

Data File : VX001136.D

Acq On : 26 Apr 2018 17:29

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 27 01:20:23 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	16575	5.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.46%	
35) Dibromofluoromethane	5.51	113	11515	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
50) Toluene-d8	8.72	98	45829	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	
62) 4-Bromofluorobenzene	11.14	95	17016	4.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	11777	4.51	ug/l	96
3) Chloromethane	1.32	50	11968	4.79	ug/l	98
4) Vinyl Chloride	1.40	62	12750	4.87	ug/l	96
5) Bromomethane	1.64	94	8630	5.31	ug/l	100
6) Chloroethane	1.72	64	8156	5.15	ug/l	99
7) Trichlorofluoromethane	1.93	101	21569	5.42	ug/l	98
8) Diethyl Ether	2.20	74	7795	5.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12143	5.25	ug/l	97
10) Methyl Iodide	2.51	142	6893	3.51	ug/l	99
11) Tert butyl alcohol	3.09	59	16539	34.42	ug/l	95
12) 1,1-Dichloroethene	2.37	96	10971	5.08	ug/l	95
13) Acrolein	2.30	56	7320	45.15	ug/l	99
14) Allyl chloride	2.73	41	19285	4.88	ug/l	96
15) Acrylonitrile	3.15	53	34603	28.90	ug/l	97
16) Acetone	2.45	43	36084	32.37	ug/l	99
17) Carbon Disulfide	2.57	76	26276	4.33	ug/l	100
18) Methyl Acetate	2.79	43	16766	5.19	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	39923	5.38	ug/l	99
20) Methylene Chloride	2.86	84	12924	5.18	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	12203	5.05	ug/l	98
22) Diisopropyl ether	3.88	45	38999	5.10	ug/l	97
23) Vinyl Acetate	3.83	43	159936	24.93	ug/l	100
24) 1,1-Dichloroethane	3.70	63	20770	4.89	ug/l	98
25) 2-Butanone	4.72	43	50411	29.12	ug/l	100
26) 2,2-Dichloropropane	4.59	77	15924	4.43	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	13315	4.96	ug/l	99
28) Bromochloromethane	5.03	49	9155	5.41	ug/l	100
29) Tetrahydrofuran	5.18	42	32087	29.29	ug/l	99
30) Chloroform	5.22	83	21594	4.88	ug/l	96
31) Cyclohexane	5.58	56	17851	4.57	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	18271	4.64	ug/l	98
36) 1,1-Dichloropropene	5.81	75	16123	4.59	ug/l	97
37) Ethyl Acetate	4.87	43	19253	5.70	ug/l	99
38) Carbon Tetrachloride	5.79	117	15925	4.47	ug/l	98

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Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 27 01:20:23 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	18329	4.52	ug/l	92
40) Benzene	6.15	78	47027	4.77	ug/l	98
41) Methacrylonitrile	5.07	41	11410	5.47	ug/l	98
42) 1,2-Dichloroethane	6.21	62	19273	5.04	ug/l	100
43) Isopropyl Acetate	6.48	43	28510	4.97	ug/l	99
44) Trichloroethene	7.22	130	14297	4.77	ug/l	93
45) 1,2-Dichloropropane	7.53	63	11976	4.81	ug/l	93
46) Dibromomethane	7.67	93	8459	4.84	ug/l	98
47) Bromodichloromethane	7.90	83	14064	4.37	ug/l #	94
48) Methyl methacrylate	7.79	41	15229	4.96	ug/l	99
49) 1,4-Dioxane	7.77	88	6363	129.98	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	95503	27.01	ug/l	100
52) Toluene	8.79	92	31064	4.83	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	16349	4.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	13454	3.72	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	12396	4.80	ug/l	98
56) Ethyl methacrylate	9.19	69	17727	4.65	ug/l	97
57) 1,3-Dichloropropane	9.38	76	20951	4.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	46484	25.21	ug/l	98
59) 2-Hexanone	9.51	43	73842	27.16	ug/l	99
60) Dibromochloromethane	9.59	129	10373	3.84	ug/l	97
61) 1,2-Dibromoethane	9.68	107	12914	4.72	ug/l	99
64) Tetrachloroethene	9.34	164	15986	5.36	ug/l	95
65) Chlorobenzene	10.15	112	36155	4.83	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	11412	4.43	ug/l	99
67) Ethyl Benzene	10.26	91	58610	4.73	ug/l	98
68) m/p-Xylenes	10.37	106	46007	9.43	ug/l	99
69) o-Xylene	10.70	106	22143	4.69	ug/l	96
70) Styrene	10.72	104	35407	4.56	ug/l	98
71) Bromoform	10.87	173	8346	3.92	ug/l #	100
73) Isopropylbenzene	11.02	105	59579	5.04	ug/l	100
74) N-amyl acetate	6.48	43	28510	5.47	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	18484	5.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	20115	6.21	ug/l	89
77) Bromobenzene	11.26	156	17363	5.05	ug/l	98
78) n-propylbenzene	11.37	91	65822	4.86	ug/l	100
79) 2-Chlorotoluene	11.43	91	40984	5.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	49234	4.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	3328	3.69	ug/l #	82
82) 4-Chlorotoluene	11.52	91	47933	4.94	ug/l	99
83) tert-Butylbenzene	11.77	119	47879	4.74	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	50664	4.90	ug/l	99
85) sec-Butylbenzene	11.95	105	57916	4.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	53312	4.79	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	30728	4.79	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	32013	4.85	ug/l	96
89) n-Butylbenzene	12.39	91	44382	4.50	ug/l	99
90) Hexachloroethane	12.60	117	6571	4.18	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	31643	5.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3829	5.22	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

Data File : VX001136.D
Acq On : 26 Apr 2018 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 27 01:20:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration

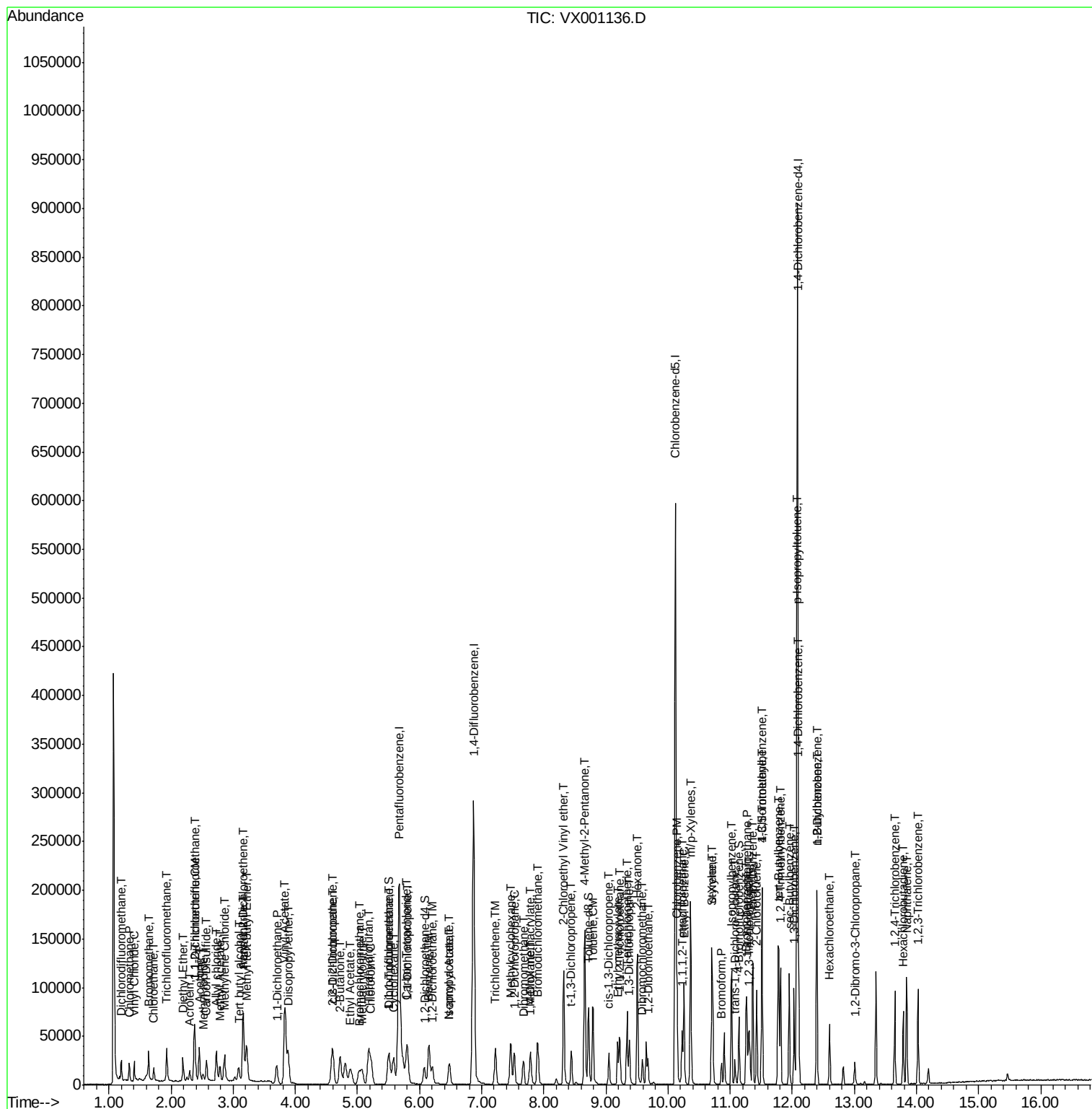
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	24098	4.65	ug/l	98
94) Hexachlorobutadiene	13.79	225	11426	4.83	ug/l	98
95) Naphthalene	13.84	128	66501	5.11	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	24452	4.85	ug/l	99

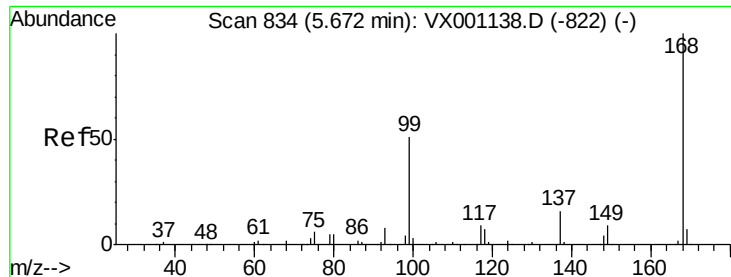
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX001136.D
Acq On : 26 Apr 2018 17:29
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 27 01:20:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

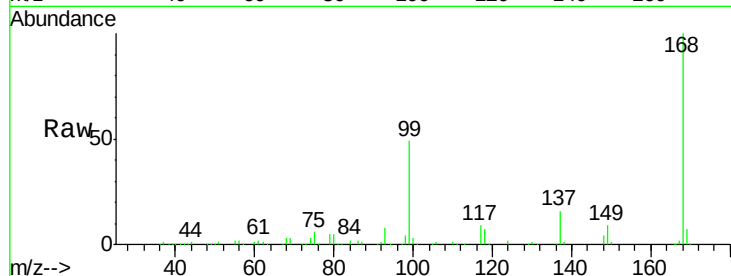
VSTDIC005

Tgt Ion: 168 Resp: 221665

Ion Ratio Lower Upper

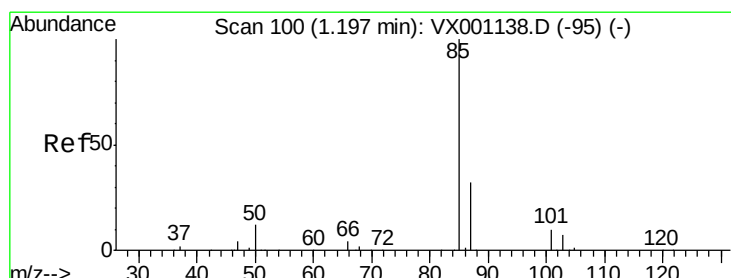
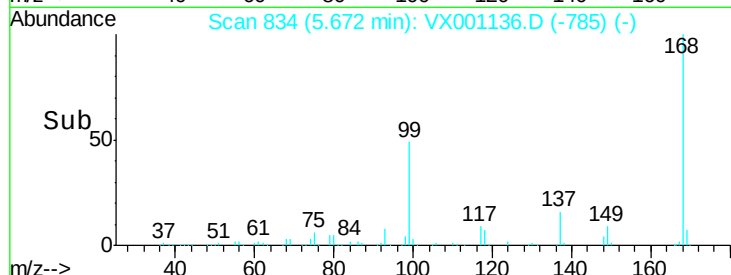
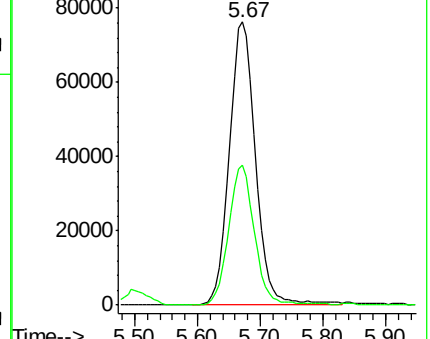
168 100

99 49.5 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001136.D

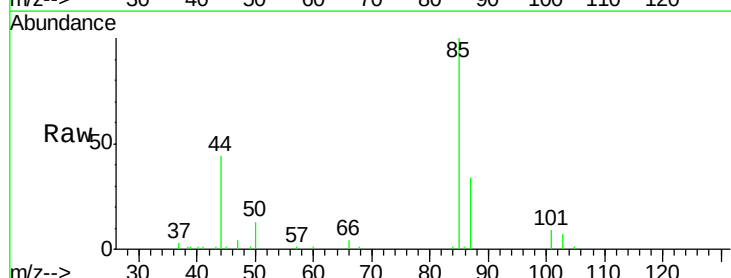
Acq: 26 Apr 2018 17:29

Tgt Ion: 85 Resp: 11777

Ion Ratio Lower Upper

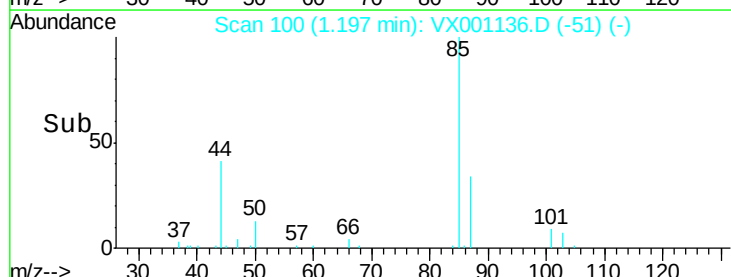
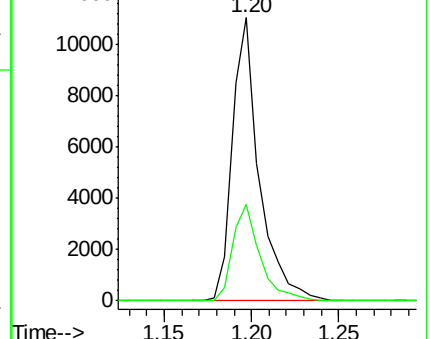
85 100

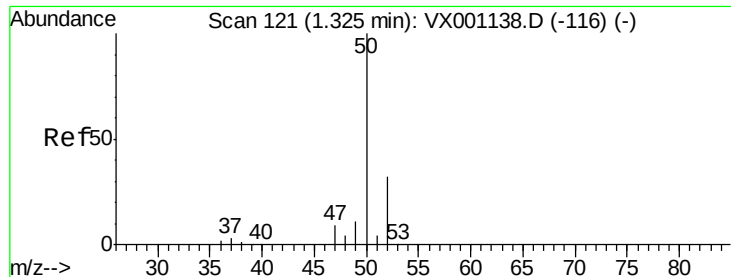
87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

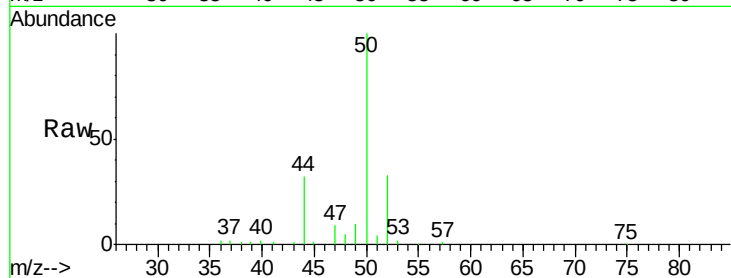
VSTDIC005

Tgt Ion: 50 Resp: 11968

Ion Ratio Lower Upper

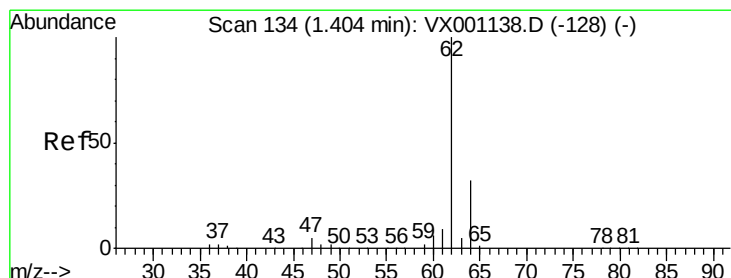
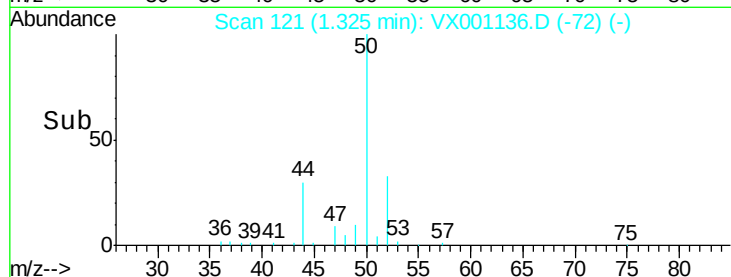
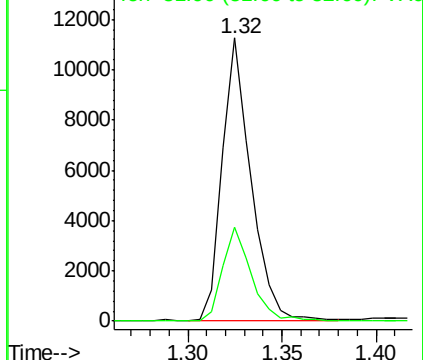
50 100

52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001136.D

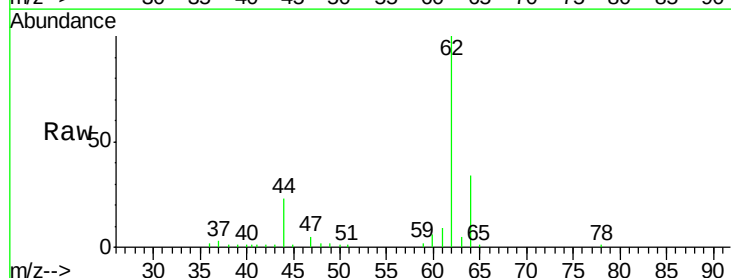
Acq: 26 Apr 2018 17:29

Tgt Ion: 62 Resp: 12750

Ion Ratio Lower Upper

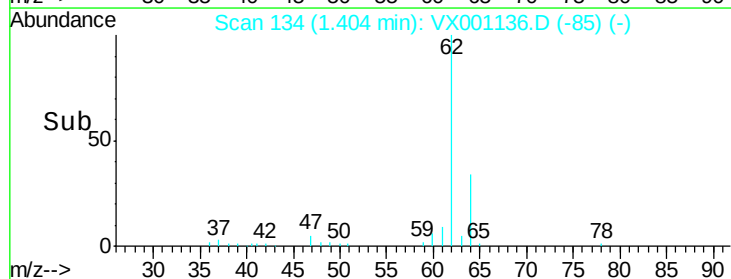
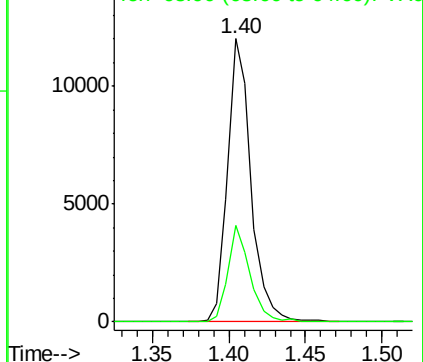
62 100

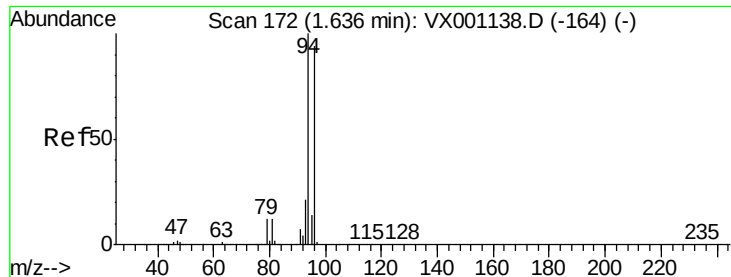
64 34.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

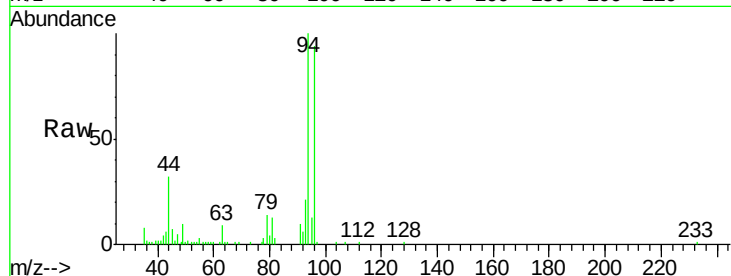
VSTDIC005

Tgt Ion: 94 Resp: 8630

Ion Ratio Lower Upper

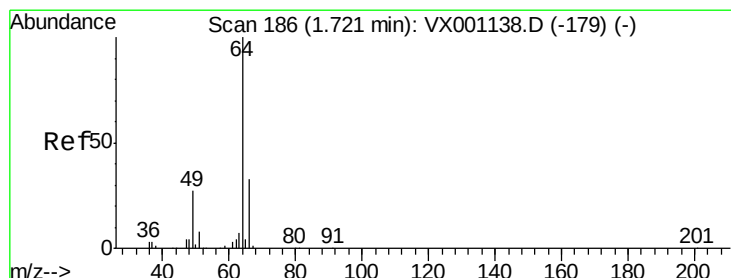
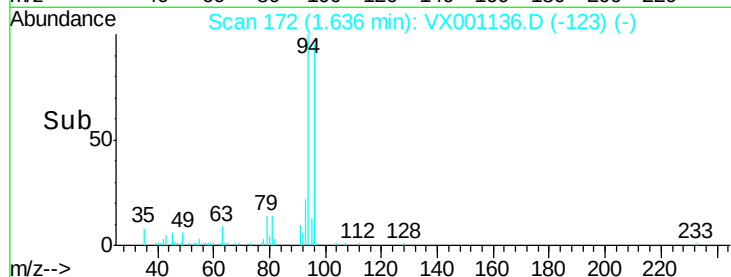
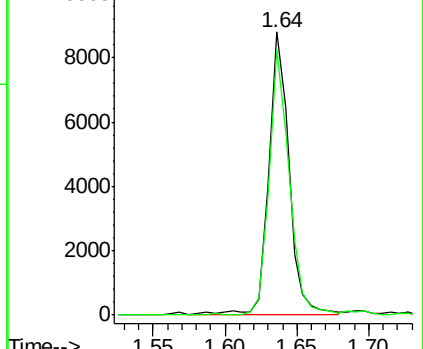
94 100

96 93.7 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.15 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001136.D

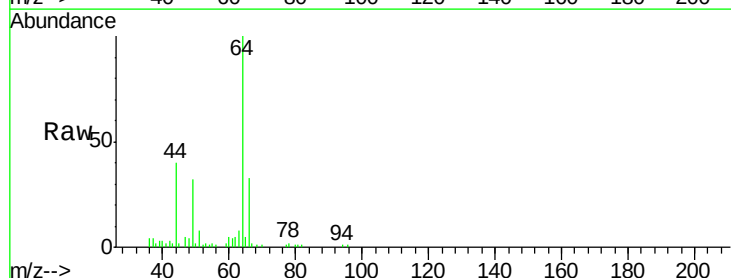
Acq: 26 Apr 2018 17:29

Tgt Ion: 64 Resp: 8156

Ion Ratio Lower Upper

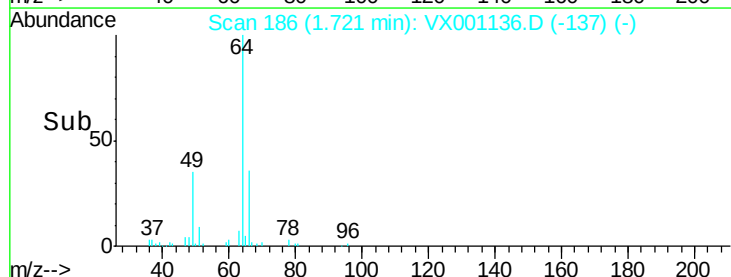
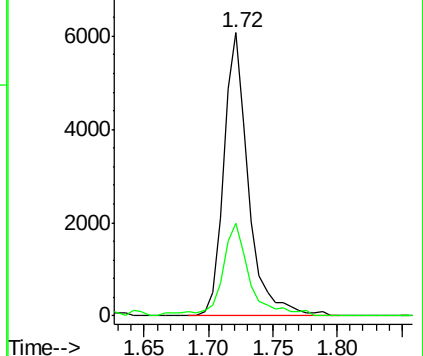
64 100

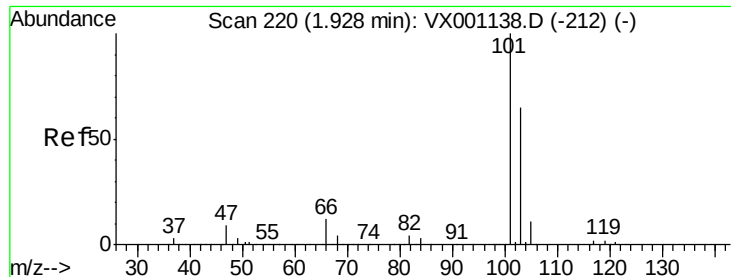
66 32.9 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 5.42 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

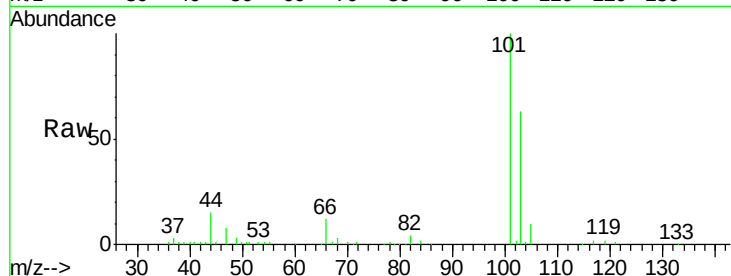
VSTDIC005

Tgt Ion:101 Resp: 21569

Ion Ratio Lower Upper

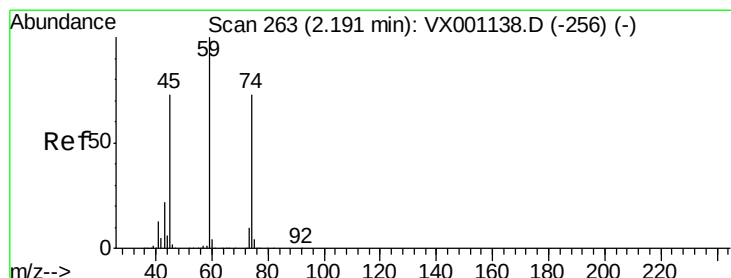
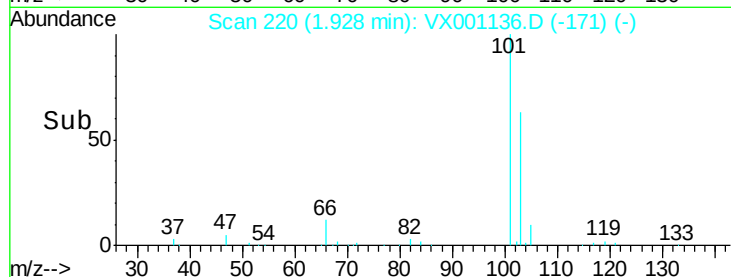
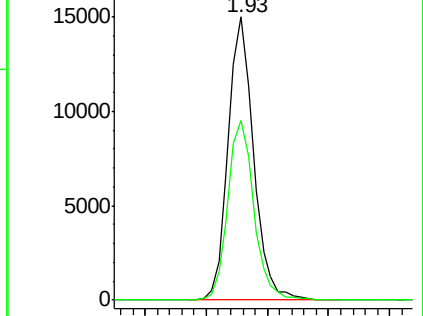
101 100

103 63.4 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.22 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX001136.D

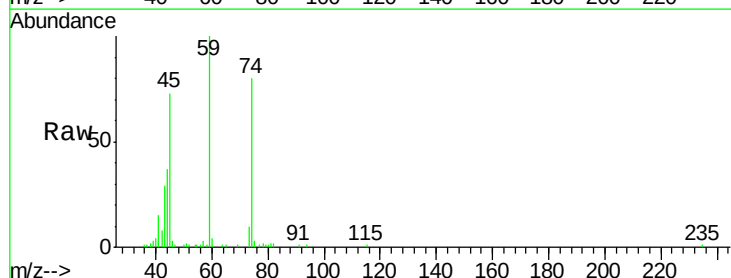
Acq: 26 Apr 2018 17:29

Tgt Ion: 74 Resp: 7795

Ion Ratio Lower Upper

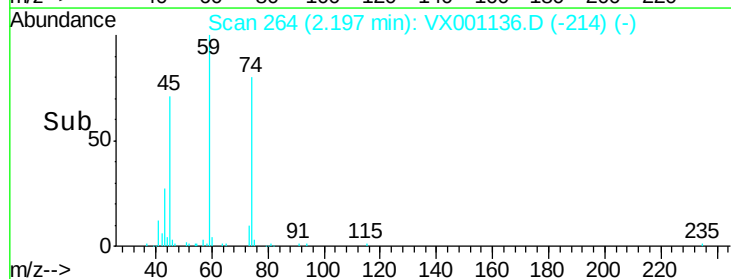
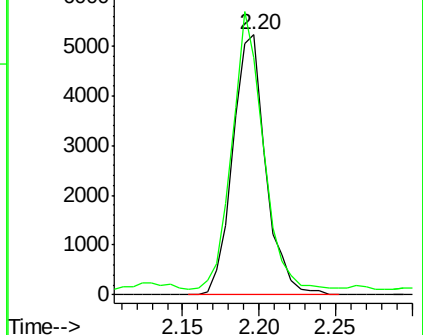
74 100

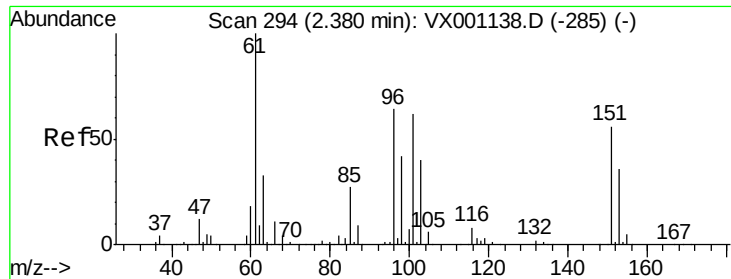
45 101.3 49.5 148.7



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: 5.25 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

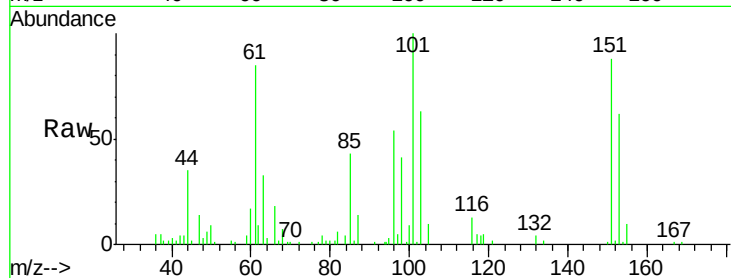
Tgt Ion:101 Resp: 12143

Ion Ratio Lower Upper

101 100

85 43.5 35.4 53.0

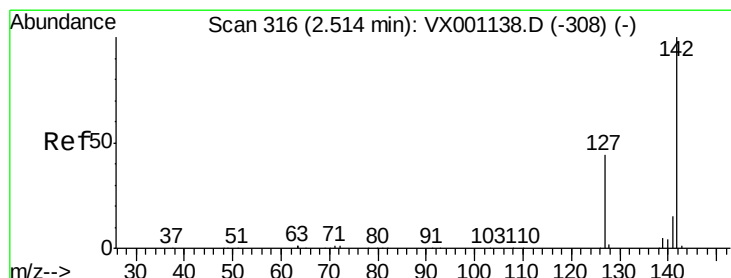
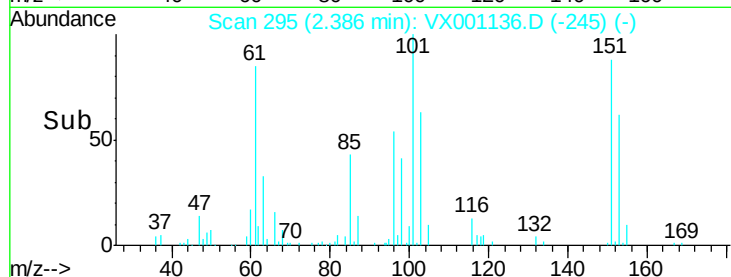
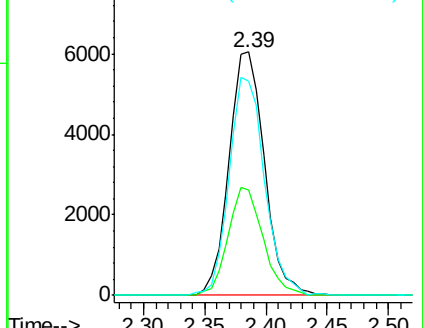
151 89.5 74.2 111.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.51 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

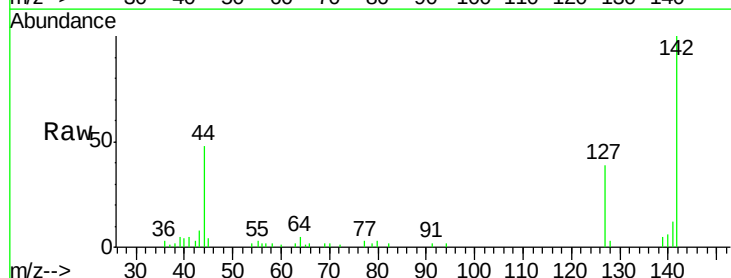
Tgt Ion:142 Resp: 6893

Ion Ratio Lower Upper

142 100

127 42.6 34.7 52.1

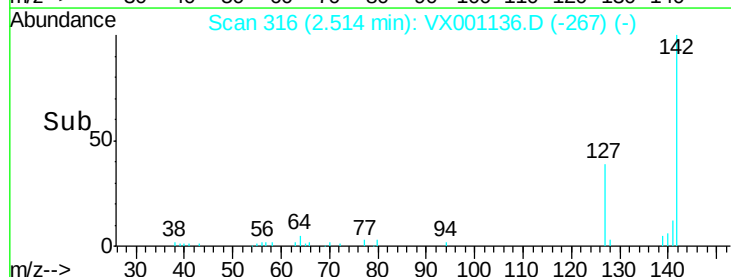
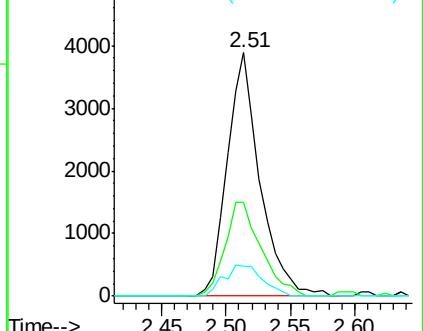
141 15.2 11.6 17.4

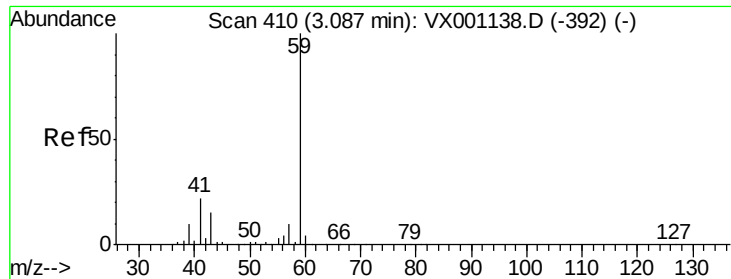


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

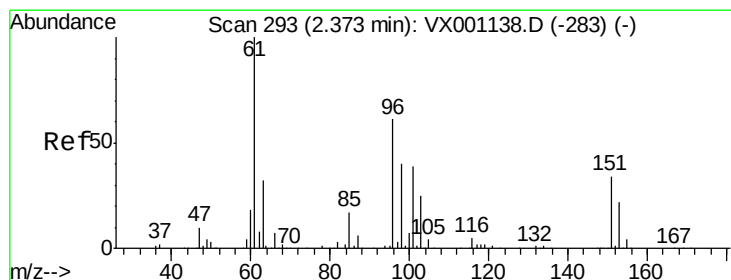
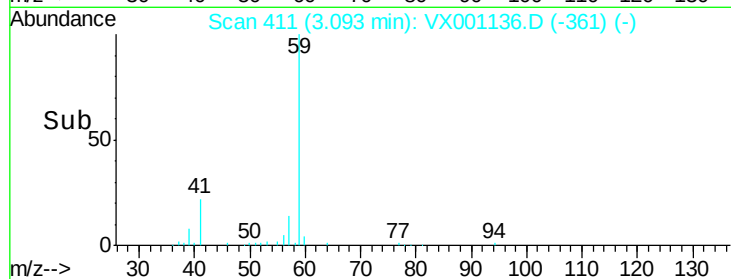
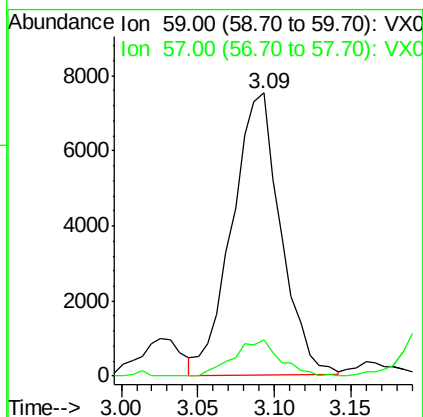
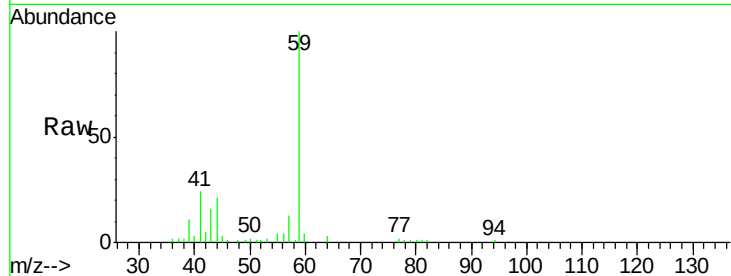




#11
Tert butyl alcohol
Concen: 34.42 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

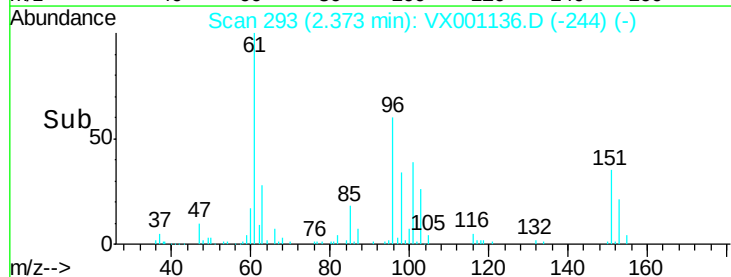
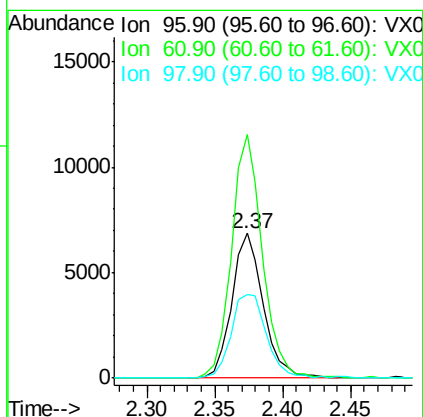
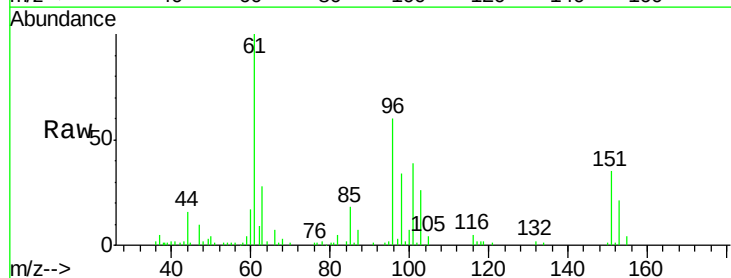
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

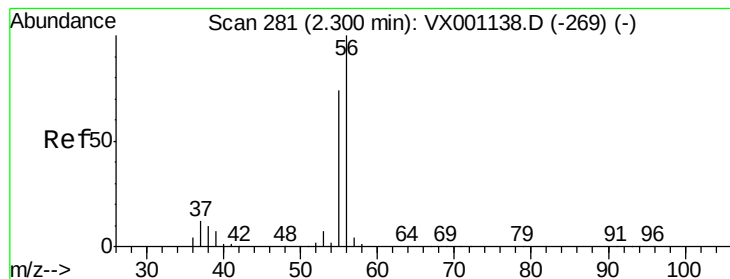
Tgt Ion: 59 Resp: 16539
Ion Ratio Lower Upper
59 100
57 12.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 5.08 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 96 Resp: 10971
Ion Ratio Lower Upper
96 100
61 167.9 130.2 195.4
98 57.6 51.5 77.3





#13

Acrolein

Concen: 45.15 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

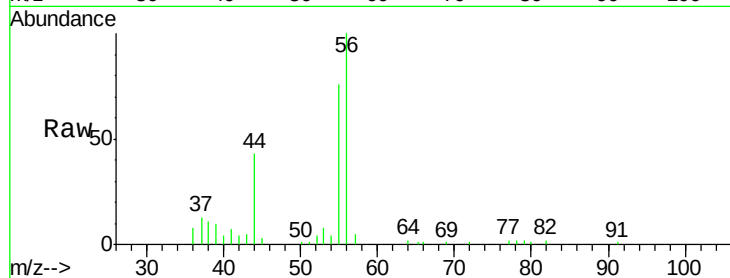
VSTDIC005

Tgt Ion: 56 Resp: 7320

Ion Ratio Lower Upper

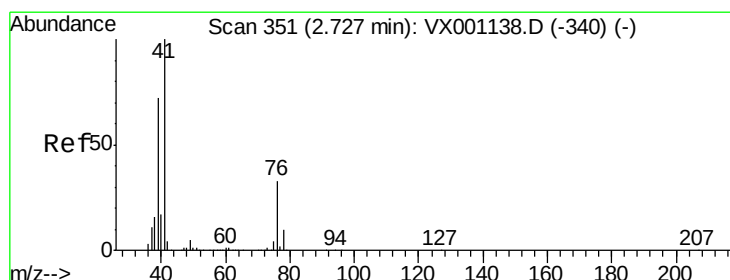
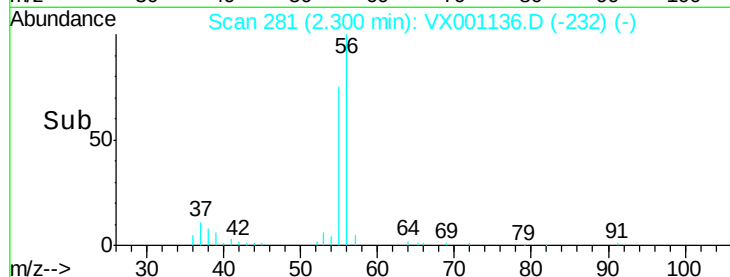
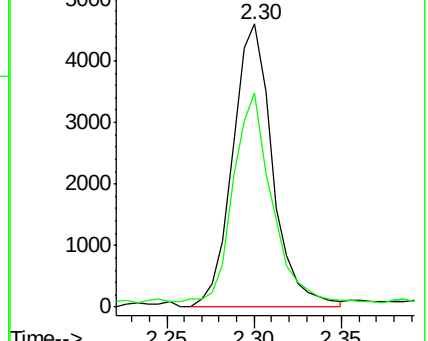
56 100

55 70.6 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.88 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

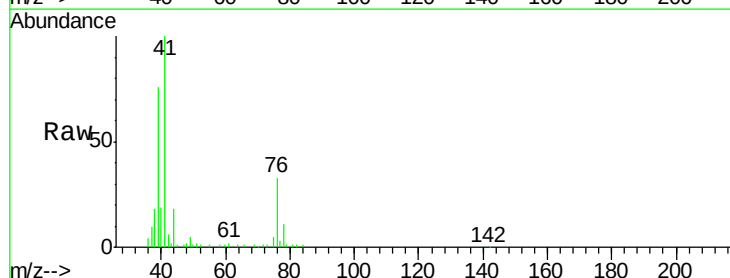
Tgt Ion: 41 Resp: 19285

Ion Ratio Lower Upper

41 100

39 73.8 55.6 83.4

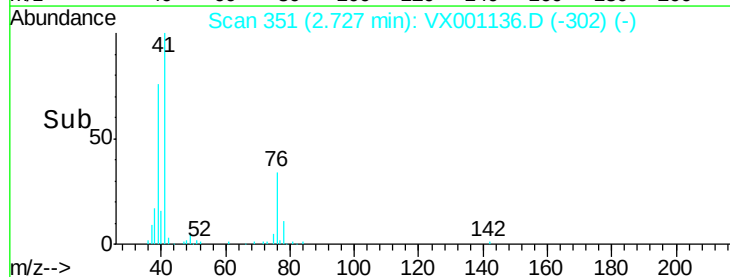
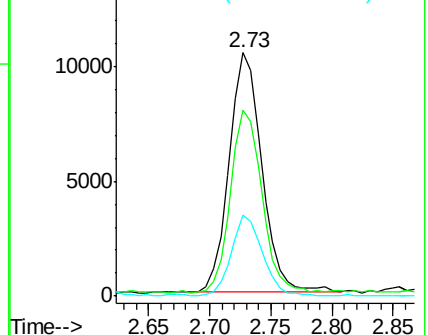
76 32.1 24.8 37.2

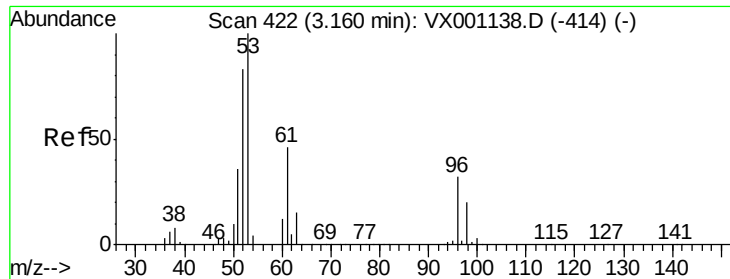


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 28.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

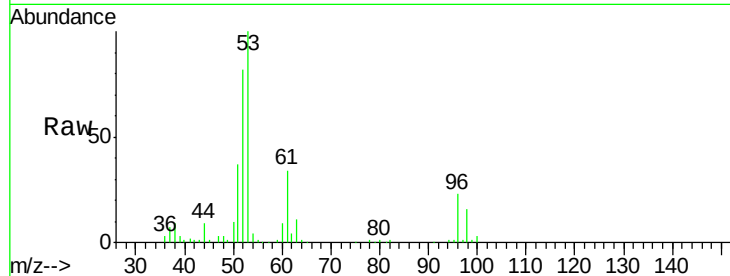
Tgt Ion: 53 Resp: 34603

Ion Ratio Lower Upper

53 100

52 86.3 66.5 99.7

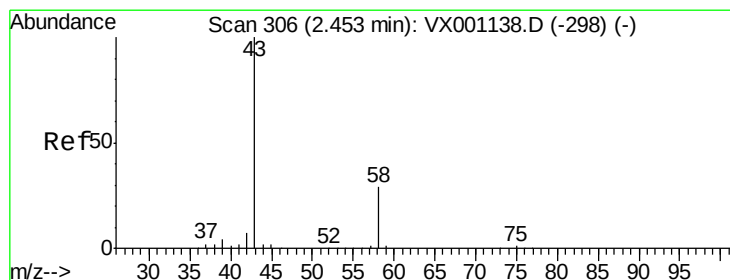
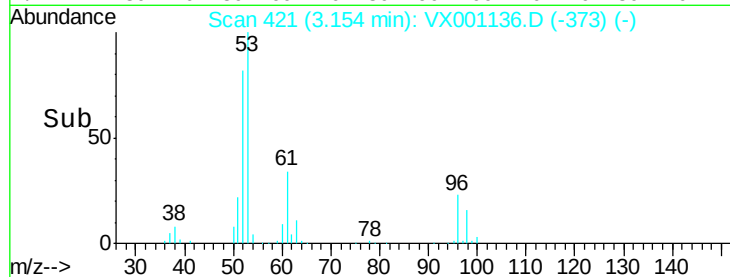
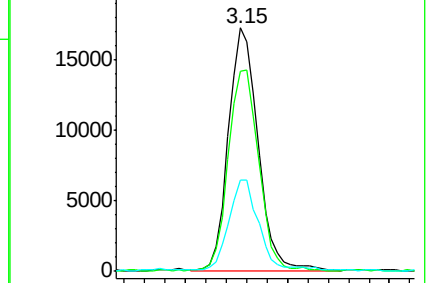
51 37.8 29.5 44.3



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



#16

Acetone

Concen: 32.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001136.D

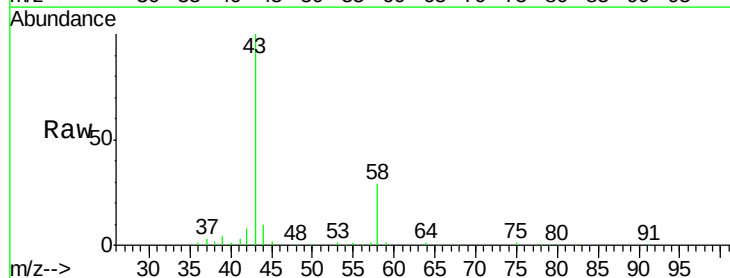
Acq: 26 Apr 2018 17:29

Tgt Ion: 43 Resp: 36084

Ion Ratio Lower Upper

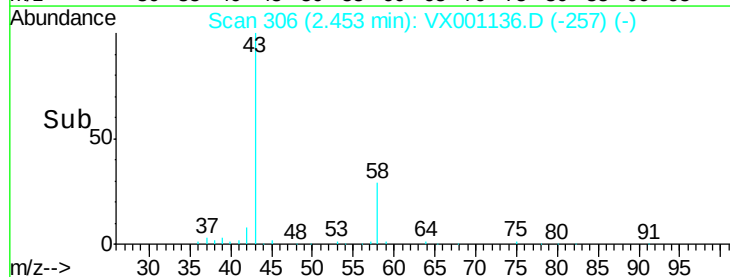
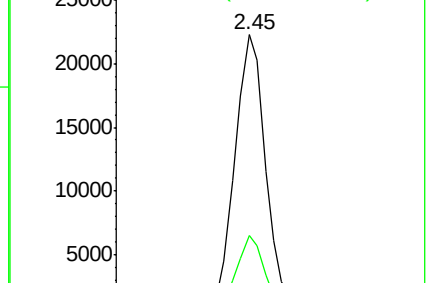
43 100

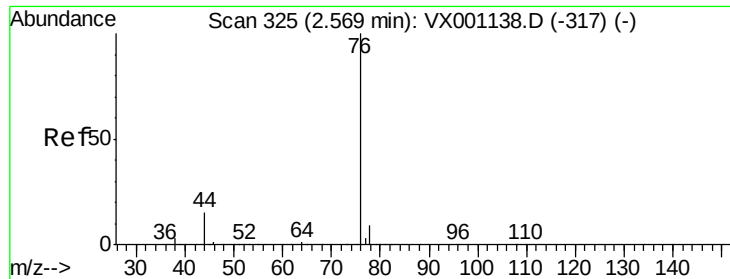
58 29.2 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

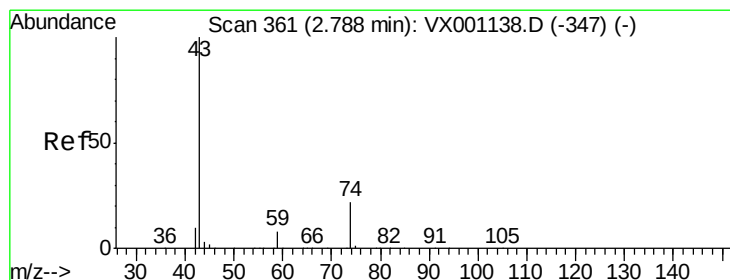
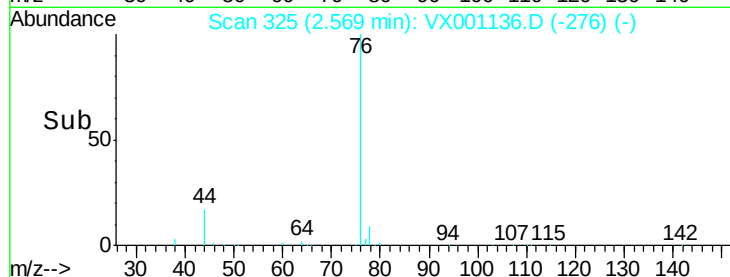
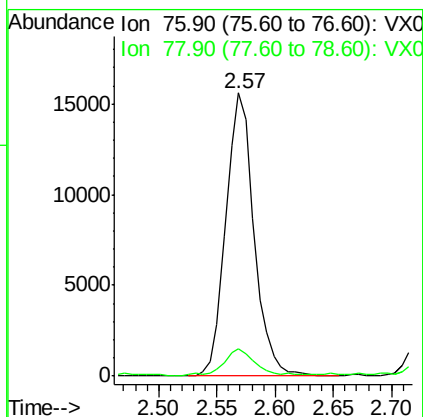
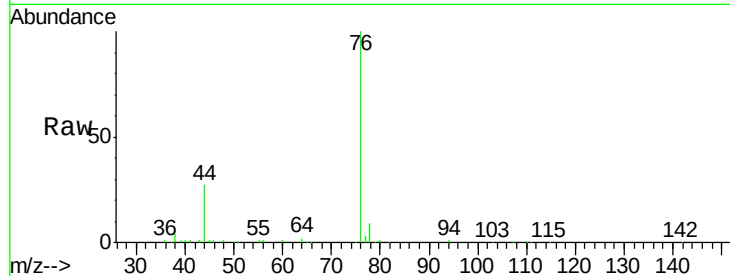




#17
Carbon Disulfide
Concen: 4.33 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

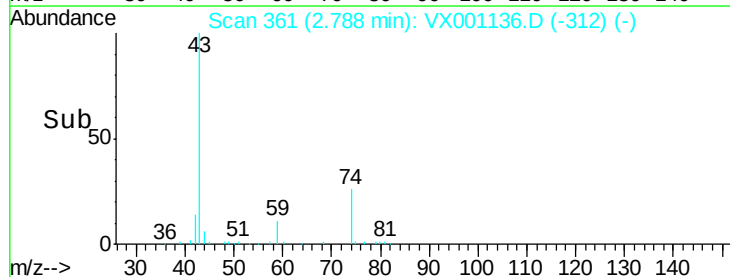
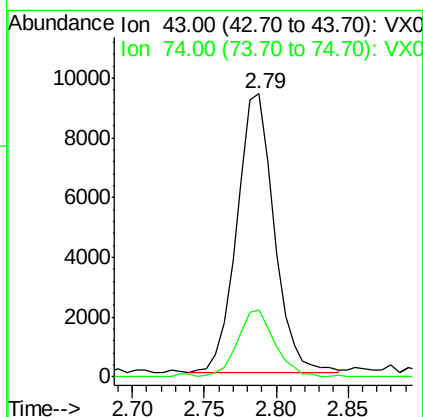
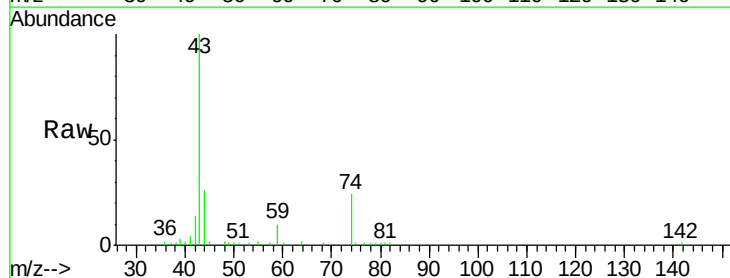
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

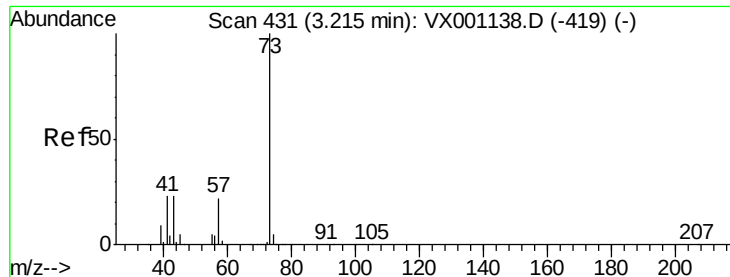
Tgt Ion: 76 Resp: 26276
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 5.19 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 43 Resp: 16766
Ion Ratio Lower Upper
43 100
74 23.9 18.1 27.1





#19

Methyl tert-butyl Ether

Concen: 5.38 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

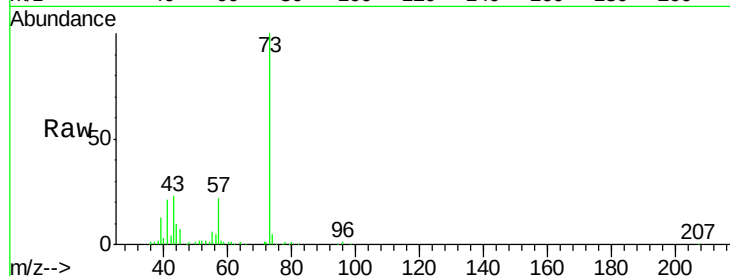
VSTDIC005

Tgt Ion: 73 Resp: 39923

Ion Ratio Lower Upper

73 100

57 21.9 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

15000

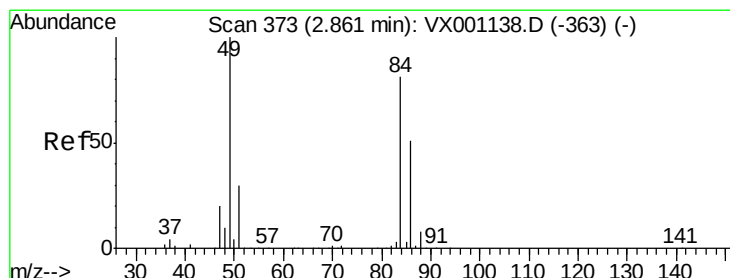
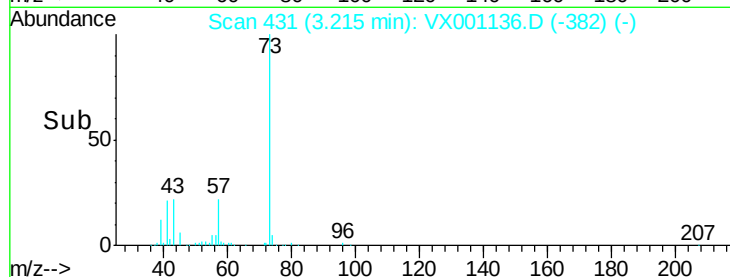
10000

5000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 5.18 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Tgt Ion: 84 Resp: 12924

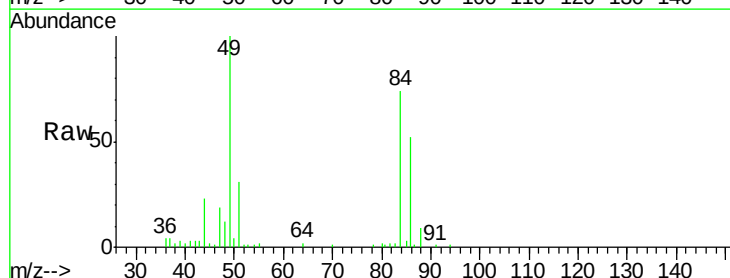
Ion Ratio Lower Upper

84 100

49 134.7 99.2 148.8

51 41.9 29.5 44.3

86 69.9 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

12000

10000

8000

6000

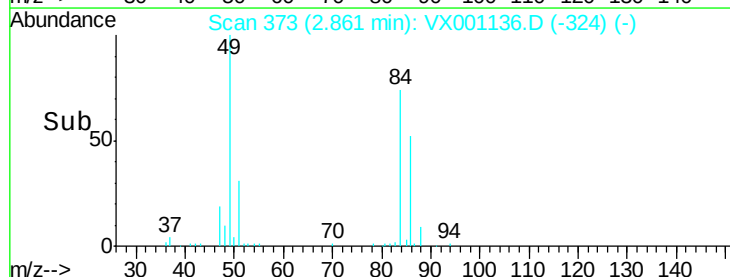
4000

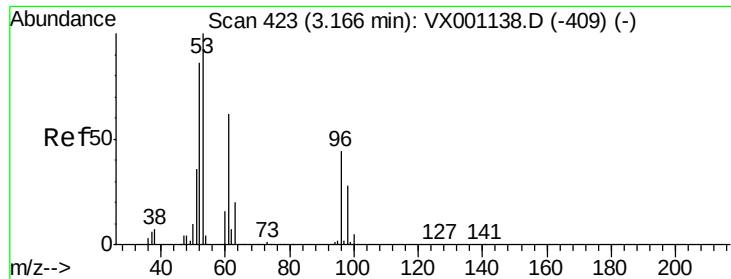
2000

0

Time-->

2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 5.05 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

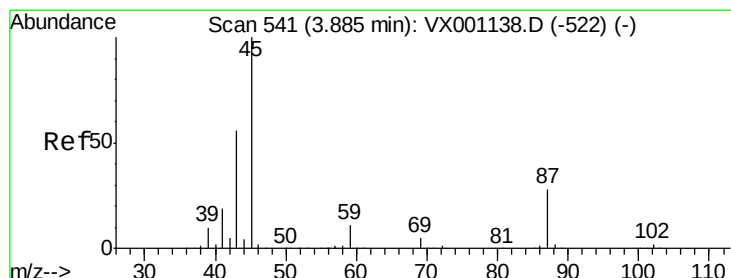
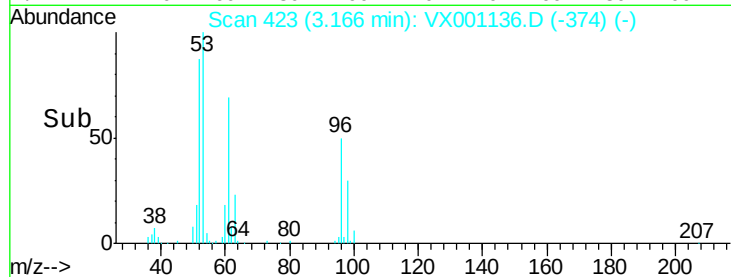
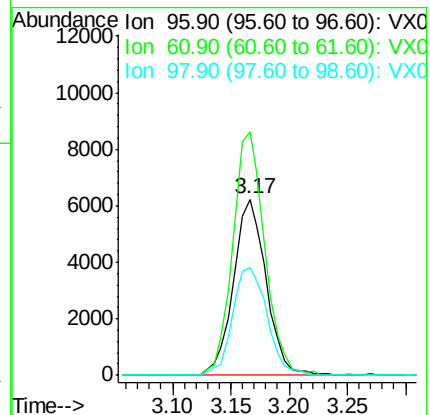
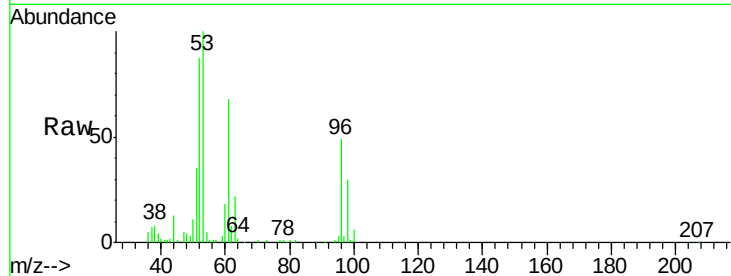
Tgt Ion: 96 Resp: 12203

Ion Ratio Lower Upper

96 100

61 138.1 111.9 167.9

98 61.1 51.1 76.7



#22

Diisopropyl ether

Concen: 5.10 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Tgt Ion: 45 Resp: 38999

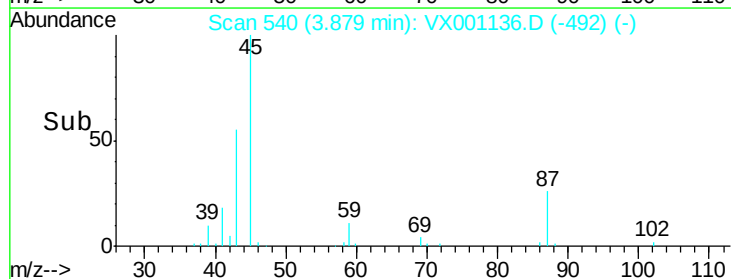
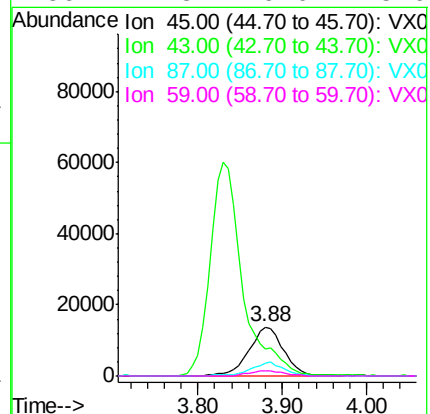
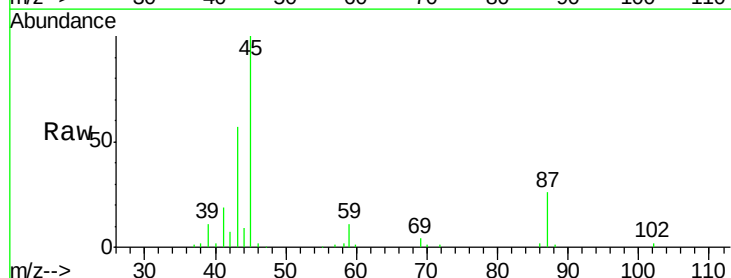
Ion Ratio Lower Upper

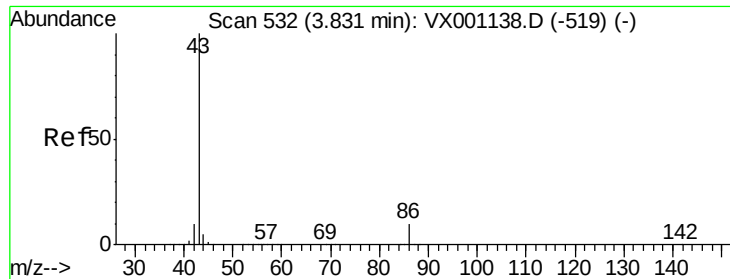
45 100

43 54.3 45.0 67.4

87 26.1 22.8 34.2

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 24.93 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

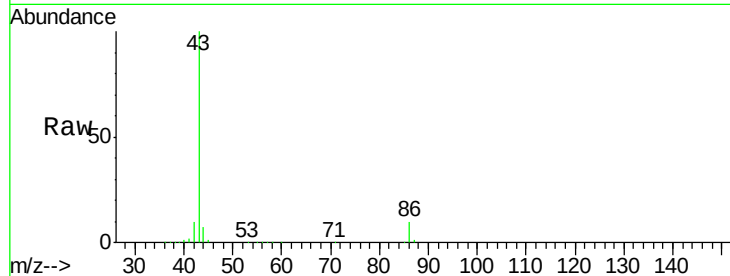
VSTDIC005

Tgt Ion: 43 Resp: 159936

Ion Ratio Lower Upper

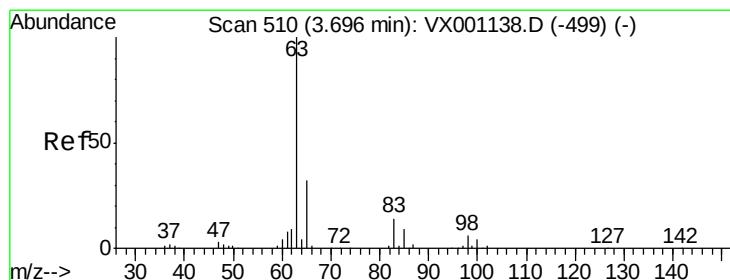
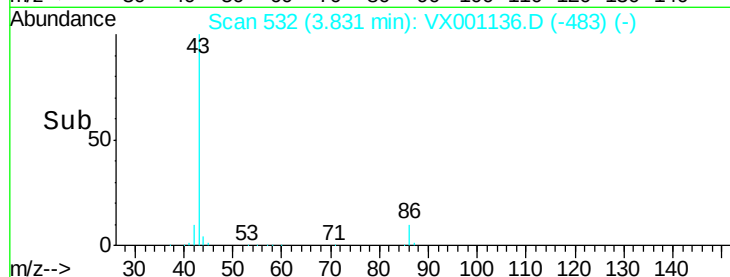
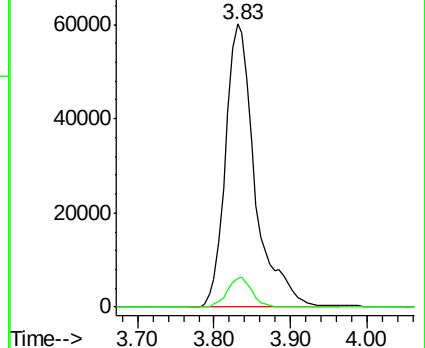
43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 4.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

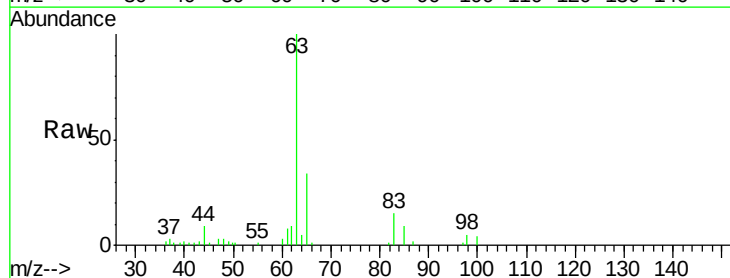
Tgt Ion: 63 Resp: 20770

Ion Ratio Lower Upper

63 100

98 5.5 3.1 9.4

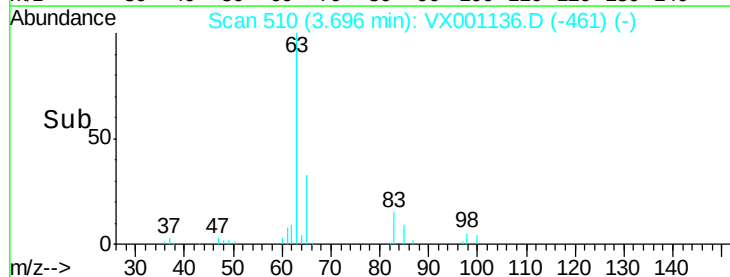
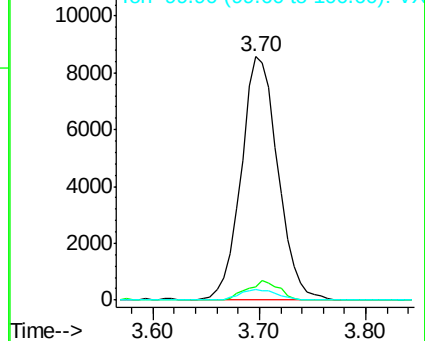
100 4.4 2.1 6.5

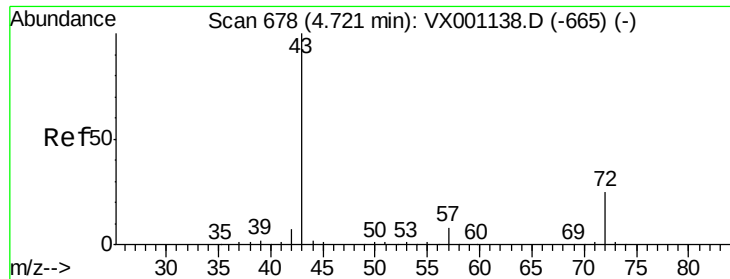


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 29.12 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

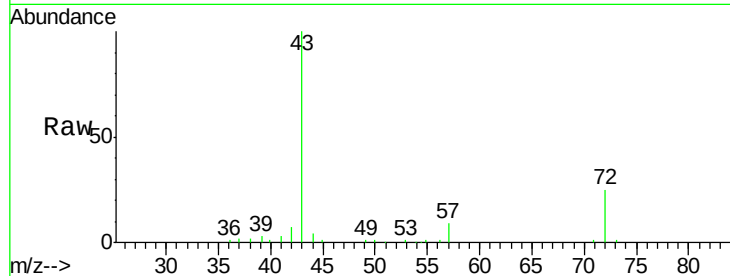
VSTDIC005

Tgt Ion: 43 Resp: 50411

Ion Ratio Lower Upper

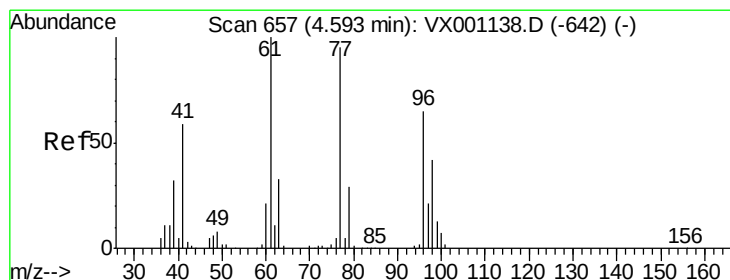
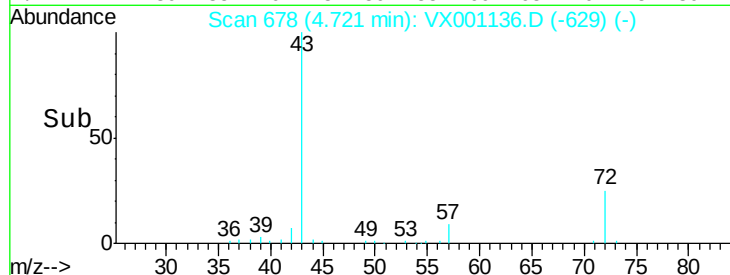
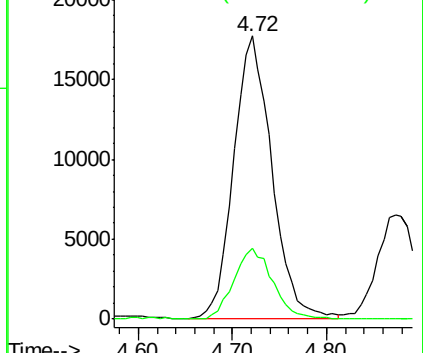
43 100

72 24.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.43 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001136.D

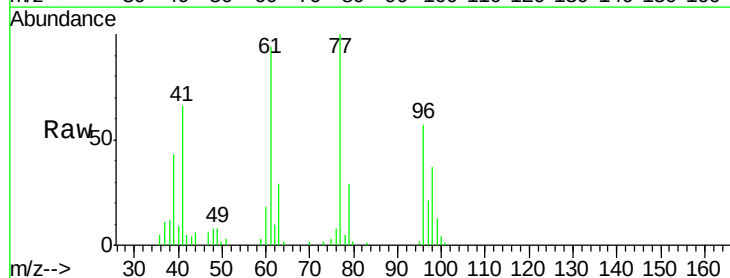
Acq: 26 Apr 2018 17:29

Tgt Ion: 77 Resp: 15924

Ion Ratio Lower Upper

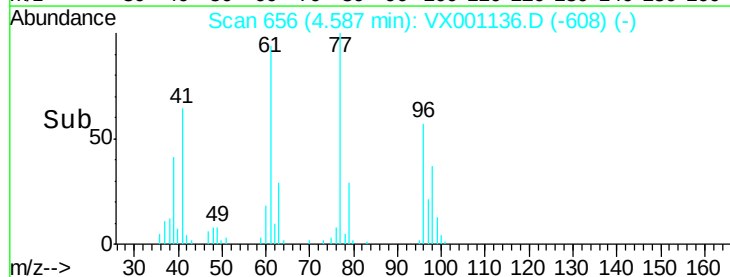
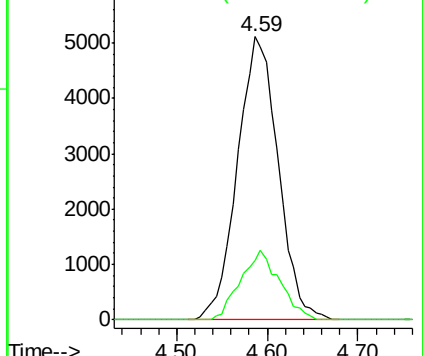
77 100

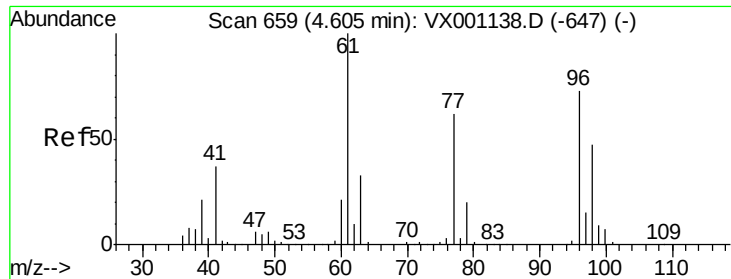
97 23.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 4.96 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

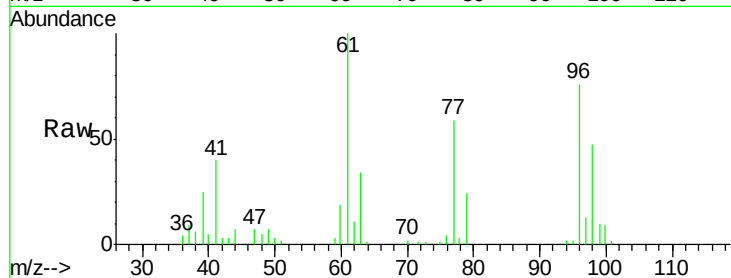
Tgt Ion: 96 Resp: 13315

Ion Ratio Lower Upper

96 100

61 144.3 0.0 289.0

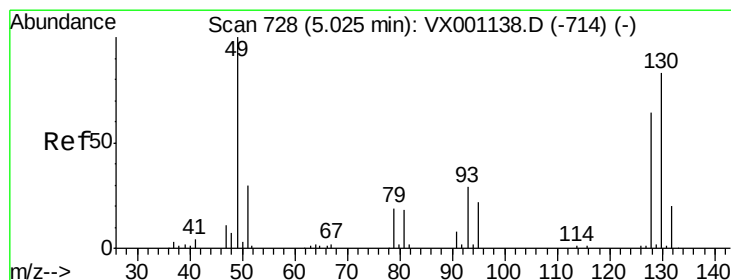
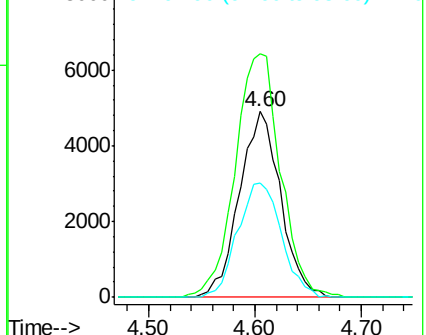
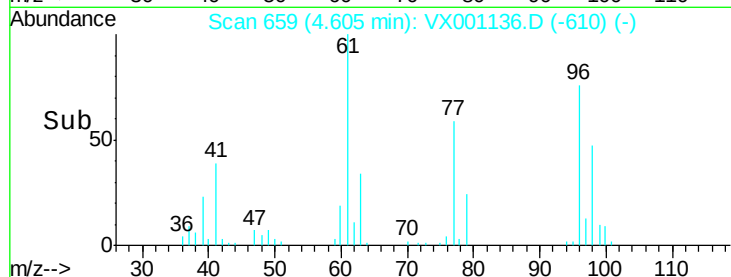
98 65.5 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 5.41 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

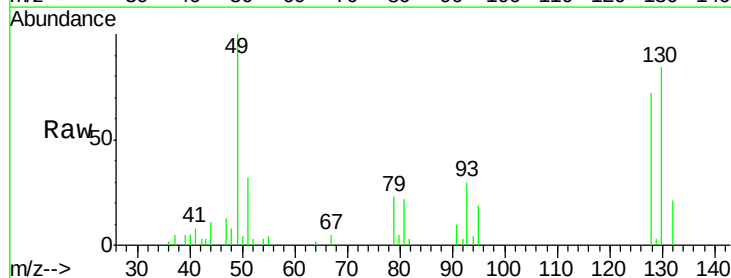
Tgt Ion: 49 Resp: 9155

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

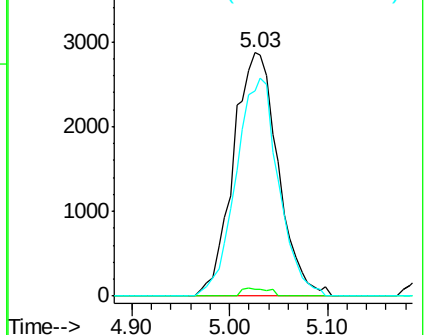
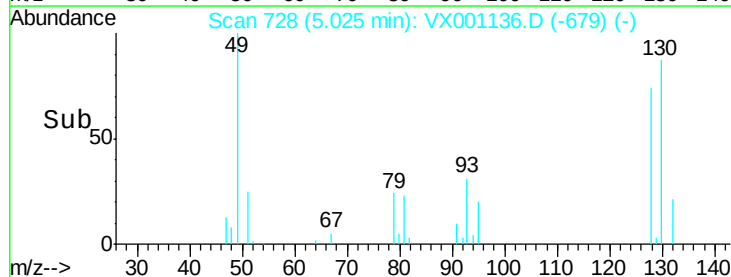
130 84.8 68.2 102.2

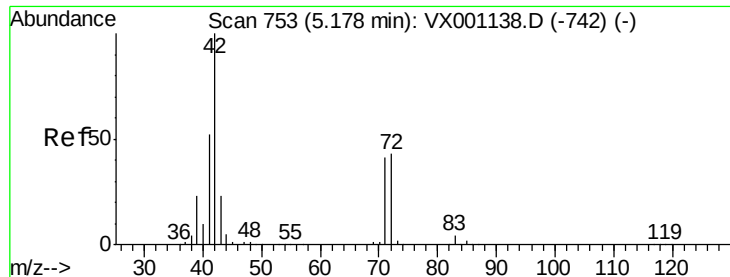


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

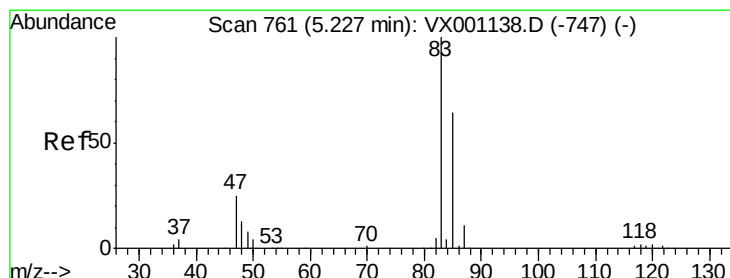
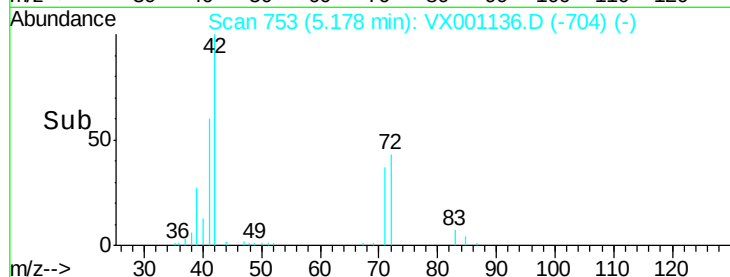
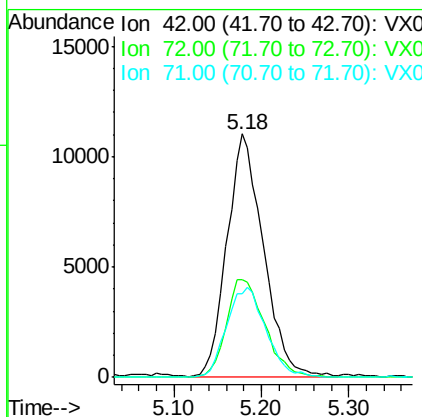
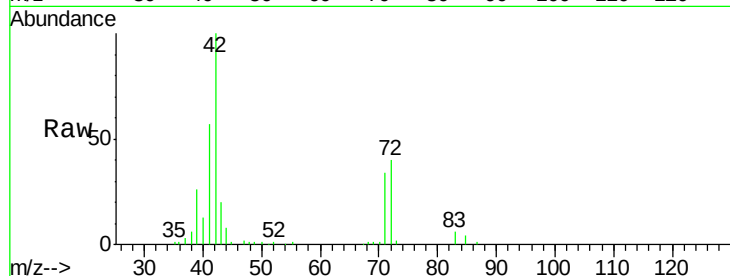




#29
Tetrahydrofuran
Concen: 29.29 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

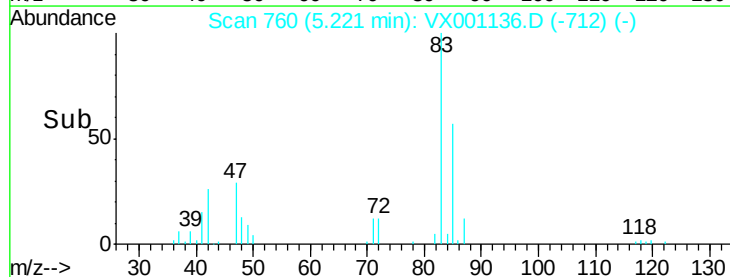
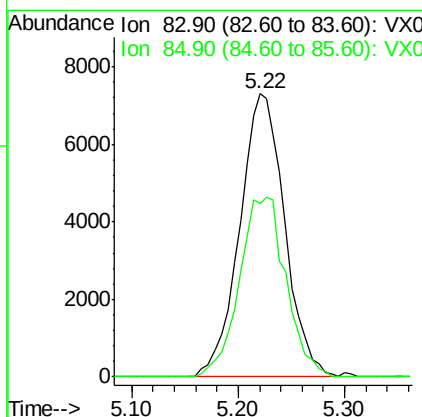
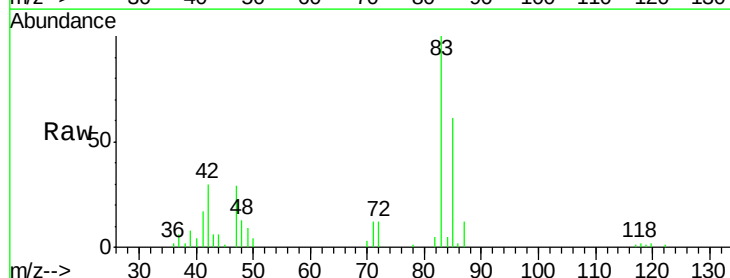
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

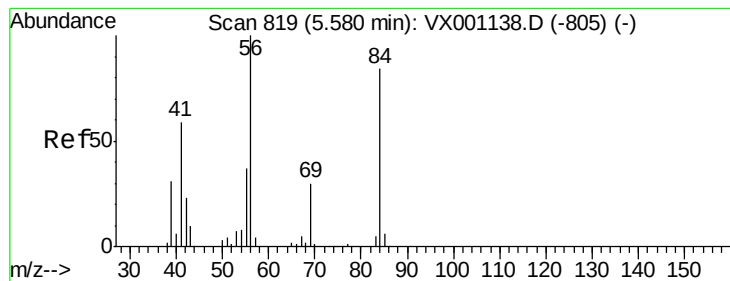
Tgt Ion: 42 Resp: 32087
Ion Ratio Lower Upper
42 100
72 42.3 34.4 51.6
71 39.7 32.1 48.1



#30
Chloroform
Concen: 4.88 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 83 Resp: 21594
Ion Ratio Lower Upper
83 100
85 61.2 51.4 77.0





#31

Cyclohexane

Concen: 4.57 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

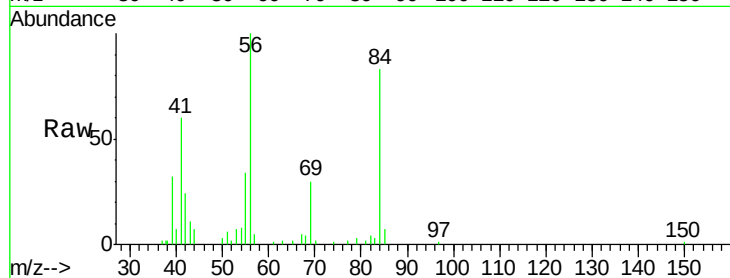
Tgt Ion: 56 Resp: 17851

Ion Ratio Lower Upper

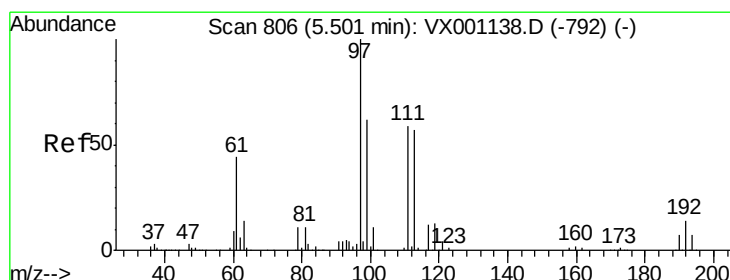
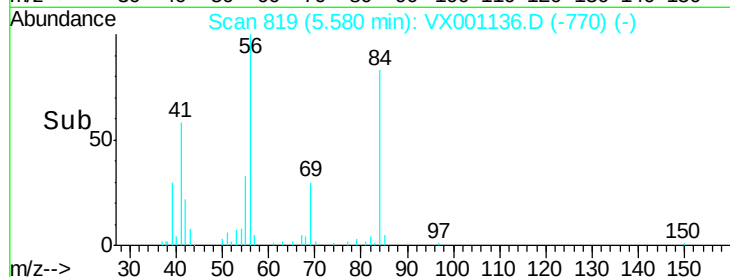
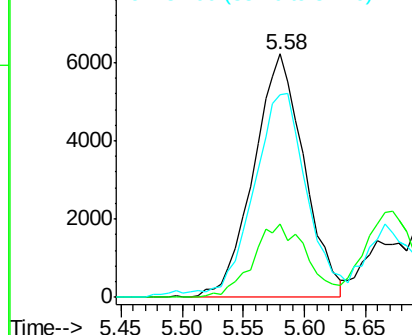
56 100

69 30.0 24.2 36.2

84 80.8 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 4.64 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

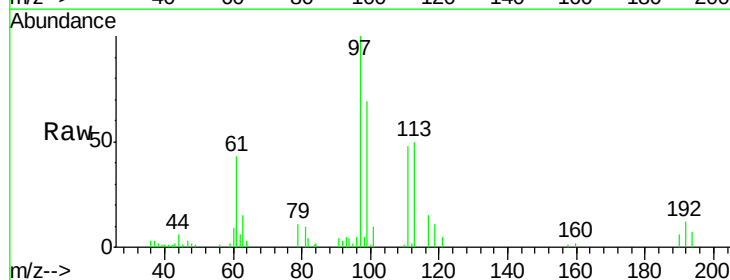
Tgt Ion: 97 Resp: 18271

Ion Ratio Lower Upper

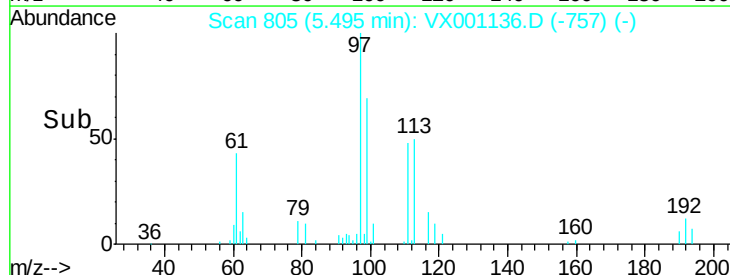
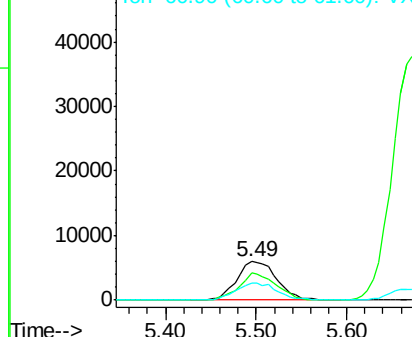
97 100

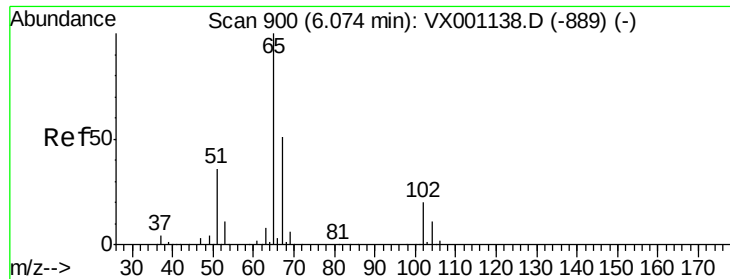
99 65.2 50.9 76.3

61 45.5 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 5.73 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

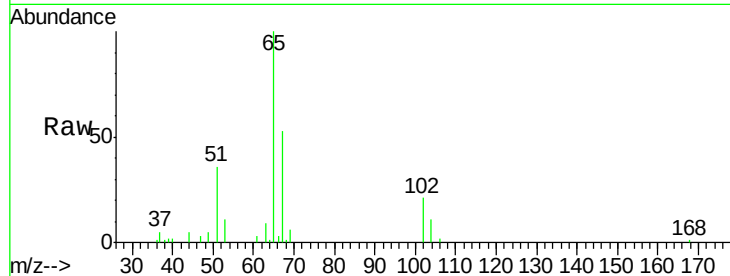
VSTDIC005

Tgt Ion: 65 Resp: 16575

Ion Ratio Lower Upper

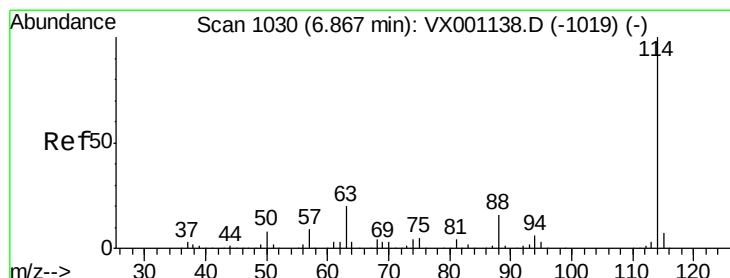
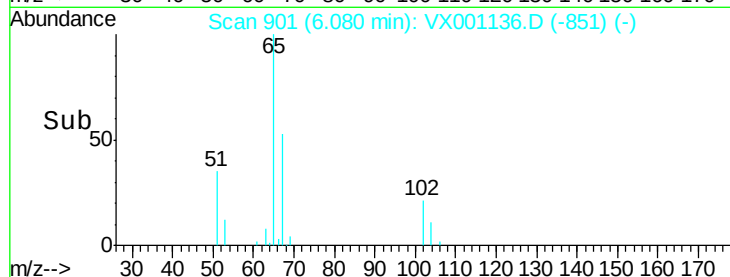
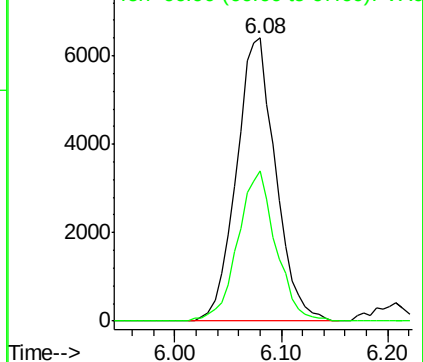
65 100

67 51.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

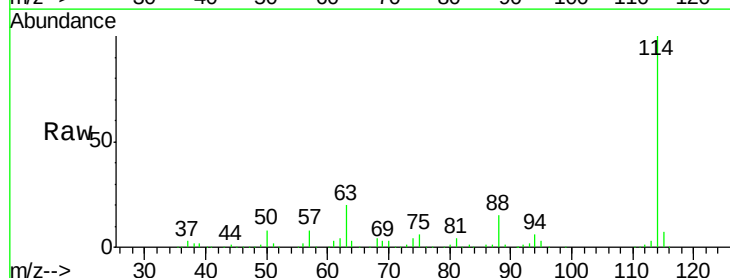
Tgt Ion: 114 Resp: 302945

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

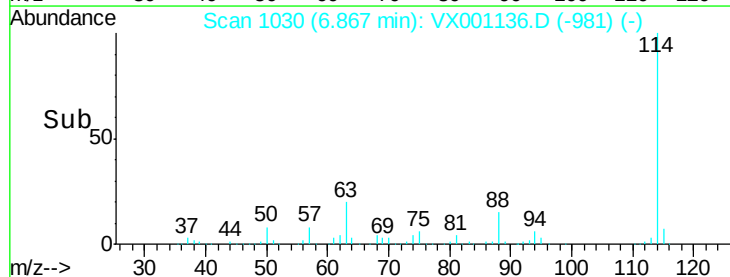
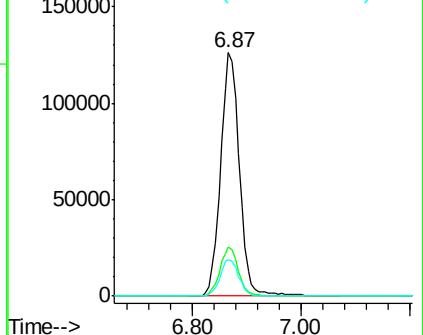
88 14.9 0.0 31.8

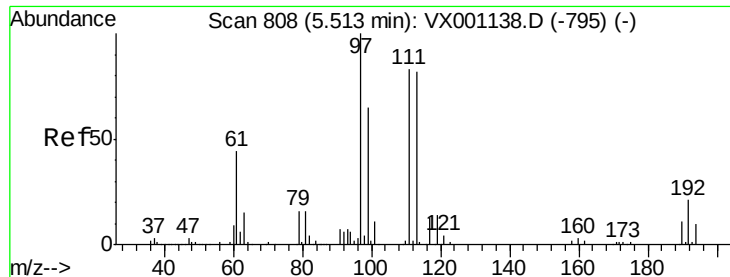


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

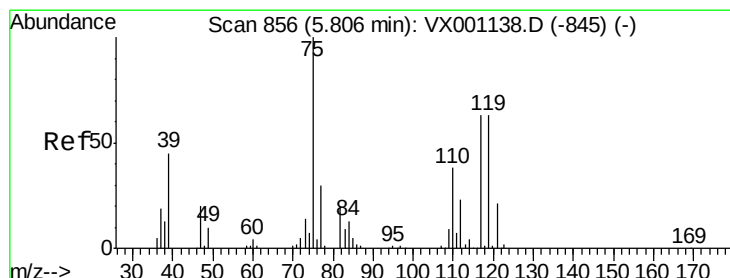
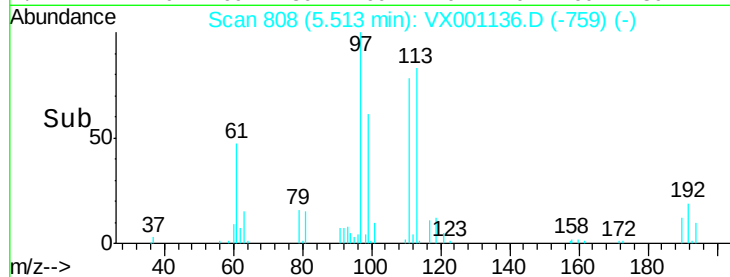
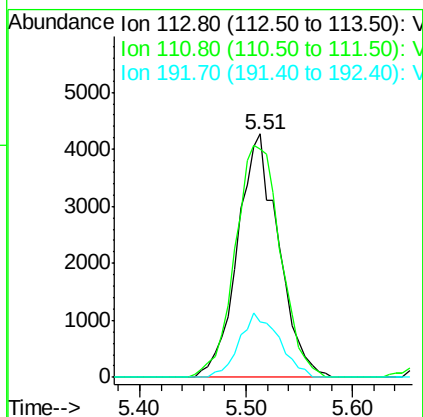
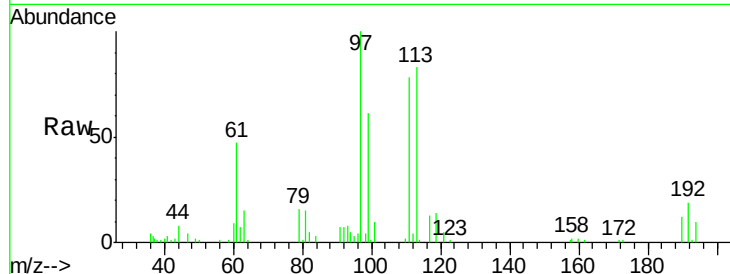




#35
 Dibromofluoromethane
 Concen: 4.92 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

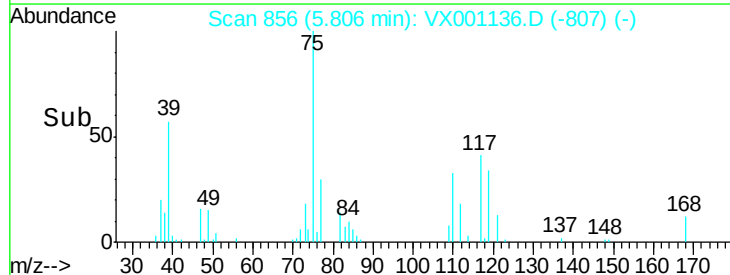
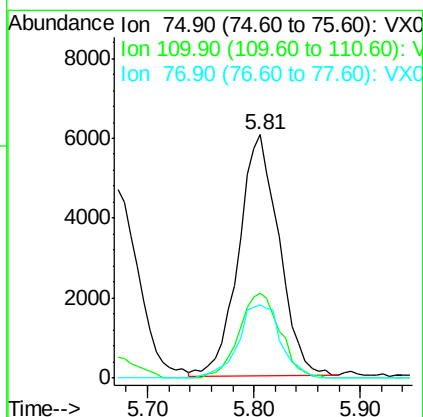
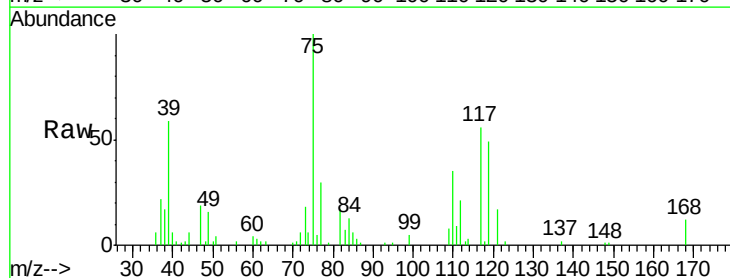
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

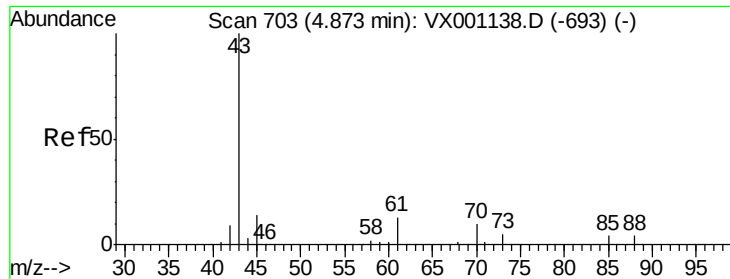
Tgt Ion:113 Resp: 11515
 Ion Ratio Lower Upper
 113 100
 111 105.5 82.2 123.4
 192 25.6 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion: 75 Resp: 16123
 Ion Ratio Lower Upper
 75 100
 110 35.9 19.0 57.0
 77 32.0 24.8 37.2

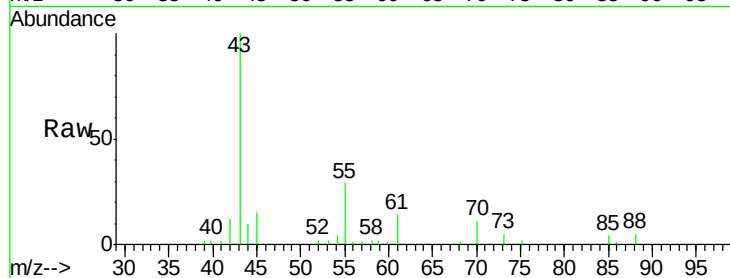




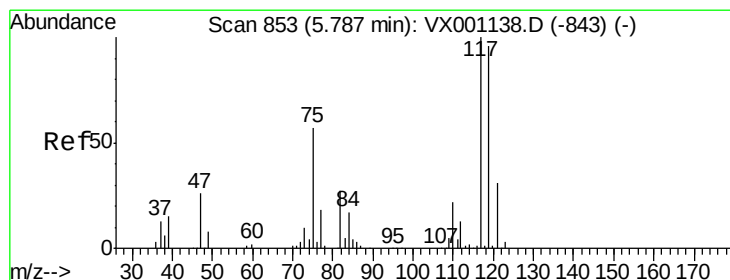
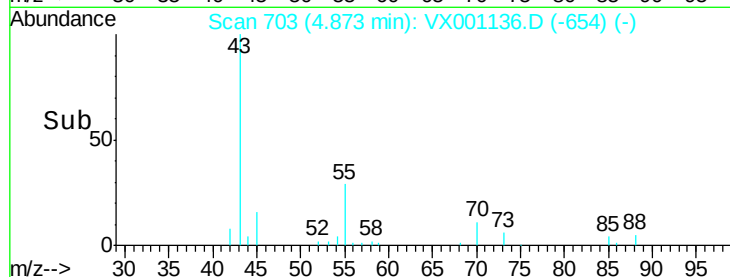
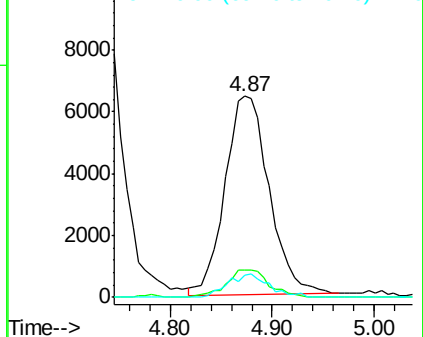
#37
Ethyl Acetate
Concen: 5.70 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 19253
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 11.0 8.2 12.2

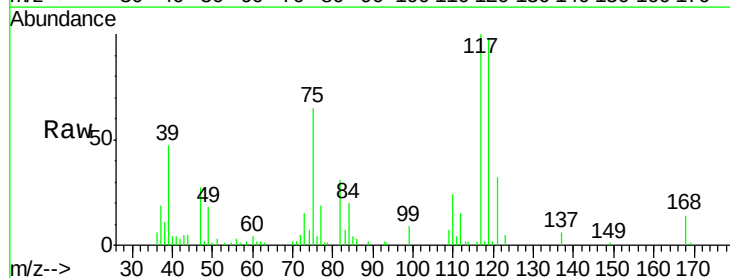


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

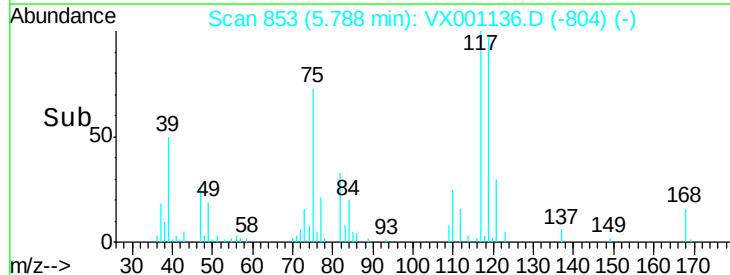
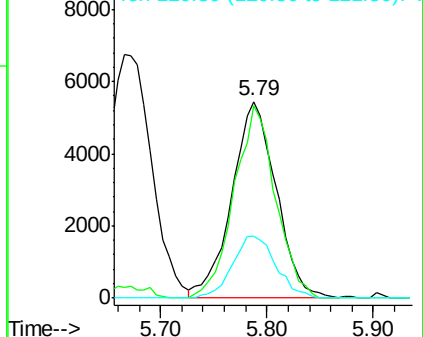


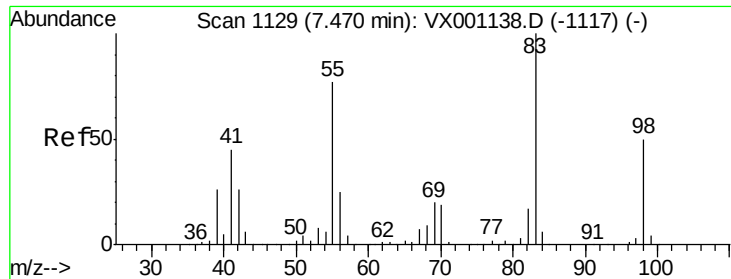
#38
Carbon Tetrachloride
Concen: 4.47 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 117 Resp: 15925
Ion Ratio Lower Upper
117 100
119 98.0 76.5 114.7
121 31.8 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

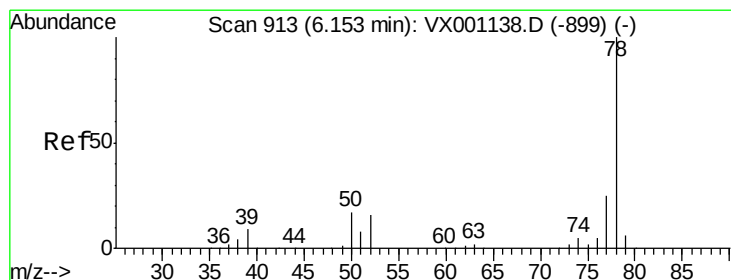
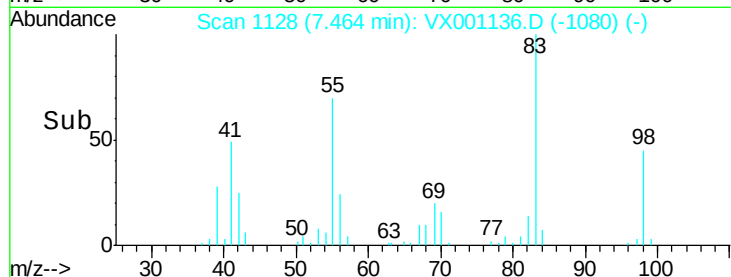
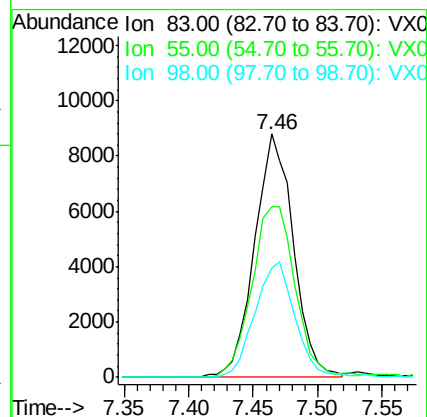
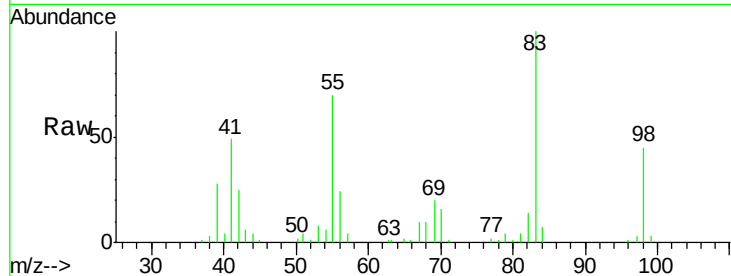




#39
Methylcyclohexane
Concen: 4.52 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

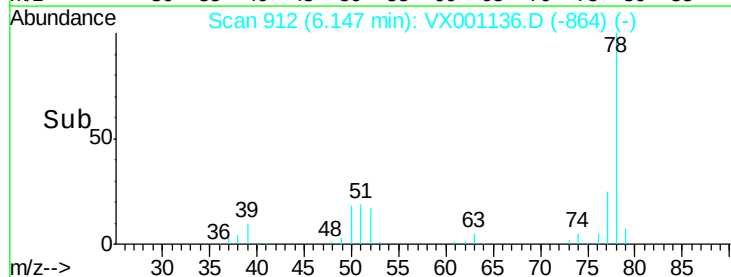
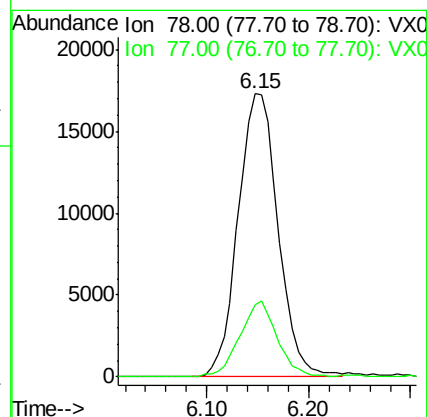
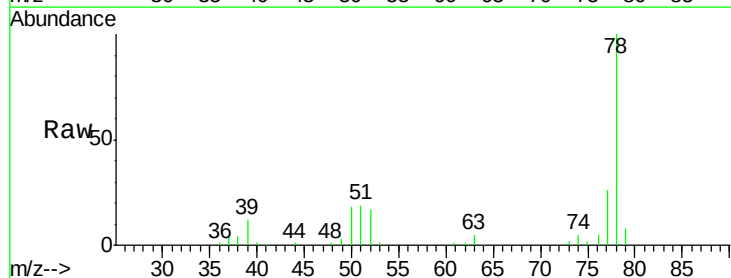
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

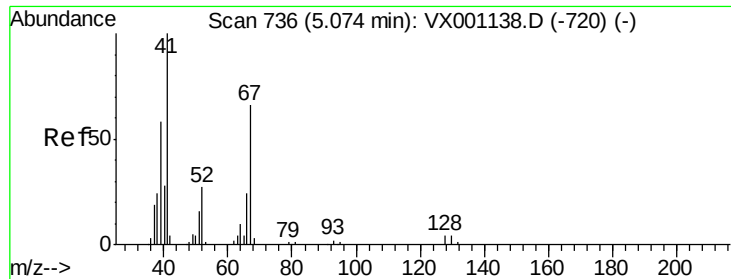
Tgt Ion: 83 Resp: 18329
Ion Ratio Lower Upper
83 100
55 70.3 61.8 92.6
98 45.1 40.0 60.0



#40
Benzene
Concen: 4.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 78 Resp: 47027
Ion Ratio Lower Upper
78 100
77 25.6 19.7 29.5

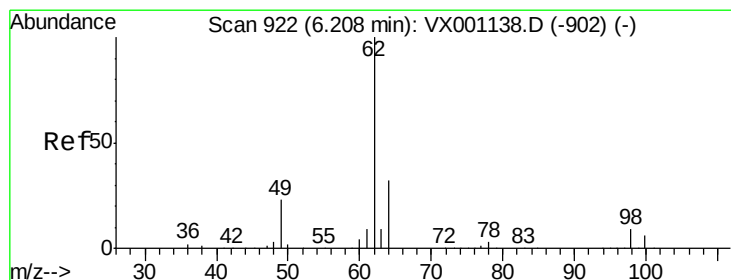
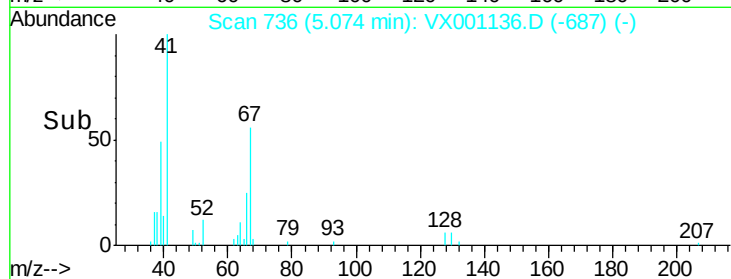
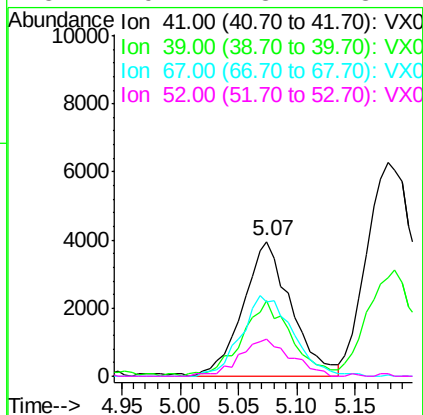
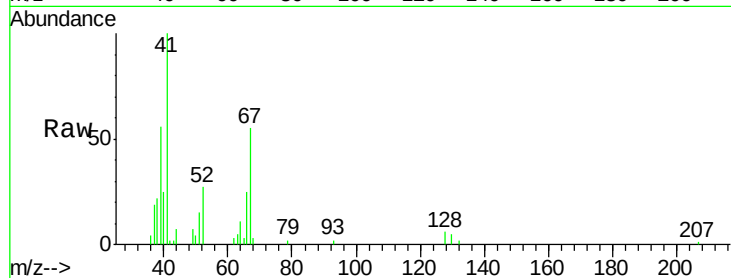




#41
Methacrylonitrile
Concen: 5.47 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

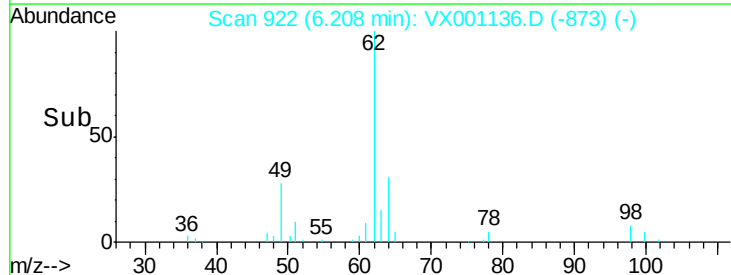
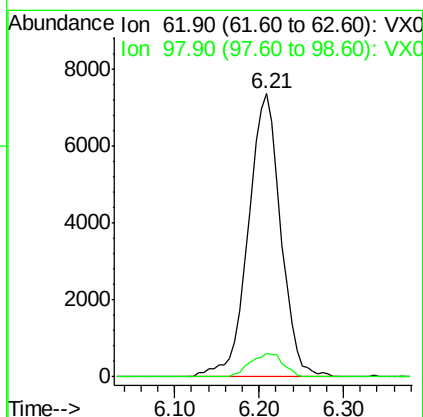
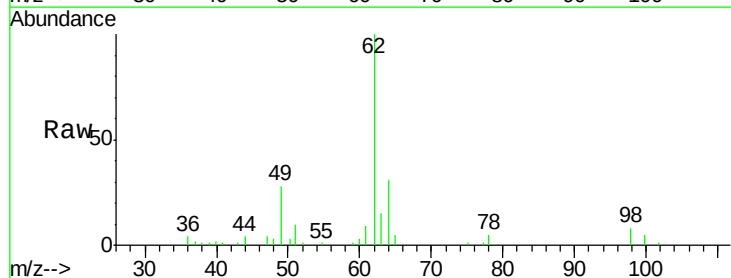
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

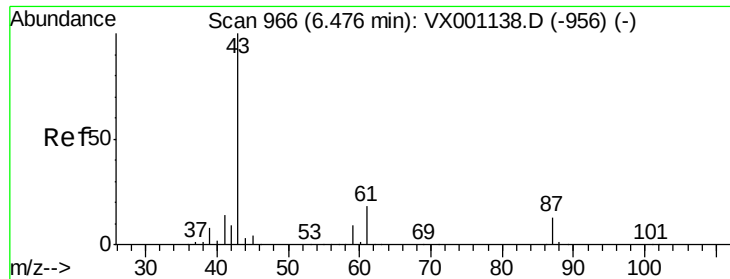
Tgt Ion:	41	Resp:	11410
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.9	68.9
67	63.7	53.2	79.8
52	29.2	23.1	34.7



#42
1,2-Dichloroethane
Concen: 5.04 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion:	62	Resp:	19273
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 4.97 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

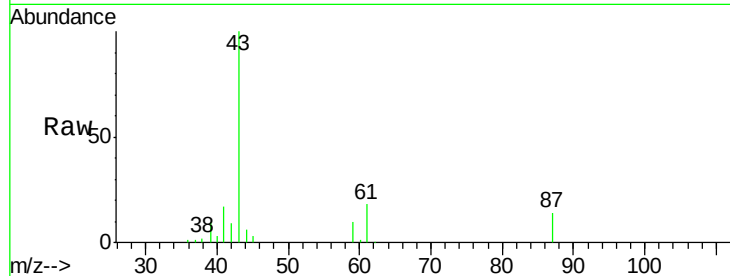
Tgt Ion: 43 Resp: 28510

Ion Ratio Lower Upper

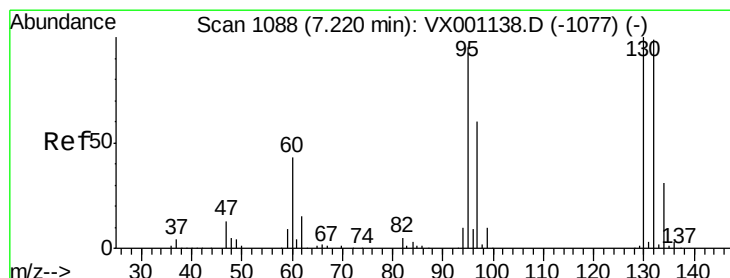
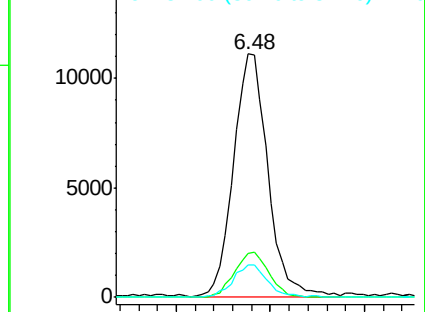
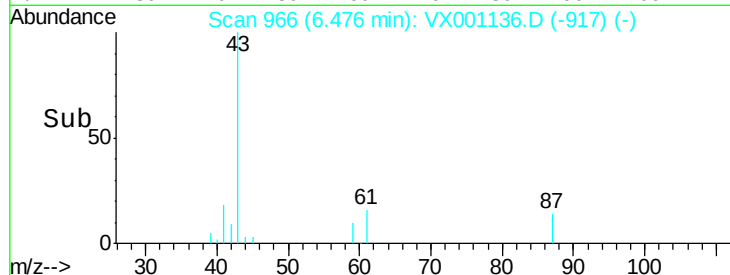
43 100

61 18.5 15.0 22.6

87 13.2 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX001136.D (-917) (-)



#44

Trichloroethene

Concen: 4.77 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001136.D

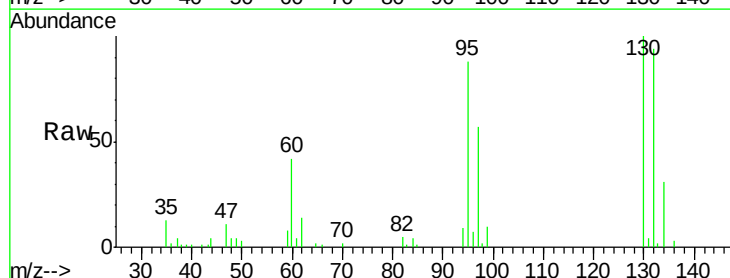
Acq: 26 Apr 2018 17:29

Tgt Ion: 130 Resp: 14297

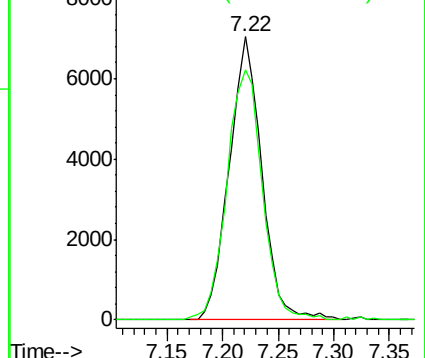
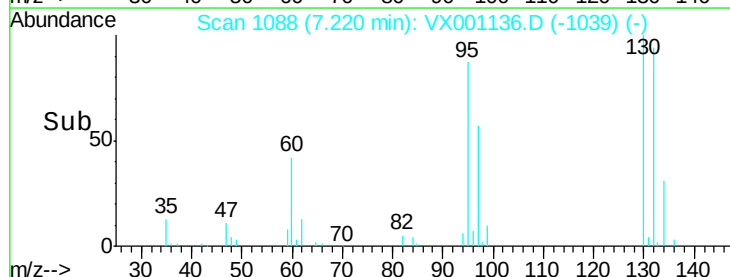
Ion Ratio Lower Upper

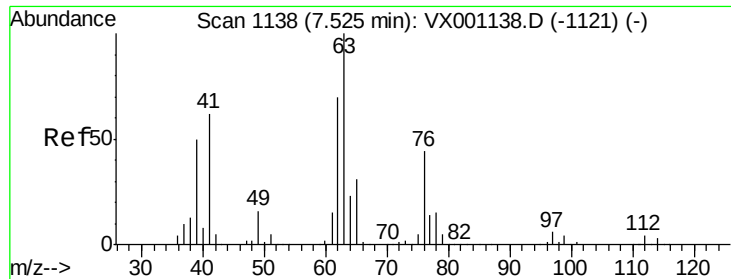
130 100

95 88.2 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001136.D (-1039) (-)

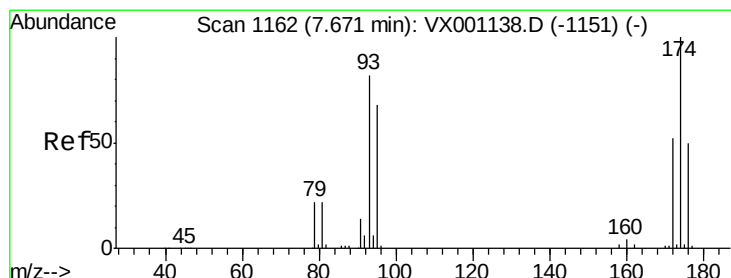
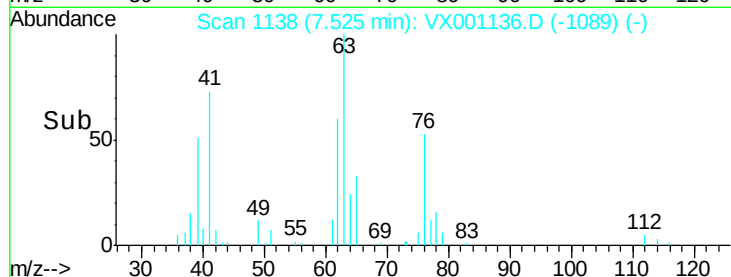
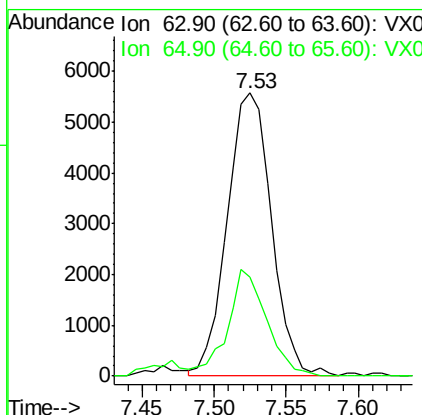
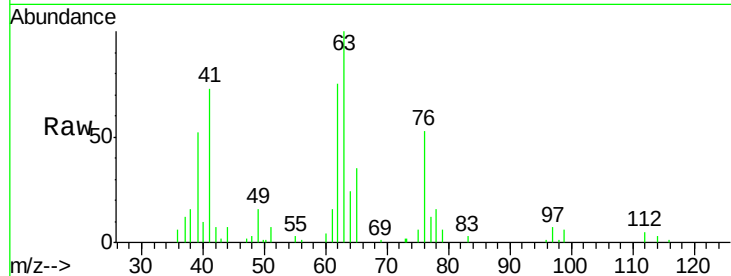




#45
 1,2-Dichloropropane
 Concen: 4.81 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

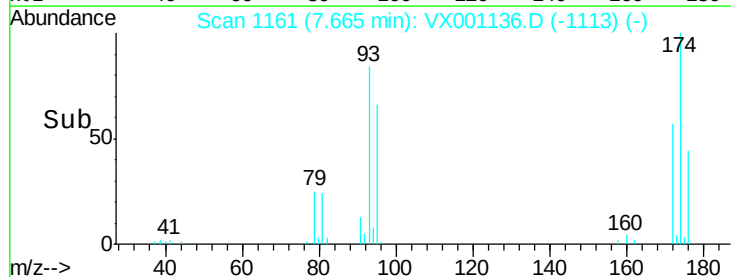
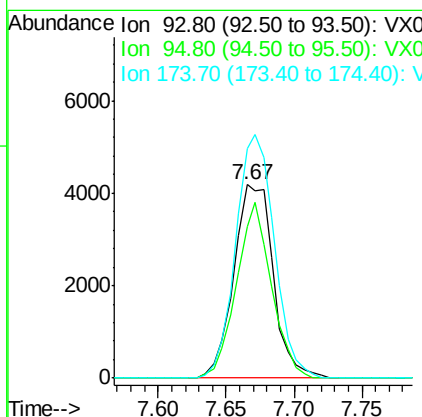
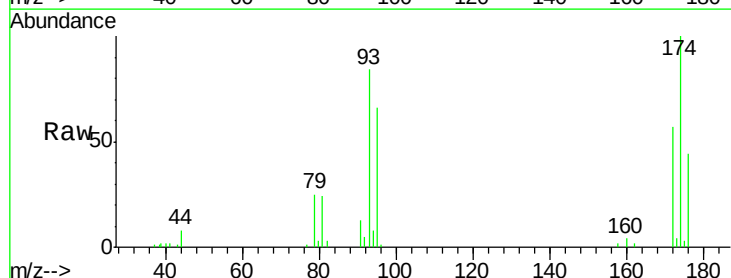
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

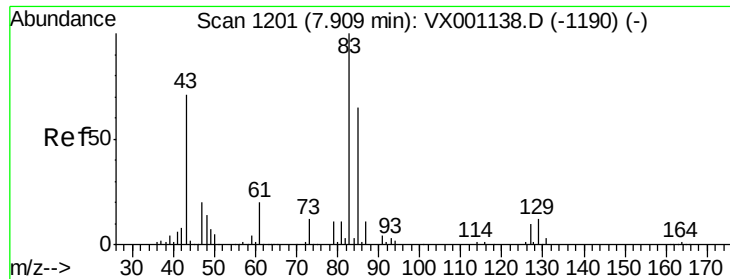
Tgt Ion: 63 Resp: 11976
 Ion Ratio Lower Upper
 63 100
 65 35.0 24.9 37.3



#46
 Dibromomethane
 Concen: 4.84 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion: 93 Resp: 8459
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.4 99.6
 174 123.5 99.6 149.4





#47

Bromodichloromethane

Concen: 4.37 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

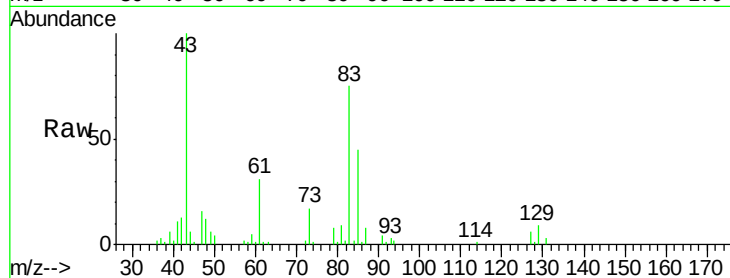
Tgt Ion: 83 Resp: 14064

Ion Ratio Lower Upper

83 100

85 60.2 51.9 77.9

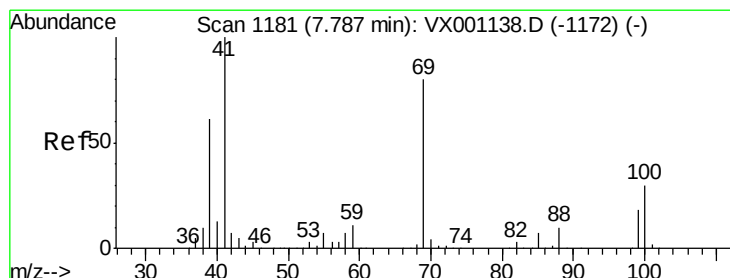
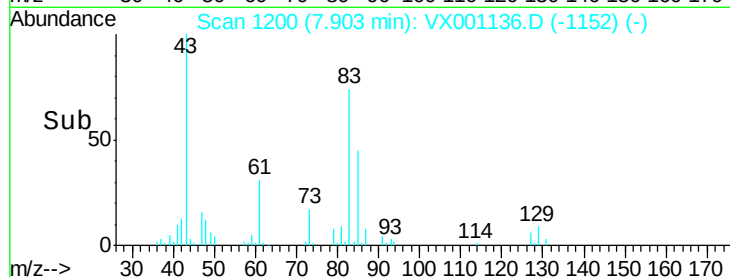
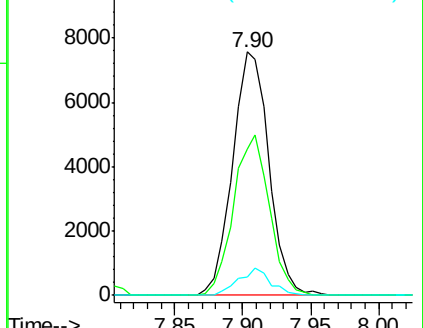
127 7.5 7.7 11.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.96 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

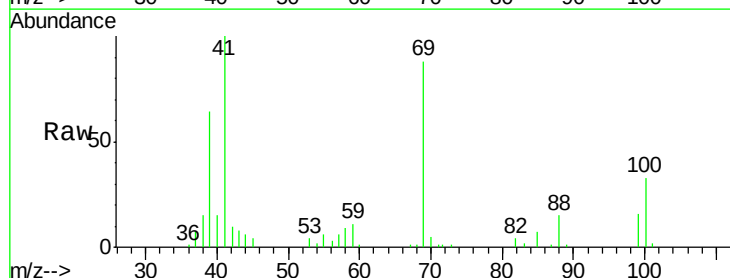
Tgt Ion: 41 Resp: 15229

Ion Ratio Lower Upper

41 100

69 78.0 62.4 93.6

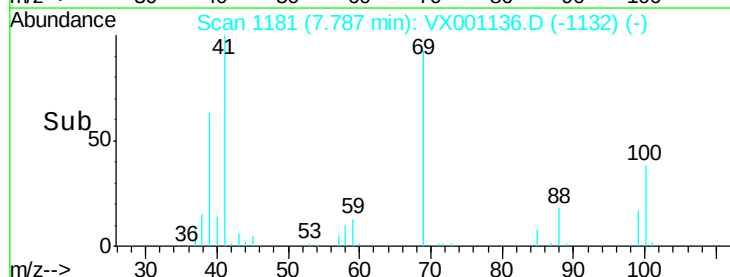
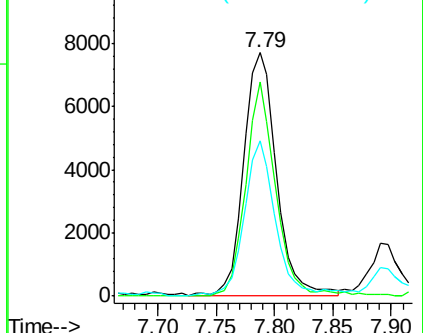
39 59.8 48.7 73.1

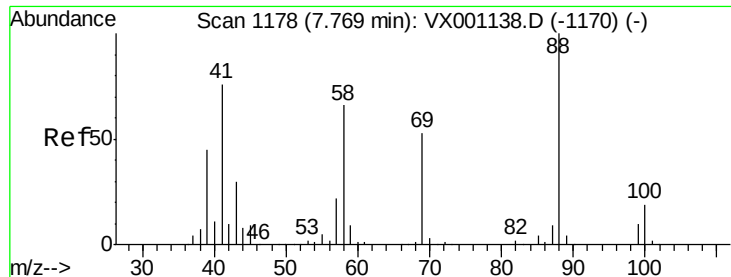


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

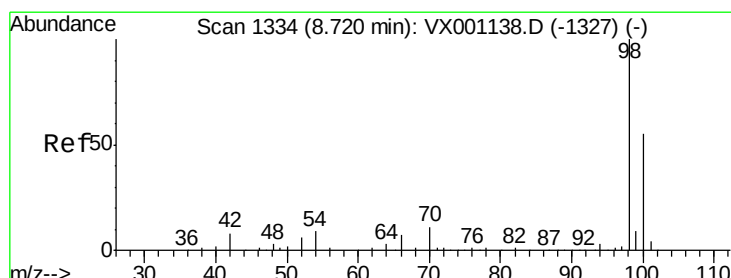
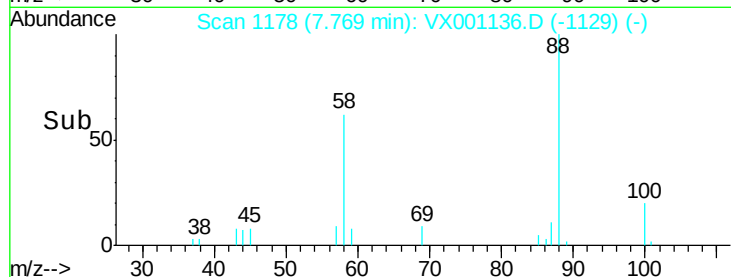
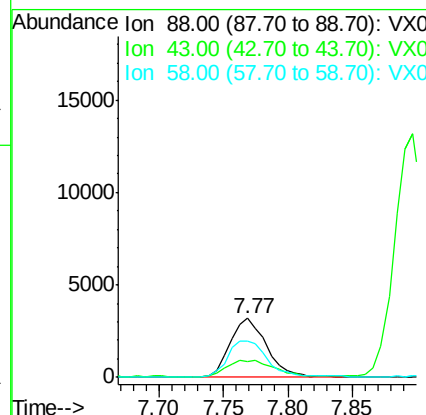
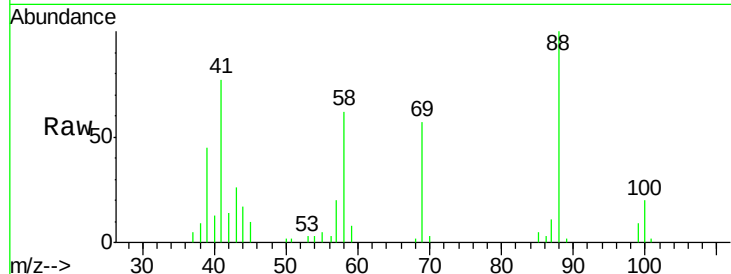




#49
1,4-Dioxane
Concen: 129.98 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

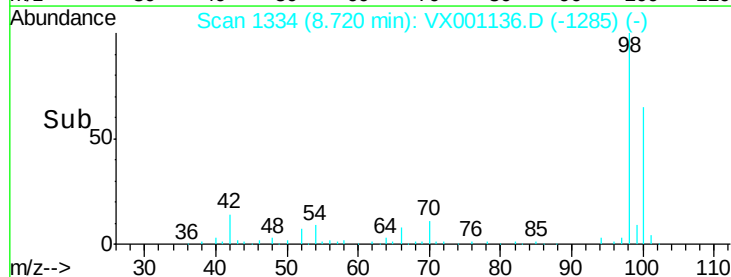
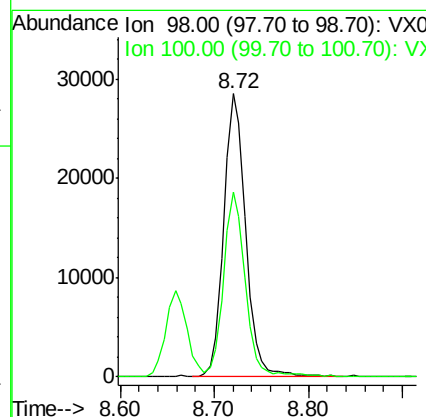
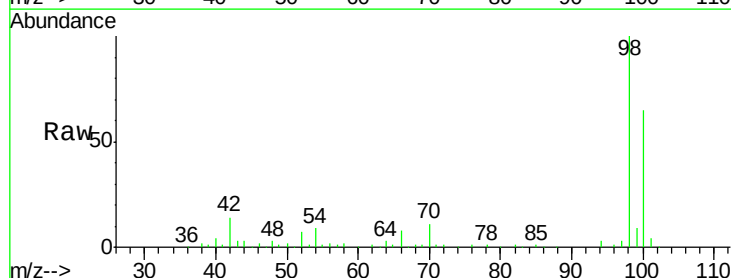
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

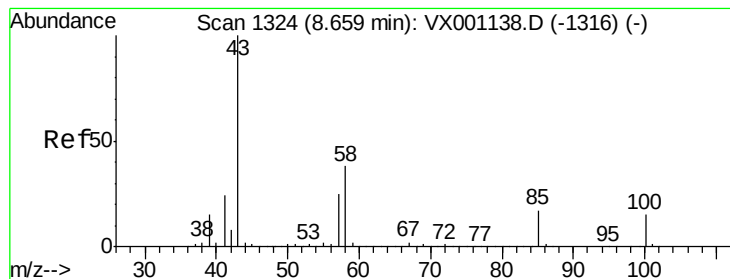
Tgt Ion: 88 Resp: 6363
Ion Ratio Lower Upper
88 100
43 39.4 27.3 40.9
58 66.9 54.2 81.4



#50
Toluene-d8
Concen: 5.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 98 Resp: 45829
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 27.01 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

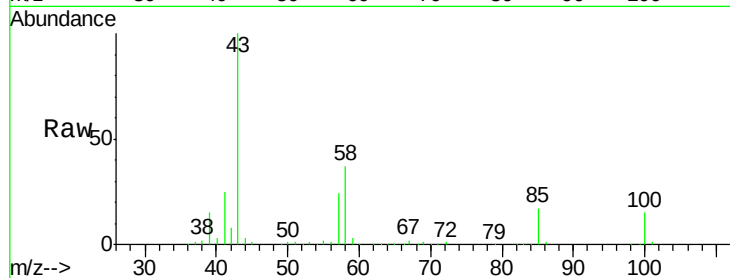
VSTDIC005

Tgt Ion: 43 Resp: 95503

Ion Ratio Lower Upper

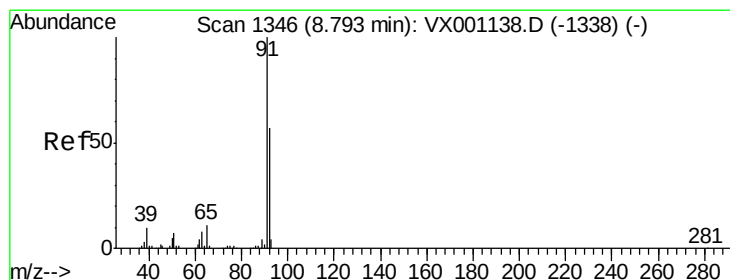
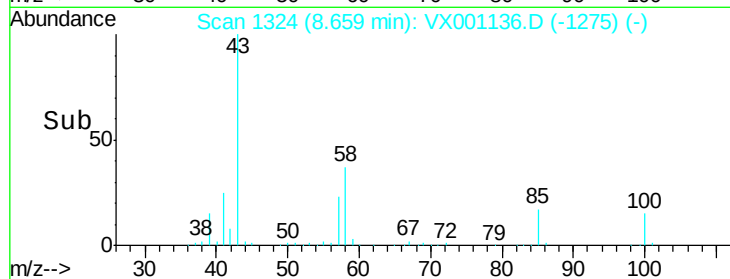
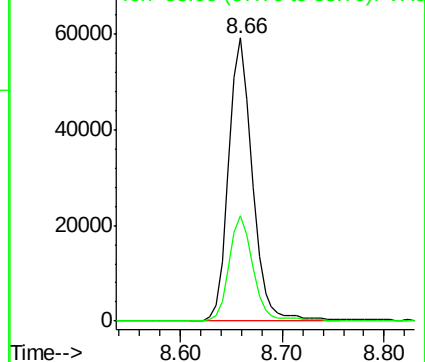
43 100

58 37.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.83 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001136.D

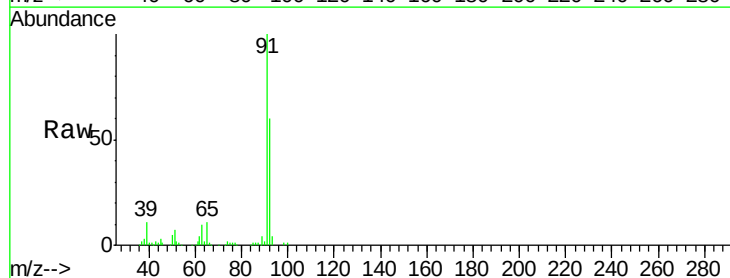
Acq: 26 Apr 2018 17:29

Tgt Ion: 92 Resp: 31064

Ion Ratio Lower Upper

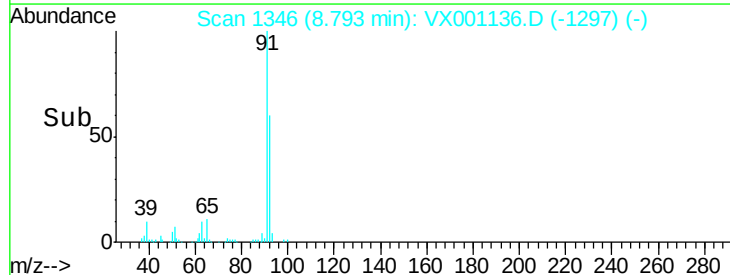
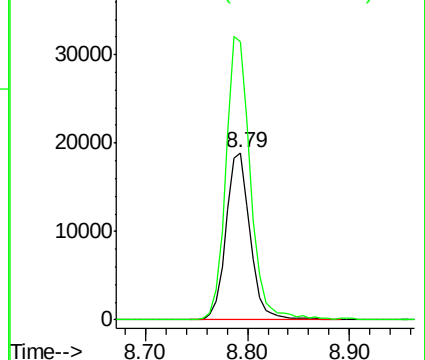
92 100

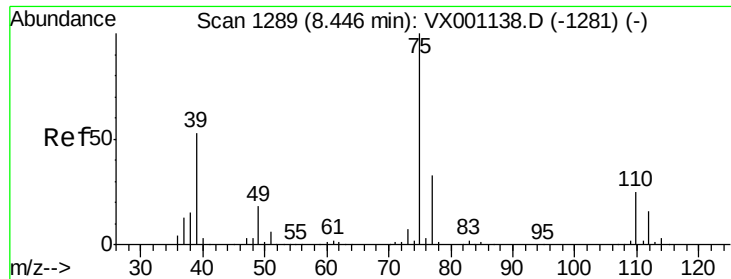
91 171.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 4.26 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

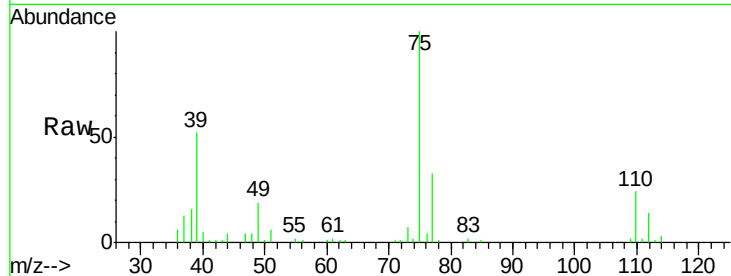
VSTDIC005

Tgt Ion: 75 Resp: 16349

Ion Ratio Lower Upper

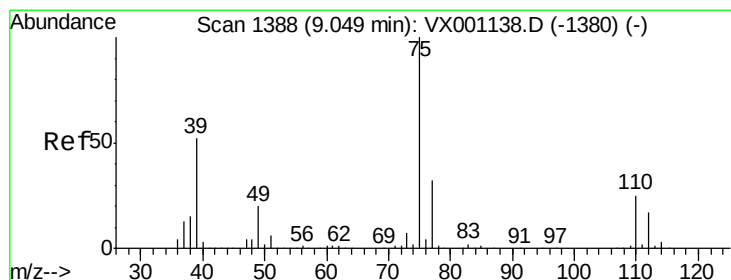
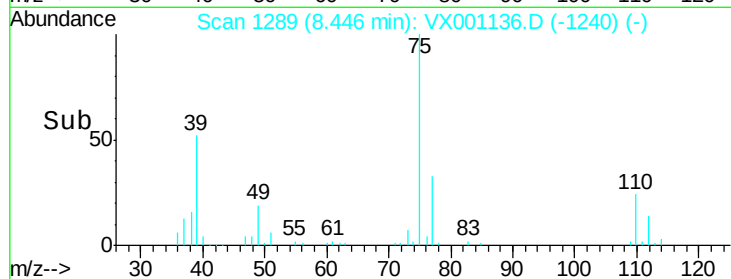
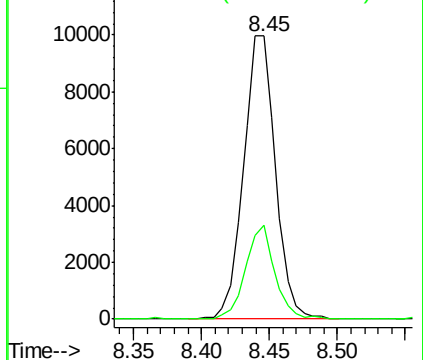
75 100

77 33.2 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 3.72 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

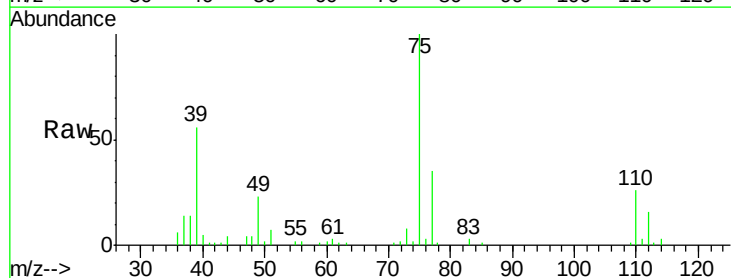
Tgt Ion: 75 Resp: 13454

Ion Ratio Lower Upper

75 100

77 34.5 25.4 38.2

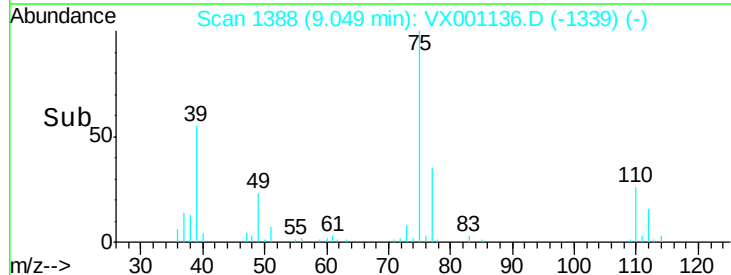
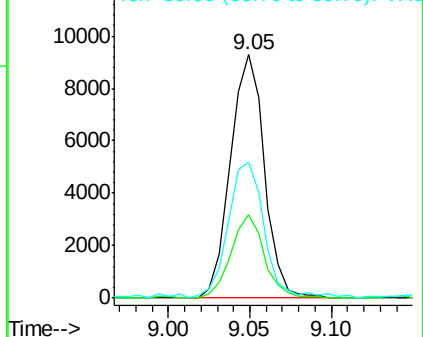
39 56.1 42.0 63.0

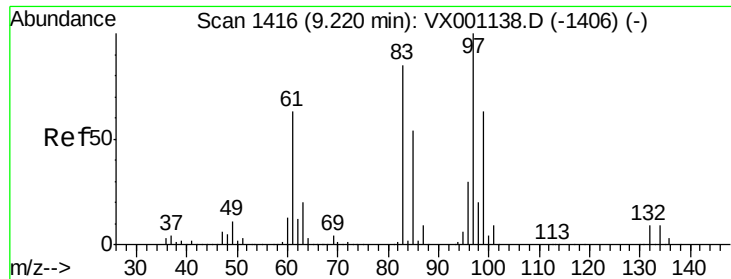


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

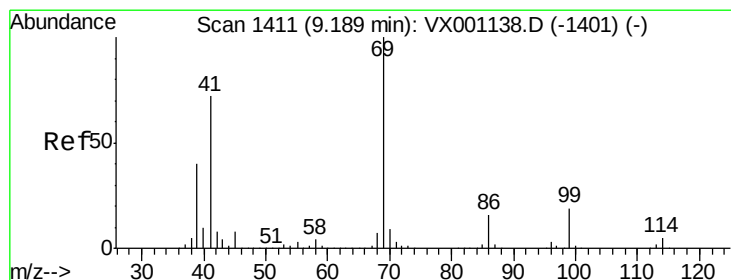
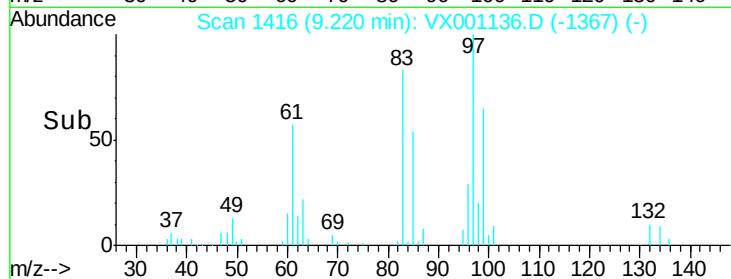
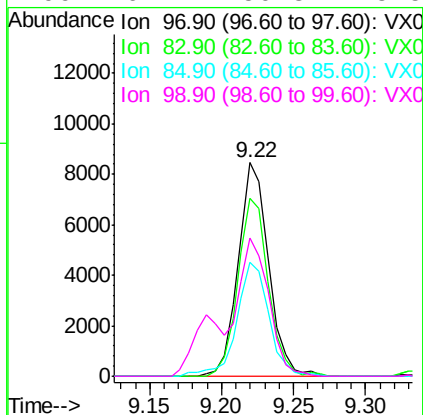
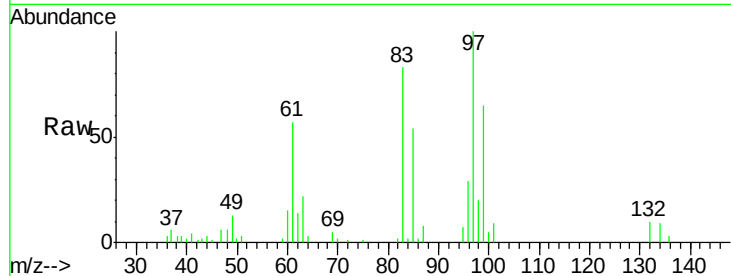




#55
 1,1,2-Trichloroethane
 Concen: 4.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

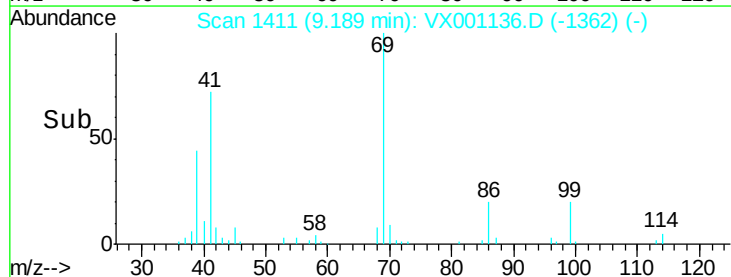
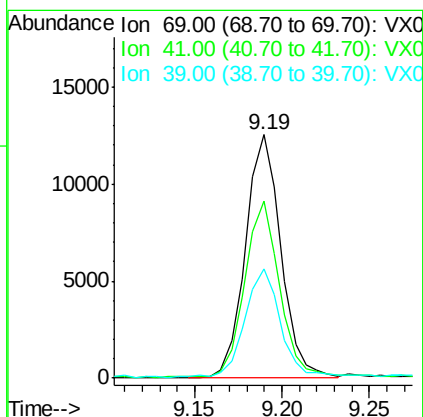
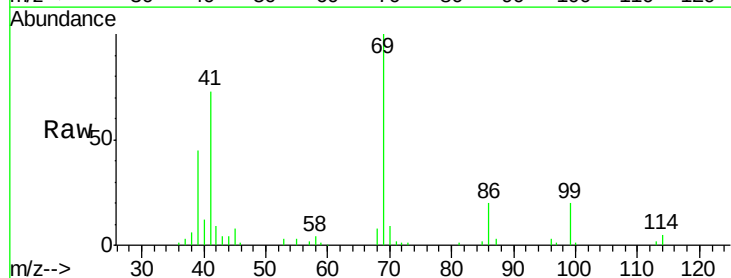
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

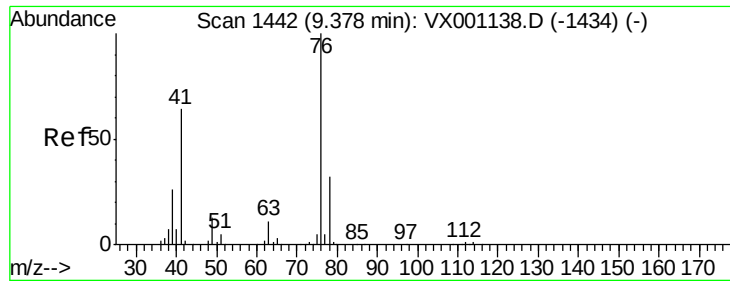
Tgt Ion:	97	Resp:	12396
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.0	102.0
85	53.6	42.9	64.3
99	64.7	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 4.65 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion:	69	Resp:	17727
Ion	Ratio	Lower	Upper
69	100		
41	71.0	57.7	86.5
39	44.9	33.3	49.9

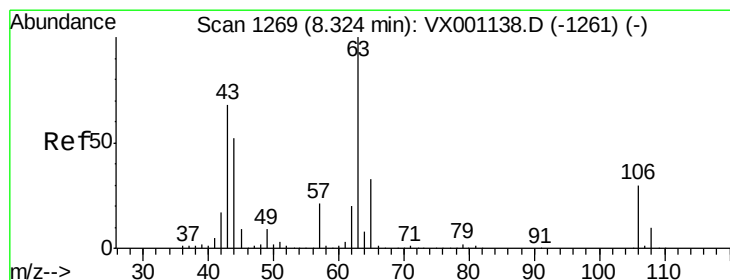
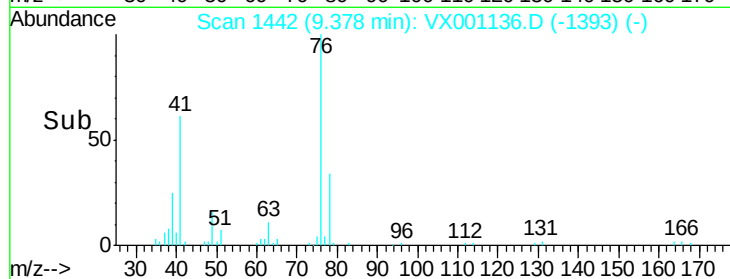
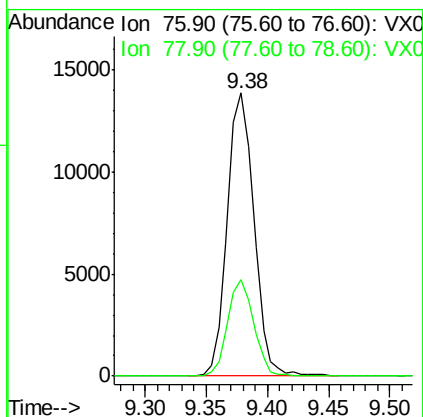
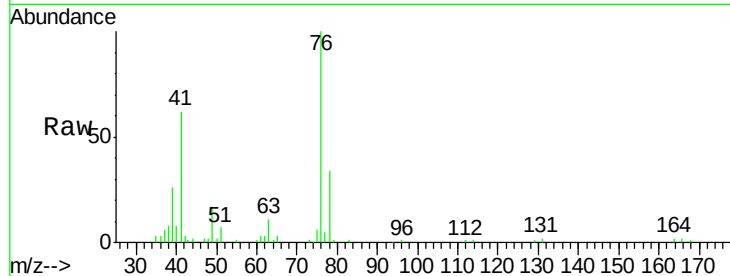




#57
 1,3-Dichloropropane
 Concen: 4.90 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

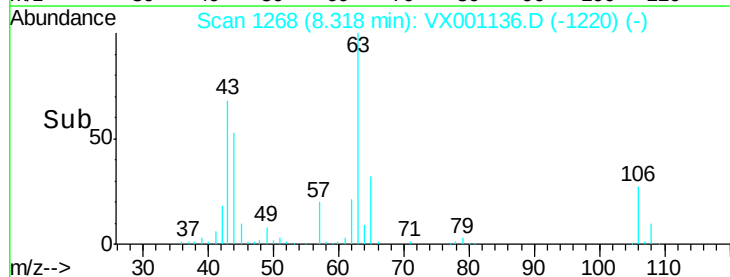
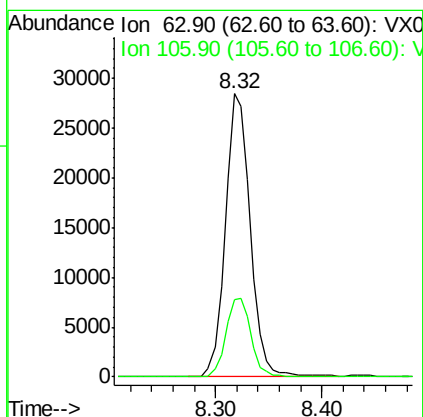
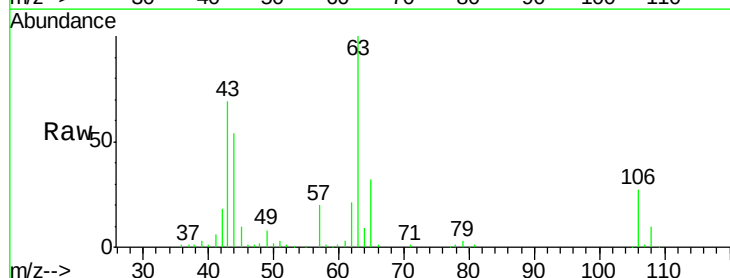
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

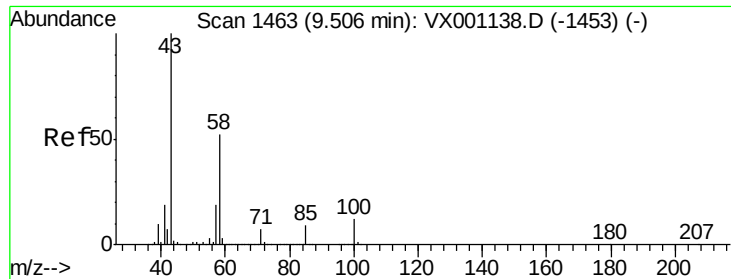
Tgt Ion: 76 Resp: 20951
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.21 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion: 63 Resp: 46484
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.7 35.5

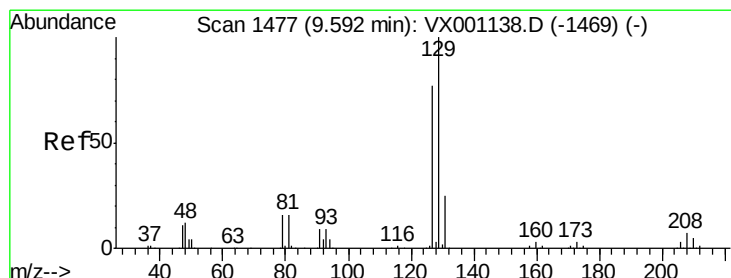
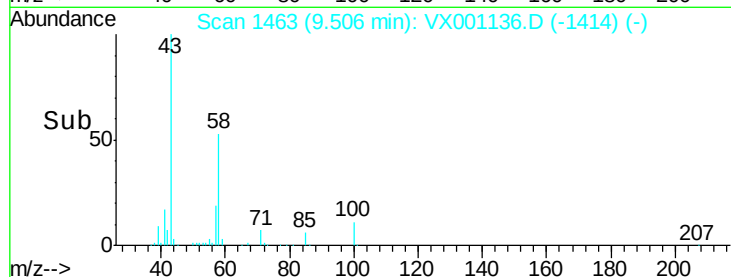
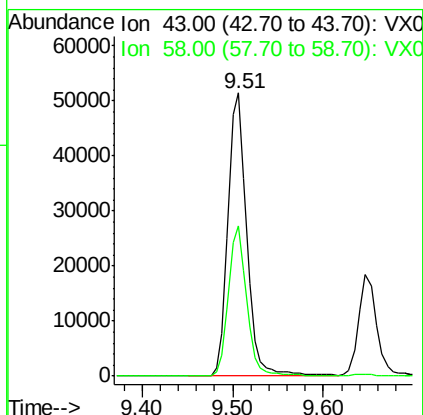
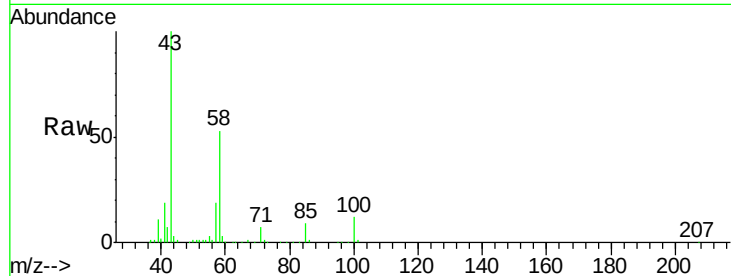




#59
2-Hexanone
Concen: 27.16 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

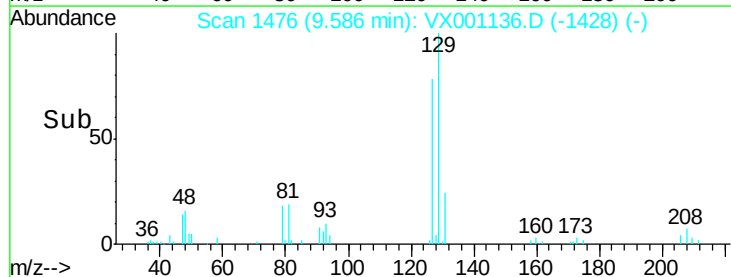
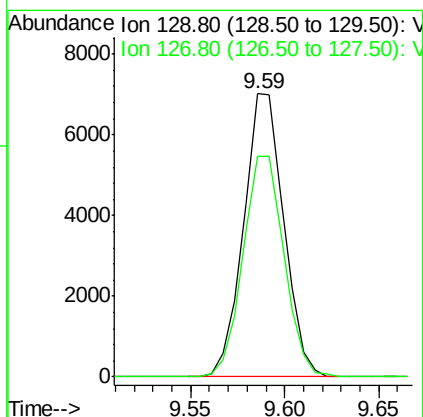
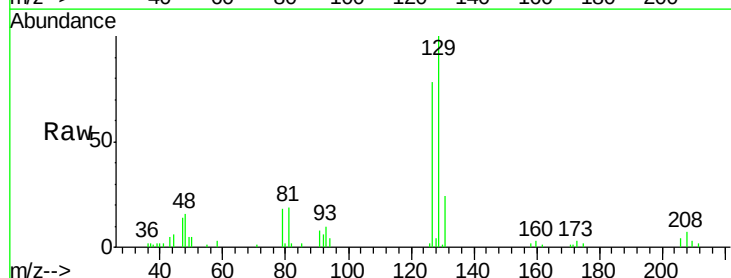
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

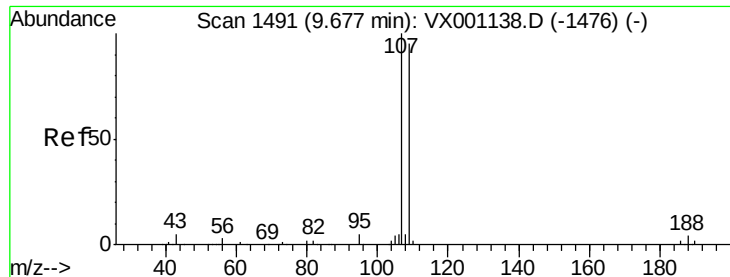
Tgt Ion: 43 Resp: 73842
Ion Ratio Lower Upper
43 100
58 52.2 25.8 77.4



#60
Dibromochloromethane
Concen: 3.84 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 129 Resp: 10373
Ion Ratio Lower Upper
129 100
127 79.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 4.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

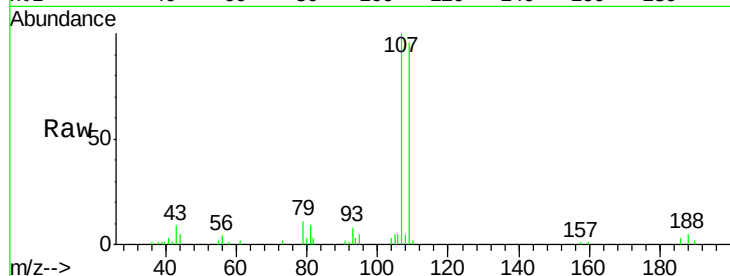
VSTDIC005

Tgt Ion: 107 Resp: 12914

Ion Ratio Lower Upper

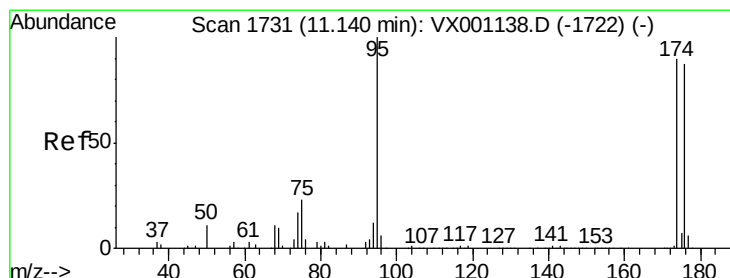
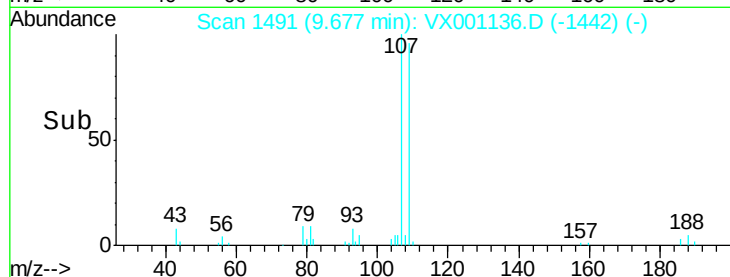
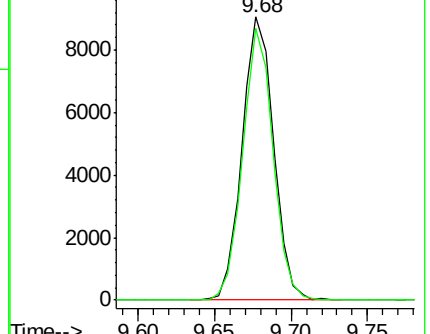
107 100

109 93.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

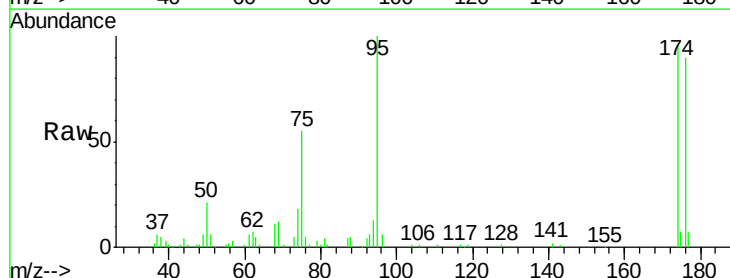
Tgt Ion: 95 Resp: 17016

Ion Ratio Lower Upper

95 100

174 100.2 0.0 194.4

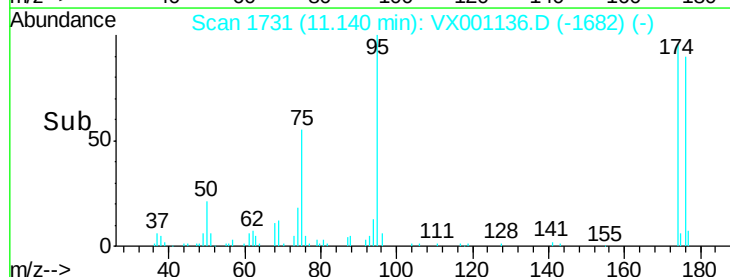
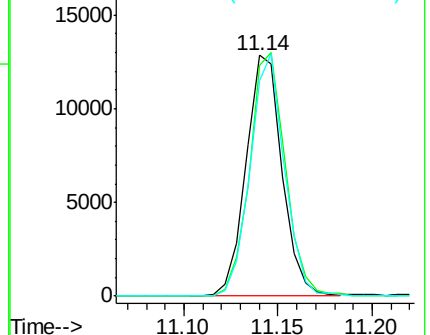
176 95.7 0.0 190.2

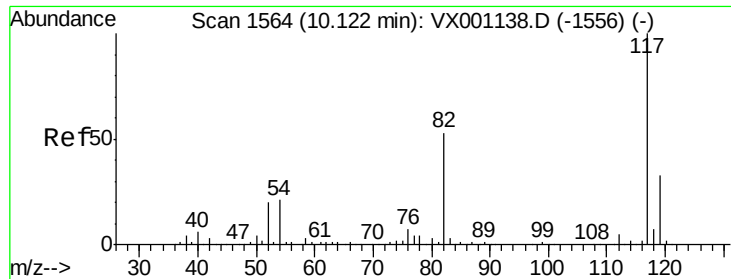


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

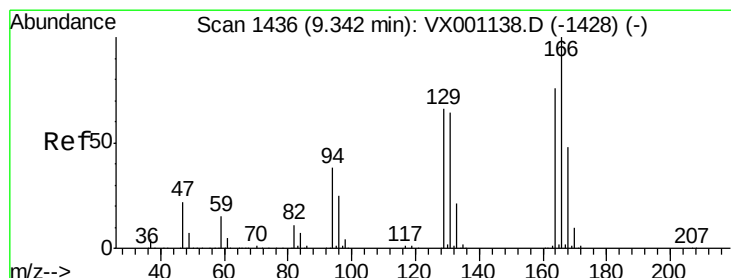
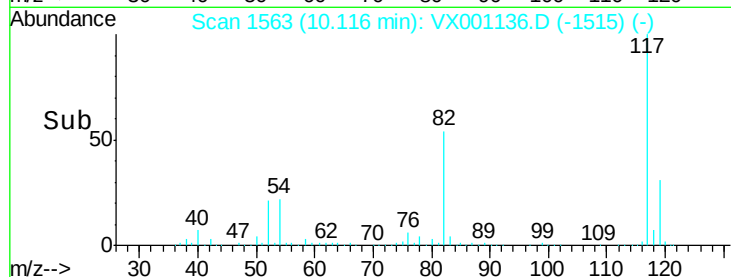
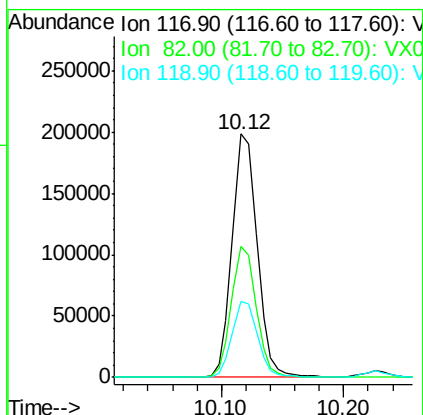
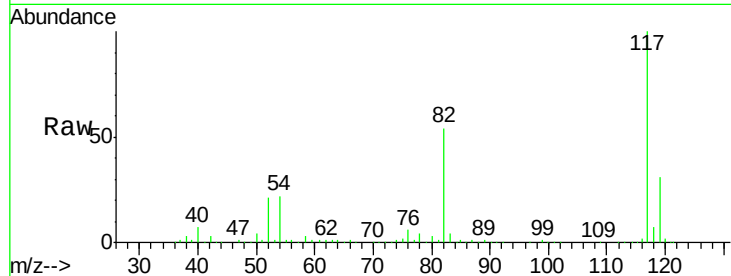




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

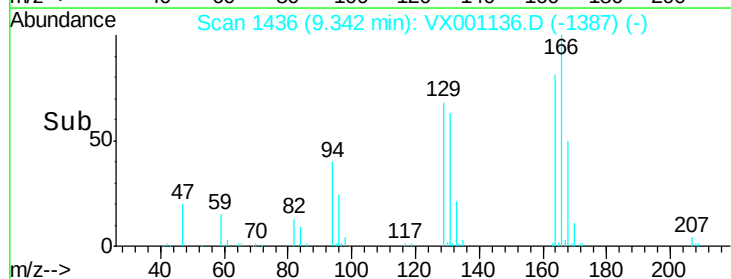
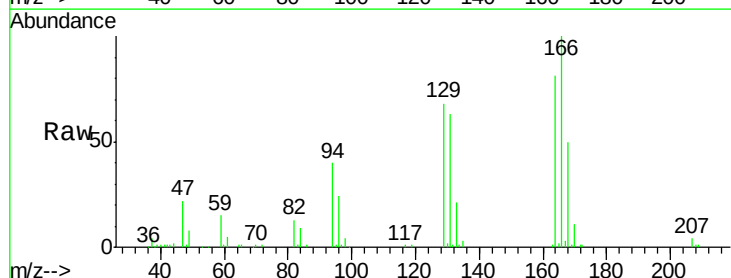
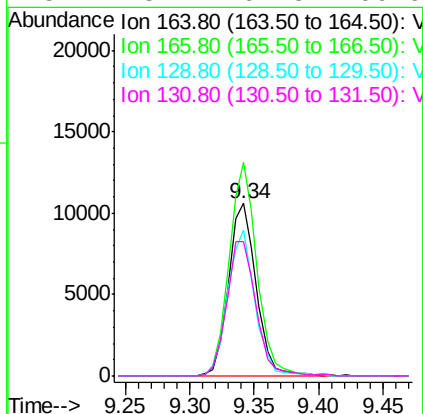
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

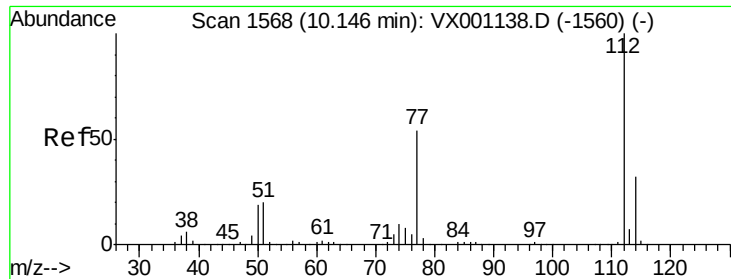
Tgt Ion:117 Resp: 281729
Ion Ratio Lower Upper
117 100
82 53.7 42.1 63.1
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 5.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion:164 Resp: 15986
Ion Ratio Lower Upper
164 100
166 123.7 105.0 157.6
129 84.2 69.4 104.2
131 78.2 67.3 100.9

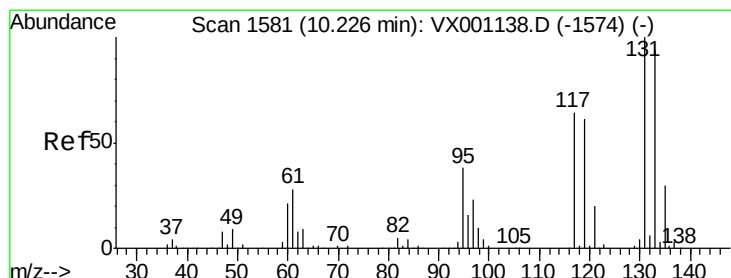
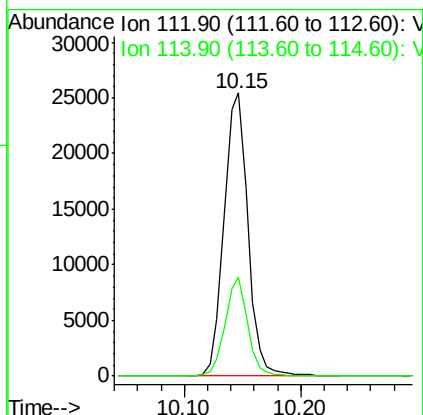
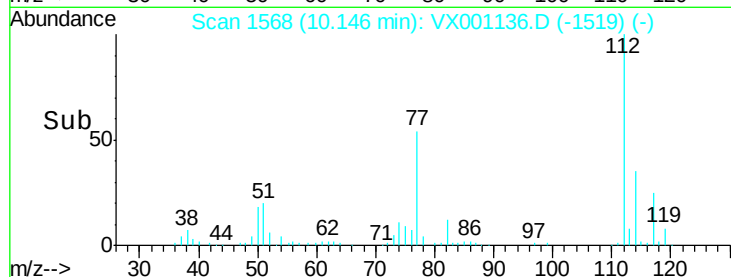
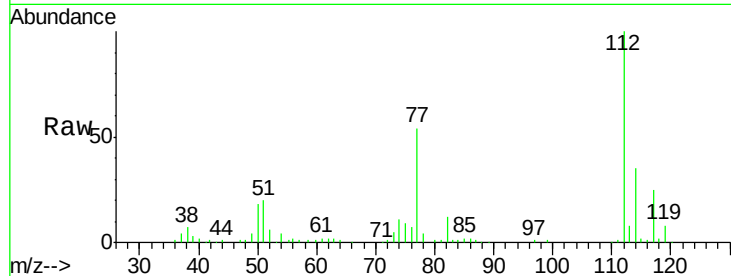




#65
Chlorobenzene
Concen: 4.83 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

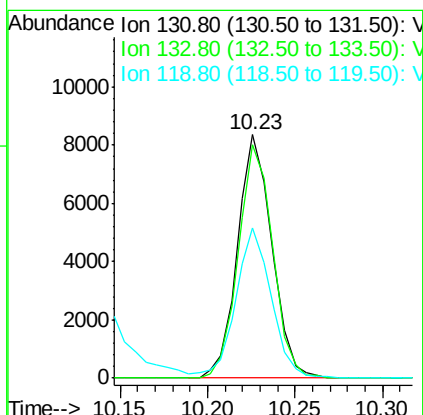
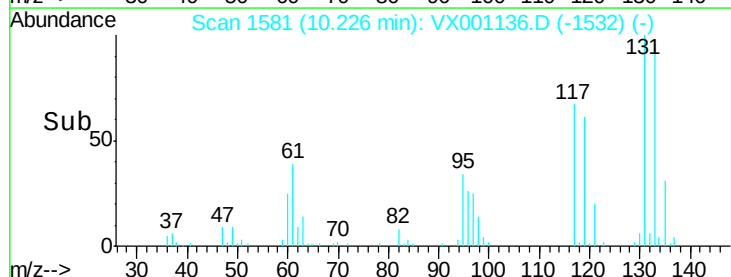
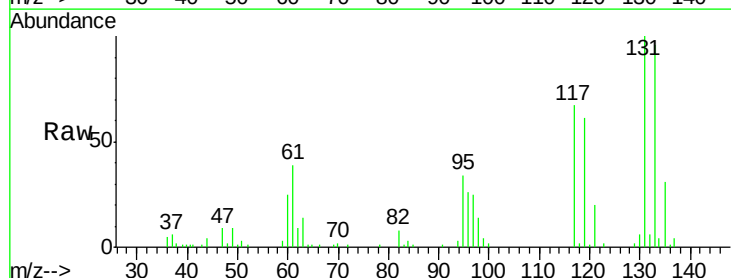
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

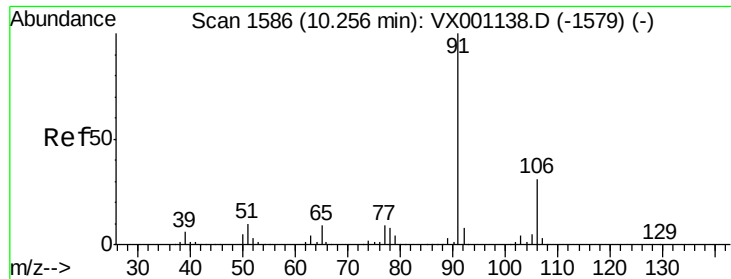
Tgt Ion:112 Resp: 36155
Ion Ratio Lower Upper
112 100
114 35.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.43 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion:131 Resp: 11412
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 63.8 31.3 93.8





#67

Ethyl Benzene

Concen: 4.73 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

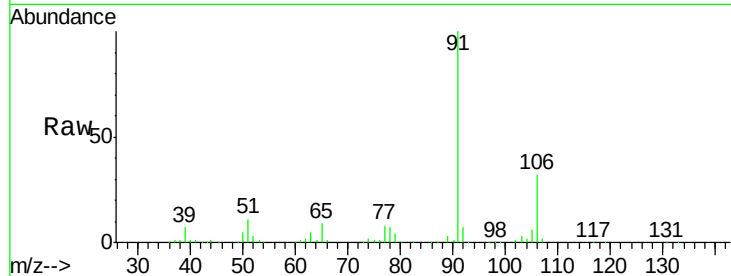
VSTDIC005

Tgt Ion: 91 Resp: 58610

Ion Ratio Lower Upper

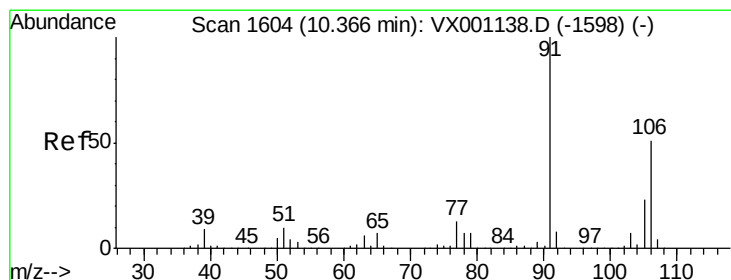
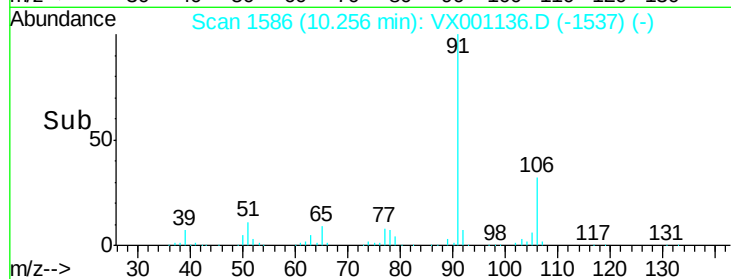
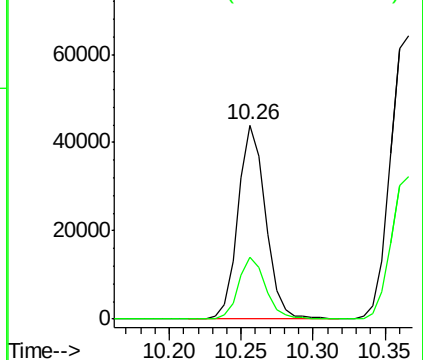
91 100

106 32.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 9.43 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001136.D

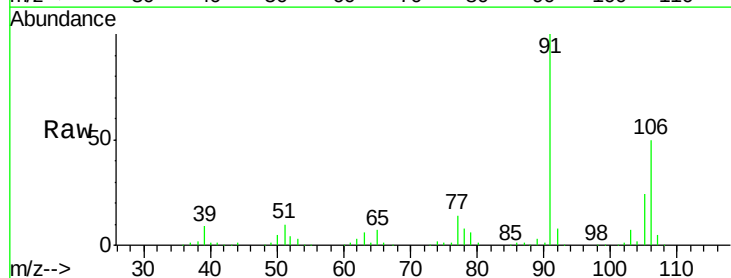
Acq: 26 Apr 2018 17:29

Tgt Ion: 106 Resp: 46007

Ion Ratio Lower Upper

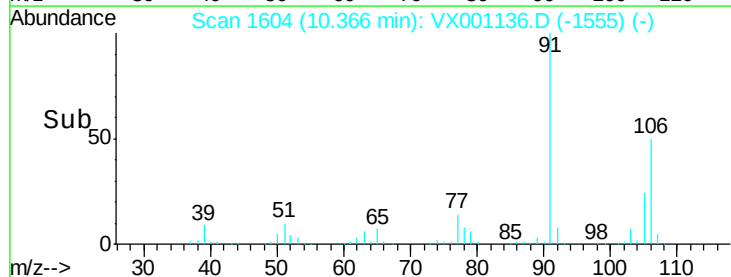
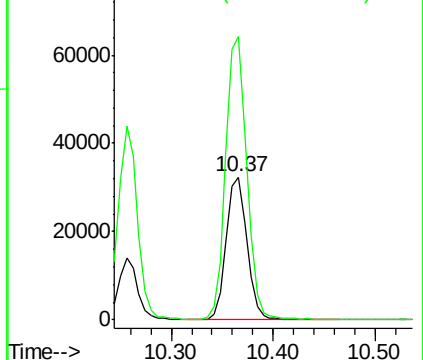
106 100

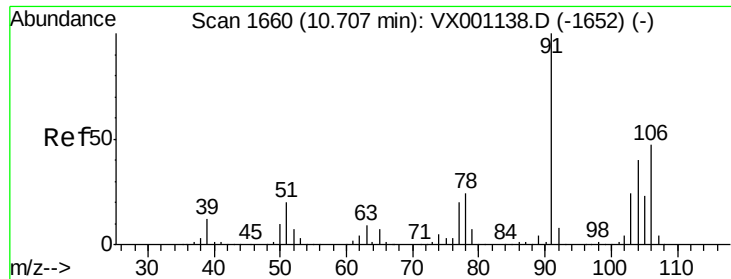
91 199.4 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

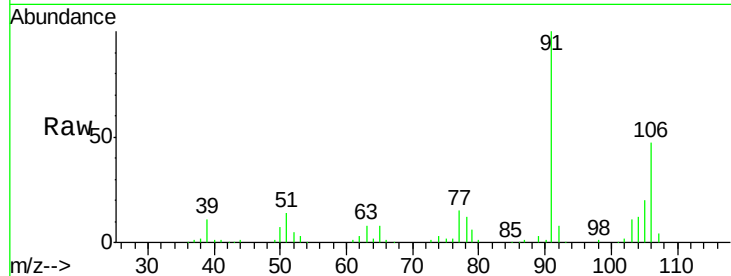




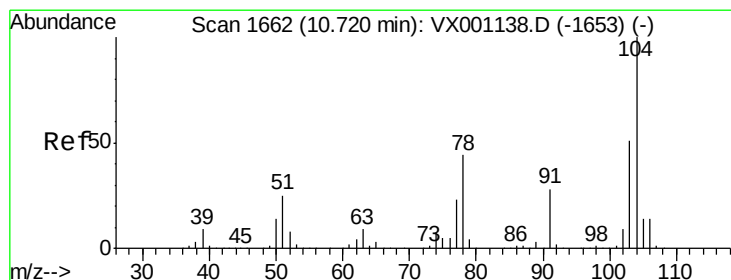
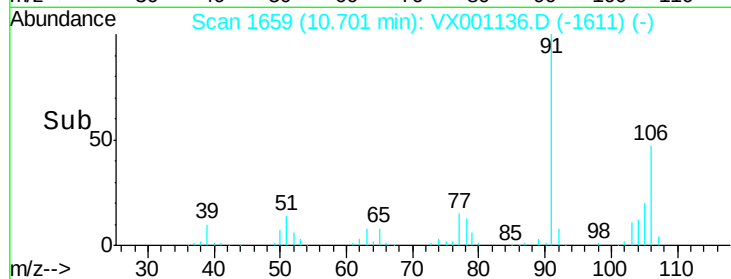
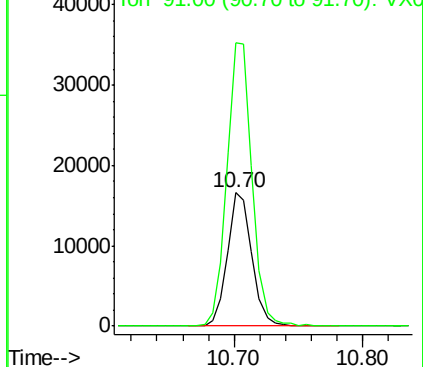
#69
o-Xylene
Concen: 4.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 22143
Ion Ratio Lower Upper
106 100
91 218.5 106.2 318.5

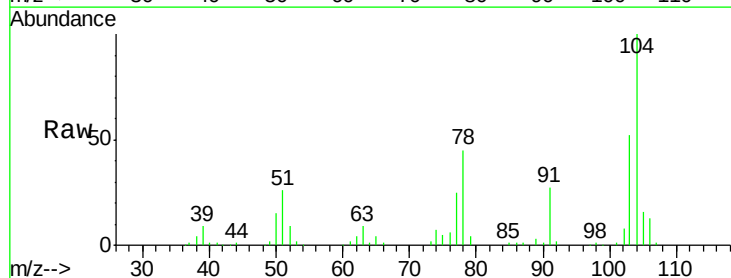


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

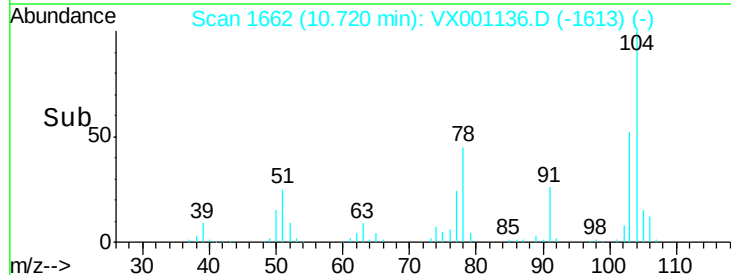
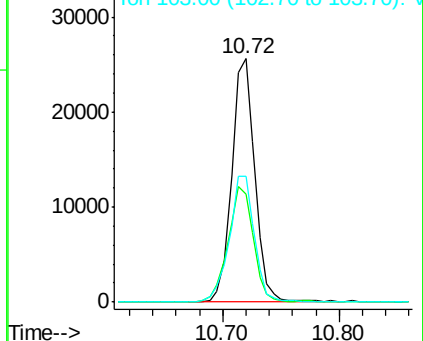


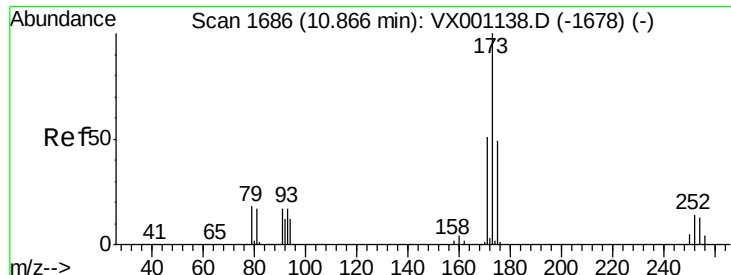
#70
Styrene
Concen: 4.56 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion:104 Resp: 35407
Ion Ratio Lower Upper
104 100
78 52.0 40.3 60.5
103 56.2 44.3 66.5



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





#71

Bromoform

Concen: 3.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

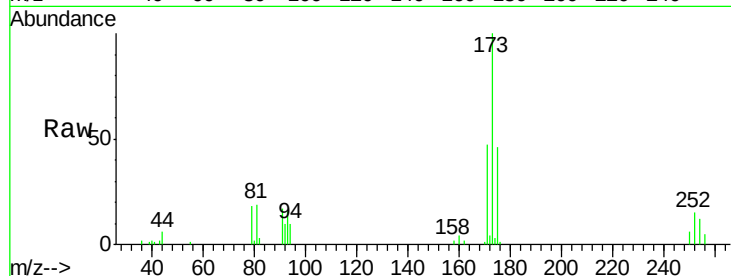
Tgt Ion:173 Resp: 8346

Ion Ratio Lower Upper

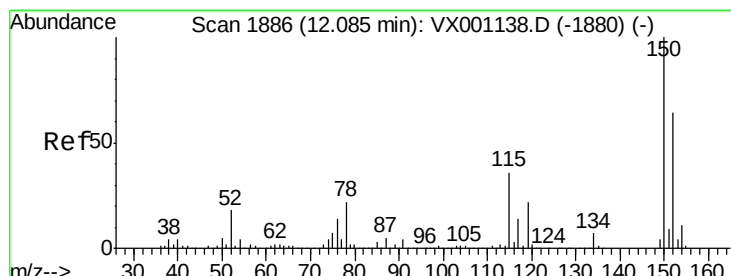
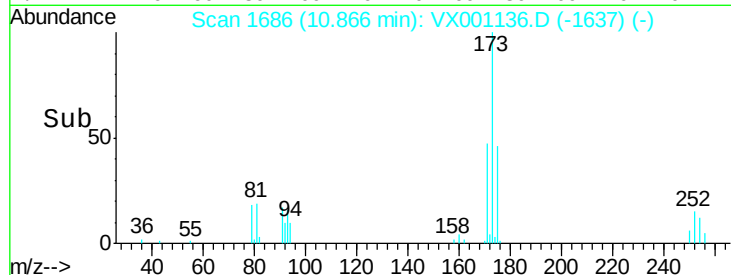
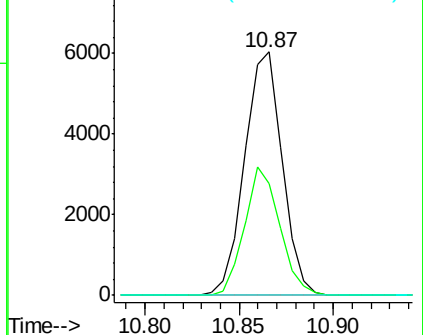
173 100

175 49.4 24.6 73.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

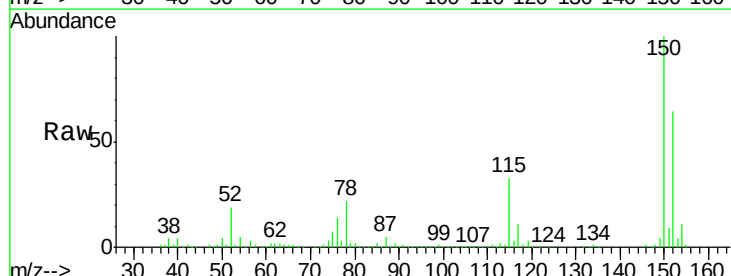
Tgt Ion:152 Resp: 181589

Ion Ratio Lower Upper

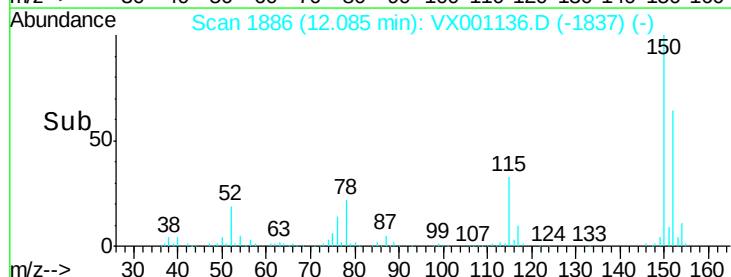
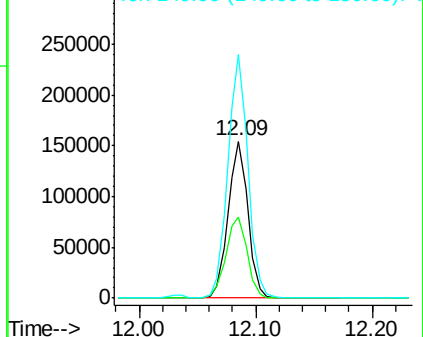
152 100

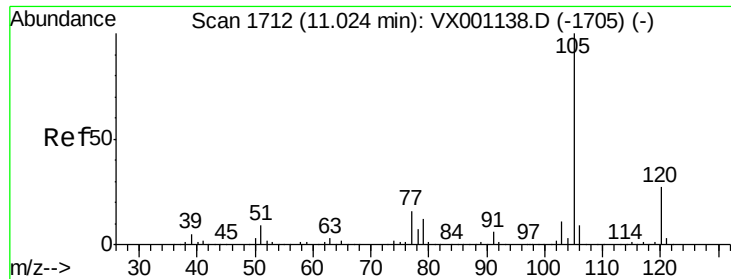
115 55.4 38.0 114.0

150 157.2 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

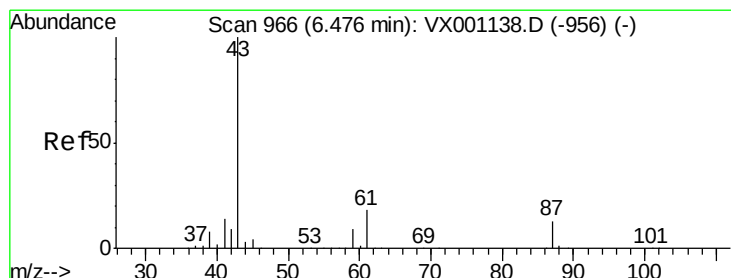
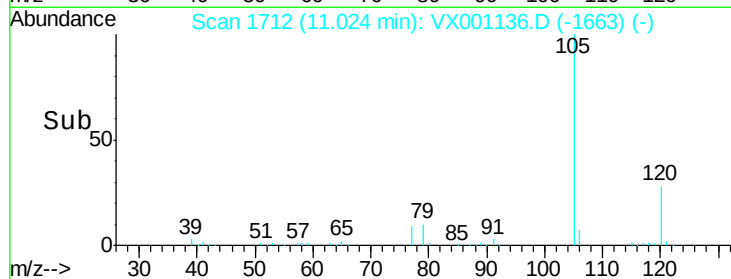
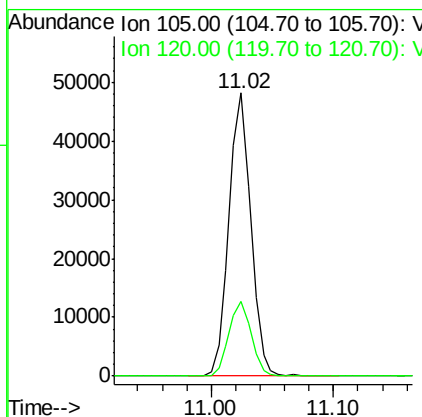
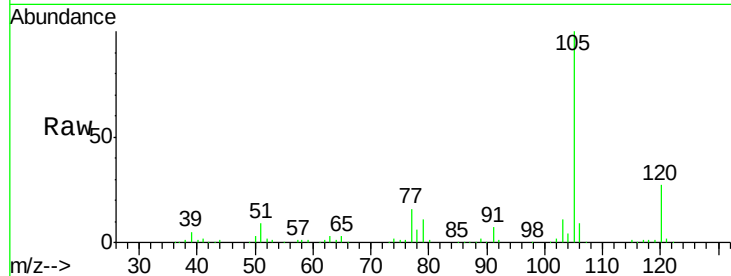




#73
Isopropylbenzene
Concen: 5.04 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

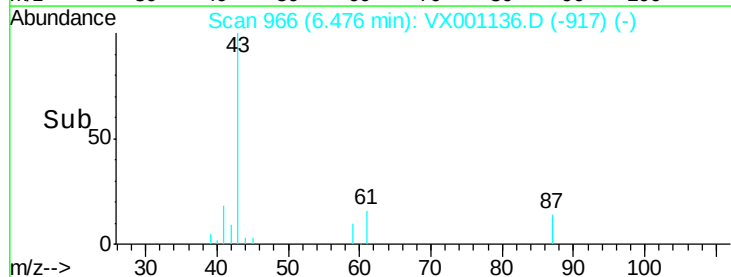
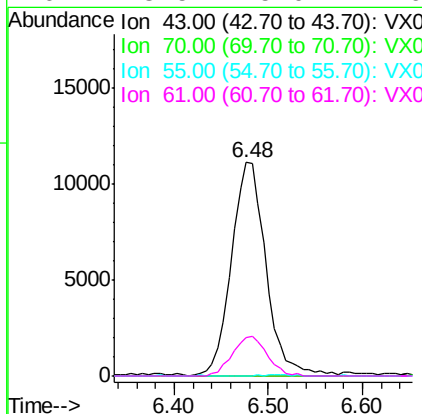
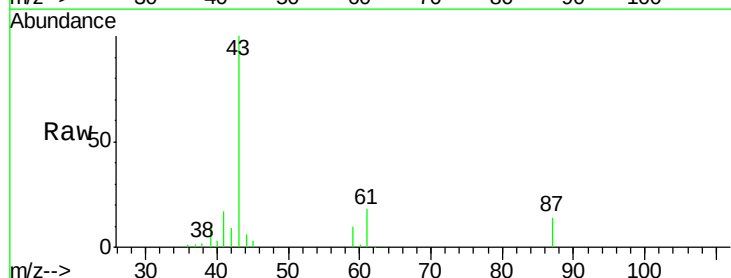
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

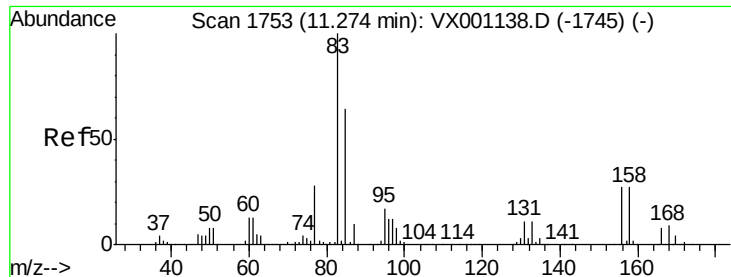
Tgt Ion:105 Resp: 59579
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.8



#74
N-ethyl acetate
Concen: 5.47 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 43 Resp: 28510
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0
61 18.5 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

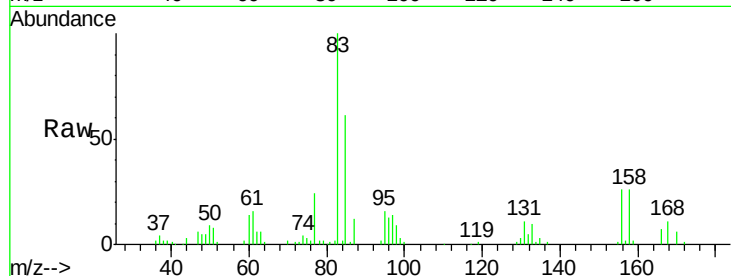
Tgt Ion: 83 Resp: 18484

Ion Ratio Lower Upper

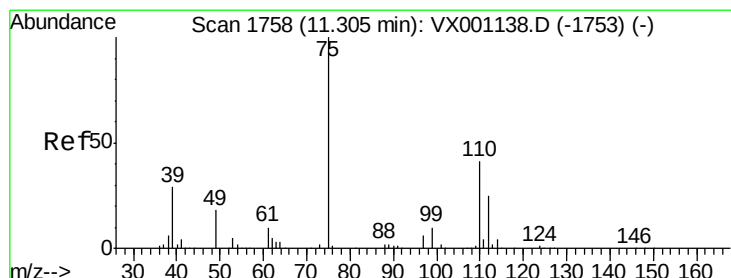
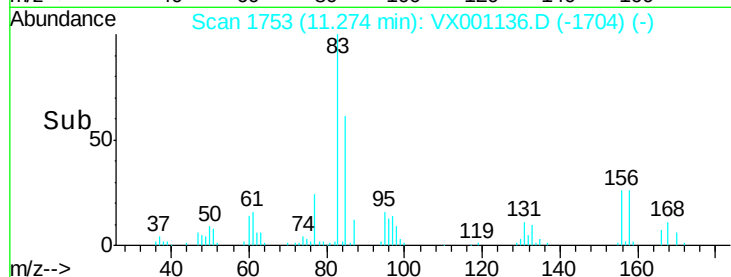
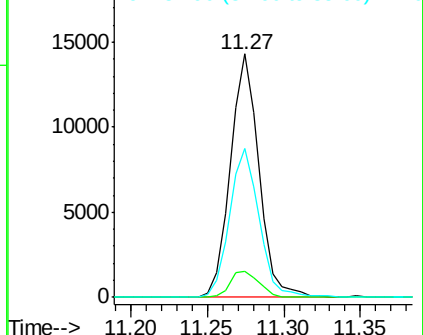
83 100

131 11.0 5.8 17.4

85 63.4 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.21 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001136.D

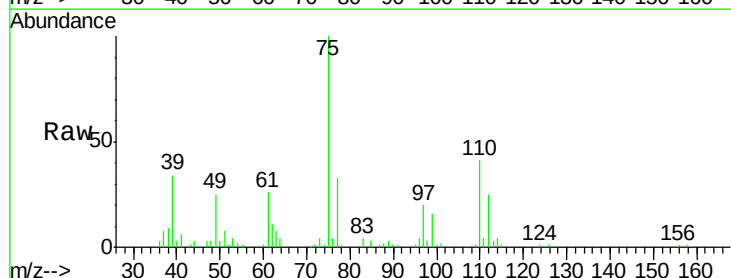
Acq: 26 Apr 2018 17:29

Tgt Ion: 75 Resp: 20115

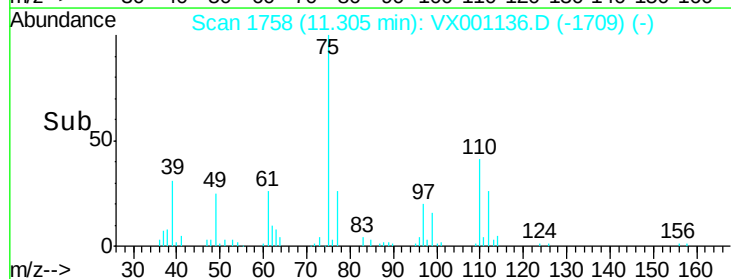
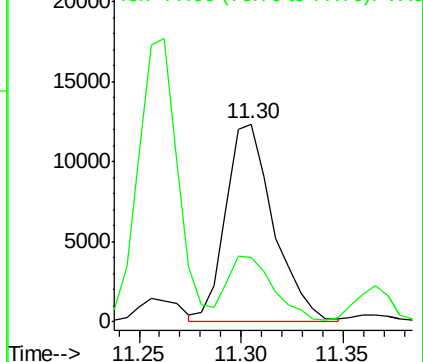
Ion Ratio Lower Upper

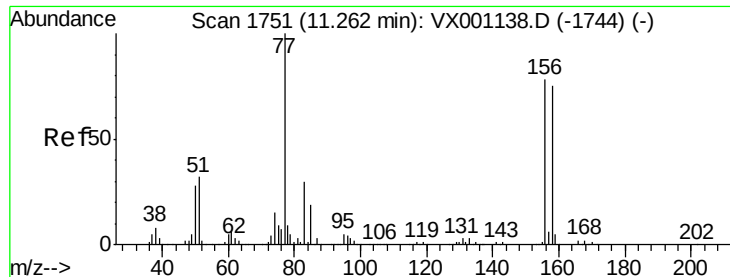
75 100

77 31.3 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.05 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

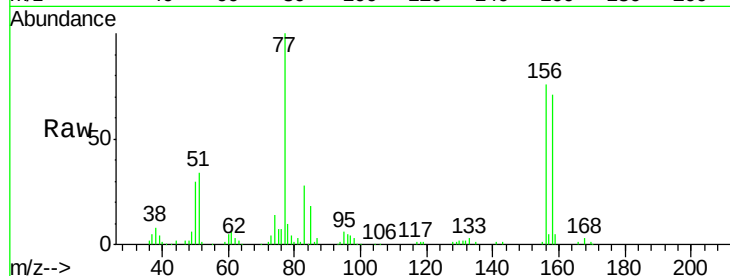
Tgt Ion:156 Resp: 17363

Ion Ratio Lower Upper

156 100

77 136.8 67.8 203.2

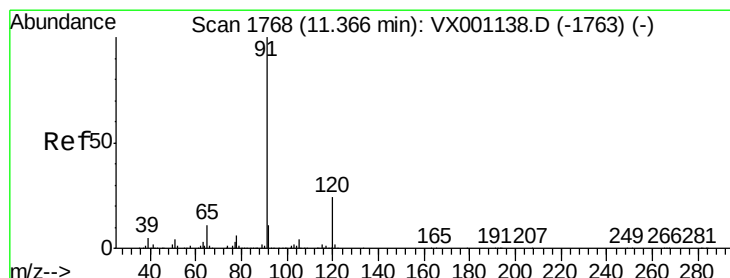
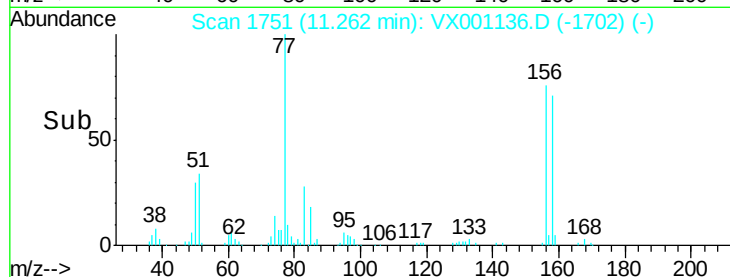
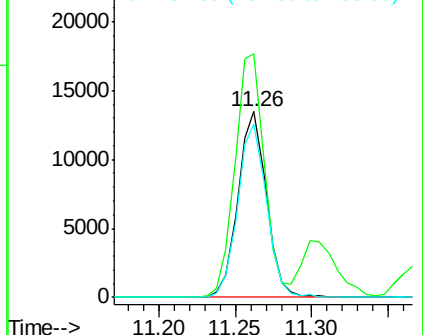
158 94.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.86 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001136.D

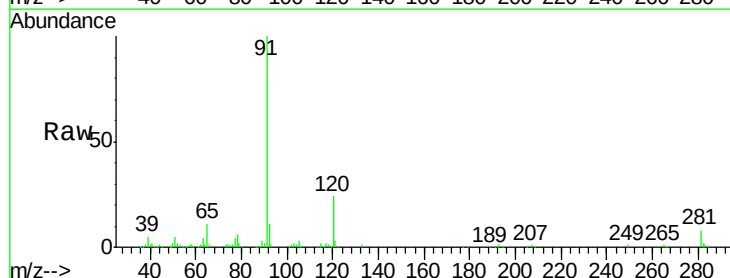
Acq: 26 Apr 2018 17:29

Tgt Ion: 91 Resp: 65822

Ion Ratio Lower Upper

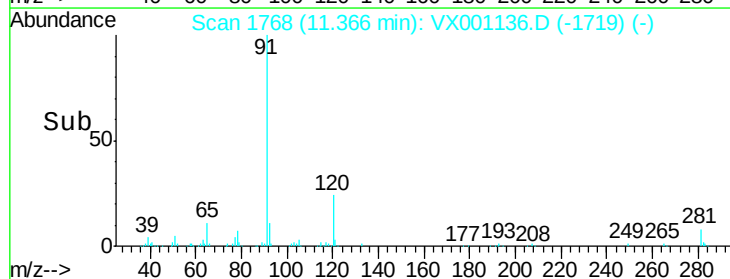
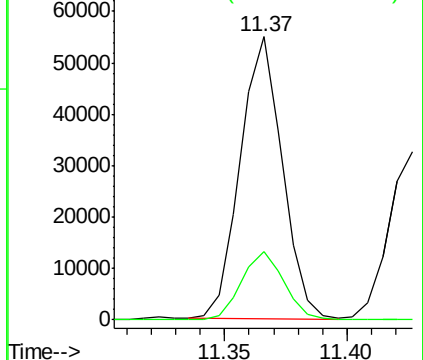
91 100

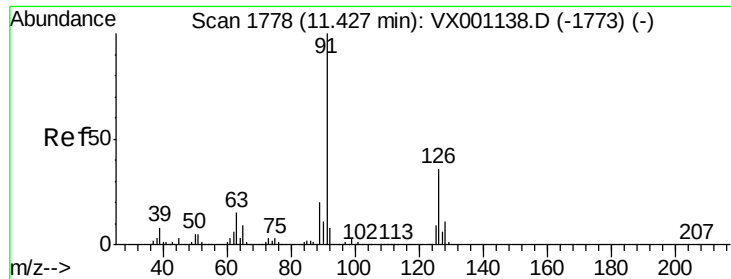
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.10 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

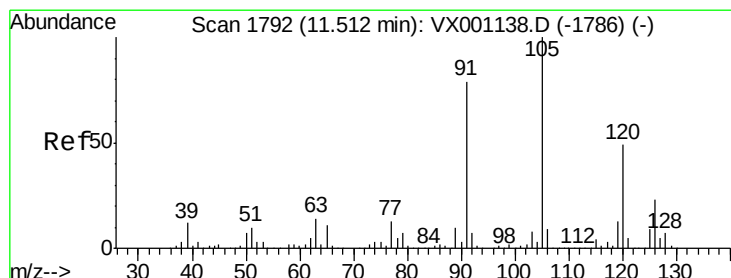
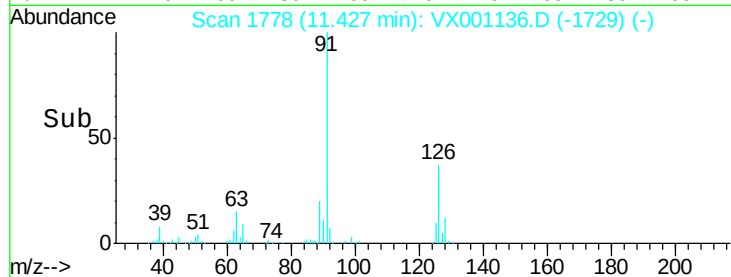
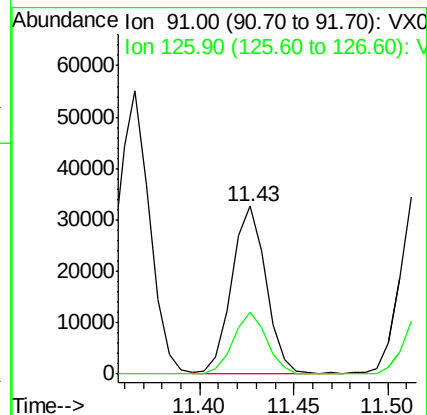
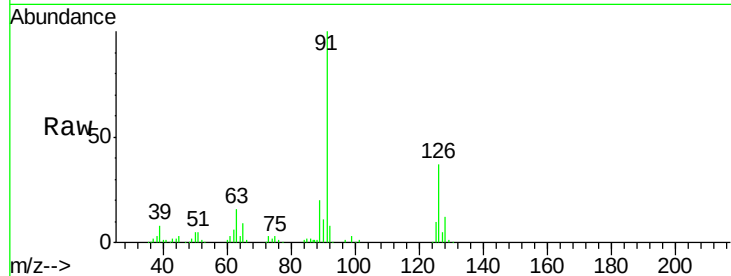
VSTDIC005

Tgt Ion: 91 Resp: 40984

Ion Ratio Lower Upper

91 100

126 36.7 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 4.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001136.D

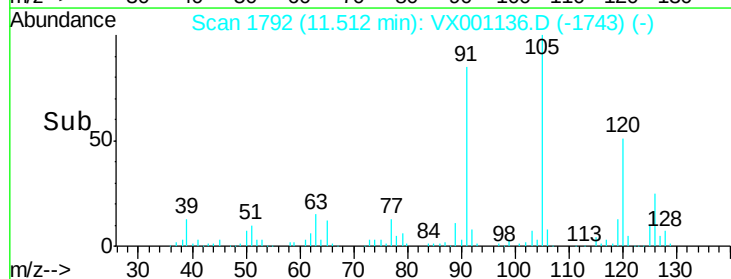
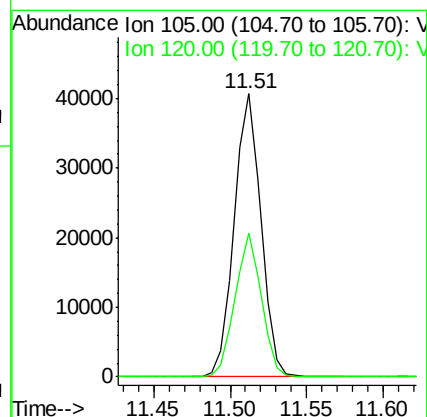
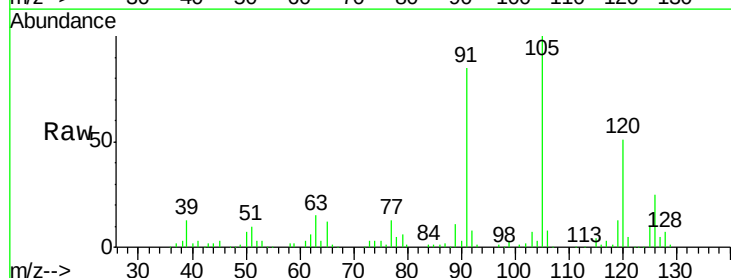
Acq: 26 Apr 2018 17:29

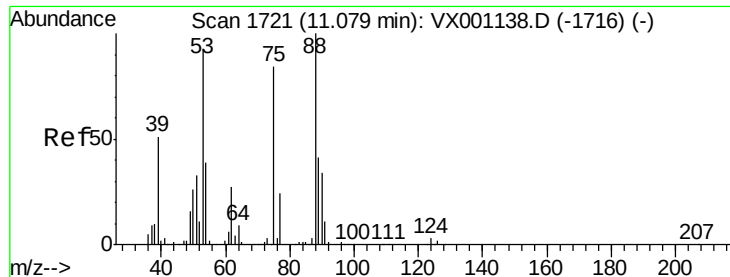
Tgt Ion: 105 Resp: 49234

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0

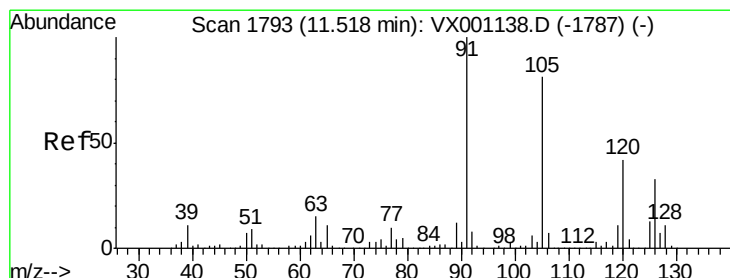
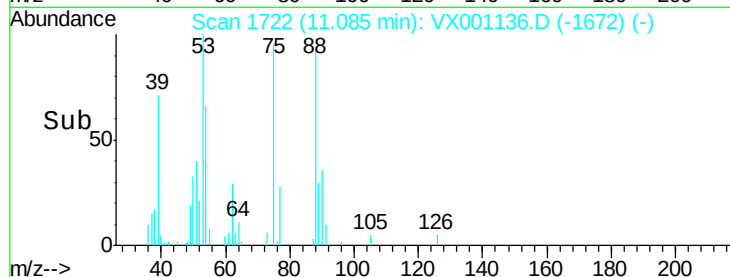
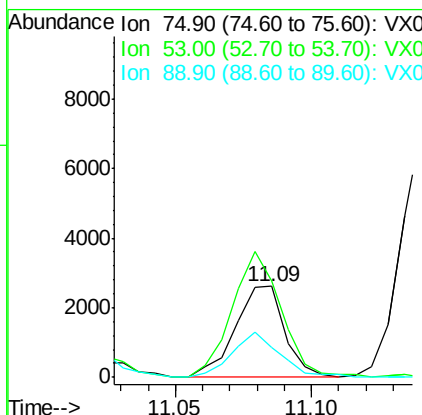
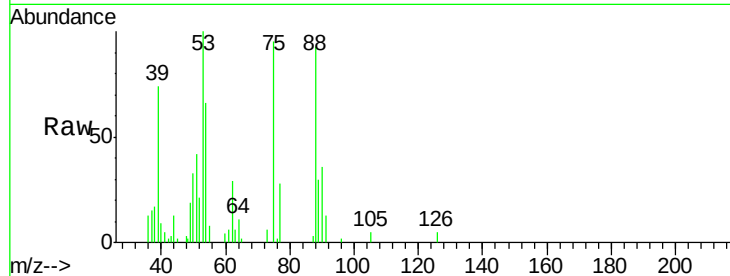




#81
trans-1,4-Dichloro-2-butene
Concen: 3.69 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

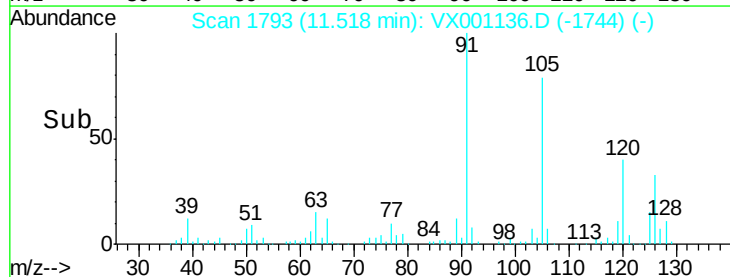
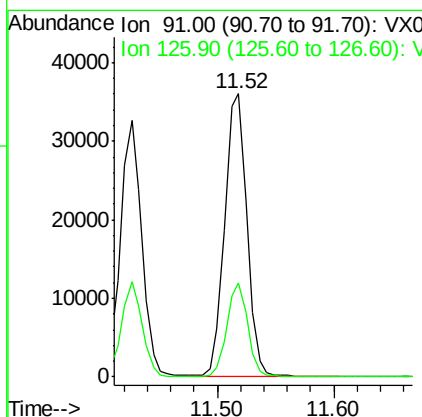
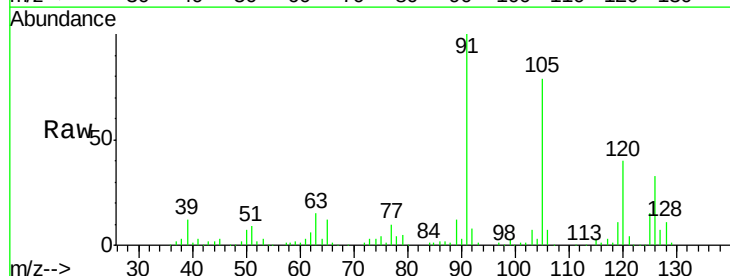
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

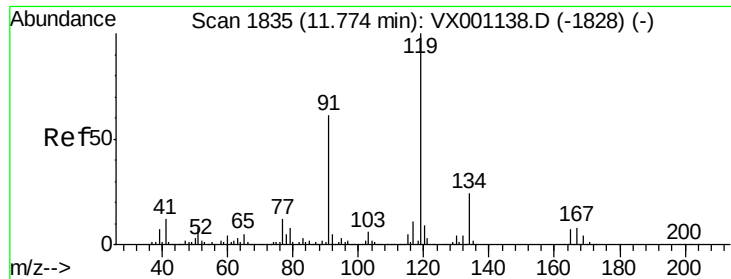
Tgt Ion: 75 Resp: 3328
Ion Ratio Lower Upper
75 100
53 136.3 87.9 131.9#
89 47.7 37.7 56.5



#82
4-Chlorotoluene
Concen: 4.94 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion: 91 Resp: 47933
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

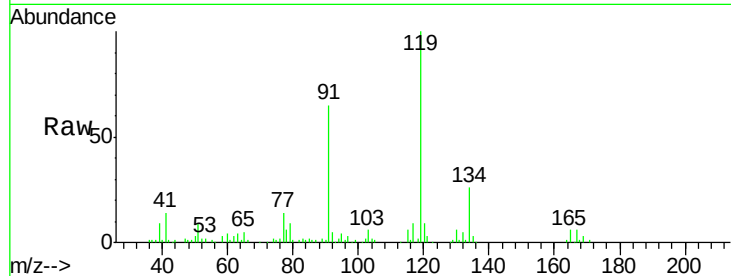




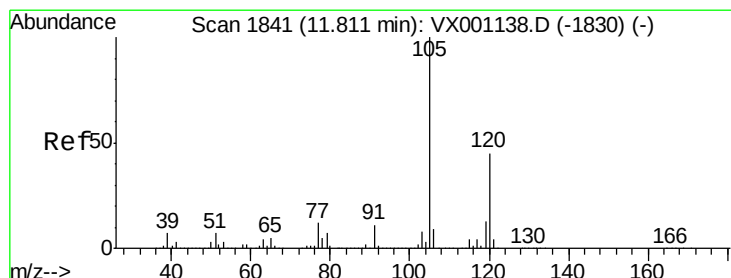
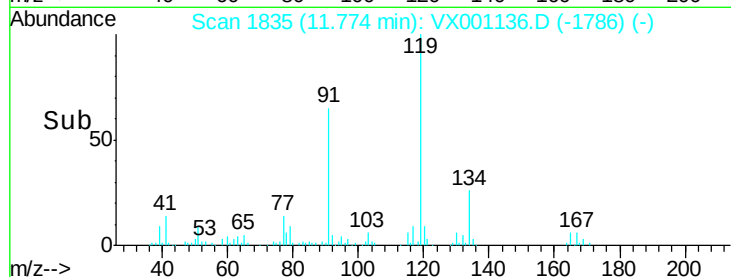
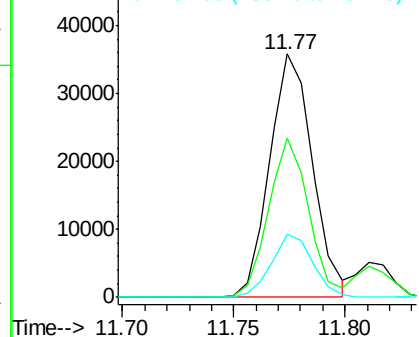
#83
 tert-Butylbenzene
 Concen: 4.74 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 47879
 Ion Ratio Lower Upper
 119 100
 91 61.2 27.6 82.8
 134 25.1 11.5 34.5

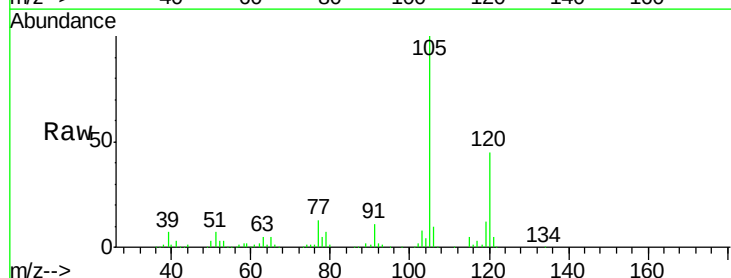


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

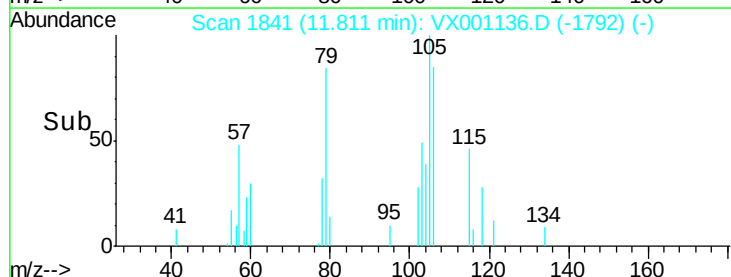
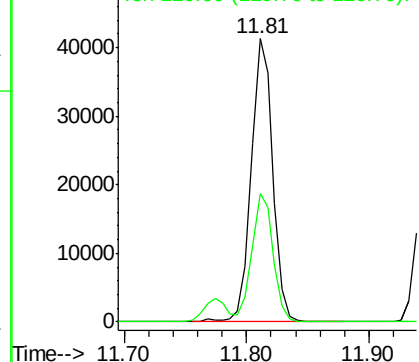


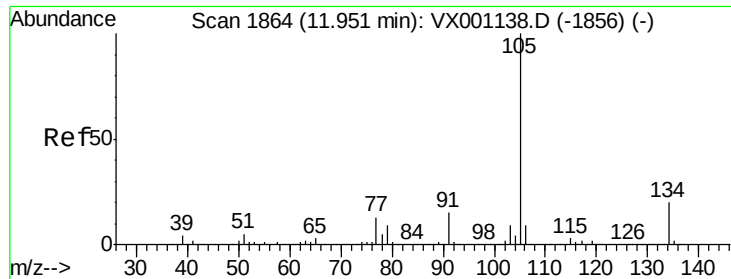
#84
 1,2,4-Trimethylbenzene
 Concen: 4.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion:105 Resp: 50664
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3



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





#85

sec-Butylbenzene

Concen: 4.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

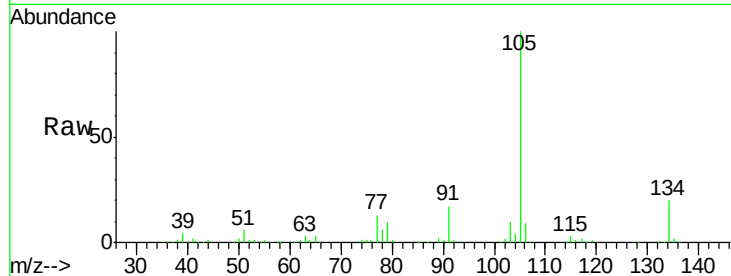
VSTDIC005

Tgt Ion:105 Resp: 57916

Ion Ratio Lower Upper

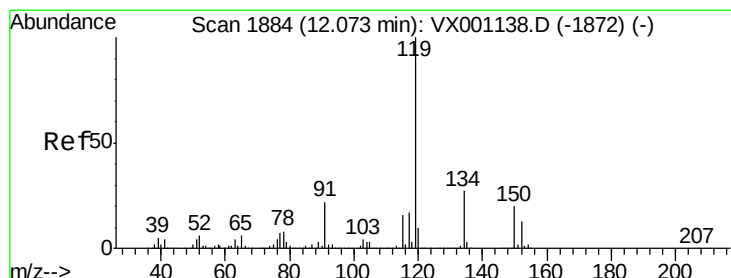
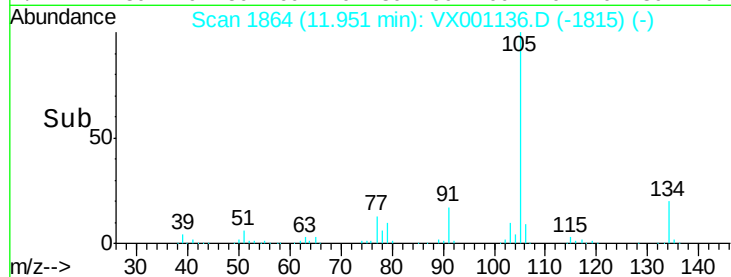
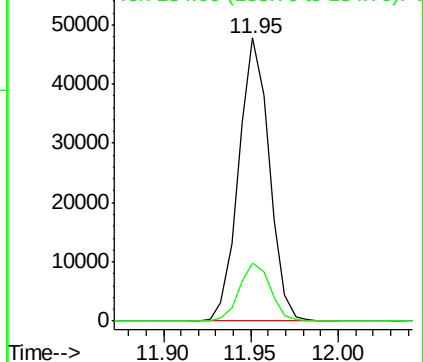
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.79 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

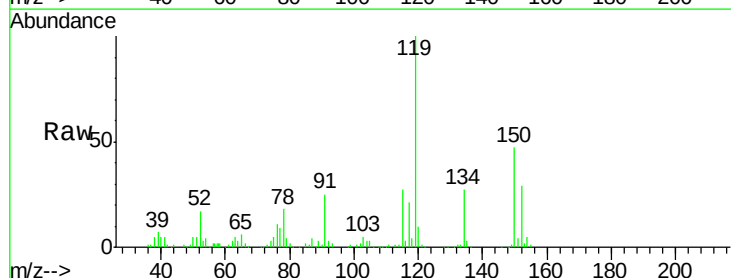
Tgt Ion:119 Resp: 53312

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

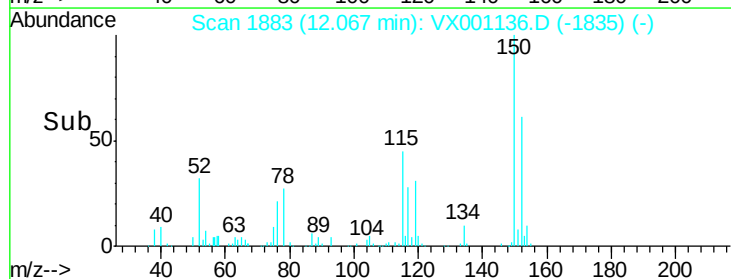
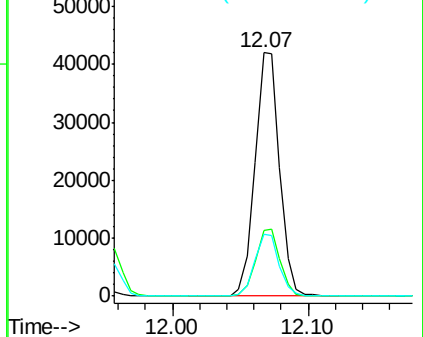
91 25.6 11.6 34.8

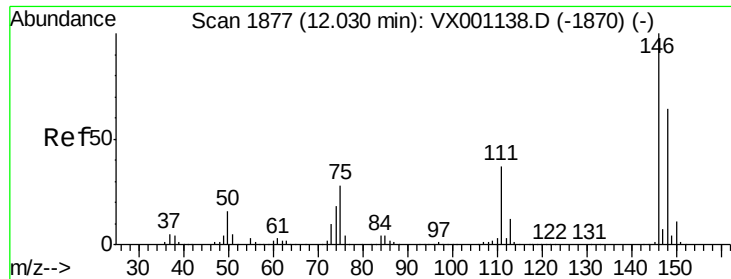


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

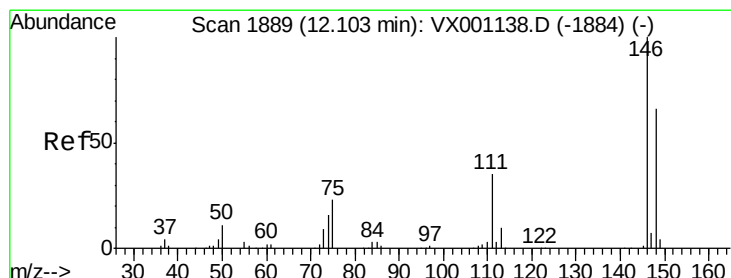
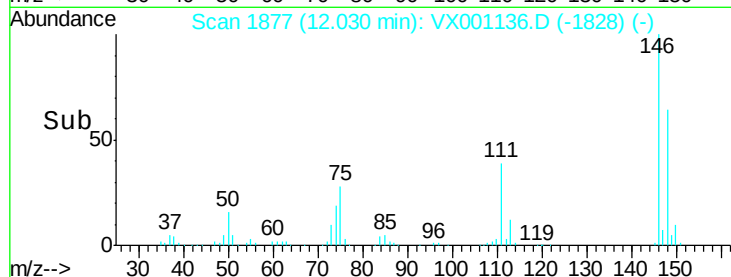
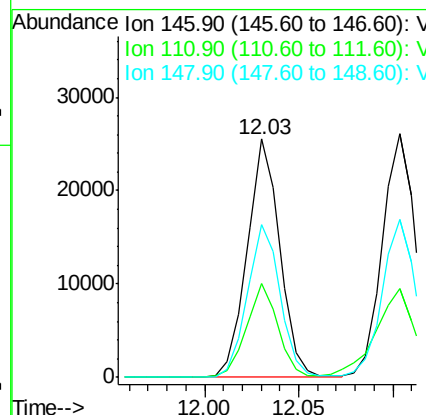
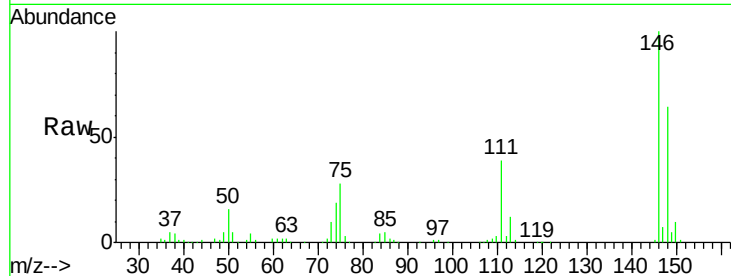




#87
 1,3-Dichlorobenzene
 Concen: 4.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

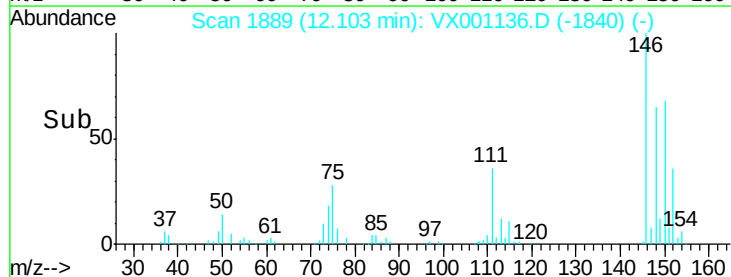
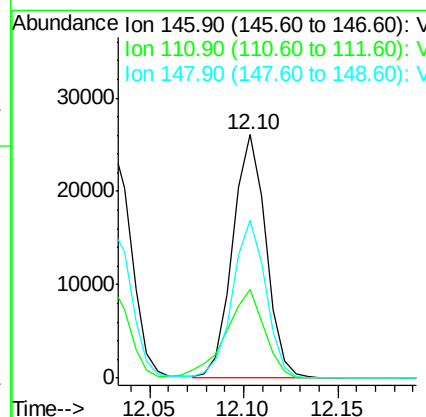
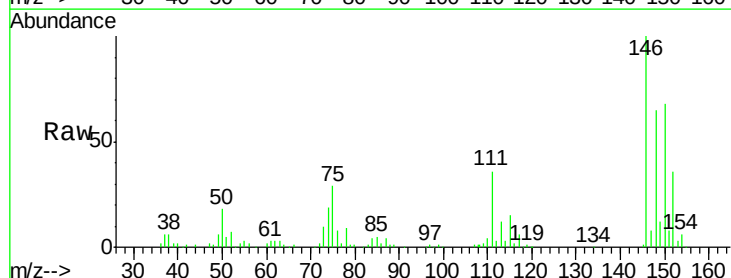
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

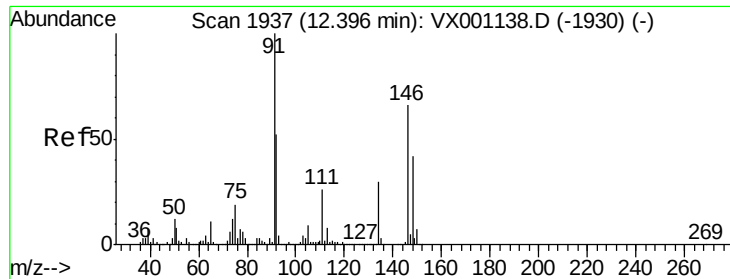
Tgt Ion:146 Resp: 30728
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 64.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 4.85 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion:146 Resp: 32013
 Ion Ratio Lower Upper
 146 100
 111 42.4 18.0 54.0
 148 65.5 32.5 97.5





#89

n-Butylbenzene

Concen: 4.50 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001136.D

Acq: 26 Apr 2018 17:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

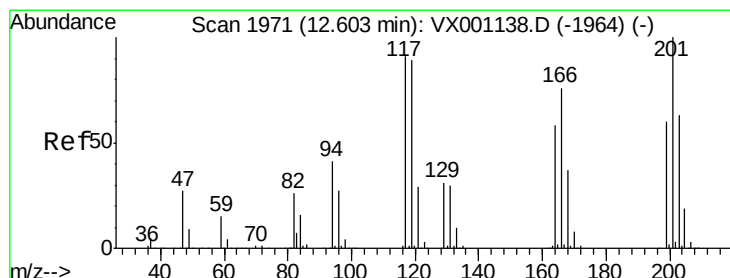
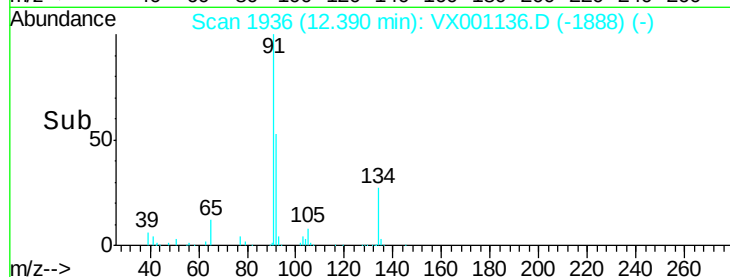
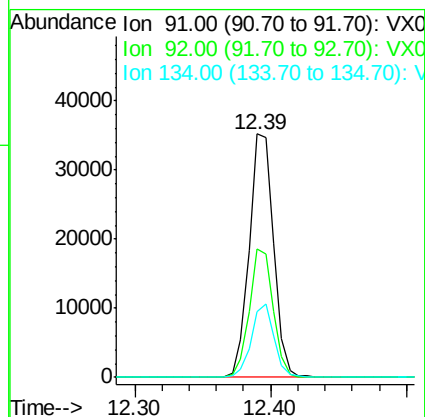
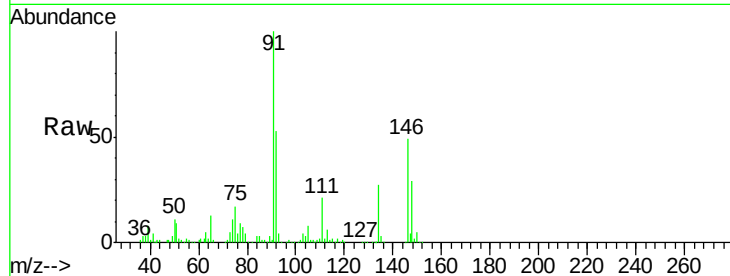
Tgt Ion: 91 Resp: 44382

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.6

134 28.1 14.1 42.3



#90

Hexachloroethane

Concen: 4.18 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001136.D

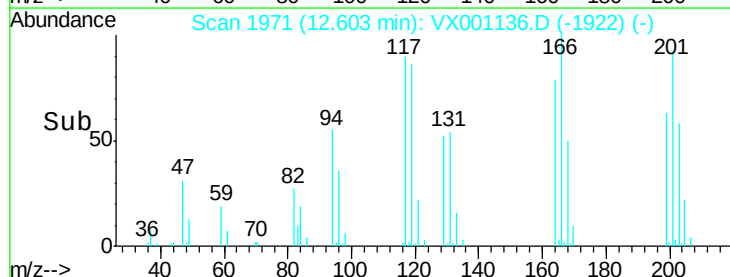
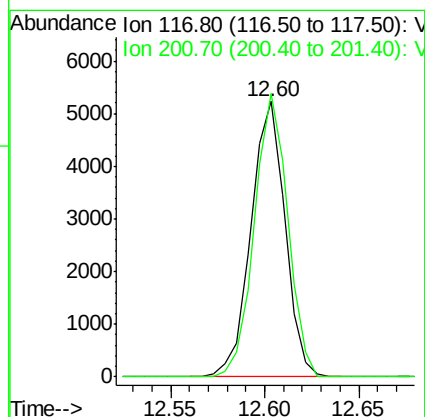
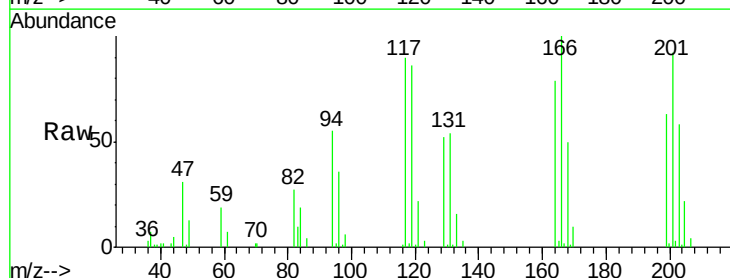
Acq: 26 Apr 2018 17:29

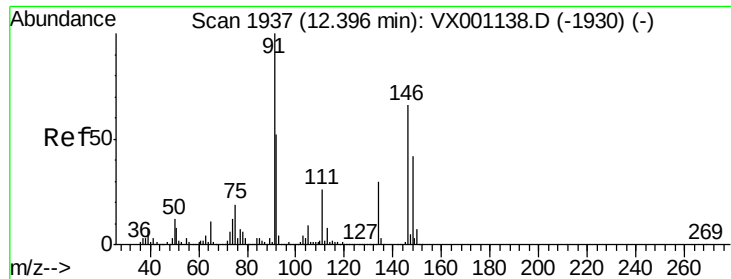
Tgt Ion: 117 Resp: 6571

Ion Ratio Lower Upper

117 100

201 100.3 51.8 155.4

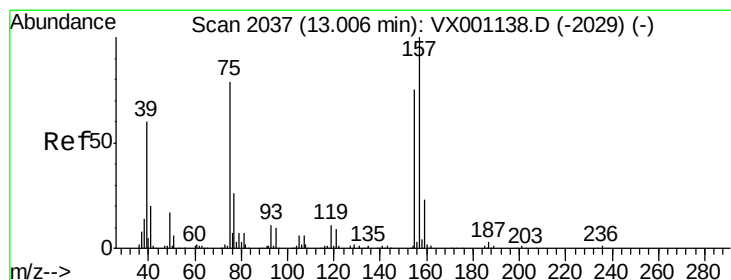
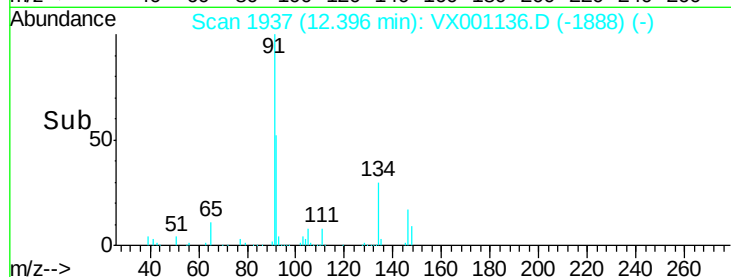
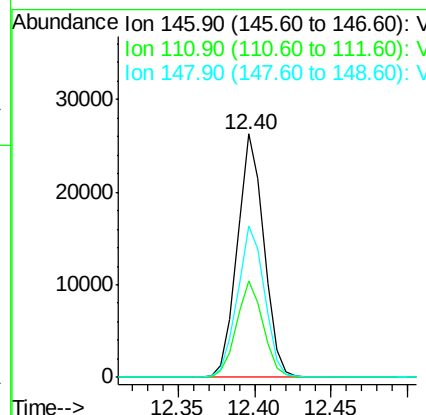
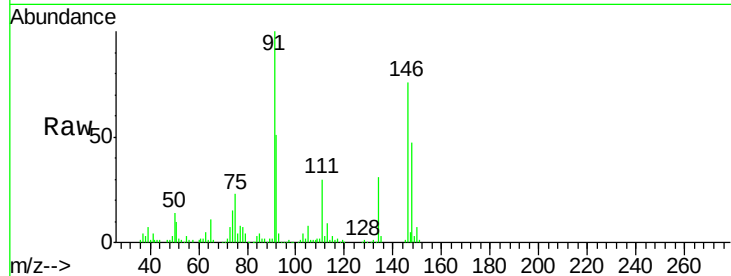




#91
 1,2-Dichlorobenzene
 Concen: 5.07 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

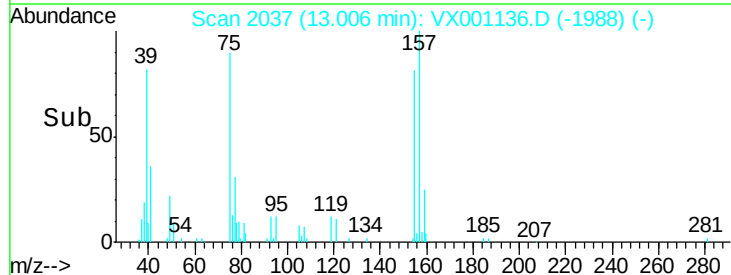
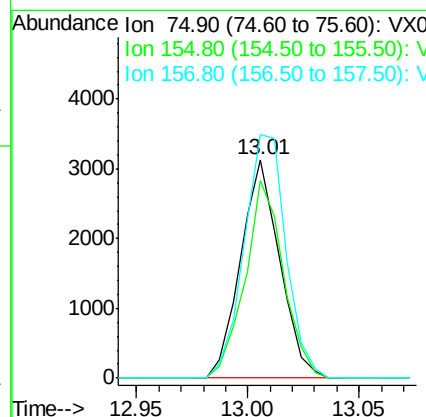
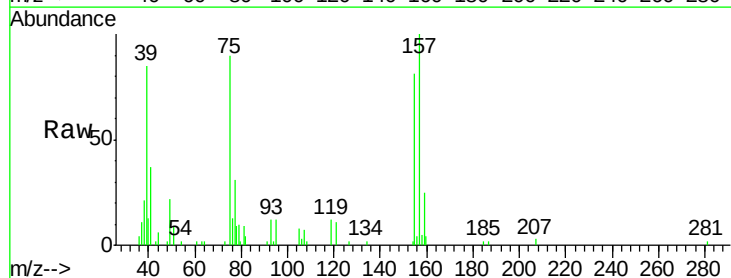
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

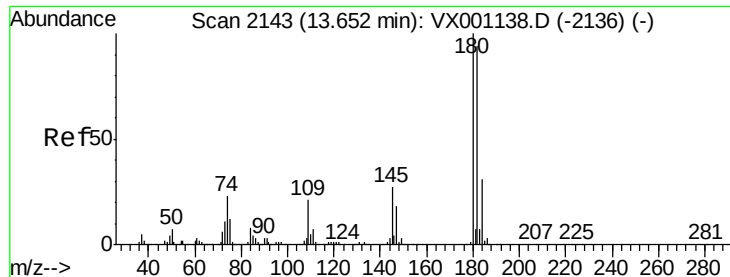
Tgt Ion: 146 Resp: 31643
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.3
 148 63.5 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.22 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion: 75 Resp: 3829
 Ion Ratio Lower Upper
 75 100
 155 88.5 48.4 145.3
 157 119.8 62.7 188.1

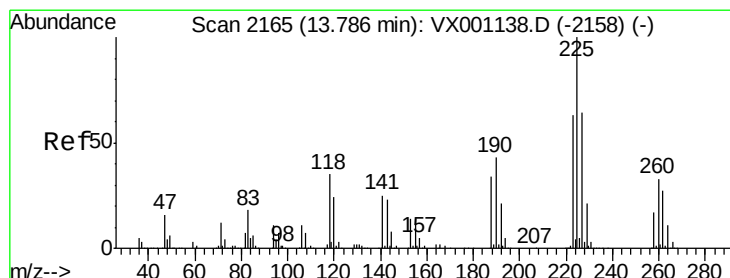
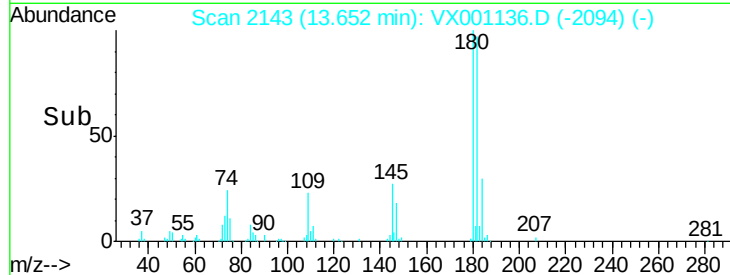
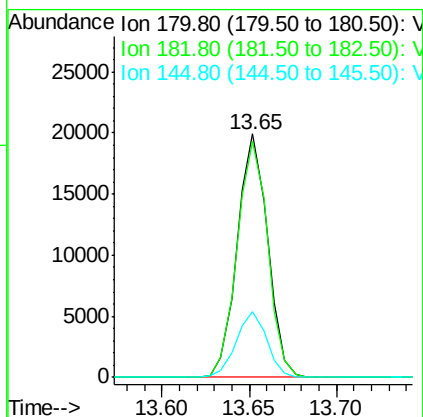
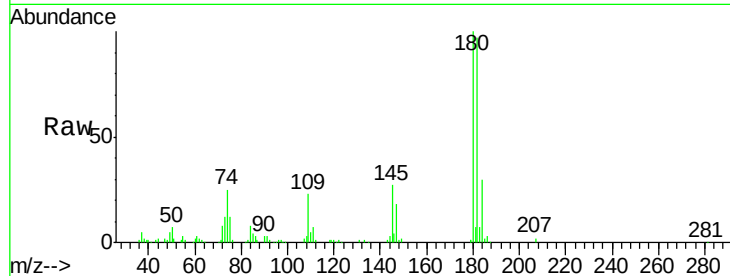




#93
 1,2,4-Trichlorobenzene
 Concen: 4.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

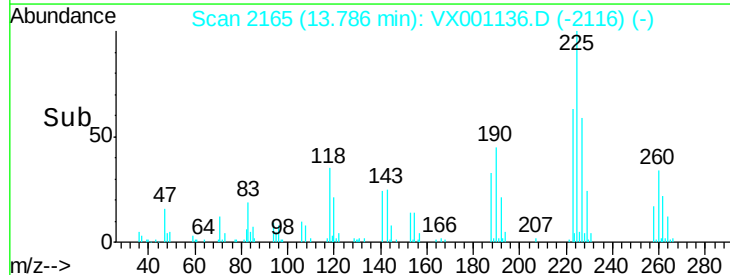
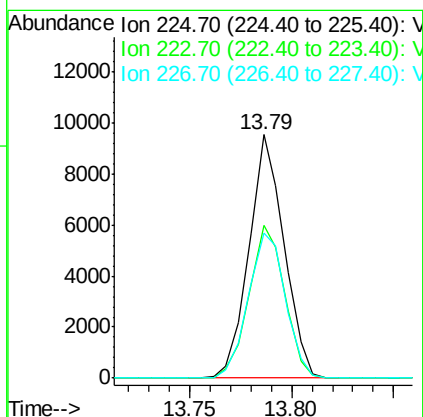
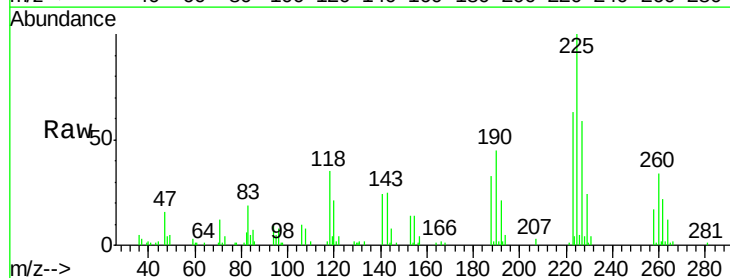
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

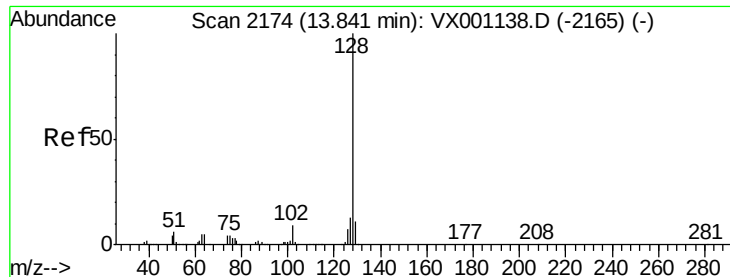
Tgt Ion:180 Resp: 24098
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.9 143.6
 145 27.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 4.83 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001136.D
 Acq: 26 Apr 2018 17:29

Tgt Ion:225 Resp: 11426
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.9
 227 62.7 32.2 96.6

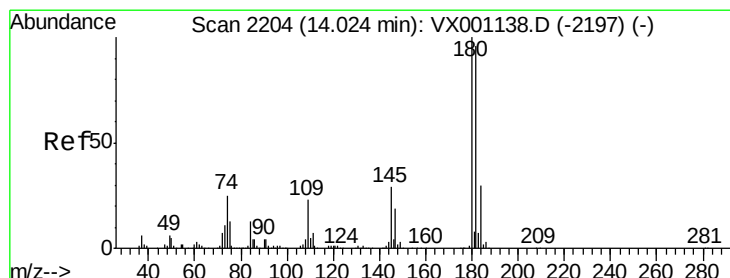
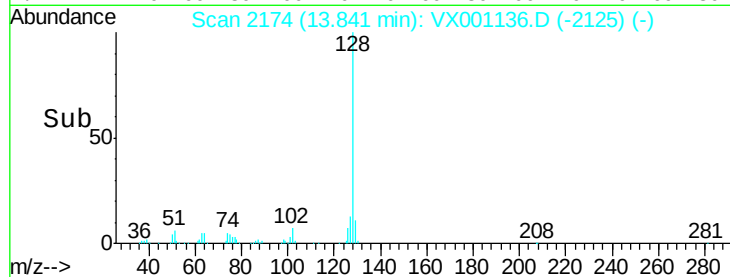
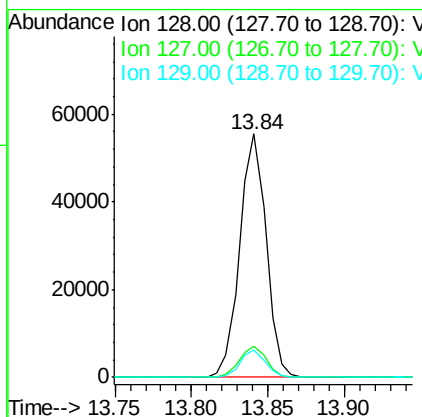
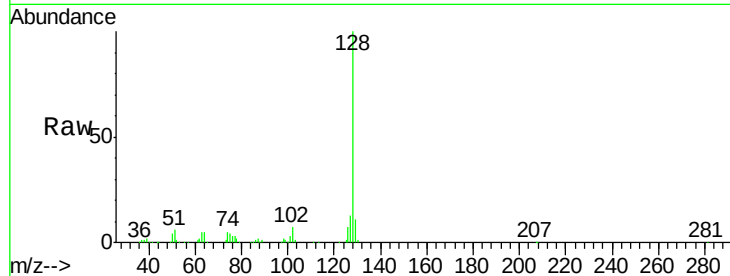




#95
Naphthalene
Concen: 5.11 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 66501
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.85 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001136.D
Acq: 26 Apr 2018 17:29

Tgt Ion:180 Resp: 24452
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 28.5 14.5 43.5

