

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050418\
 Data File : VX001396.D
 Acq On : 04 May 2018 14:22
 Operator : JC/MD
 Sample : VX0504WBS01624
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Quant Time: May 05 05:39:33 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	29405	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	158880	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	149507	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	63951	30.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.50%
60) 4-Bromofluorobenzene	11.14	95	70971	28.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.43%
63) Toluene-d8	8.72	98	193012	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34071	17.67	ug/l	99
3) Chloromethane	1.32	50	31988	17.78	ug/l	96
4) Vinyl Chloride	1.40	62	35610	18.87	ug/l	100
5) Bromomethane	1.64	94	27365	19.20	ug/l	96
6) Chloroethane	1.73	64	23169	20.06	ug/l	99
7) Trichlorofluoromethane	1.93	101	64812	20.67	ug/l	98
8) Diethyl Ether	2.19	74	22506	20.68	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36882	20.74	ug/l	93
10) 1,1-Dichloroethene	2.37	96	32377	20.10	ug/l	93
11) Methyl Iodide	2.51	142	46882	23.93	ug/l	95
12) Methyl Acetate	2.79	43	57705	27.25	ug/l	97
13) Acrolein	2.30	56	12928	51.19	ug/l	99
14) Acrylonitrile	3.15	53	104124	123.54	ug/l	98
15) Acetone	2.45	58	30518	116.37	ug/l	91
16) Carbon Disulfide	2.57	76	66550	15.53	ug/l	100
17) Allyl chloride	2.73	41	57313	20.05	ug/l	95
18) Methylene Chloride	2.86	84	37320	21.26	ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	33988	19.57	ug/l	91
20) Diisopropyl ether	3.88	45	114255	20.31	ug/l	97
21) 1,1-Dichloroethane	3.70	63	65580	21.70	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	36928	19.04	ug/l	97
23) tert-Butyl Alcohol	3.09	59	48567	141.00	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	116965	21.18	ug/l	94
25) Chloroform	5.22	83	62633	19.03	ug/l	99
26) Cyclohexane	5.57	56	46385	16.88	ug/l #	98
29) 1,1-Dichloropropene	5.81	75	42019	17.85	ug/l	98
30) 2-Butanone	4.72	43	139200	115.40	ug/l	97
31) 2,2-Dichloropropane	4.59	77	44144	17.18	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	53598	18.82	ug/l	98
33) Carbon Tetrachloride	5.78	117	46795	18.23	ug/l	97
34) Benzene	6.15	78	133717	19.17	ug/l #	91
35) Methacrylonitrile	5.08	41	27872	20.82	ug/l	91
36) 1,2-Dichloroethane	6.21	62	51602	19.28	ug/l	98
37) Trichloroethene	7.22	130	41153	19.46	ug/l	94
38) Methylcyclohexane	7.47	83	47761	17.24	ug/l	96
39) 1,2-Dichloropropane	7.52	63	33898	19.16	ug/l	97
40) Dibromomethane	7.67	93	24788	19.92	ug/l	87

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Quant Time: May 05 05:39:33 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	42815	18.21	ug/l	96
42) Vinyl Acetate	3.84	43	506280	106.70	ug/l	98
43) Ethyl Acetate	4.89	43	51442	22.15	ug/l	97
44) Isopropyl Acetate	6.48	43	77686	19.65	ug/l	98
45) 1,4-Dioxane	7.77	88	18210	506.86	ug/l	93
46) Methyl methacrylate	7.79	41	41728	20.29	ug/l	93
47) n-amyl Acetate	10.91	43	69443	18.31	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	49374	17.84	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	43219	16.30	ug/l	91
50) 1,1,2-Trichloroethane	9.22	97	37646	20.37	ug/l	97
51) Ethyl methacrylate	9.19	69	49625	18.85	ug/l	93
52) 1,3-Dichloropropane	9.38	76	58453	19.57	ug/l	99
53) Dibromochloromethane	9.59	129	36151	17.72	ug/l	98
54) 1,2-Dibromoethane	9.68	107	39447	19.94	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	129179	100.14	ug/l	99
56) Bromoform	10.87	173	29465	17.65	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	278922	112.40	ug/l	98
59) 2-Hexanone	9.51	43	216679	112.07	ug/l	97
61) Tetrachloroethene	9.34	164	50844	22.19	ug/l	92
62) Toluene	8.79	91	150602	18.74	ug/l	98
64) Chlorobenzene	10.15	112	101384	18.70	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	37410	18.90	ug/l	98
66) Ethyl Benzene	10.26	91	164051	18.29	ug/l	98
67) m/p-Xylenes	10.37	106	129999	36.49	ug/l	98
68) o-Xylene	10.71	106	63588	18.47	ug/l	98
69) Styrene	10.72	104	103774	18.11	ug/l	100
70) Isopropylbenzene	11.02	105	173553	18.56	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	54018	19.69	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	61163	24.92	ug/l	83
73) Bromobenzene	11.26	156	50680	18.65	ug/l	93
74) n-propylbenzene	11.37	91	192454	18.22	ug/l	98
75) 2-Chlorotoluene	11.43	91	116403	18.26	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	146818	18.43	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	11758	16.10	ug/l	74
78) 4-Chlorotoluene	11.52	91	133744	17.59	ug/l	98
79) tert-butylbenzene	12.07	119	158943	18.64	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	149324	18.41	ug/l	100
81) sec-Butylbenzene	11.95	105	174561	18.87	ug/l	99
82) p-Isopropyltoluene	12.07	119	158943	18.64	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	90188	18.20	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	89495	17.72	ug/l	97
85) n-Butylbenzene	12.40	91	128110	17.38	ug/l	99
86) Hexachloroethane	12.60	117	21493	16.49	ug/l	66
87) 1,2-Dichlorobenzene	12.40	146	93016	18.88	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	11326	19.76	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	67011	17.95	ug/l	97
90) Hexachlorobutadiene	13.79	225	37172	21.45	ug/l	98
91) Naphthalene	13.84	128	193334	19.96	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	71808	19.49	ug/l	98

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ClientSampleId :
VX0504WBS01

Quant Time: May 05 05:39:33 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

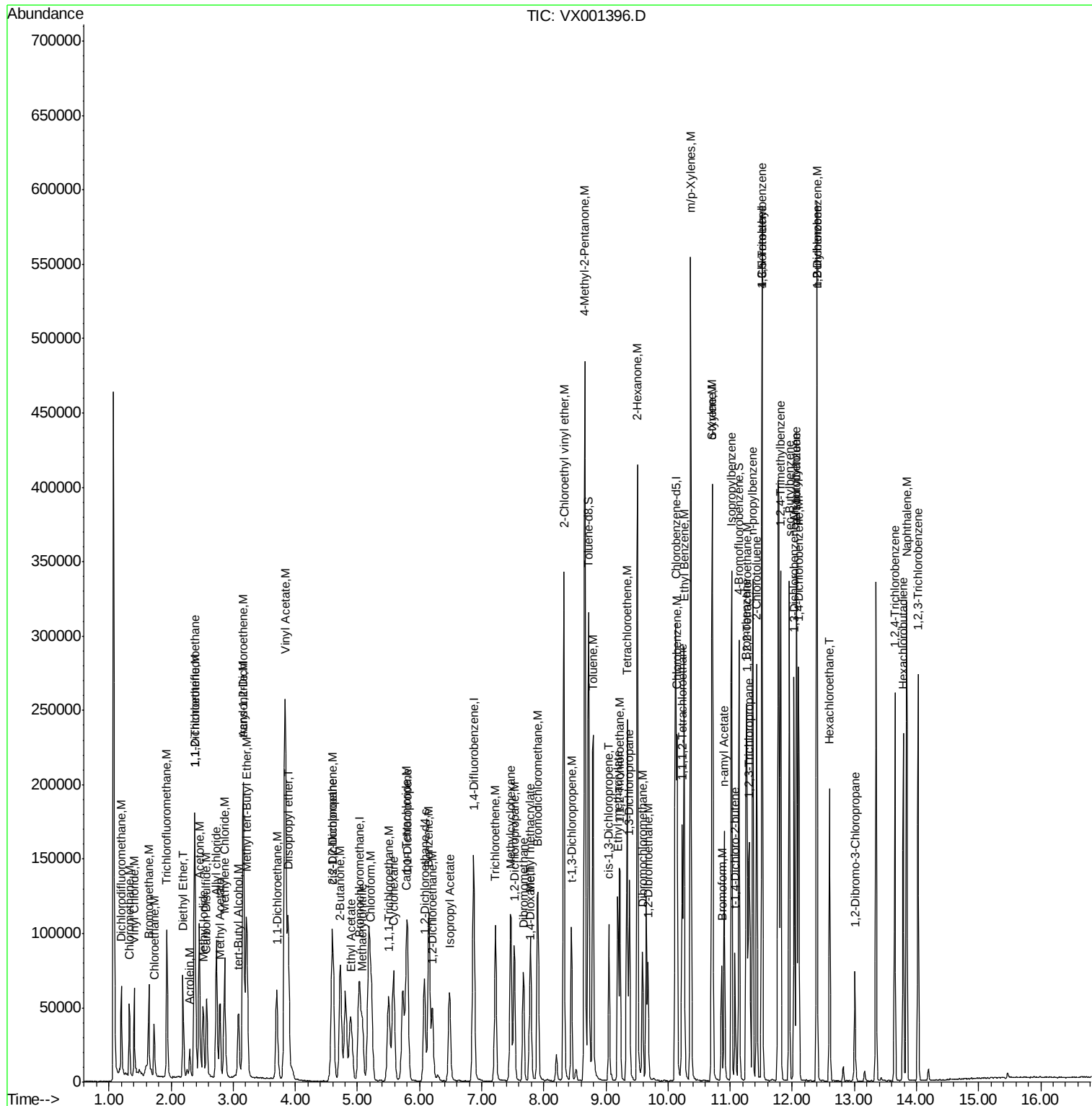
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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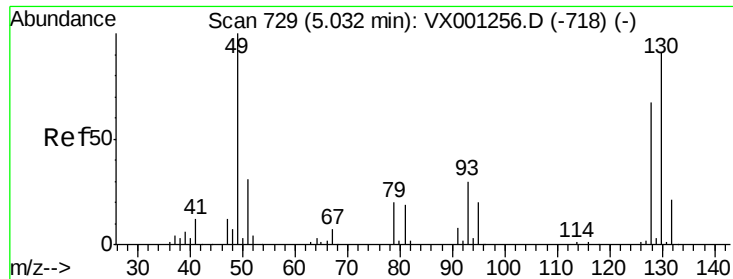
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : VX0504WBS01624  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Quant Time: May 05 05:39:33 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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

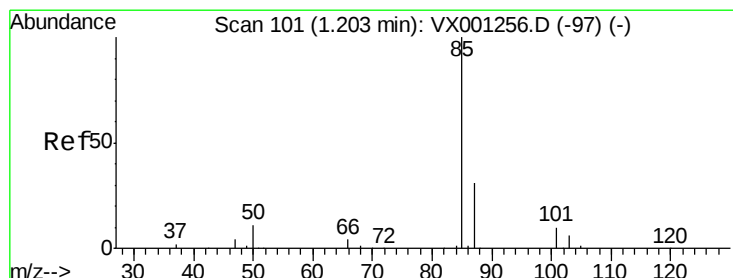
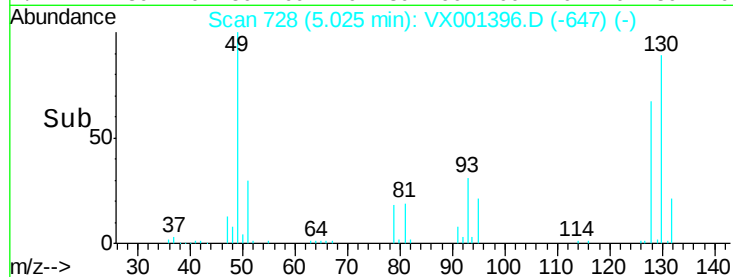
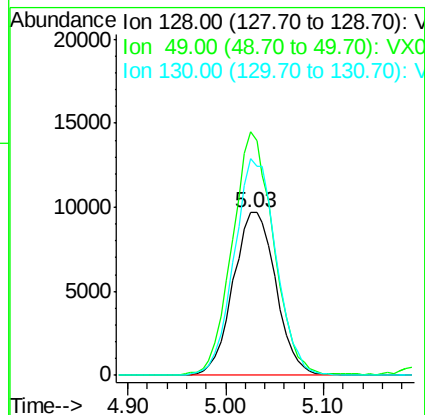
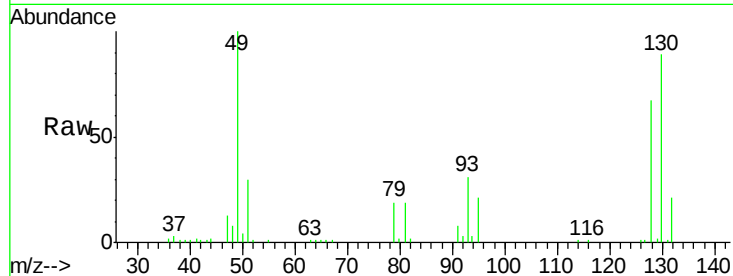
Tgt Ion:128 Resp: 29405

Ion Ratio Lower Upper

128 100

49 145.1 0.0 378.3

130 130.9 0.0 324.3



#2

Dichlorodifluoromethane

Concen: 17.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001396.D

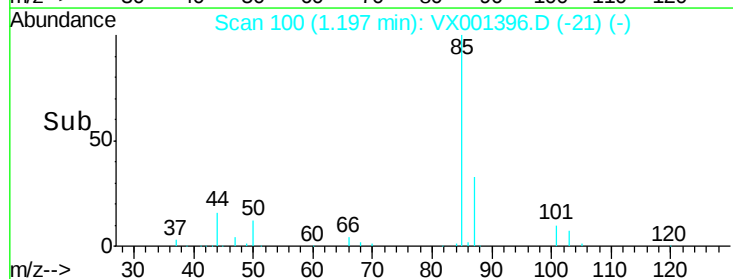
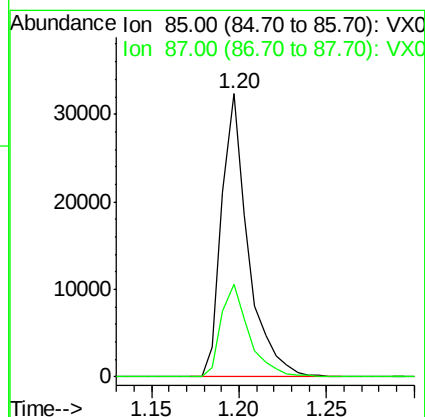
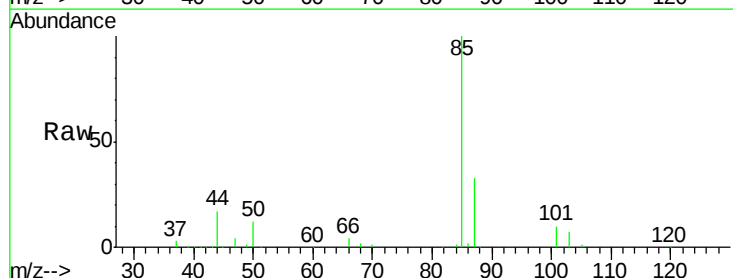
Acq: 04 May 2018 14:22

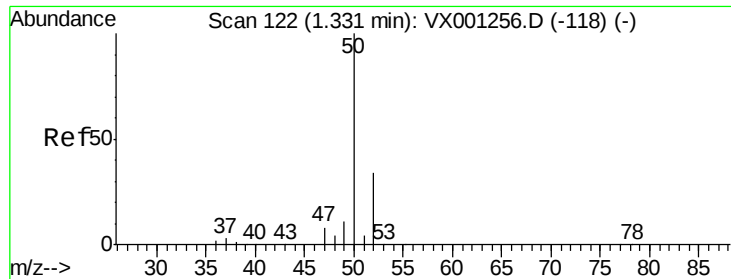
Tgt Ion: 85 Resp: 34071

Ion Ratio Lower Upper

85 100

87 32.8 16.6 49.7





#3

Chloromethane

Concen: 17.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

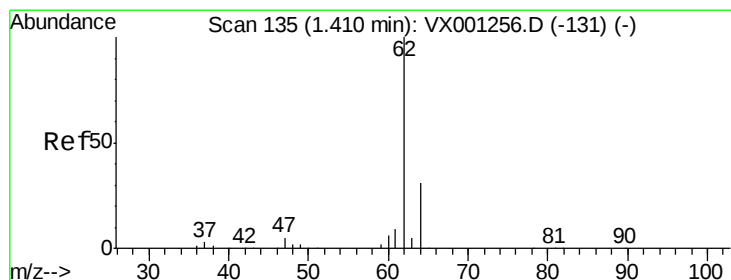
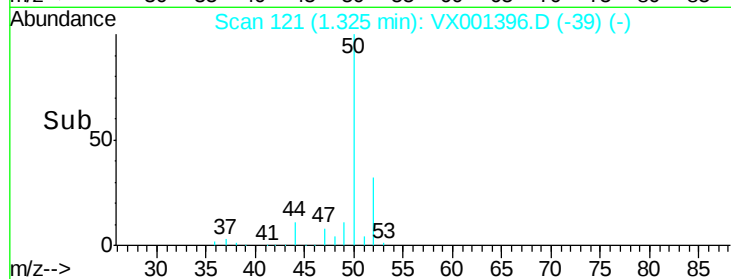
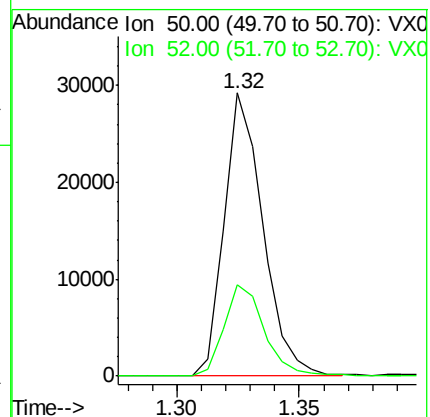
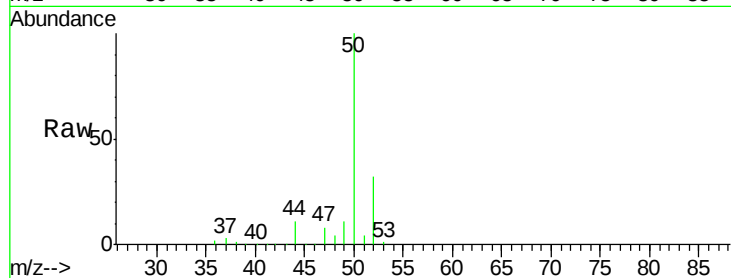
VX0504WBS01

Tgt Ion: 50 Resp: 31988

Ion Ratio Lower Upper

50 100

52 32.3 27.8 41.6



#4

Vinyl Chloride

Concen: 18.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001396.D

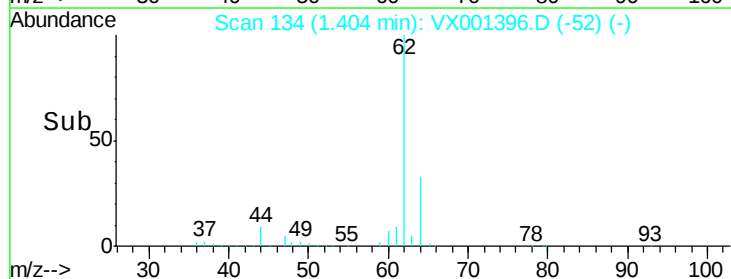
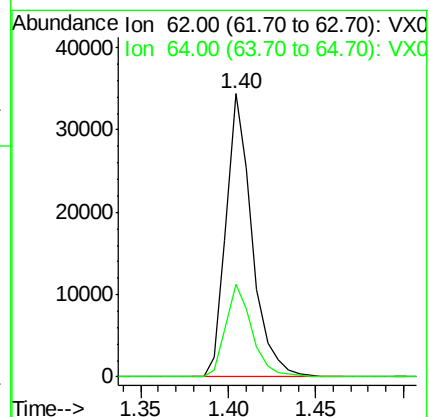
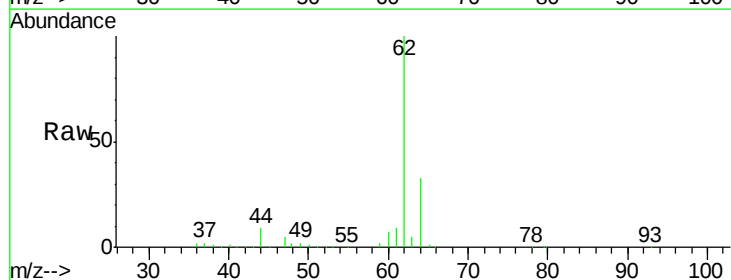
Acq: 04 May 2018 14:22

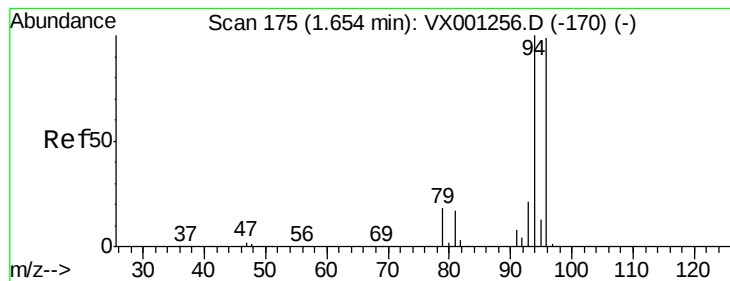
Tgt Ion: 62 Resp: 35610

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 19.20 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

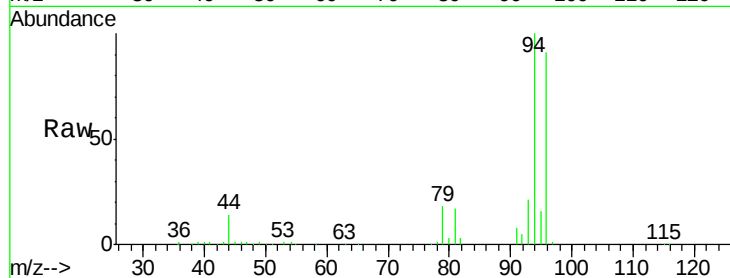
VX0504WBS01

Tgt Ion: 94 Resp: 27365

Ion Ratio Lower Upper

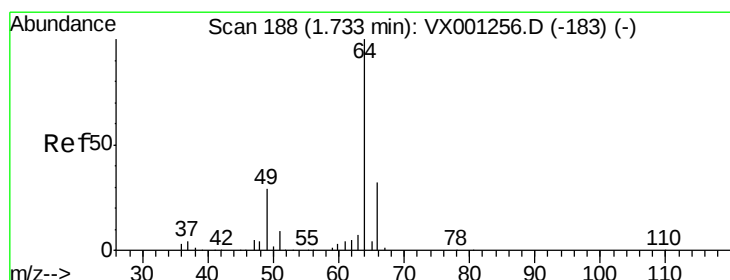
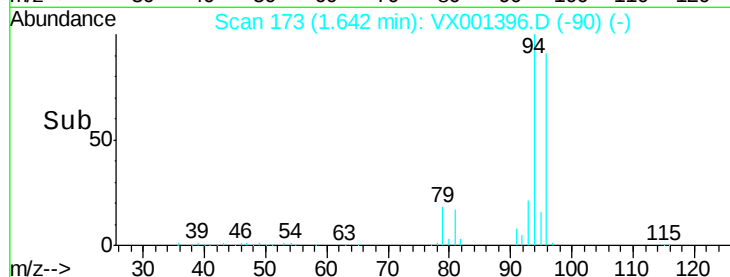
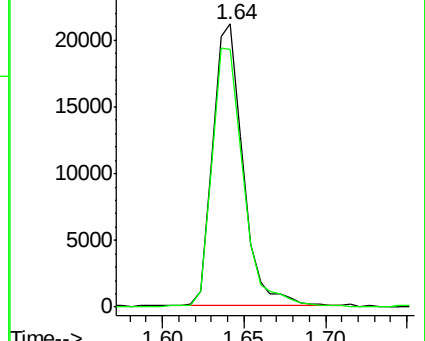
94 100

96 91.0 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.06 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001396.D

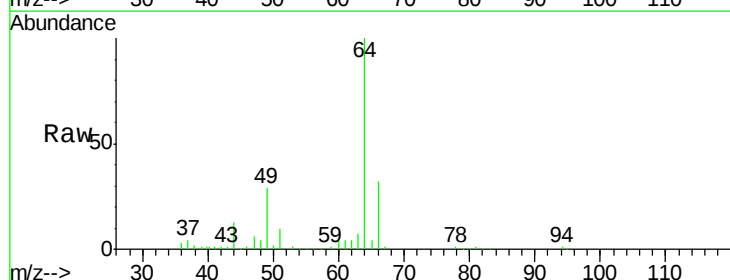
Acq: 04 May 2018 14:22

Tgt Ion: 64 Resp: 23169

Ion Ratio Lower Upper

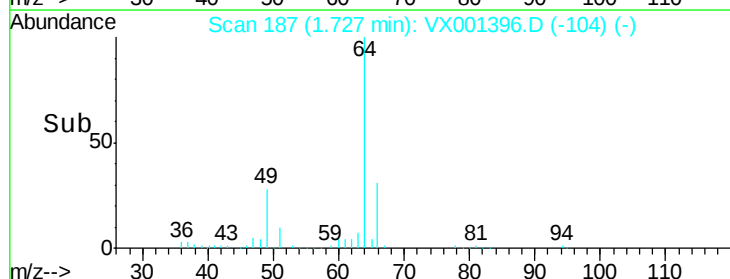
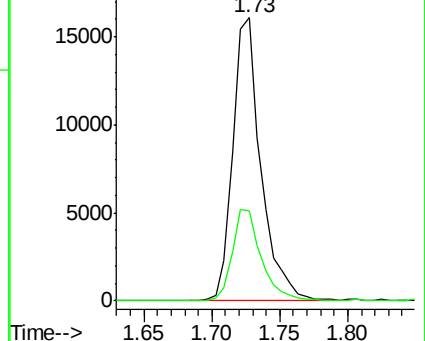
64 100

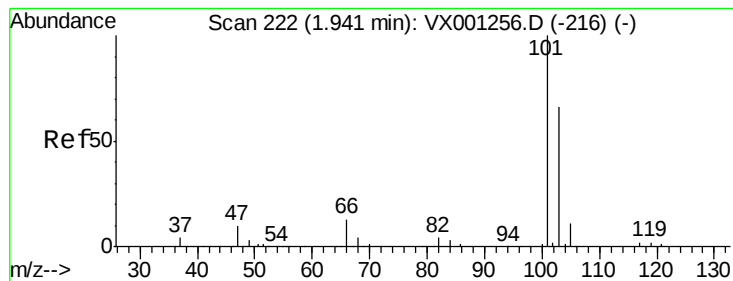
66 31.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 20.67 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

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ClientSampleId :

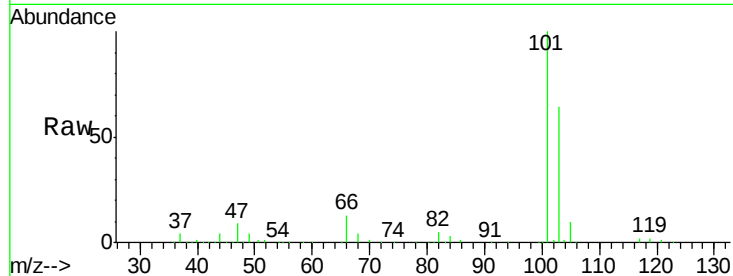
VX0504WBS01

Tgt Ion:101 Resp: 64812

Ion Ratio Lower Upper

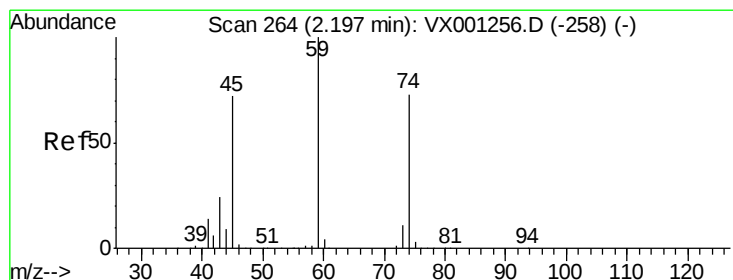
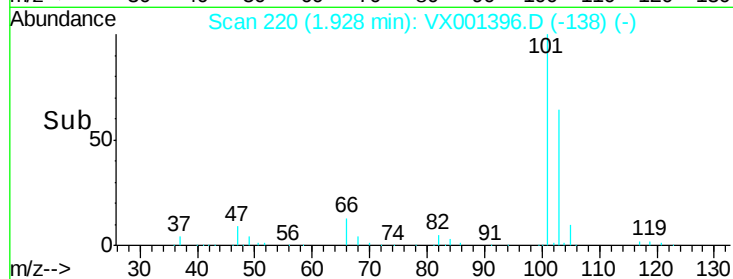
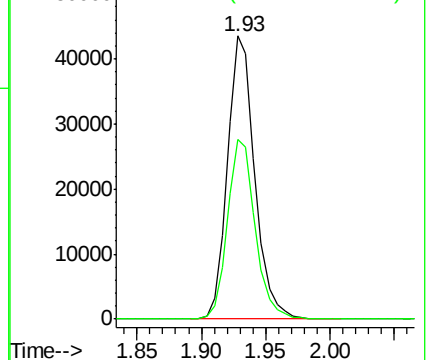
101 100

103 63.7 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 20.68 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001396.D

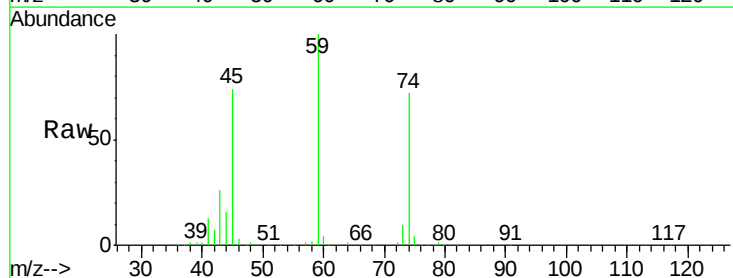
Acq: 04 May 2018 14:22

Tgt Ion: 74 Resp: 22506

Ion Ratio Lower Upper

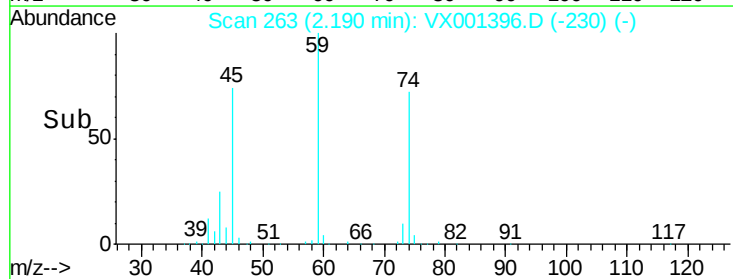
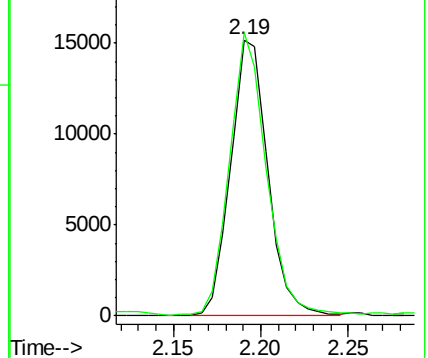
74 100

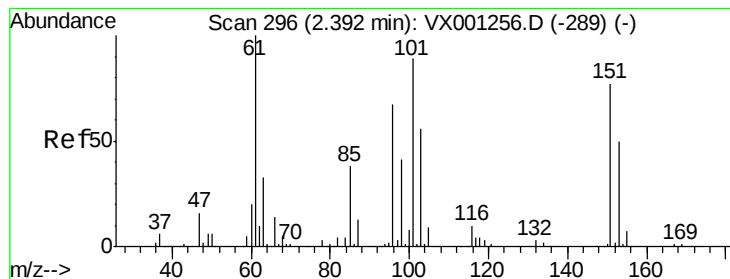
45 100.9 17.8 159.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

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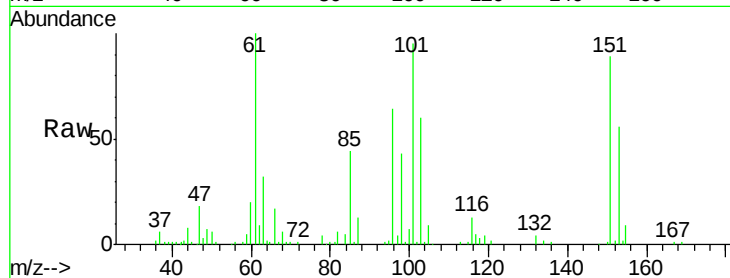
Tgt Ion: 101 Resp: 36882

Ion Ratio Lower Upper

101 100

85 43.7 0.0 90.4

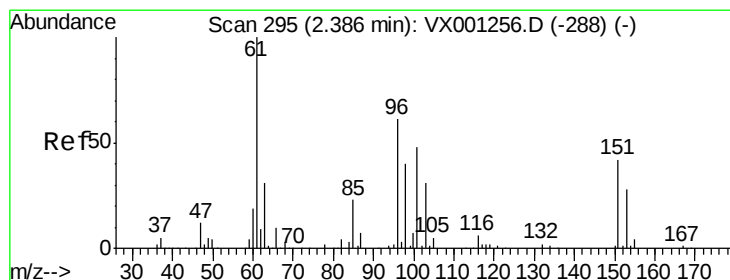
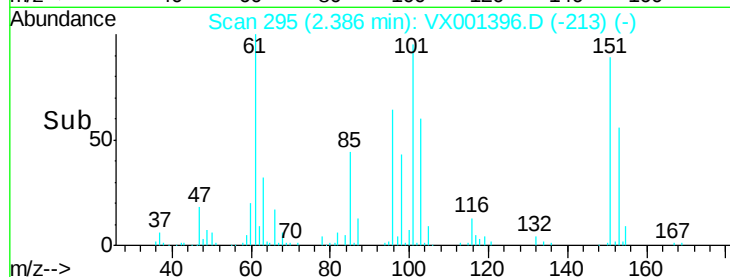
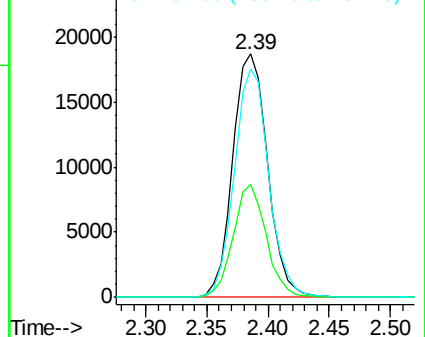
151 92.7 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.10 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

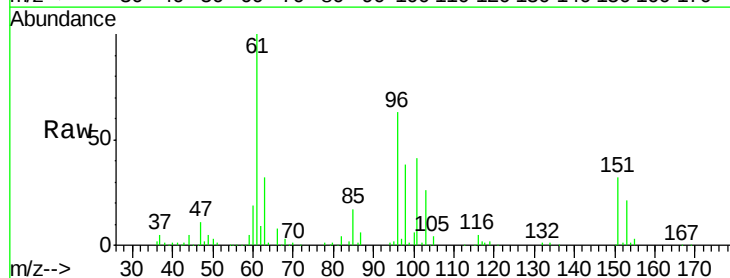
Tgt Ion: 96 Resp: 32377

Ion Ratio Lower Upper

96 100

61 159.5 118.6 178.0

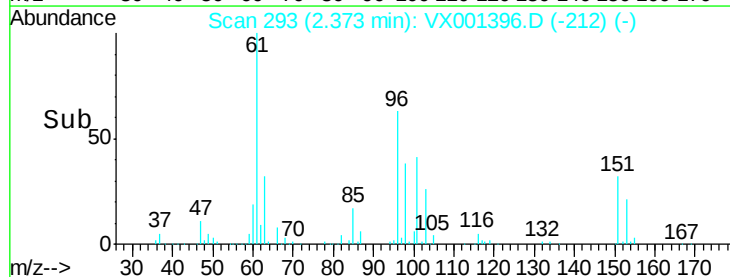
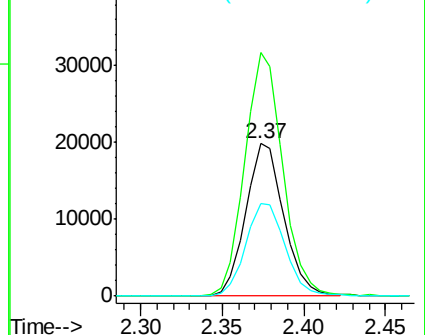
98 60.8 51.0 76.6

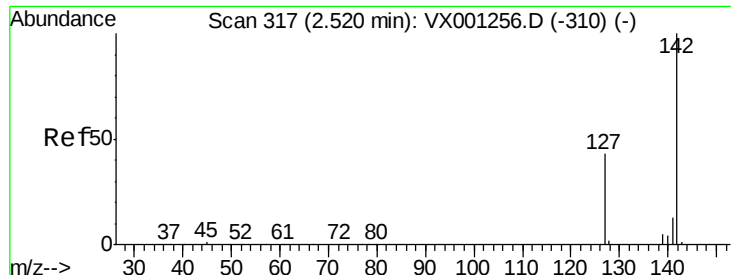


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

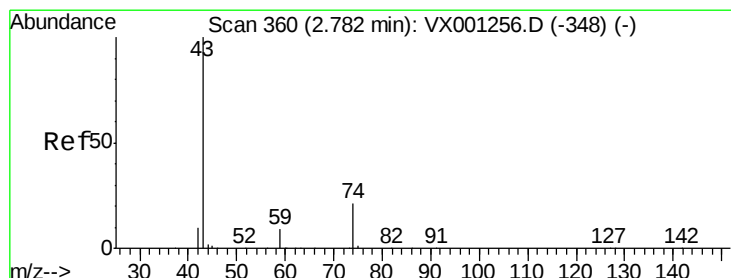
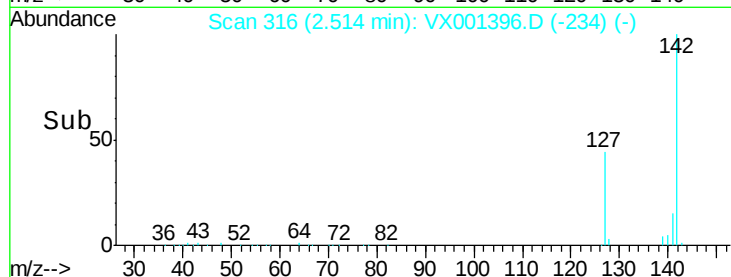
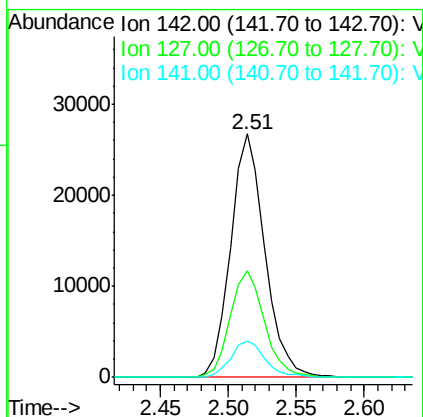
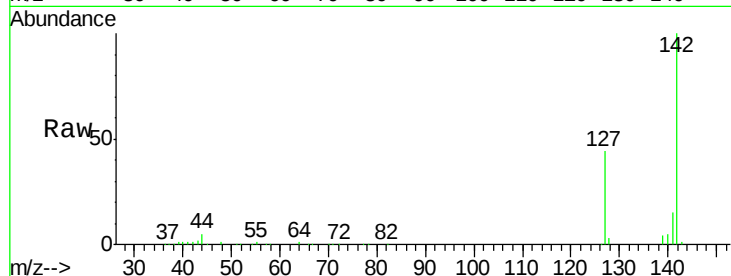




#11
Methyl Iodide
Concen: 23.93 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

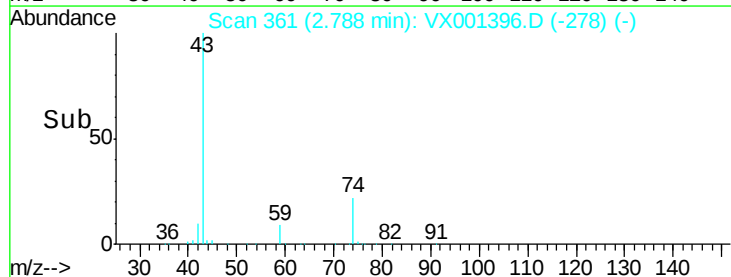
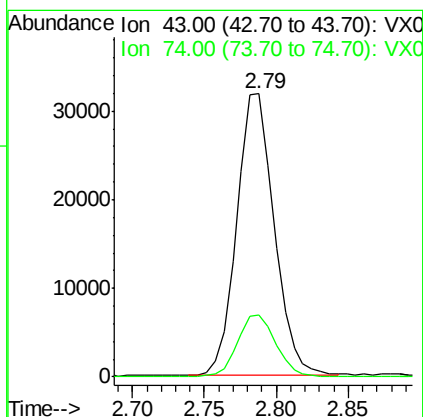
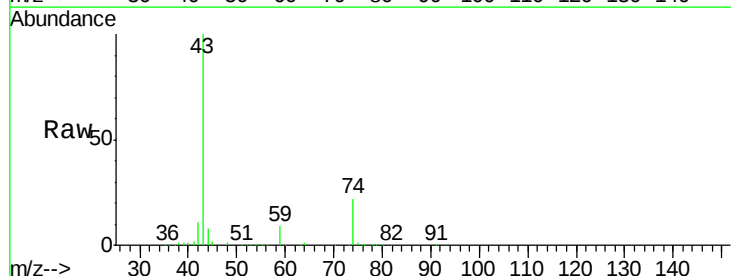
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

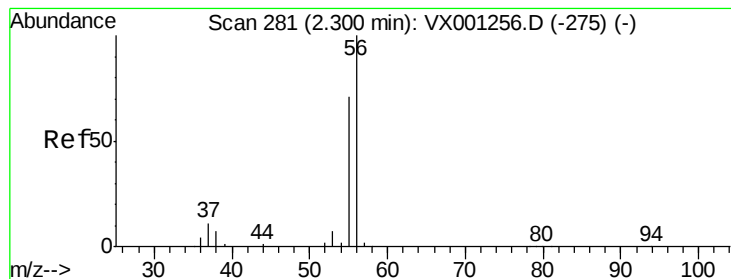
Tgt Ion:142 Resp: 46882
Ion Ratio Lower Upper
142 100
127 43.9 23.8 71.5
141 14.7 8.2 24.4



#12
Methyl Acetate
Concen: 27.25 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 43 Resp: 57705
Ion Ratio Lower Upper
43 100
74 21.7 18.6 27.8





#13

Acrolein

Concen: 51.19 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

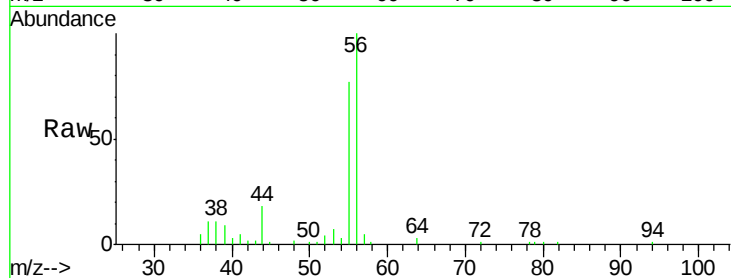
VX0504WBS01

Tgt Ion: 56 Resp: 12928

Ion Ratio Lower Upper

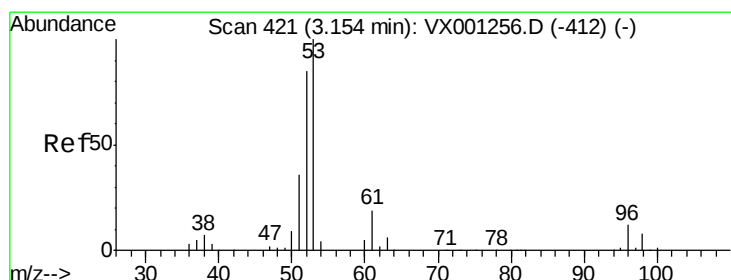
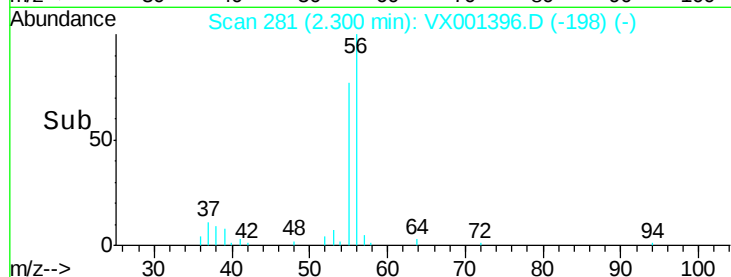
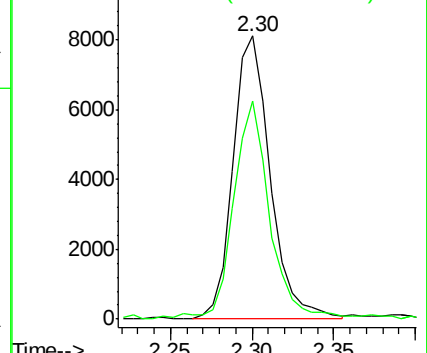
56 100

55 70.7 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 123.54 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

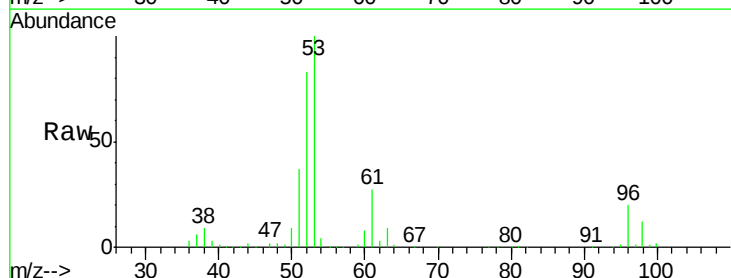
Tgt Ion: 53 Resp: 104124

Ion Ratio Lower Upper

53 100

52 82.2 41.9 125.8

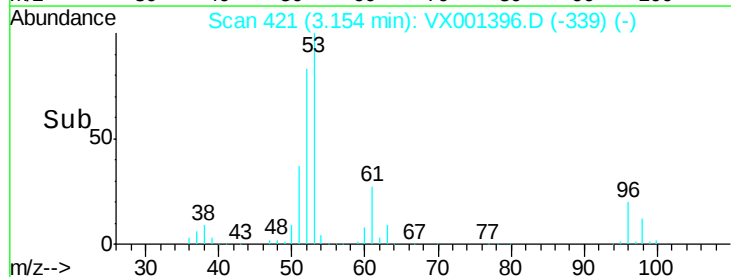
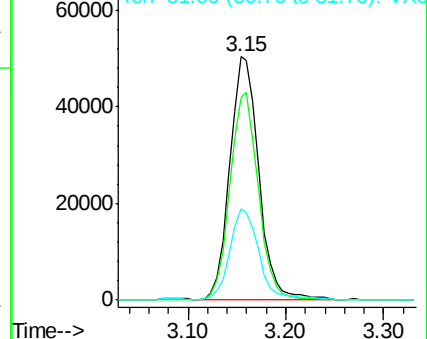
51 36.3 18.8 56.3

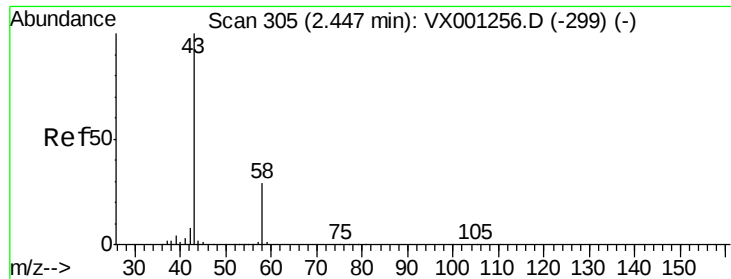


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 116.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

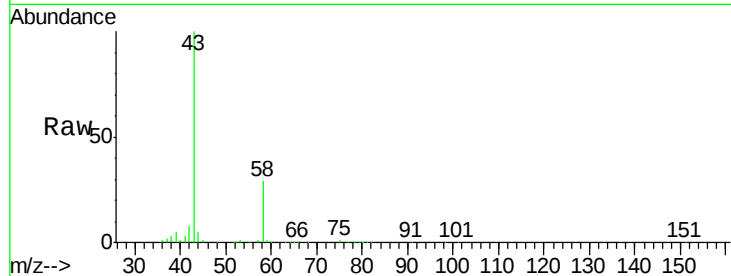
VX0504WBS01

Tgt Ion: 58 Resp: 30518

Ion Ratio Lower Upper

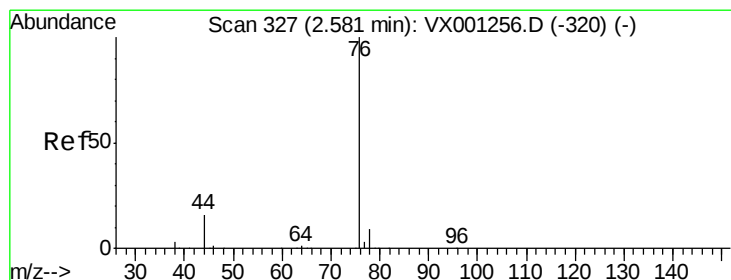
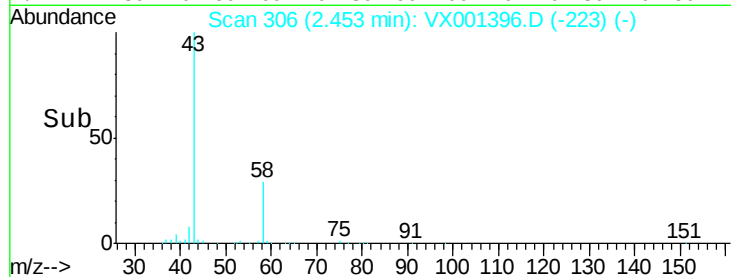
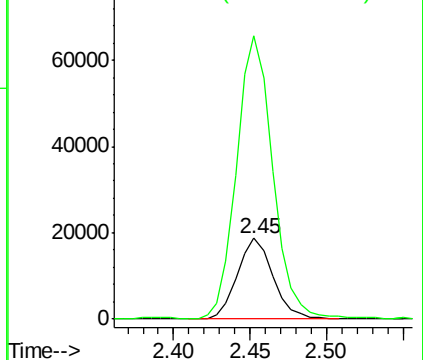
58 100

43 348.9 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.53 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001396.D

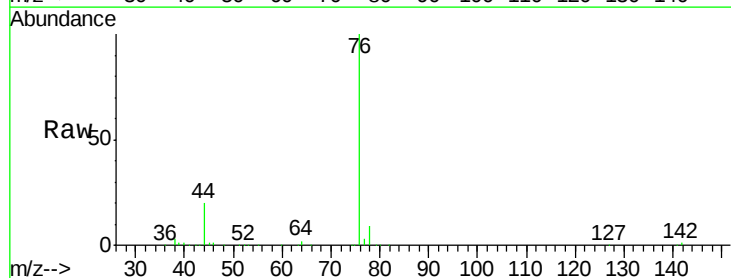
Acq: 04 May 2018 14:22

Tgt Ion: 76 Resp: 66550

Ion Ratio Lower Upper

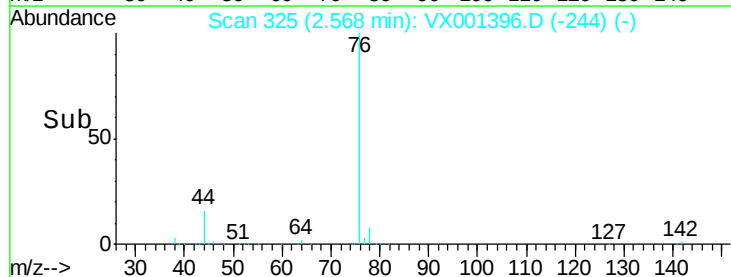
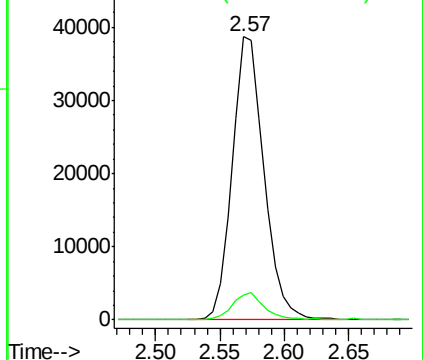
76 100

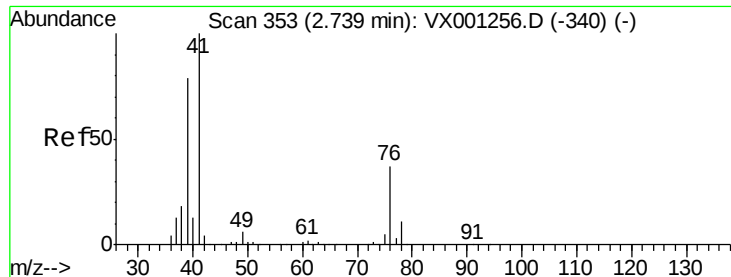
78 8.4 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allyl chloride

Concen: 20.05 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

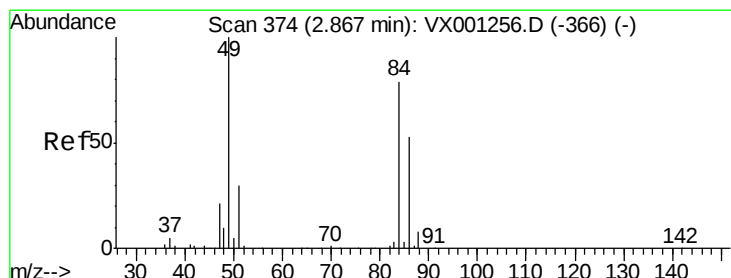
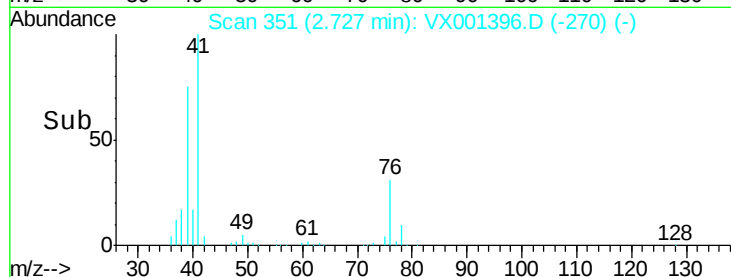
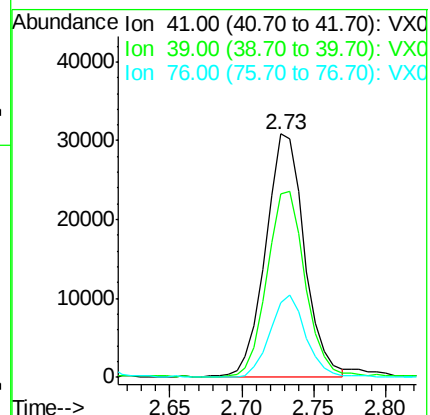
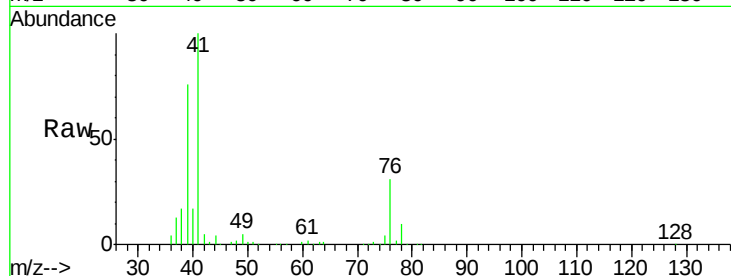
Tgt Ion: 41 Resp: 57313

Ion Ratio Lower Upper

41 100

39 75.3 38.5 115.5

76 30.7 18.7 56.1



#18

Methylene Chloride

Concen: 21.26 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion: 84 Resp: 37320

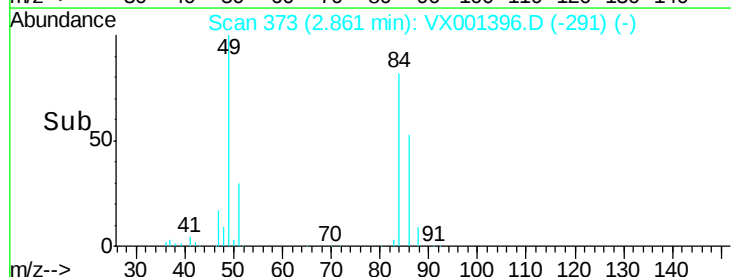
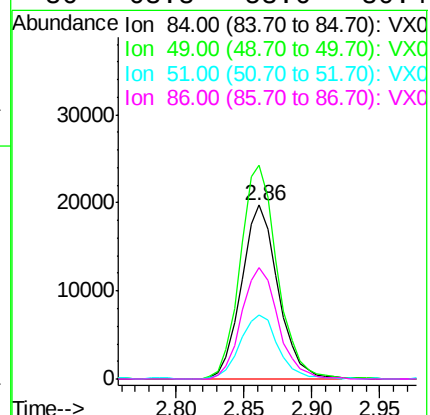
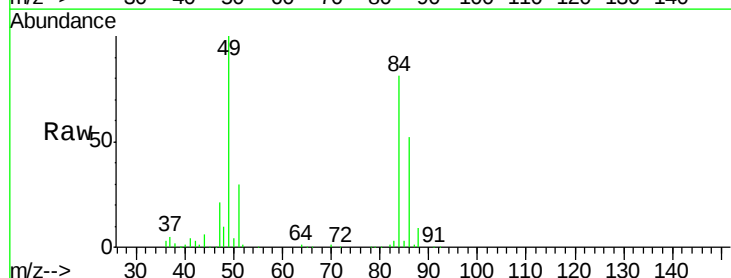
Ion Ratio Lower Upper

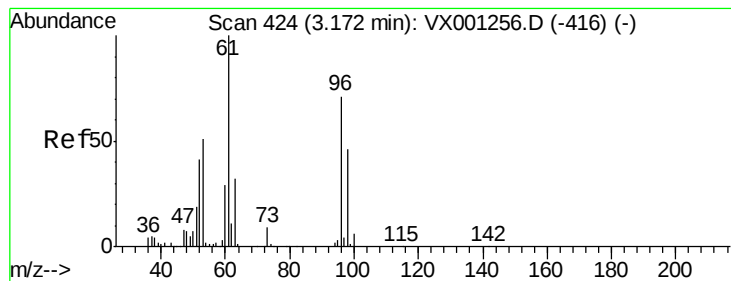
84 100

49 122.9 103.3 154.9

51 36.9 31.2 46.8

86 63.8 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 19.57 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

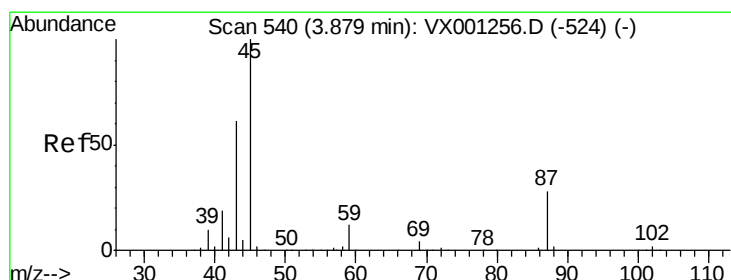
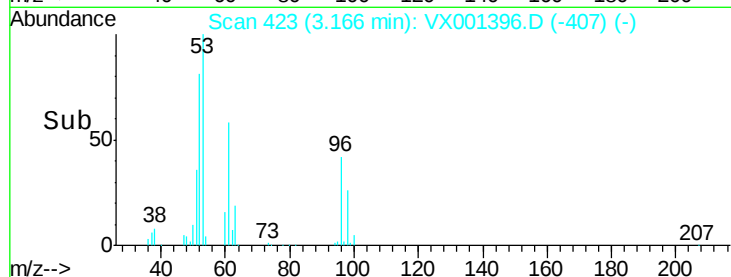
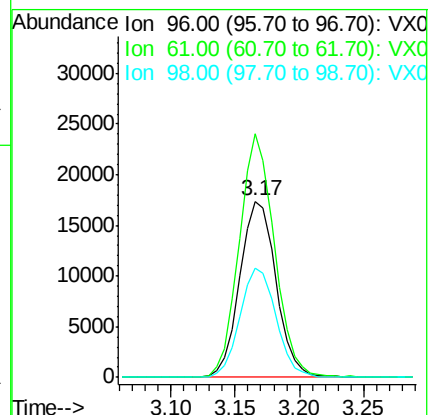
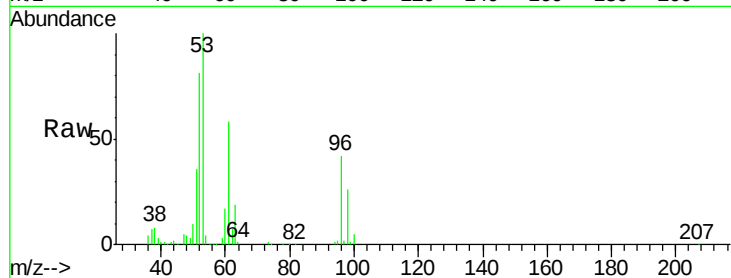
Tgt Ion: 96 Resp: 33988

Ion Ratio Lower Upper

96 100

61 138.2 101.0 151.6

98 61.9 53.3 79.9



#20

Diisopropyl ether

Concen: 20.31 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion: 45 Resp: 114255

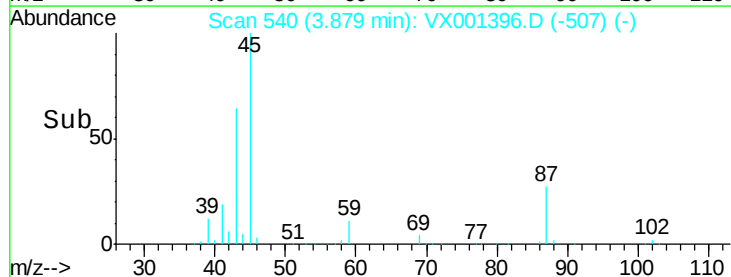
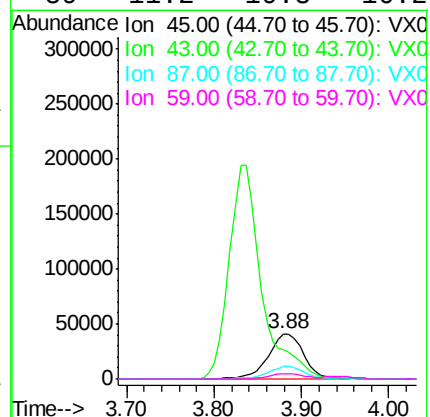
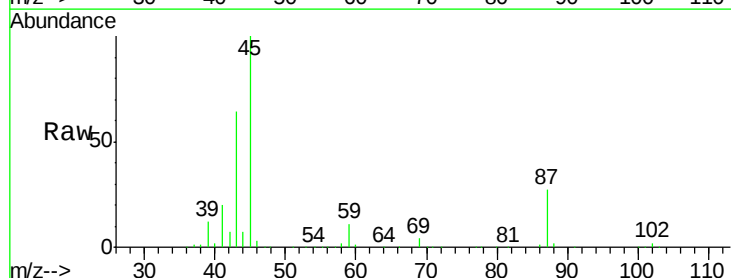
Ion Ratio Lower Upper

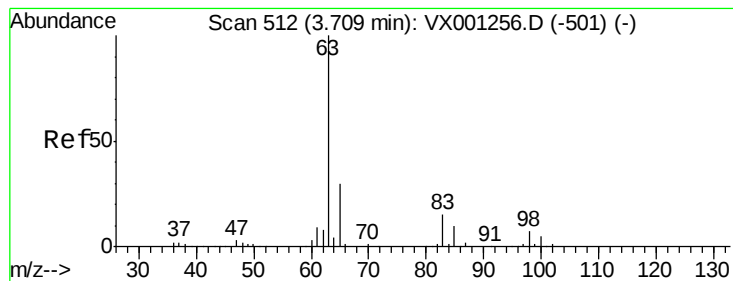
45 100

43 63.8 49.6 74.4

87 27.1 23.1 34.7

59 11.2 10.8 16.2





#21

1,1-Dichloroethane

Concen: 21.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

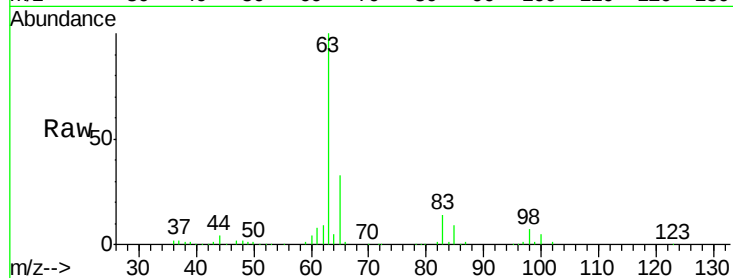
Tgt Ion: 63 Resp: 65580

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

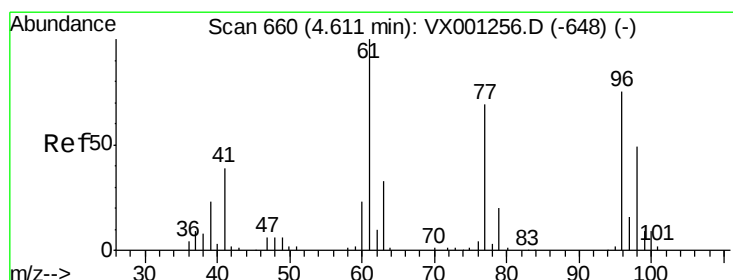
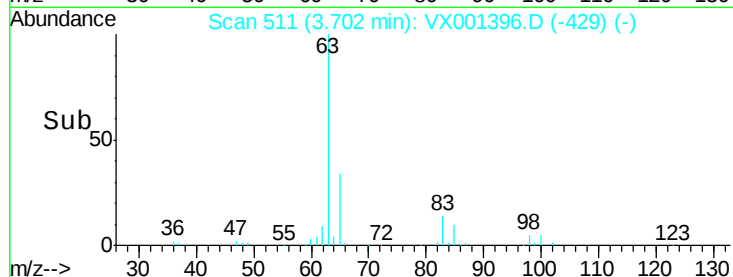
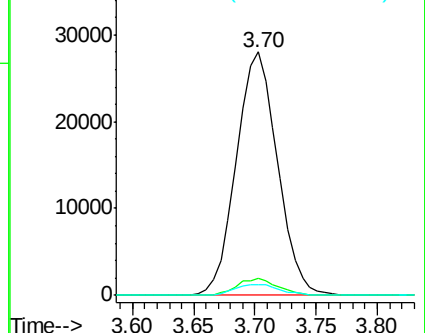
100 4.5 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

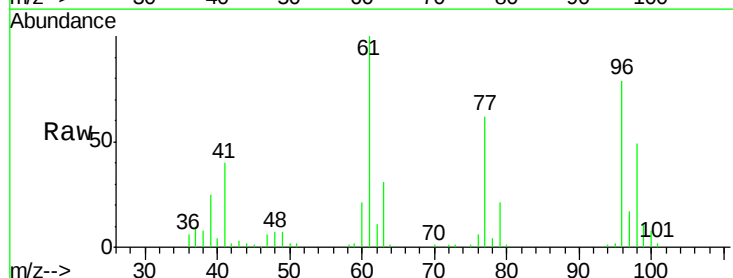
Tgt Ion: 96 Resp: 36928

Ion Ratio Lower Upper

96 100

61 146.2 113.5 170.3

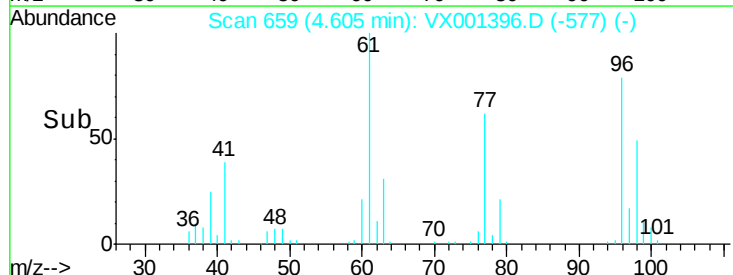
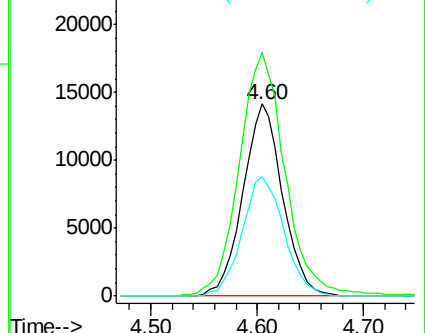
98 65.6 51.8 77.8

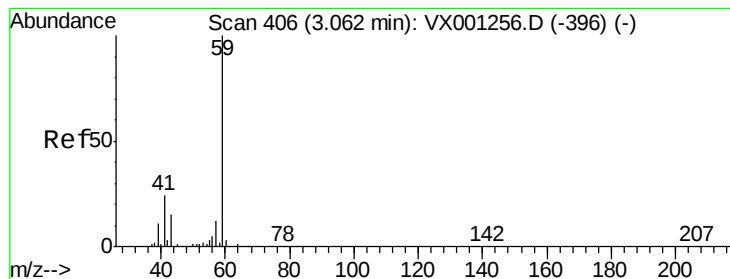


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 141.00 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

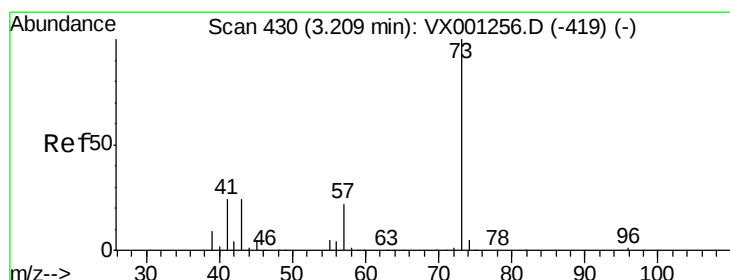
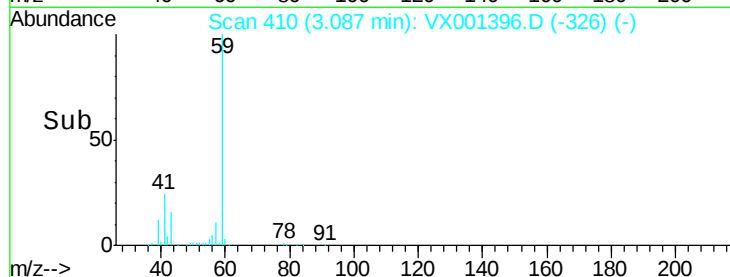
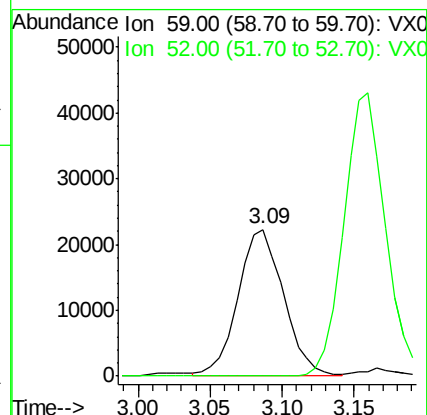
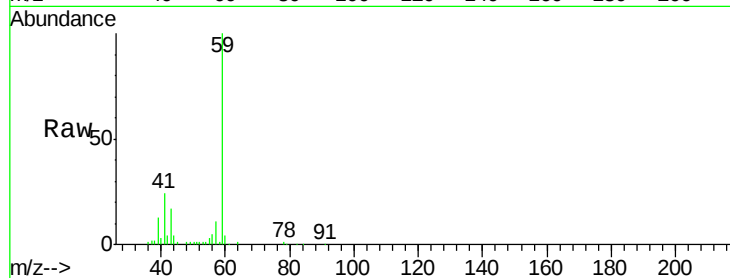
VX0504WBS01

Tgt Ion: 59 Resp: 48567

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 21.18 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001396.D

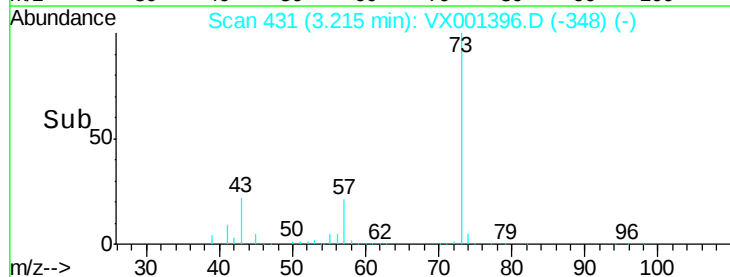
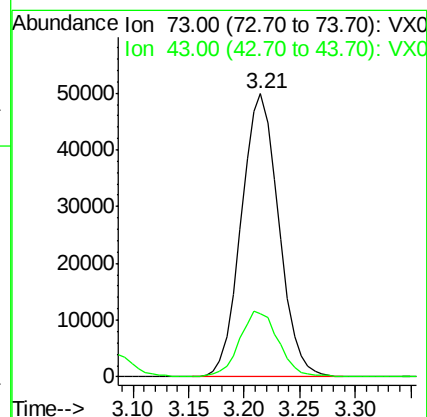
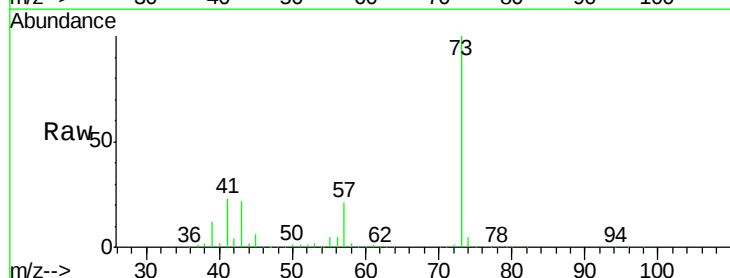
Acq: 04 May 2018 14:22

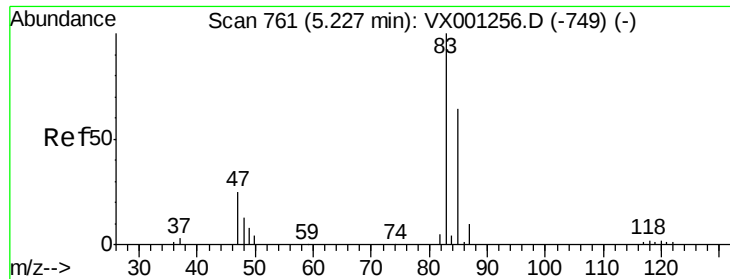
Tgt Ion: 73 Resp: 116965

Ion Ratio Lower Upper

73 100

43 23.3 16.5 24.7





#25

Chloroform

Concen: 19.03 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

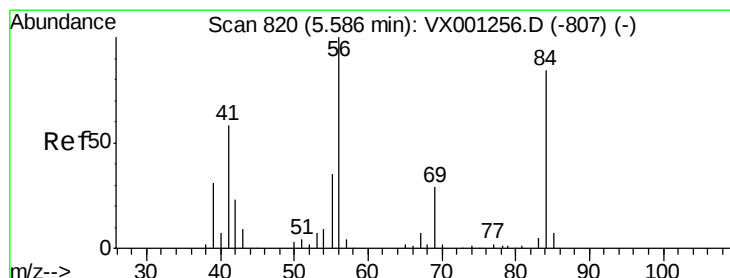
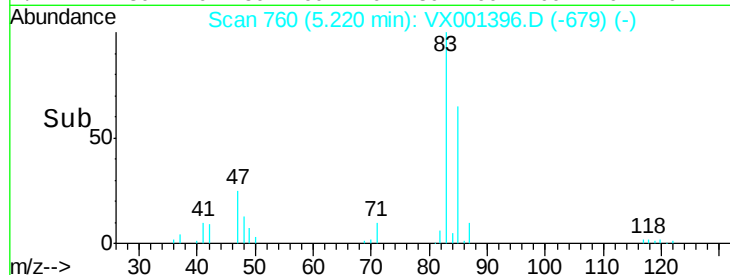
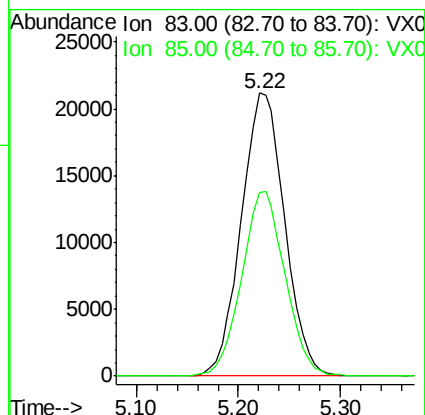
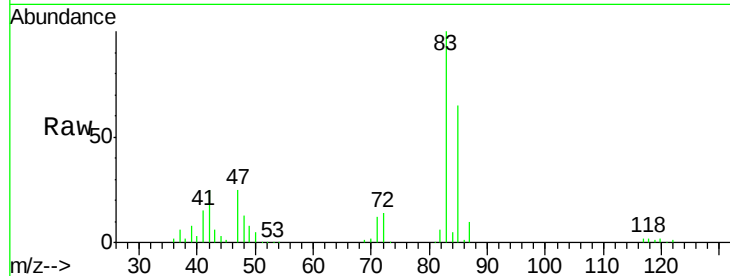
VX0504WBS01

Tgt Ion: 83 Resp: 62633

Ion Ratio Lower Upper

83 100

85 64.7 52.5 78.7



#26

Cyclohexane

Concen: 16.88 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

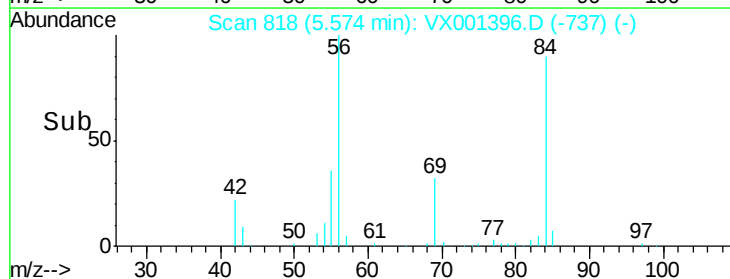
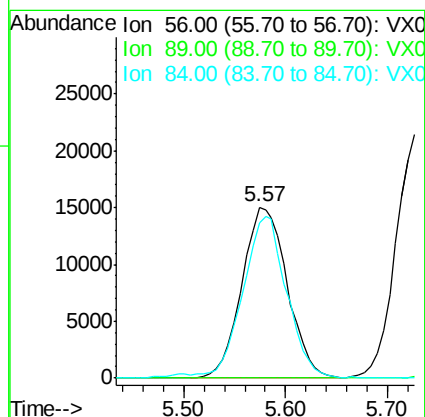
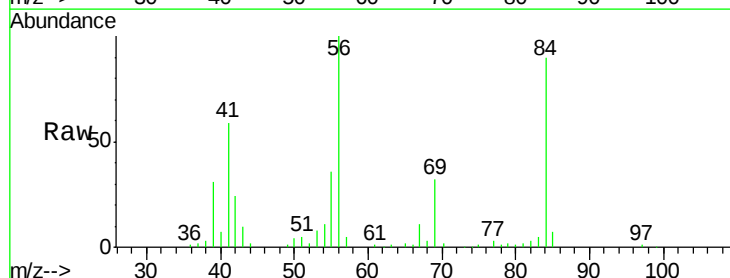
Tgt Ion: 56 Resp: 46385

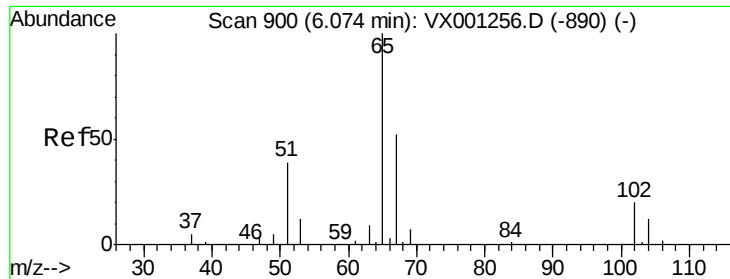
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.3 74.8 112.2

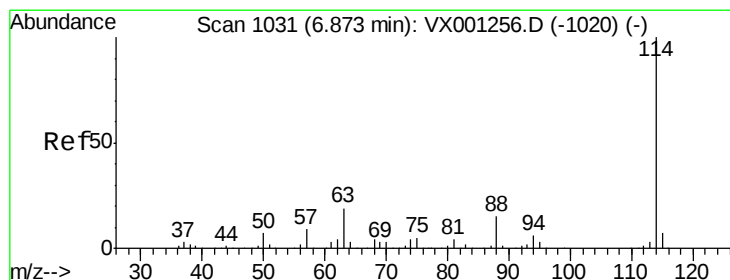
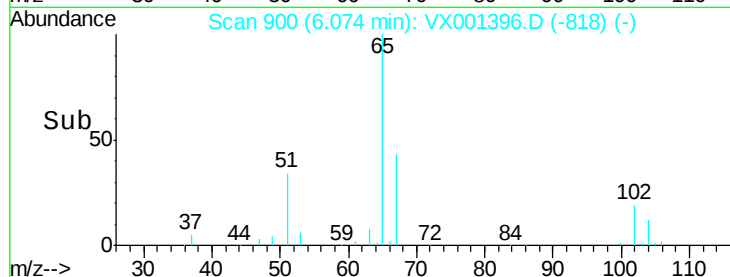
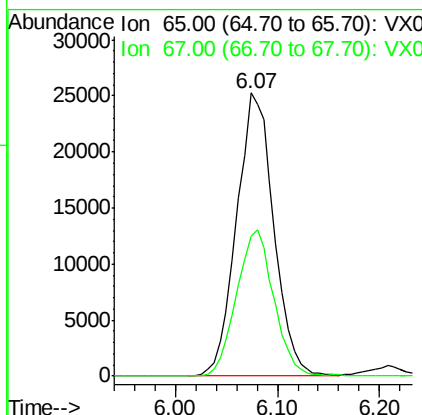
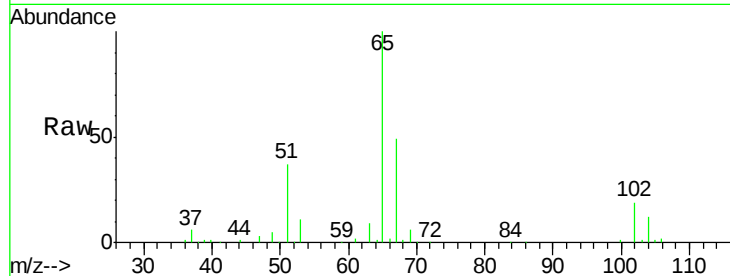




#27
 1,2-Dichloroethane-d4
 Concen: 30.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

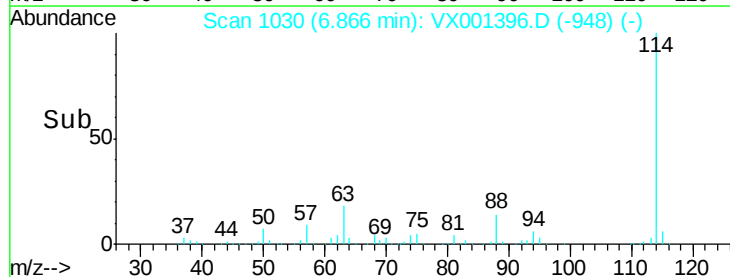
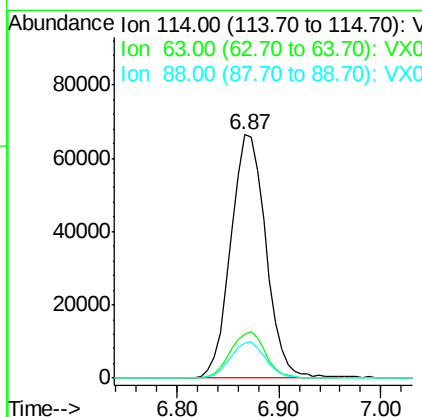
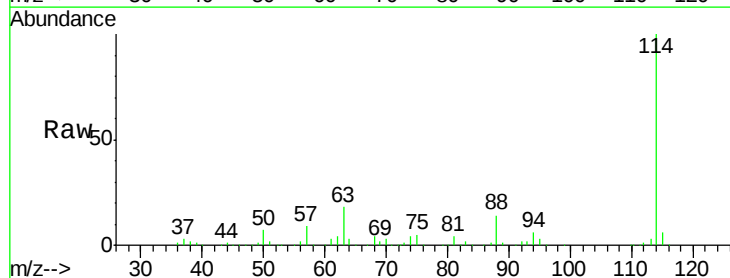
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

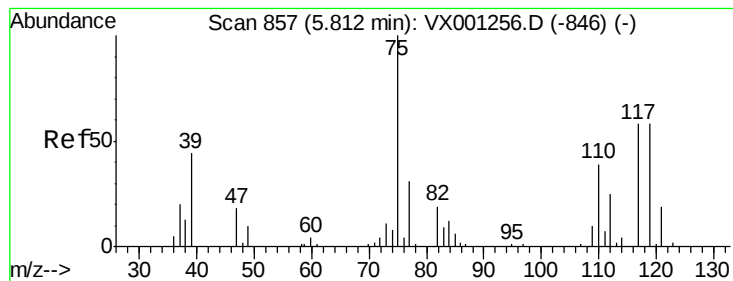
Tgt Ion: 65 Resp: 63951
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 114 Resp: 158880
 Ion Ratio Lower Upper
 114 100
 63 18.8 15.0 22.4
 88 14.6 11.8 17.8





#29

1,1-Dichloropropene

Concen: 17.85 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

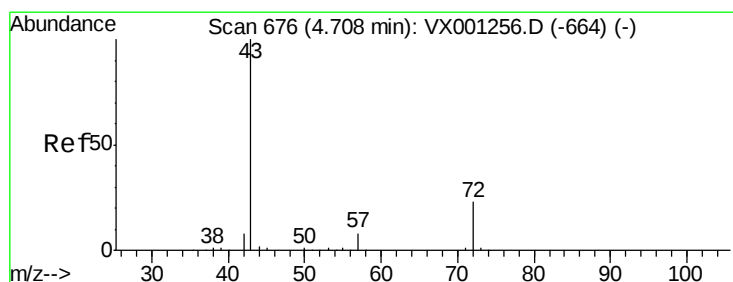
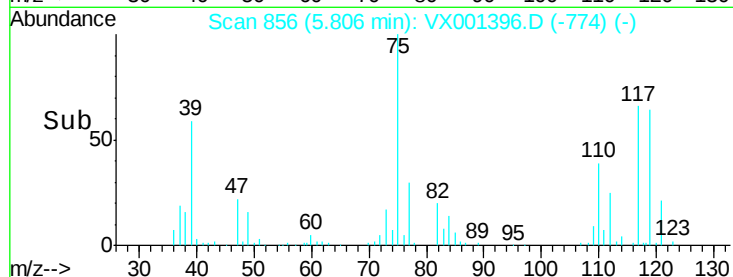
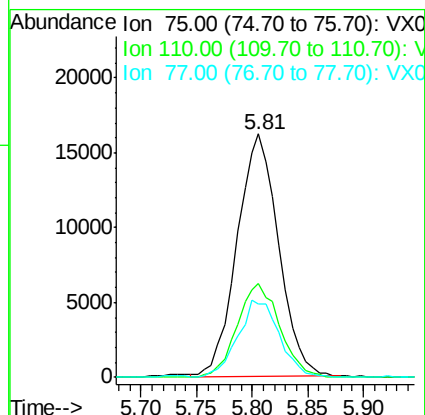
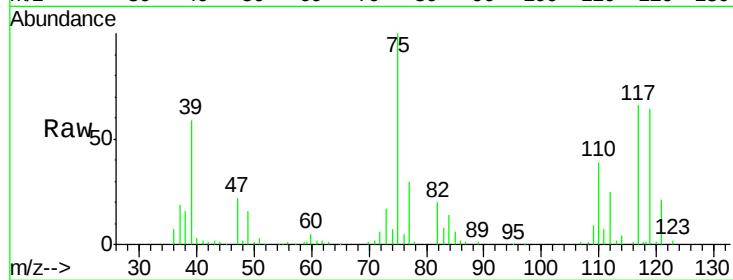
Tgt Ion: 75 Resp: 42019

Ion Ratio Lower Upper

75 100

110 39.5 0.0 75.6

77 31.8 0.0 62.6



#30

2-Butanone

Concen: 115.40 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

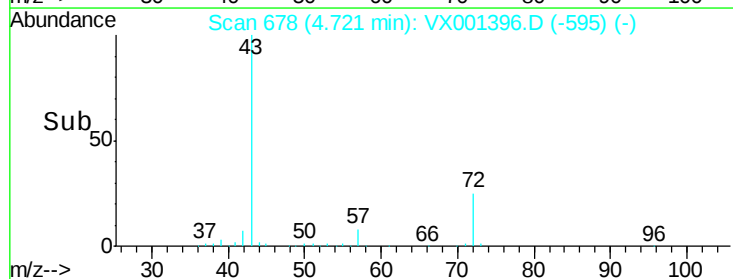
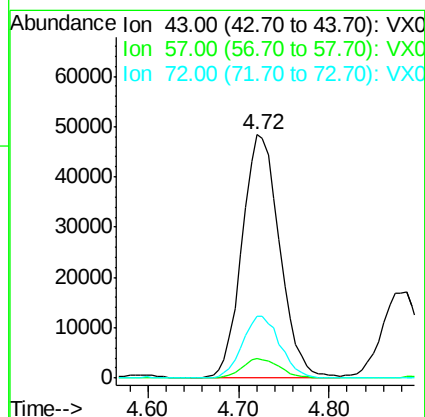
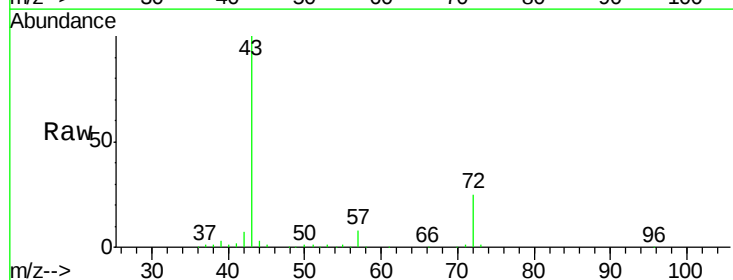
Tgt Ion: 43 Resp: 139200

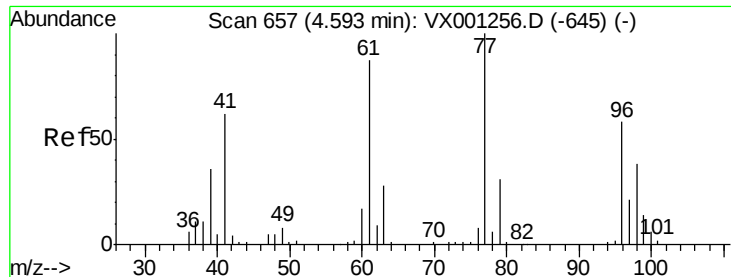
Ion Ratio Lower Upper

43 100

57 8.0 6.6 10.0

72 25.6 21.8 32.6

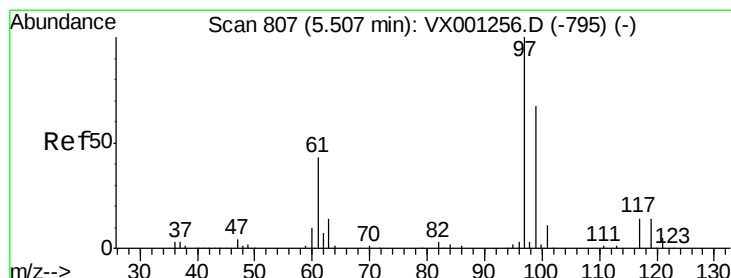
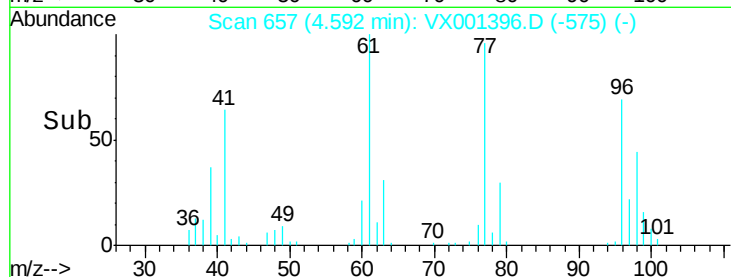
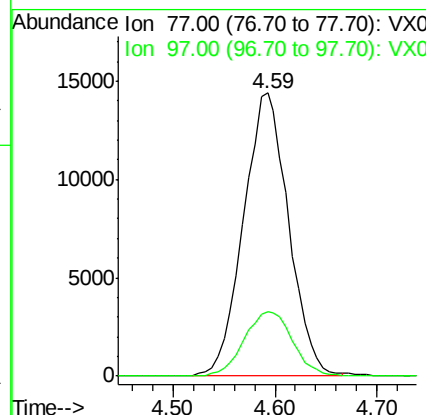
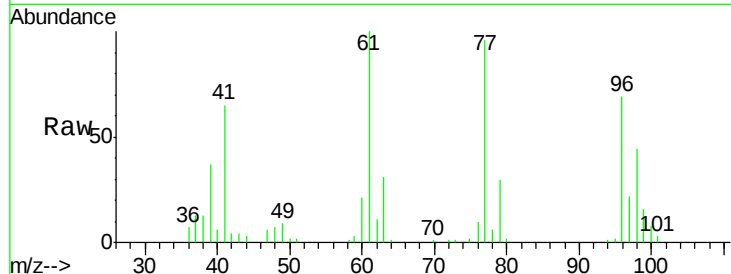




#31
 2,2-Dichloropropane
 Concen: 17.18 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

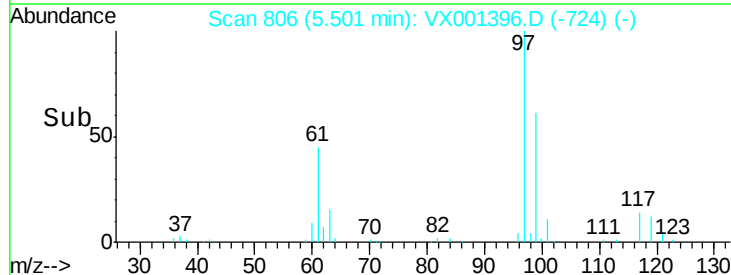
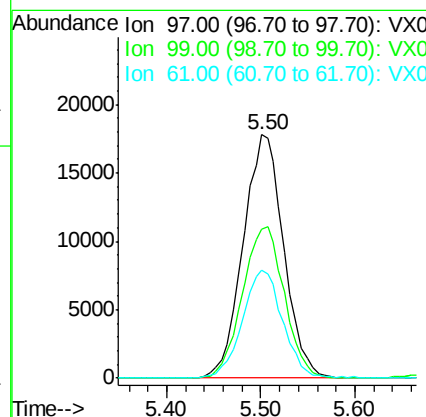
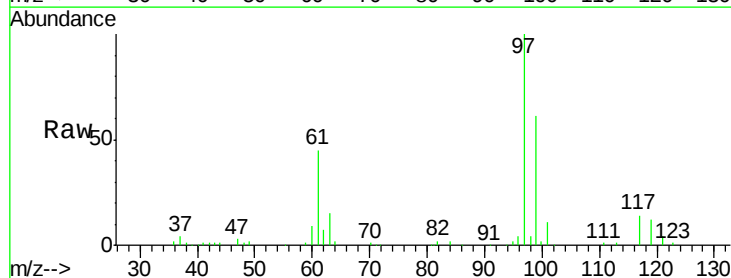
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

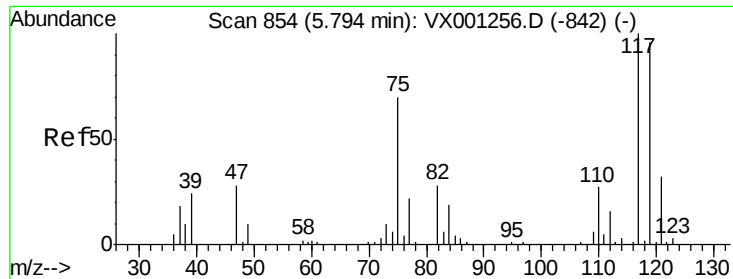
Tgt Ion: 77 Resp: 44144
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 18.82 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 97 Resp: 53598
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.3 78.5
 61 44.1 34.3 51.5

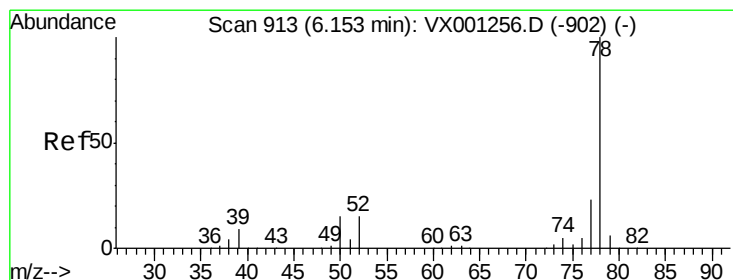
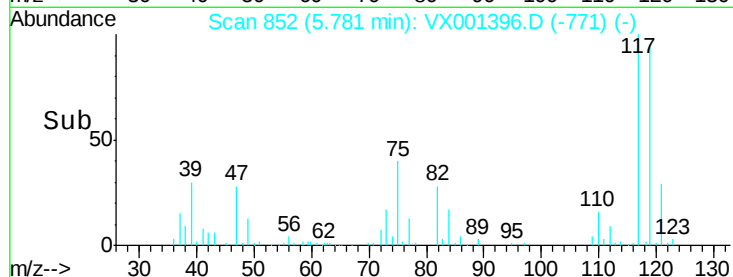
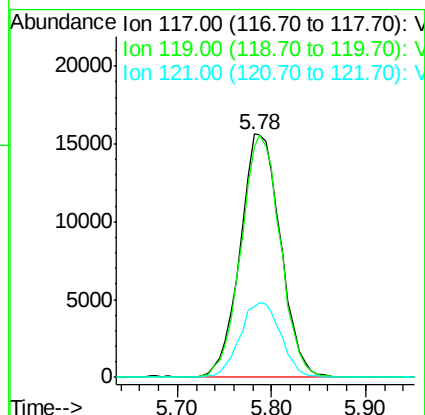
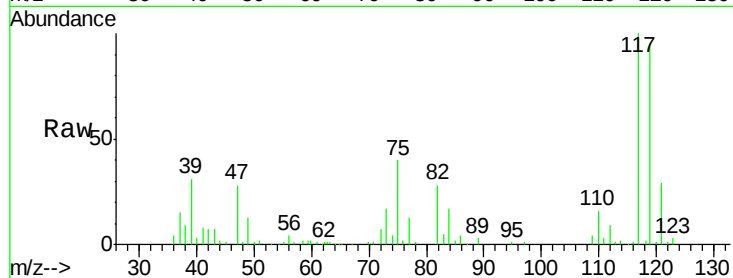




#33
Carbon Tetrachloride
Concen: 18.23 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

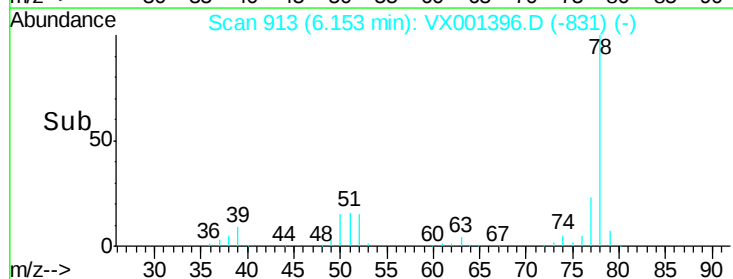
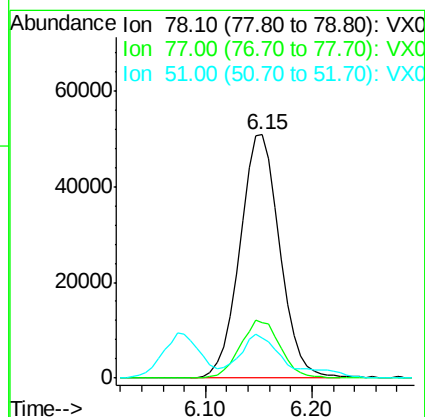
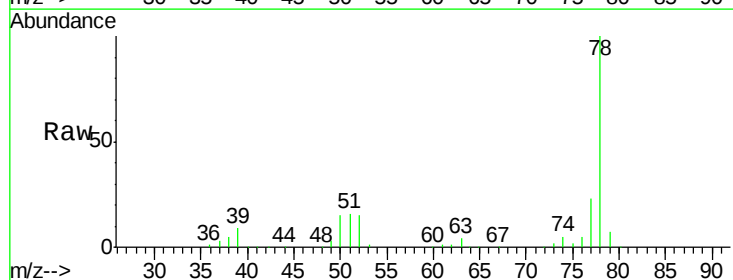
Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

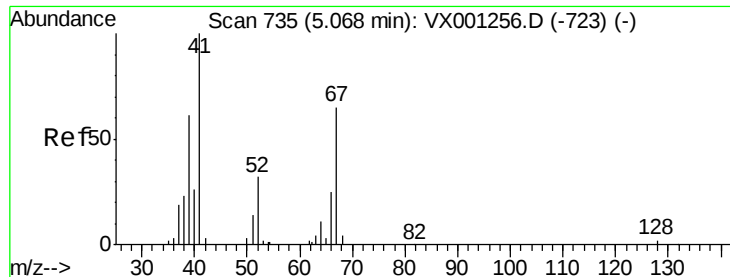
Tgt Ion:117 Resp: 46795
Ion Ratio Lower Upper
117 100
119 94.6 73.5 110.3
121 28.9 24.6 37.0



#34
Benzene
Concen: 19.17 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 78 Resp: 133717
Ion Ratio Lower Upper
78 100
77 22.6 21.7 32.5
51 14.4 14.9 22.3#

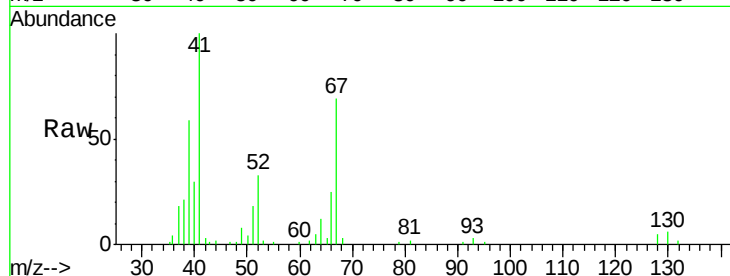




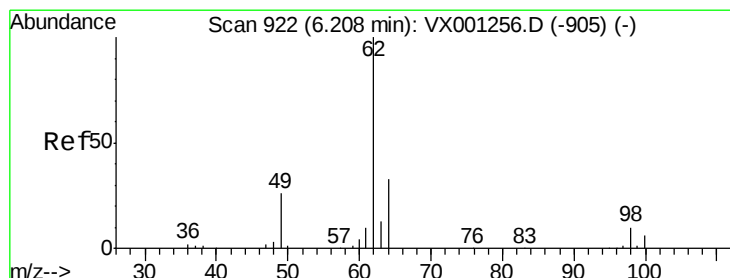
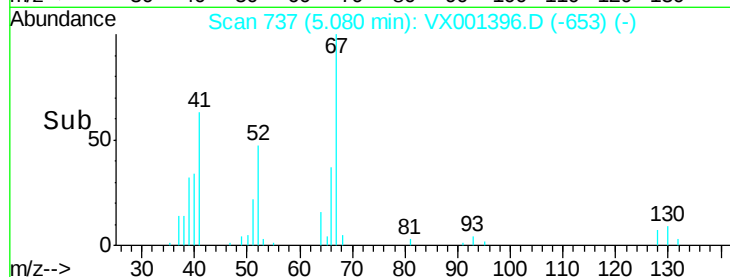
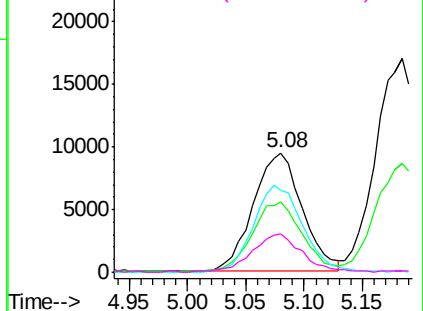
#35
Methacrylonitrile
Concen: 20.82 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tgt Ion:	41	Resp:	27872
Ion	Ratio	Lower	Upper
41	100		
39	58.5	29.8	89.3
67	69.6	28.7	86.3
52	32.8	14.0	41.9

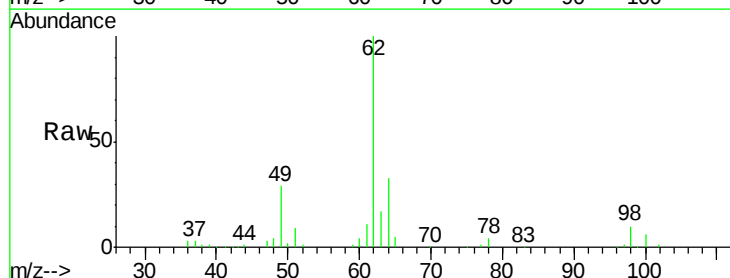


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

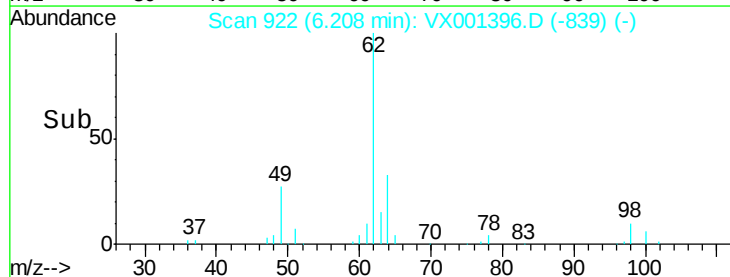
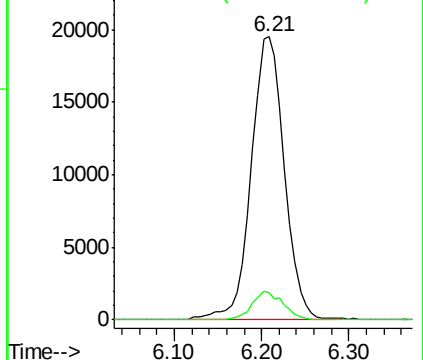


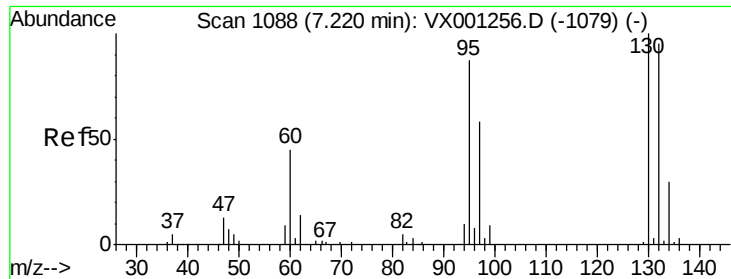
#36
1,2-Dichloroethane
Concen: 19.28 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion:	62	Resp:	51602
Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

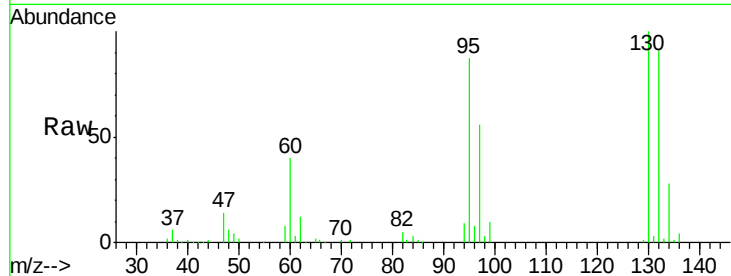




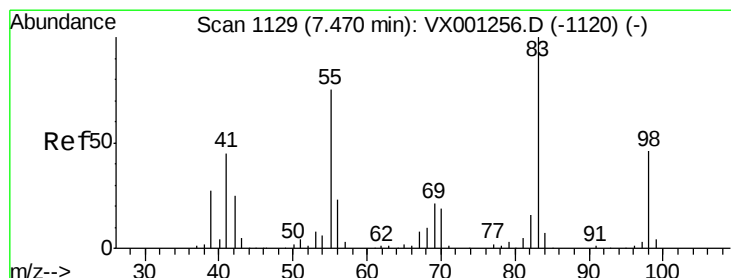
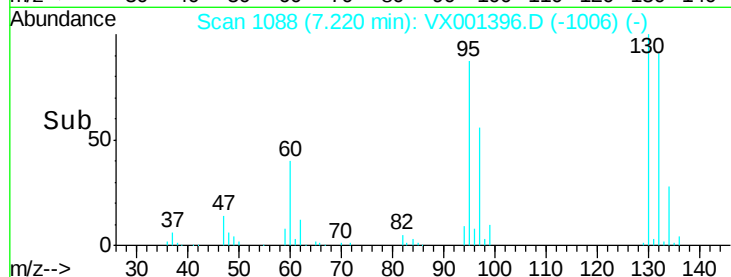
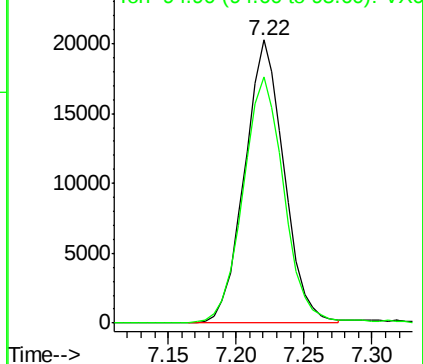
#37
 Trichloroethene
 Concen: 19.46 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tgt Ion:130 Resp: 41153
 Ion Ratio Lower Upper
 130 100
 95 87.2 74.6 112.0

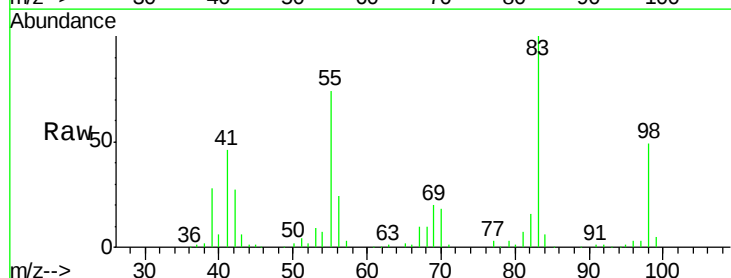


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

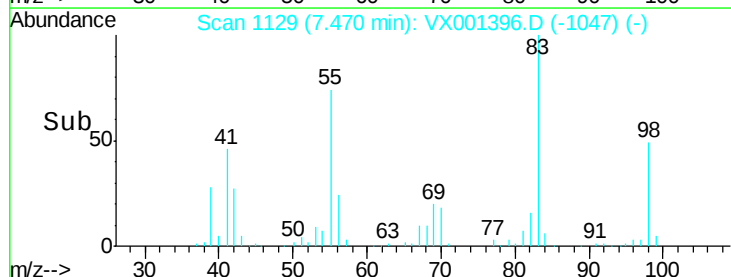
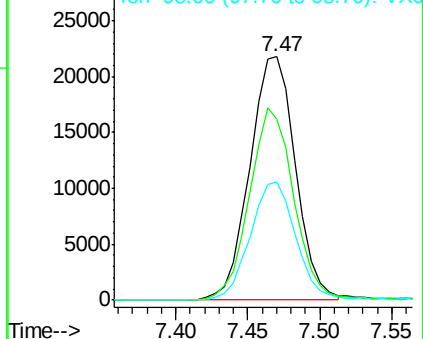


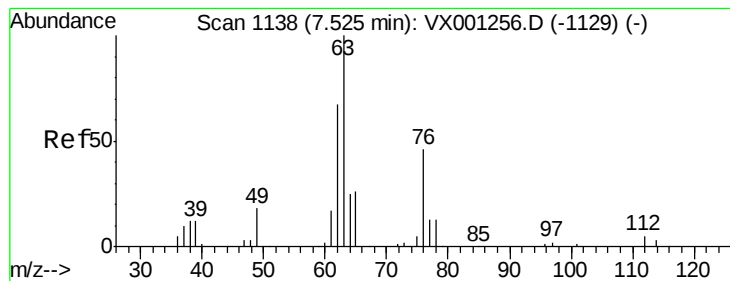
#38
 Methylcyclohexane
 Concen: 17.24 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 83 Resp: 47761
 Ion Ratio Lower Upper
 83 100
 55 77.2 35.9 107.7
 98 48.4 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: 19.16 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

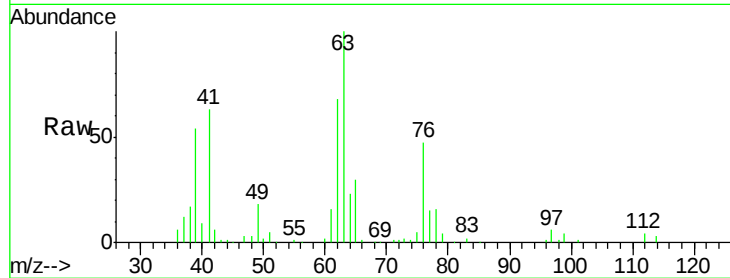
VX0504WBS01

Tgt Ion: 63 Resp: 33898

Ion Ratio Lower Upper

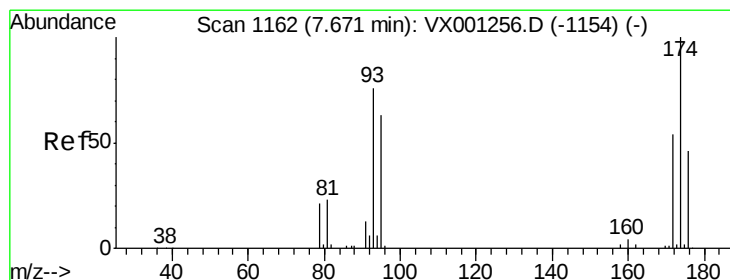
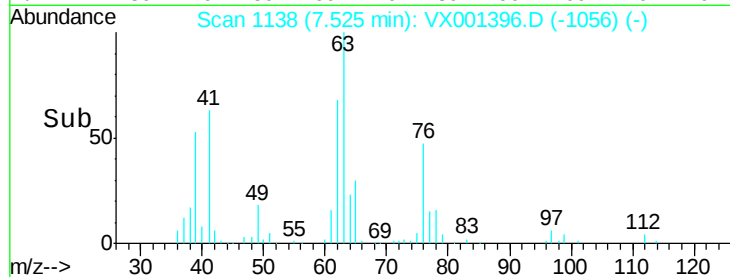
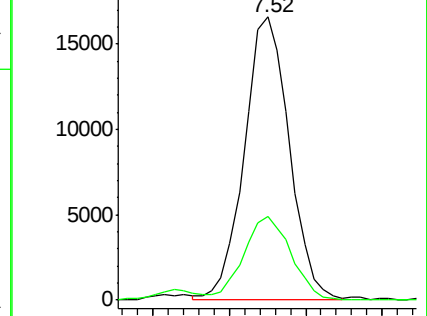
63 100

65 29.6 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: 19.92 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

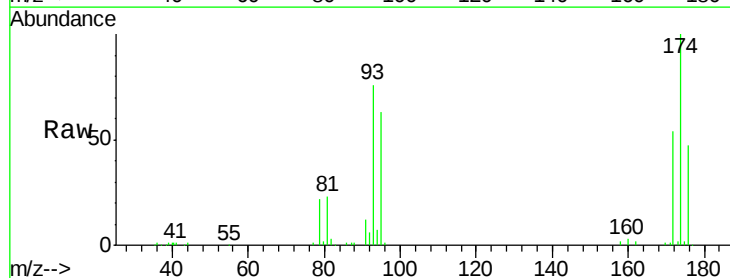
Tgt Ion: 93 Resp: 24788

Ion Ratio Lower Upper

93 100

95 83.2 0.0 170.6

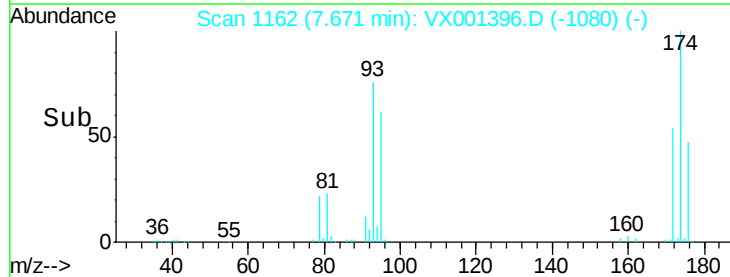
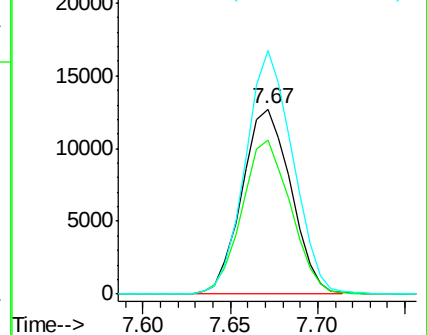
174 127.3 0.0 210.4

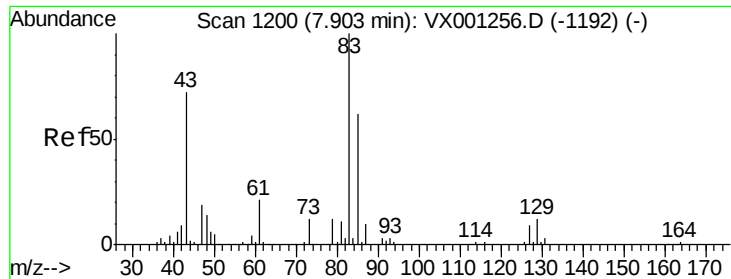


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.21 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

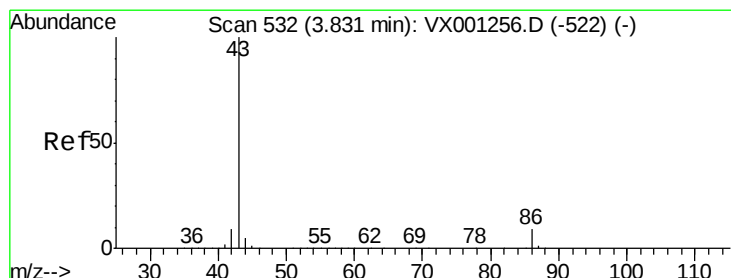
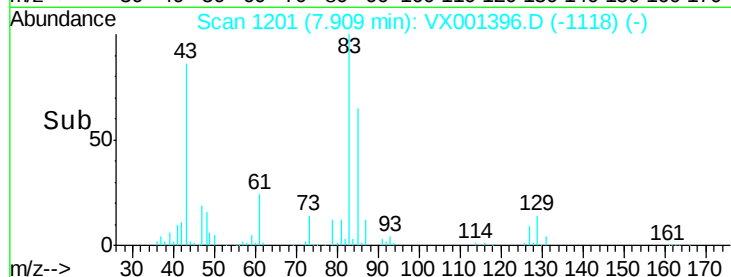
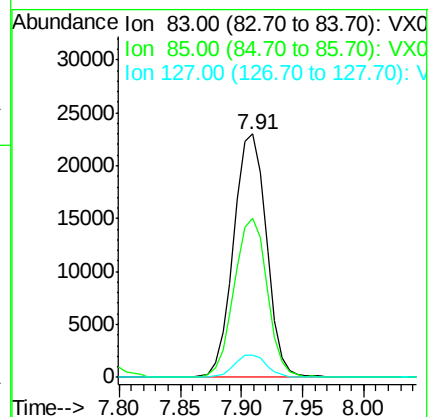
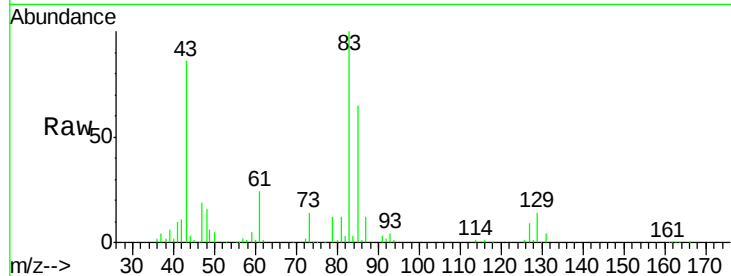
Tgt Ion: 83 Resp: 42815

Ion Ratio Lower Upper

83 100

85 65.4 50.0 75.0

127 8.9 6.6 10.0



#42

Vinyl Acetate

Concen: 106.70 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001396.D

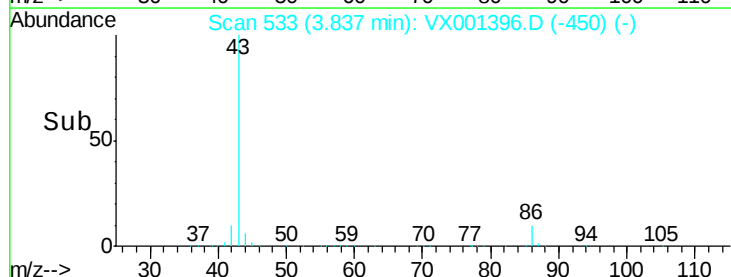
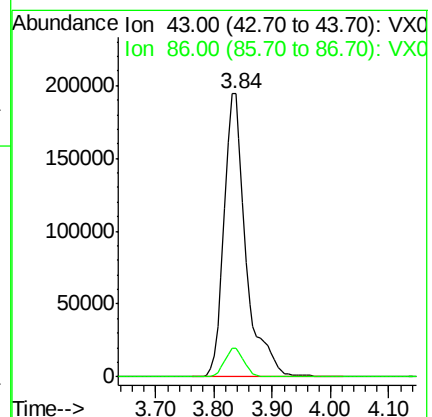
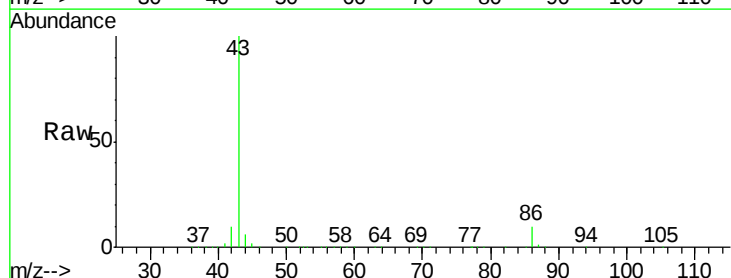
Acq: 04 May 2018 14:22

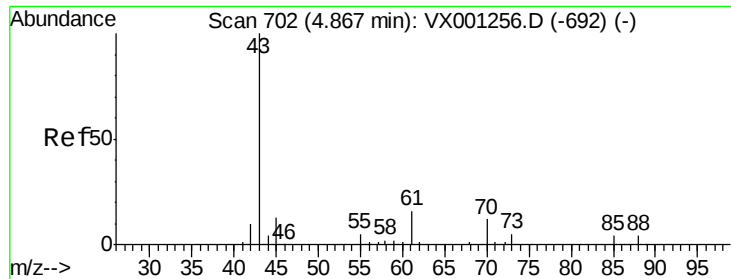
Tgt Ion: 43 Resp: 506280

Ion Ratio Lower Upper

43 100

86 9.0 7.8 11.6





#43

Ethyl Acetate

Concen: 22.15 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.02 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

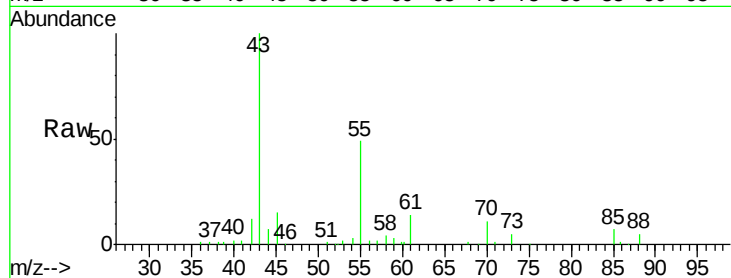
VX0504WBS01

Tgt Ion: 43 Resp: 51442

Ion Ratio Lower Upper

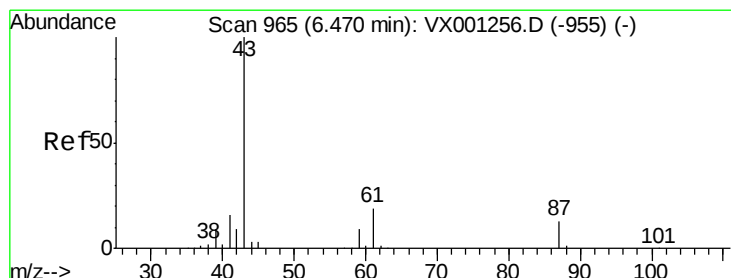
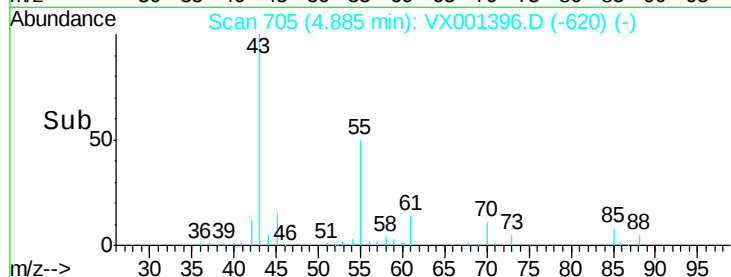
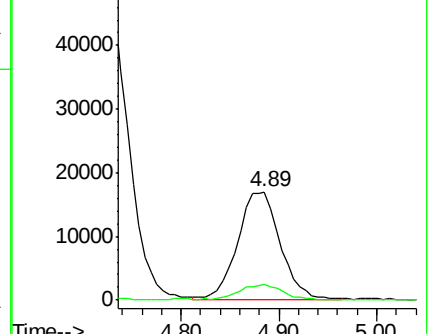
43 100

45 15.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.65 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001396.D

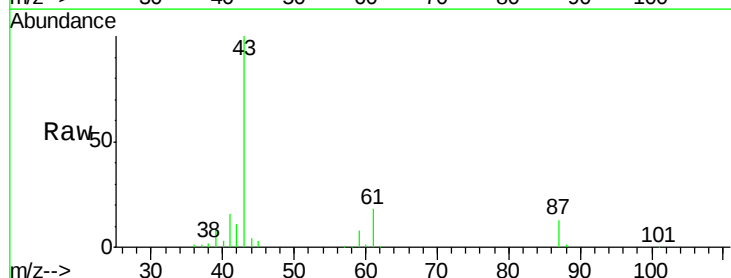
Acq: 04 May 2018 14:22

Tgt Ion: 43 Resp: 77686

Ion Ratio Lower Upper

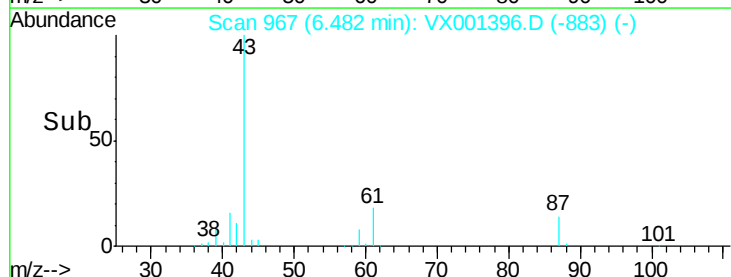
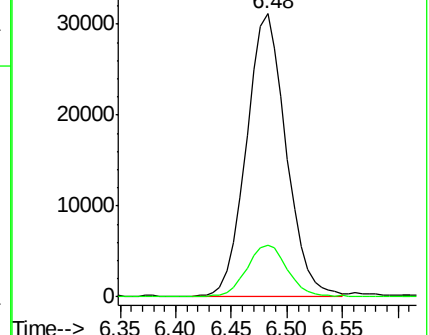
43 100

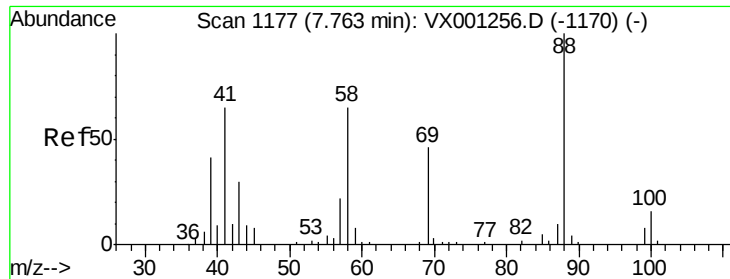
61 18.7 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

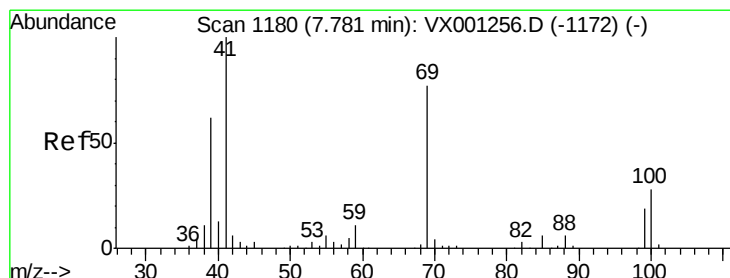
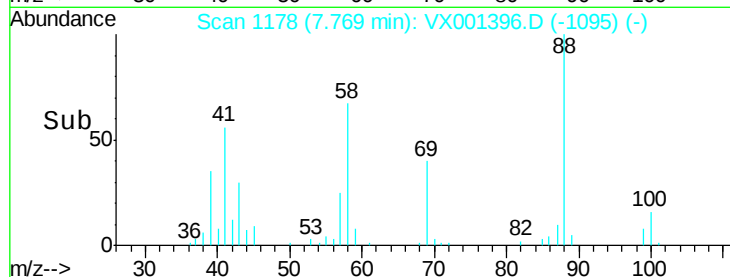
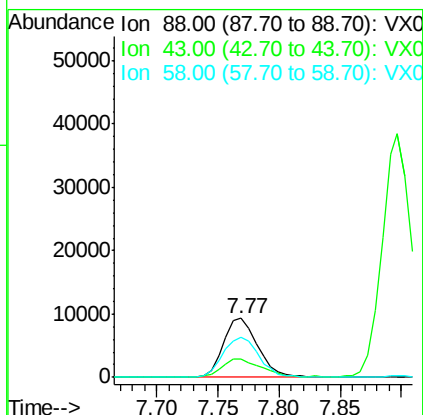
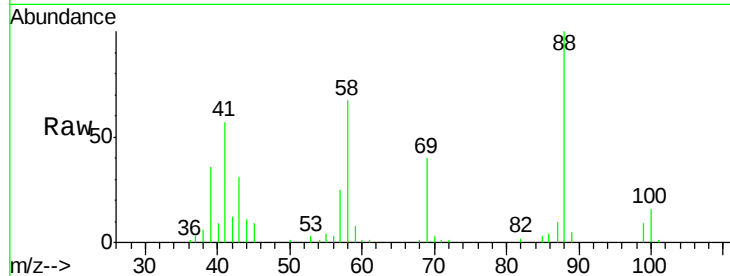




#45
 1,4-Dioxane
 Concen: 506.86 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

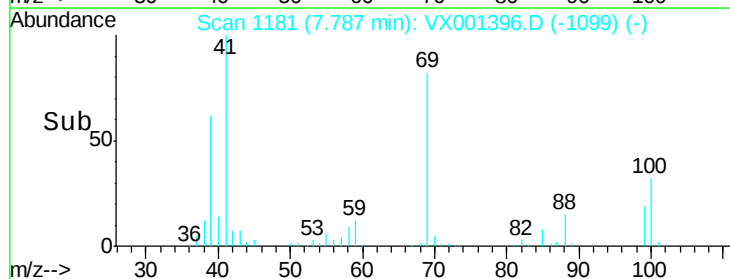
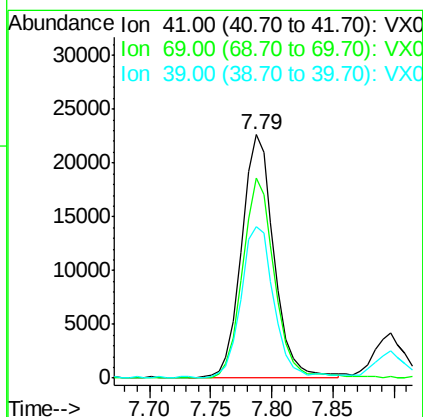
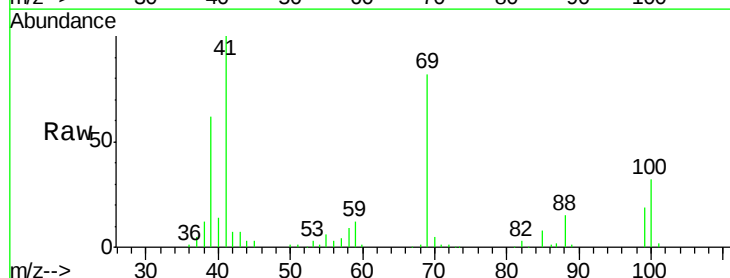
Instrument :
 MSVOA_X
 ClientSampled :
 VX0504WBS01

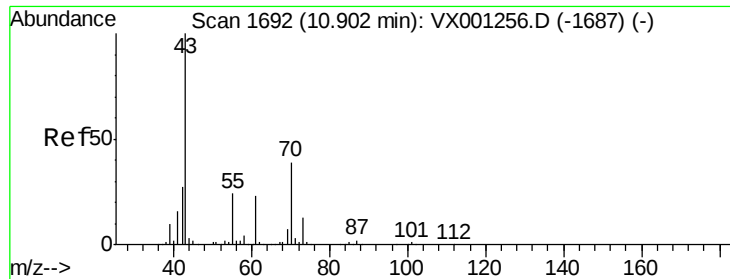
Tgt Ion: 88 Resp: 18210
 Ion Ratio Lower Upper
 88 100
 43 36.4 26.8 40.2
 58 71.1 52.1 78.1



#46
 Methyl methacrylate
 Concen: 20.29 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 41 Resp: 41728
 Ion Ratio Lower Upper
 41 100
 69 82.4 45.5 136.5
 39 61.6 32.5 97.5

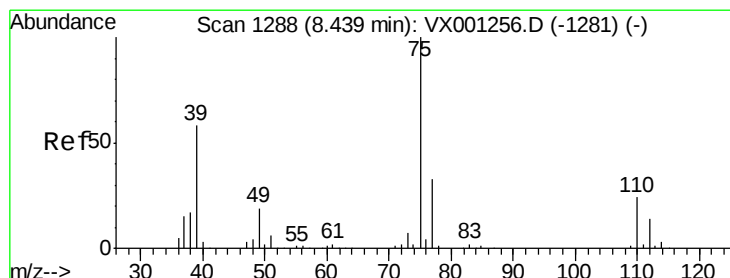
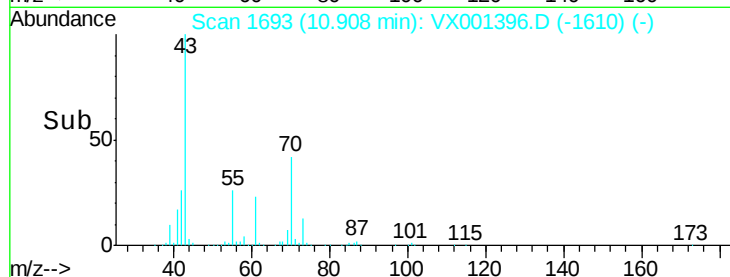
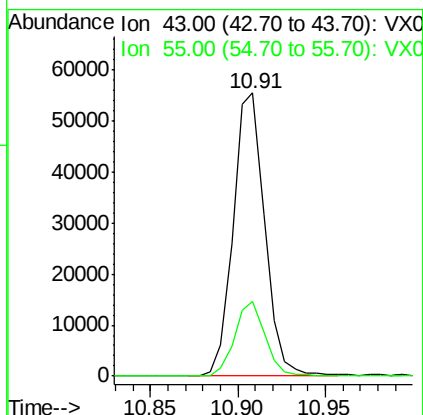
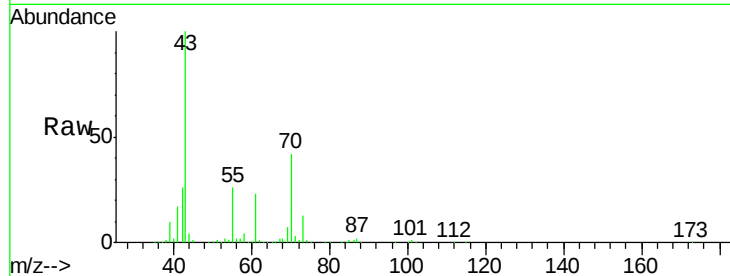




#47
n-amy1 Acetate
Concen: 18.31 ug/l
RT: 10.91 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

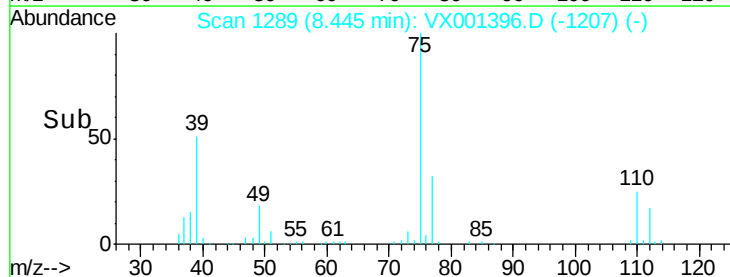
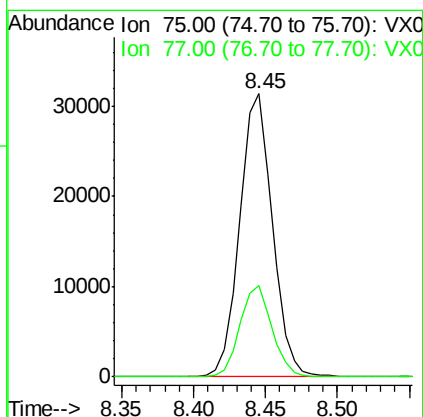
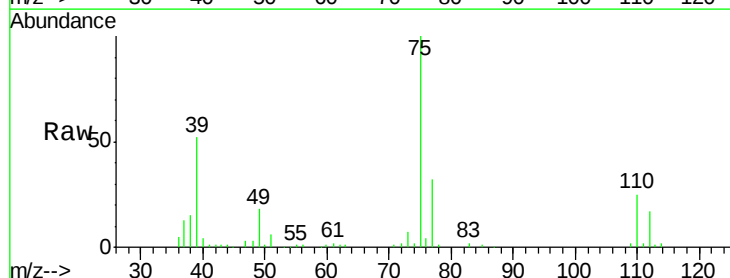
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

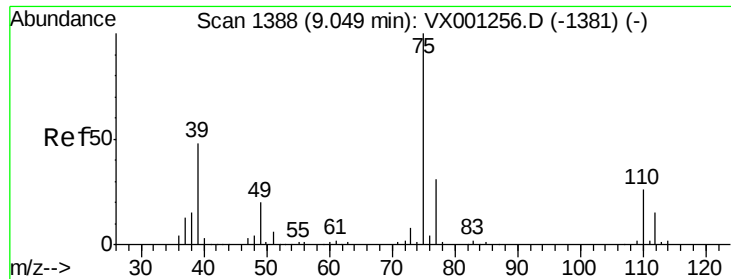
Tgt Ion: 43 Resp: 69443
Ion Ratio Lower Upper
43 100
55 25.1 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 17.84 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 75 Resp: 49374
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

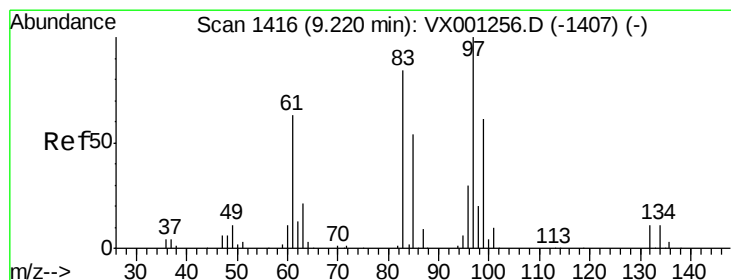
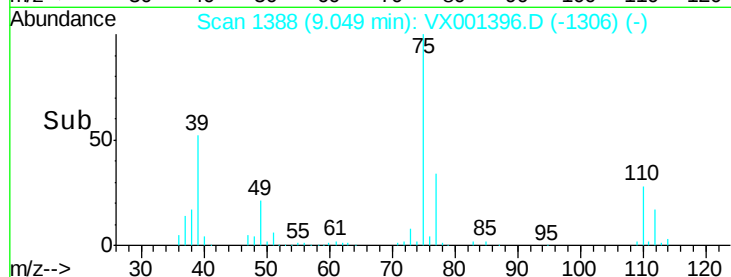
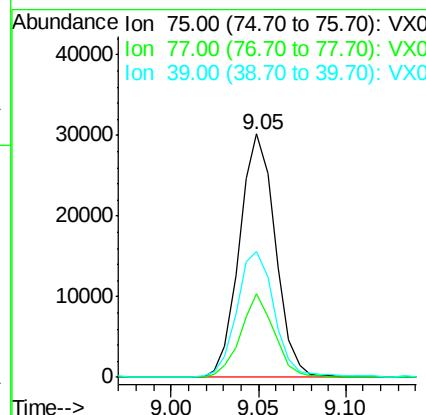
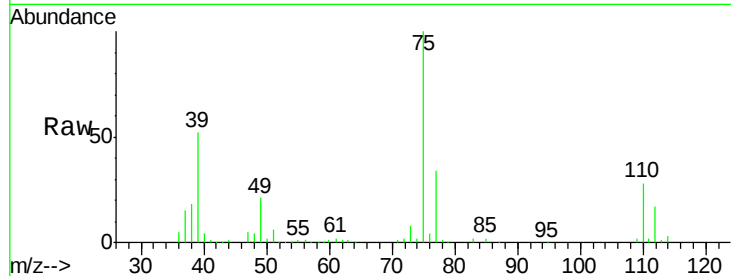




#49
 cis-1,3-Dichloropropene
 Concen: 16.30 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

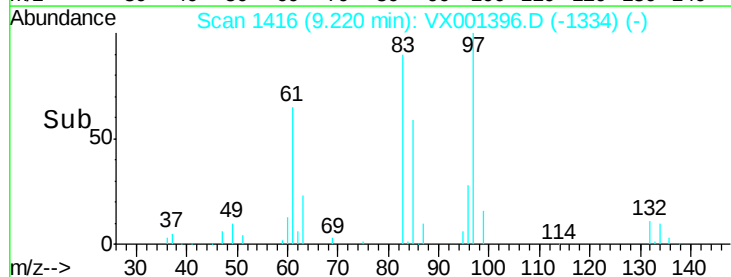
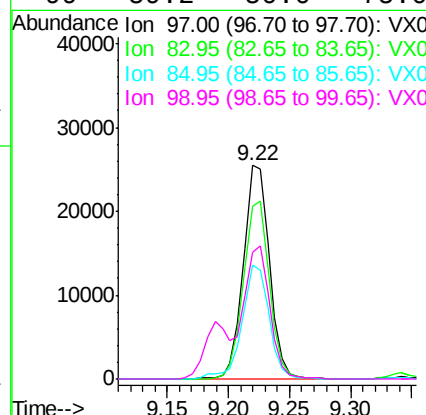
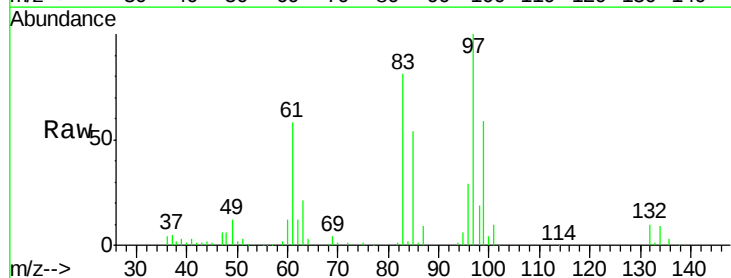
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

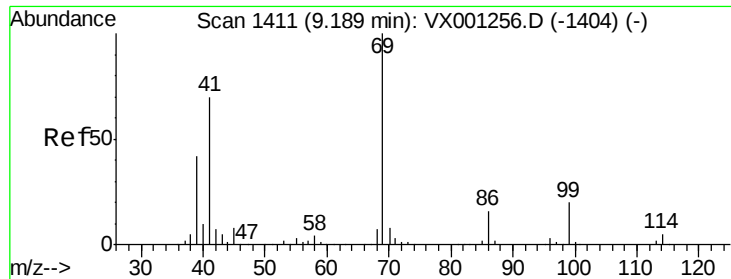
Tgt Ion: 75 Resp: 43219
 Ion Ratio Lower Upper
 75 100
 77 34.3 24.5 36.7
 39 51.6 35.6 53.4



#50
 1,1,2-Trichloroethane
 Concen: 20.37 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 97 Resp: 37646
 Ion Ratio Lower Upper
 97 100
 83 81.1 66.9 100.3
 85 53.5 44.4 66.6
 99 59.2 50.0 75.0

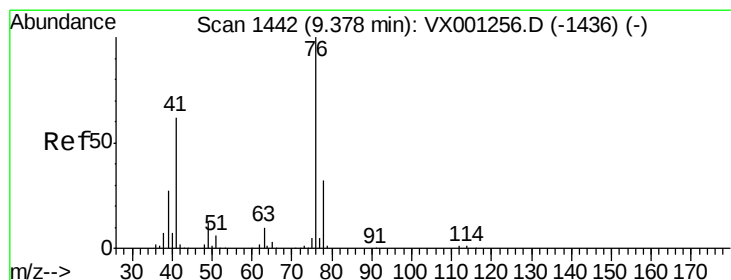
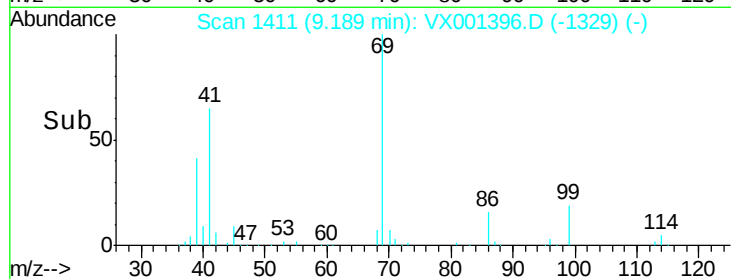
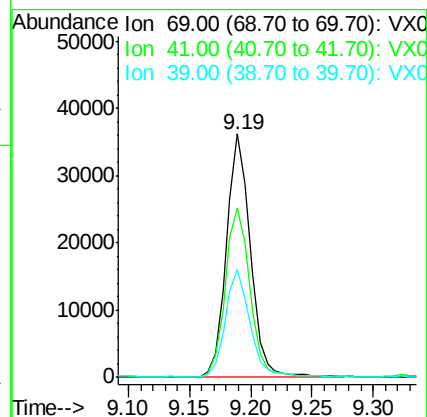
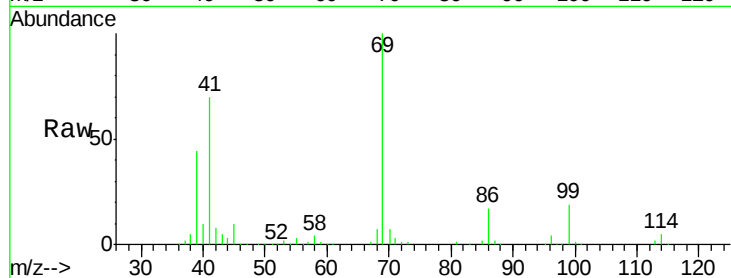




#51
Ethyl methacrylate
Concen: 18.85 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

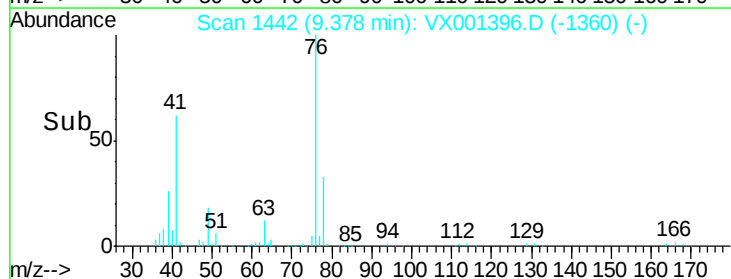
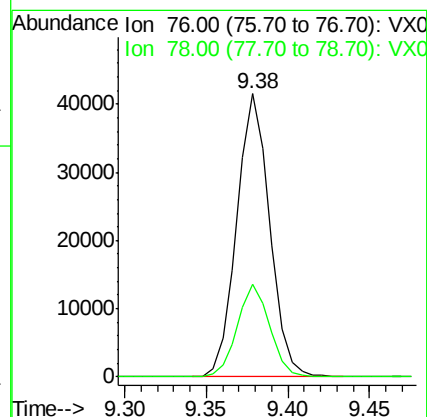
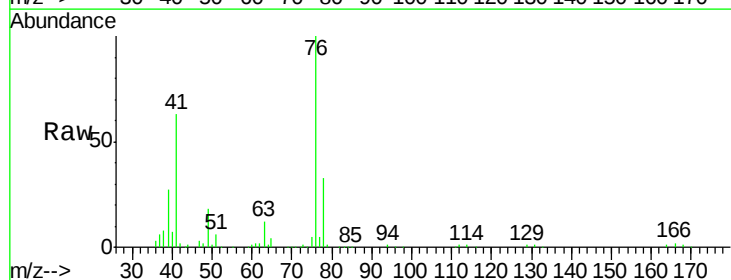
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

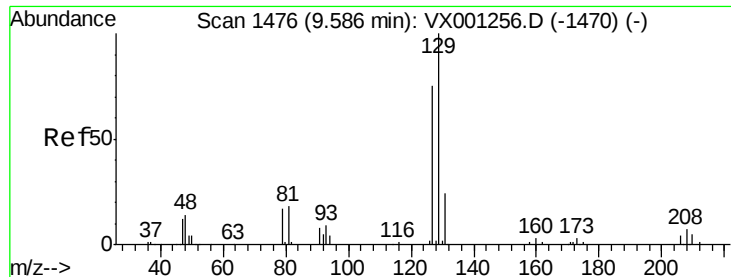
Tgt Ion: 69 Resp: 49625
Ion Ratio Lower Upper
69 100
41 69.5 32.1 96.3
39 44.1 19.6 58.7



#52
1,3-Dichloropropane
Concen: 19.57 ug/l
RT: 9.38 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 76 Resp: 58453
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.0

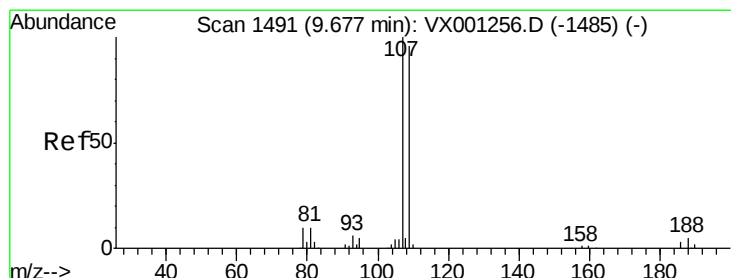
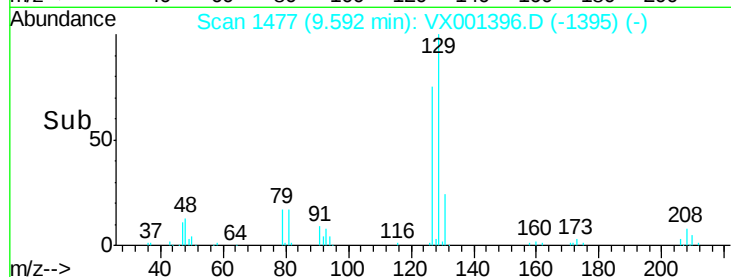
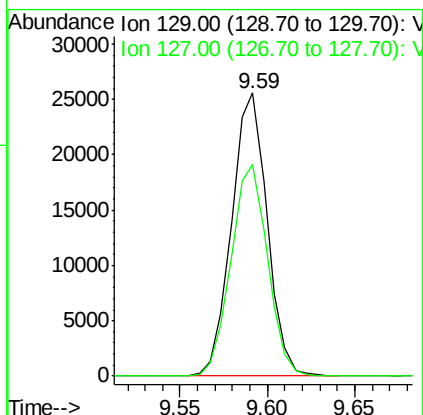
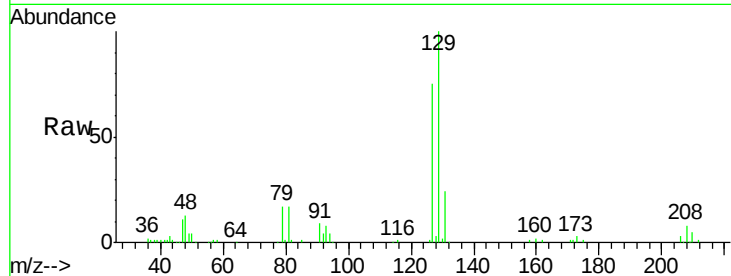




#53
 Dibromochloromethane
 Concen: 17.72 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

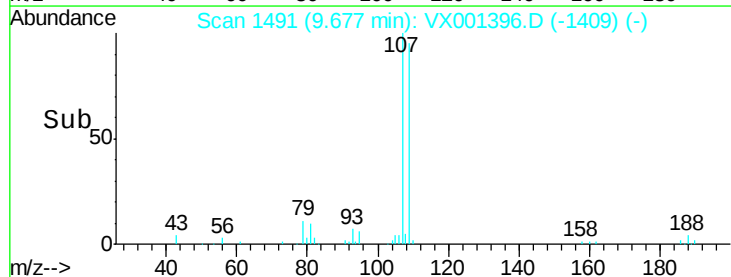
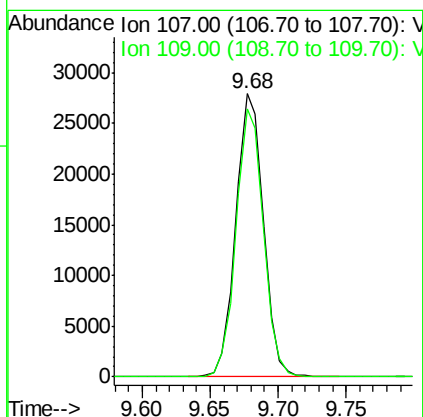
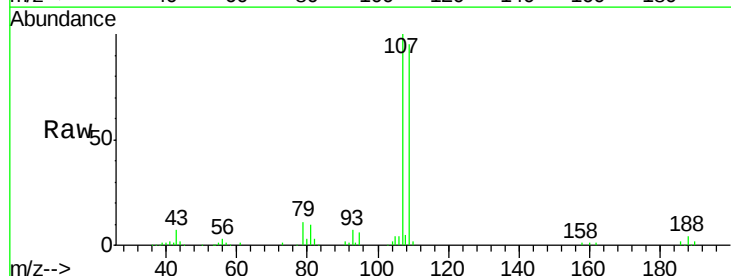
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

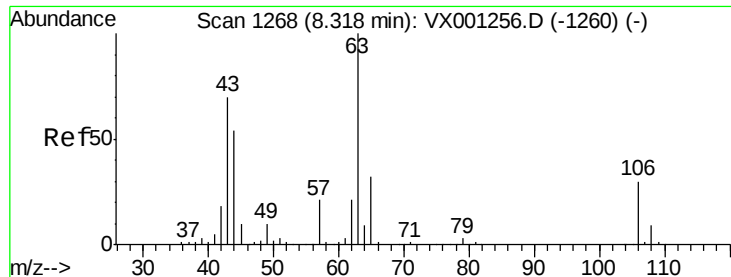
Tgt Ion:129 Resp: 36151
 Ion Ratio Lower Upper
 129 100
 127 76.8 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 19.94 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion:107 Resp: 39447
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.5 111.7

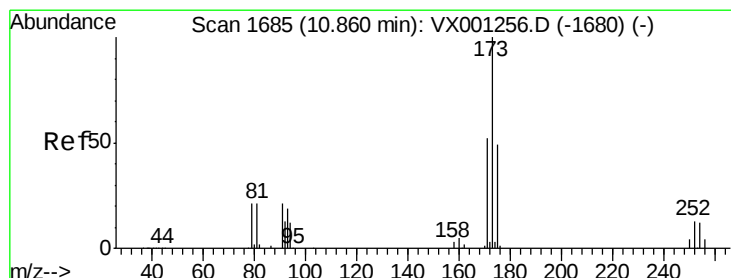
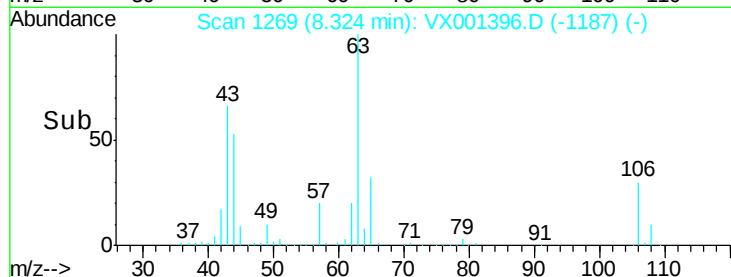
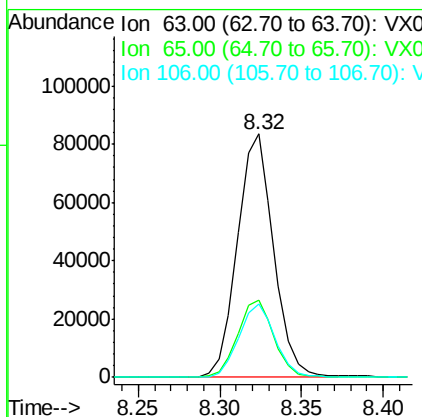
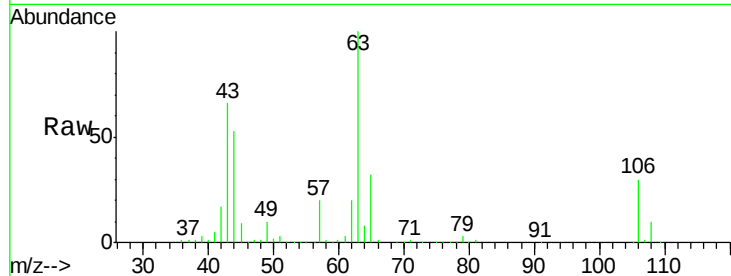




#55
 2-Chloroethyl vinyl ether
 Concen: 100.14 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

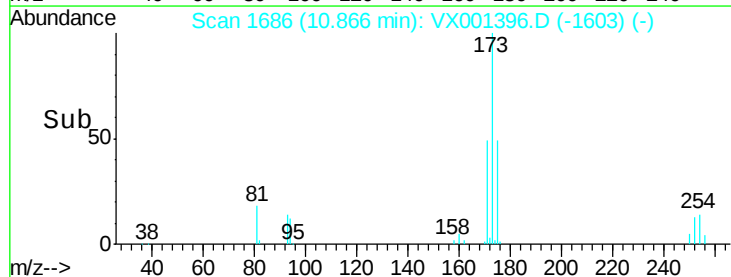
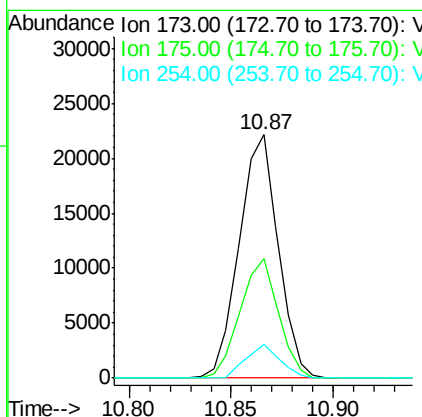
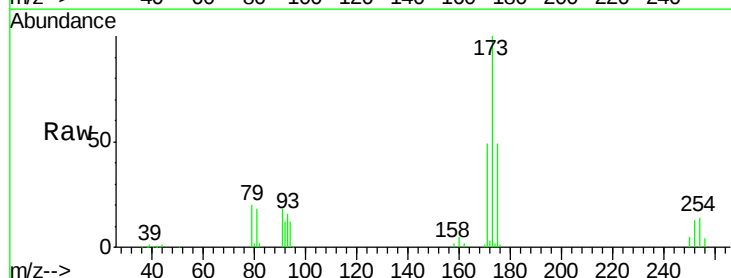
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

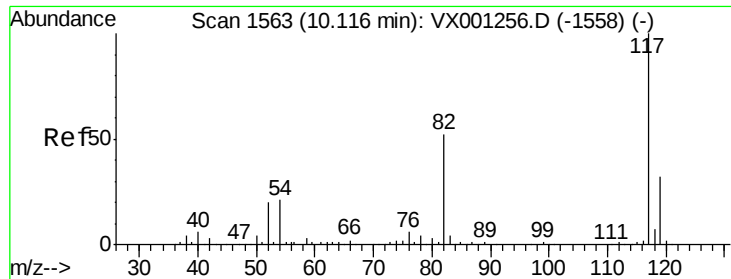
Tgt Ion: 63 Resp: 129179
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.8 38.8
 106 30.3 23.8 35.6



#56
 Bromoform
 Concen: 17.65 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 173 Resp: 29465
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.0 58.4
 254 12.1 7.0 10.4#

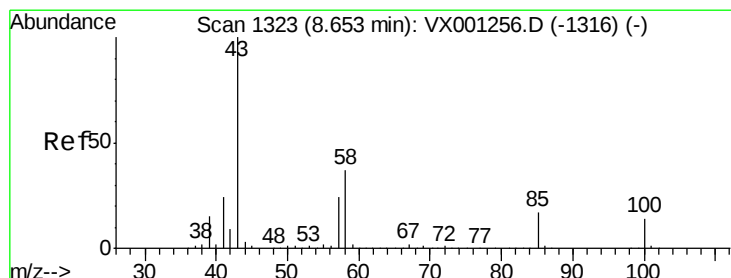
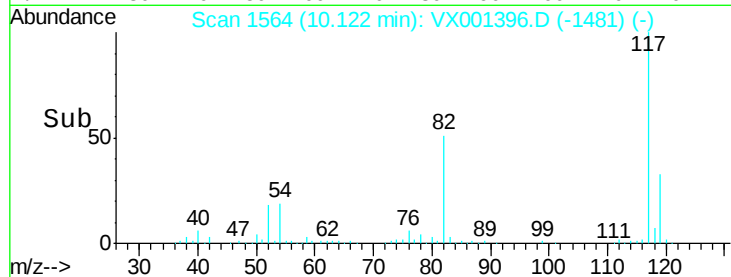
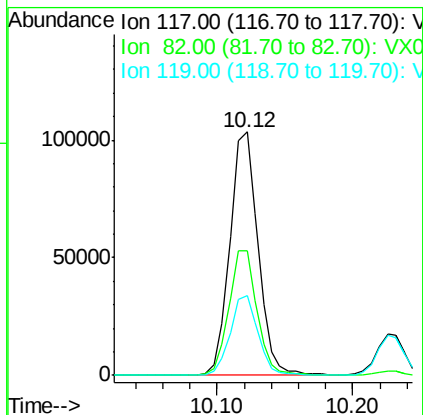
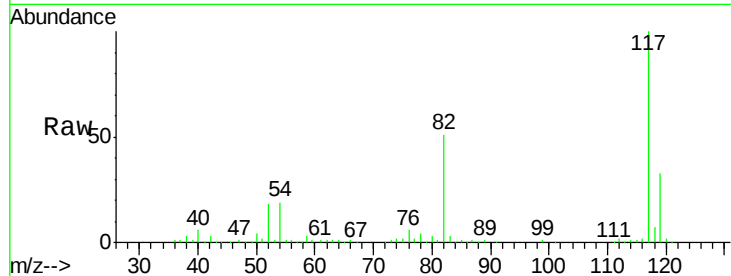




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

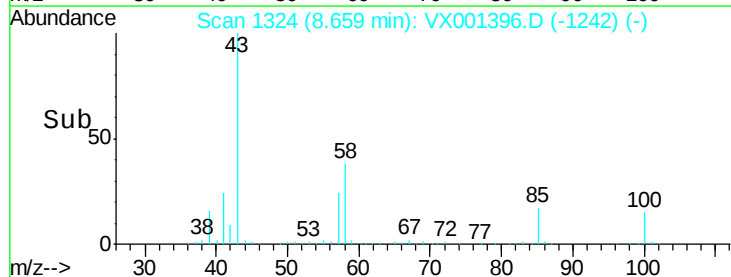
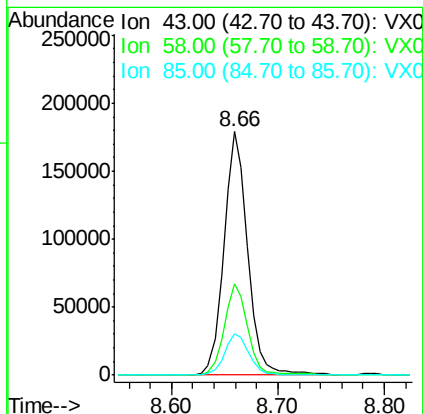
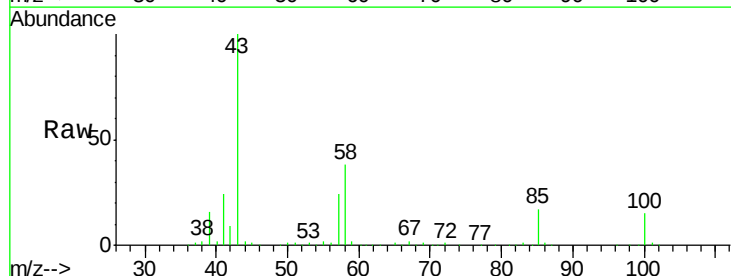
Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

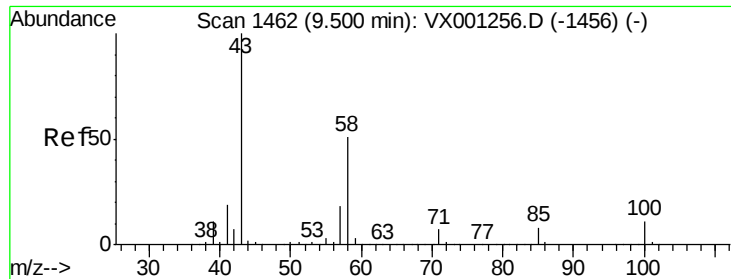
Tgt Ion: 117 Resp: 149507
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.3 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 112.40 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 43 Resp: 278922
Ion Ratio Lower Upper
43 100
58 36.7 29.8 44.8
85 17.5 14.9 22.3

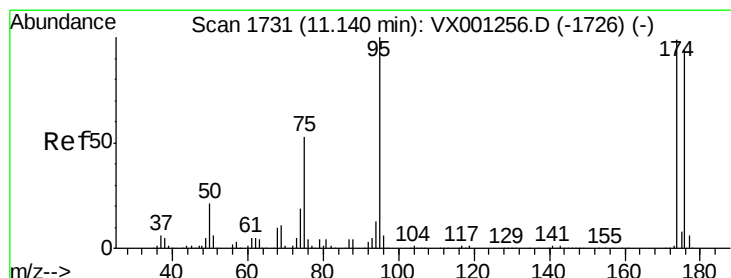
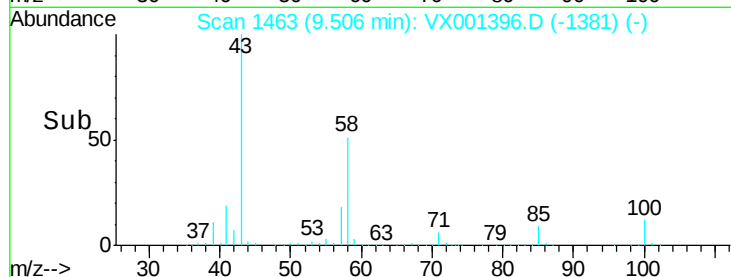
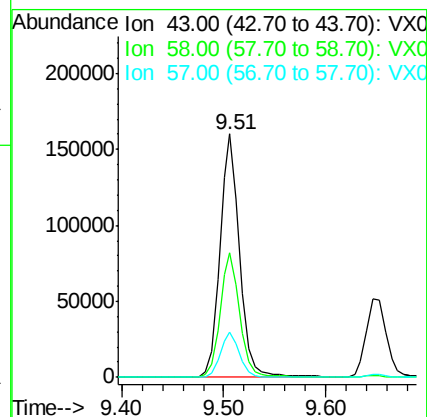
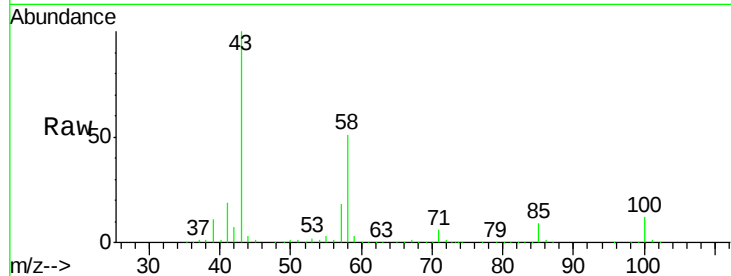




#59
2-Hexanone
Concen: 112.07 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

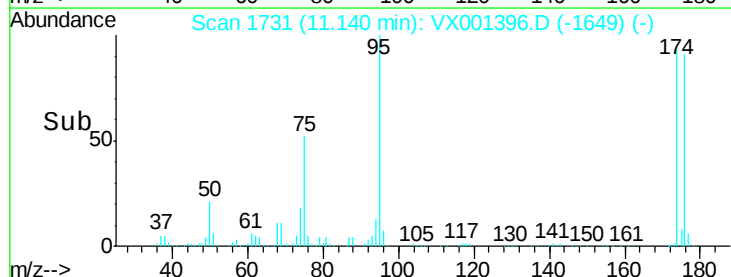
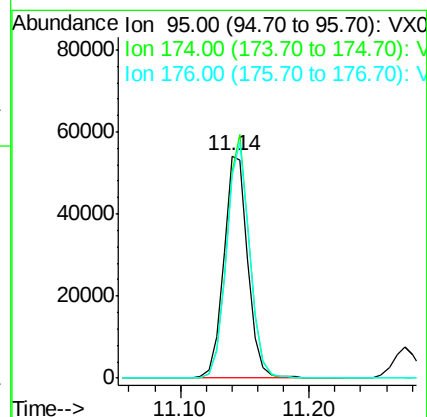
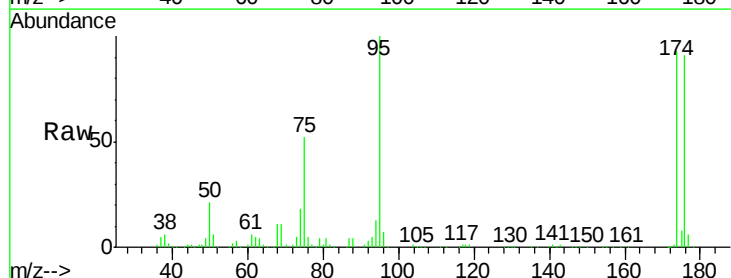
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

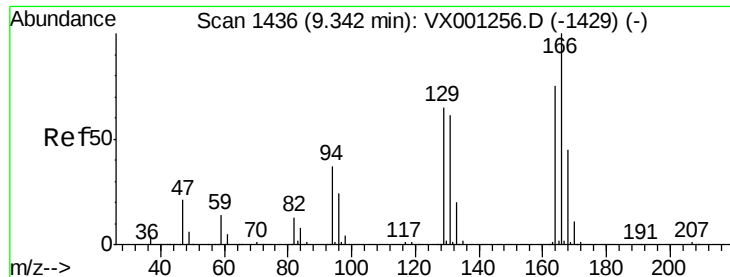
Tgt Ion: 43 Resp: 216679
Ion Ratio Lower Upper
43 100
58 50.9 43.0 64.6
57 18.0 14.4 21.6



#60
4-Bromofluorobenzene
Concen: 28.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 95 Resp: 70971
Ion Ratio Lower Upper
95 100
174 104.0 71.1 106.7
176 101.5 69.3 103.9

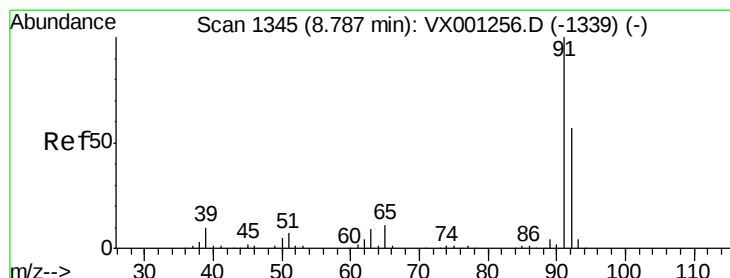
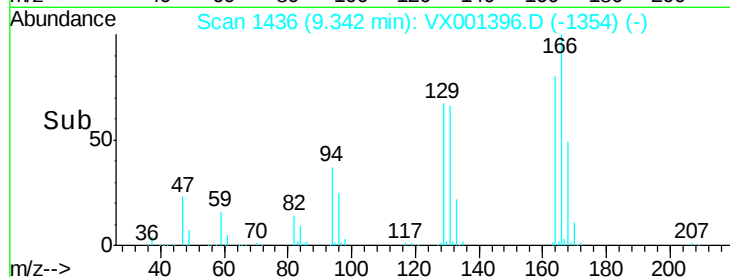
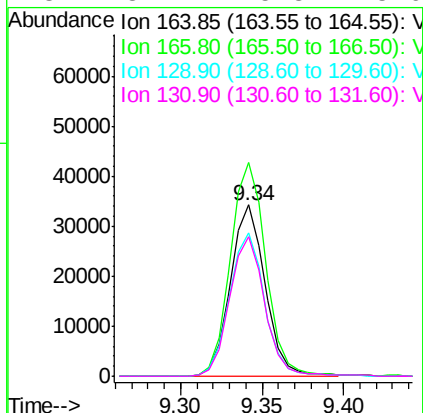
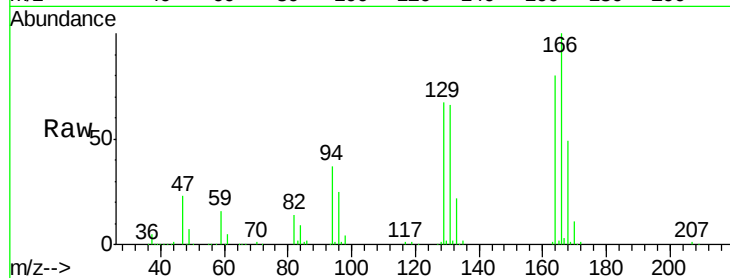




#61
Tetrachloroethene
Concen: 22.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

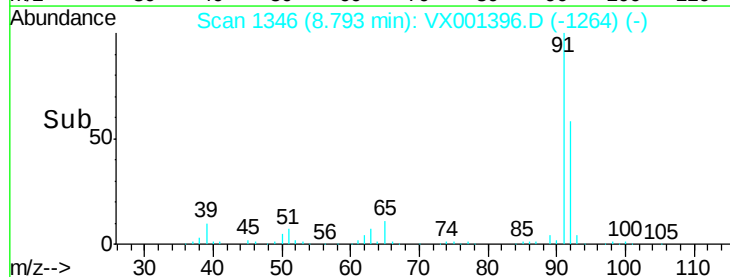
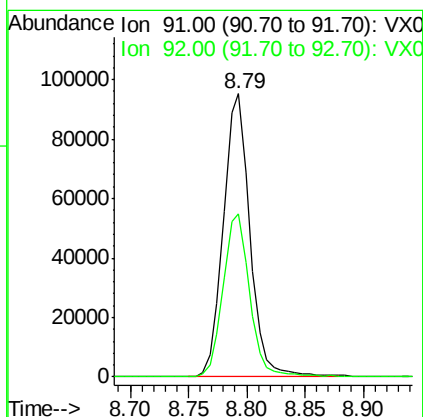
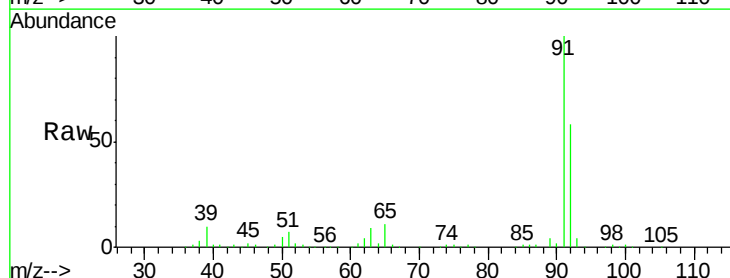
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

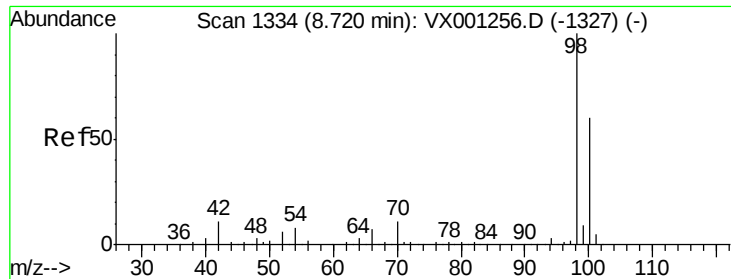
Tgt Ion:164 Resp: 50844
Ion Ratio Lower Upper
164 100
166 124.6 99.0 148.4
129 83.6 77.0 115.6
131 81.7 75.8 113.6



#62
Toluene
Concen: 18.74 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 91 Resp: 150602
Ion Ratio Lower Upper
91 100
92 57.8 45.4 68.0

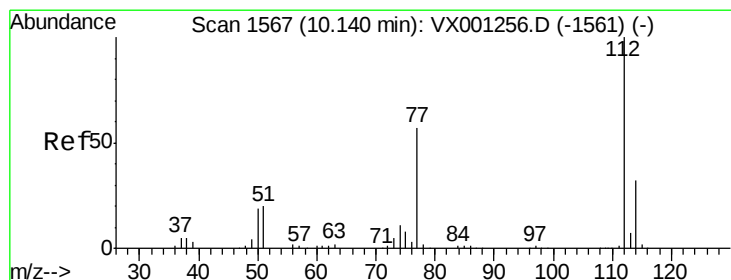
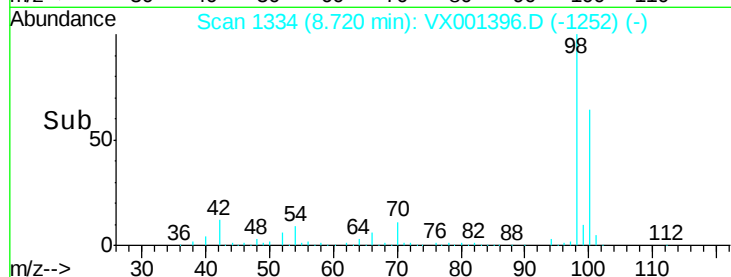
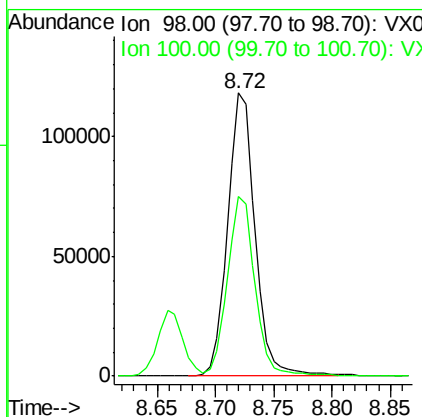
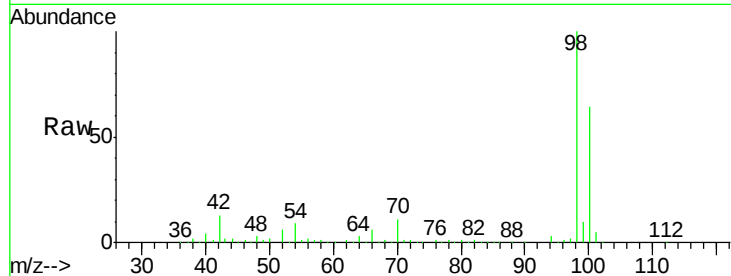




#63
Toluene-d8
Concen: 30.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

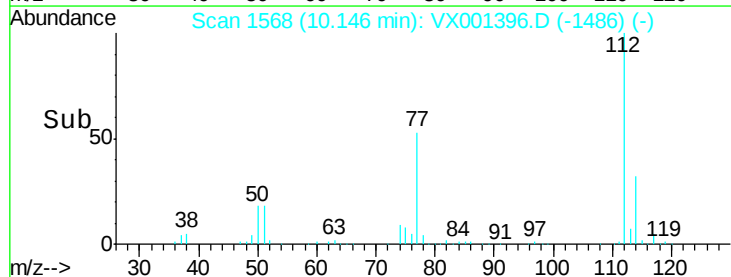
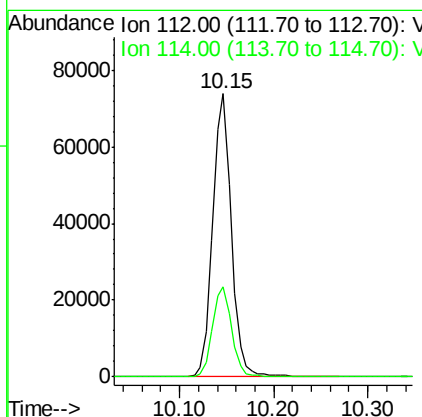
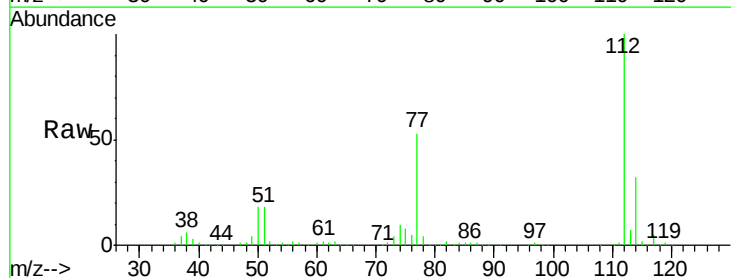
Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

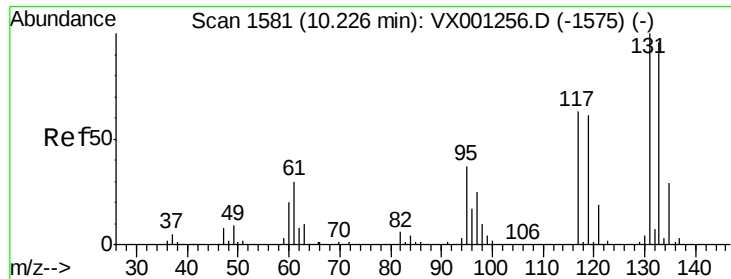
Tgt Ion: 98 Resp: 193012
Ion Ratio Lower Upper
98 100
100 64.7 50.0 75.0



#64
Chlorobenzene
Concen: 18.70 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 112 Resp: 101384
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

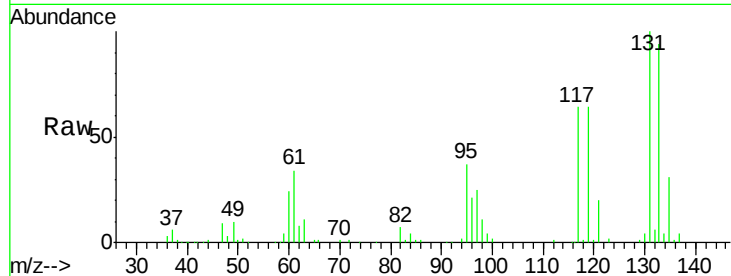
Tgt Ion:131 Resp: 37410

Ion Ratio Lower Upper

131 100

133 94.8 0.0 187.6

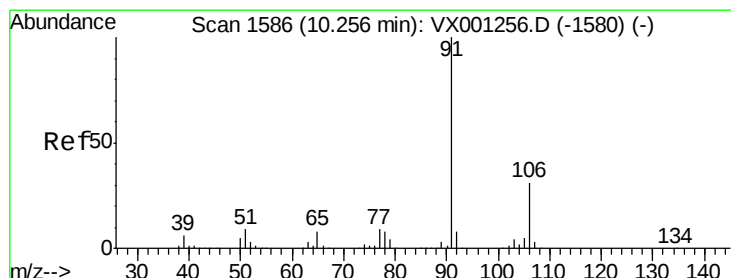
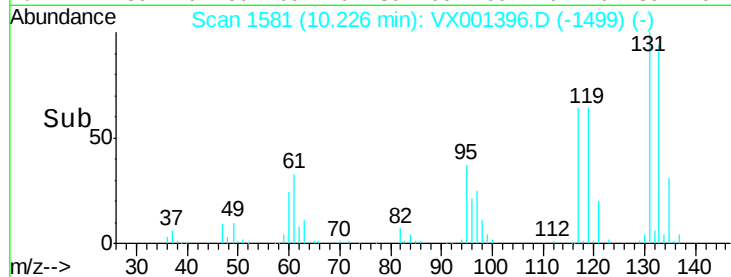
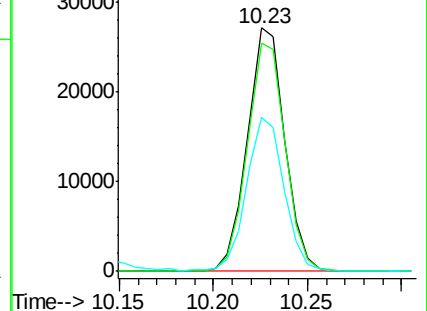
119 63.5 0.0 134.0



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: 18.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001396.D

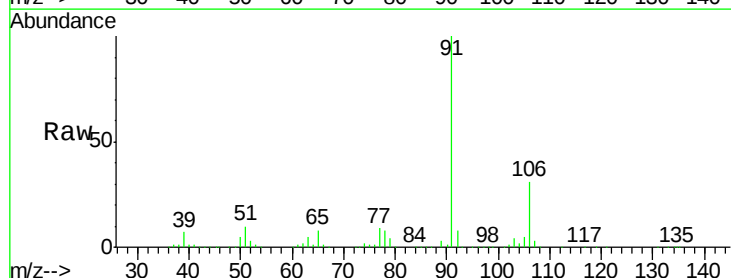
Acq: 04 May 2018 14:22

Tgt Ion: 91 Resp: 164051

Ion Ratio Lower Upper

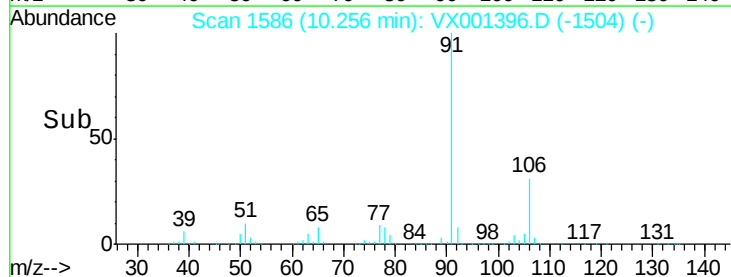
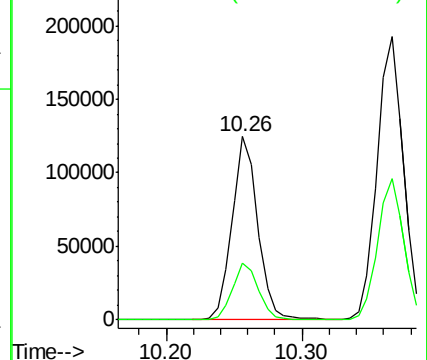
91 100

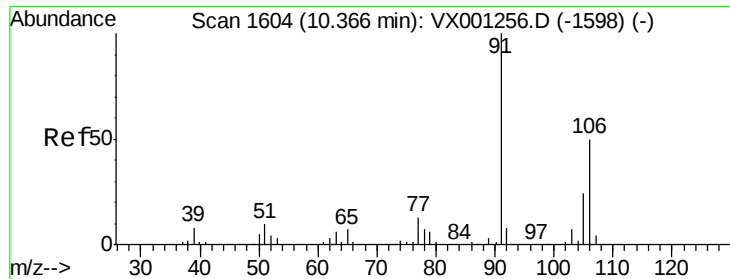
106 31.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

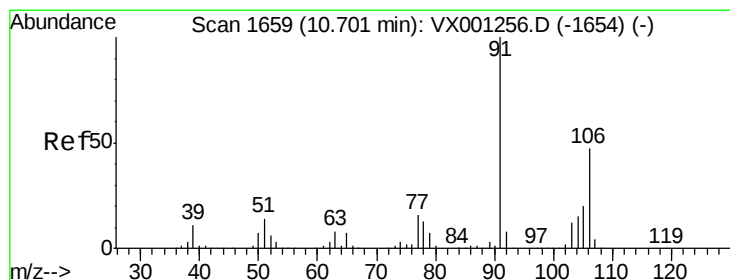
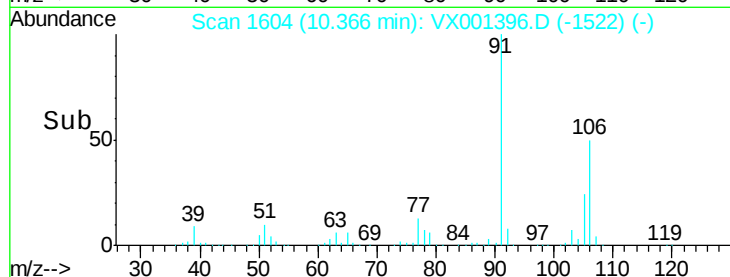
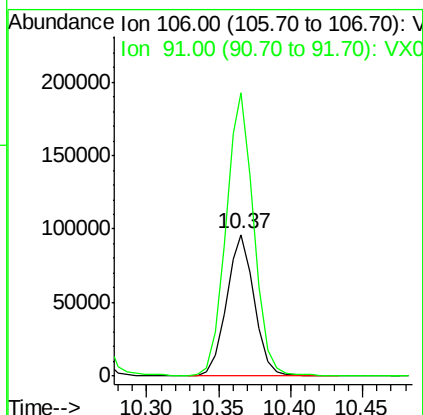
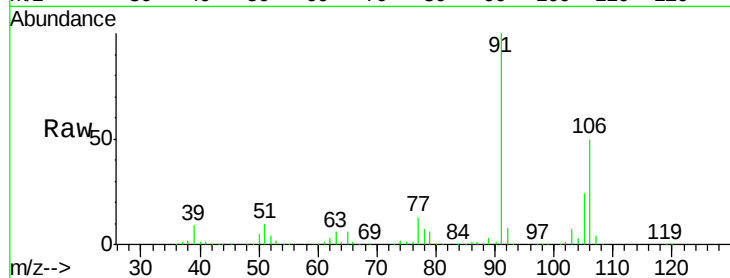




#67
m/p-Xylenes
Concen: 36.49 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

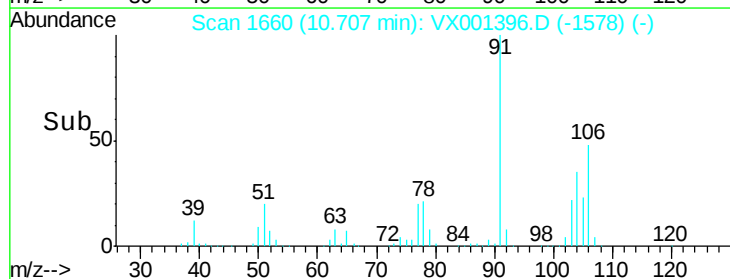
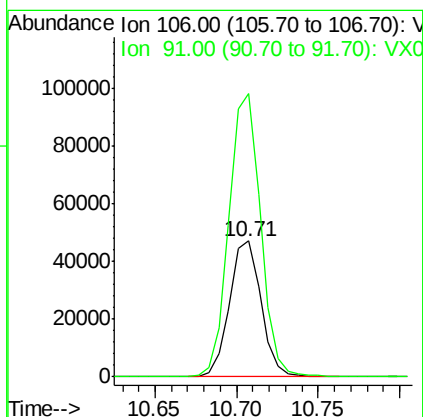
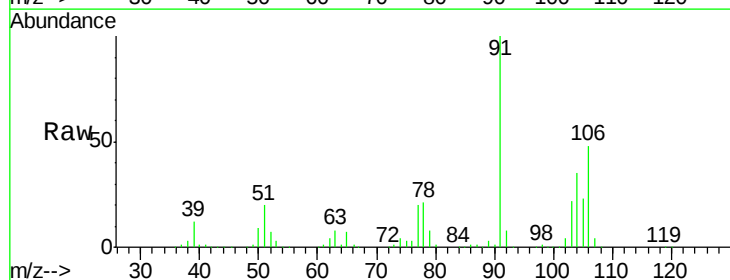
Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

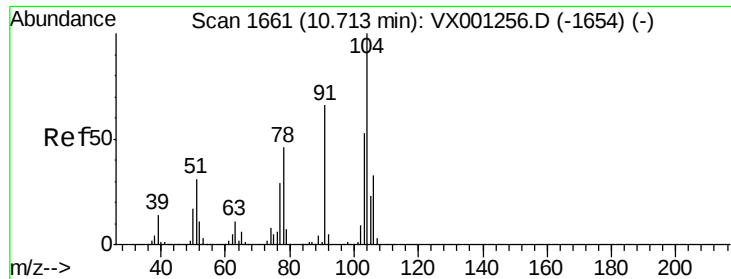
Tgt Ion:106 Resp: 129999
Ion Ratio Lower Upper
106 100
91 199.6 161.6 242.4



#68
o-Xylene
Concen: 18.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion:106 Resp: 63588
Ion Ratio Lower Upper
106 100
91 208.6 105.6 316.8





#69

Styrene

Concen: 18.11 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

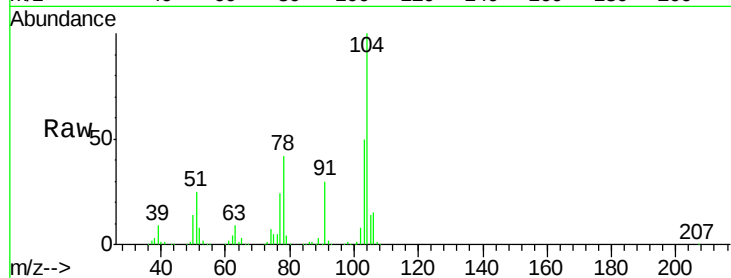
Tgt Ion:104 Resp: 103774

Ion Ratio Lower Upper

104 100

78 48.5 39.0 58.4

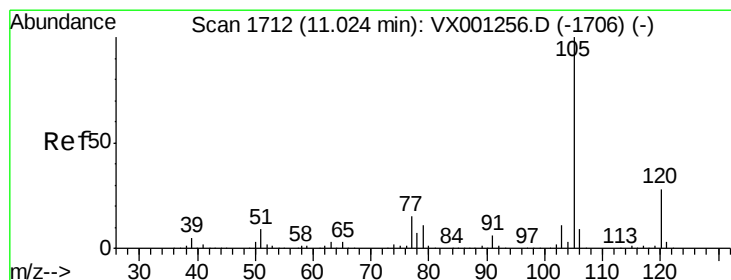
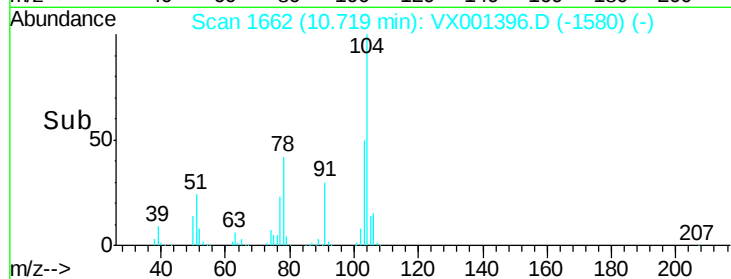
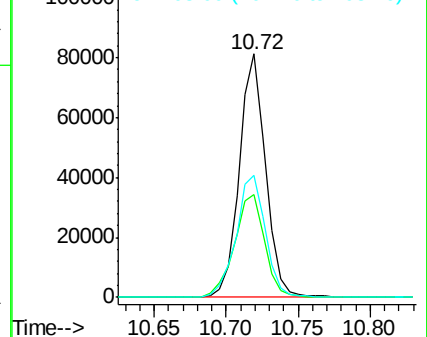
103 56.3 44.7 67.1



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: 18.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001396.D

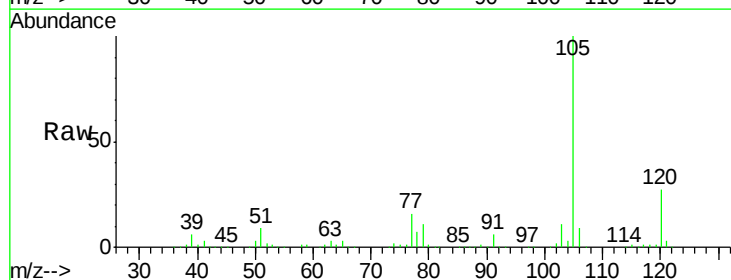
Acq: 04 May 2018 14:22

Tgt Ion:105 Resp: 173553

Ion Ratio Lower Upper

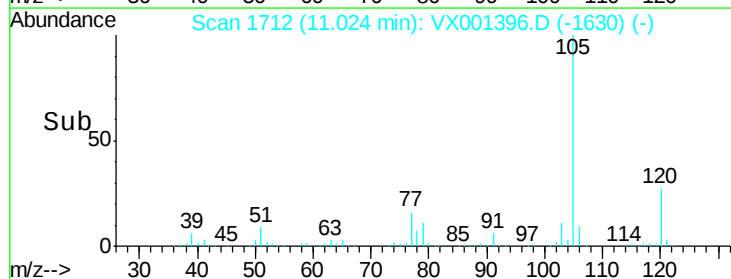
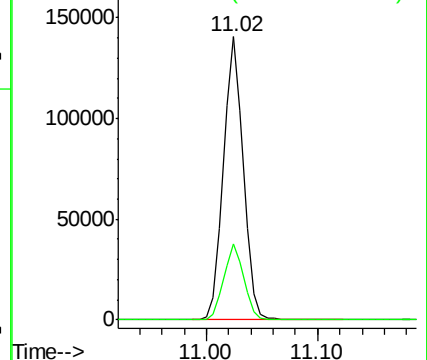
105 100

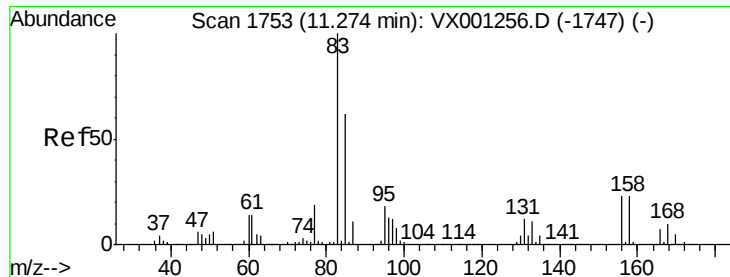
120 27.1 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

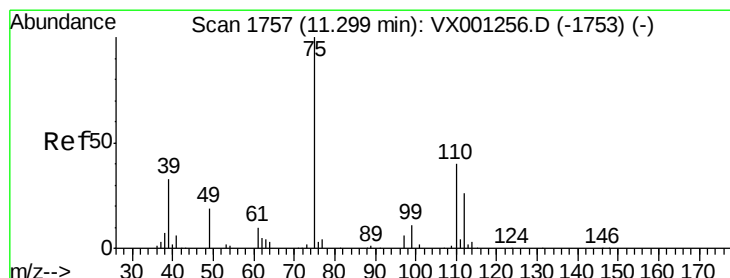
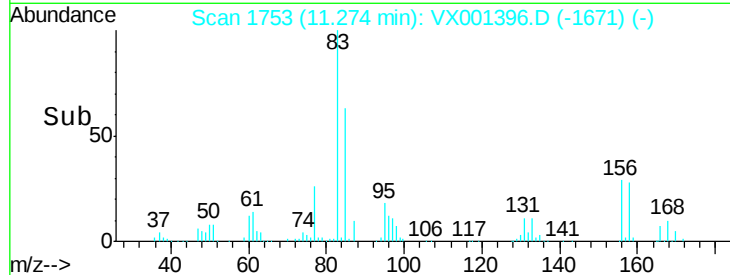
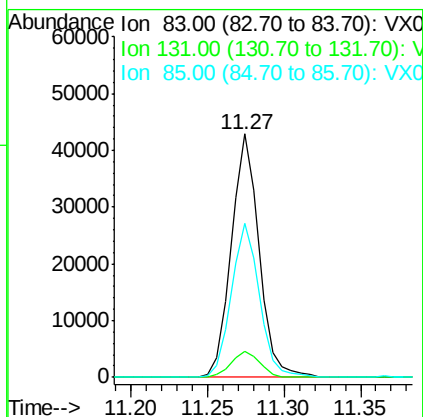
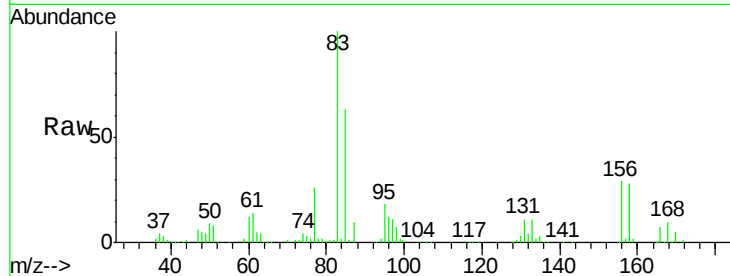




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.69 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

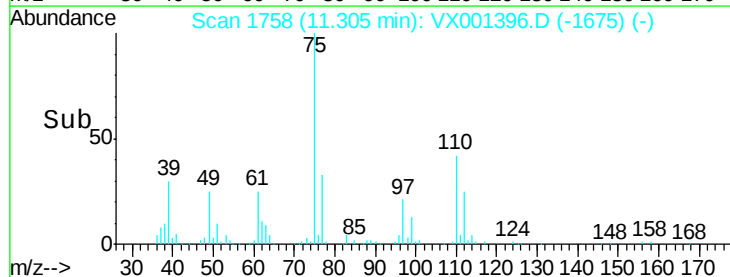
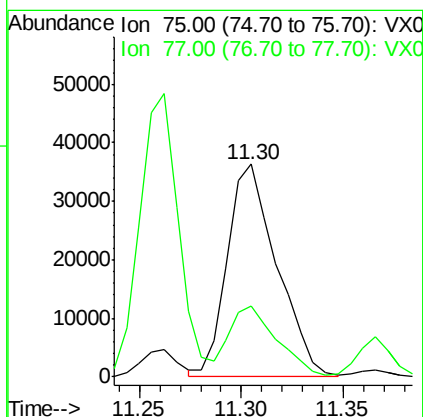
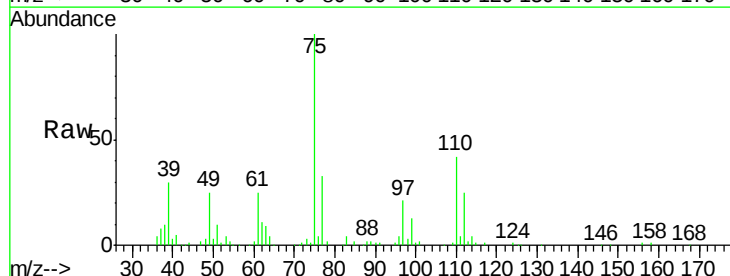
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

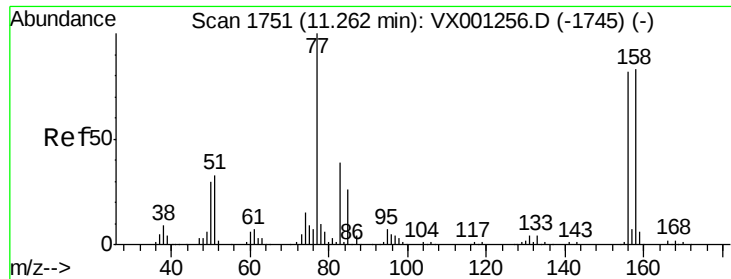
Tgt Ion: 83 Resp: 54018
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.3 16.1
 85 64.1 32.5 97.5



#72
 1,2,3-Trichloropropane
 Concen: 24.92 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 75 Resp: 61163
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 85.8





#73

Bromobenzene

Concen: 18.65 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

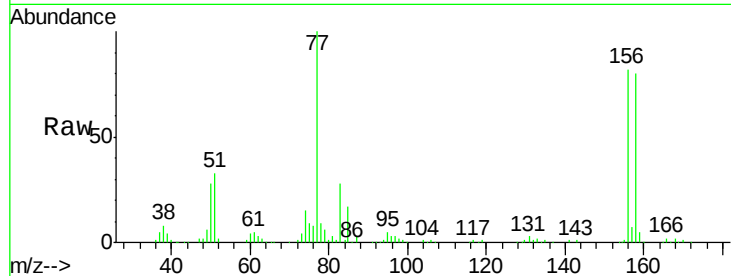
Tgt Ion:156 Resp: 50680

Ion Ratio Lower Upper

156 100

77 126.6 0.0 280.2

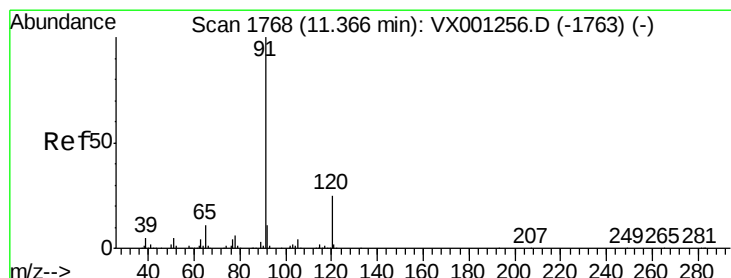
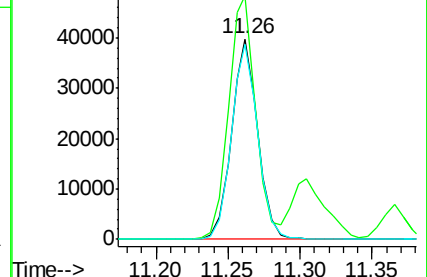
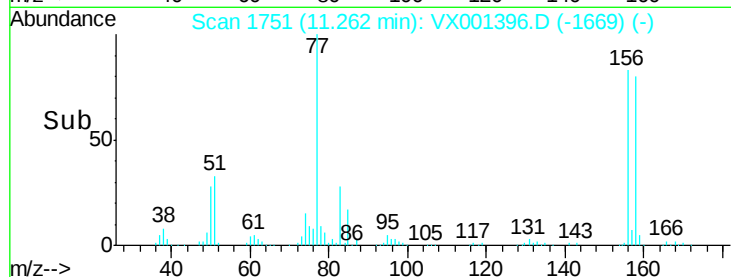
158 97.9 0.0 197.2



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: 18.22 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001396.D

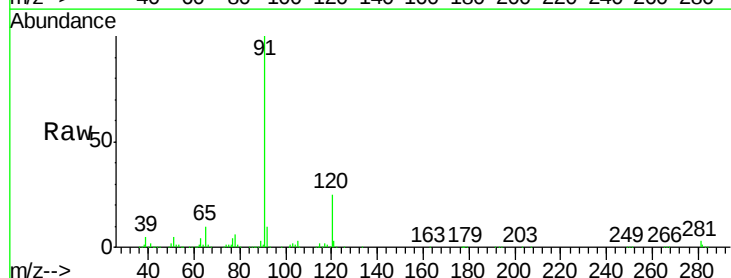
Acq: 04 May 2018 14:22

Tgt Ion: 91 Resp: 192454

Ion Ratio Lower Upper

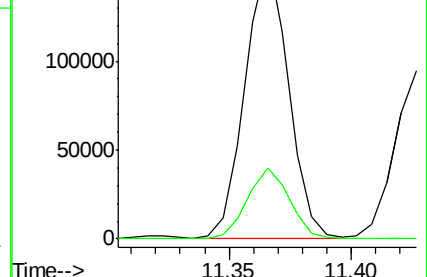
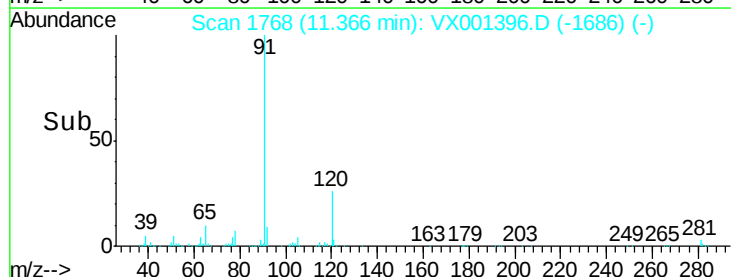
91 100

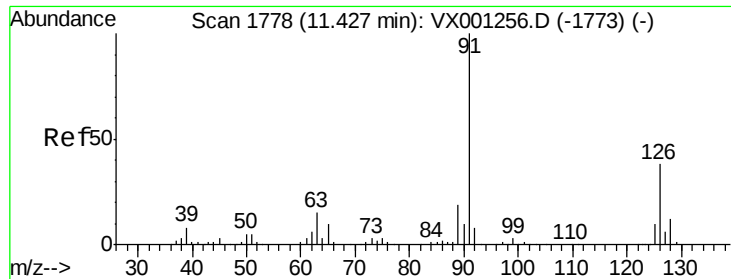
120 24.8 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

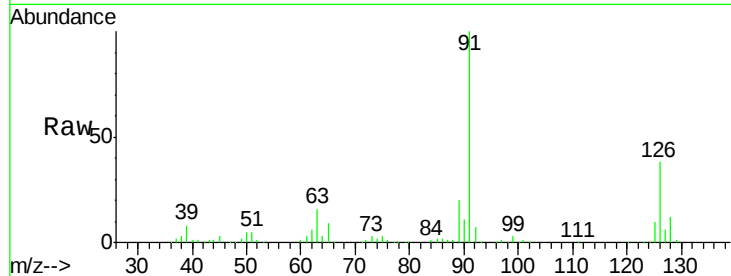
VX0504WBS01

Tgt Ion: 91 Resp: 116403

Ion Ratio Lower Upper

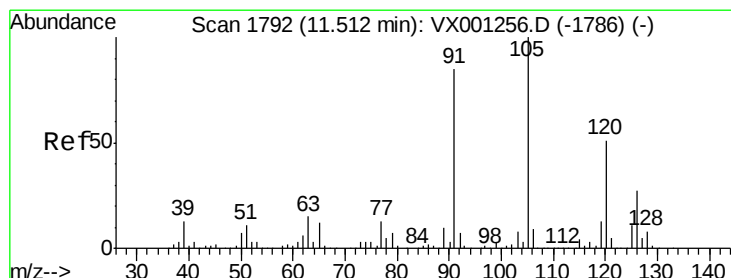
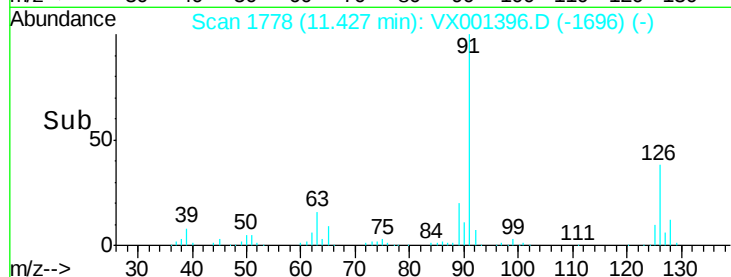
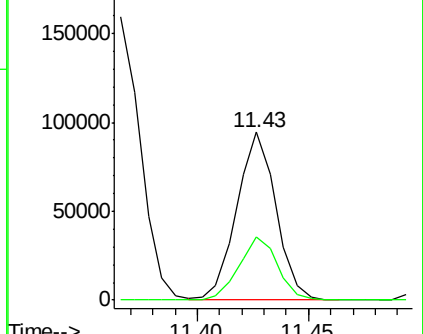
91 100

126 37.1 0.0 71.4



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

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.43 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001396.D

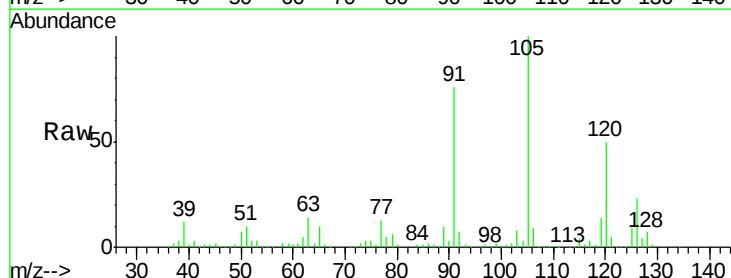
Acq: 04 May 2018 14:22

Tgt Ion: 105 Resp: 146818

Ion Ratio Lower Upper

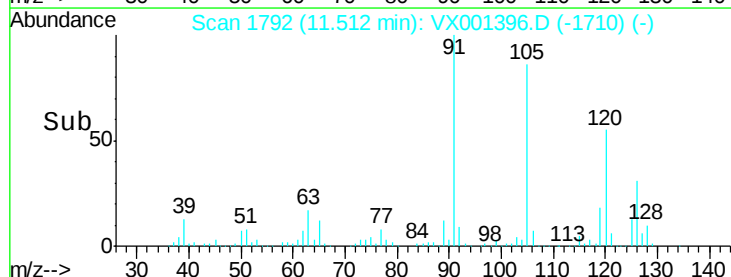
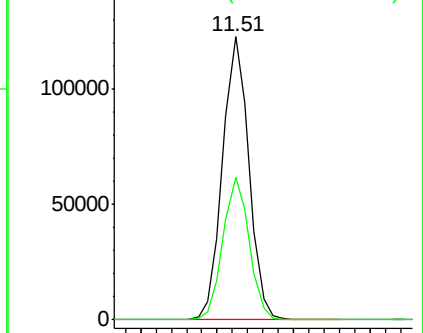
105 100

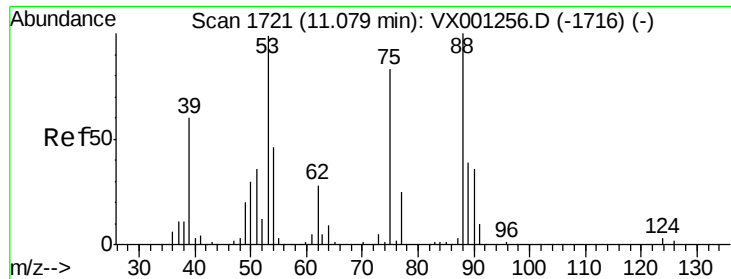
120 49.9 0.0 63.8



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

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 16.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

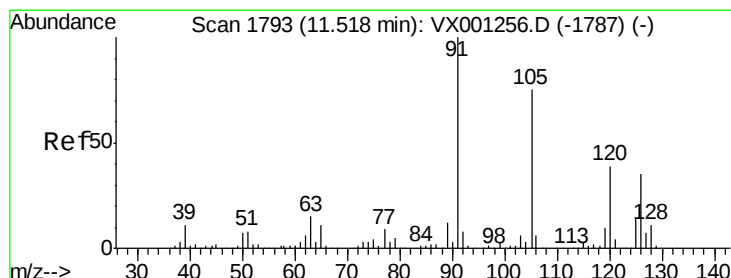
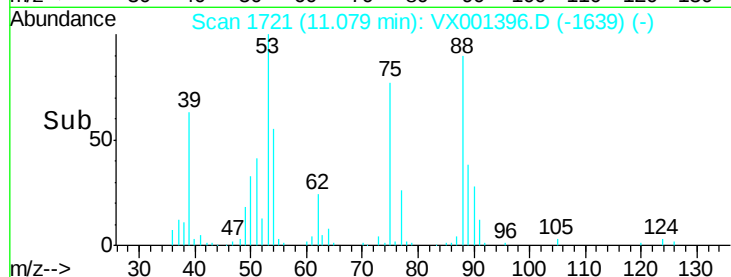
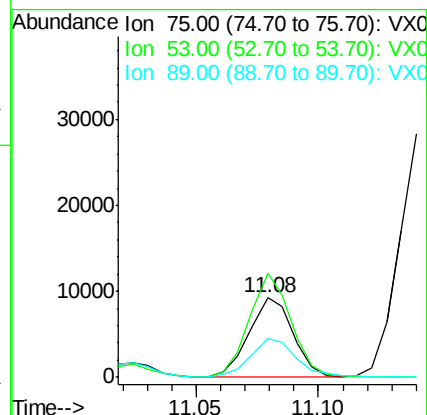
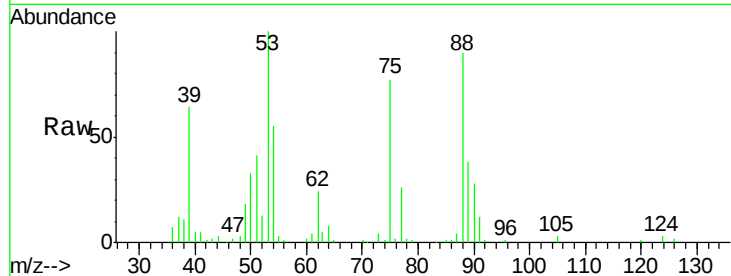
Tgt Ion: 75 Resp: 11758

Ion Ratio Lower Upper

75 100

53 129.7 47.8 143.3

89 48.5 22.3 66.8



#78

4-Chlorotoluene

Concen: 17.59 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001396.D

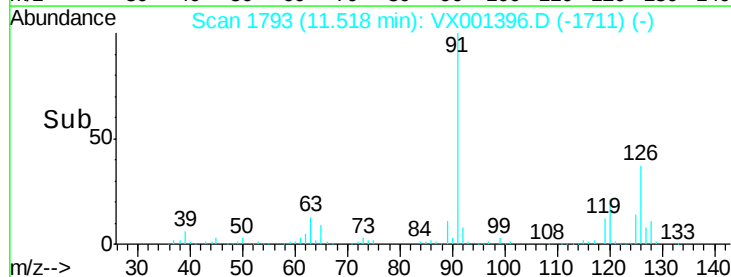
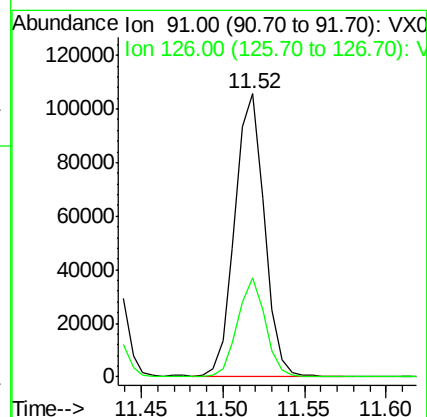
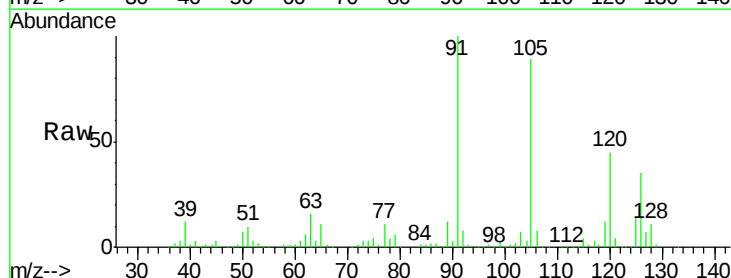
Acq: 04 May 2018 14:22

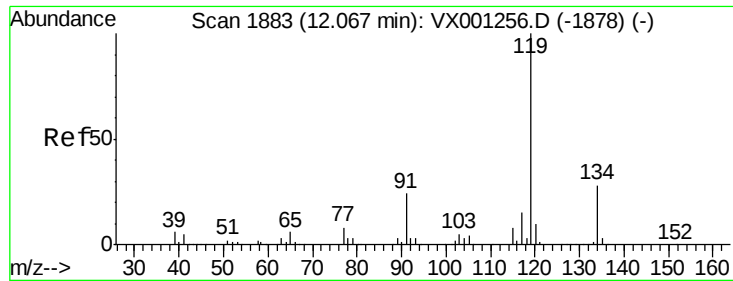
Tgt Ion: 91 Resp: 133744

Ion Ratio Lower Upper

91 100

126 32.8 0.0 63.4





#79

tert-butylbenzene

Concen: 18.64 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

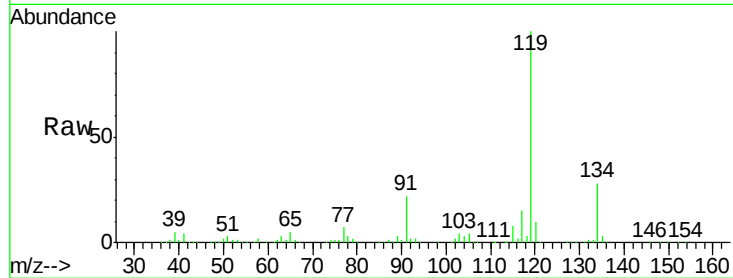
Tgt Ion:119 Resp: 158943

Ion Ratio Lower Upper

119 100

91 22.9 0.0 51.6

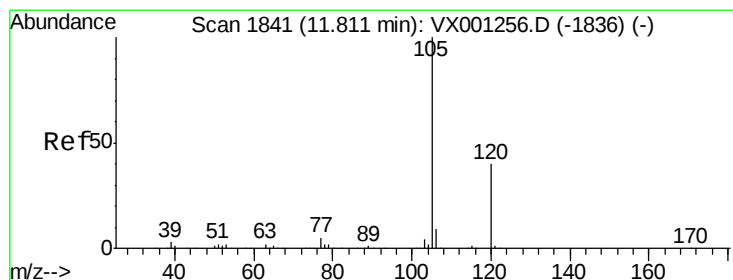
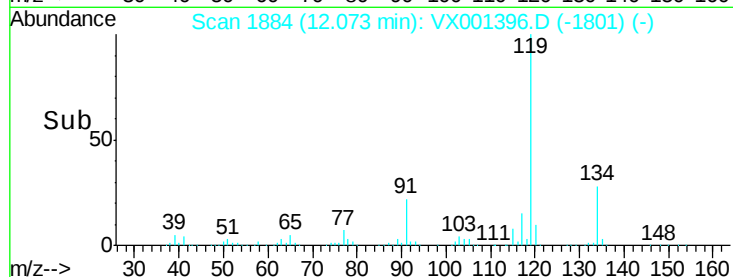
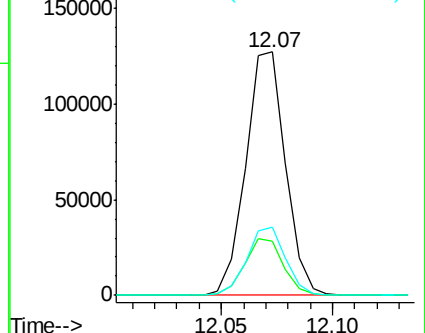
134 27.3 0.0 60.2



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: 18.41 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001396.D

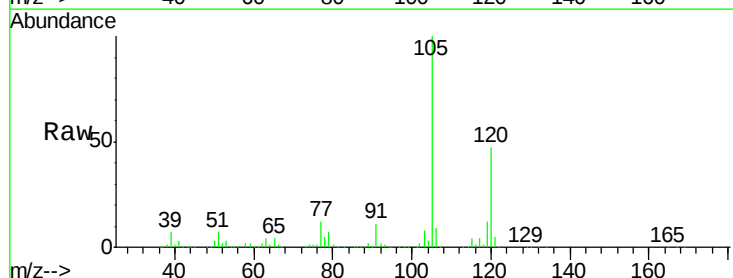
Acq: 04 May 2018 14:22

Tgt Ion:105 Resp: 149324

Ion Ratio Lower Upper

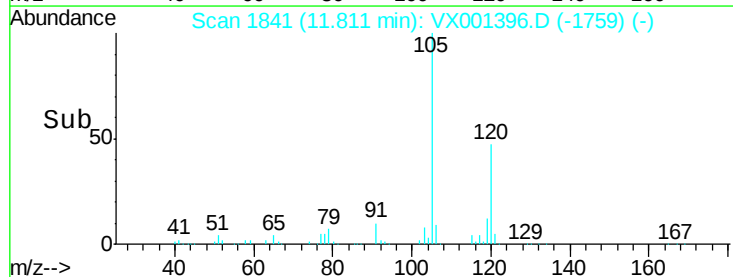
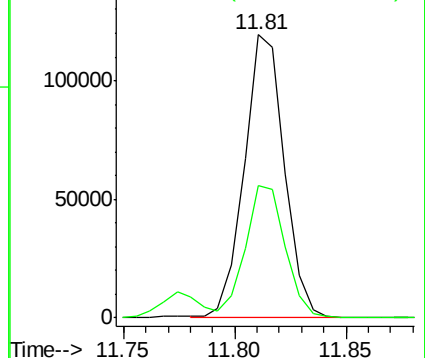
105 100

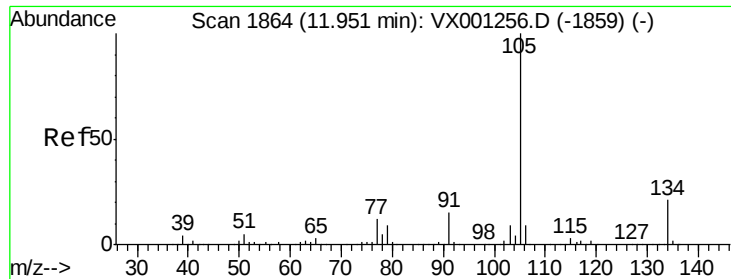
120 46.3 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

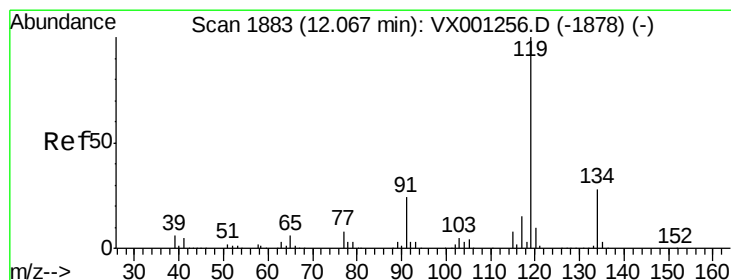
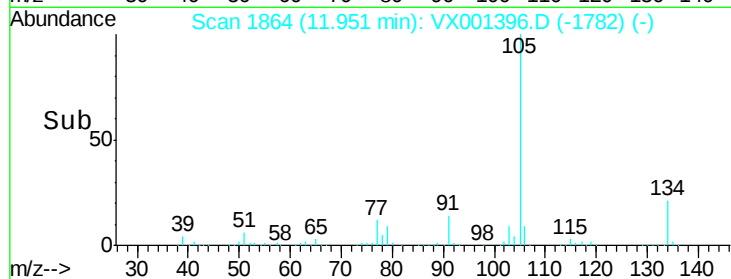
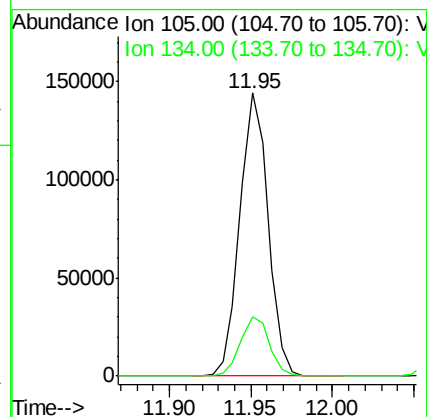
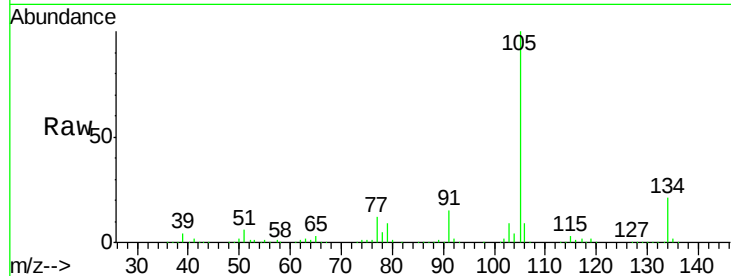




#81
 sec-Butylbenzene
 Concen: 18.87 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

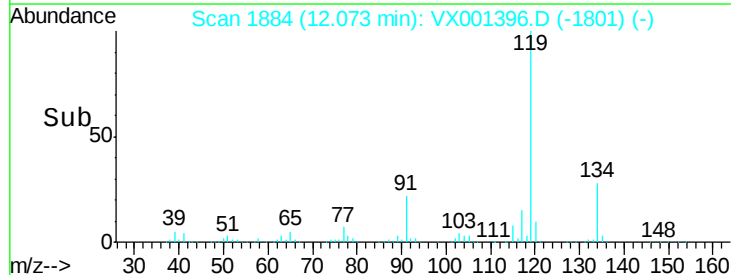
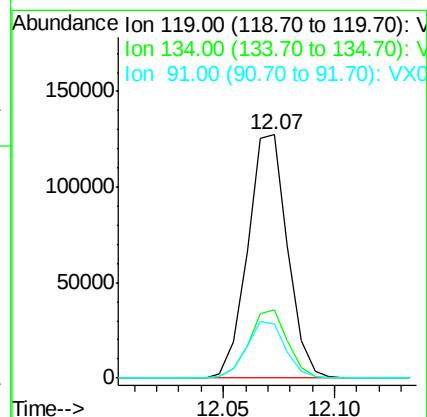
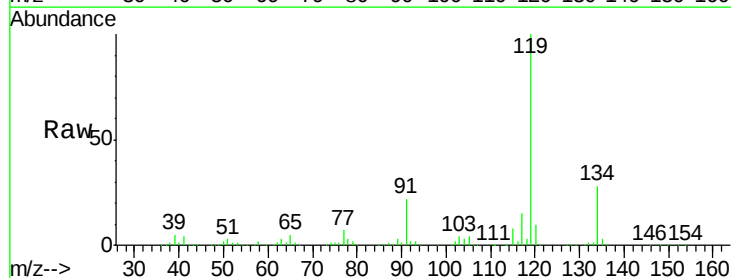
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

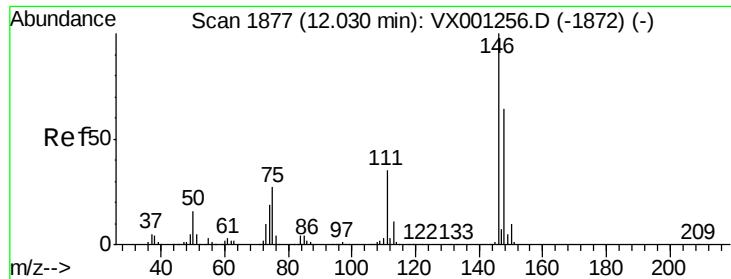
Tgt Ion:105 Resp: 174561
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 18.64 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion:119 Resp: 158943
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 54.4
 91 22.9 0.0 46.6

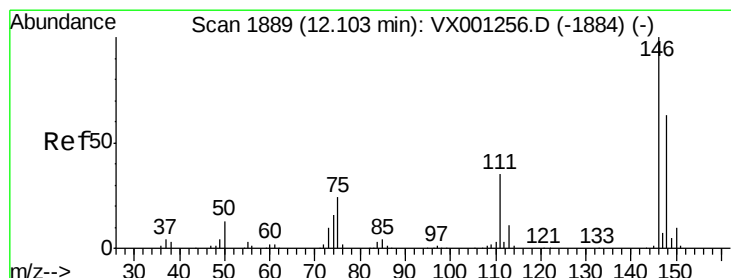
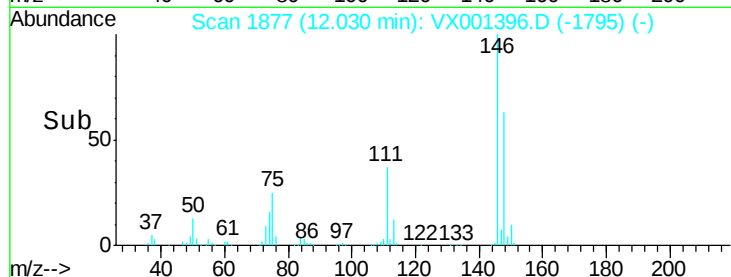
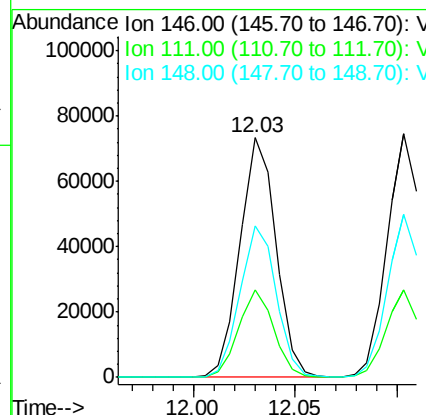
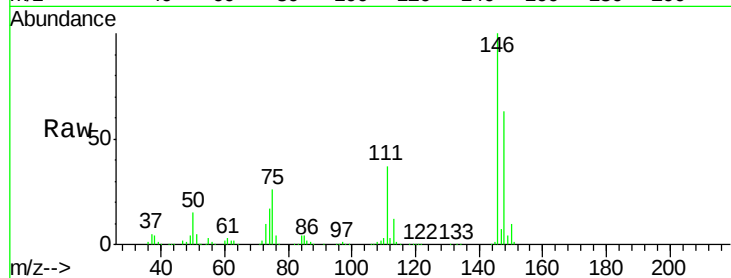




#83
 1,3-Dichlorobenzene
 Concen: 18.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

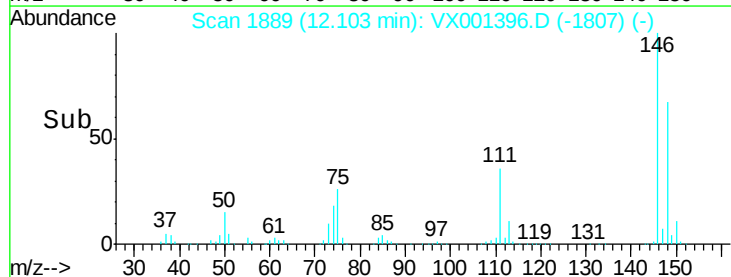
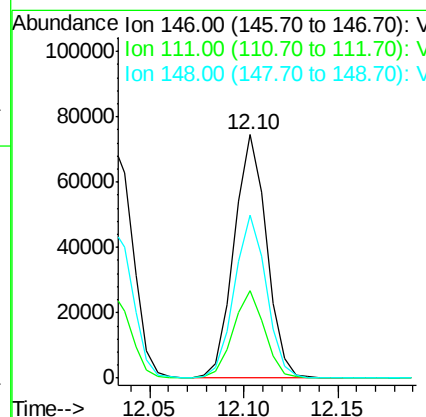
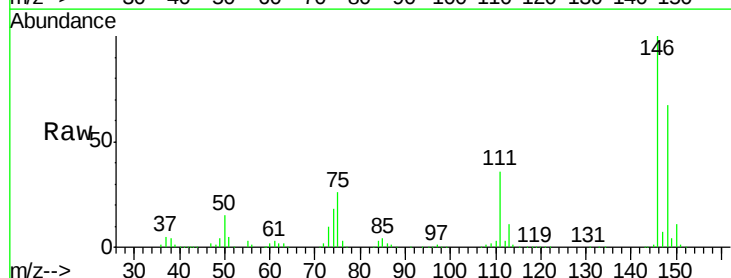
Instrument :
 MSVOA_X
 ClientSampled :
 VX0504WBS01

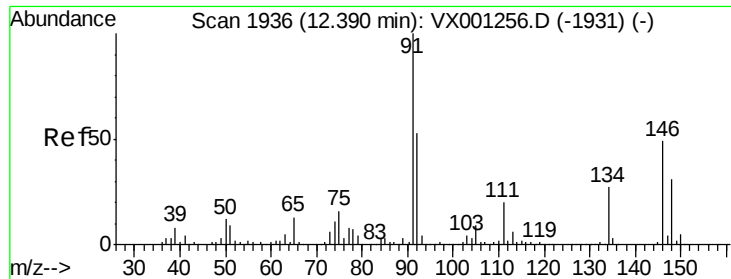
Tgt Ion:146 Resp: 90188
 Ion Ratio Lower Upper
 146 100
 111 35.5 19.4 58.2
 148 63.7 32.6 97.7



#84
 1,4-Dichlorobenzene
 Concen: 17.72 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion:146 Resp: 89495
 Ion Ratio Lower Upper
 146 100
 111 34.7 18.4 55.0
 148 65.7 31.9 95.7

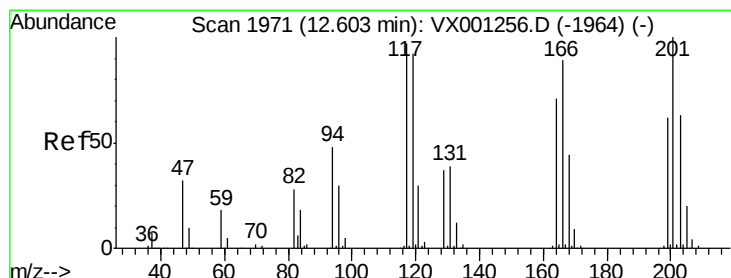
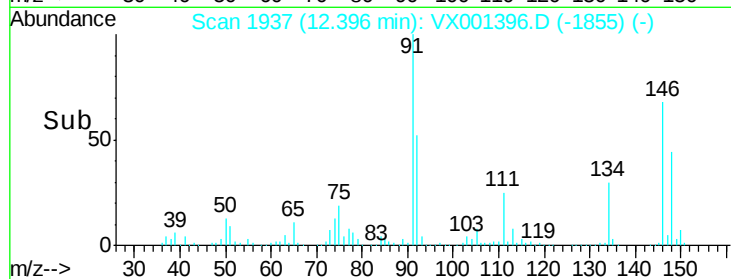
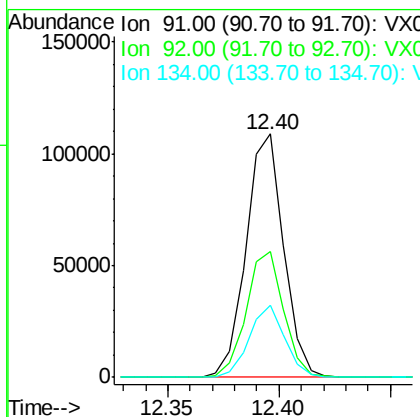
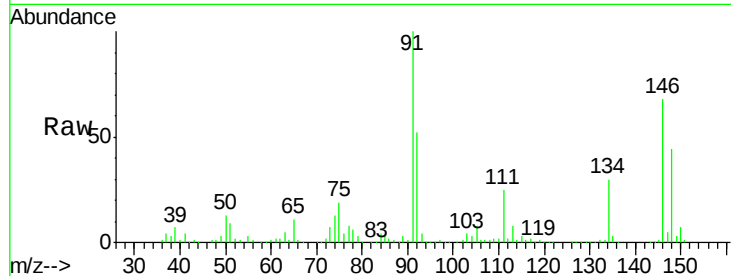




#85
n-Butylbenzene
Concen: 17.38 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

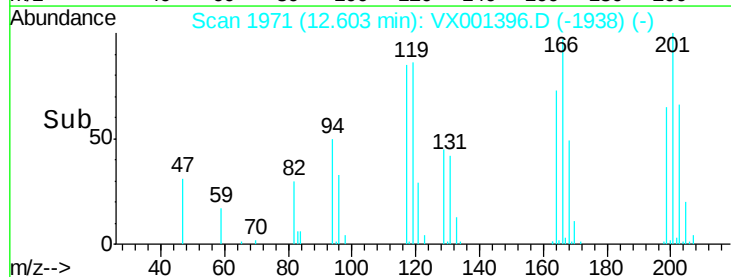
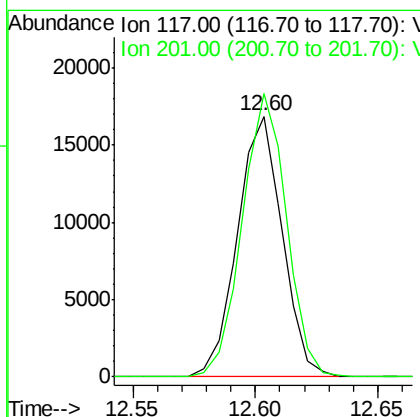
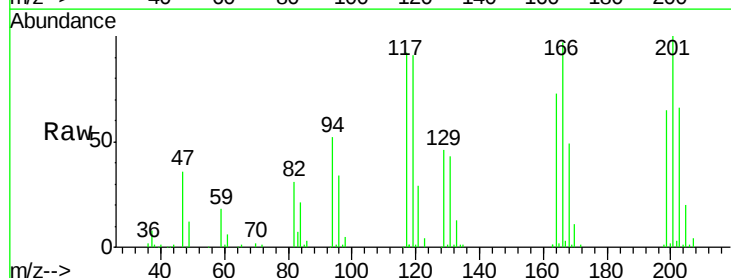
Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

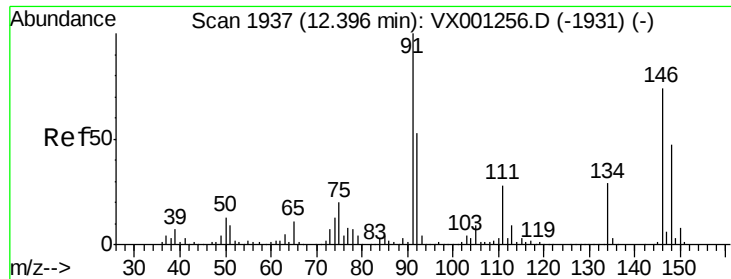
Tgt Ion: 91 Resp: 128110
Ion Ratio Lower Upper
91 100
92 51.6 0.0 102.0
134 28.4 0.0 54.2



#86
Hexachloroethane
Concen: 16.49 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 117 Resp: 21493
Ion Ratio Lower Upper
117 100
201 107.5 38.9 116.6

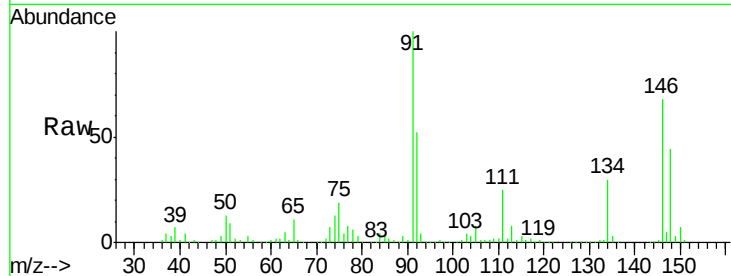




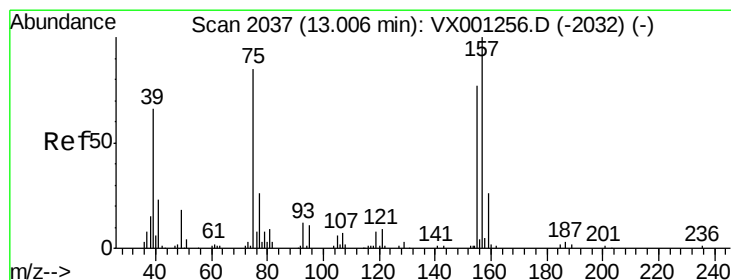
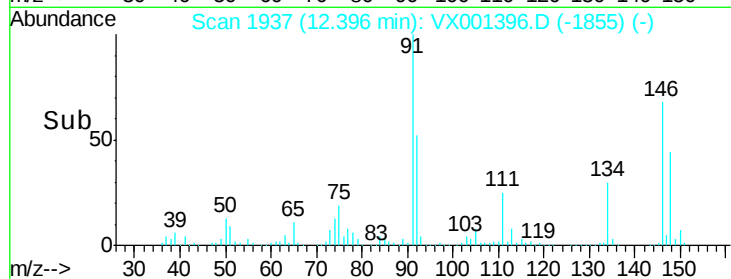
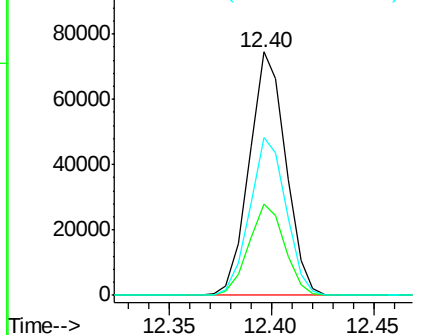
#87
 1,2-Dichlorobenzene
 Concen: 18.88 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0504WBS01

Tgt Ion: 146 Resp: 93016
 Ion Ratio Lower Upper
 146 100
 111 36.9 20.0 60.0
 148 64.5 31.6 95.0

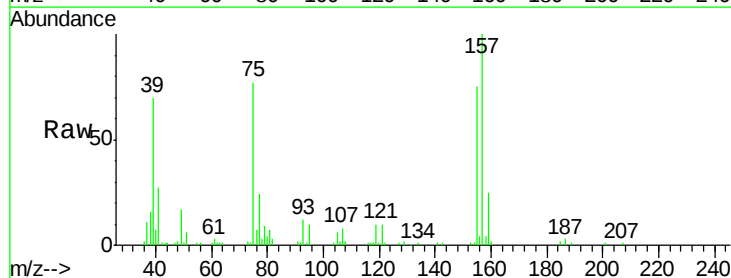


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

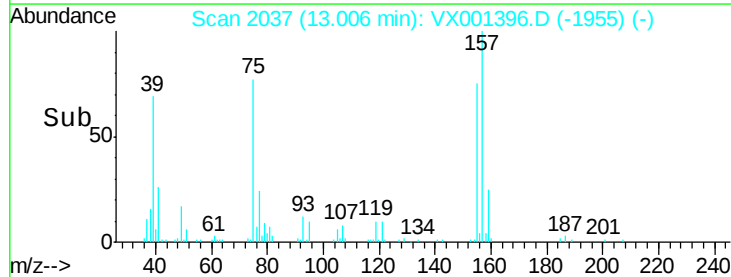
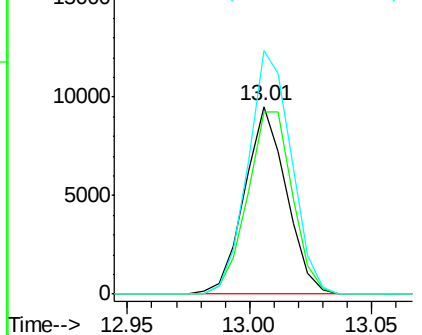


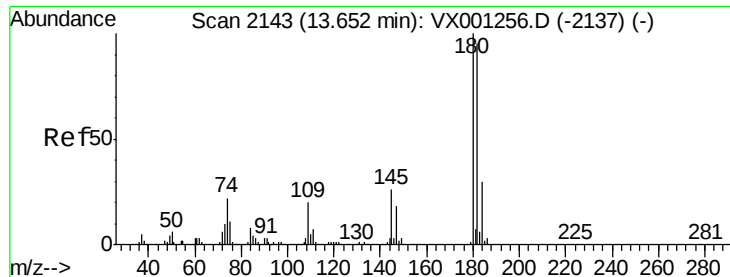
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.76 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 75 Resp: 11326
 Ion Ratio Lower Upper
 75 100
 155 104.9 75.1 112.7
 157 134.5 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: 17.95 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

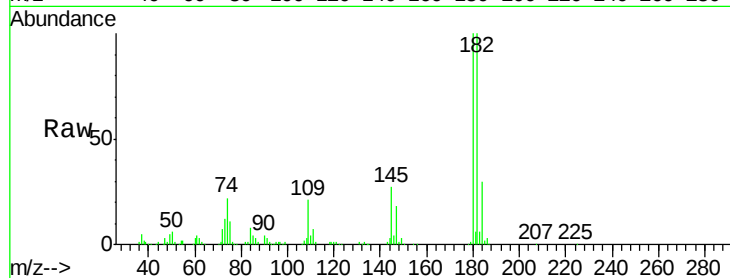
Tgt Ion:180 Resp: 67011

Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

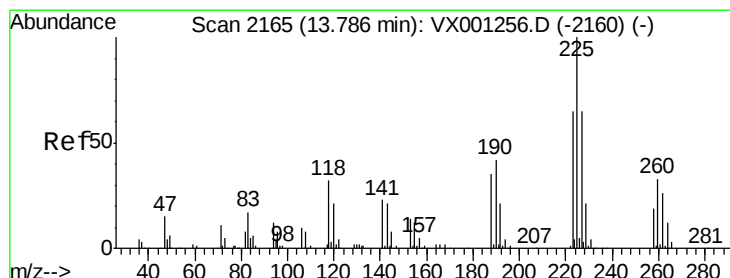
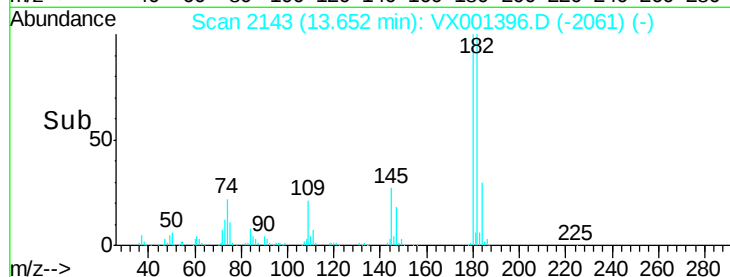
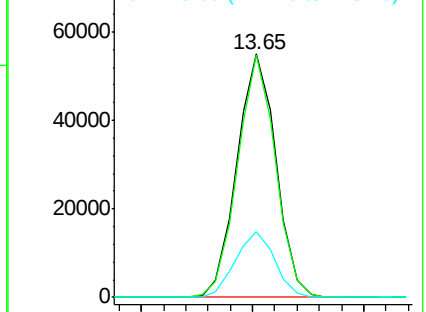
145 27.5 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 21.45 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

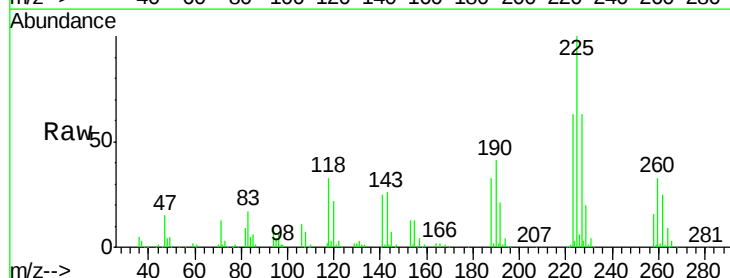
Tgt Ion:225 Resp: 37172

Ion Ratio Lower Upper

225 100

223 64.0 0.0 131.2

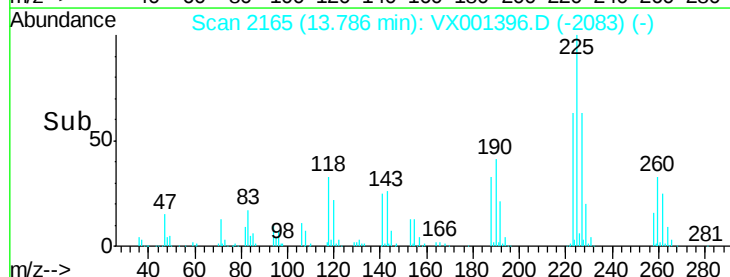
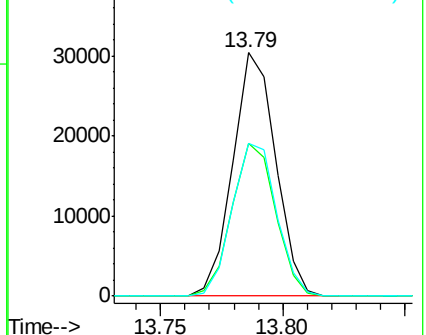
227 65.1 0.0 127.6

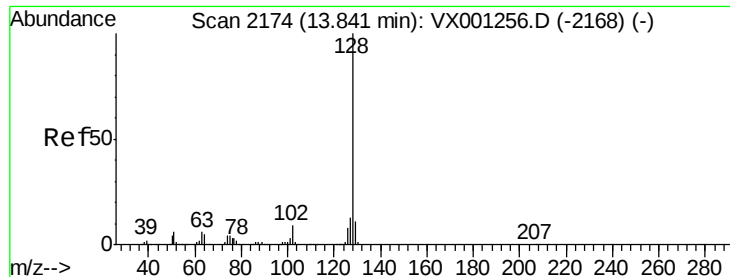


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

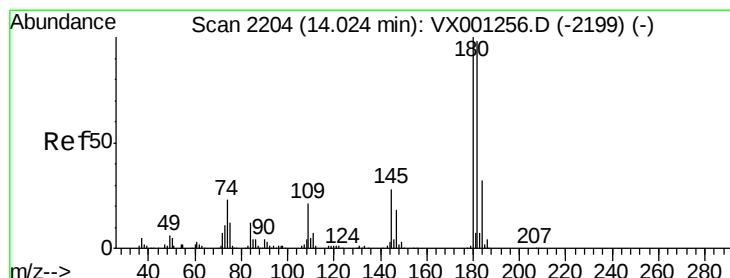
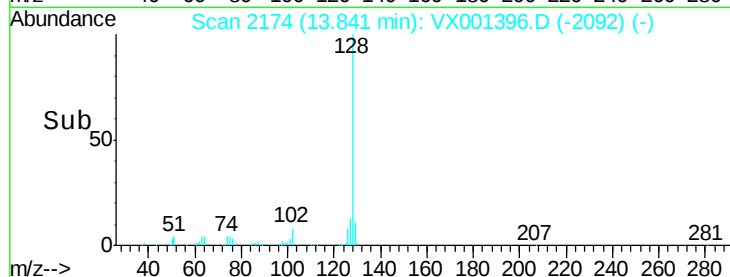
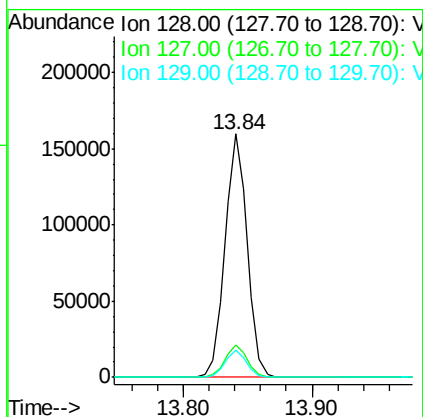
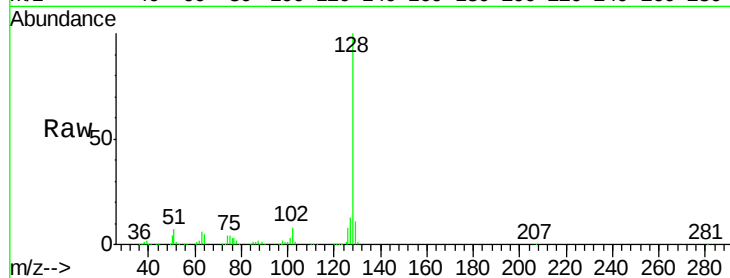




#91
Naphthalene
Concen: 19.96 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tgt Ion:128 Resp: 193334
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 19.49 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion:180 Resp: 71808
Ion Ratio Lower Upper
180 100
182 94.5 0.0 188.6
145 27.9 0.0 65.8

