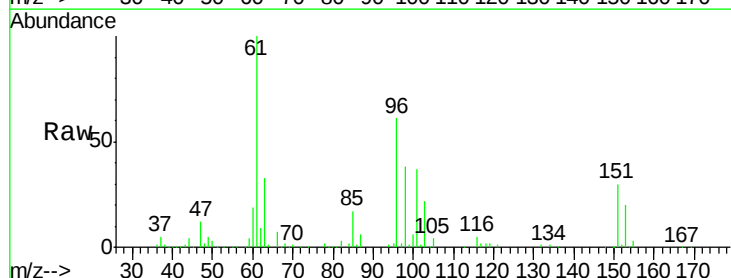
Tgt Ion: 96 Resp: 36948

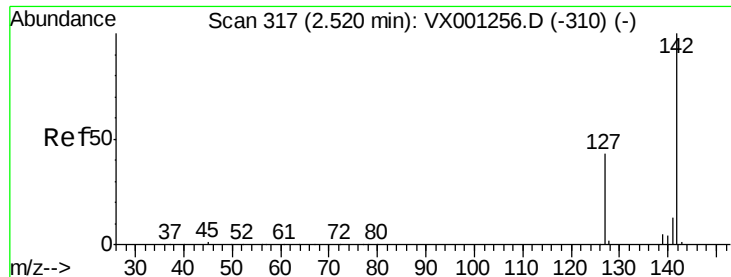
Ion Ratio Lower Upper

96 100

61 164.1 118.6 178.0

98 62.7 51.0 76.6

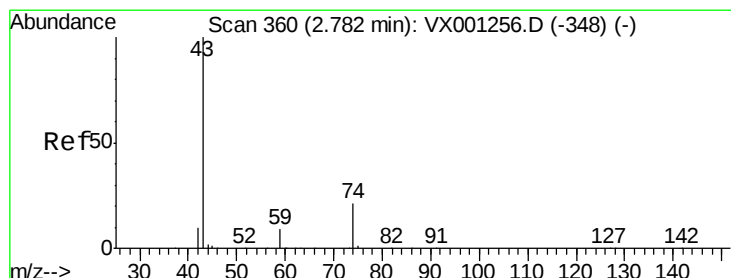
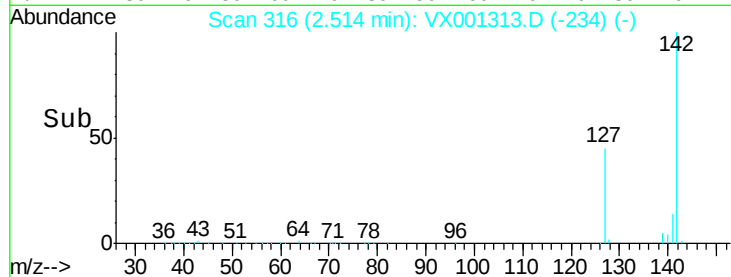
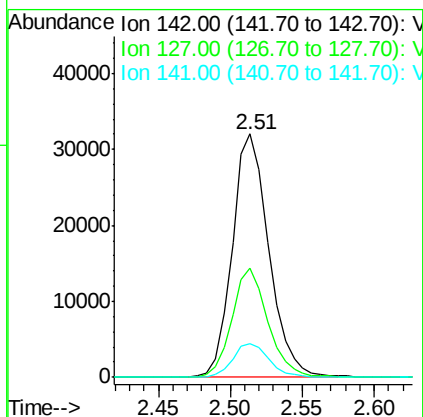
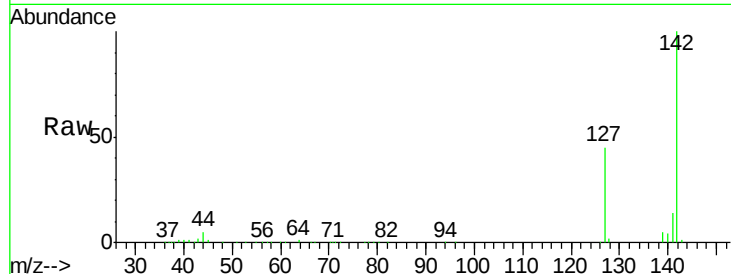




#11
Methyl Iodide
Concen: 25.19 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

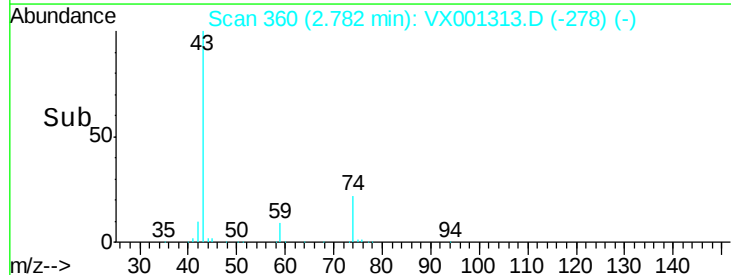
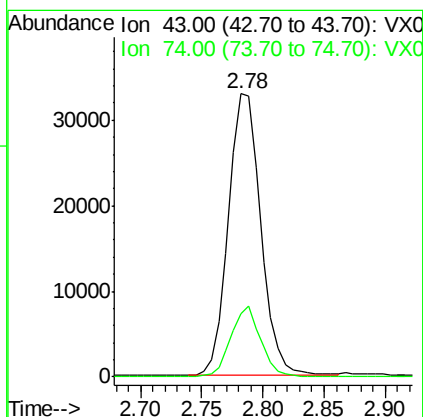
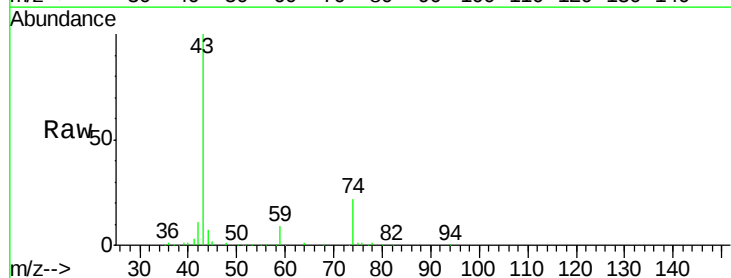
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

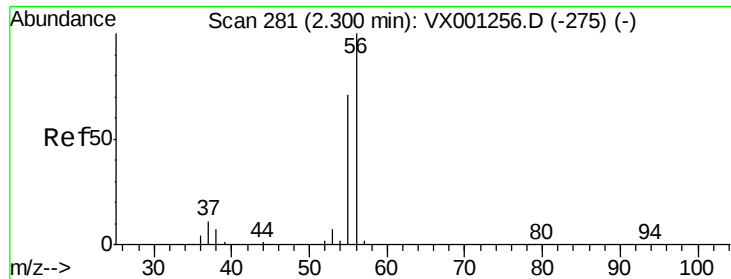
Tgt Ion:142 Resp: 56675
Ion Ratio Lower Upper
142 100
127 44.7 23.8 71.5
141 14.1 8.2 24.4



#12
Methyl Acetate
Concen: 24.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 43 Resp: 60767
Ion Ratio Lower Upper
43 100
74 22.1 18.6 27.8

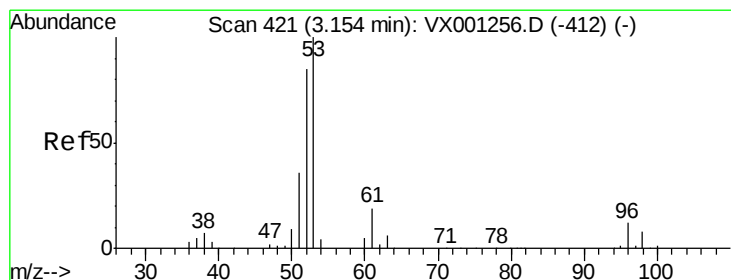
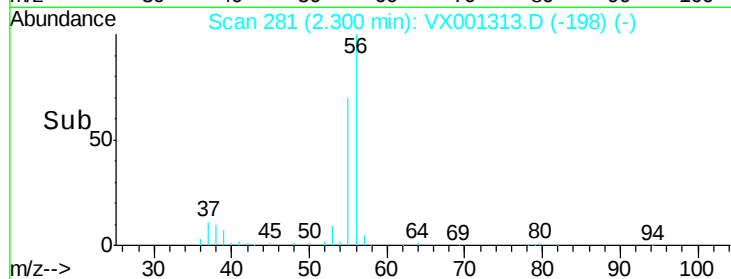
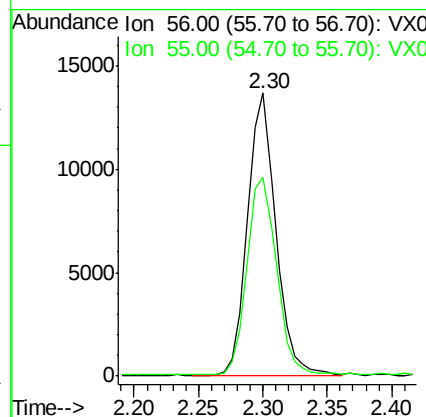
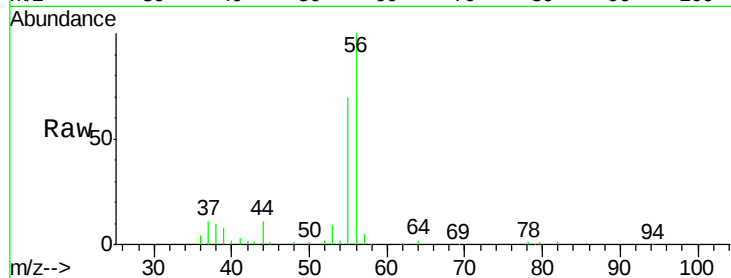




#13
 Acrolein
 Concen: 71.95 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

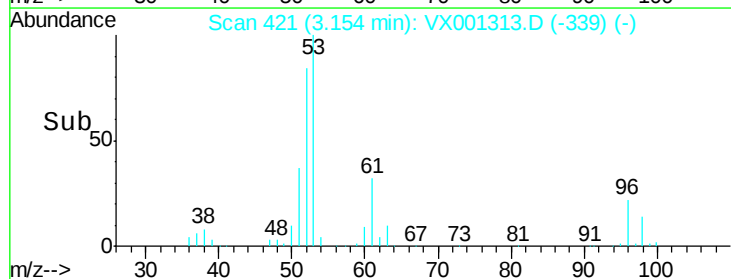
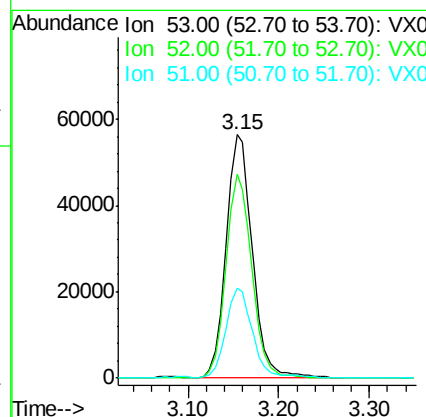
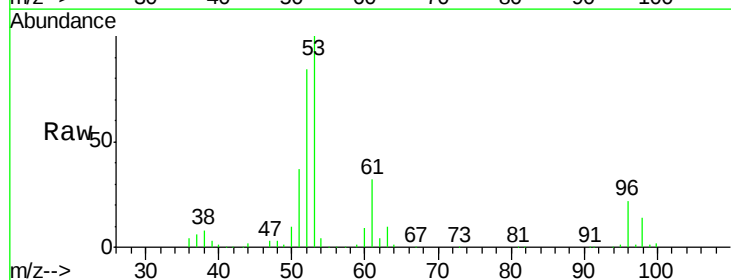
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

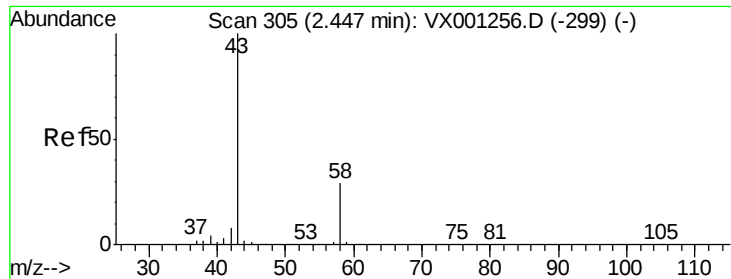
Tgt Ion: 56 Resp: 20866
 Ion Ratio Lower Upper
 56 100
 55 72.4 57.3 85.9



#14
 Acrylonitrile
 Concen: 117.66 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 53 Resp: 113869
 Ion Ratio Lower Upper
 53 100
 52 81.3 41.9 125.8
 51 35.9 18.8 56.3





#15

Acetone

Concen: 113.08 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

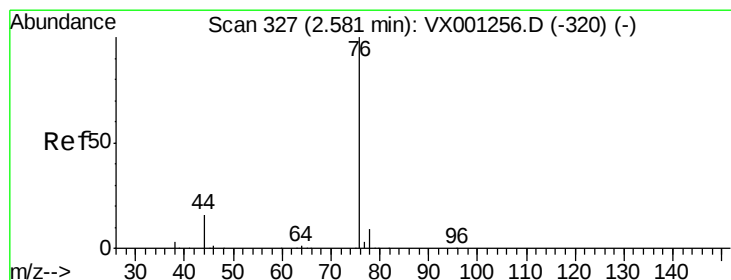
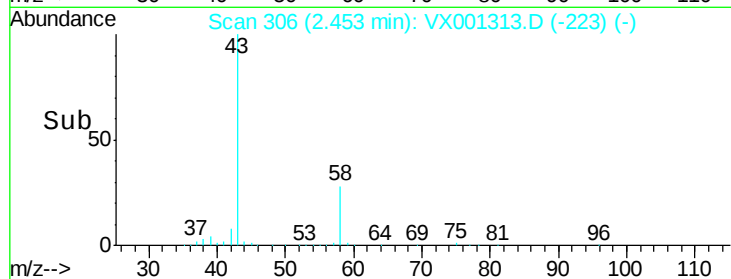
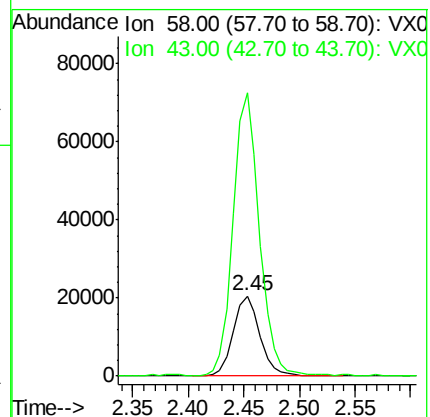
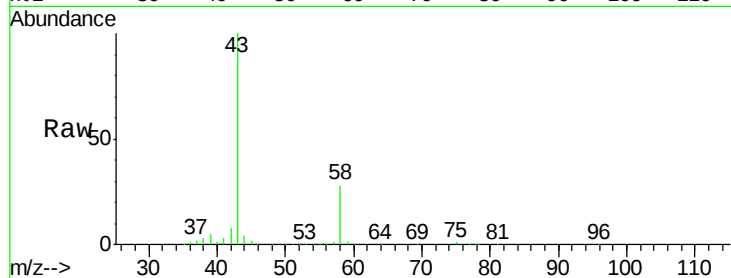
VX0502WBS03

Tgt Ion: 58 Resp: 34050

Ion Ratio Lower Upper

58 100

43 351.7 264.6 396.8



#16

Carbon Disulfide

Concen: 17.42 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001313.D

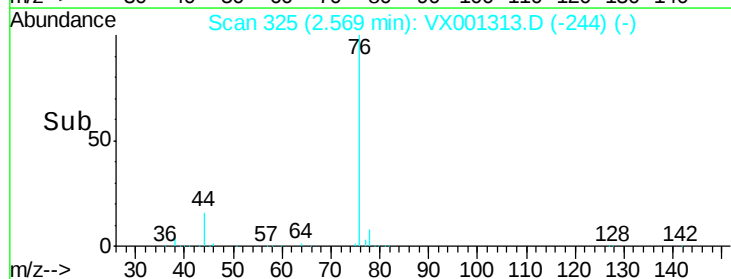
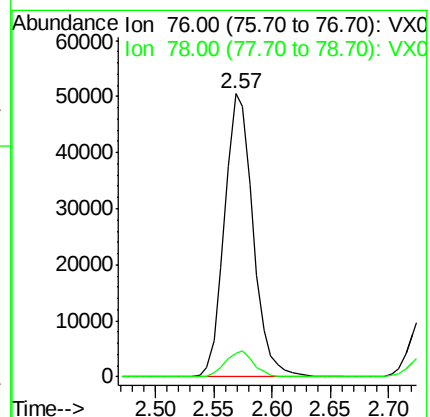
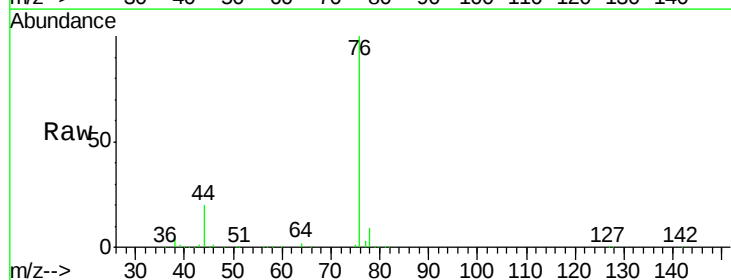
Acq: 02 May 2018 12:27

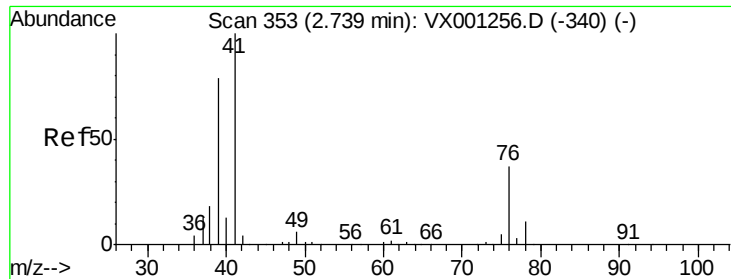
Tgt Ion: 76 Resp: 85712

Ion Ratio Lower Upper

76 100

78 8.4 6.8 10.2

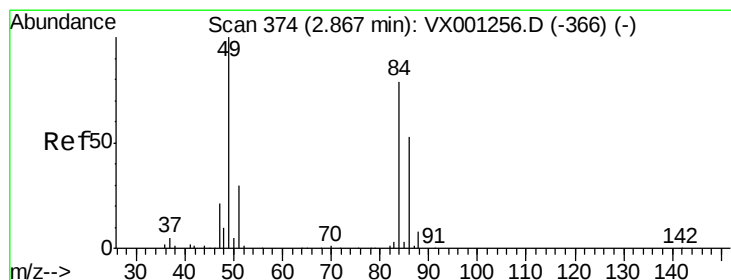
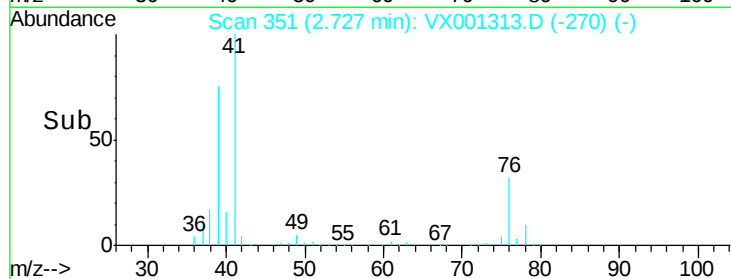
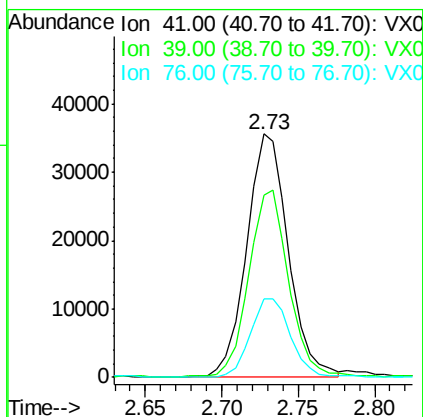
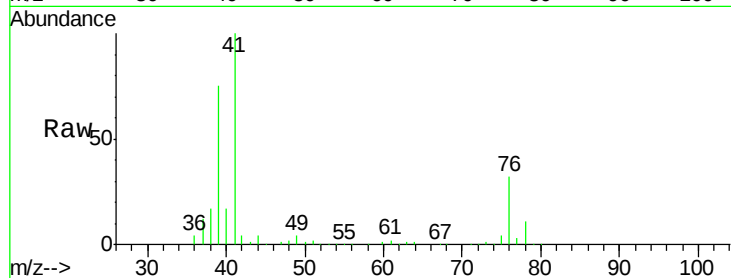




#17
 Allyl chloride
 Concen: 20.36 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

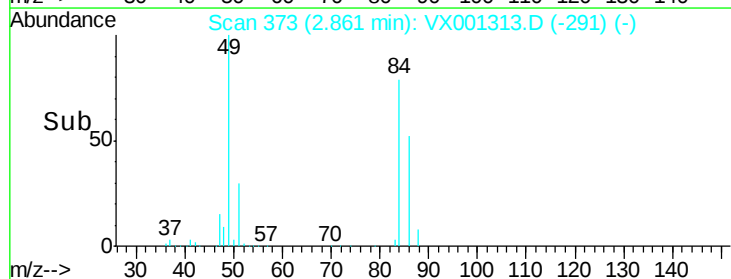
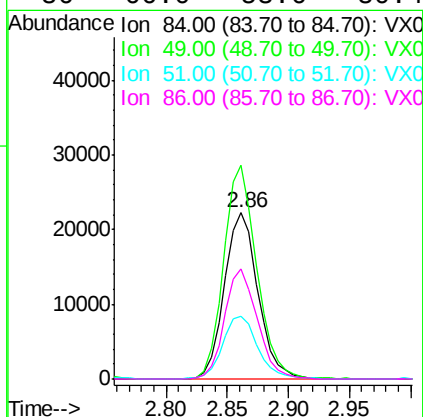
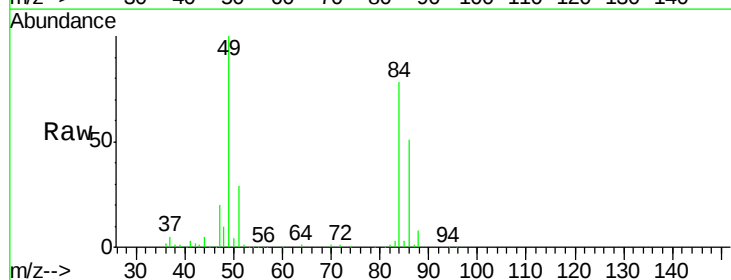
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

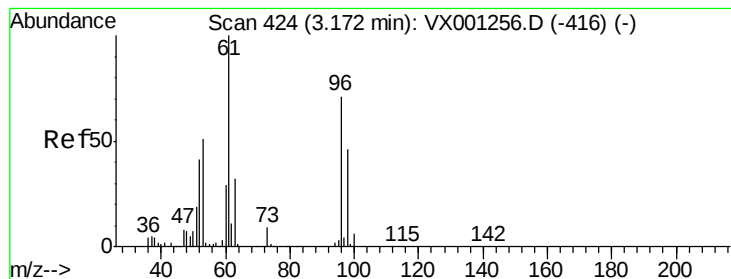
Tgt Ion: 41 Resp: 66809
 Ion Ratio Lower Upper
 41 100
 39 74.7 38.5 115.5
 76 32.0 18.7 56.1



#18
 Methylene Chloride
 Concen: 21.06 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 84 Resp: 42462
 Ion Ratio Lower Upper
 84 100
 49 128.5 103.3 154.9
 51 37.7 31.2 46.8
 86 66.0 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 20.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

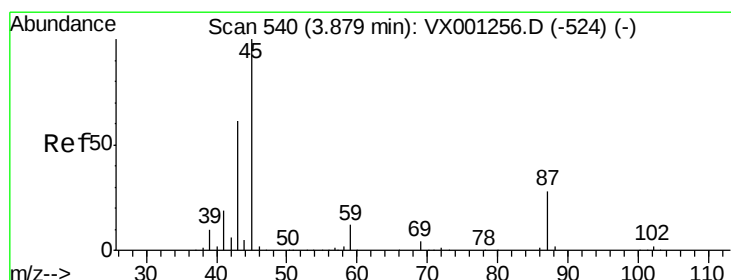
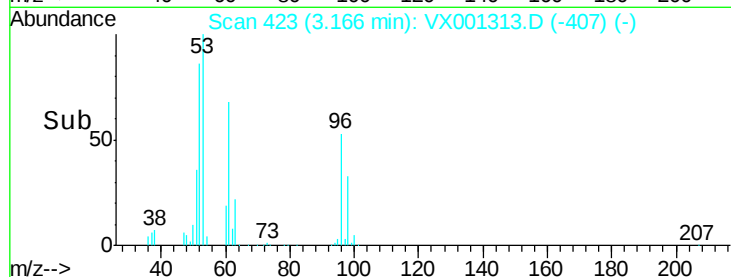
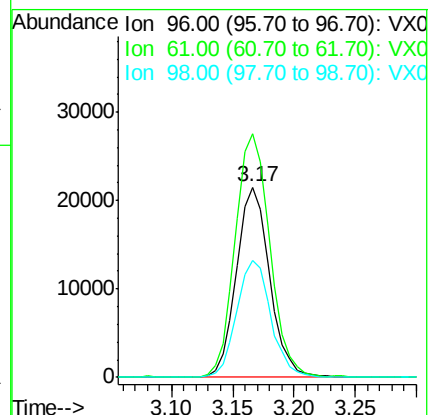
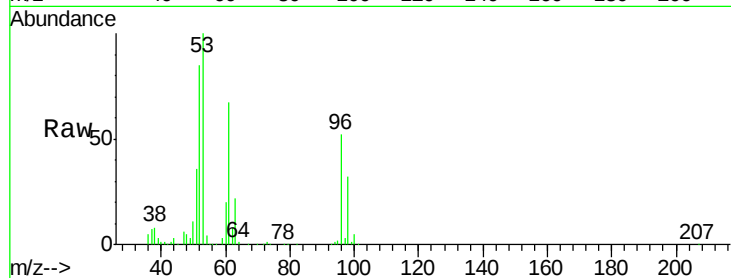
Tgt Ion: 96 Resp: 40480

Ion Ratio Lower Upper

96 100

61 128.0 101.0 151.6

98 61.7 53.3 79.9



#20

Diisopropyl ether

Concen: 18.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Tgt Ion: 45 Resp: 118616

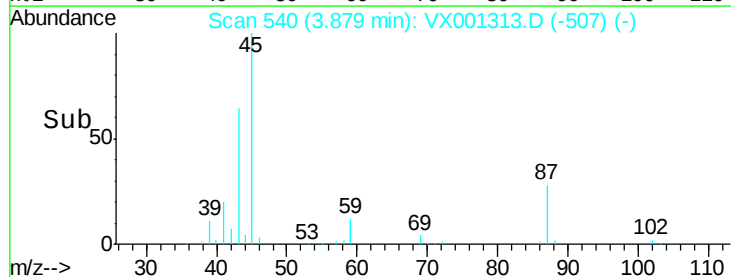
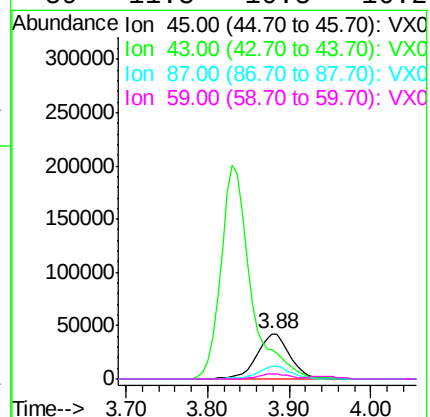
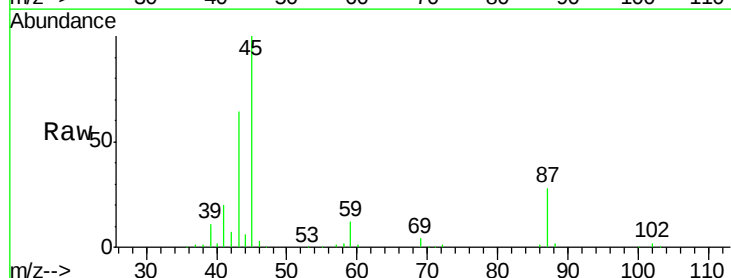
Ion Ratio Lower Upper

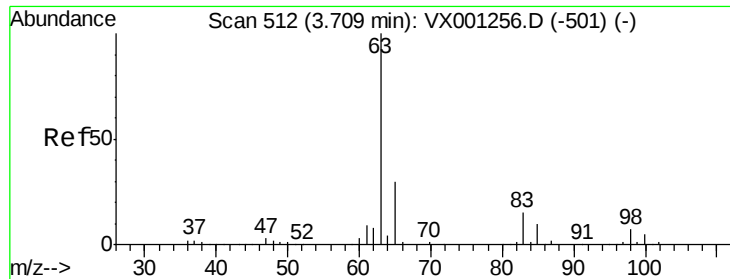
45 100

43 62.4 49.6 74.4

87 28.3 23.1 34.7

59 11.8 10.8 16.2

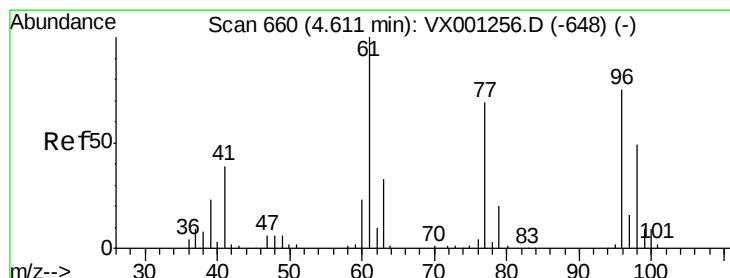
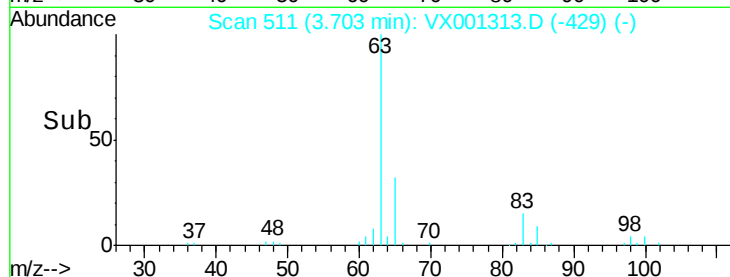
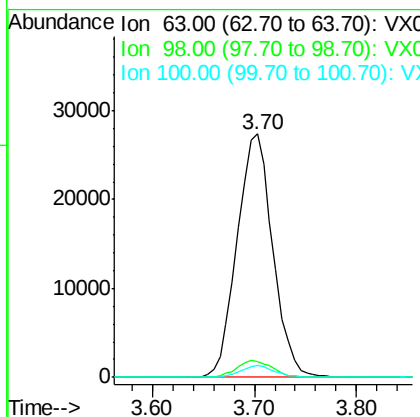
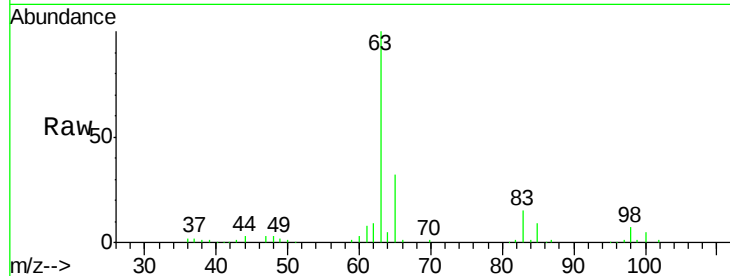




#21
 1,1-Dichloroethane
 Concen: 19.13 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

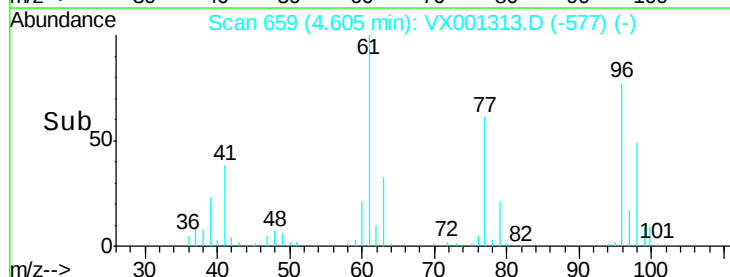
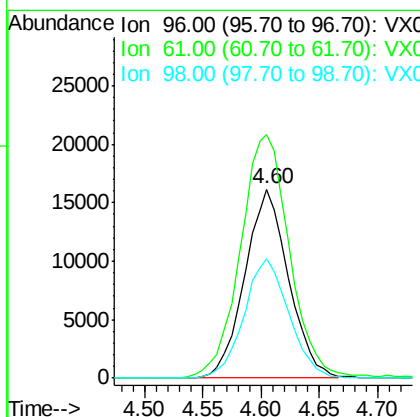
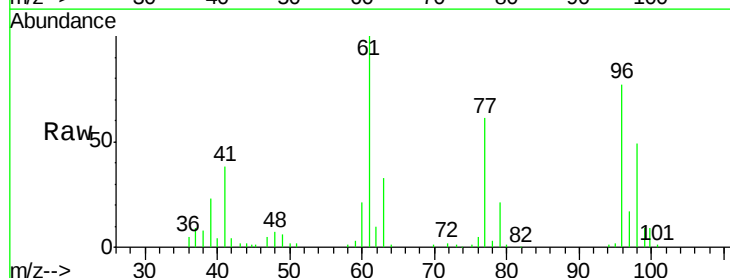
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

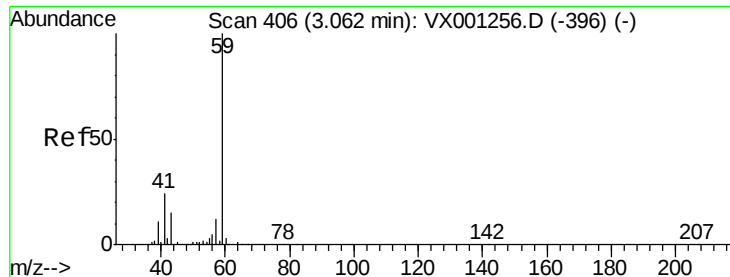
Tgt Ion: 63 Resp: 66398
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.8 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 18.96 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 96 Resp: 42220
 Ion Ratio Lower Upper
 96 100
 61 145.1 113.5 170.3
 98 64.9 51.8 77.8





#23

tert-Butyl Alcohol

Concen: 132.31 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

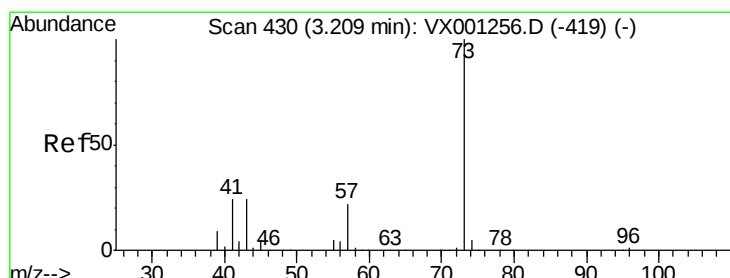
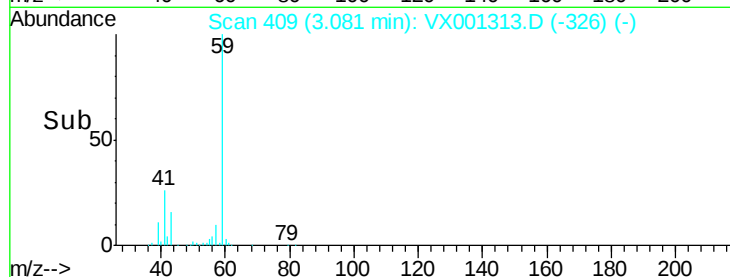
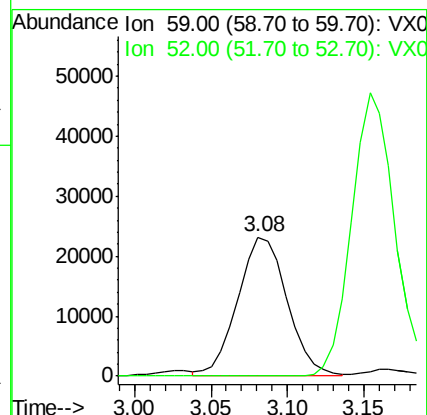
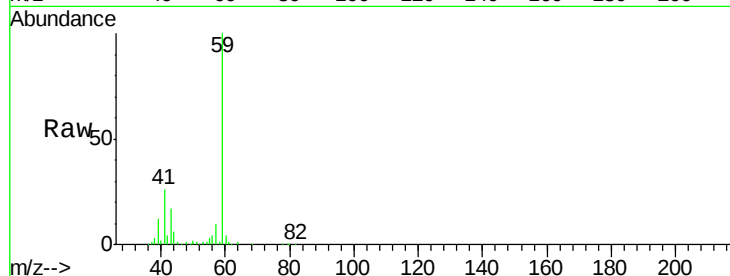
VX0502WBS03

Tgt Ion: 59 Resp: 52329

Ion Ratio Lower Upper

59 100

52 0.2 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 21.30 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001313.D

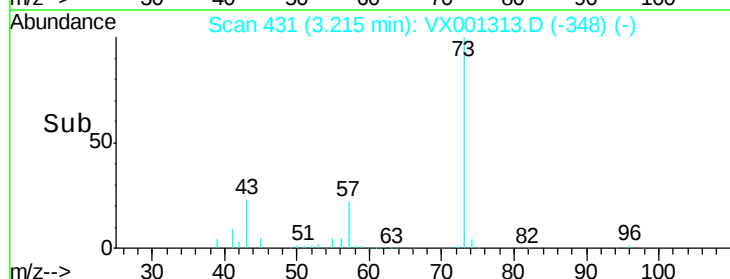
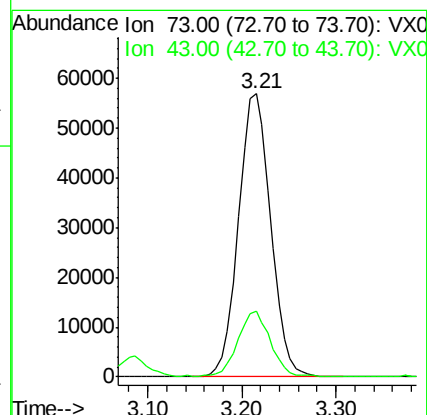
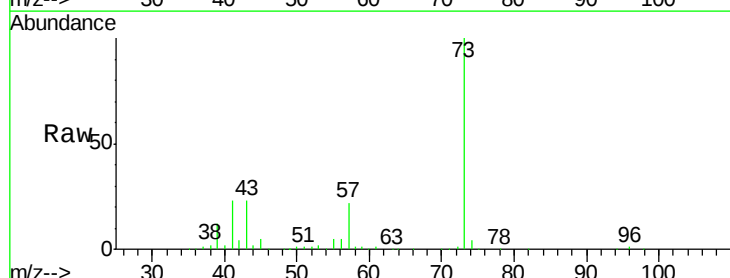
Acq: 02 May 2018 12:27

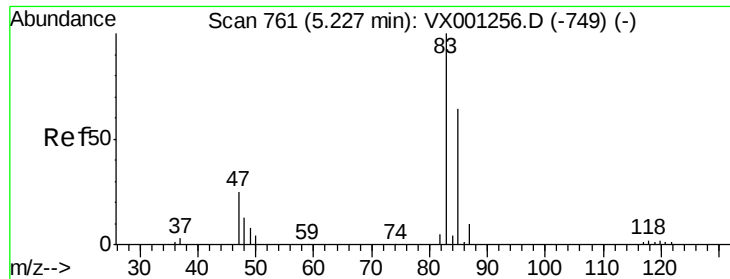
Tgt Ion: 73 Resp: 135084

Ion Ratio Lower Upper

73 100

43 22.7 16.5 24.7

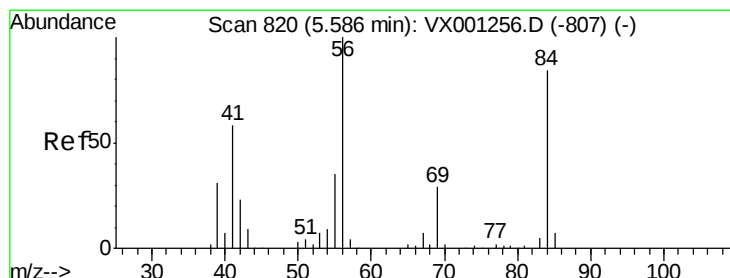
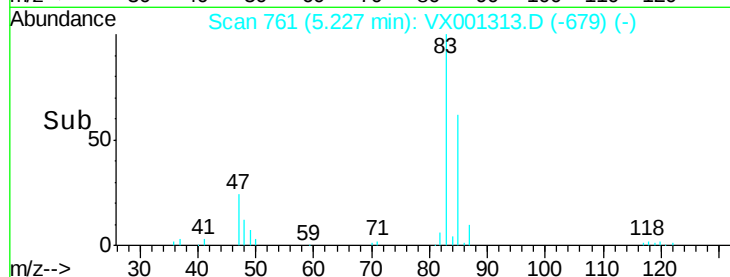
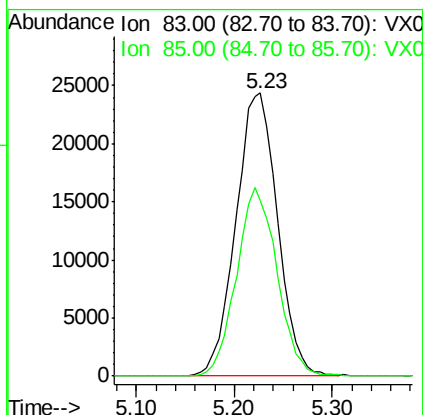
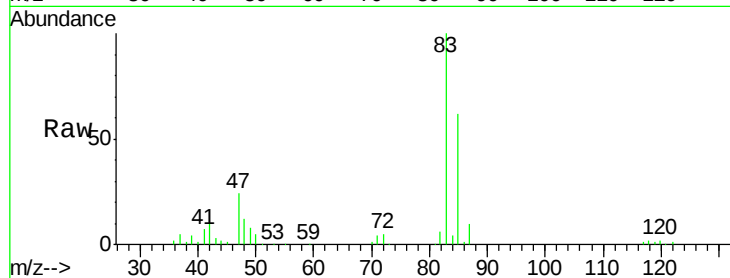




#25
Chloroform
Concen: 19.14 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

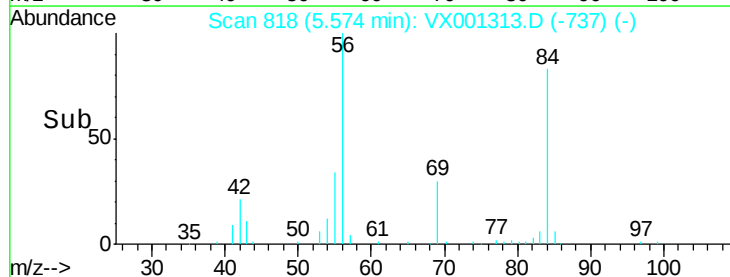
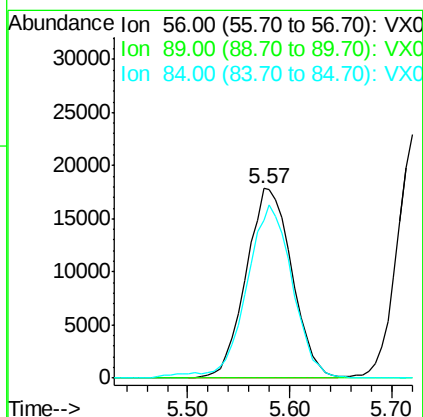
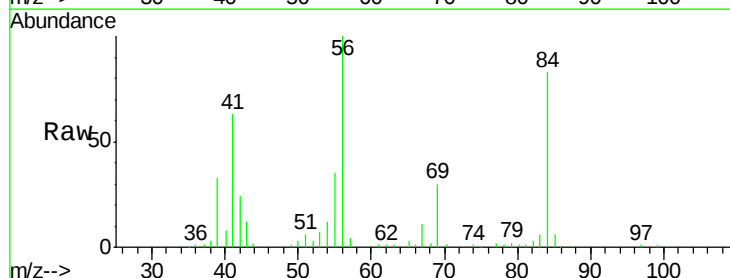
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

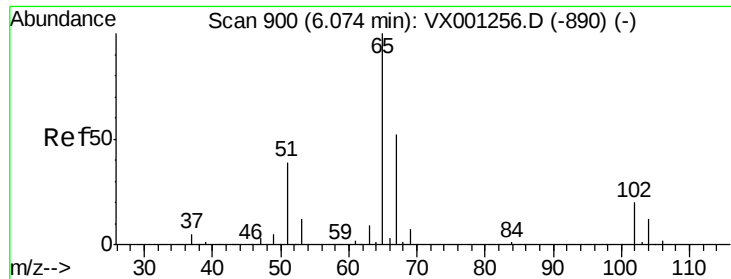
Tgt Ion: 83 Resp: 72321
Ion Ratio Lower Upper
83 100
85 62.0 52.5 78.7



#26
Cyclohexane
Concen: 17.66 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 56 Resp: 55734
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.4 74.8 112.2

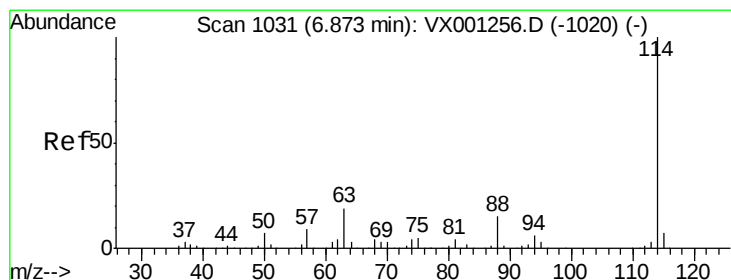
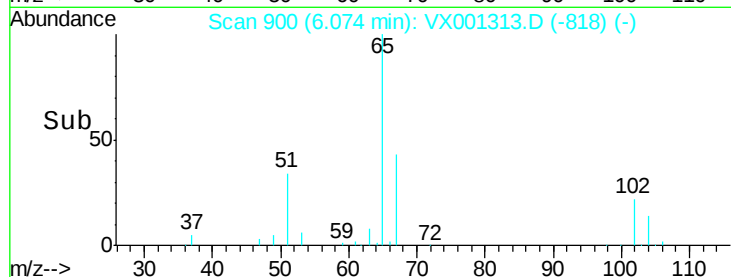
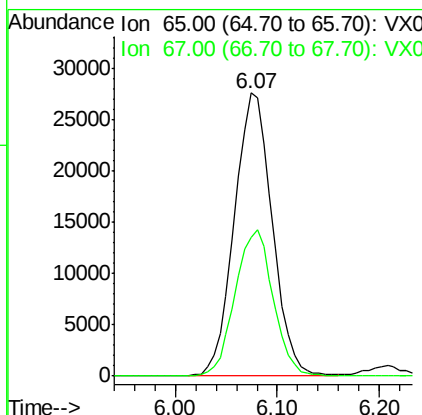
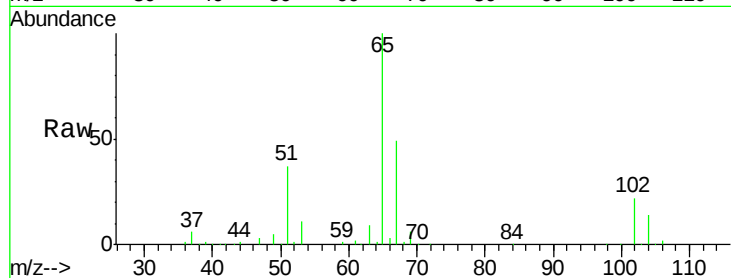




#27
 1,2-Dichloroethane-d4
 Concen: 29.28 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

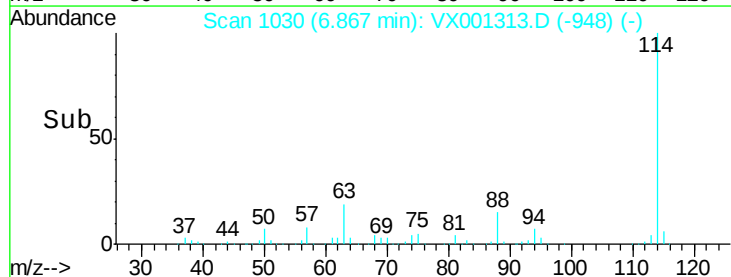
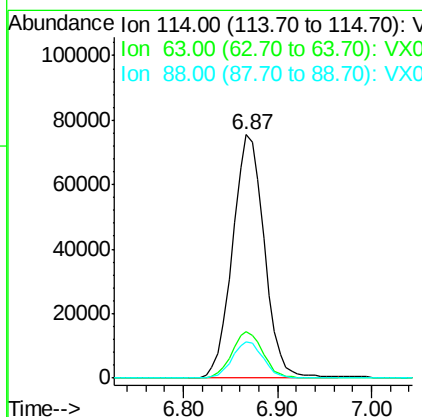
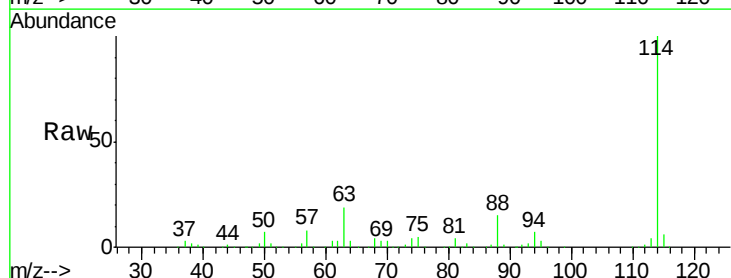
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

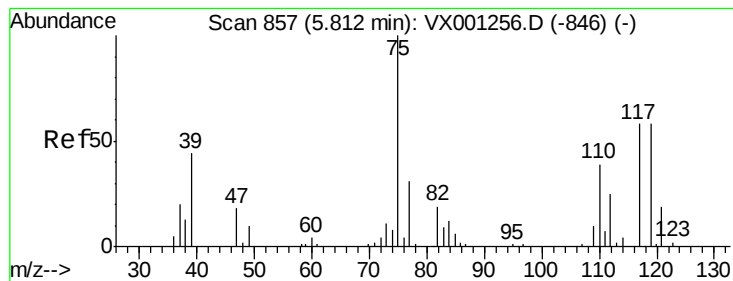
Tgt Ion: 65 Resp: 71323
 Ion Ratio Lower Upper
 65 100
 67 51.8 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 114 Resp: 177665
 Ion Ratio Lower Upper
 114 100
 63 18.7 15.0 22.4
 88 14.5 11.8 17.8





#29

1,1-Dichloropropene

Concen: 19.01 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

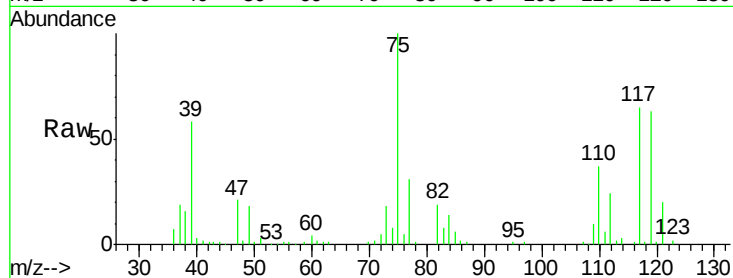
Tgt Ion: 75 Resp: 50024

Ion Ratio Lower Upper

75 100

110 38.4 0.0 75.6

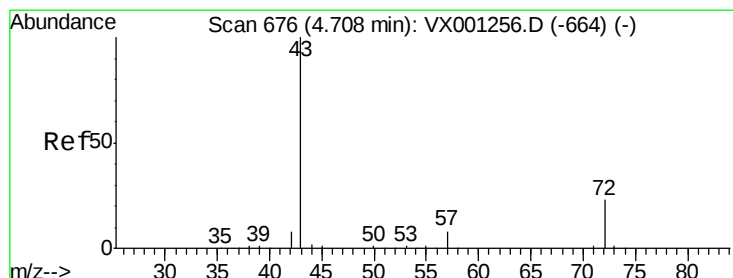
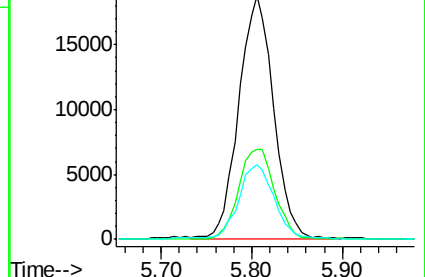
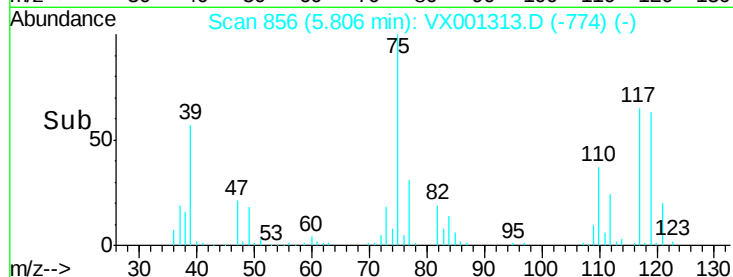
77 31.4 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 112.31 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

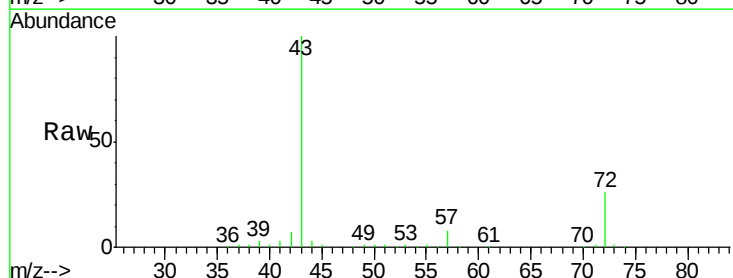
Tgt Ion: 43 Resp: 151487

Ion Ratio Lower Upper

43 100

57 8.3 6.6 10.0

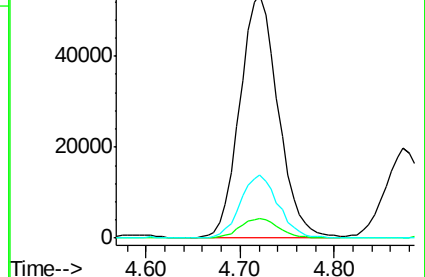
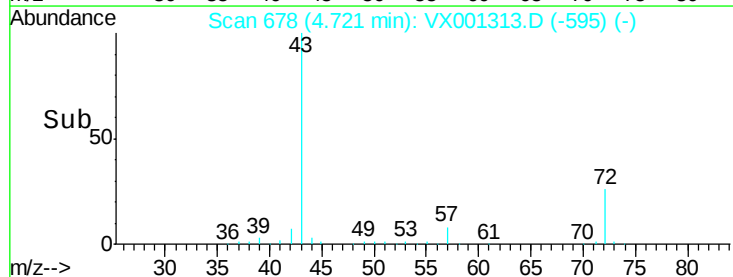
72 25.9 21.8 32.6

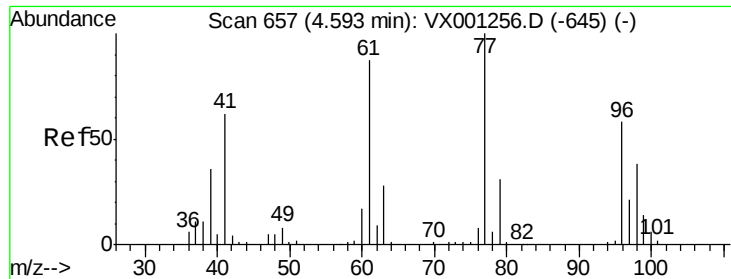


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 18.11 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

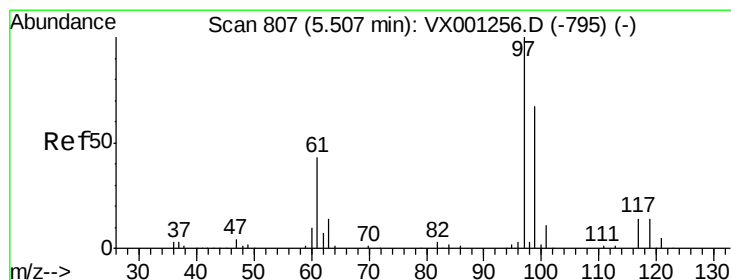
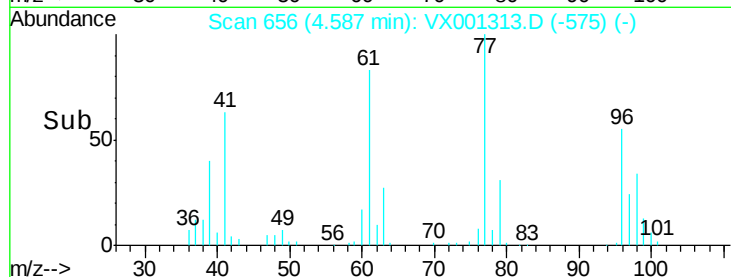
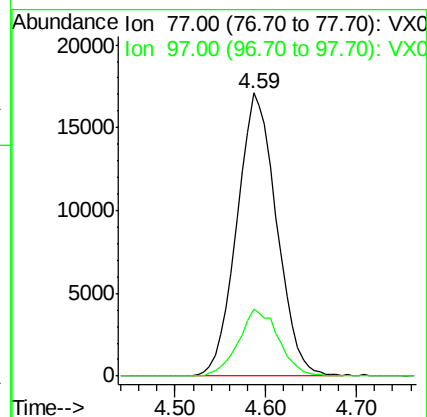
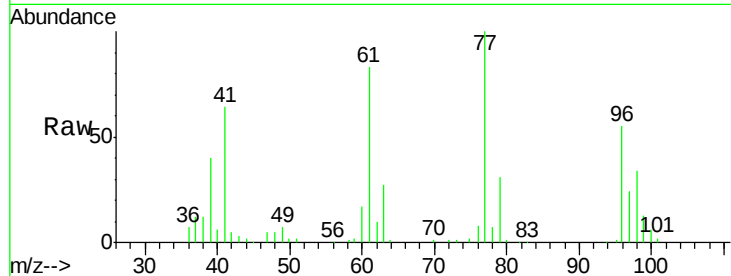
VX0502WBS03

Tgt Ion: 77 Resp: 52031

Ion Ratio Lower Upper

77 100

97 23.8 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

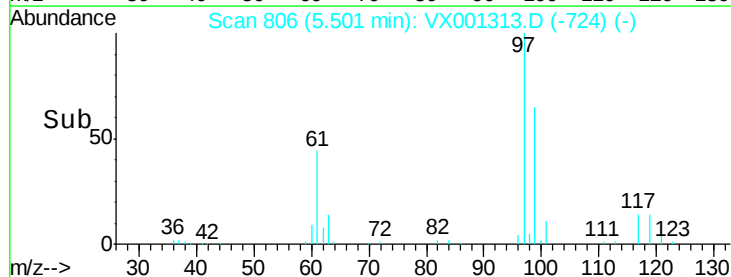
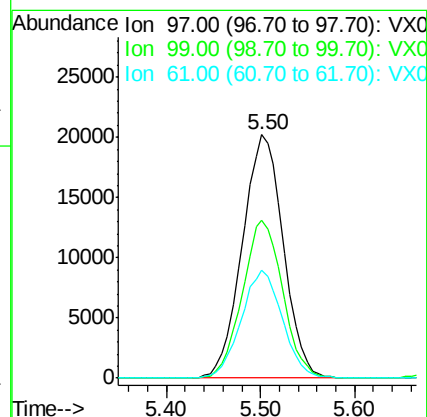
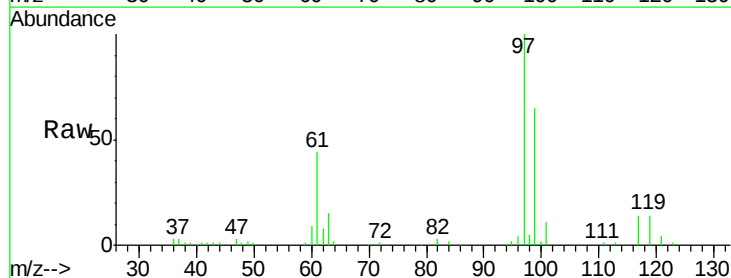
Tgt Ion: 97 Resp: 61648

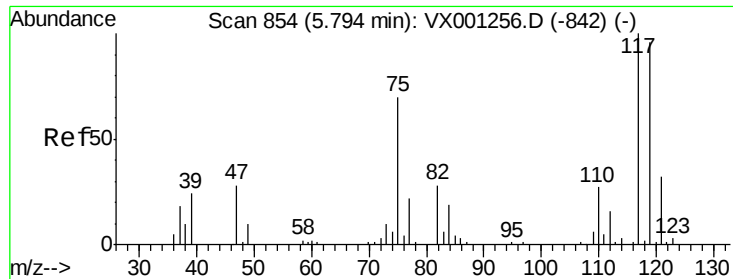
Ion Ratio Lower Upper

97 100

99 63.7 52.3 78.5

61 44.3 34.3 51.5

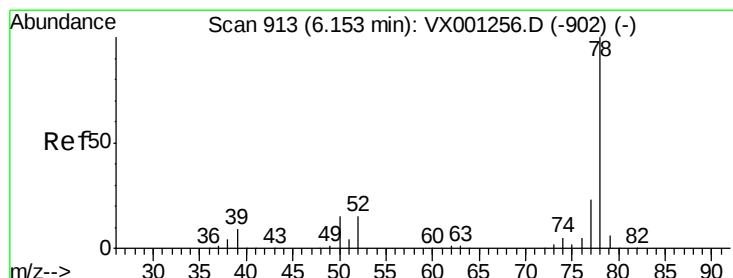
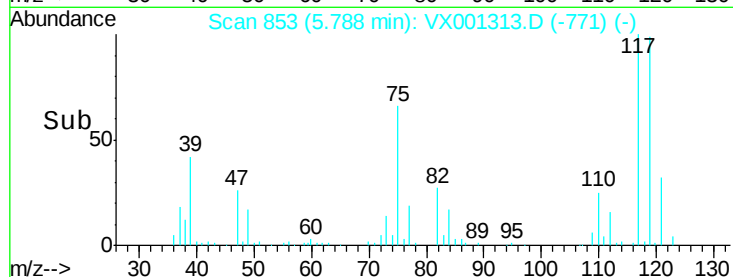
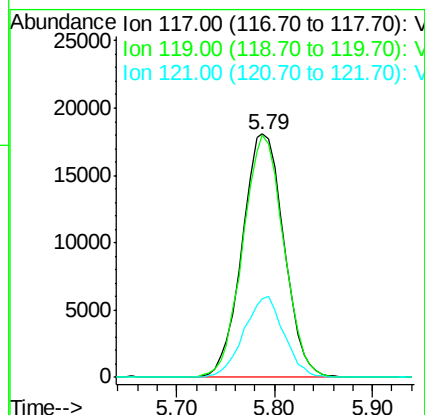
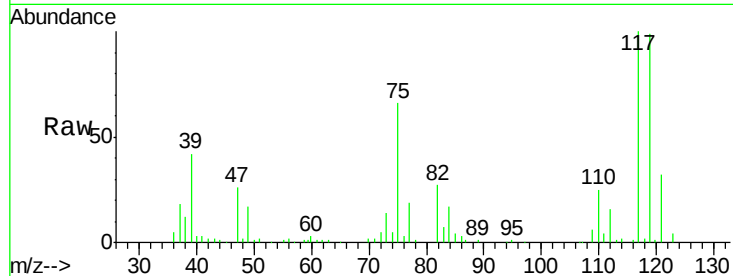




#33
Carbon Tetrachloride
Concen: 18.68 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

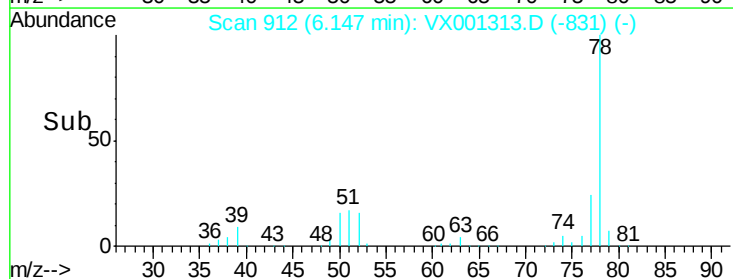
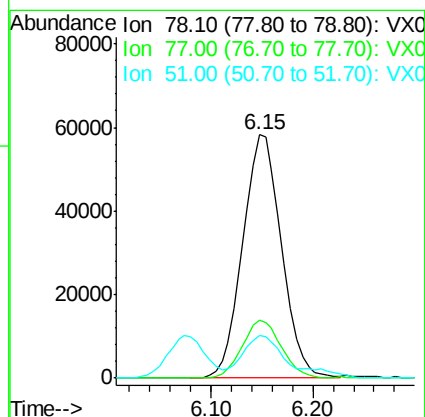
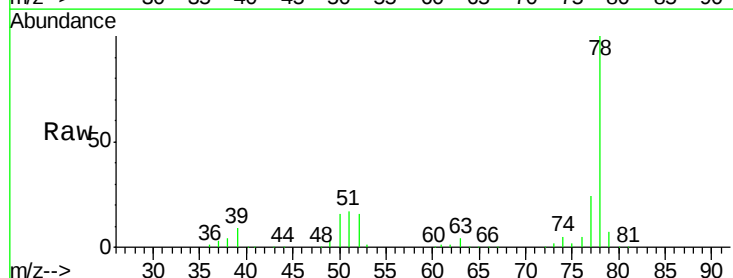
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

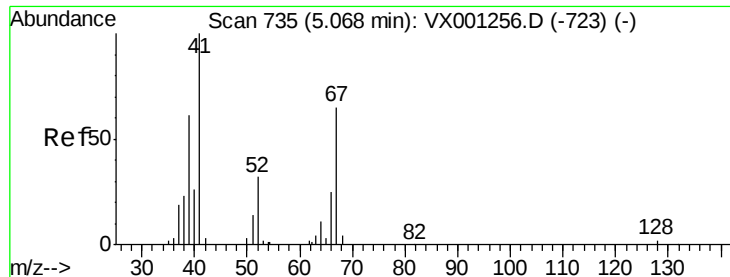
Tgt Ion:117 Resp: 53611
Ion Ratio Lower Upper
117 100
119 99.5 73.5 110.3
121 32.2 24.6 37.0



#34
Benzene
Concen: 19.73 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 78 Resp: 153921
Ion Ratio Lower Upper
78 100
77 23.9 21.7 32.5
51 15.6 14.9 22.3

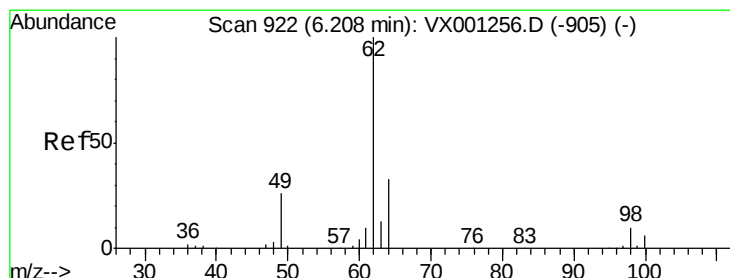
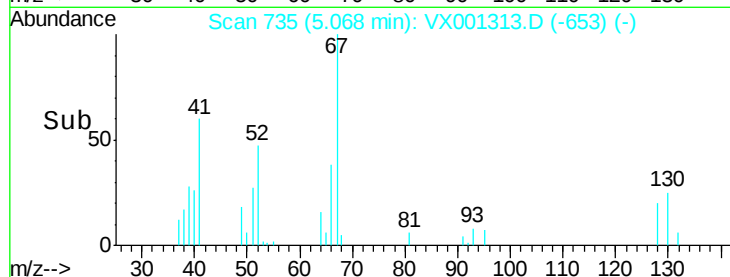
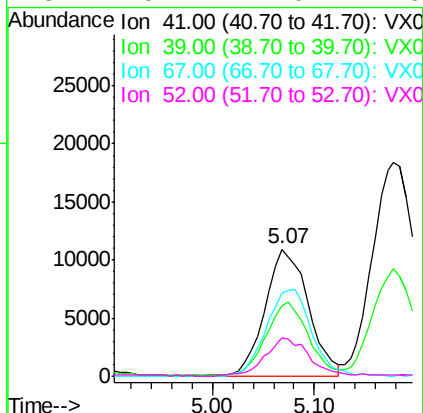
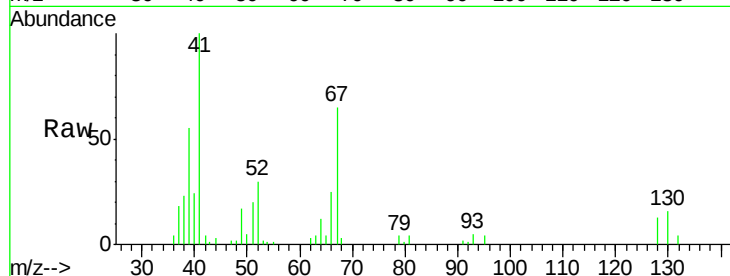




#35
Methacrylonitrile
Concen: 21.56 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

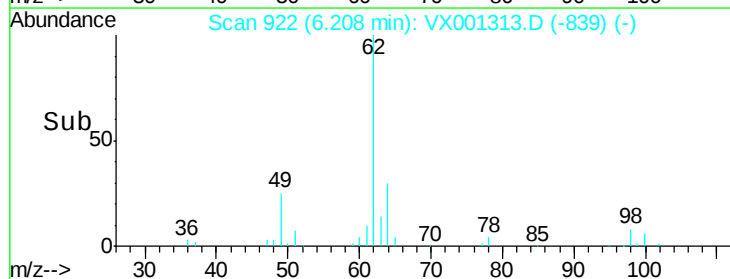
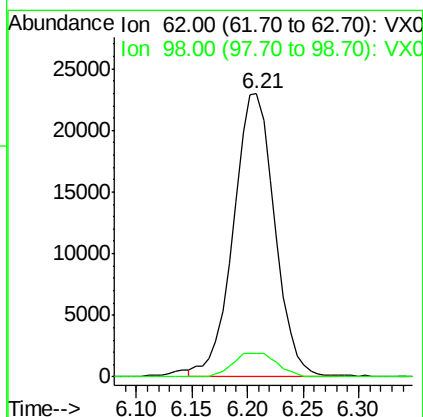
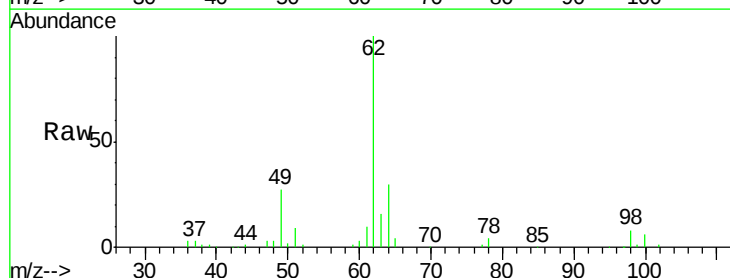
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS03

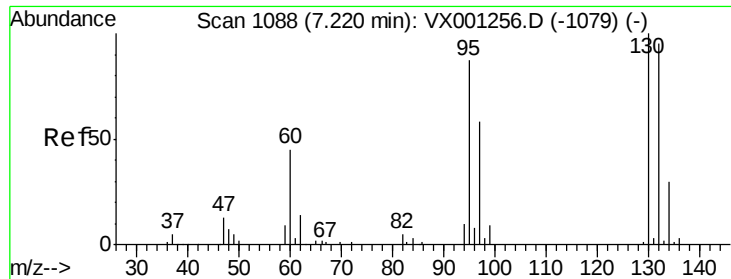
Tgt Ion:	41	Resp:	32277
Ion	Ratio	Lower	Upper
41	100		
39	54.5	29.8	89.3
67	65.1	28.7	86.3
52	29.7	14.0	41.9



#36
1,2-Dichloroethane
Concen: 19.79 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion:	62	Resp:	59246
Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.9	10.3

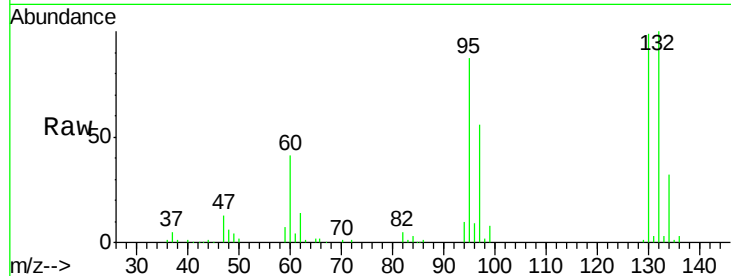




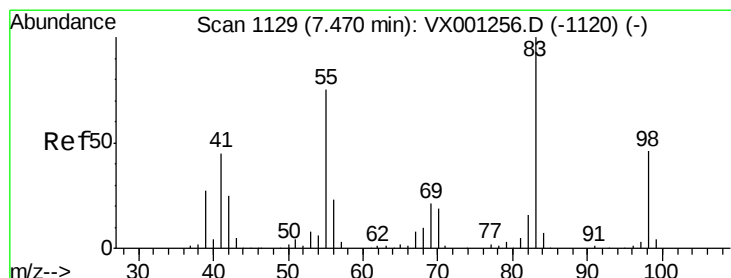
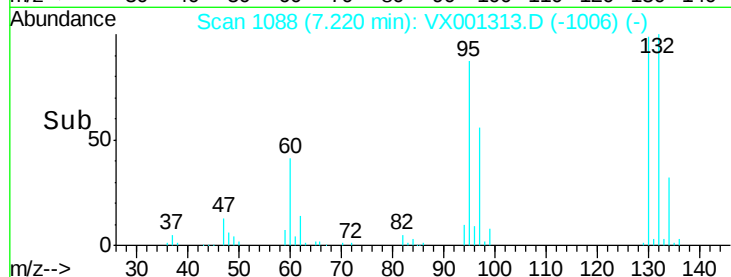
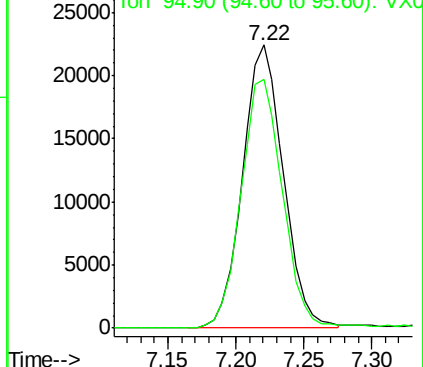
#37
 Trichloroethene
 Concen: 19.95 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

Tgt Ion: 130 Resp: 47186
 Ion Ratio Lower Upper
 130 100
 95 87.9 74.6 112.0

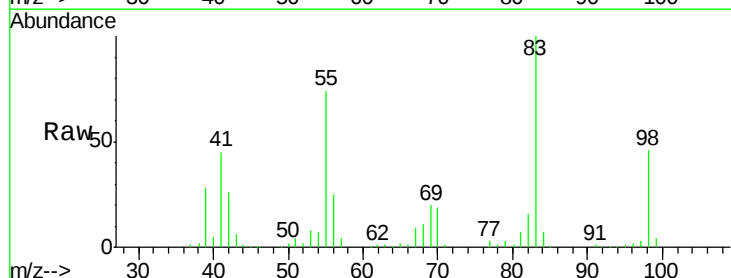


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

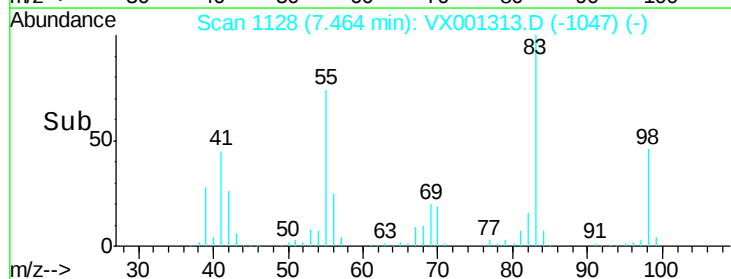
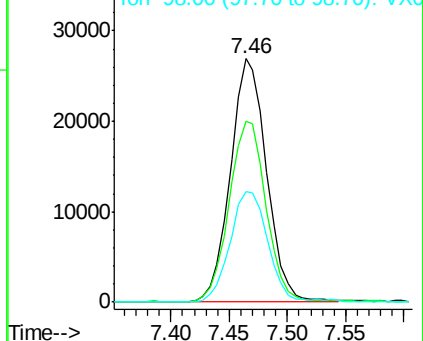


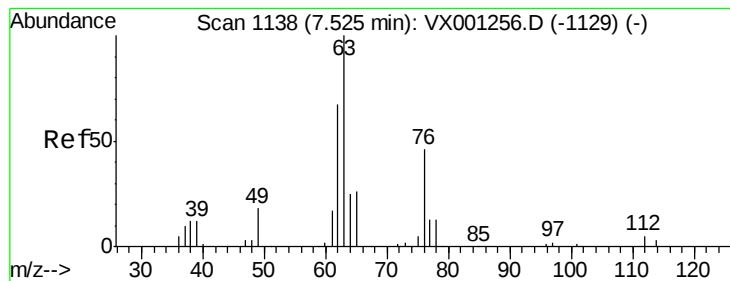
#38
 Methylcyclohexane
 Concen: 18.79 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 83 Resp: 58205
 Ion Ratio Lower Upper
 83 100
 55 75.6 35.9 107.7
 98 47.2 24.6 74.0



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: 19.64 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

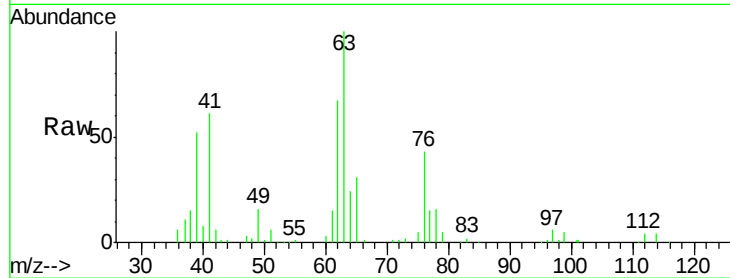
VX0502WBS03

Tgt Ion: 63 Resp: 38848

Ion Ratio Lower Upper

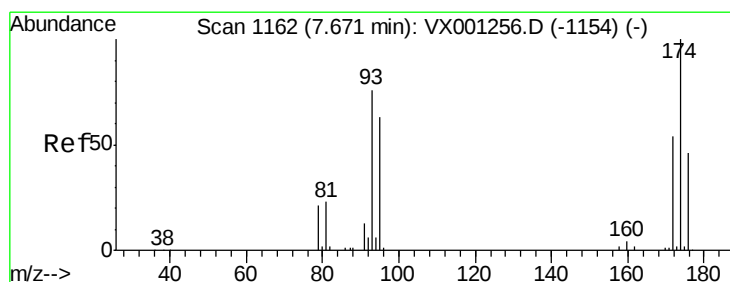
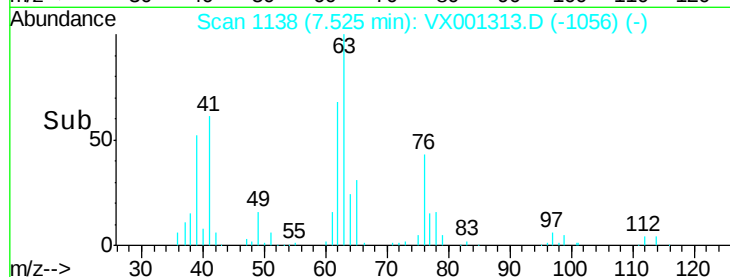
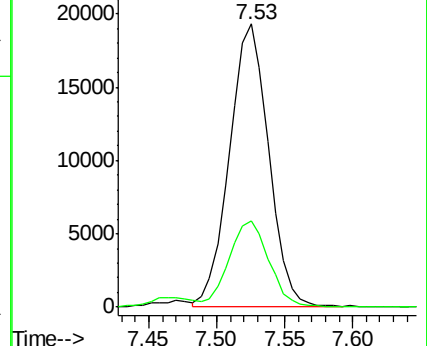
63 100

65 30.5 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.50 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

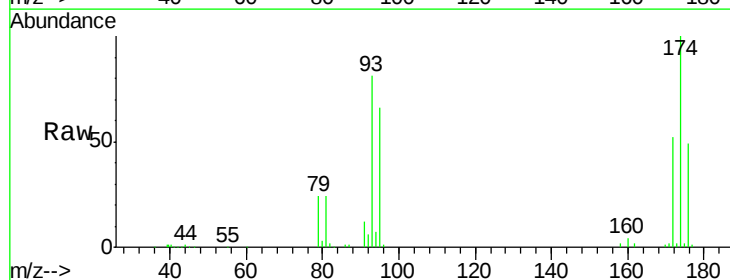
Tgt Ion: 93 Resp: 28531

Ion Ratio Lower Upper

93 100

95 83.5 0.0 170.6

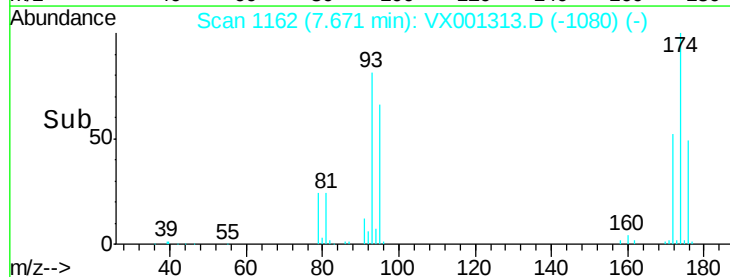
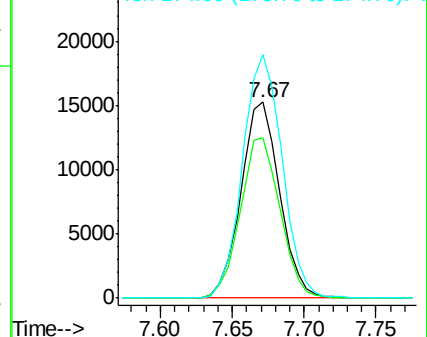
174 126.6 0.0 210.4

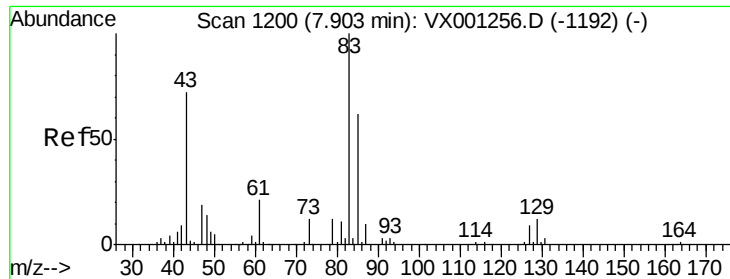


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.92 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

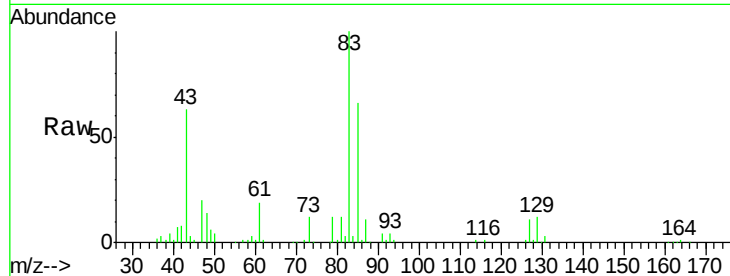
Tgt Ion: 83 Resp: 49731

Ion Ratio Lower Upper

83 100

85 66.3 50.0 75.0

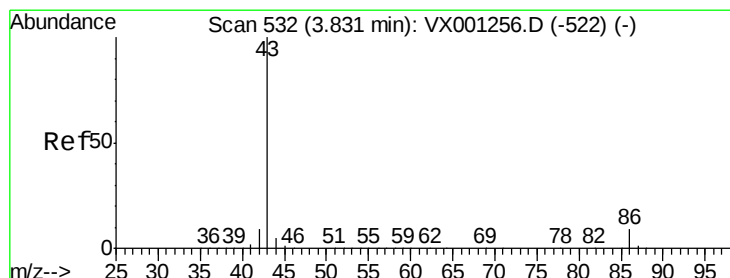
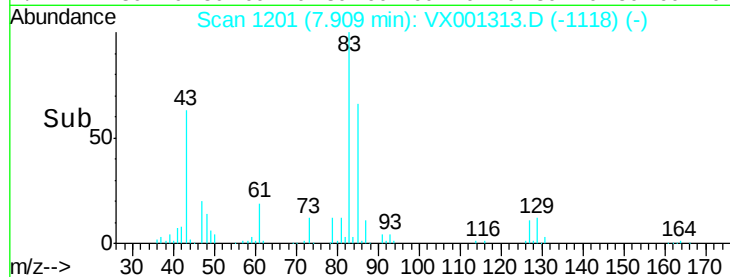
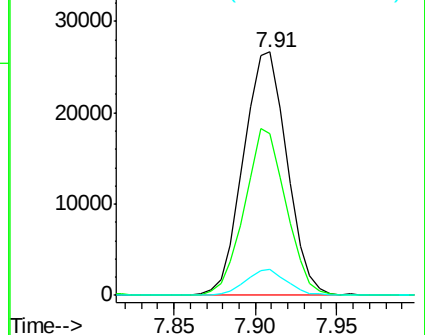
127 10.5 6.6 10.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 96.55 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001313.D

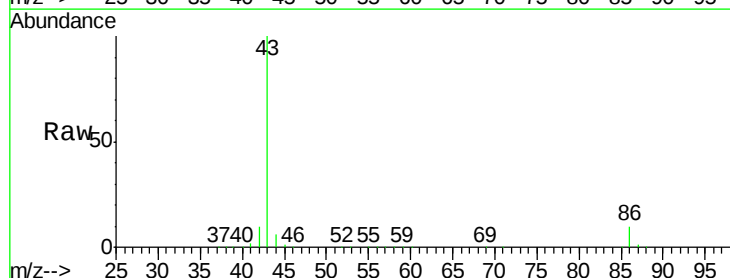
Acq: 02 May 2018 12:27

Tgt Ion: 43 Resp: 512256

Ion Ratio Lower Upper

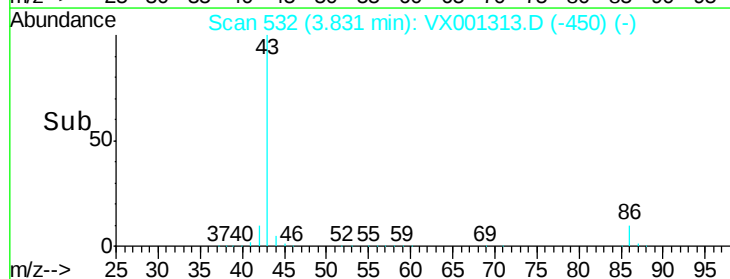
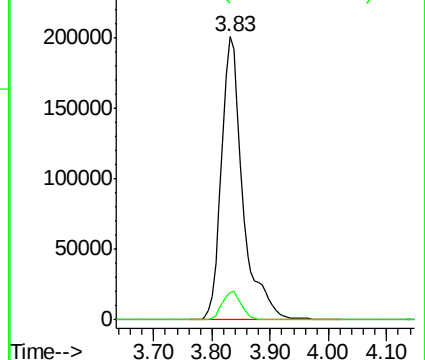
43 100

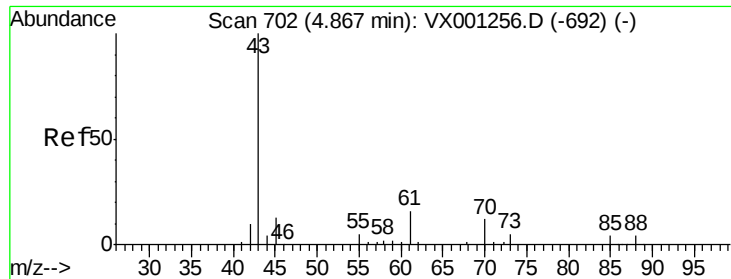
86 9.0 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

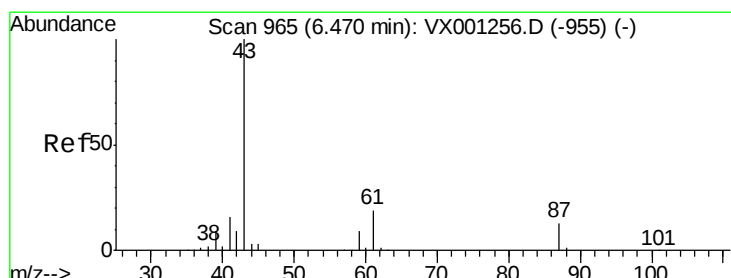
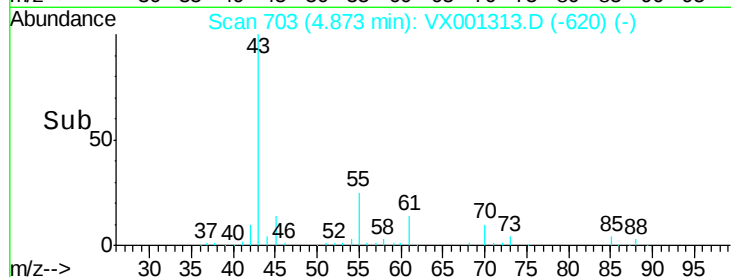
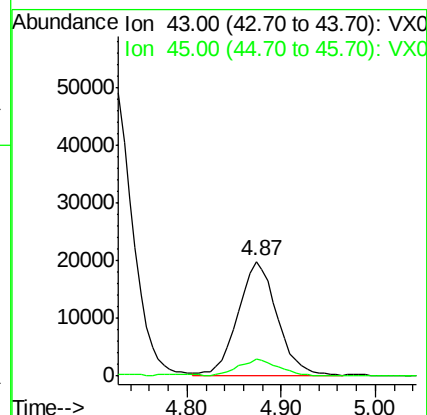
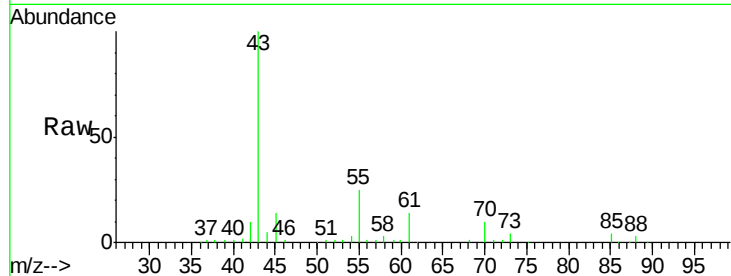




#43
Ethyl Acetate
Concen: 22.01 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

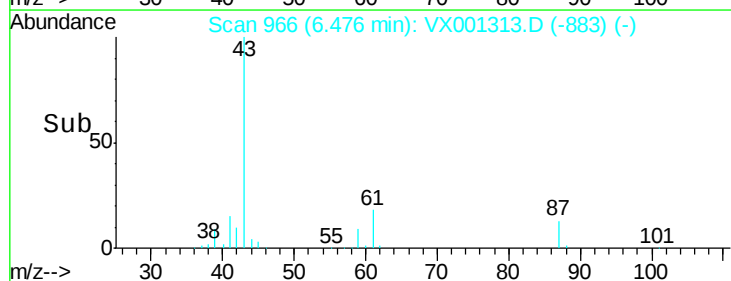
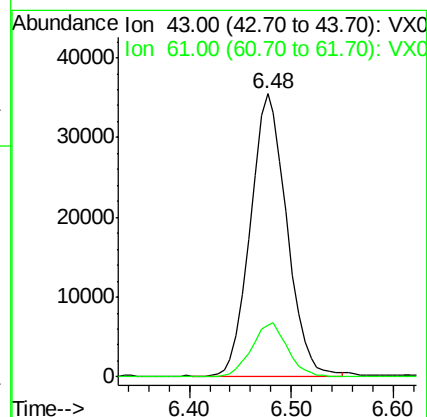
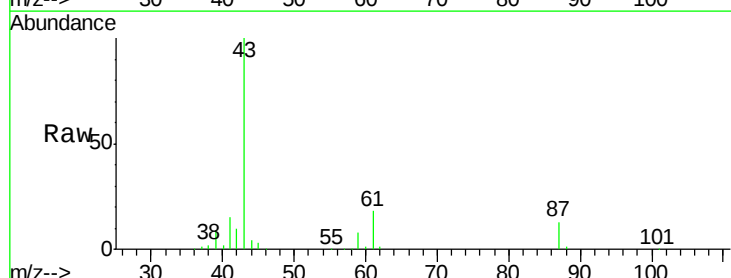
Instrument :
MSVOA_X
ClientSampled :
VX0502WBS03

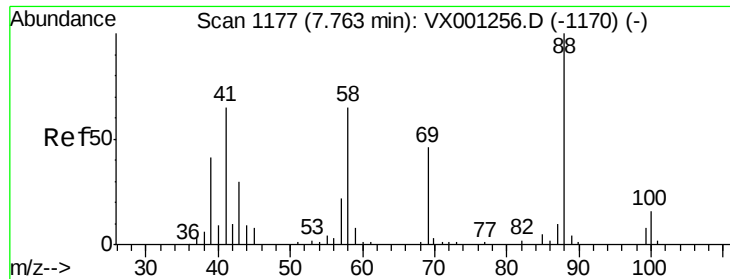
Tgt Ion: 43 Resp: 57185
Ion Ratio Lower Upper
43 100
45 15.5 11.4 17.0



#44
Isopropyl Acetate
Concen: 19.93 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 43 Resp: 88078
Ion Ratio Lower Upper
43 100
61 18.9 15.7 23.5

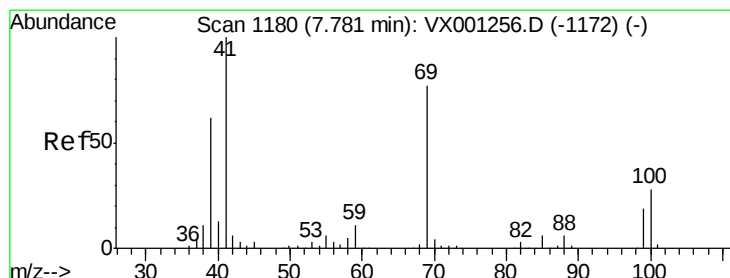
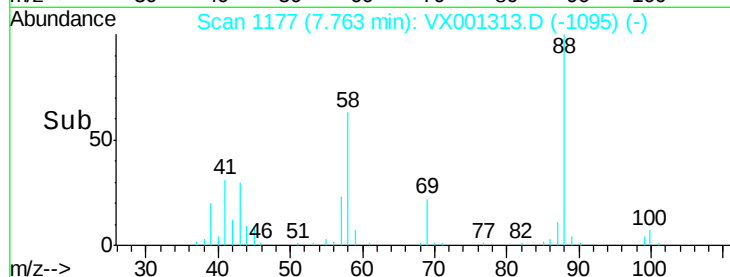
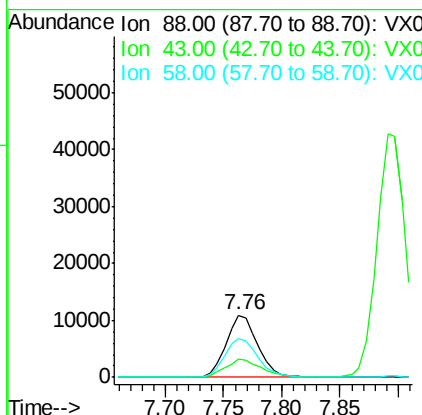
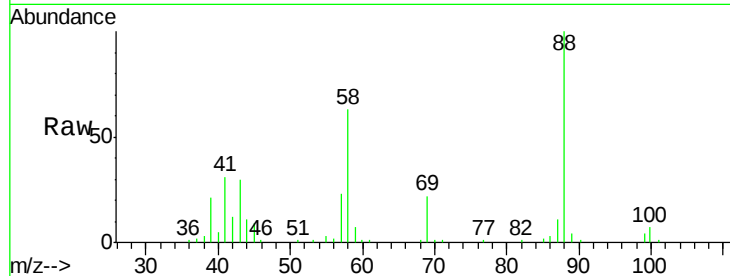




#45
 1,4-Dioxane
 Concen: 511.69 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

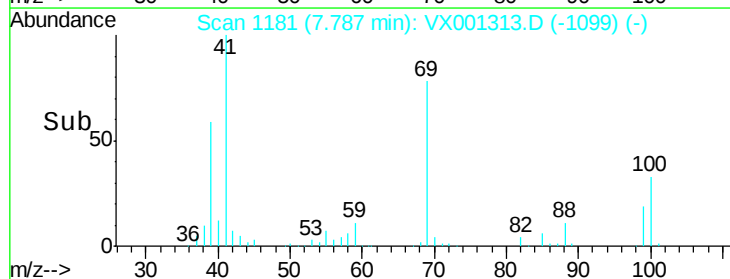
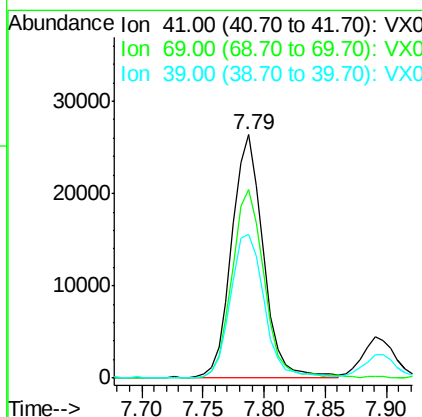
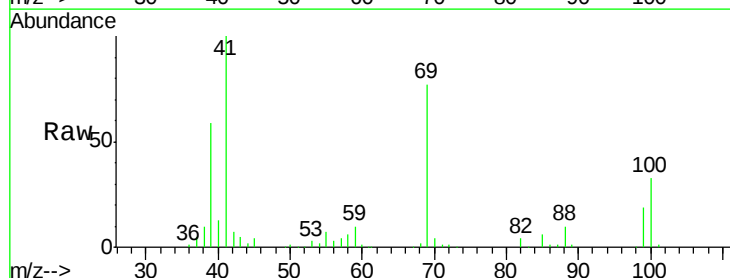
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

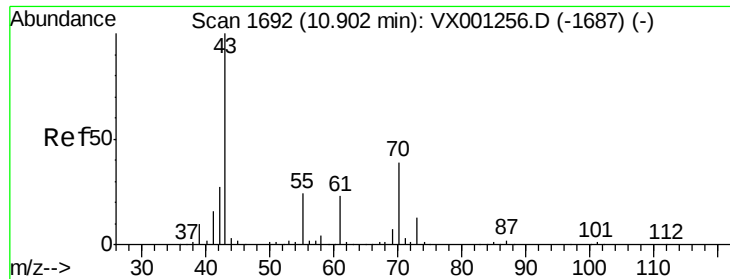
Tgt Ion: 88 Resp: 20557
 Ion Ratio Lower Upper
 88 100
 43 32.4 26.8 40.2
 58 65.5 52.1 78.1



#46
 Methyl methacrylate
 Concen: 20.54 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 41 Resp: 47230
 Ion Ratio Lower Upper
 41 100
 69 77.5 45.5 136.5
 39 58.9 32.5 97.5





#47

n-amyl Acetate

Concen: 19.04 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

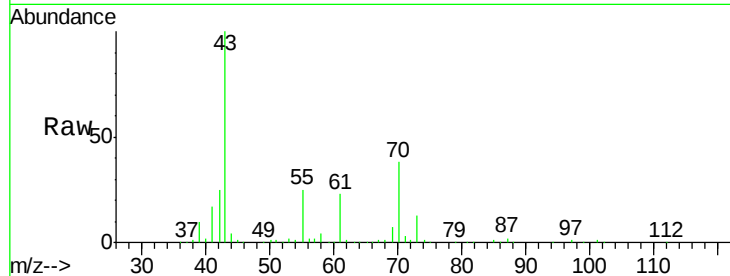
VX0502WBS03

Tgt Ion: 43 Resp: 80741

Ion Ratio Lower Upper

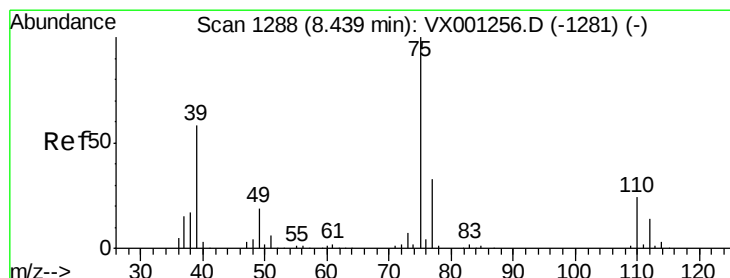
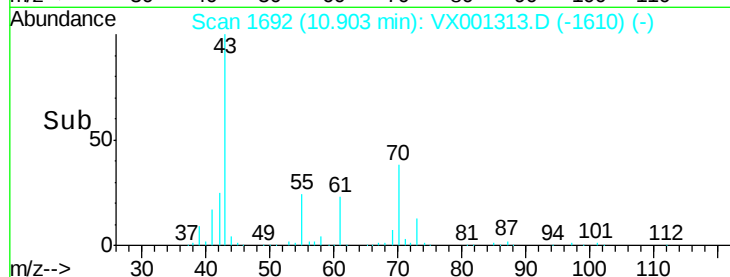
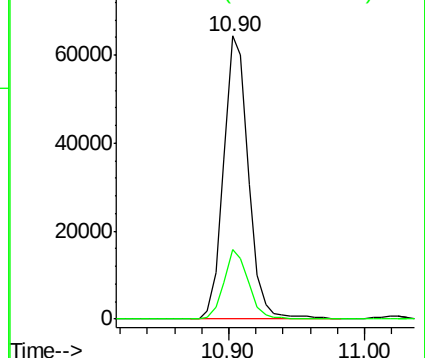
43 100

55 24.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.79 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001313.D

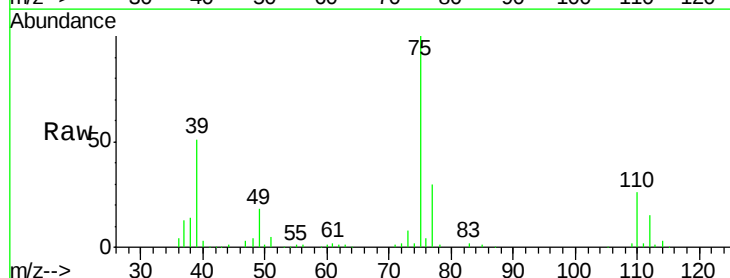
Acq: 02 May 2018 12:27

Tgt Ion: 75 Resp: 58157

Ion Ratio Lower Upper

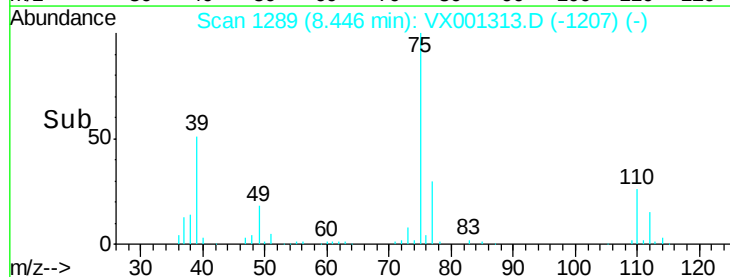
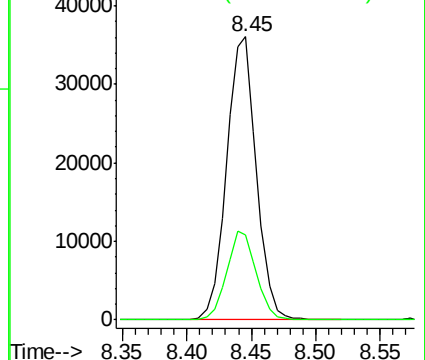
75 100

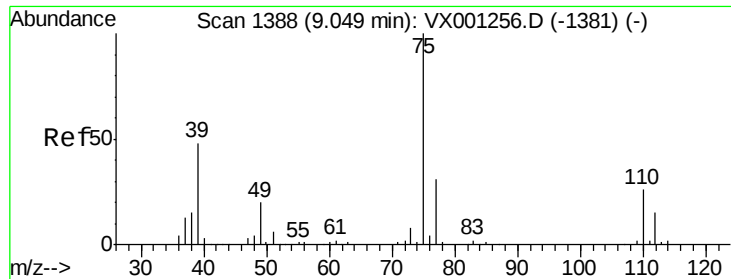
77 29.9 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

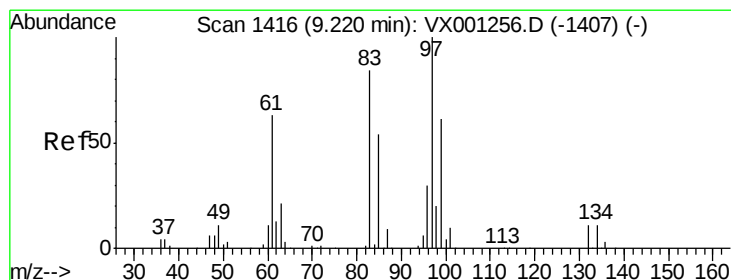
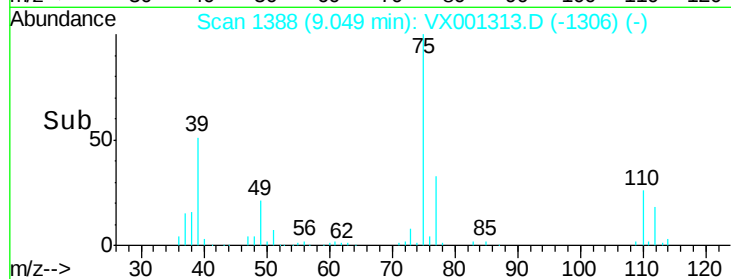
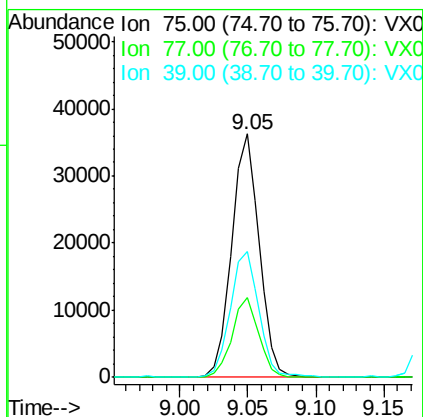
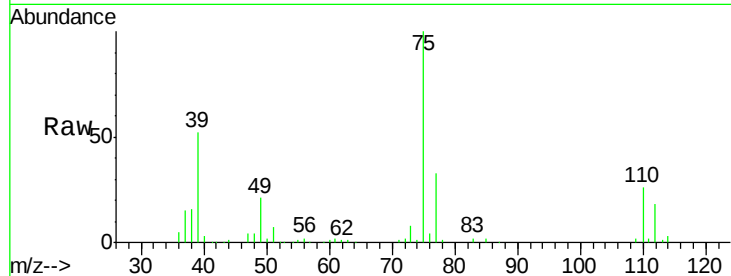




#49
 cis-1,3-Dichloropropene
 Concen: 17.21 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

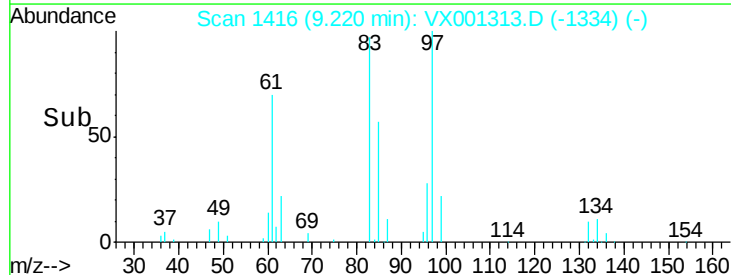
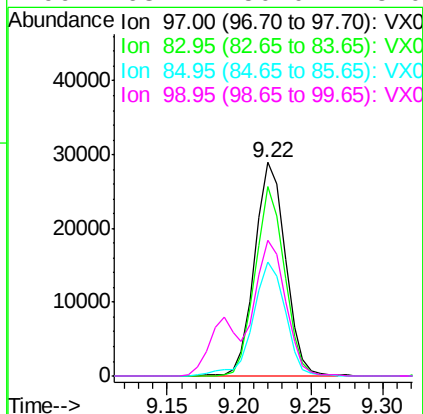
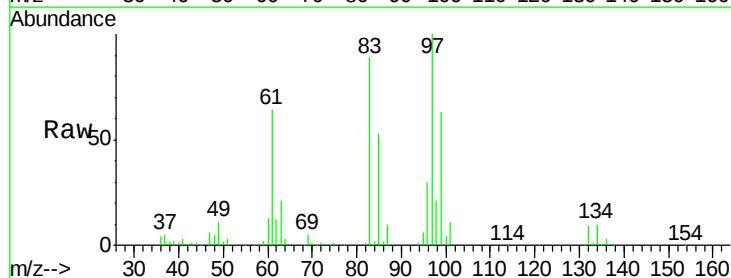
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

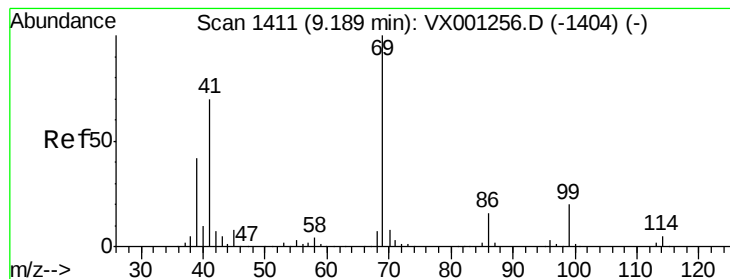
Tgt Ion: 75 Resp: 51010
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.5 36.7
 39 51.4 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 20.78 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 97 Resp: 42948
 Ion Ratio Lower Upper
 97 100
 83 88.5 66.9 100.3
 85 53.3 44.4 66.6
 99 63.1 50.0 75.0





#51

Ethyl methacrylate

Concen: 19.57 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS03

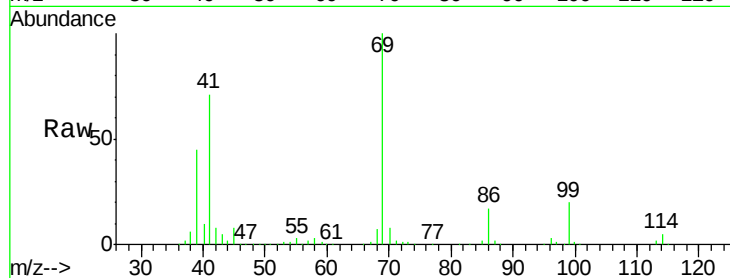
Tgt Ion: 69 Resp: 57627

Ion Ratio Lower Upper

69 100

41 70.9 32.1 96.3

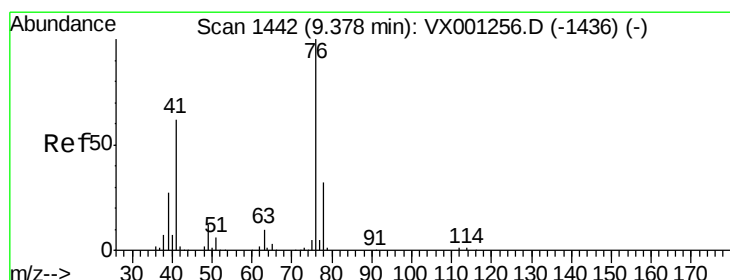
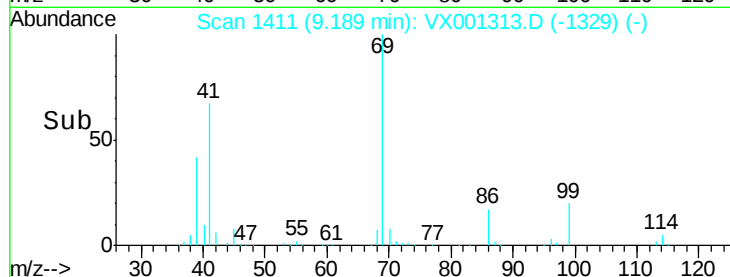
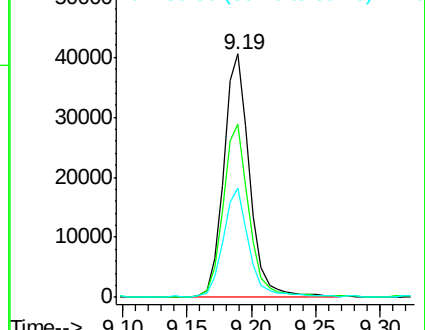
39 44.7 19.6 58.7



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: 20.43 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001313.D

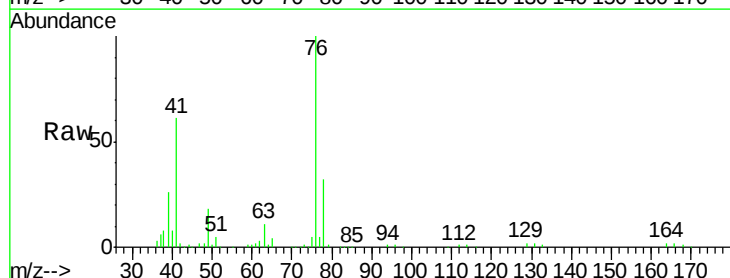
Acq: 02 May 2018 12:27

Tgt Ion: 76 Resp: 68254

Ion Ratio Lower Upper

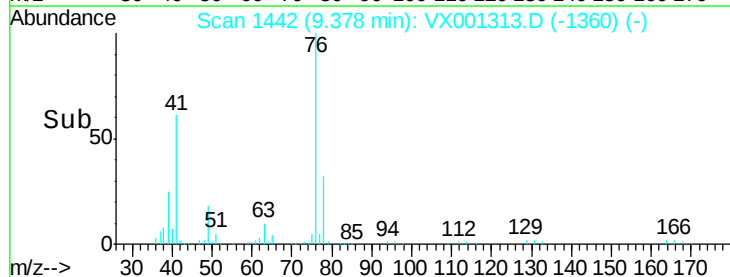
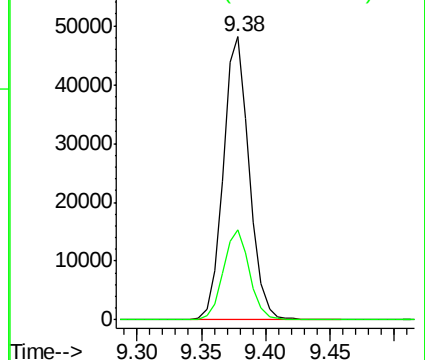
76 100

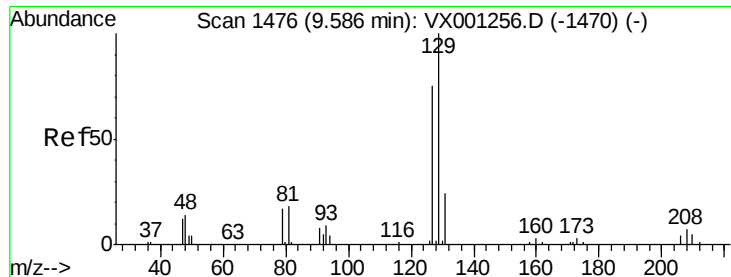
78 32.0 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

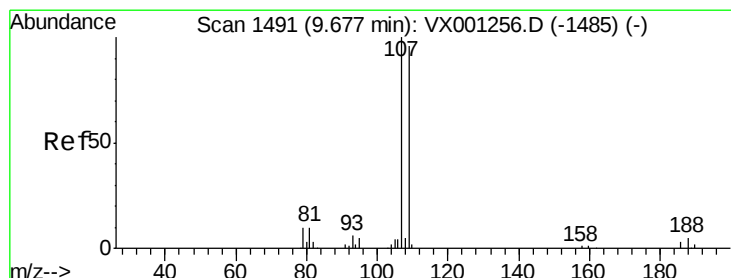
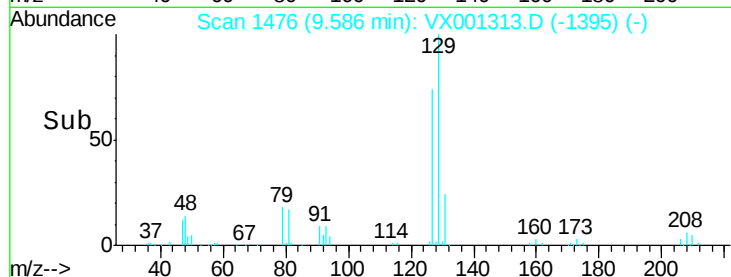
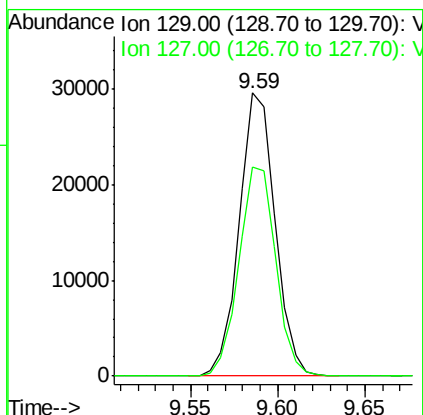
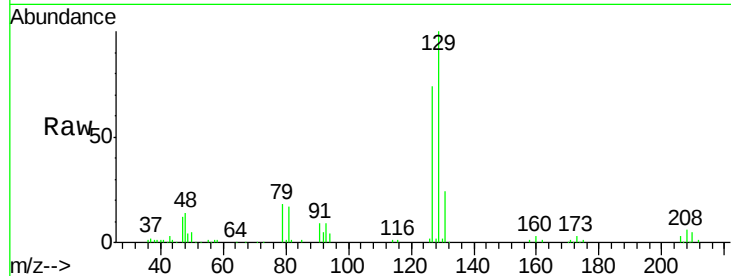




#53
 Dibromochloromethane
 Concen: 18.50 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

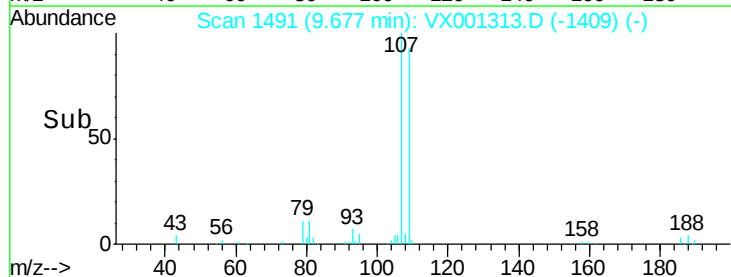
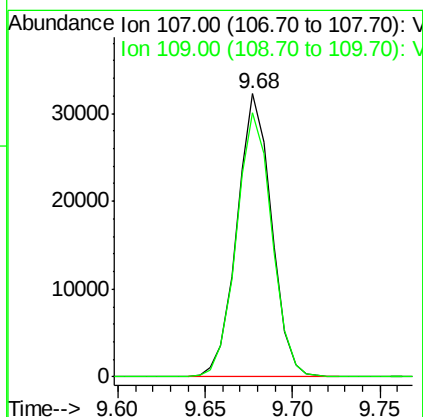
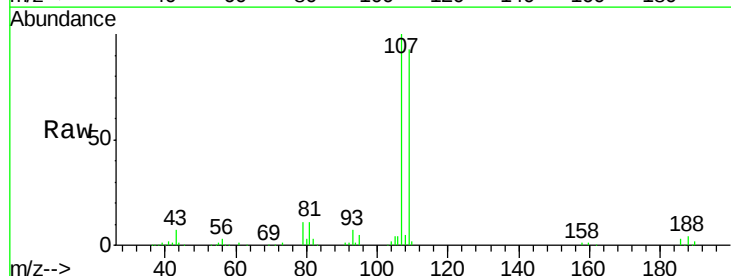
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

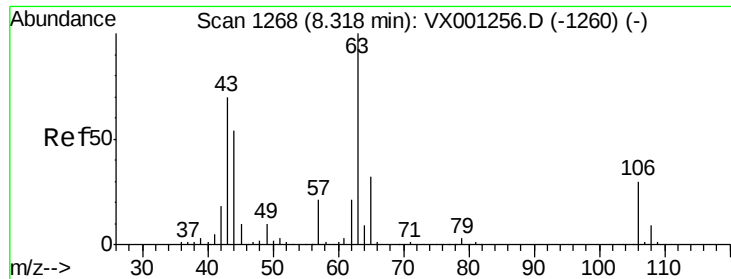
Tgt Ion:129 Resp: 42191
 Ion Ratio Lower Upper
 129 100
 127 76.0 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 19.98 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion:107 Resp: 44204
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.5 111.7

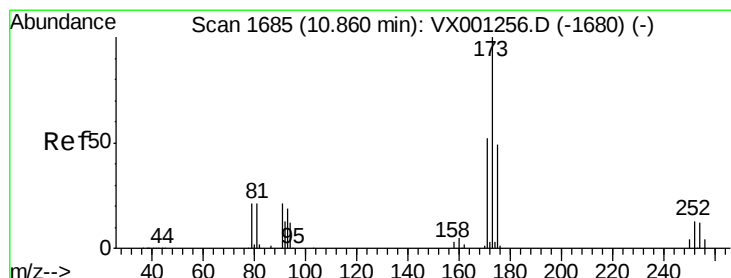
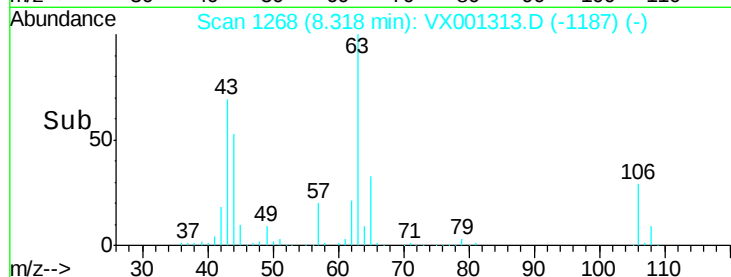
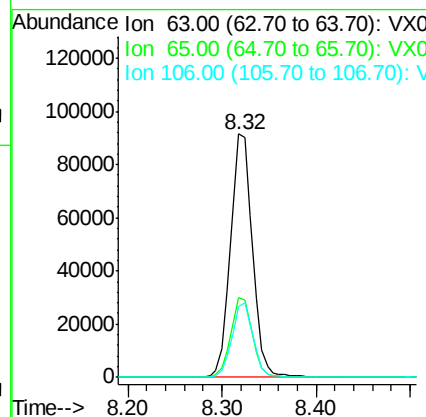
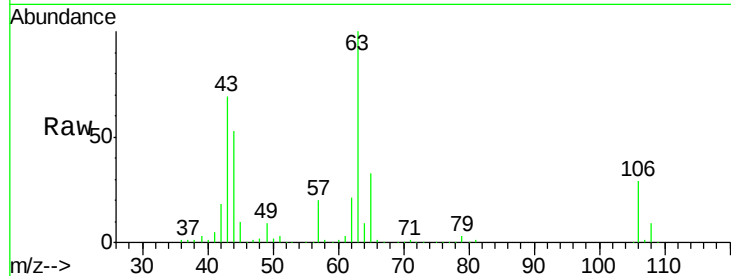




#55
 2-Chloroethyl vinyl ether
 Concen: 102.96 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

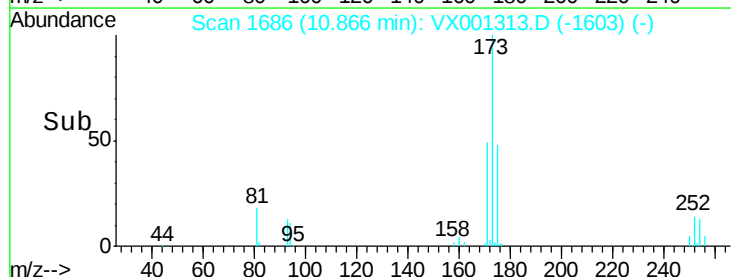
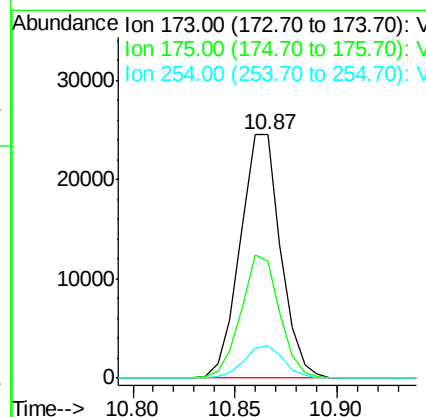
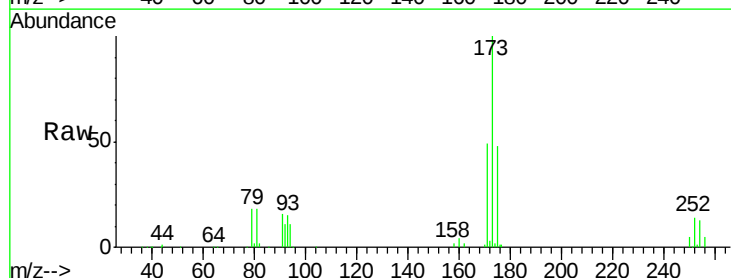
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

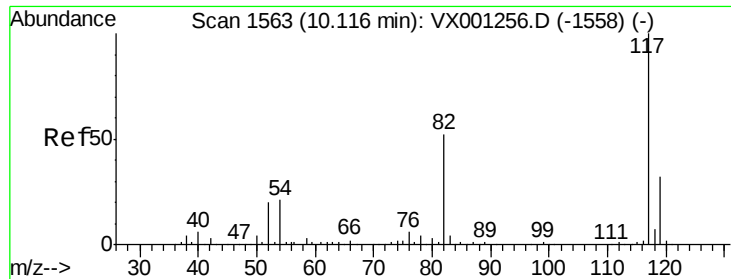
Tgt Ion: 63 Resp: 148524
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.8 38.8
 106 29.7 23.8 35.6



#56
 Bromoform
 Concen: 18.08 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 173 Resp: 33747
 Ion Ratio Lower Upper
 173 100
 175 48.4 39.0 58.4
 254 13.1 7.0 10.4#

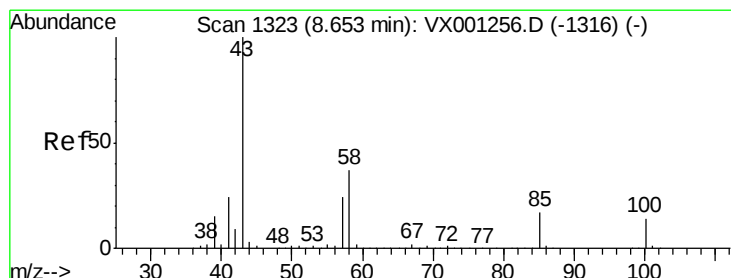
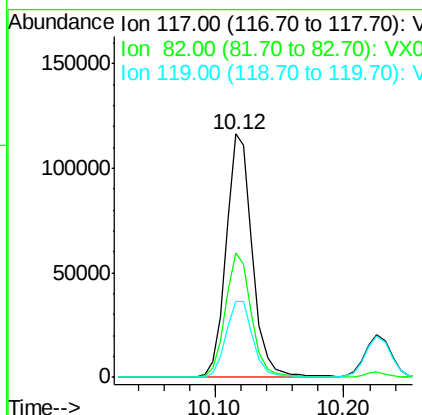
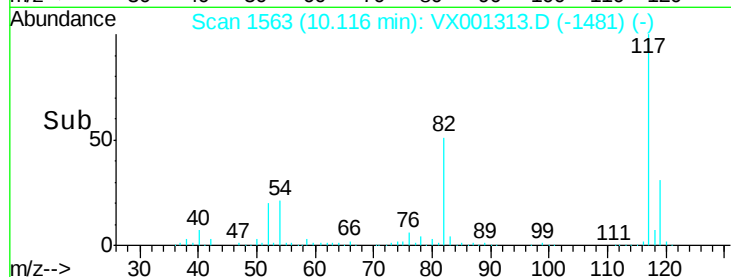
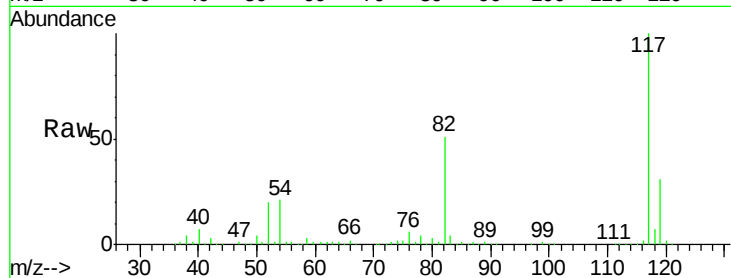




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

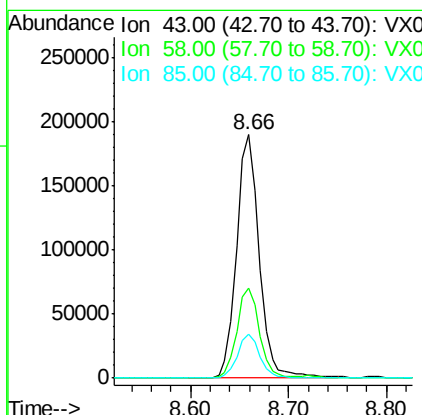
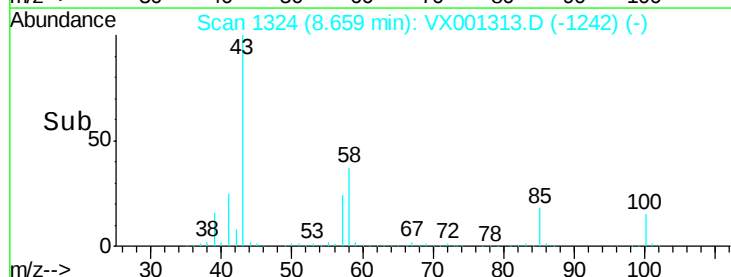
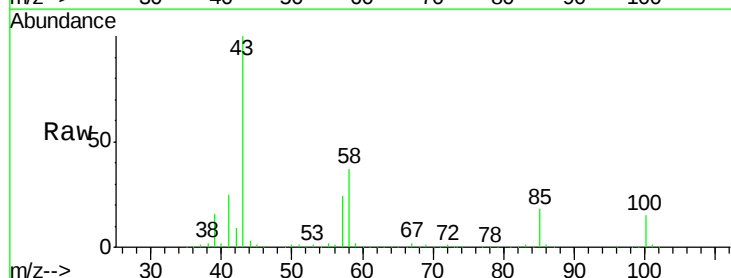
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

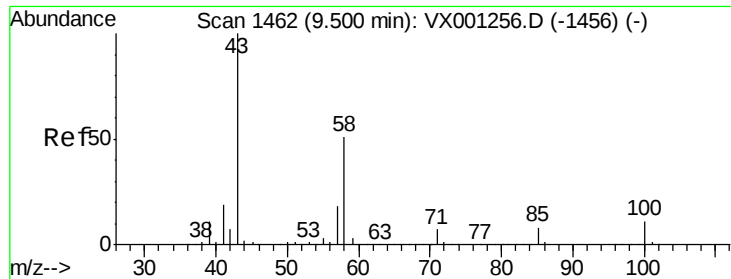
Tgt Ion: 117 Resp: 166088
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 110.84 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 43 Resp: 305536
Ion Ratio Lower Upper
43 100
58 36.8 29.8 44.8
85 17.8 14.9 22.3

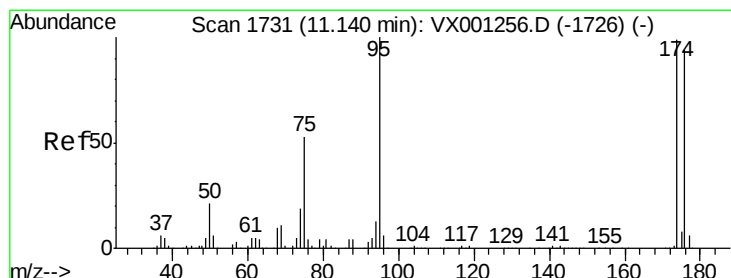
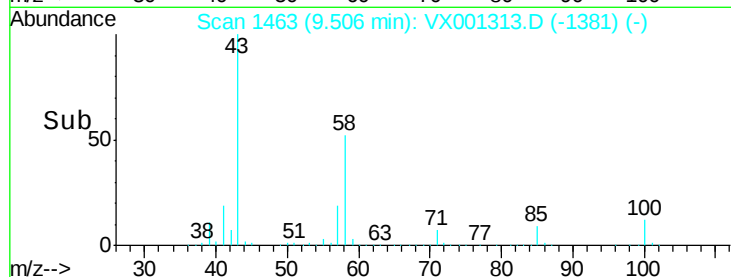
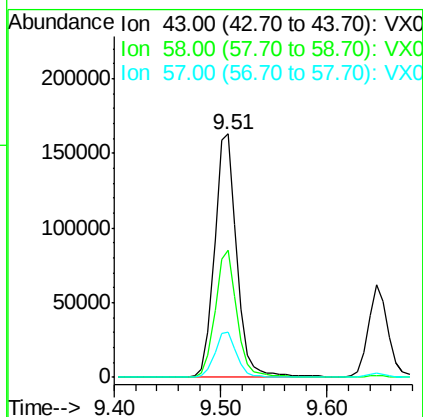
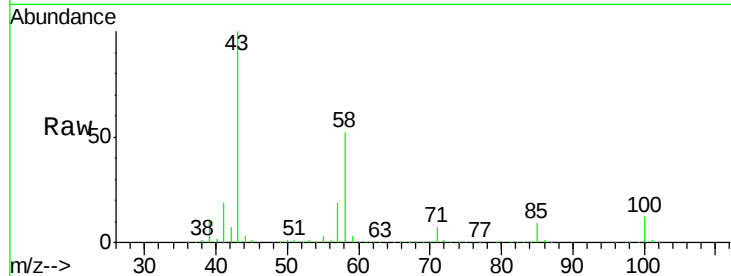




#59
2-Hexanone
Concen: 108.67 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

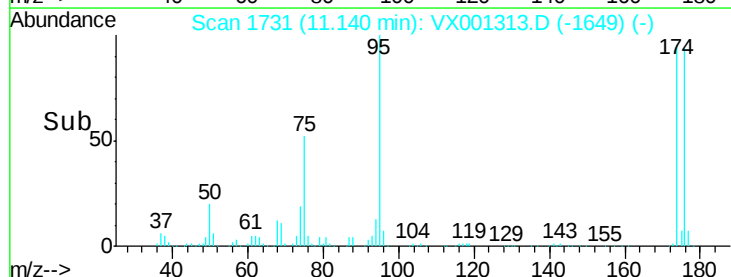
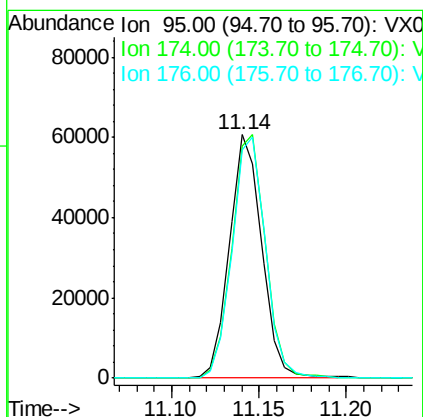
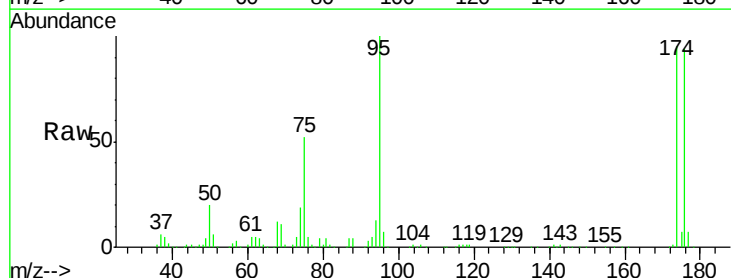
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

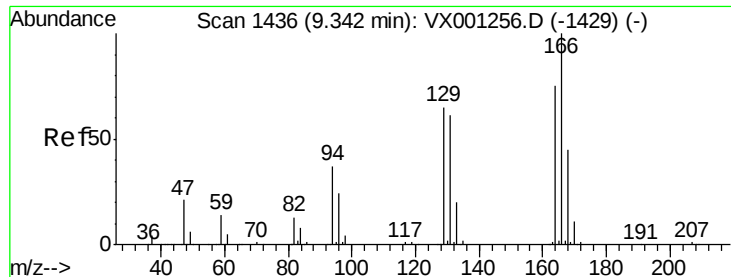
Tgt Ion: 43 Resp: 233396
Ion Ratio Lower Upper
43 100
58 51.3 43.0 64.6
57 18.2 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 95 Resp: 78005
Ion Ratio Lower Upper
95 100
174 103.8 71.1 106.7
176 102.0 69.3 103.9

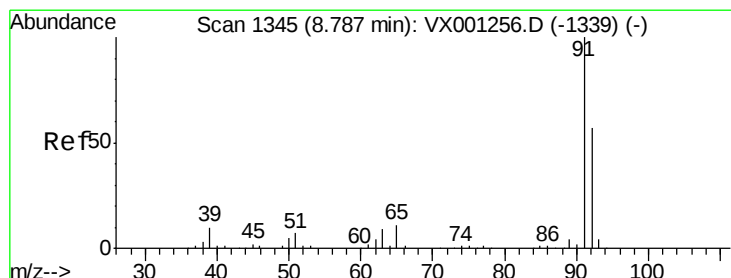
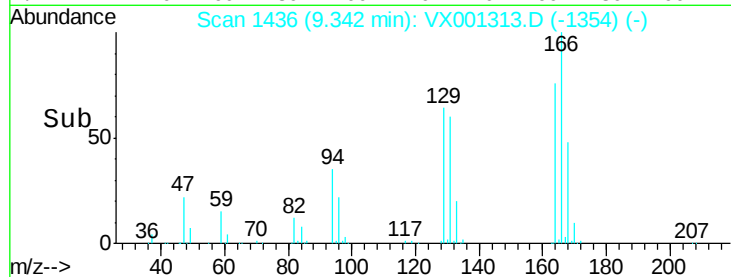
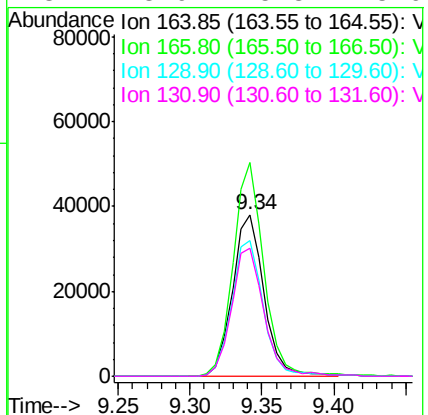
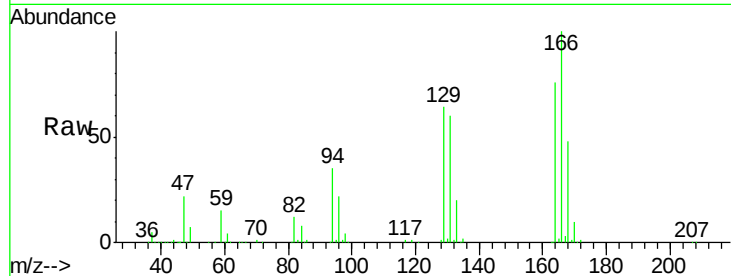




#61
Tetrachloroethene
Concen: 22.74 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

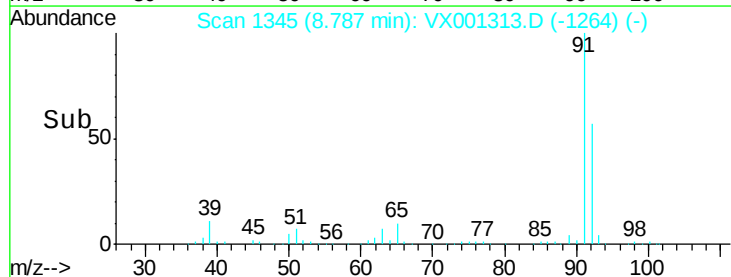
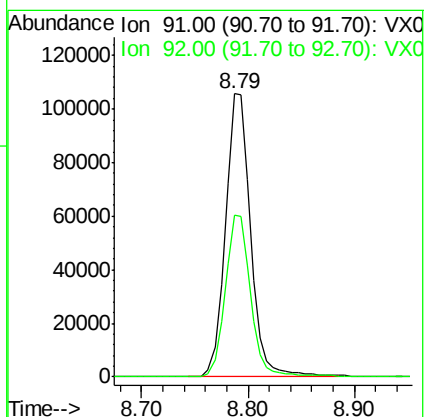
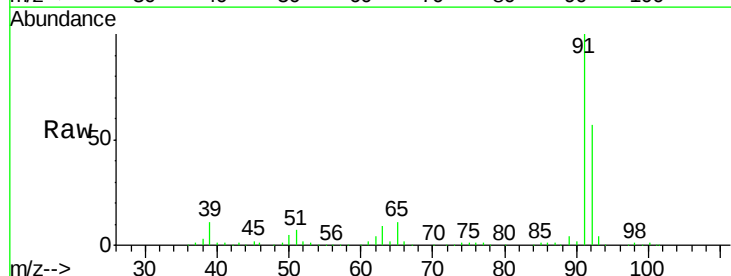
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

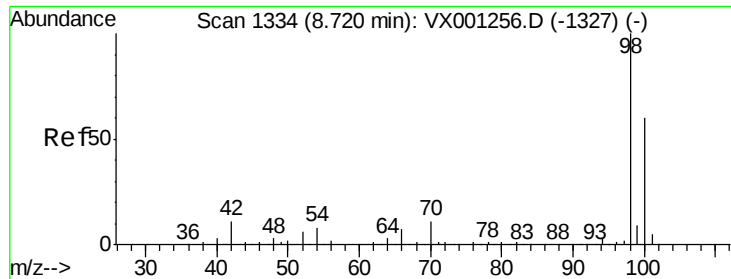
Tgt Ion:164 Resp: 57884
Ion Ratio Lower Upper
164 100
166 131.9 99.0 148.4
129 83.9 77.0 115.6
131 78.9 75.8 113.6



#62
Toluene
Concen: 19.59 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 91 Resp: 174872
Ion Ratio Lower Upper
91 100
92 57.4 45.4 68.0





#63

Toluene-d8

Concen: 30.20 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

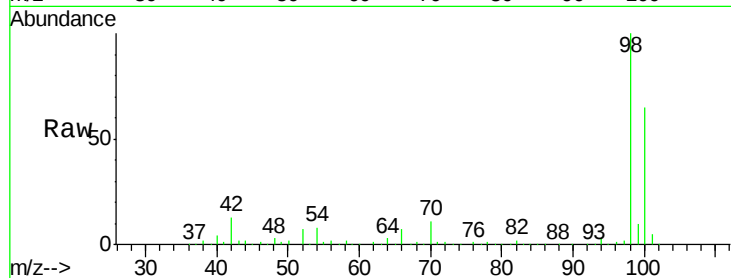
VX0502WBS03

Tgt Ion: 98 Resp: 215086

Ion Ratio Lower Upper

98 100

100 63.6 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX001256.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001256.D (-1327) (-)

8.72

150000

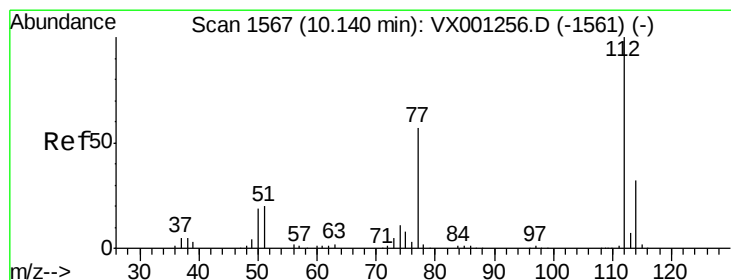
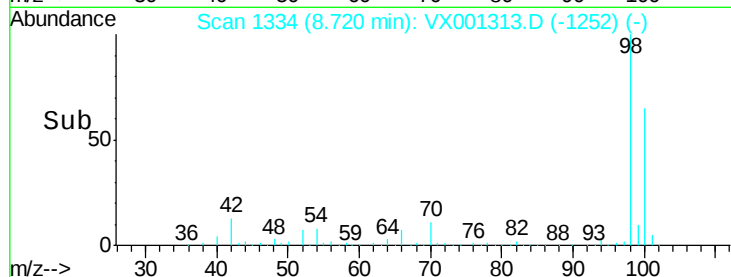
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#64

Chlorobenzene

Concen: 19.47 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001313.D

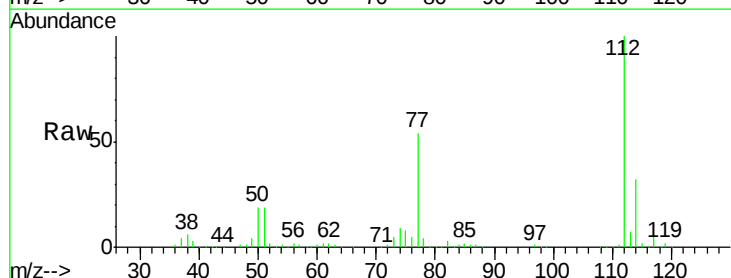
Acq: 02 May 2018 12:27

Tgt Ion: 112 Resp: 117258

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): VX001256.D (-1561) (-)

Ion 114.00 (113.70 to 114.70): VX001256.D (-1561) (-)

10.15

80000

60000

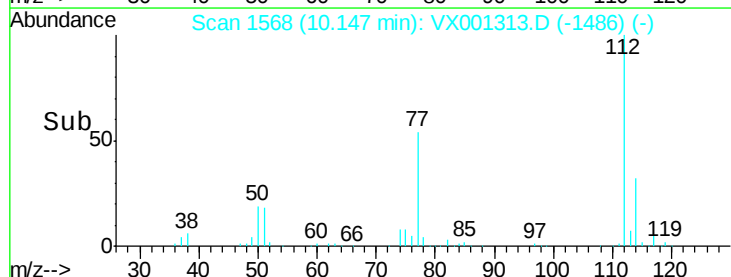
40000

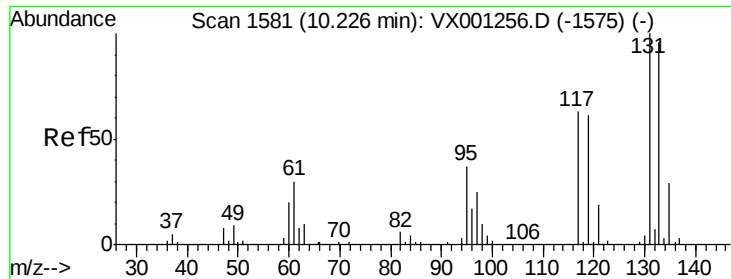
20000

0

10.10 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.10 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

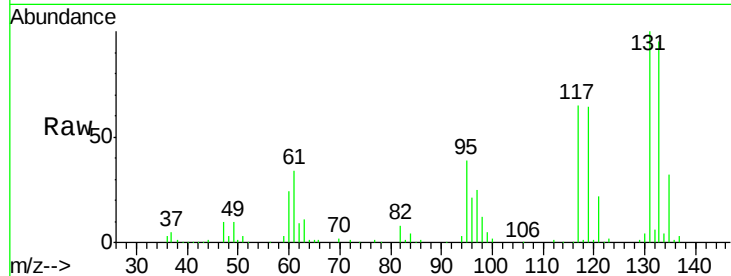
Tgt Ion:131 Resp: 41997

Ion Ratio Lower Upper

131 100

133 97.9 0.0 187.6

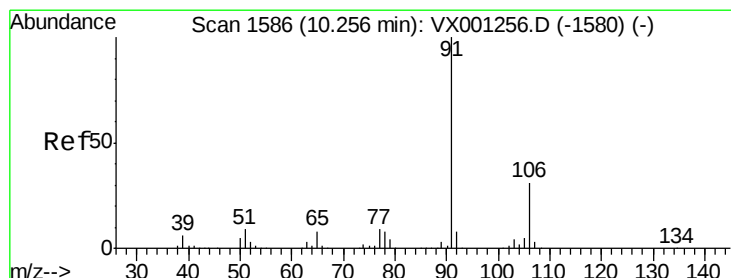
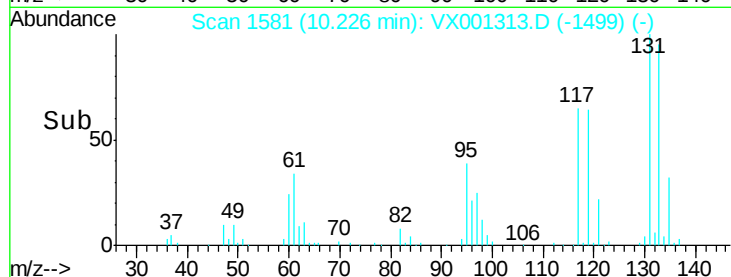
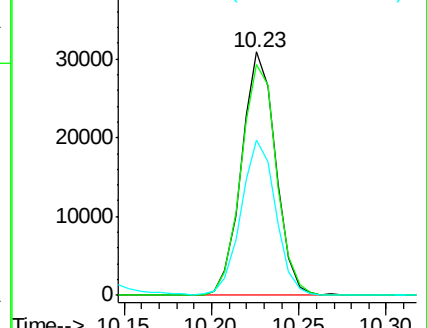
119 64.8 0.0 134.0



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: 19.11 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001313.D

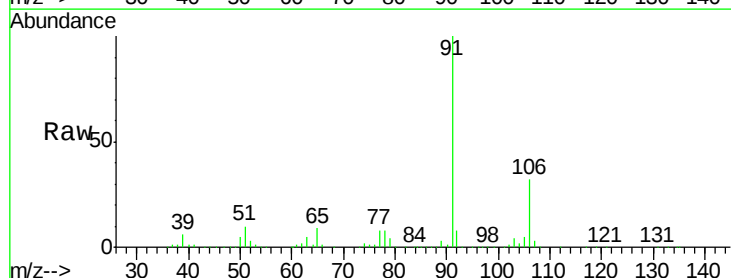
Acq: 02 May 2018 12:27

Tgt Ion: 91 Resp: 190372

Ion Ratio Lower Upper

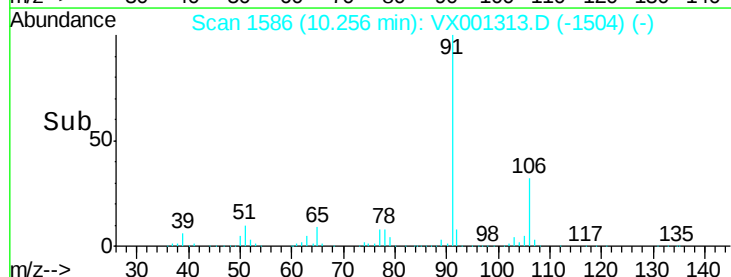
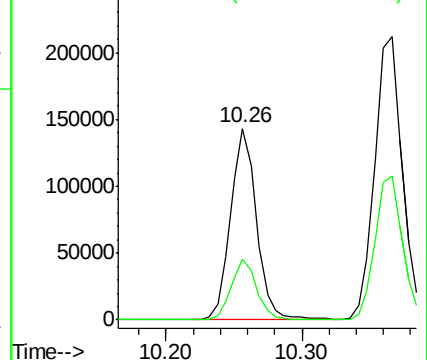
91 100

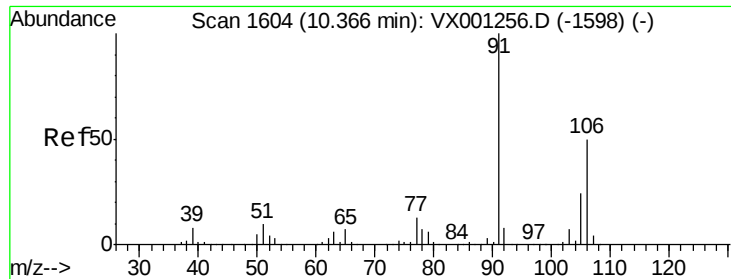
106 31.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 38.80 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

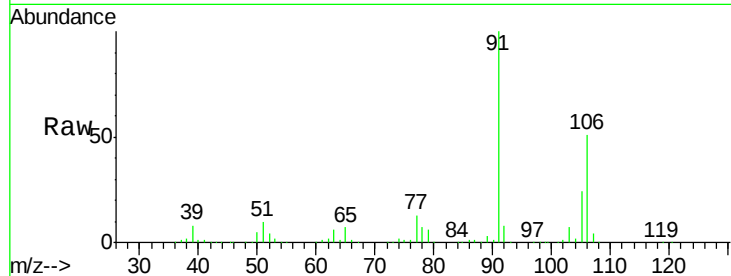
VX0502WBS03

Tgt Ion:106 Resp: 153548

Ion Ratio Lower Upper

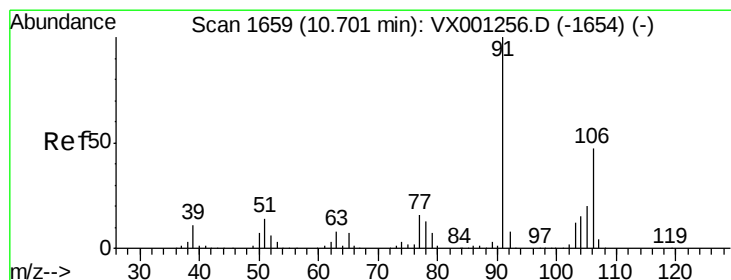
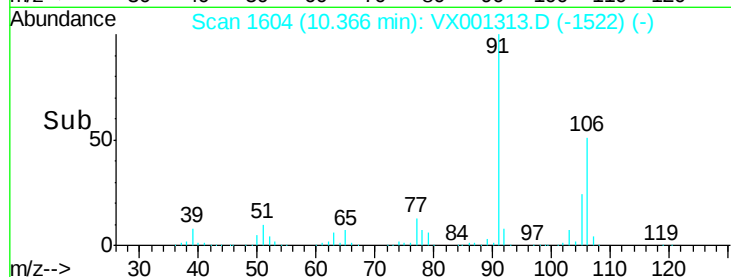
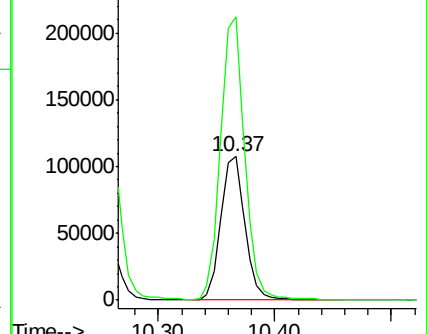
106 100

91 197.6 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.23 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX001313.D

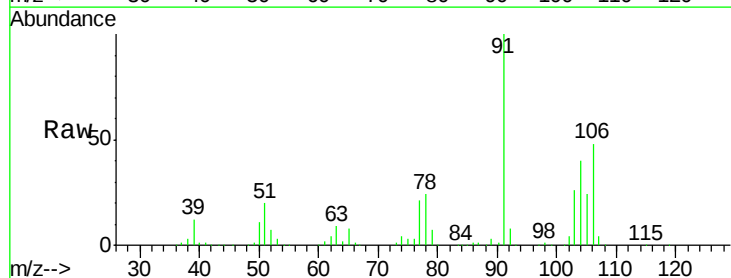
Acq: 02 May 2018 12:27

Tgt Ion:106 Resp: 73547

Ion Ratio Lower Upper

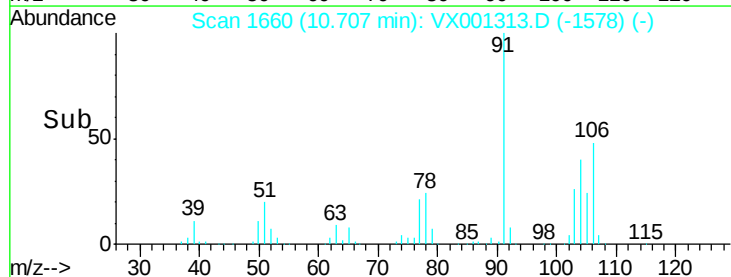
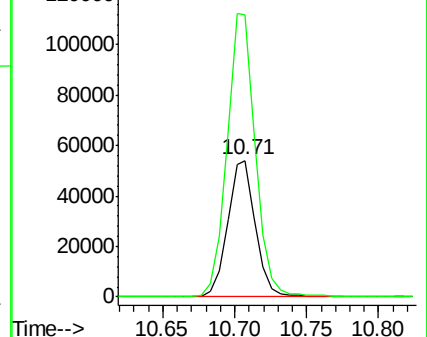
106 100

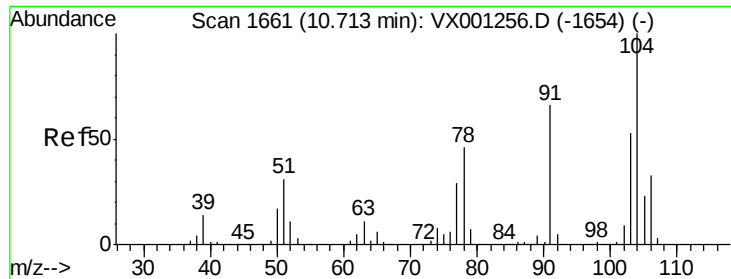
91 210.1 105.6 316.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

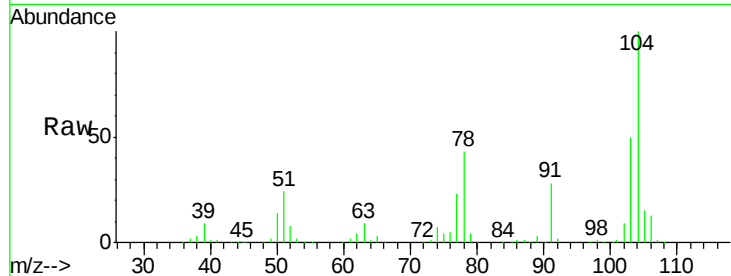




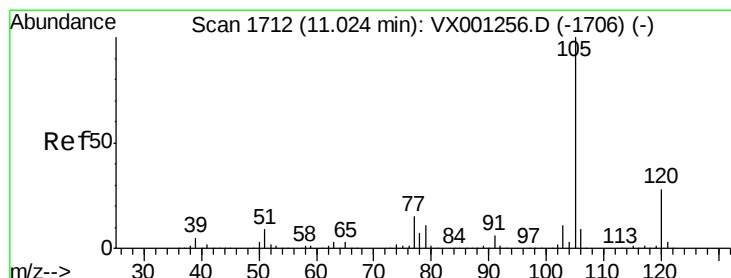
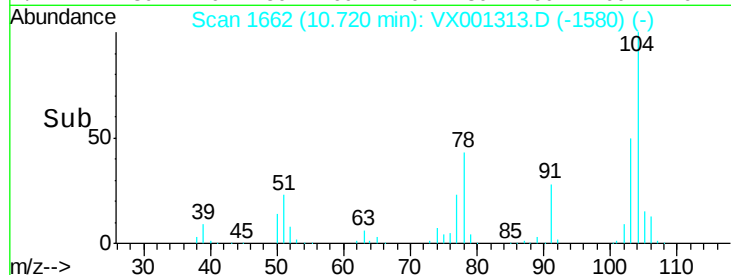
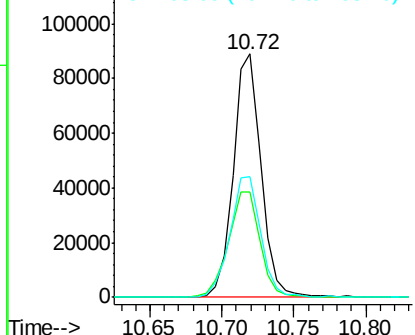
#69
Styrene
Concen: 18.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

Tgt Ion:104 Resp: 120299
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.4
103 55.2 44.7 67.1

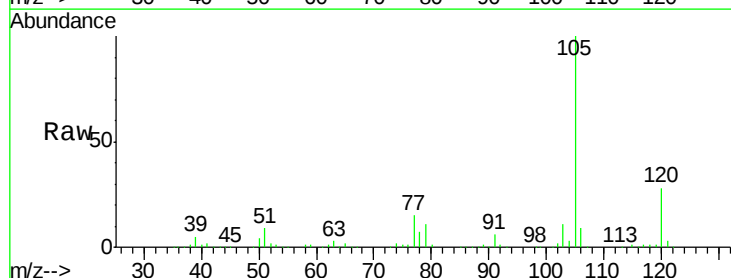


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

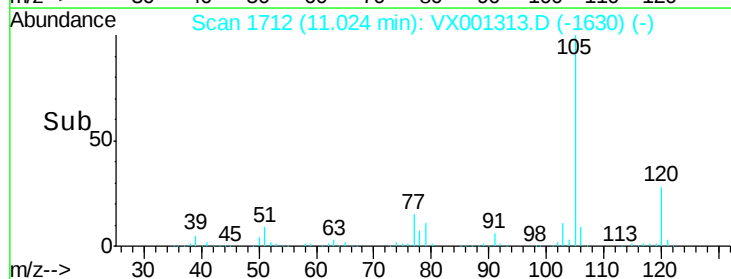
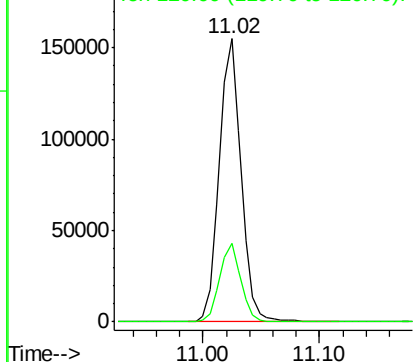


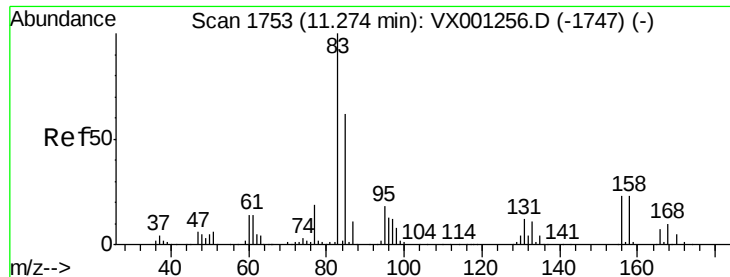
#70
Isopropylbenzene
Concen: 19.19 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion:105 Resp: 199331
Ion Ratio Lower Upper
105 100
120 27.2 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

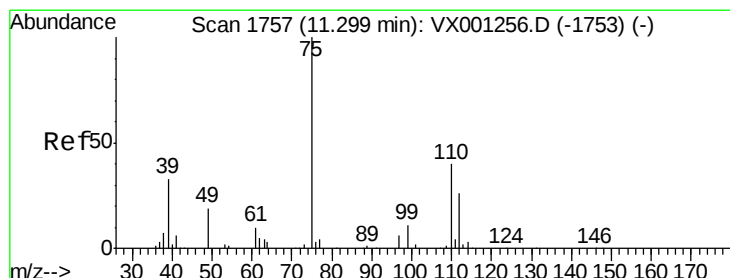
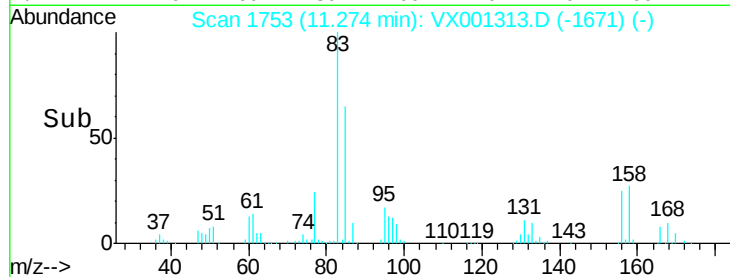
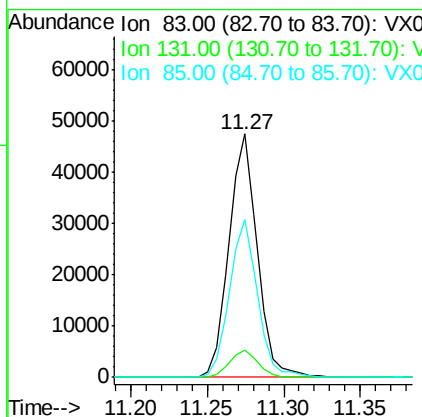
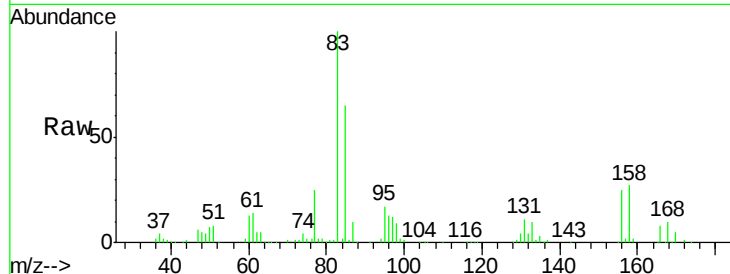




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.93 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

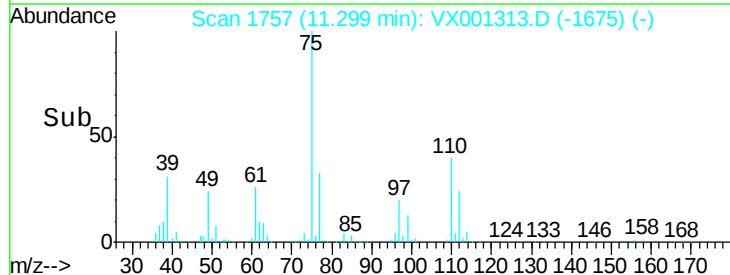
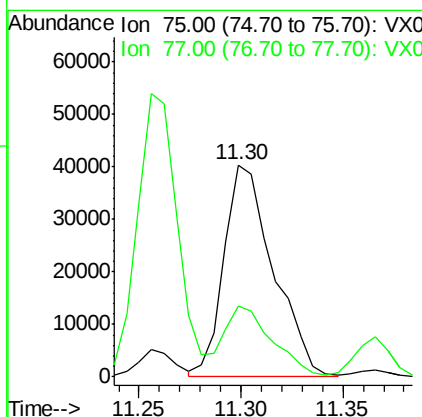
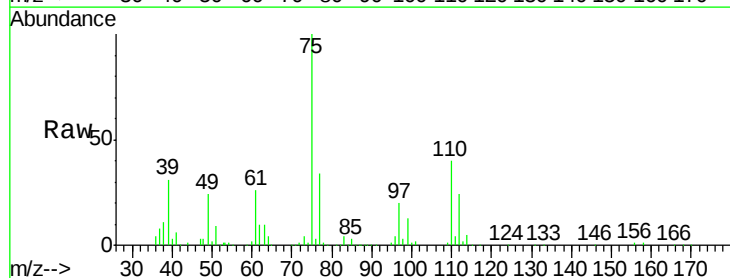
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

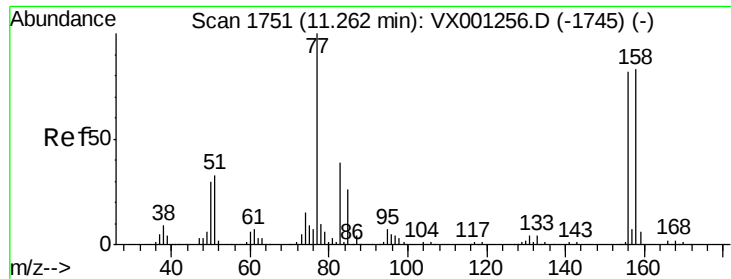
Tgt Ion: 83 Resp: 60731
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.3 16.1
 85 64.4 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 24.86 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 75 Resp: 67777
 Ion Ratio Lower Upper
 75 100
 77 33.7 0.0 85.8





#73

Bromobenzene

Concen: 19.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

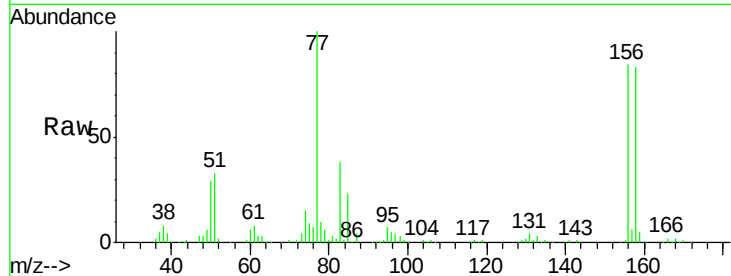
Tgt Ion:156 Resp: 58965

Ion Ratio Lower Upper

156 100

77 123.9 0.0 280.2

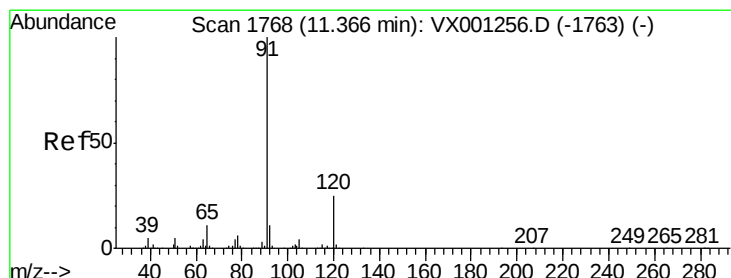
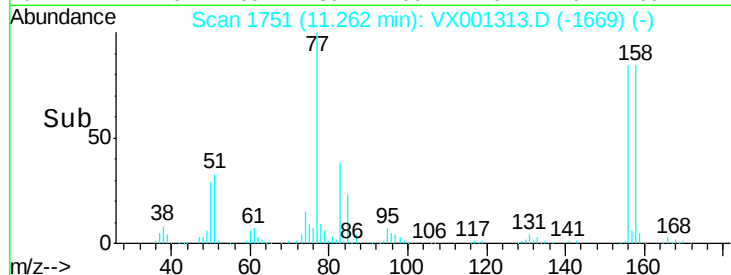
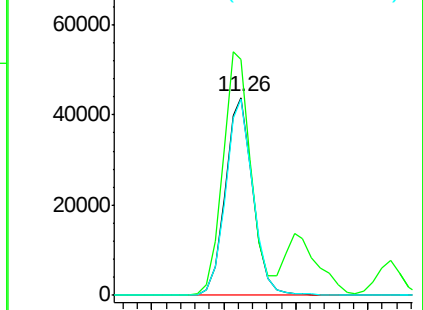
158 98.7 0.0 197.2



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: 18.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001313.D

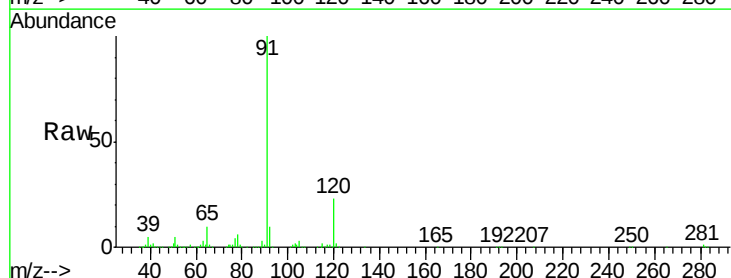
Acq: 02 May 2018 12:27

Tgt Ion: 91 Resp: 221681

Ion Ratio Lower Upper

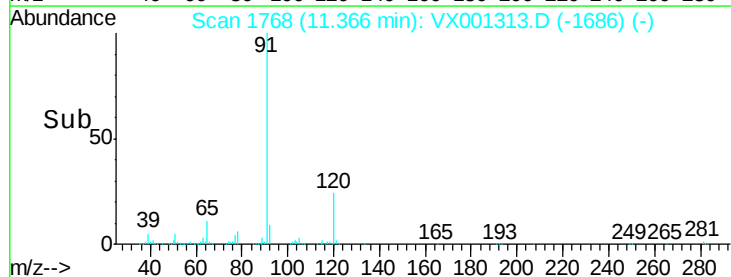
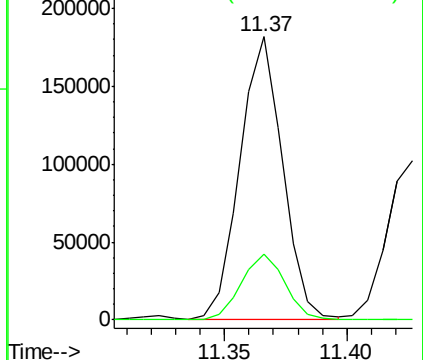
91 100

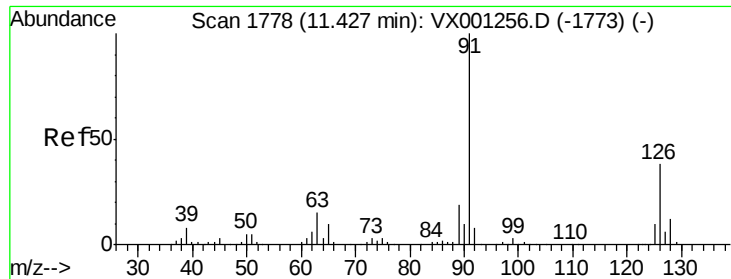
120 23.9 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

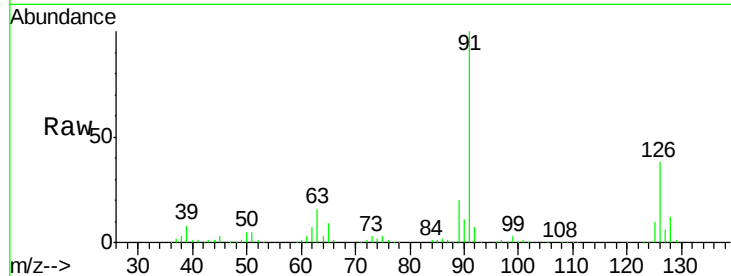
VX0502WBS03

Tgt Ion: 91 Resp: 134216

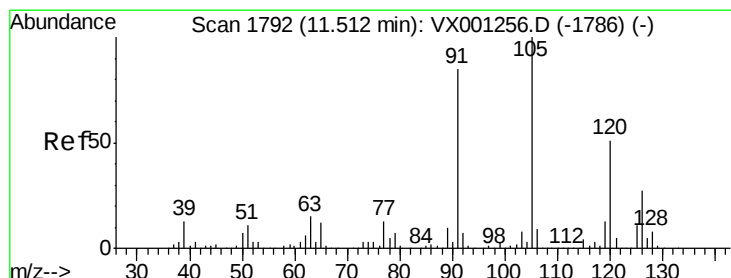
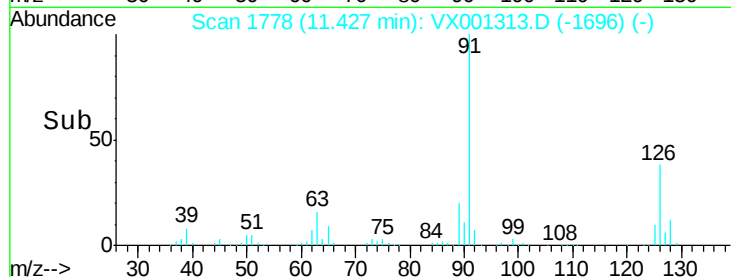
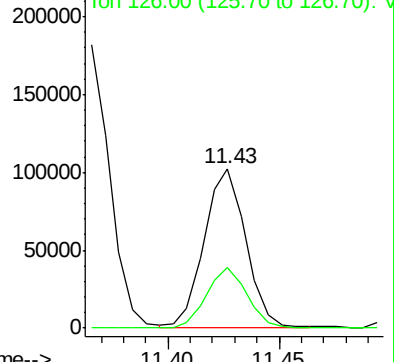
Ion Ratio Lower Upper

91 100

126 36.7 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001313.D

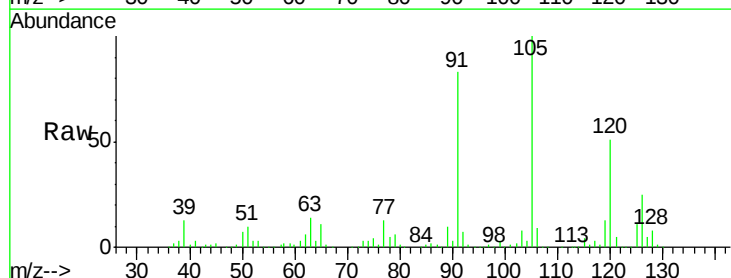
Acq: 02 May 2018 12:27

Tgt Ion: 105 Resp: 168631

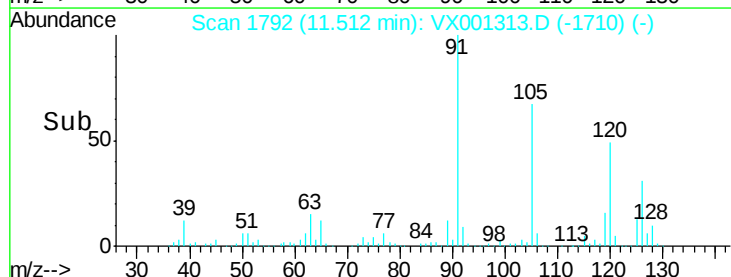
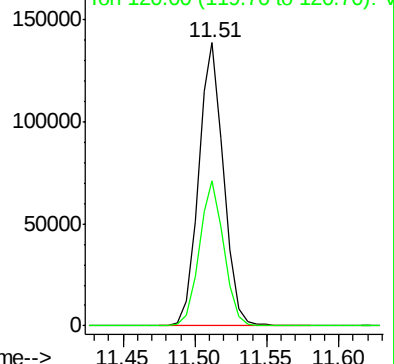
Ion Ratio Lower Upper

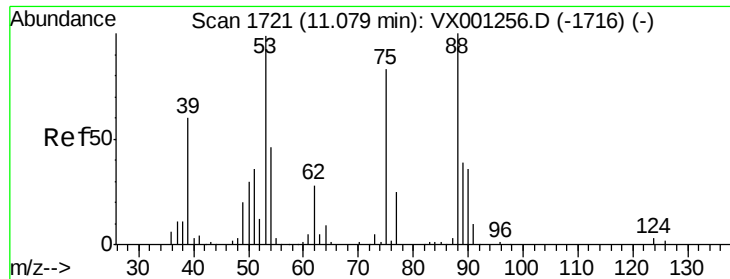
105 100

120 50.5 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.90 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

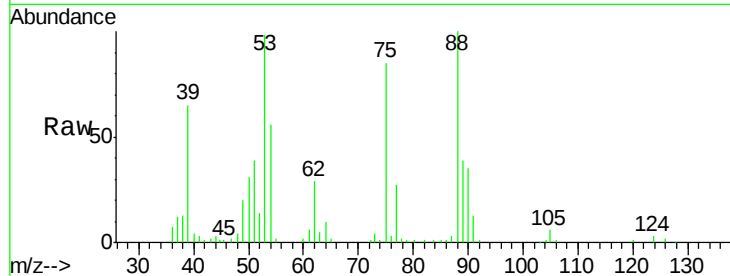
Tgt Ion: 75 Resp: 12897

Ion Ratio Lower Upper

75 100

53 116.2 47.8 143.3

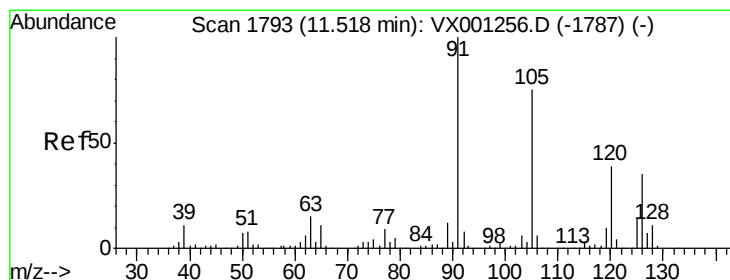
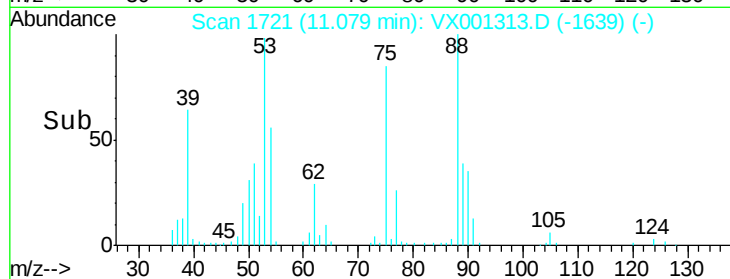
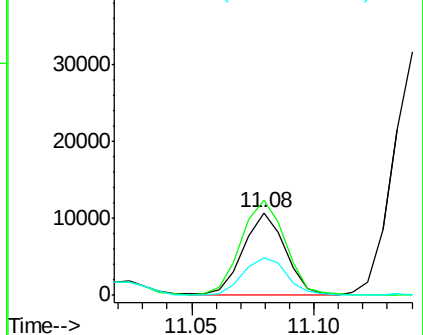
89 45.5 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.43 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001313.D

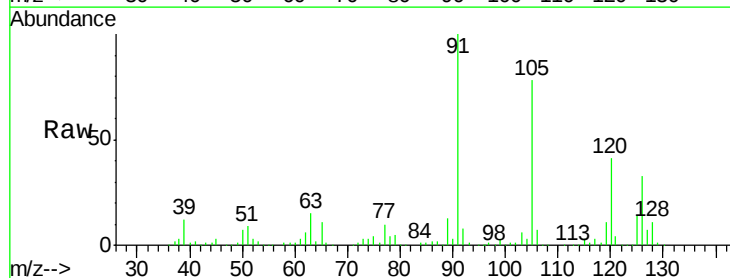
Acq: 02 May 2018 12:27

Tgt Ion: 91 Resp: 155660

Ion Ratio Lower Upper

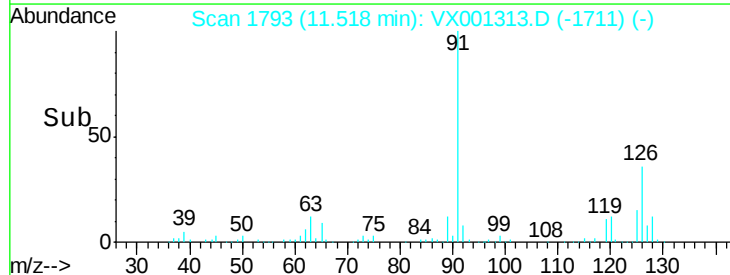
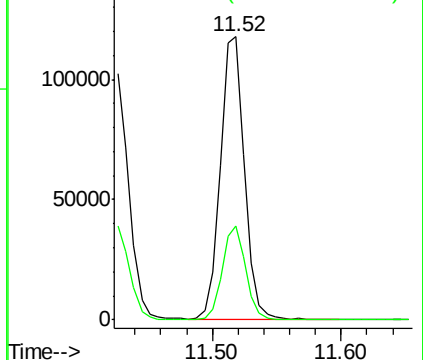
91 100

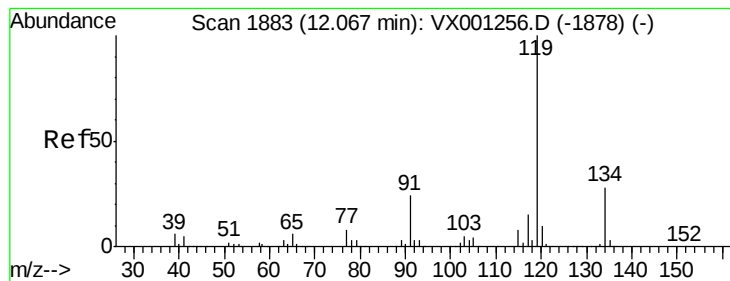
126 32.1 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.07 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS03

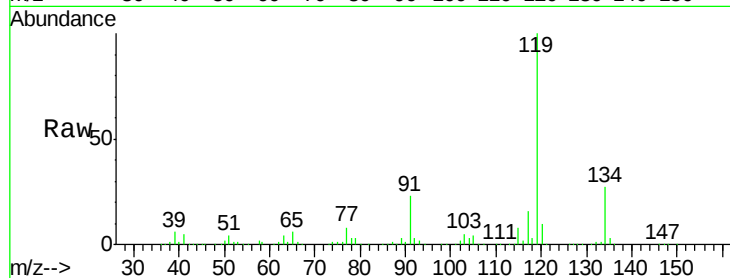
Tgt Ion:119 Resp: 180577

Ion Ratio Lower Upper

119 100

91 23.4 0.0 51.6

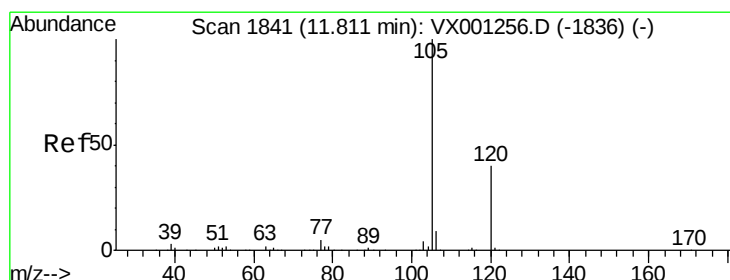
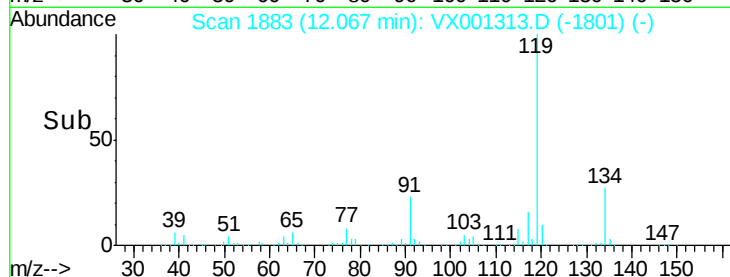
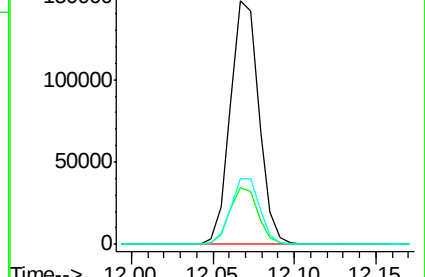
134 27.4 0.0 60.2



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: 19.39 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001313.D

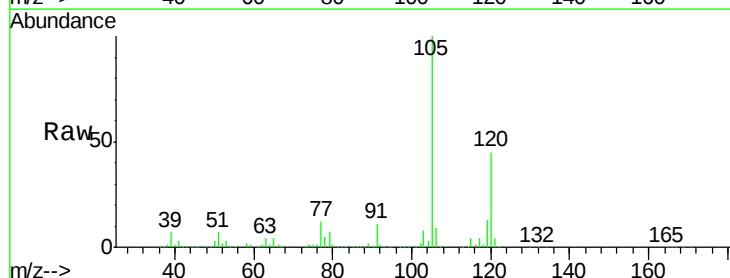
Acq: 02 May 2018 12:27

Tgt Ion:105 Resp: 174689

Ion Ratio Lower Upper

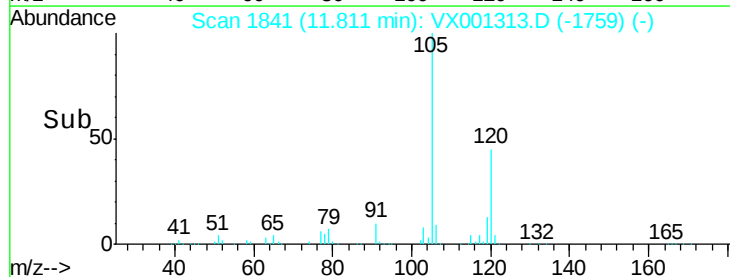
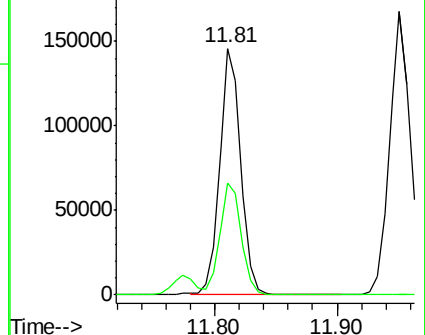
105 100

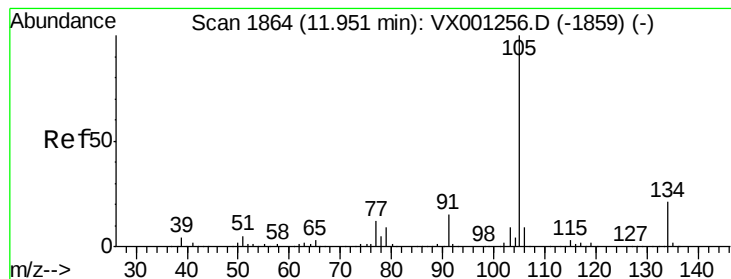
120 46.0 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

Instrument :

MSVOA_X

ClientSampleId :

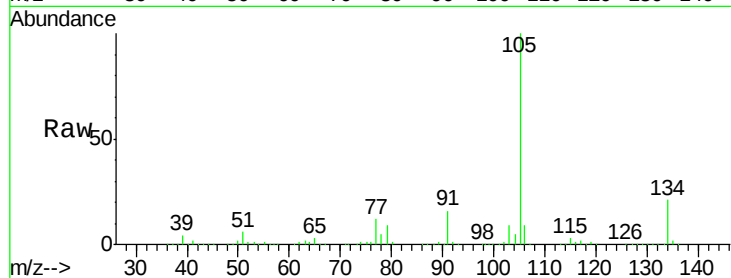
VX0502WBS03

Tgt Ion:105 Resp: 200315

Ion Ratio Lower Upper

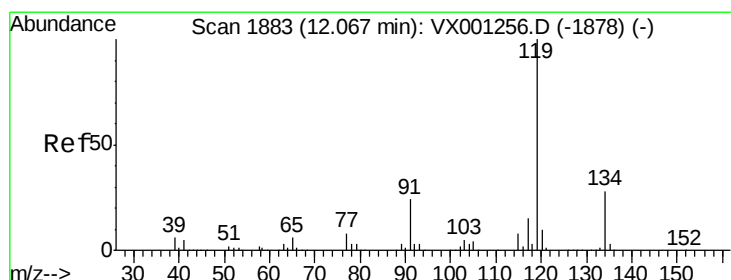
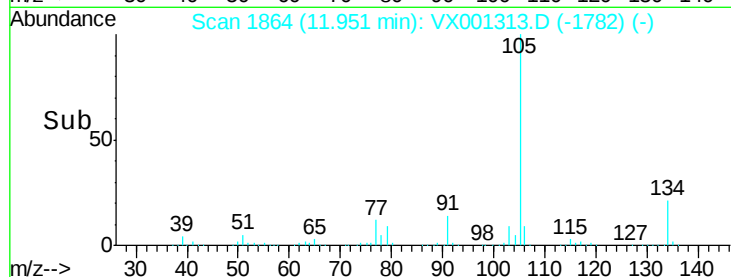
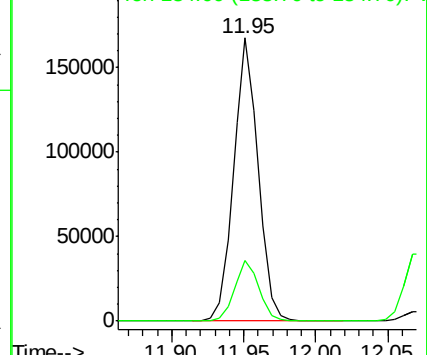
105 100

134 21.4 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.07 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001313.D

Acq: 02 May 2018 12:27

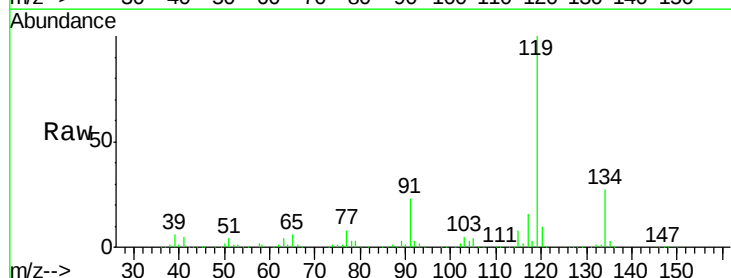
Tgt Ion:119 Resp: 180577

Ion Ratio Lower Upper

119 100

134 27.4 0.0 54.4

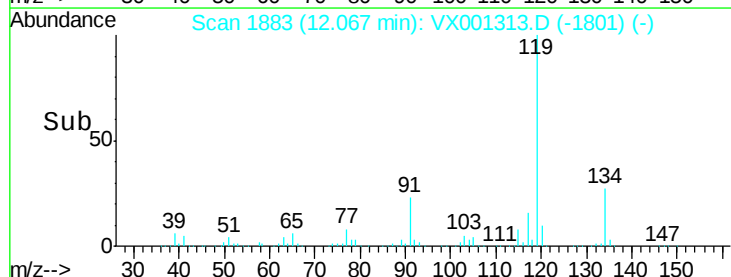
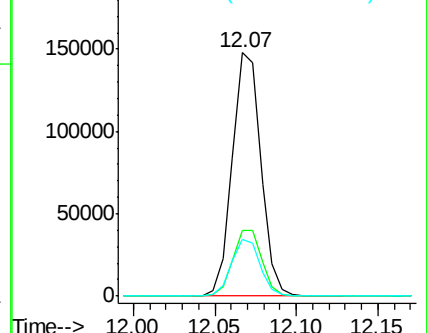
91 23.4 0.0 46.6

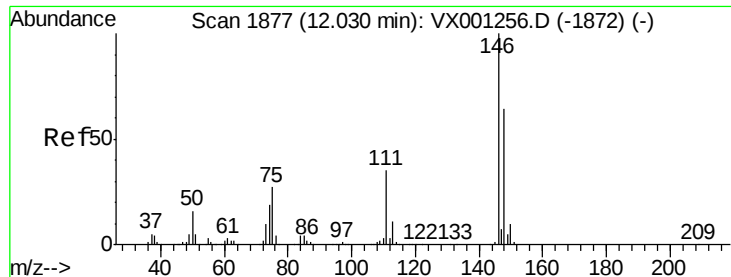


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

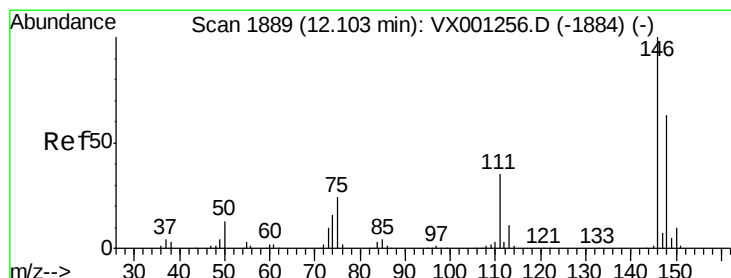
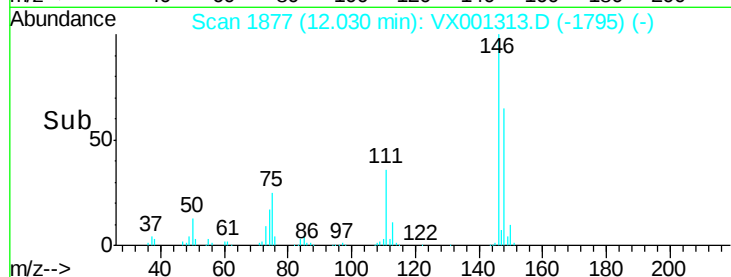
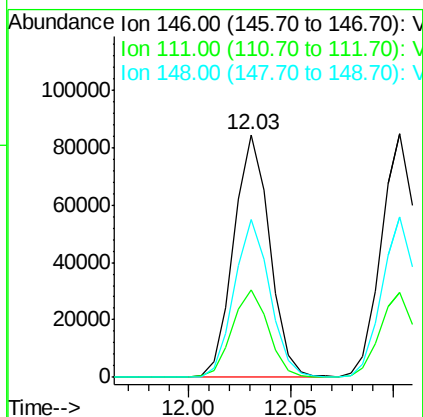
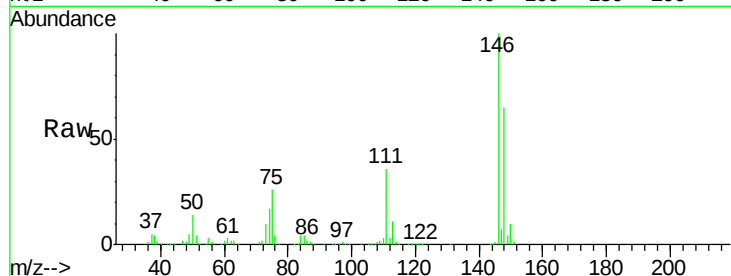




#83
 1,3-Dichlorobenzene
 Concen: 18.78 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

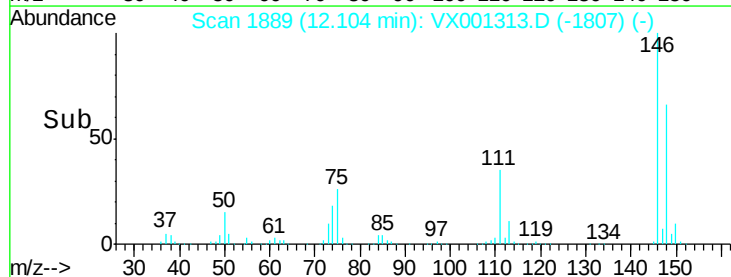
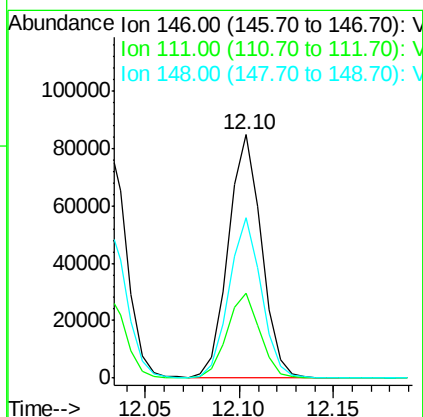
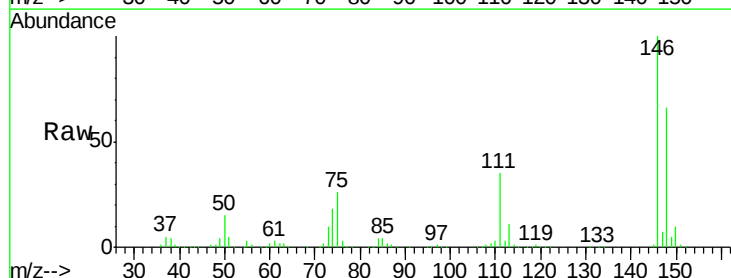
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

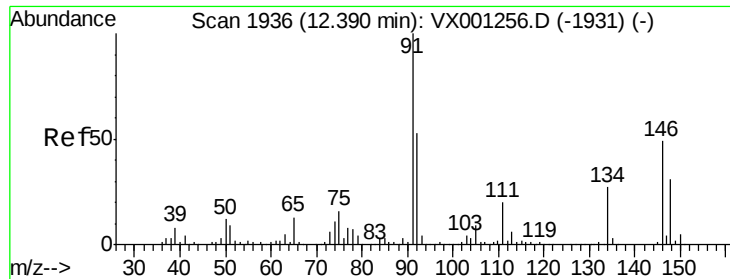
Tgt Ion:146 Resp: 103352
 Ion Ratio Lower Upper
 146 100
 111 36.1 19.4 58.2
 148 64.4 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 18.48 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion:146 Resp: 103679
 Ion Ratio Lower Upper
 146 100
 111 34.3 18.4 55.0
 148 64.5 31.9 95.7

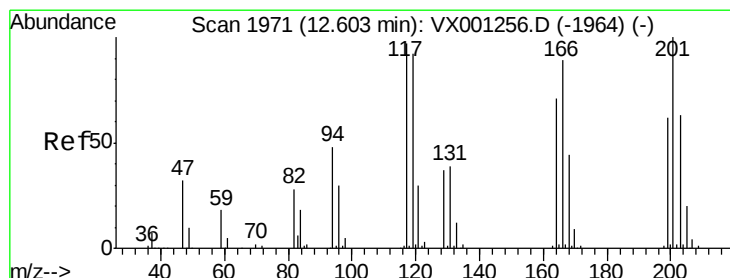
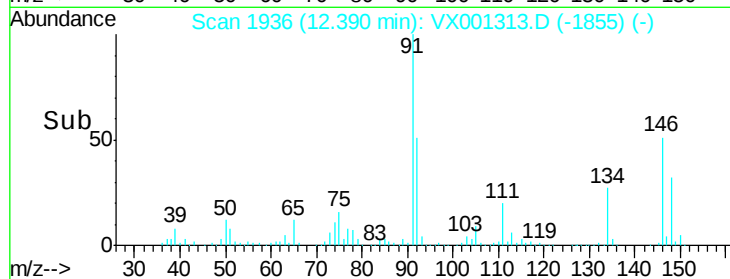
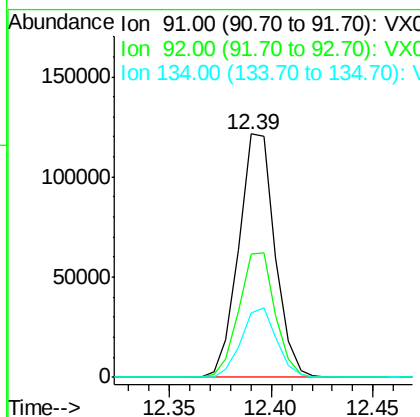
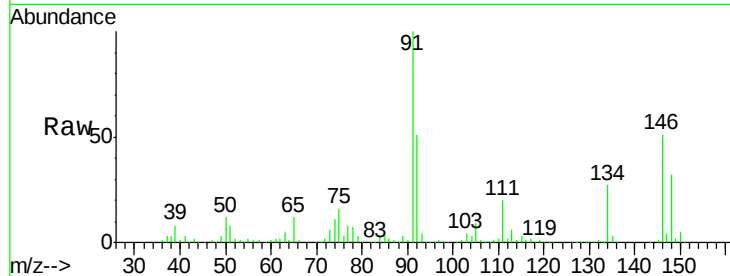




#85
n-Butylbenzene
Concen: 18.30 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

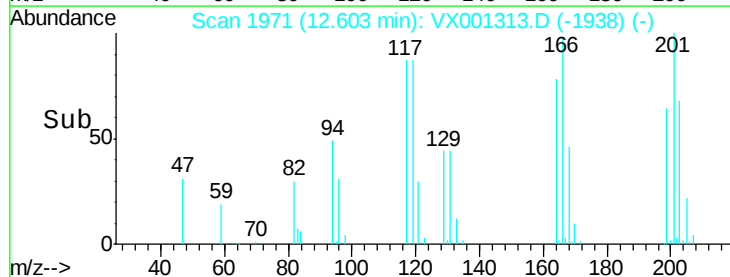
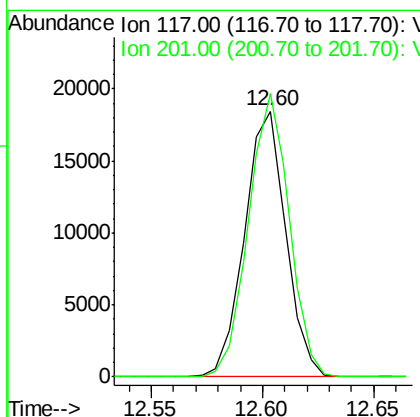
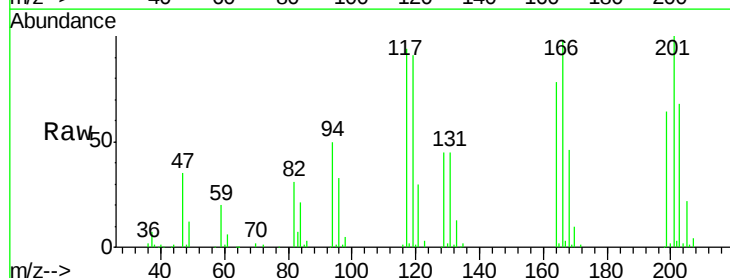
Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

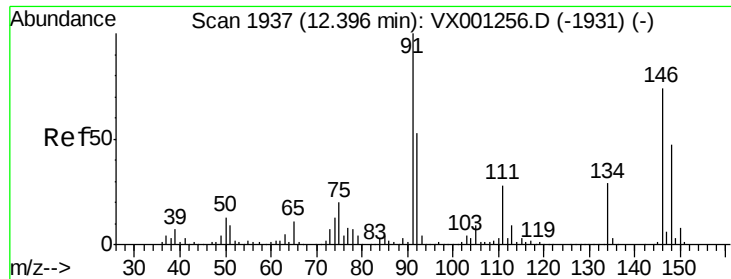
Tgt Ion: 91 Resp: 149864
Ion Ratio Lower Upper
91 100
92 51.1 0.0 102.0
134 28.0 0.0 54.2



#86
Hexachloroethane
Concen: 16.50 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion: 117 Resp: 23882
Ion Ratio Lower Upper
117 100
201 104.8 38.9 116.6

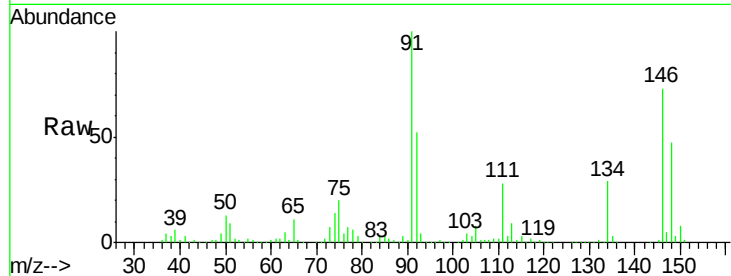




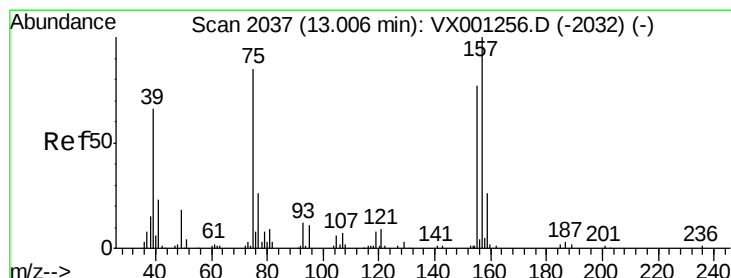
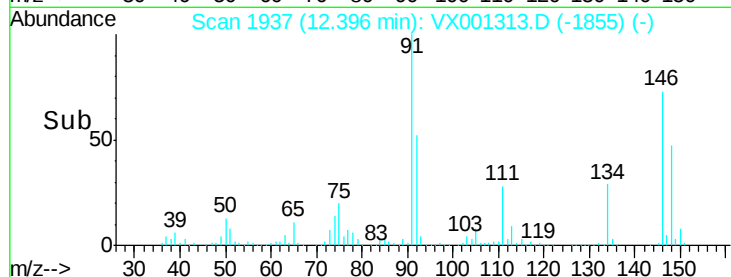
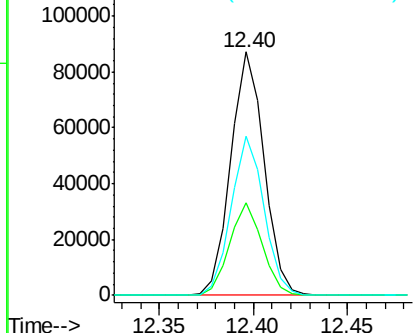
#87
 1,2-Dichlorobenzene
 Concen: 19.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

Tgt Ion: 146 Resp: 106907
 Ion Ratio Lower Upper
 146 100
 111 37.5 20.0 60.0
 148 64.5 31.6 95.0

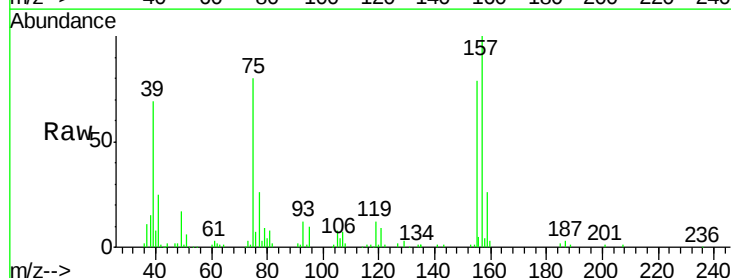


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

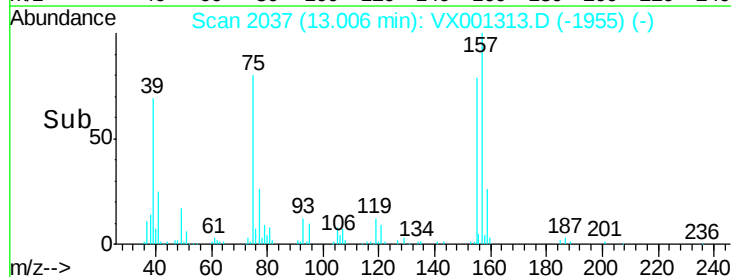
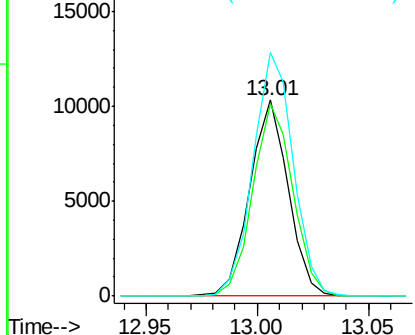


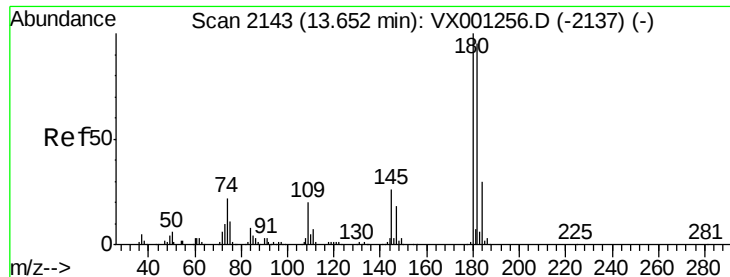
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.57 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion: 75 Resp: 12461
 Ion Ratio Lower Upper
 75 100
 155 101.9 75.1 112.7
 157 129.4 99.0 148.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

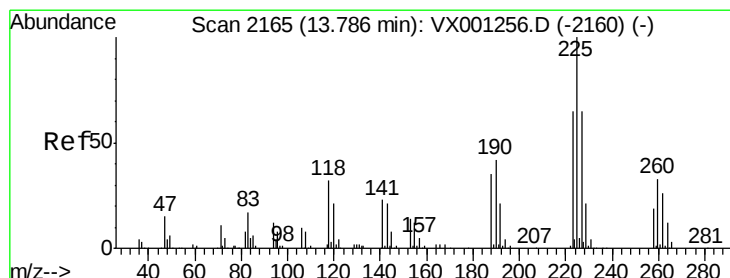
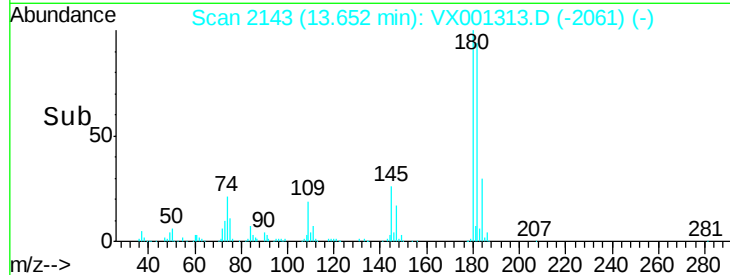
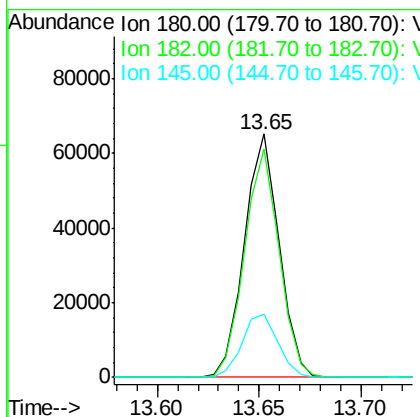
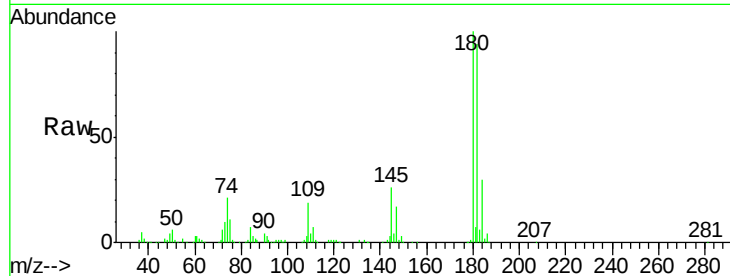




#89
 1,2,4-Trichlorobenzene
 Concen: 18.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

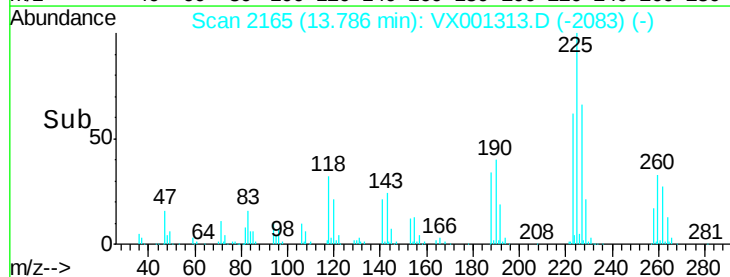
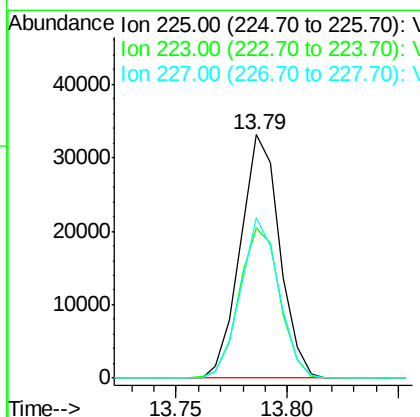
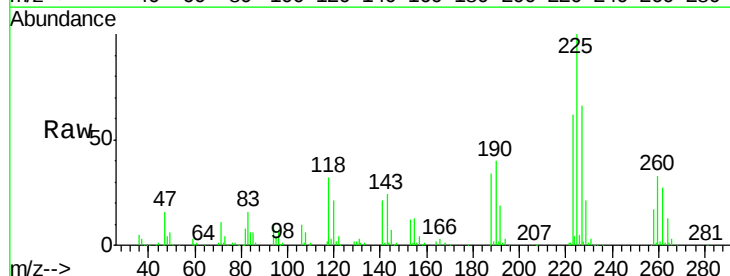
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS03

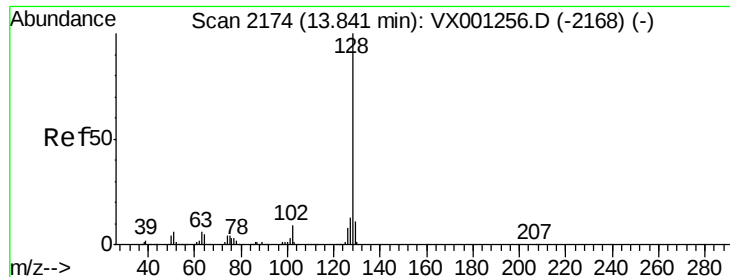
Tgt Ion:180 Resp: 77255
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.3 114.5
 145 26.8 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 21.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001313.D
 Acq: 02 May 2018 12:27

Tgt Ion:225 Resp: 40866
 Ion Ratio Lower Upper
 225 100
 223 63.5 0.0 131.2
 227 64.2 0.0 127.6

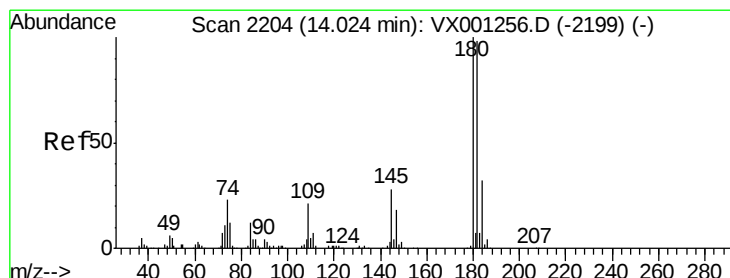
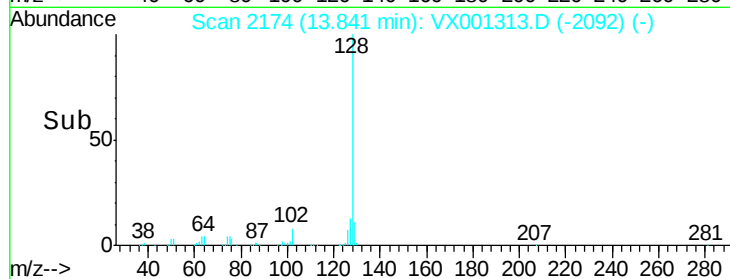
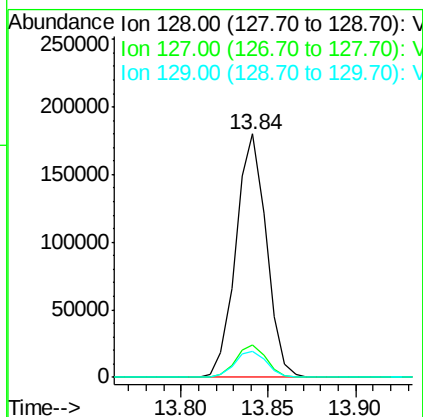
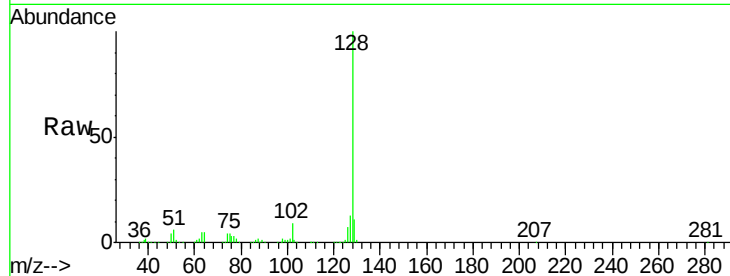




#91
Naphthalene
Concen: 20.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS03

Tgt Ion:128 Resp: 217886
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.1 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 19.61 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001313.D
Acq: 02 May 2018 12:27

Tgt Ion:180 Resp: 80281
Ion Ratio Lower Upper
180 100
182 96.5 0.0 188.6
145 27.9 0.0 65.8

