

Data File : VX000997.D

Acq On : 19 Apr 2018 18:54

Operator : JC/MD

Sample : VSTDICC100

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Apr 20 04:26:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 04:18:00 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	289847	92.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.48%	
35) Dibromofluoromethane	5.51	113	249041	107.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.54%	
50) Toluene-d8	8.73	98	893559	107.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.42%	
62) 4-Bromofluorobenzene	11.15	95	371066	107.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	331779	140.76	ug/l	99
3) Chloromethane	1.32	50	273806	112.88	ug/l	99
4) Vinyl Chloride	1.40	62	297129	125.78	ug/l	99
5) Bromomethane	1.64	94	140664	90.49	ug/l	98
6) Chloroethane	1.72	64	168012	101.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	432543	121.00	ug/l	100
8) Diethyl Ether	2.19	74	157483	115.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	249832	116.84	ug/l	100
10) Methyl Iodide	2.51	142	282709	146.55	ug/l	98
11) Tert butyl alcohol	3.08	59	231092	568.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	235135	115.28	ug/l	99
13) Acrolein	2.30	56	76708	927.53	ug/l	100
14) Allyl chloride	2.73	41	431582	113.58	ug/l	99
15) Acrylonitrile	3.15	53	609410	567.23	ug/l	100
16) Acetone	2.45	43	542619	533.89	ug/l	97
17) Carbon Disulfide	2.57	76	690248	108.76	ug/l	100
18) Methyl Acetate	2.78	43	368626	140.02	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	787054	118.44	ug/l	100
20) Methylene Chloride	2.86	84	251508	105.42	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	256534	111.25	ug/l	99
22) Diisopropyl ether	3.88	45	854714	117.62	ug/l	98
23) Vinyl Acetate	3.83	43	3480940	586.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	456879	116.61	ug/l	99
25) 2-Butanone	4.71	43	888554	568.00	ug/l	100
26) 2,2-Dichloropropane	4.59	77	409458	119.11	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	295200	118.31	ug/l	98
28) Bromochloromethane	5.03	49	192123	116.96	ug/l	100
29) Tetrahydrofuran	5.17	42	566077	567.77	ug/l	100
30) Chloroform	5.23	83	482467	119.55	ug/l	100
31) Cyclohexane	5.59	56	427158	120.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	446107	124.16	ug/l	99
36) 1,1-Dichloropropene	5.81	75	372011	117.88	ug/l	99
37) Ethyl Acetate	4.87	43	351869	119.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	403400	122.79	ug/l	99

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ClientSampleId :
VSTDICC100

Quant Time: Apr 20 04:26:54 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 04:18:00 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	444864	117.95	ug/l	100
40) Benzene	6.15	78	1062903	120.74	ug/l	99
41) Methacrylonitrile	5.07	41	209743	113.90	ug/l	99
42) 1,2-Dichloroethane	6.21	62	396767	116.05	ug/l	100
43) Isopropyl Acetate	6.47	43	610988	122.85	ug/l	100
44) Trichloroethene	7.22	130	324075	116.82	ug/l	98
45) 1,2-Dichloropropane	7.52	63	271997	118.87	ug/l	100
46) Dibromomethane	7.67	93	187297	118.71	ug/l	99
47) Bromodichloromethane	7.91	83	372562	127.50	ug/l	99
48) Methyl methacrylate	7.79	41	326661	117.03	ug/l	99
49) 1,4-Dioxane	7.76	88	98844	2599.80	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1851165	614.07	ug/l	100
52) Toluene	8.79	92	702777	121.62	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	453900	129.43	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	440143	131.59	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	278581	123.94	ug/l	99
56) Ethyl methacrylate	9.19	69	427301	125.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	450828	121.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1017615	655.50	ug/l	99
59) 2-Hexanone	9.51	43	1413324	611.33	ug/l	99
60) Dibromochloromethane	9.59	129	327216	132.01	ug/l	100
61) 1,2-Dibromoethane	9.68	107	300296	123.63	ug/l	100
64) Tetrachloroethene	9.34	164	322091	114.09	ug/l	98
65) Chlorobenzene	10.15	112	825118	118.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	306663	126.18	ug/l	99
67) Ethyl Benzene	10.26	91	1383173	120.77	ug/l	100
68) m/p-Xylenes	10.37	106	1089036	239.87	ug/l	100
69) o-Xylene	10.71	106	531004	120.16	ug/l	99
70) Styrene	10.72	104	894891	122.39	ug/l	99
71) Bromoform	10.87	173	278759	133.46	ug/l	99
73) Isopropylbenzene	11.02	105	1417562	115.48	ug/l	98
74) N-amyl acetate	6.47	43	610988	119.22	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	418489	120.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	485905	127.41	ug/l	89
77) Bromobenzene	11.26	156	415687	115.75	ug/l	100
78) n-propylbenzene	11.37	91	1613876	113.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	950680	113.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1217890	116.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	129849	133.87	ug/l	94
82) 4-Chlorotoluene	11.52	91	1147435	113.47	ug/l	100
83) tert-Butylbenzene	11.77	119	1253460	116.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1253038	117.94	ug/l	100
85) sec-Butylbenzene	11.95	105	1450753	112.74	ug/l	99
86) p-Isopropyltoluene	12.07	119	1354504	114.18	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	765046	113.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	781757	114.00	ug/l	99
89) n-Butylbenzene	12.40	91	1201656	112.26	ug/l	99
90) Hexachloroethane	12.60	117	219413	127.94	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	752551	115.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	91711	126.73	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041918\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICC100

Quant Time: Apr 20 04:26:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 04:18:00 2018
Response via : Initial Calibration

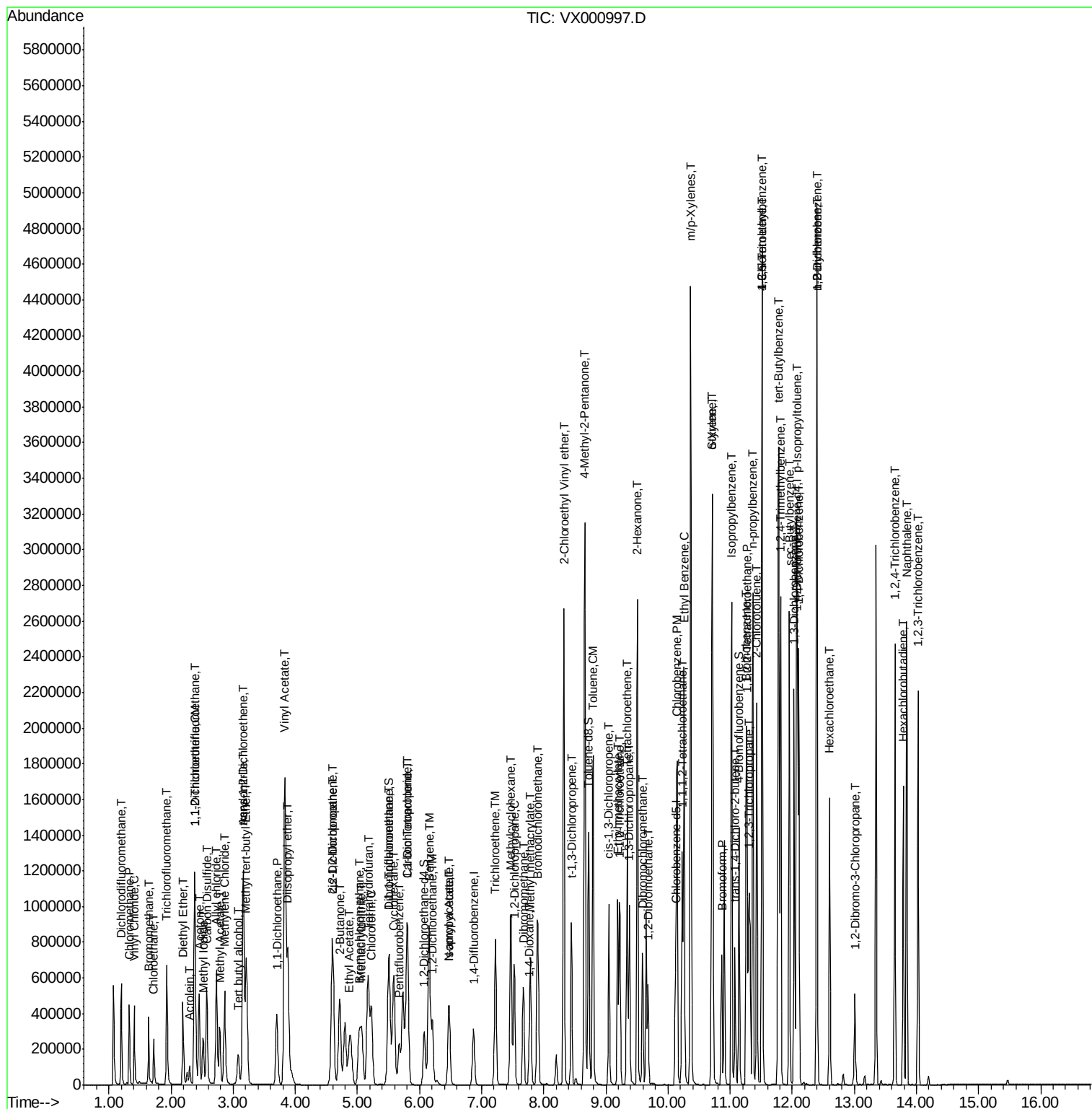
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	627578	109.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	281489	110.01	ug/l	99
95) Naphthalene	13.84	128	1595597	118.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	605743	112.86	ug/l	100

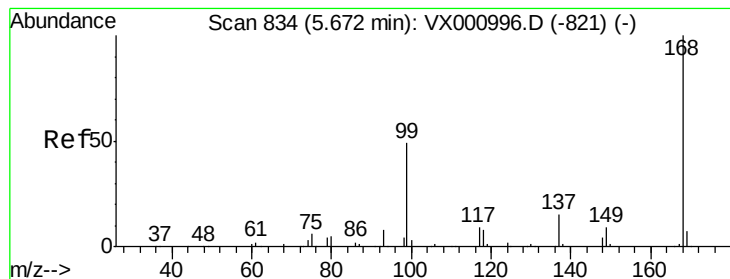
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 6 Sample Multiplier: 1

VSTDICC100

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: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

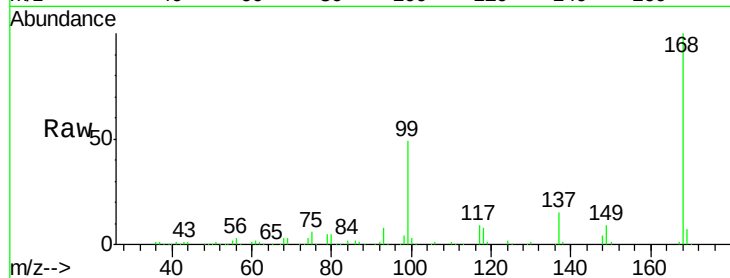
VSTDIC100

Tgt Ion:168 Resp: 247169

Ion Ratio Lower Upper

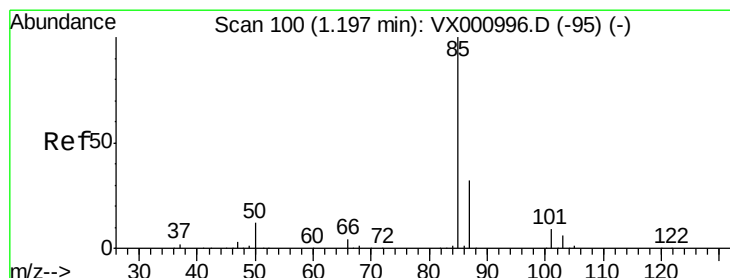
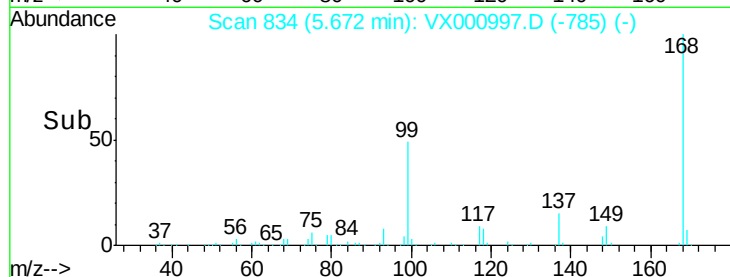
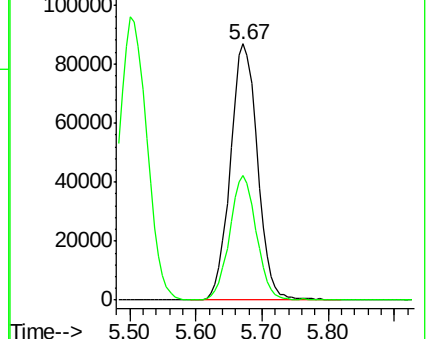
168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 140.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000997.D

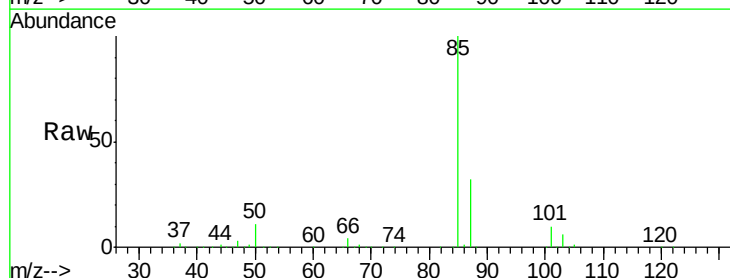
Acq: 19 Apr 2018 18:54

Tgt Ion: 85 Resp: 331779

Ion Ratio Lower Upper

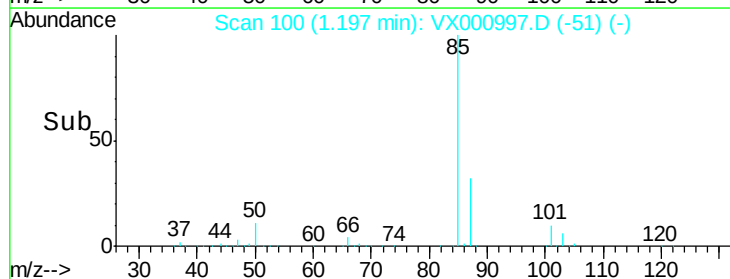
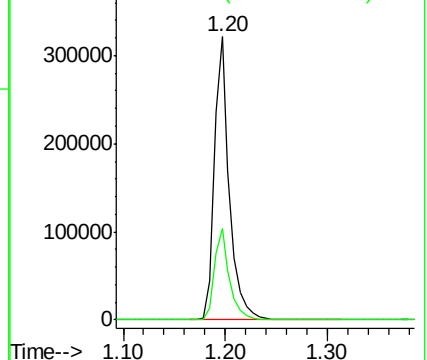
85 100

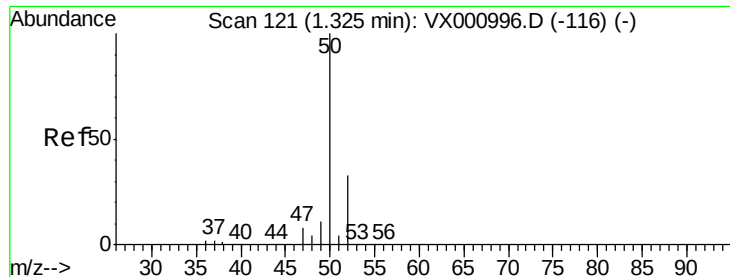
87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 112.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

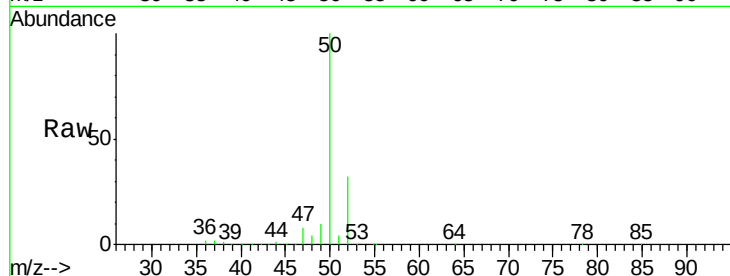
VSTDIC100

Tgt Ion: 50 Resp: 273806

Ion Ratio Lower Upper

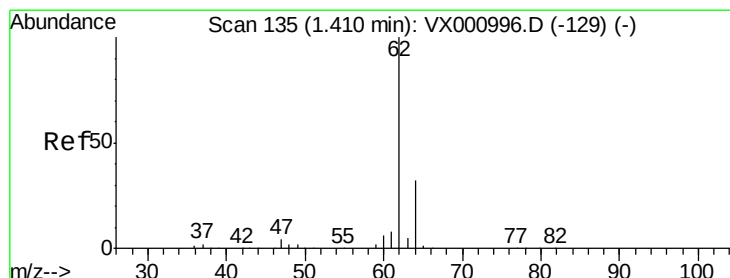
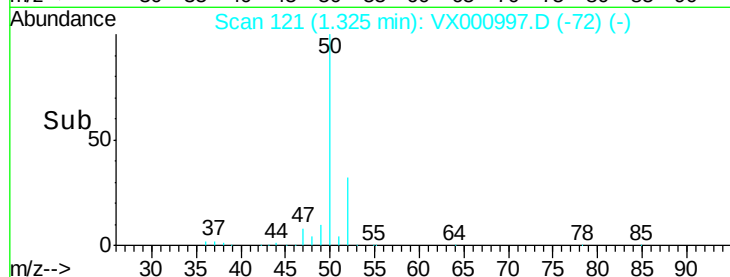
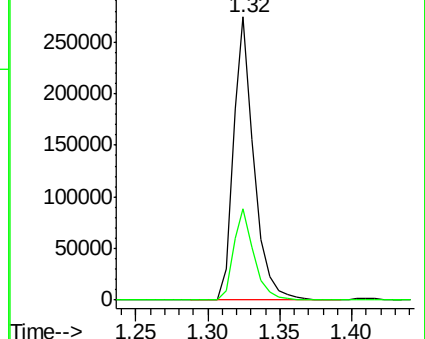
50 100

52 32.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 125.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000997.D

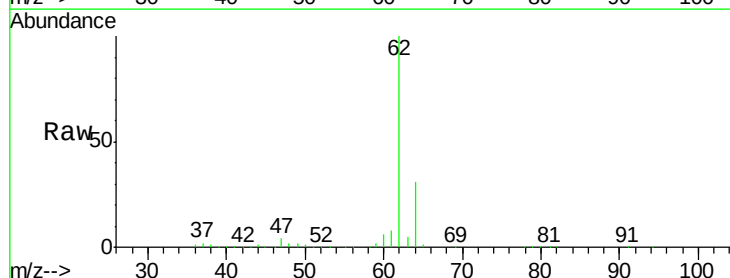
Acq: 19 Apr 2018 18:54

Tgt Ion: 62 Resp: 297129

Ion Ratio Lower Upper

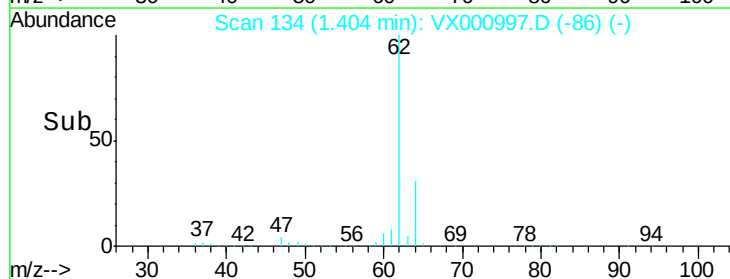
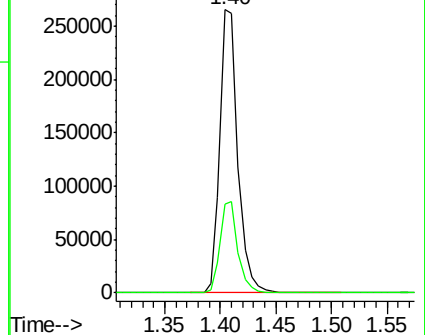
62 100

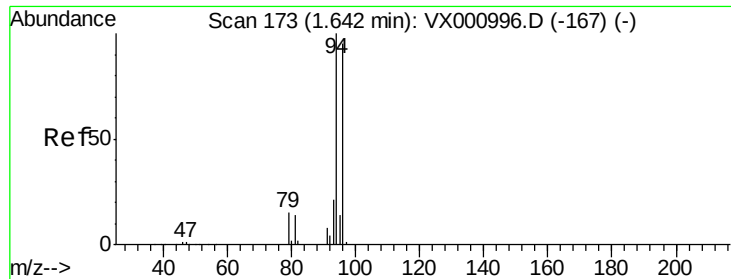
64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 90.49 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

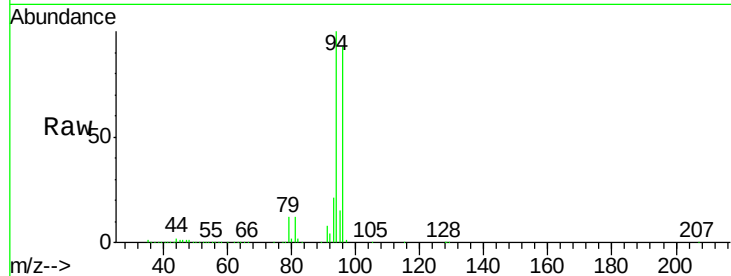
VSTDIC100

Tgt Ion: 94 Resp: 140664

Ion Ratio Lower Upper

94 100

96 93.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

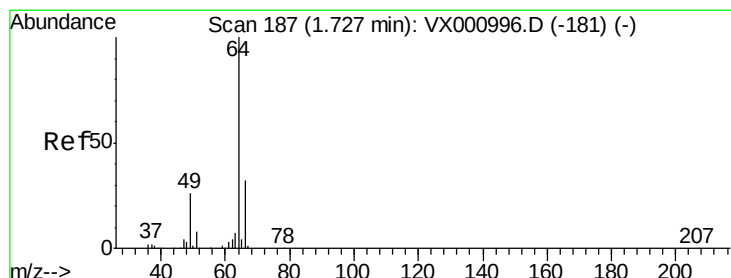
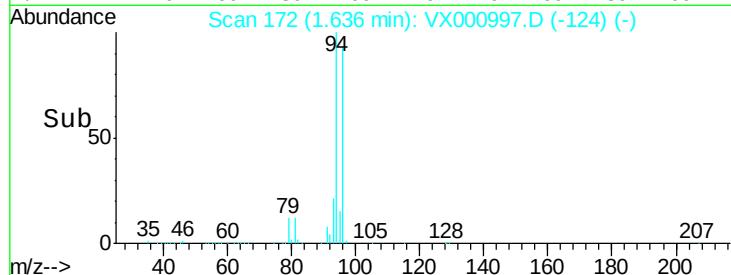
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 101.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000997.D

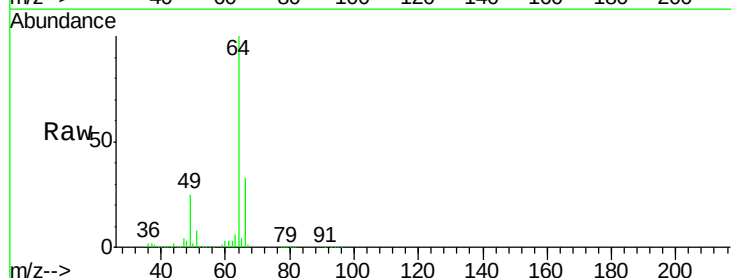
Acq: 19 Apr 2018 18:54

Tgt Ion: 64 Resp: 168012

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

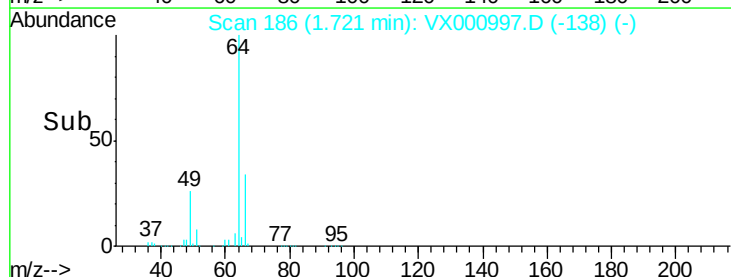
1.72

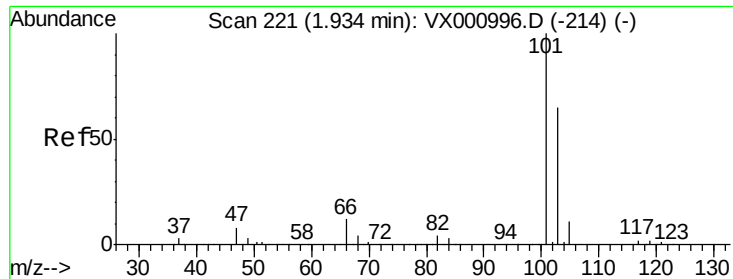
100000

50000

0

Time-->



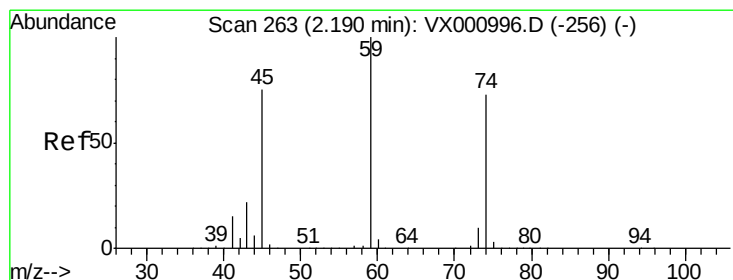
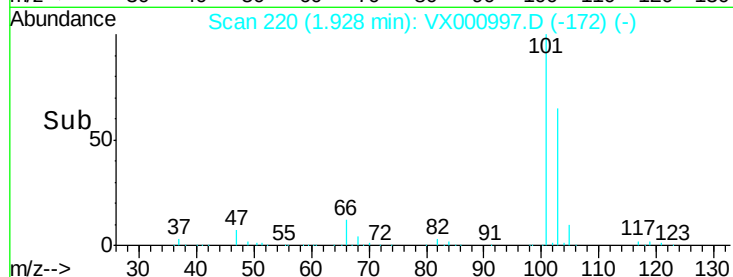
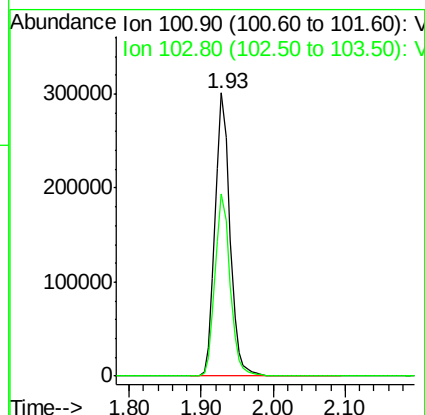
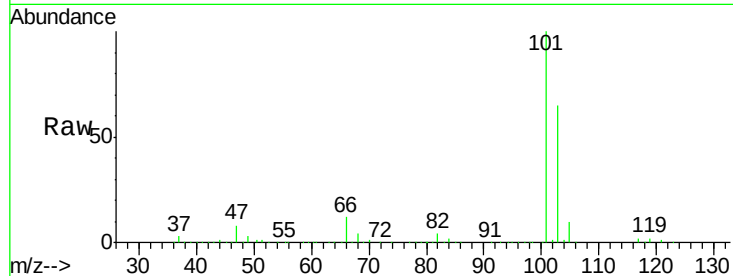


#7

Trichlorofluoromethane
 Concen: 121.00 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

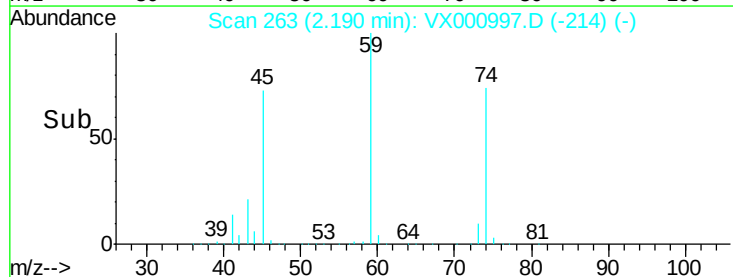
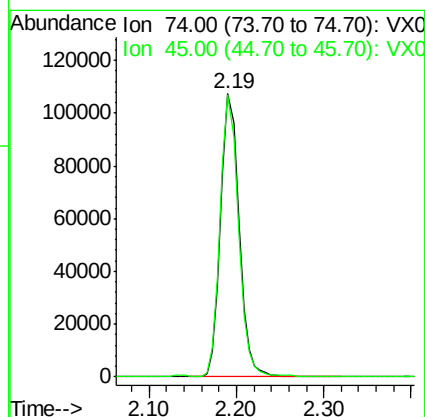
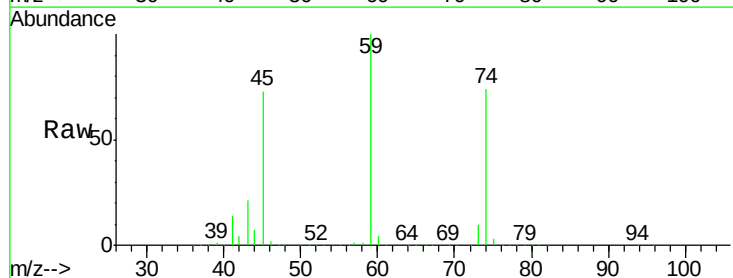
Tgt Ion: 101 Resp: 432543
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.8

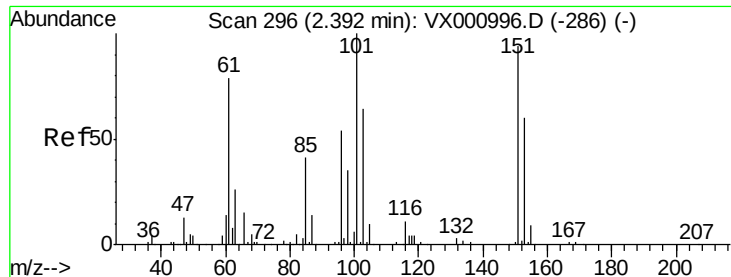


#8

Diethyl Ether
 Concen: 115.10 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 74 Resp: 157483
 Ion Ratio Lower Upper
 74 100
 45 98.4 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 116.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

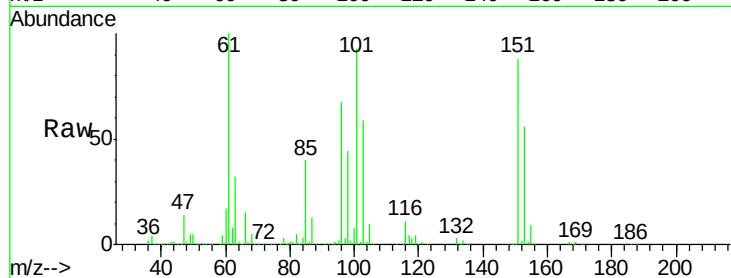
Tgt Ion:101 Resp: 249832

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

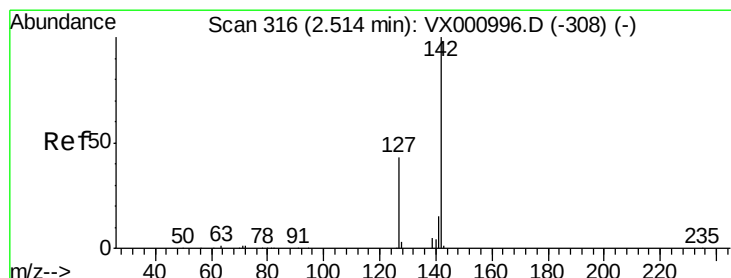
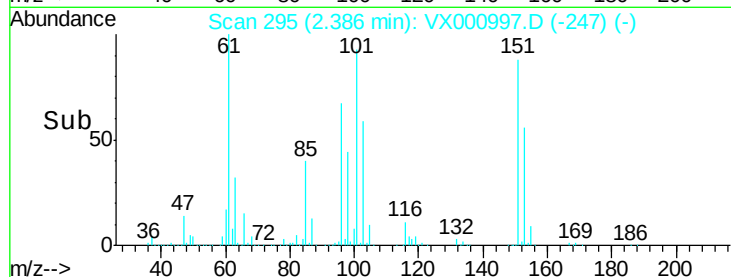
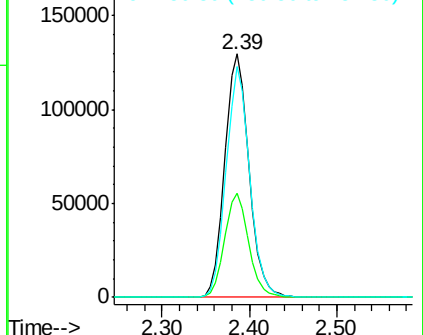
151 92.4 73.5 110.3



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: 146.55 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

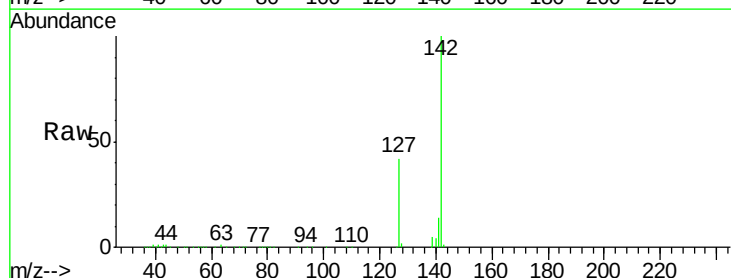
Tgt Ion:142 Resp: 282709

Ion Ratio Lower Upper

142 100

127 41.2 34.0 51.0

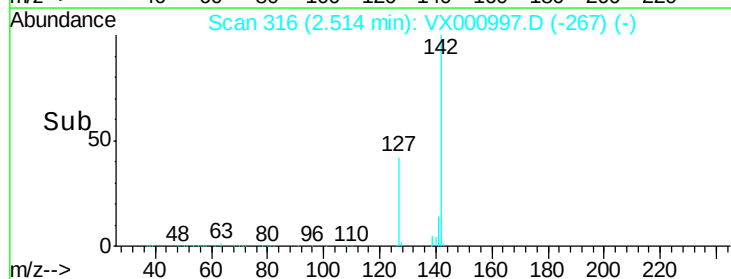
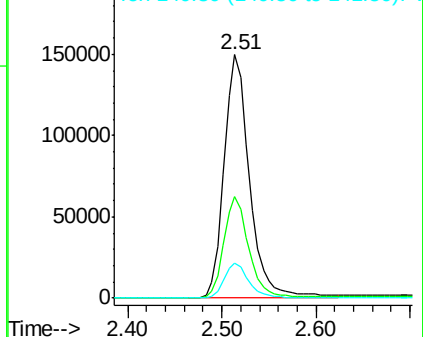
141 14.1 11.4 17.2

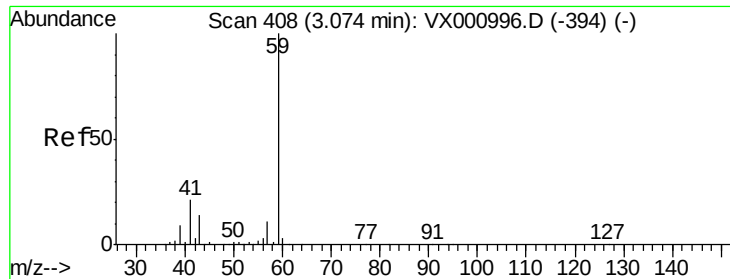


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

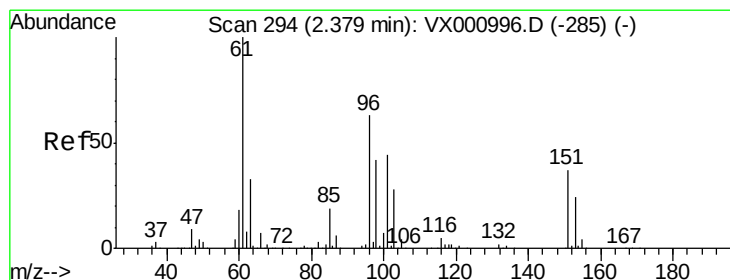
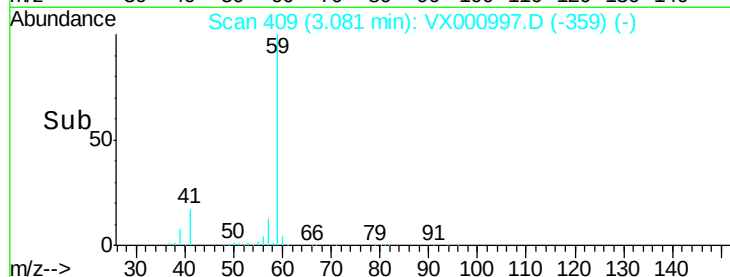
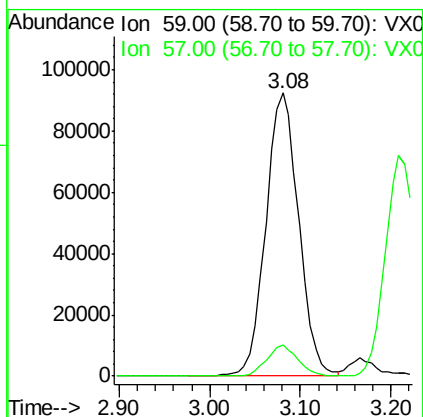
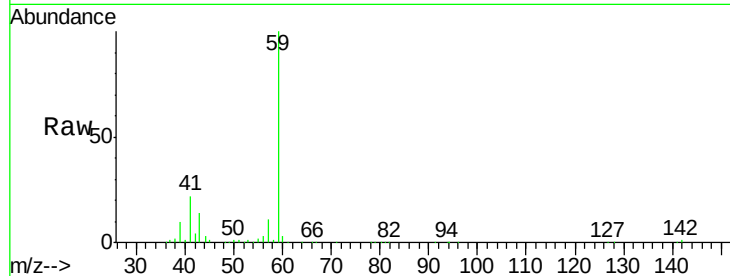




#11
Tert butyl alcohol
Concen: 568.60 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

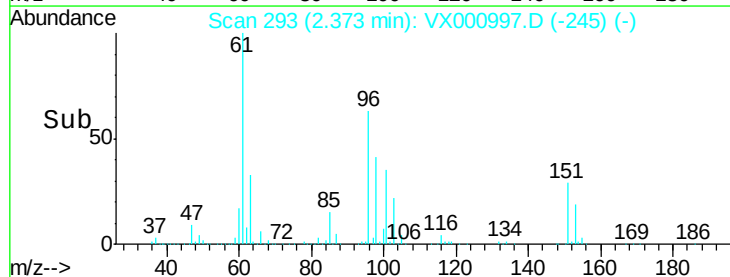
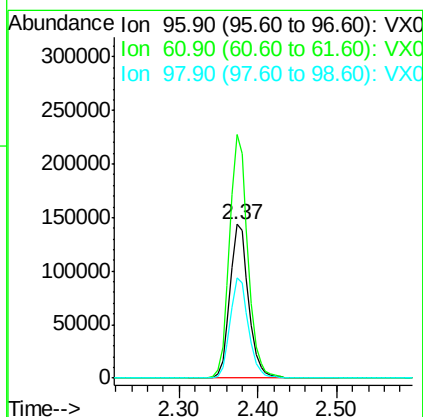
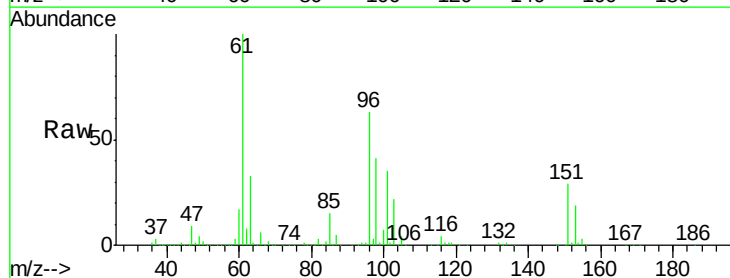
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

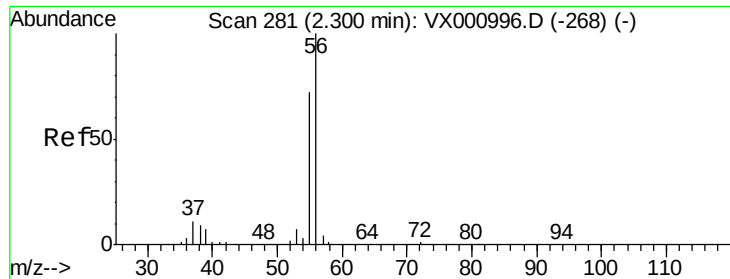
Tgt Ion: 59 Resp: 231092
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 115.28 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion: 96 Resp: 235135
Ion Ratio Lower Upper
96 100
61 158.8 126.4 189.6
98 65.3 52.6 78.8





#13

Acrolein

Concen: 927.53 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

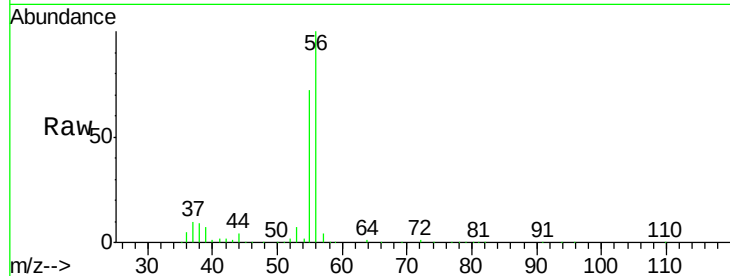
VSTDIC100

Tgt Ion: 56 Resp: 76708

Ion Ratio Lower Upper

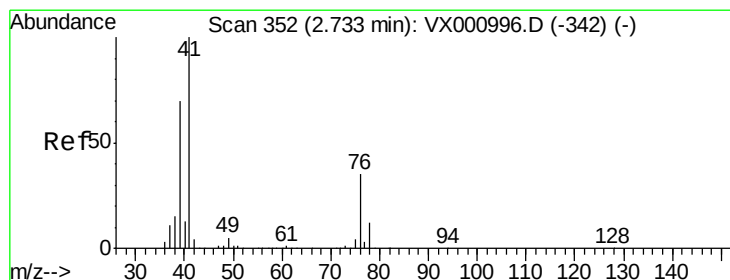
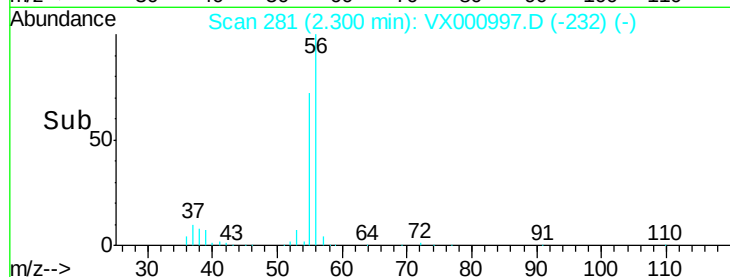
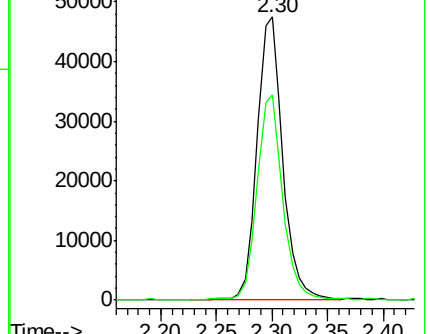
56 100

55 72.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 113.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

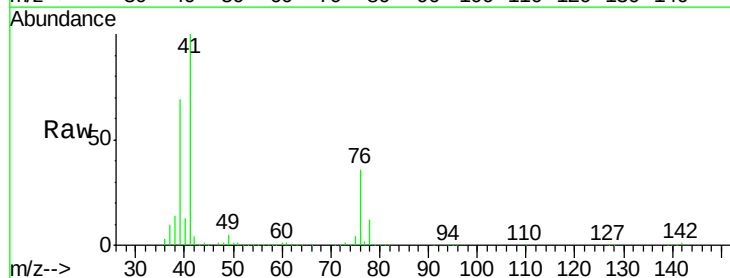
Tgt Ion: 41 Resp: 431582

Ion Ratio Lower Upper

41 100

39 65.7 53.0 79.6

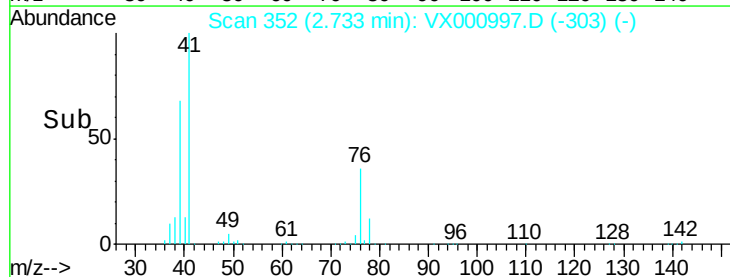
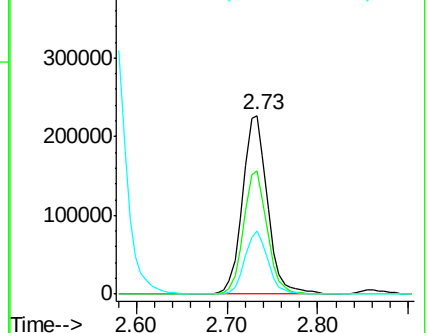
76 32.6 25.9 38.9

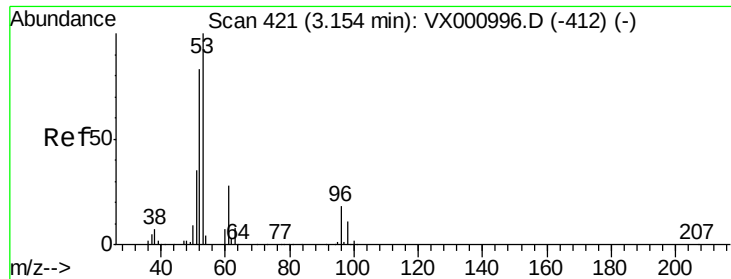


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 567.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

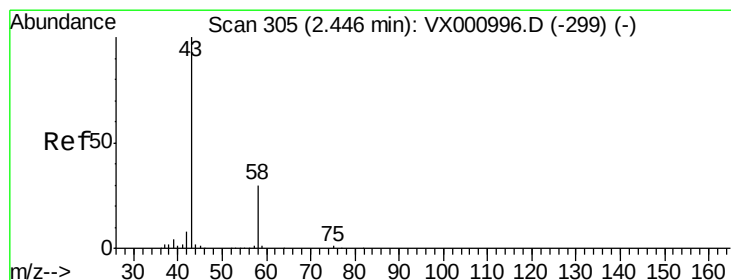
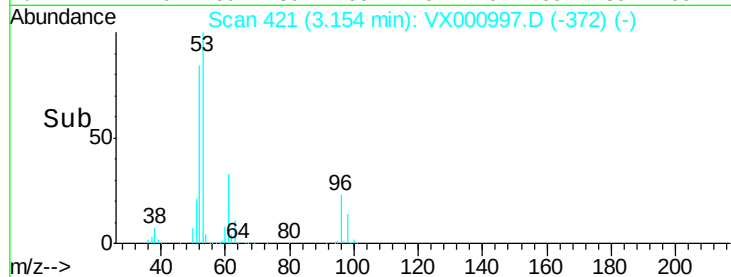
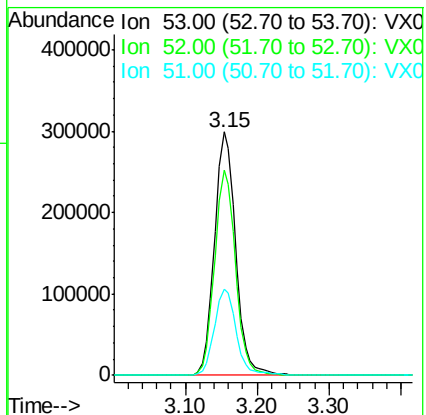
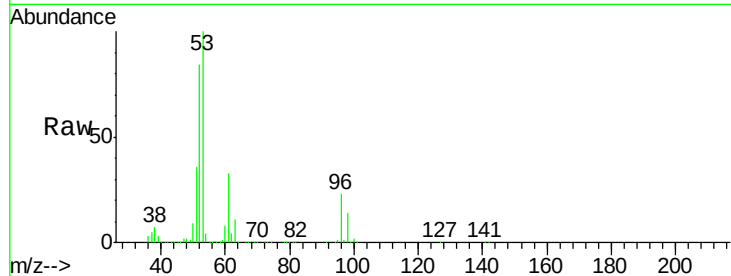
Tgt Ion: 53 Resp: 609410

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

51 36.4 29.0 43.6



#16

Acetone

Concen: 533.89 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000997.D

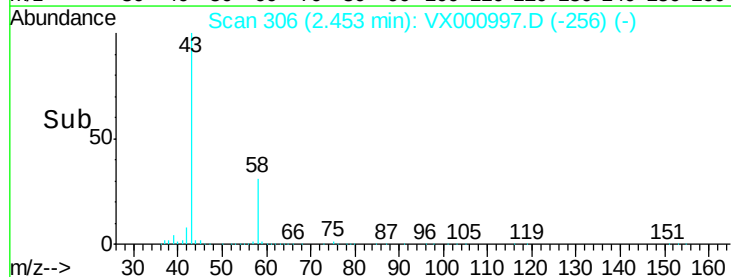
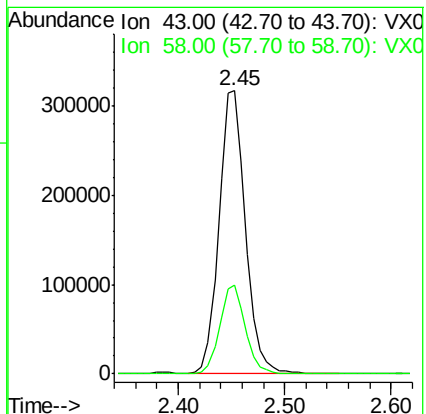
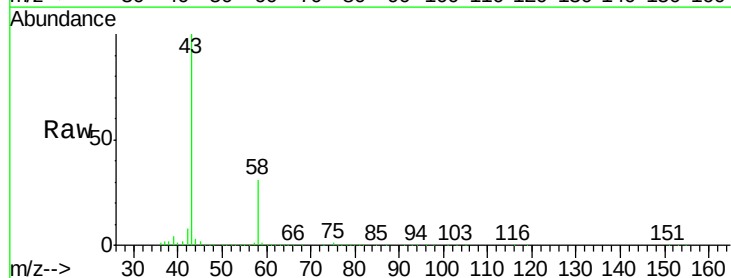
Acq: 19 Apr 2018 18:54

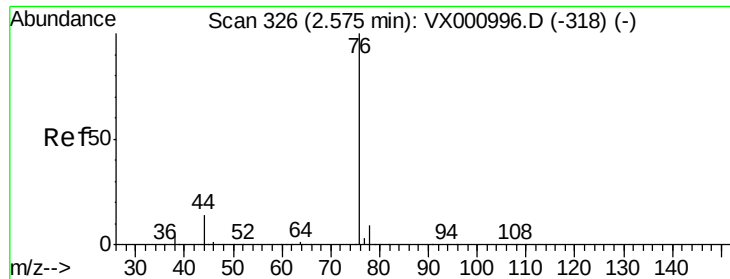
Tgt Ion: 43 Resp: 542619

Ion Ratio Lower Upper

43 100

58 31.2 23.7 35.5





#17

Carbon Disulfide

Concen: 108.76 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

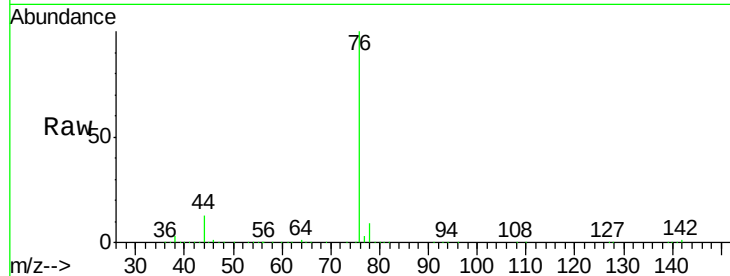
VSTDIC100

Tgt Ion: 76 Resp: 690248

Ion Ratio Lower Upper

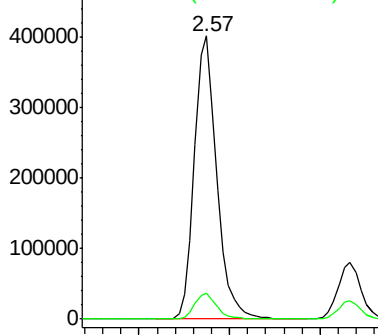
76 100

78 9.1 7.3 10.9

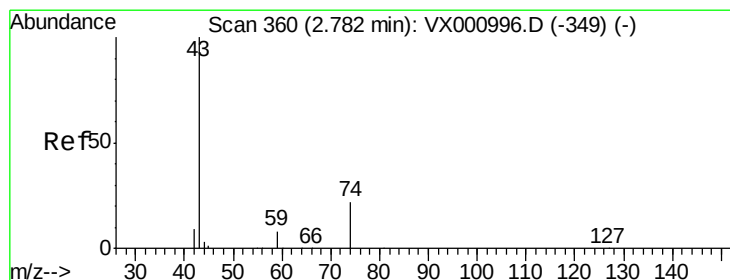
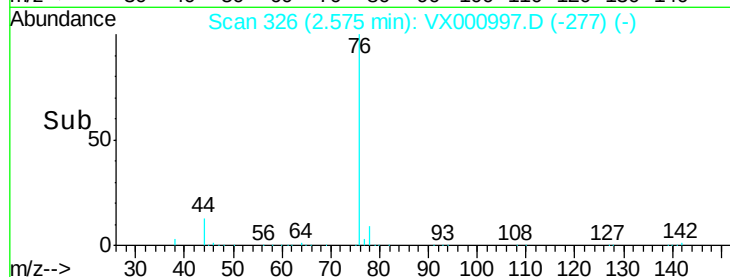


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 140.02 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000997.D

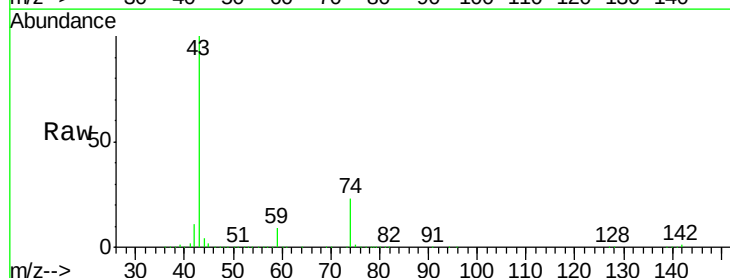
Acq: 19 Apr 2018 18:54

Tgt Ion: 43 Resp: 368626

Ion Ratio Lower Upper

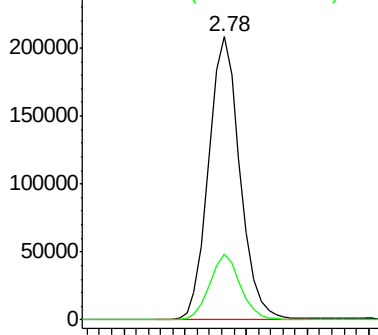
43 100

74 23.3 18.3 27.5

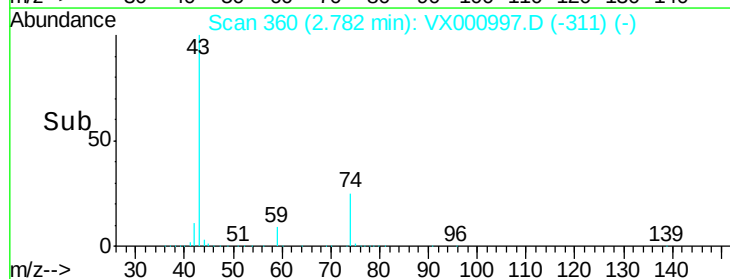


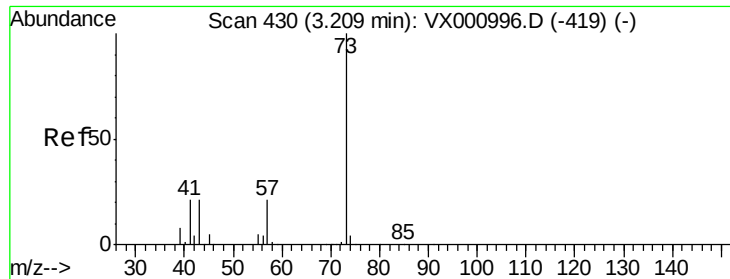
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



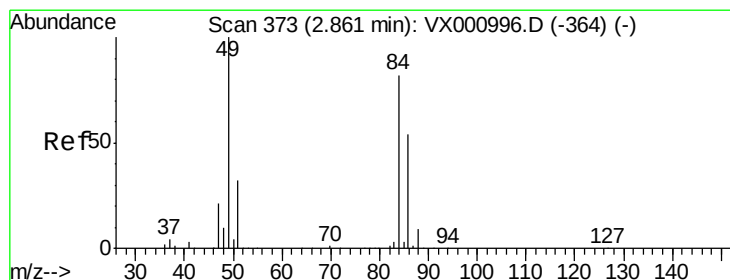
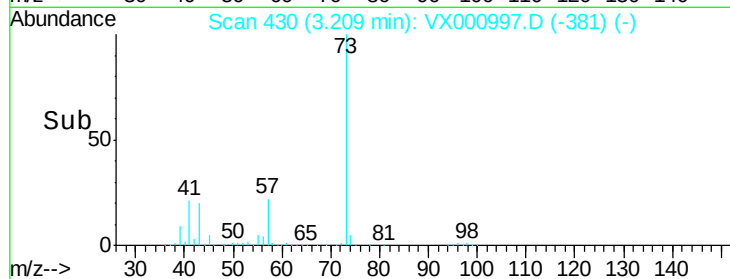
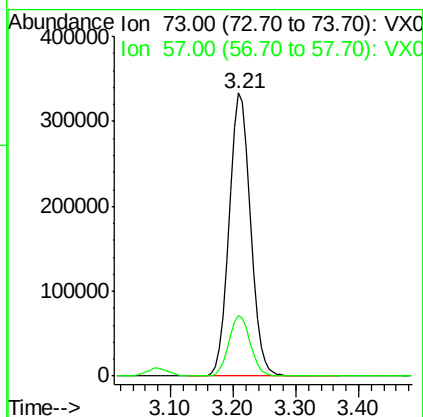
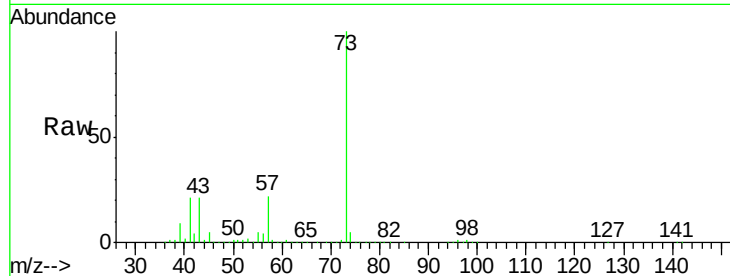


#19

Methyl tert-butyl Ether
 Concen: 118.44 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

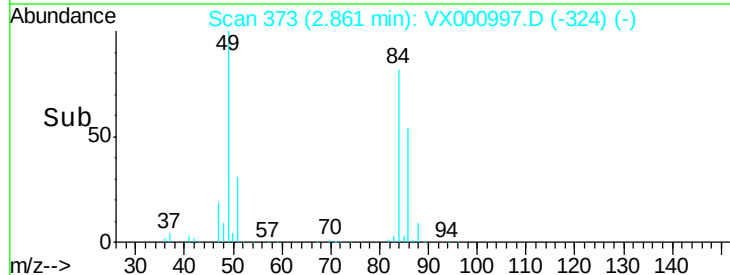
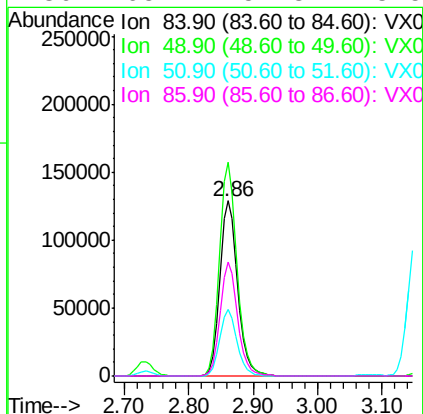
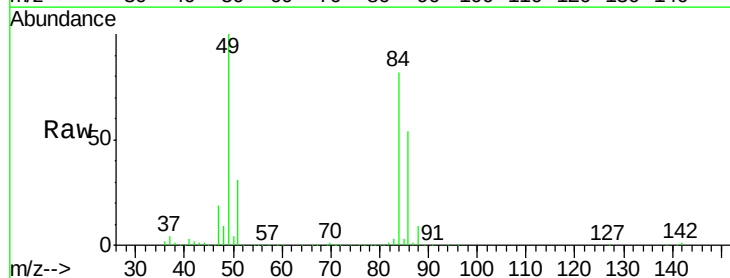
Tgt Ion: 73 Resp: 787054
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.1 25.7

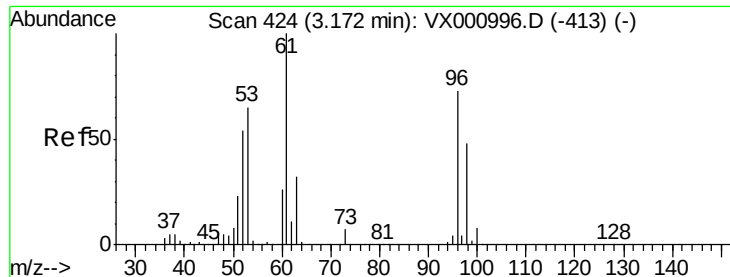


#20

Methylene Chloride
 Concen: 105.42 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 84 Resp: 251508
 Ion Ratio Lower Upper
 84 100
 49 122.0 97.1 145.7
 51 38.1 30.8 46.2
 86 65.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 111.25 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

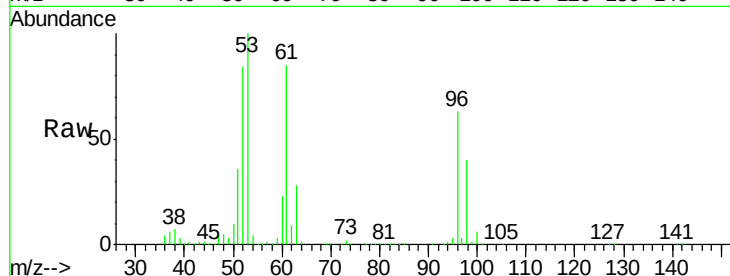
Tgt Ion: 96 Resp: 256534

Ion Ratio Lower Upper

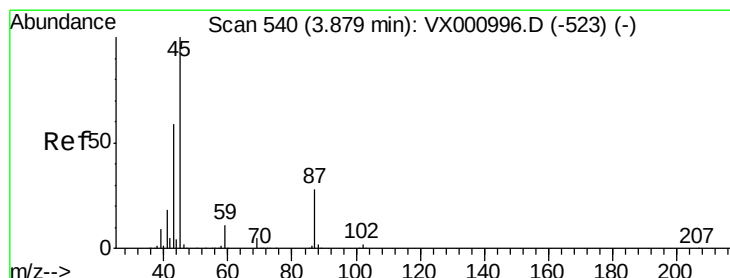
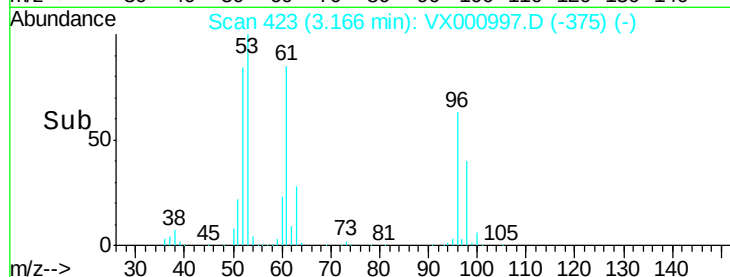
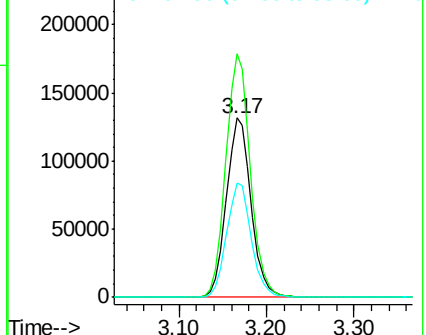
96 100

61 135.9 109.4 164.2

98 64.0 52.6 78.8



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



#22

Diisopropyl ether

Concen: 117.62 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Tgt Ion: 45 Resp: 854714

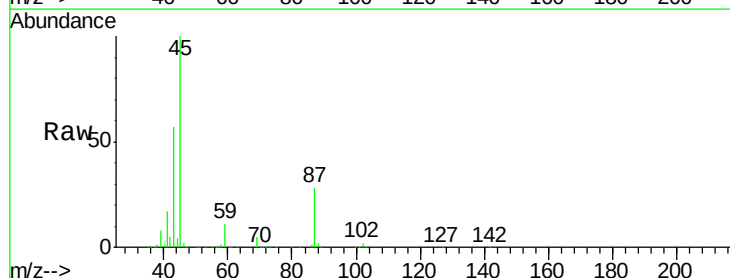
Ion Ratio Lower Upper

45 100

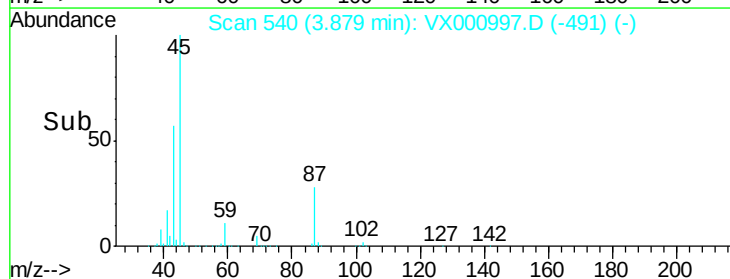
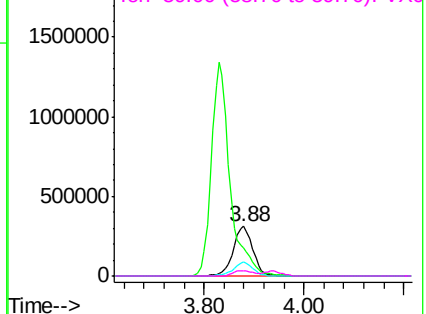
43 56.8 47.0 70.4

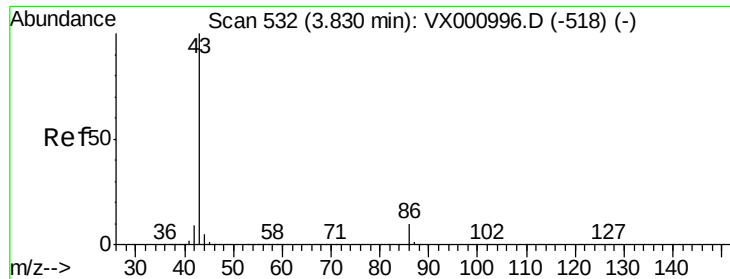
87 27.8 22.5 33.7

59 11.2 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 586.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

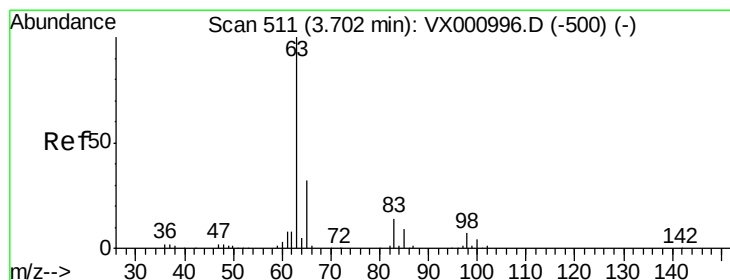
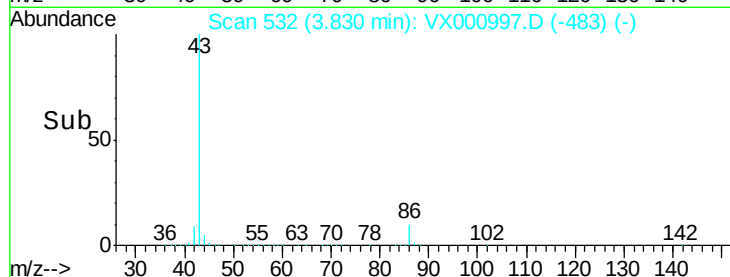
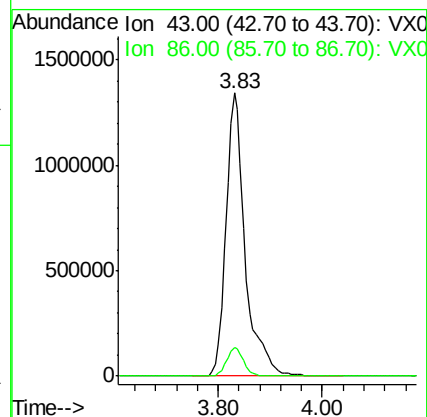
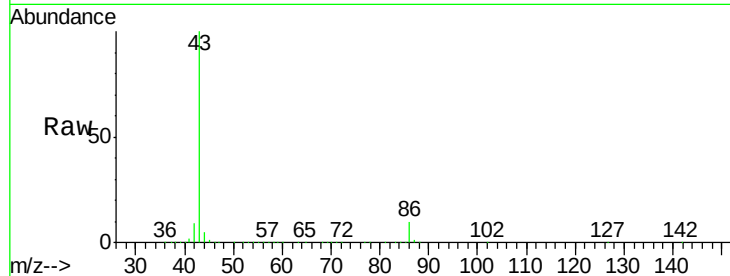
VSTDIC100

Tgt Ion: 43 Resp: 3480940

Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1



#24

1,1-Dichloroethane

Concen: 116.61 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

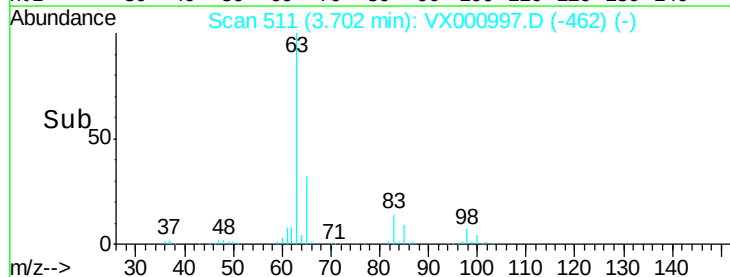
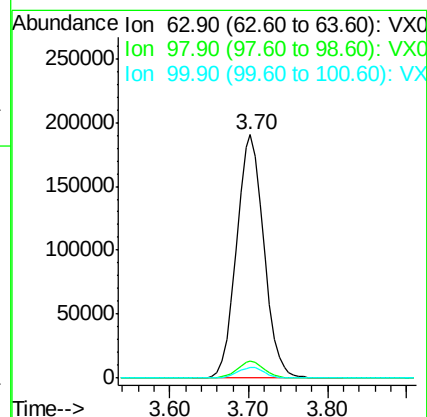
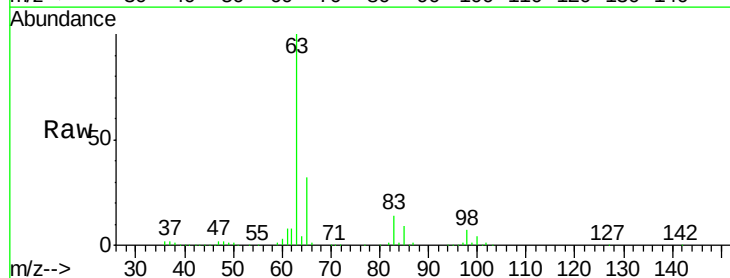
Tgt Ion: 63 Resp: 456879

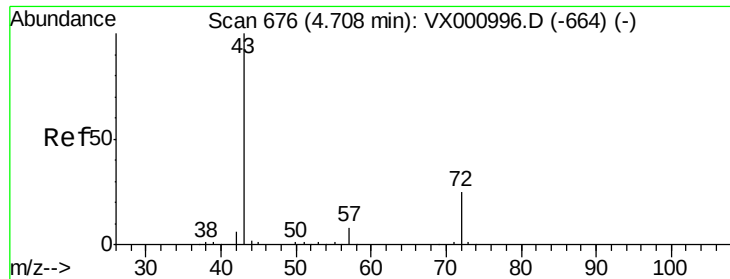
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 568.00 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

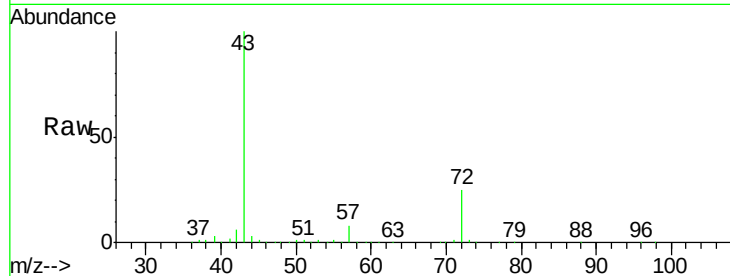
VSTDIC100

Tgt Ion: 43 Resp: 888554

Ion Ratio Lower Upper

43 100

72 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

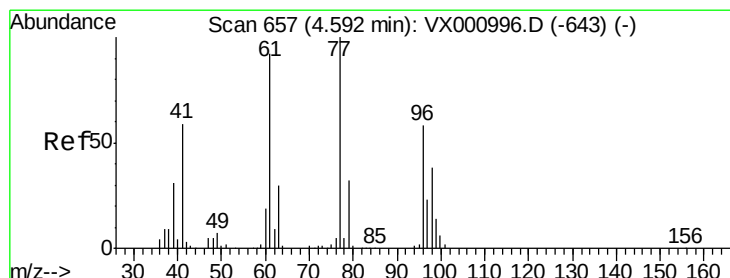
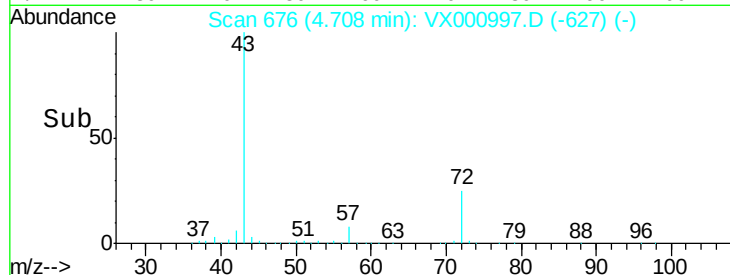
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 119.11 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000997.D

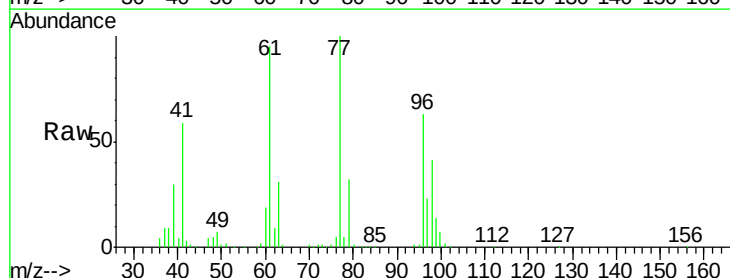
Acq: 19 Apr 2018 18:54

Tgt Ion: 77 Resp: 409458

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

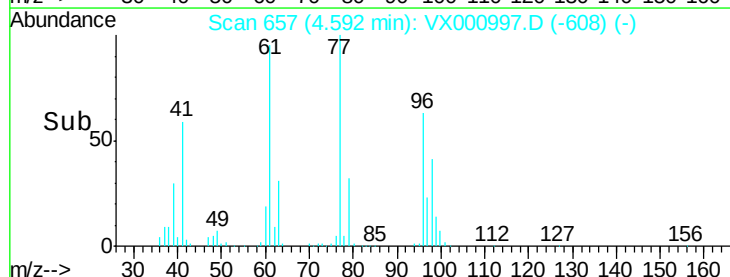
150000

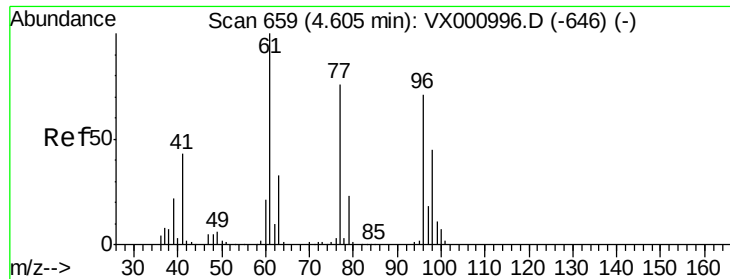
100000

50000

0

Time-->



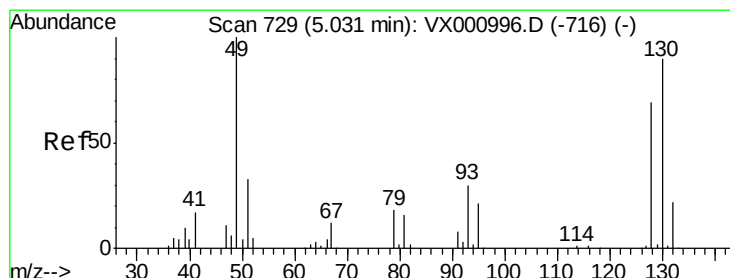
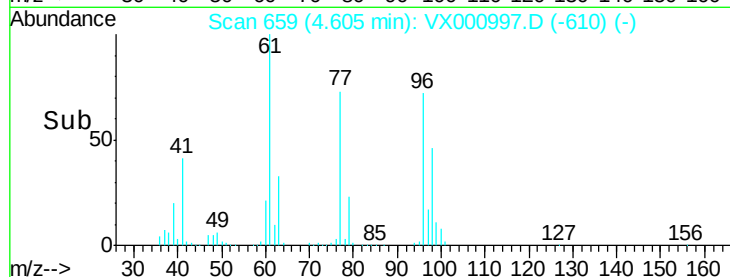
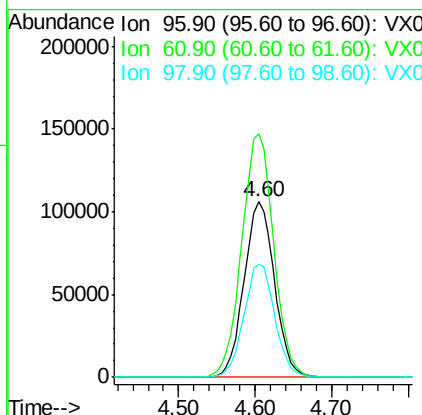
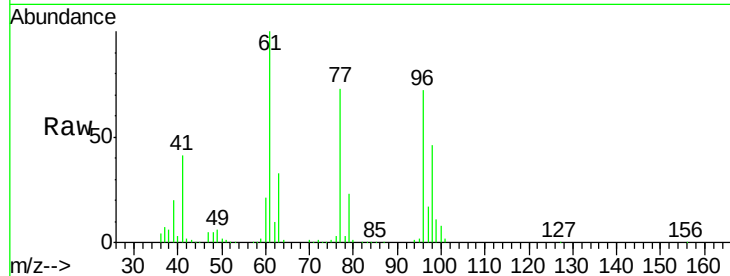


#27

cis-1,2-Dichloroethene
Concen: 118.31 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

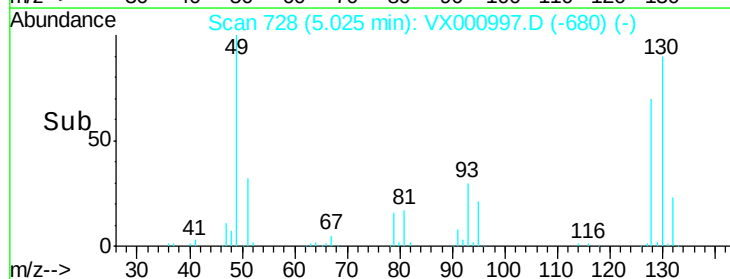
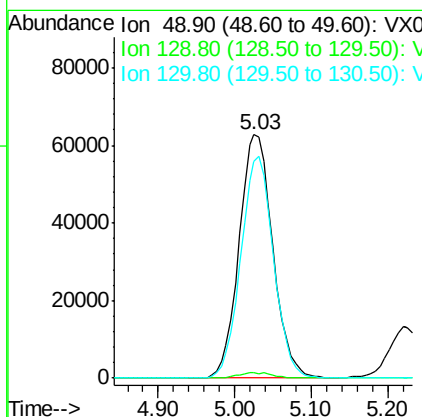
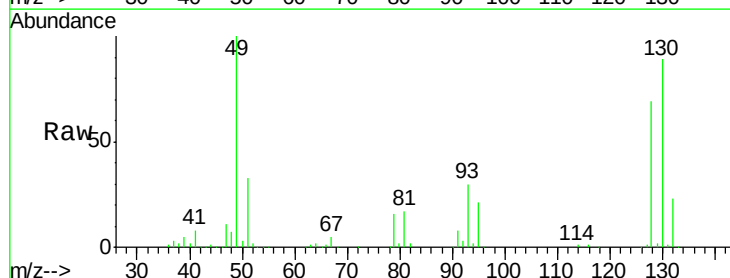
Tgt Ion	Resp	Lower	Upper
96	295200		
Ion Ratio			
96	100		
61	145.3	0.0	297.0
98	65.2	0.0	130.0

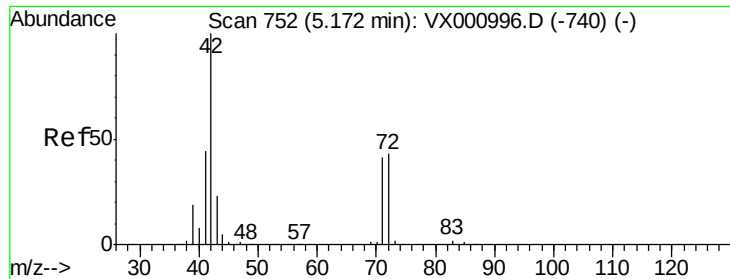


#28

Bromochloromethane
Concen: 116.96 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion	Resp	Lower	Upper
49	192123		
Ion Ratio			
49	100		
129	2.3	0.0	4.8
130	88.4	70.6	105.8

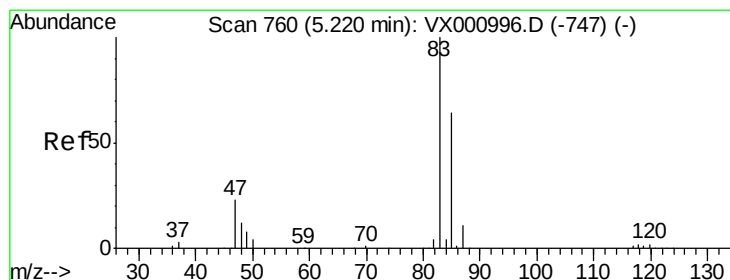
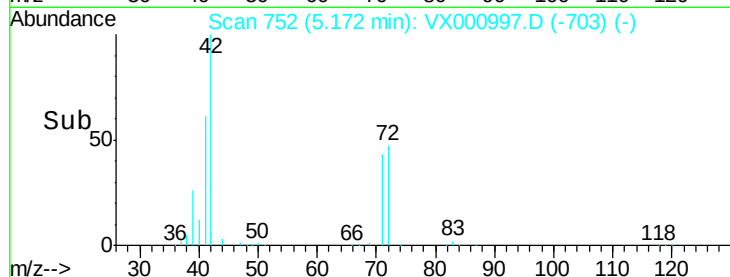
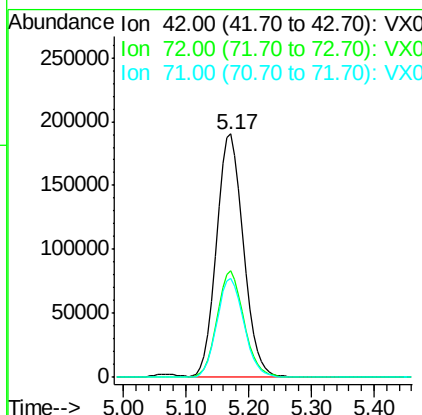
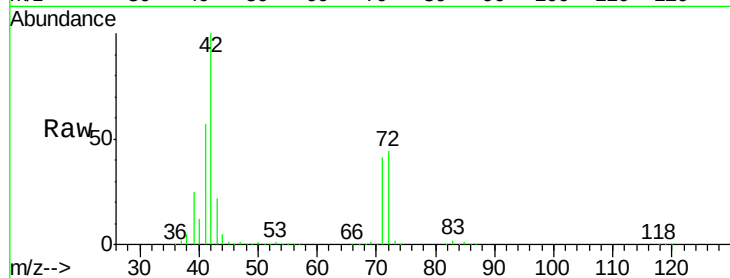




#29
Tetrahydrofuran
Concen: 567.77 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

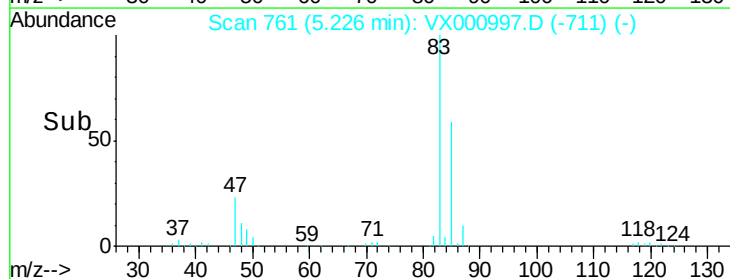
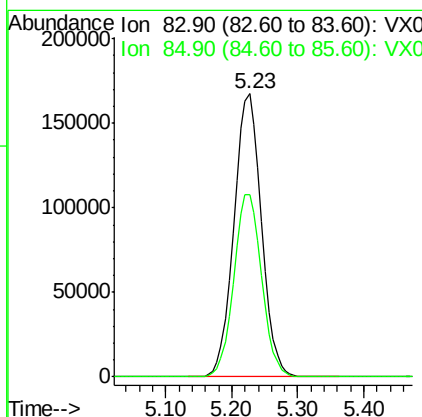
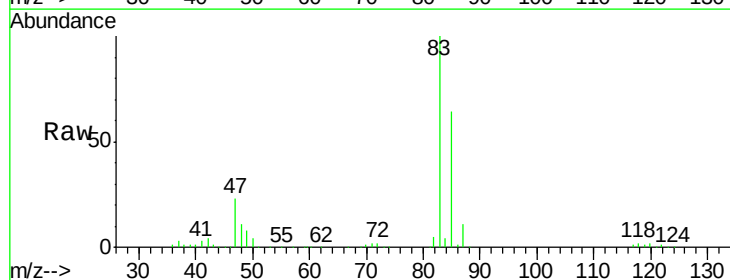
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

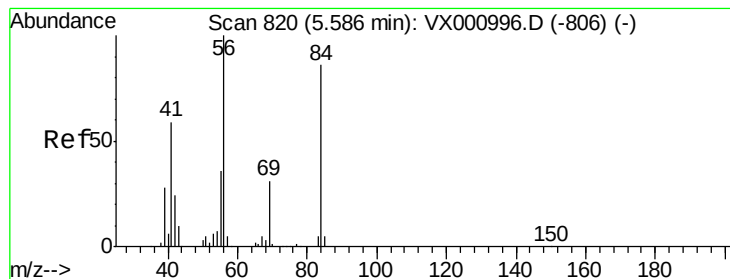
Tgt Ion: 42 Resp: 566077
Ion Ratio Lower Upper
42 100
72 43.7 34.6 52.0
71 40.9 32.6 49.0



#30
Chloroform
Concen: 119.55 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion: 83 Resp: 482467
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9





#31

Cyclohexane

Concen: 120.48 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

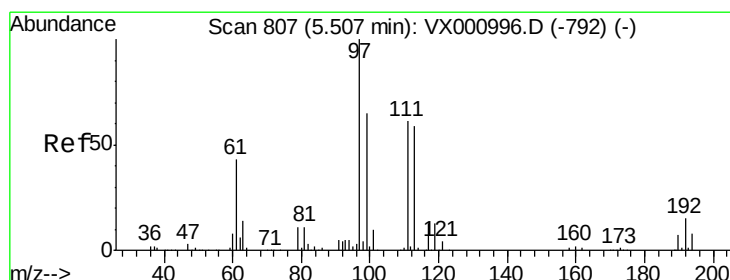
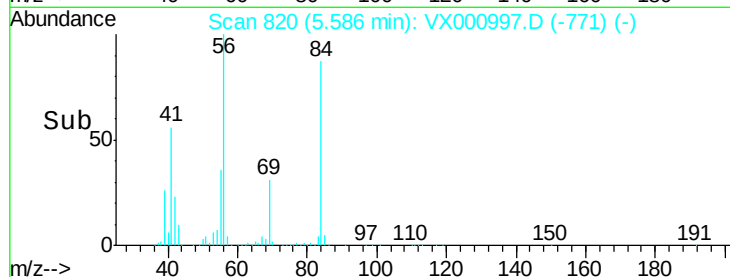
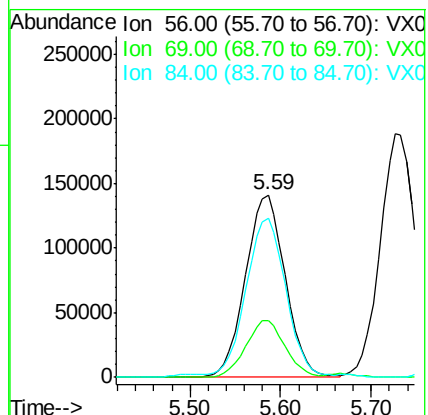
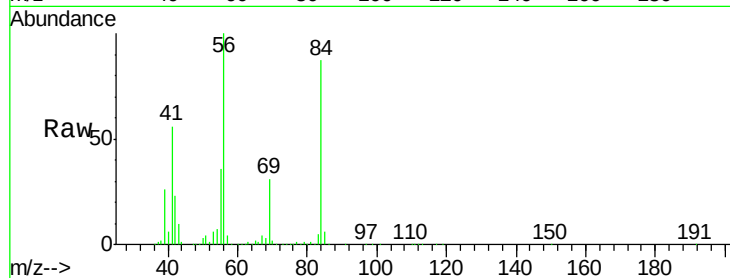
Tgt Ion: 56 Resp: 427158

Ion Ratio Lower Upper

56 100

69 31.1 24.6 36.8

84 85.6 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 124.16 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

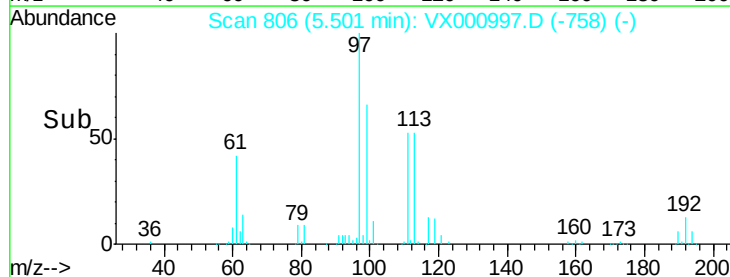
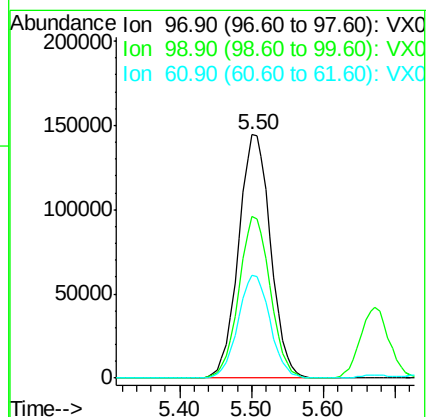
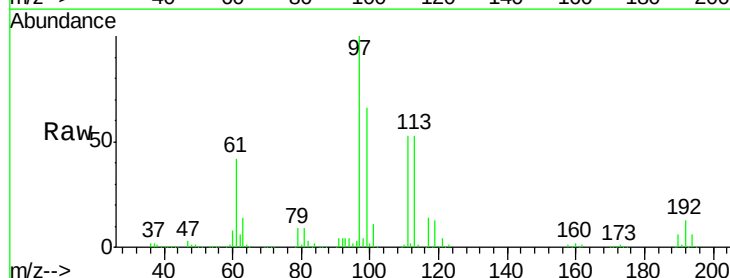
Tgt Ion: 97 Resp: 446107

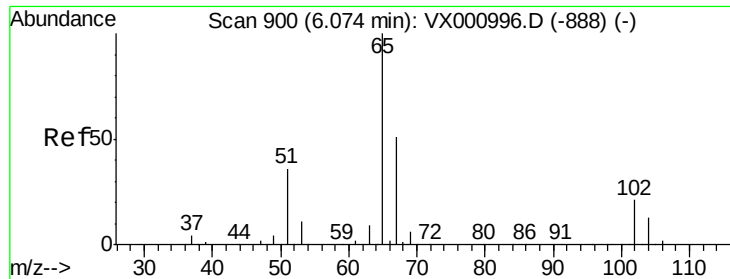
Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 42.4 34.4 51.6

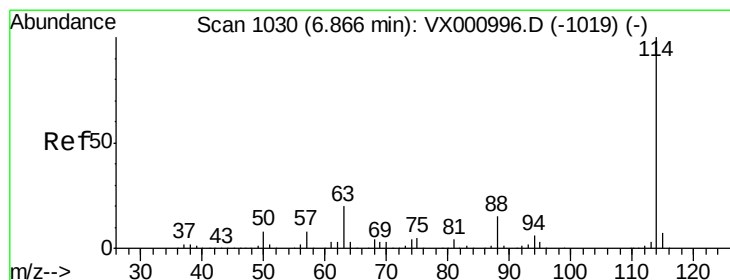
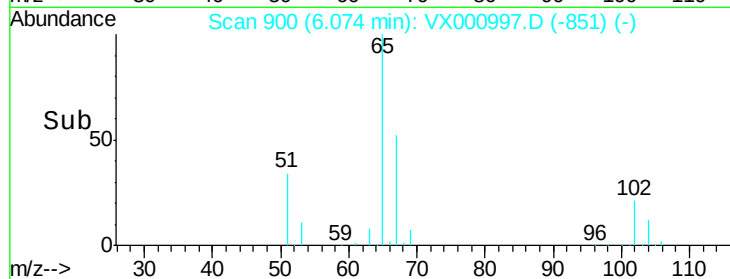
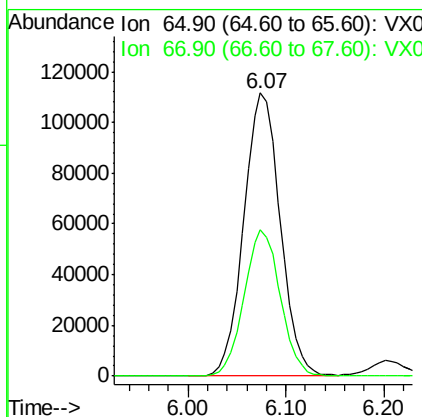
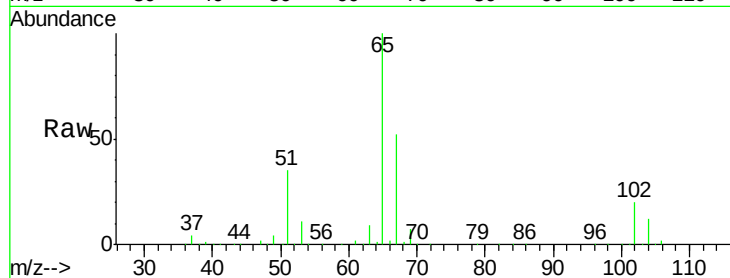




#33
 1,2-Dichloroethane-d4
 Concen: 92.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

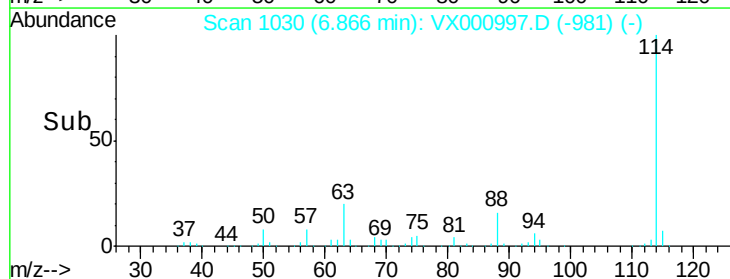
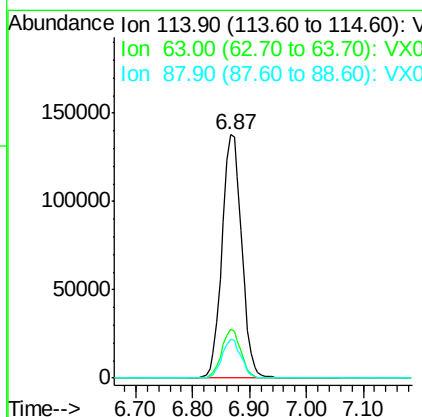
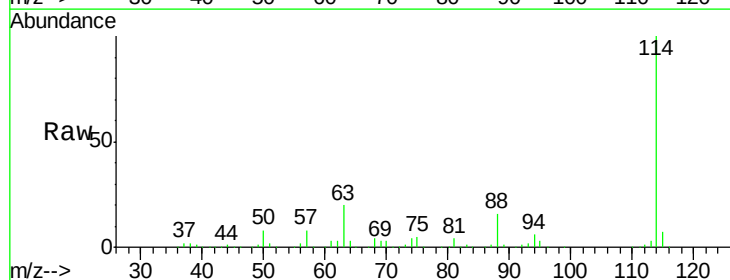
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

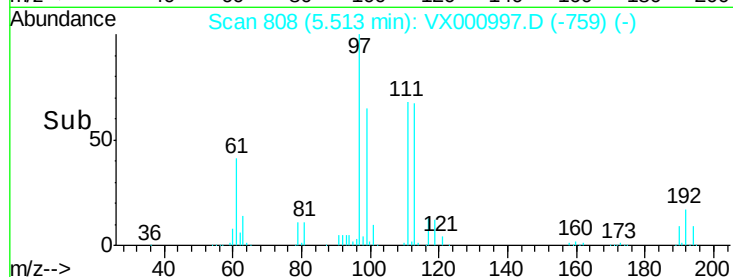
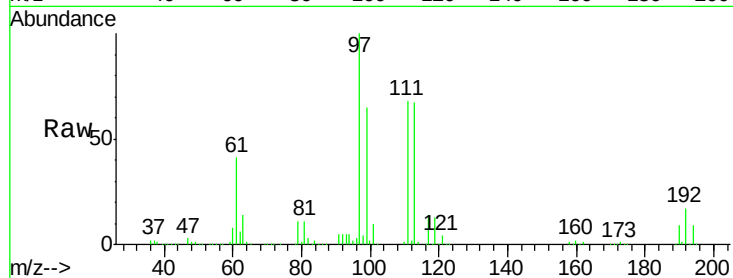
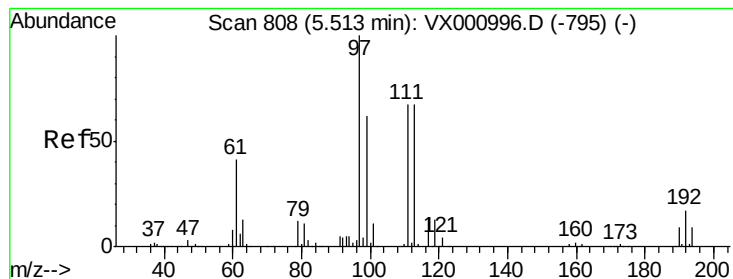
Tgt Ion: 65 Resp: 289847
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 114 Resp: 331104
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 15.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 107.27 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

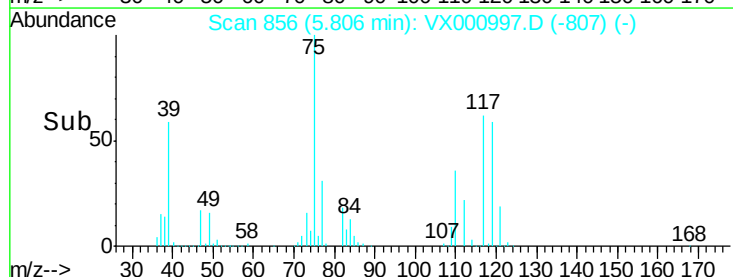
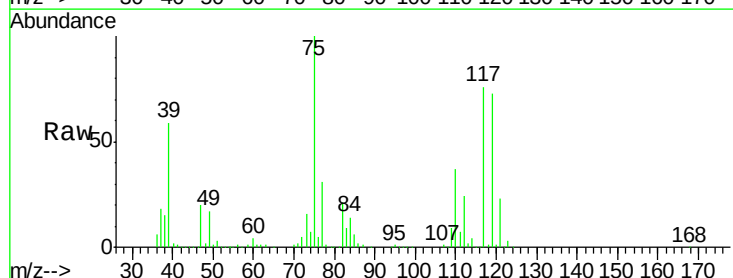
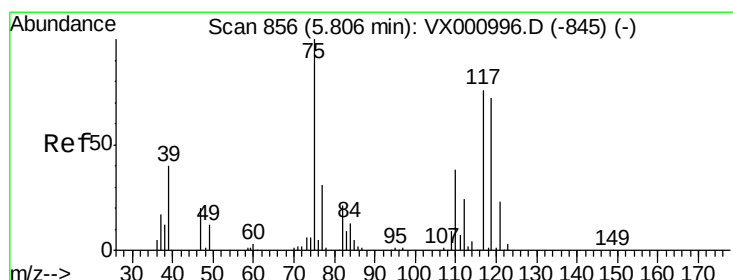
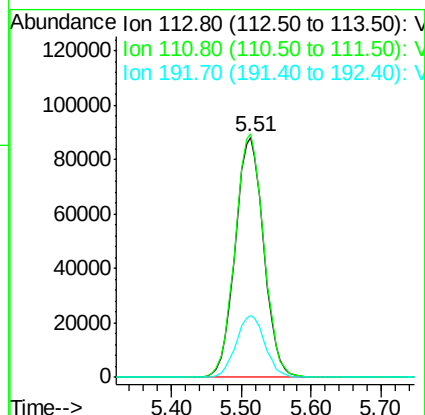
Tgt Ion:113 Resp: 249041

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

192 25.9 20.4 30.6



#36

1,1-Dichloropropene

Concen: 117.88 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

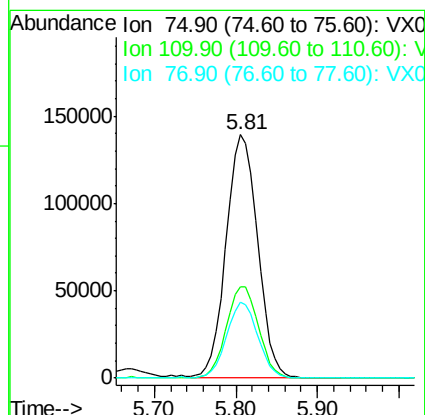
Tgt Ion: 75 Resp: 372011

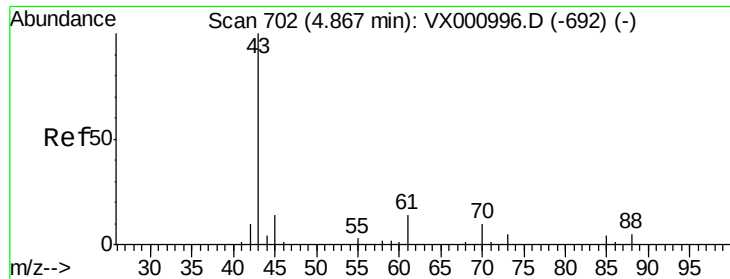
Ion Ratio Lower Upper

75 100

110 38.2 18.7 56.1

77 31.0 25.0 37.4

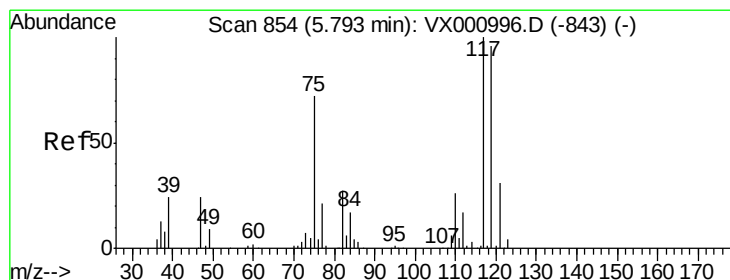
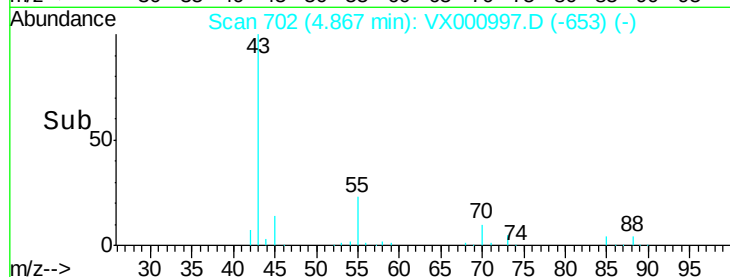
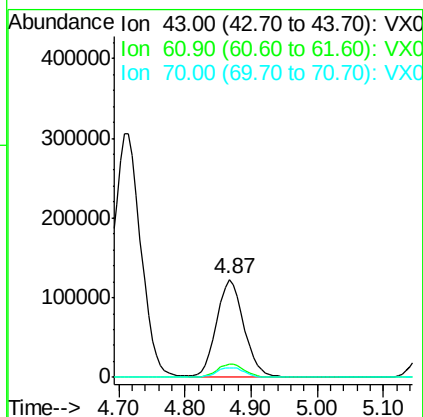
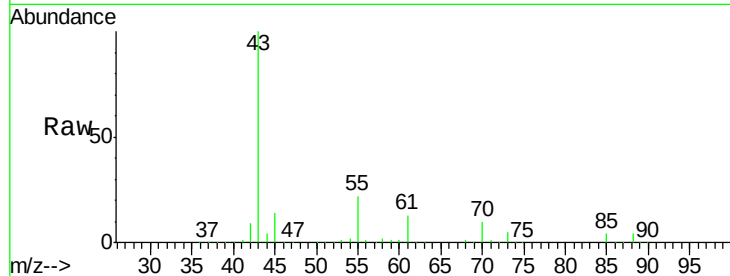




#37
Ethyl Acetate
Concen: 119.67 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

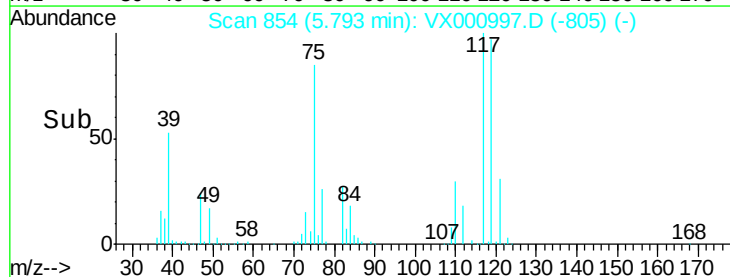
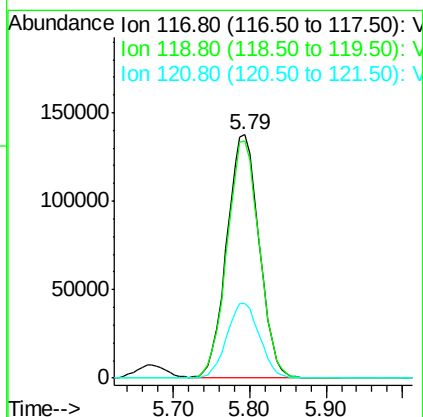
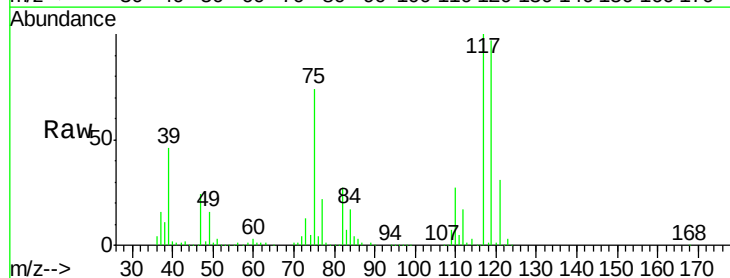
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

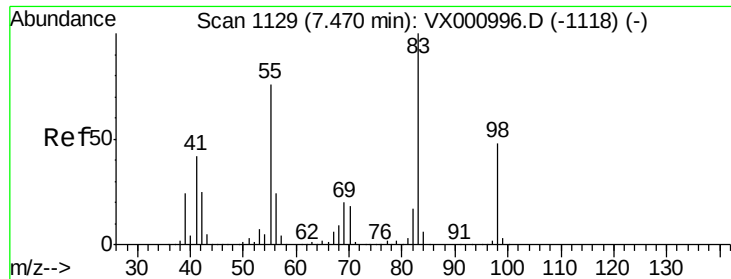
Tgt Ion: 43 Resp: 351869
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 122.79 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion: 117 Resp: 403400
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7
121 30.8 24.5 36.7

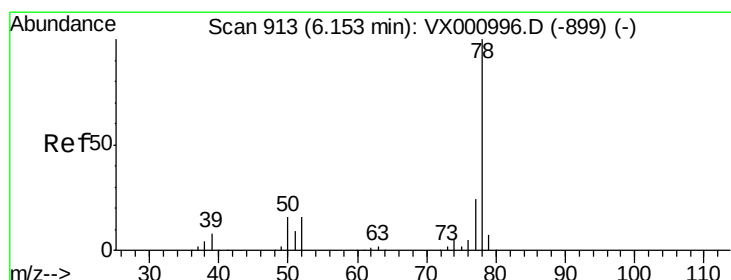
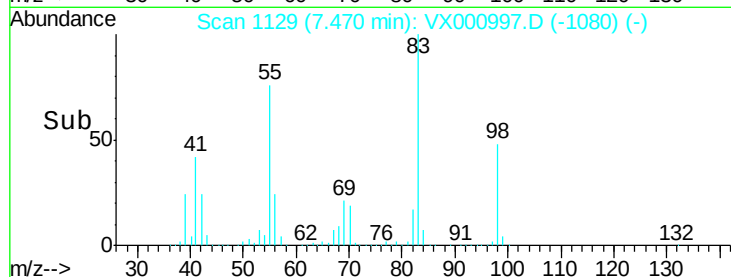
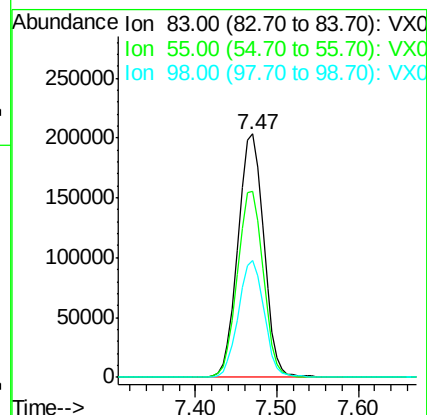
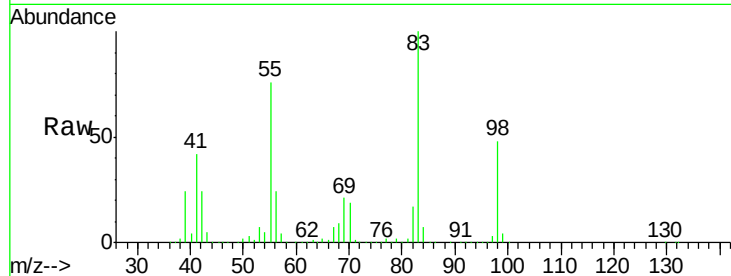




#39
Methylcyclohexane
Concen: 117.95 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

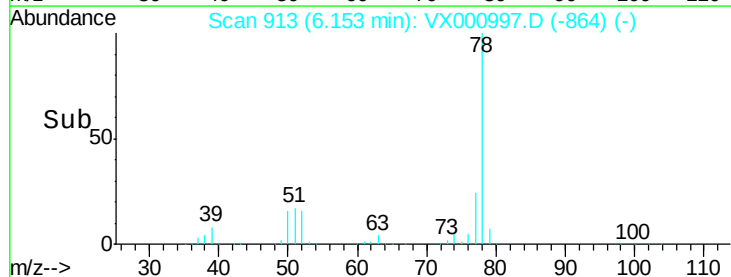
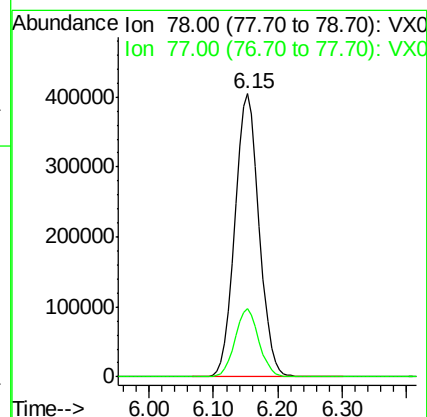
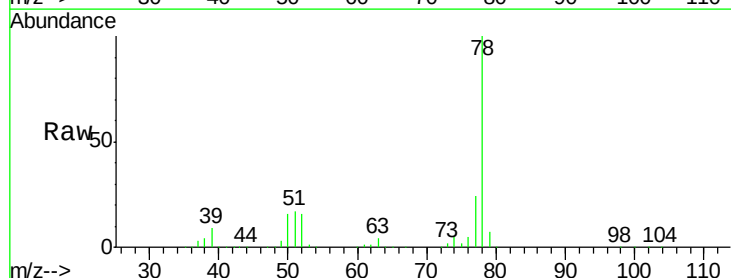
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

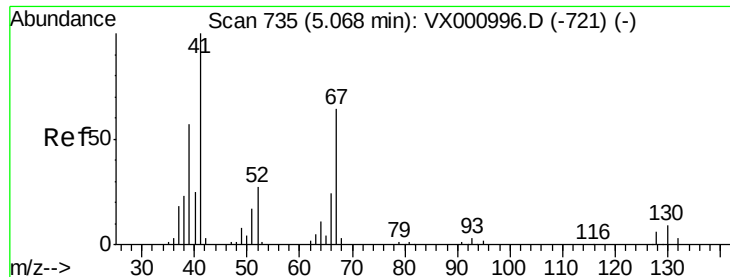
Tgt Ion: 83 Resp: 444864
Ion Ratio Lower Upper
83 100
55 76.3 60.6 91.0
98 47.8 38.2 57.4



#40
Benzene
Concen: 120.74 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion: 78 Resp: 1062903
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

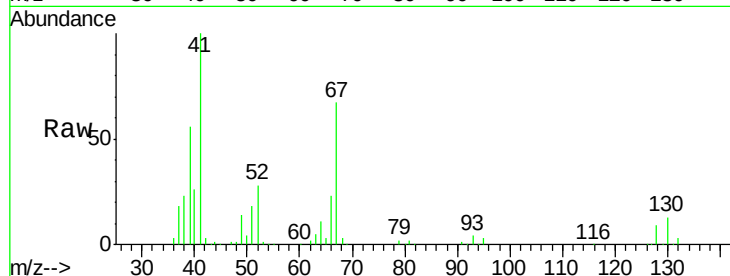




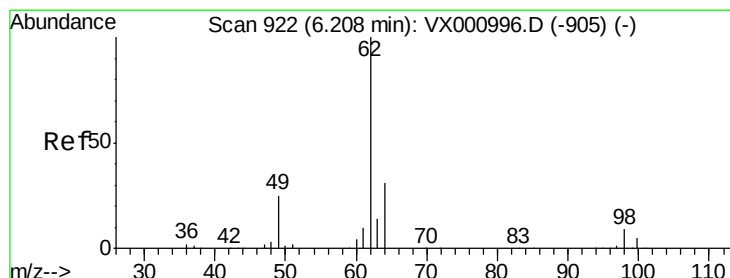
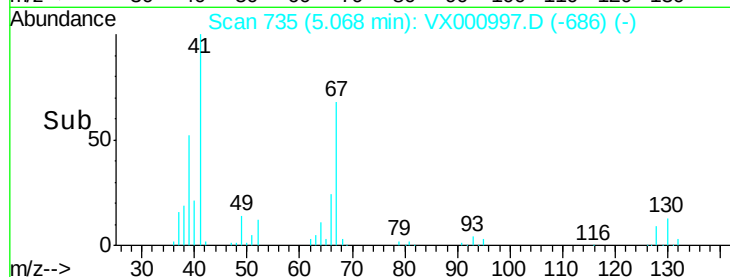
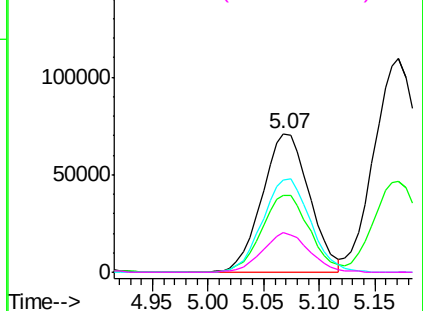
#41
Methacrylonitrile
Concen: 113.90 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	209743
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.2	67.8
67	68.2	53.8	80.8
52	28.5	22.4	33.6

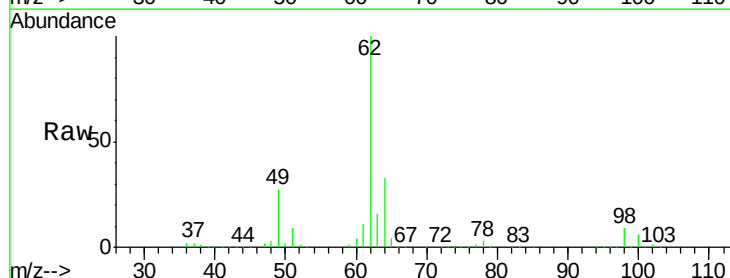


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

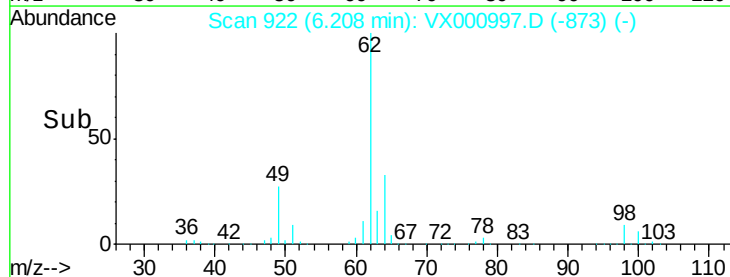
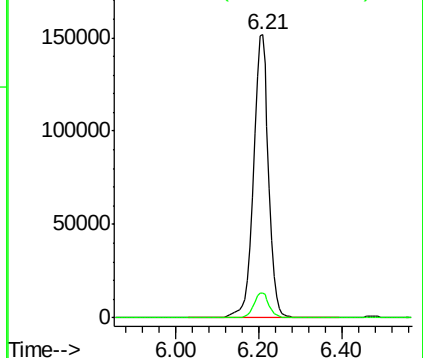


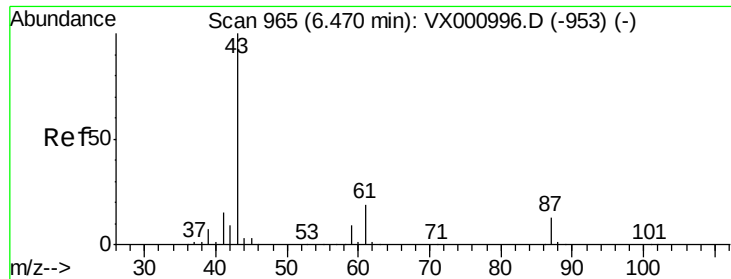
#42
1,2-Dichloroethane
Concen: 116.05 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion:	62	Resp:	396767
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 122.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

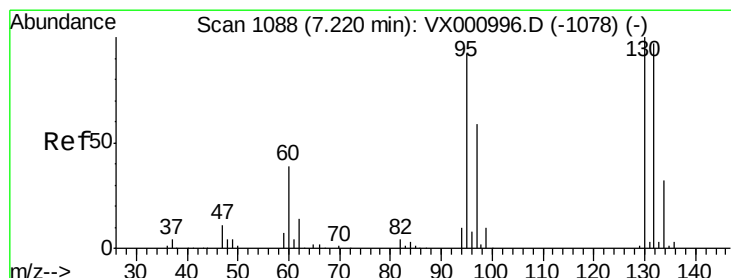
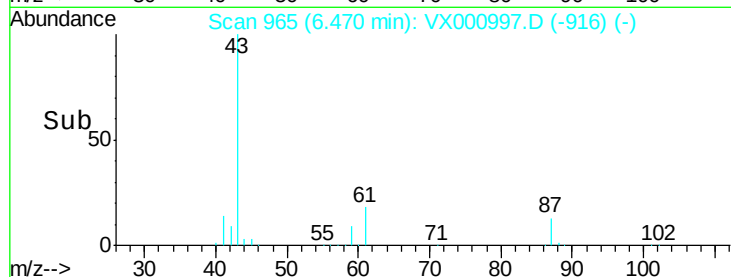
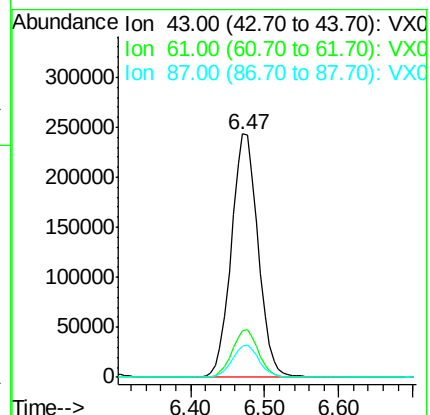
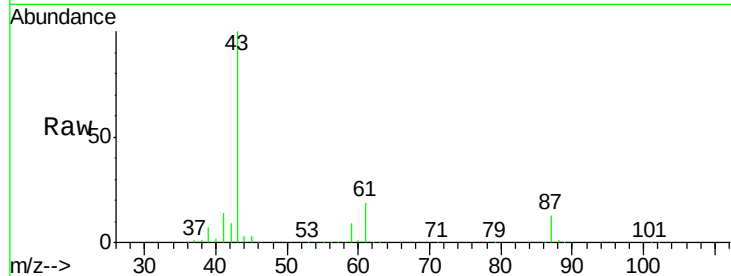
Tgt Ion: 43 Resp: 610988

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

87 13.2 10.6 15.8



#44

Trichloroethene

Concen: 116.82 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000997.D

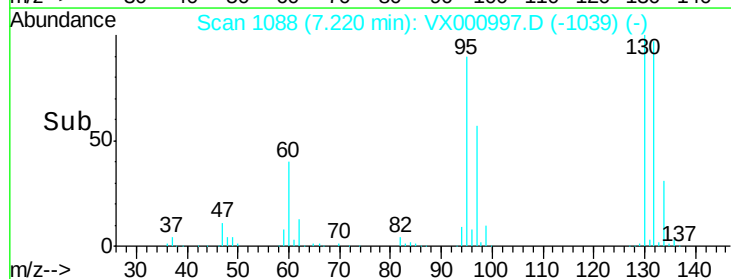
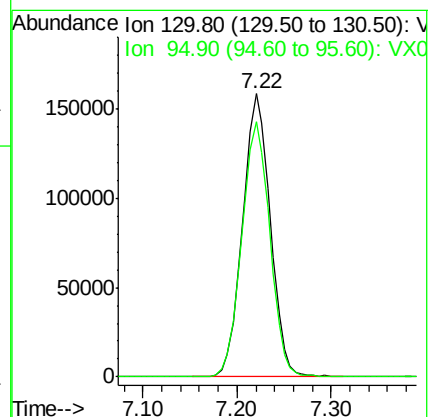
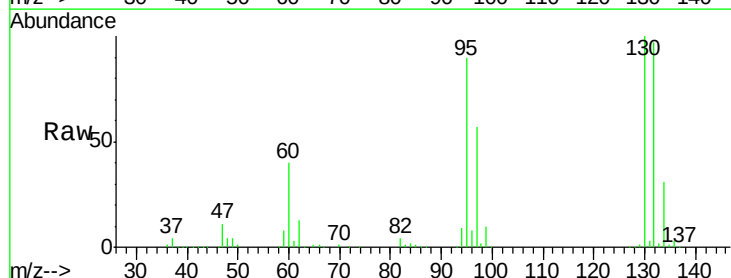
Acq: 19 Apr 2018 18:54

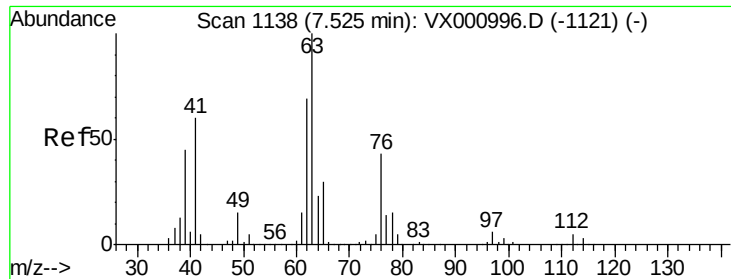
Tgt Ion: 130 Resp: 324075

Ion Ratio Lower Upper

130 100

95 90.4 0.0 184.2

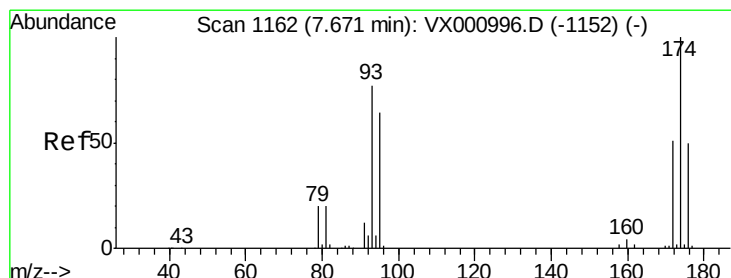
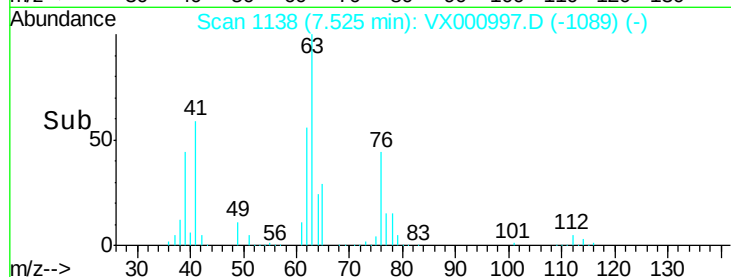
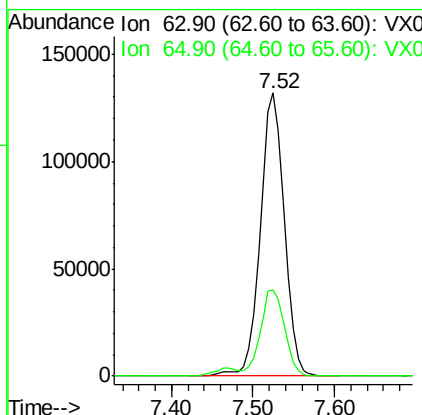
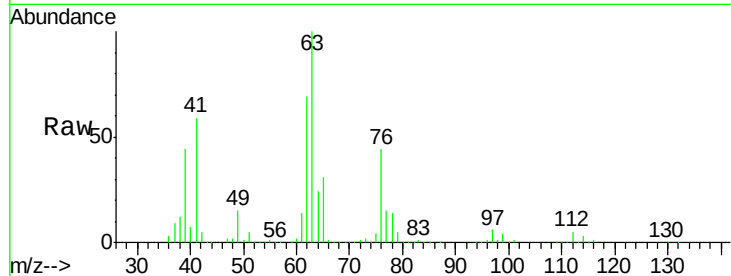




#45
 1,2-Dichloropropane
 Concen: 118.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

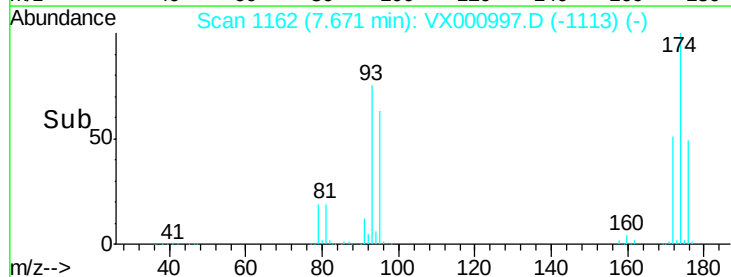
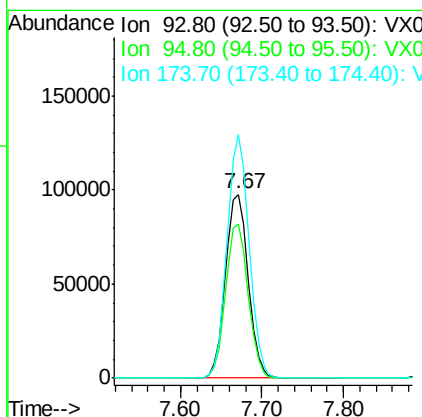
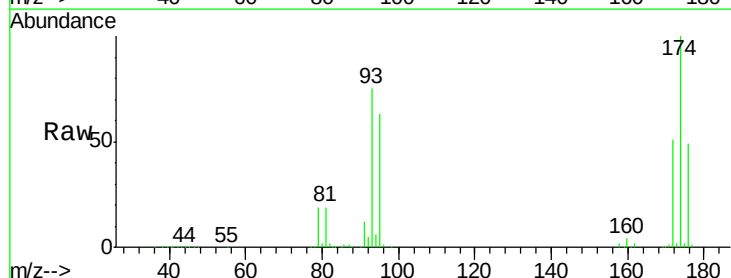
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

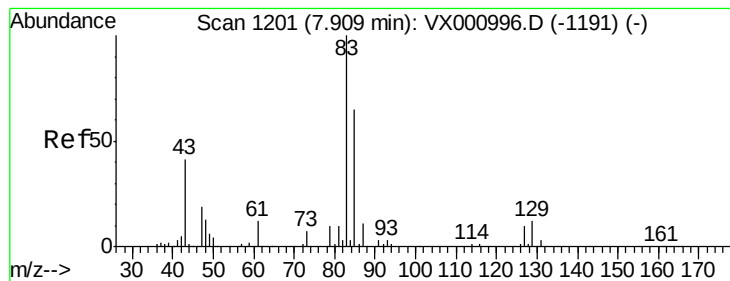
Tgt Ion: 63 Resp: 271997
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6



#46
 Dibromomethane
 Concen: 118.71 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 93 Resp: 187297
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.7 100.1
 174 128.6 101.8 152.6





#47

Bromodichloromethane

Concen: 127.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

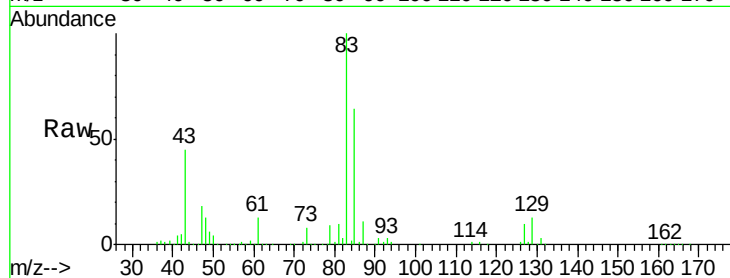
Tgt Ion: 83 Resp: 372562

Ion Ratio Lower Upper

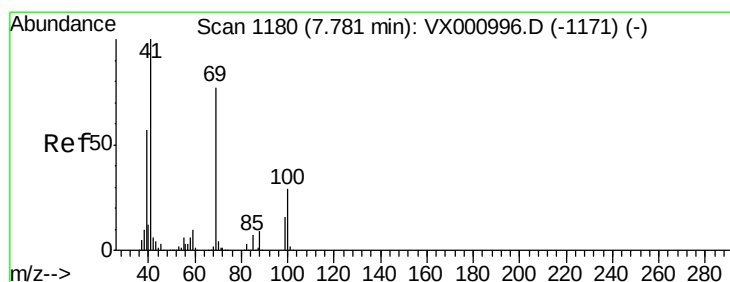
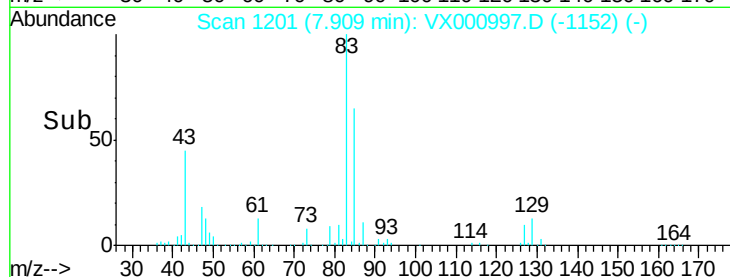
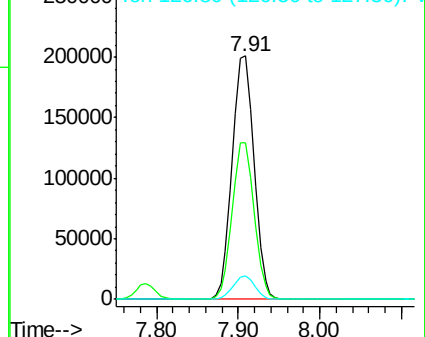
83 100

85 64.5 52.3 78.5

127 9.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 117.03 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

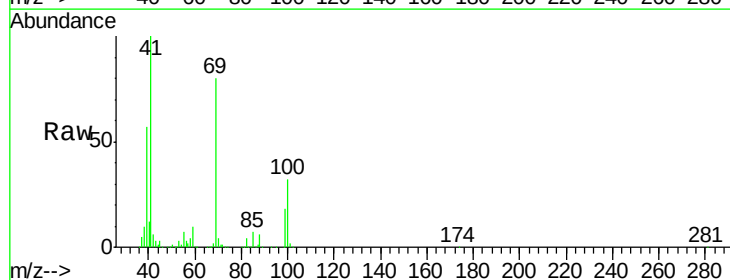
Tgt Ion: 41 Resp: 326661

Ion Ratio Lower Upper

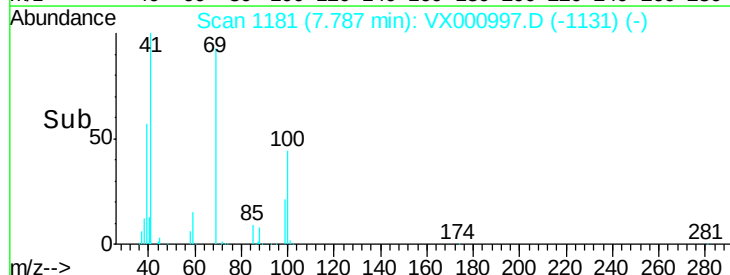
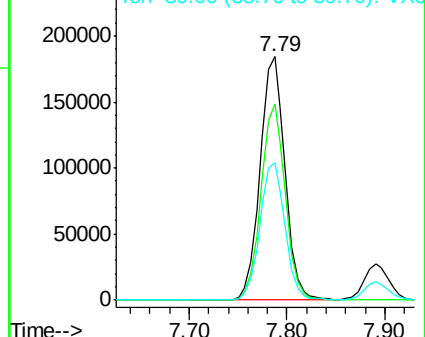
41 100

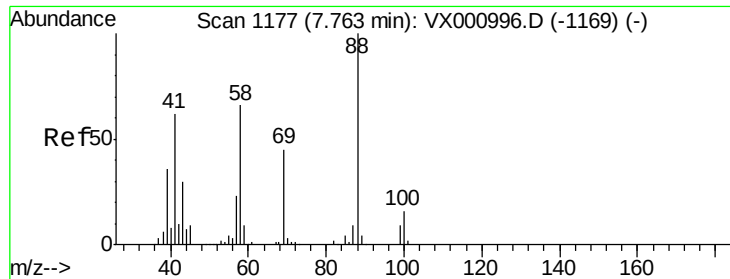
69 79.1 62.6 94.0

39 56.9 45.3 67.9



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: 2599.80 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

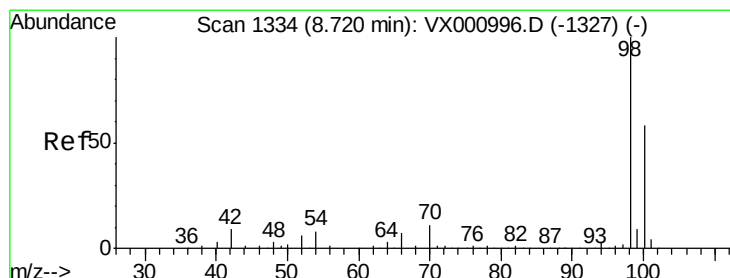
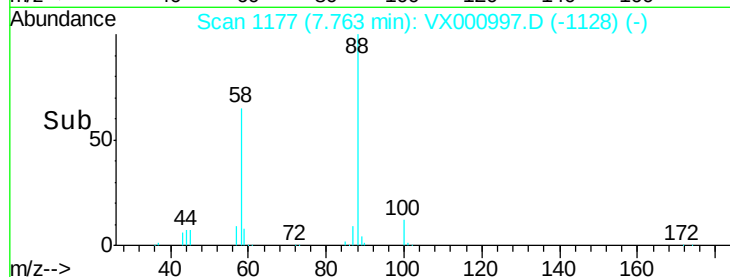
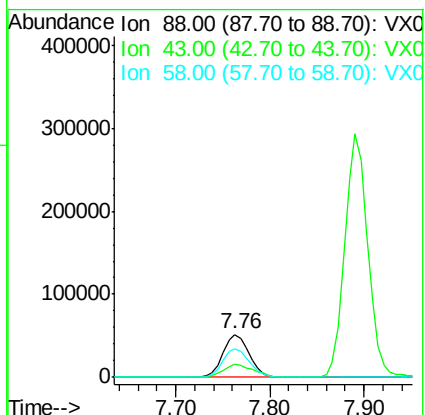
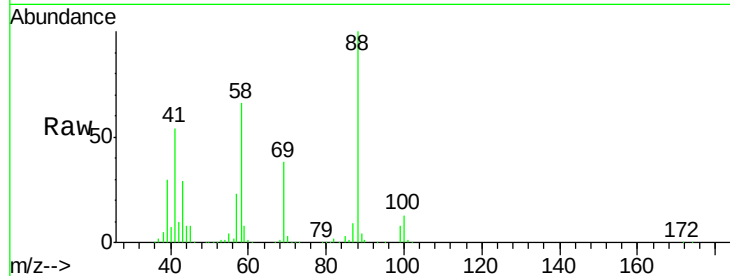
Tgt Ion: 88 Resp: 98844

Ion Ratio Lower Upper

88 100

43 34.9 29.2 43.8

58 69.4 55.0 82.6



#50

Toluene-d8

Concen: 107.21 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000997.D

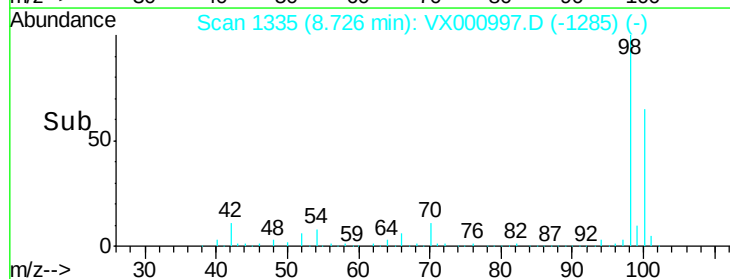
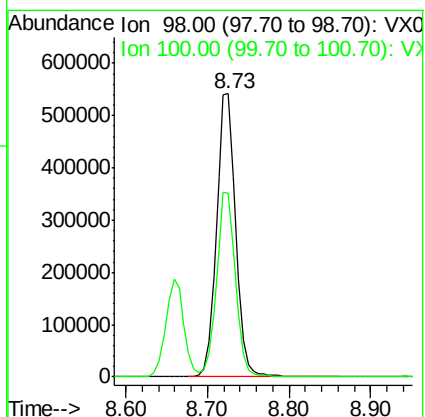
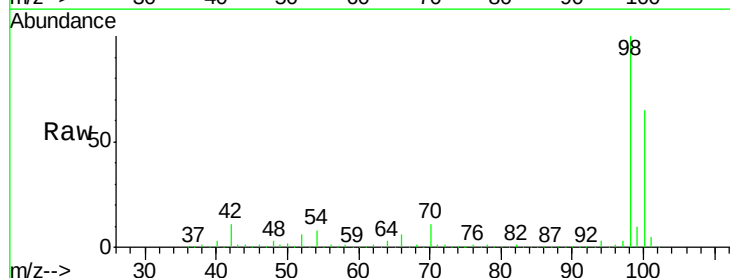
Acq: 19 Apr 2018 18:54

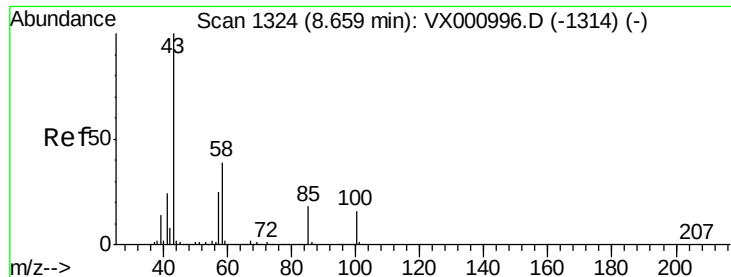
Tgt Ion: 98 Resp: 893559

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

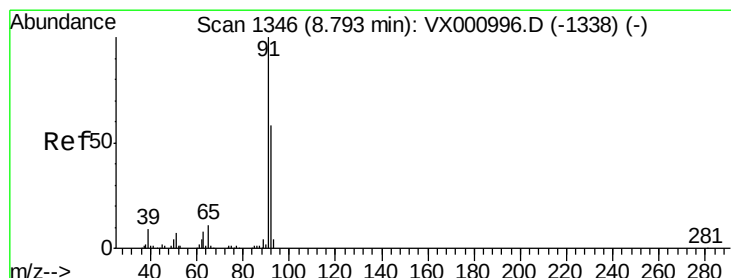
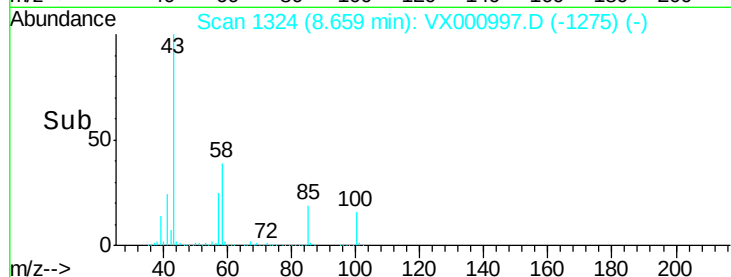
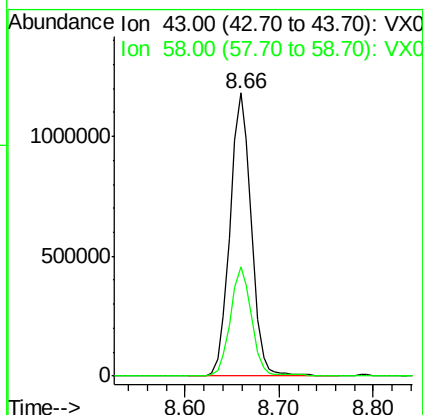
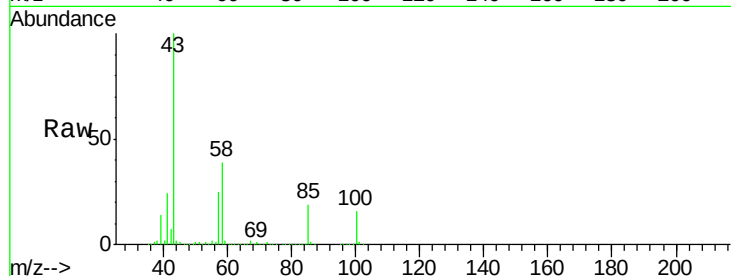




#51
 4-Methyl-2-Pentanone
 Concen: 614.07 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

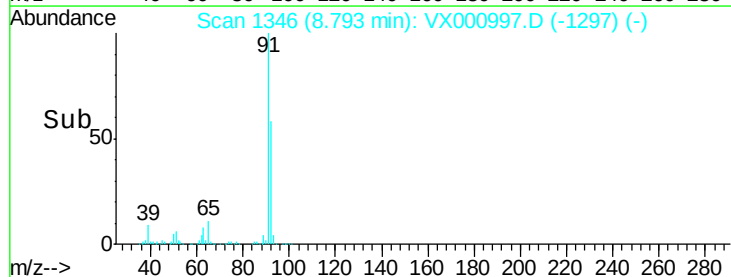
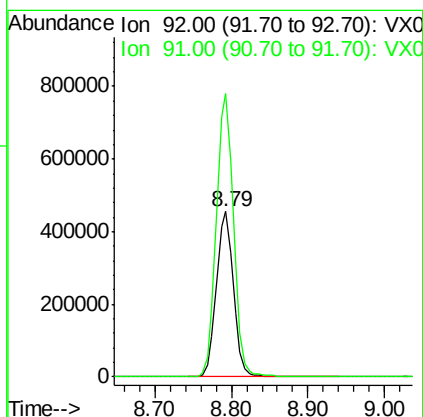
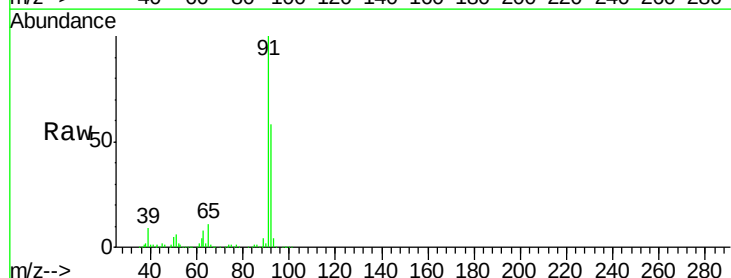
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

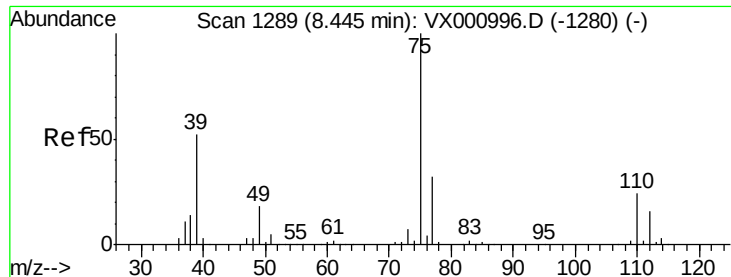
Tgt Ion: 43 Resp: 1851165
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.2 45.4



#52
 Toluene
 Concen: 121.62 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 92 Resp: 702777
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 129.43 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

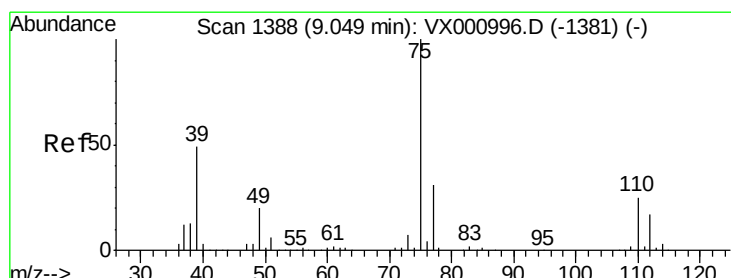
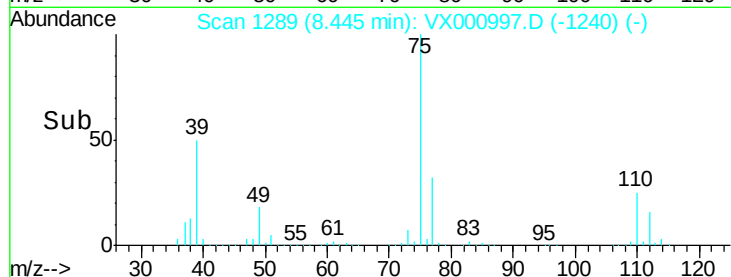
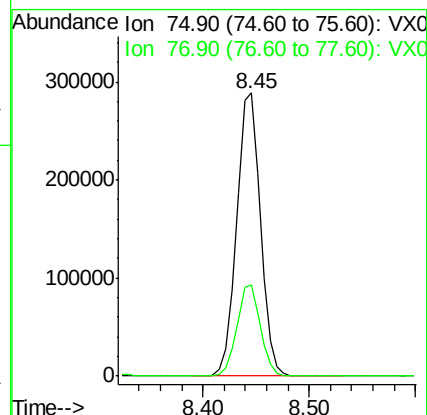
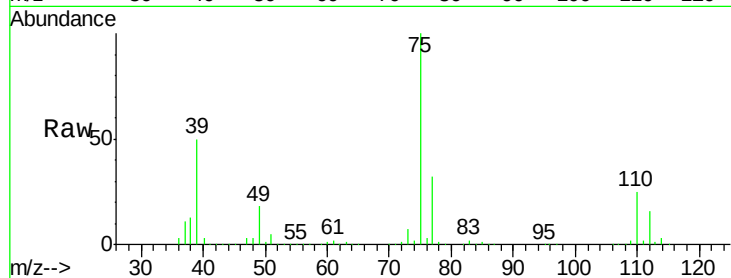
VSTDIC100

Tgt Ion: 75 Resp: 453900

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 131.59 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

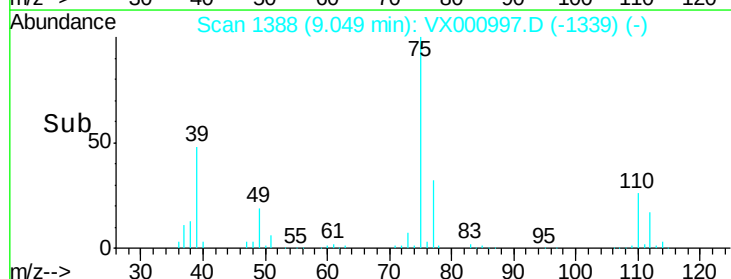
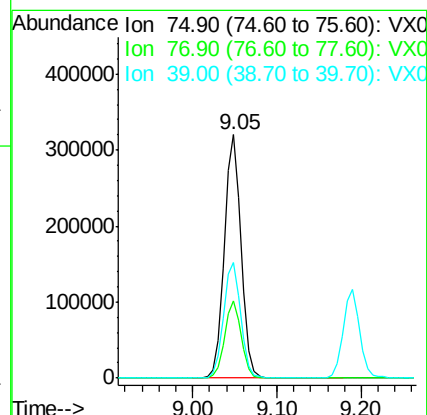
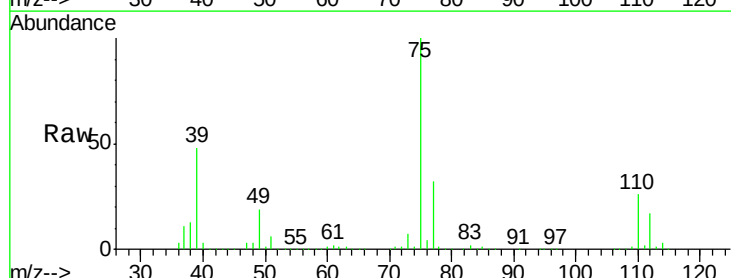
Tgt Ion: 75 Resp: 440143

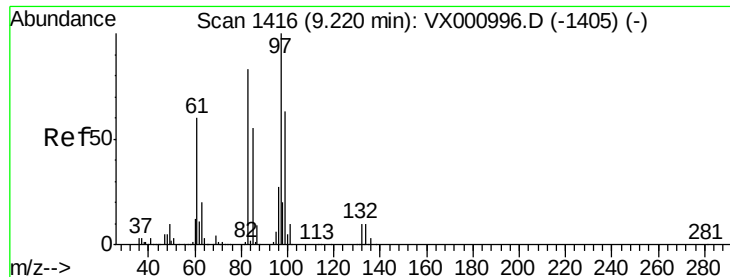
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 47.7 39.2 58.8

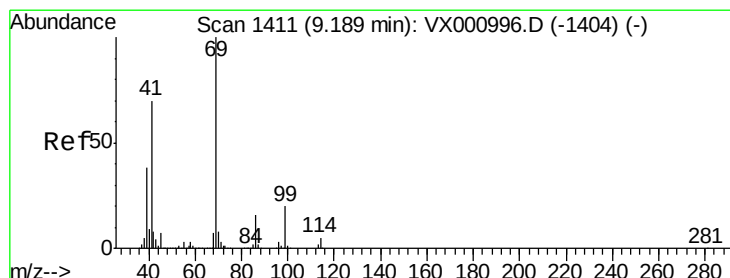
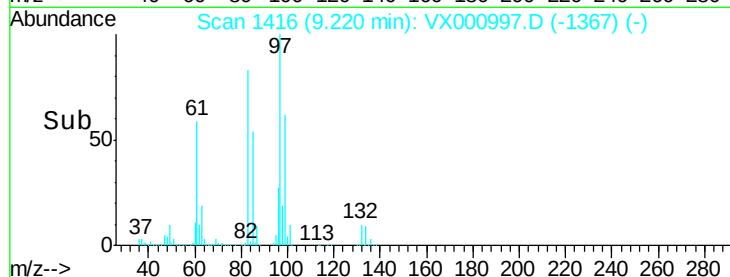
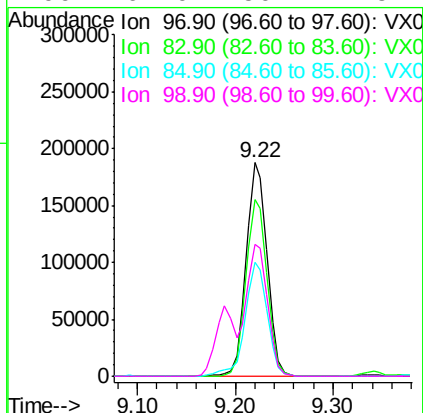
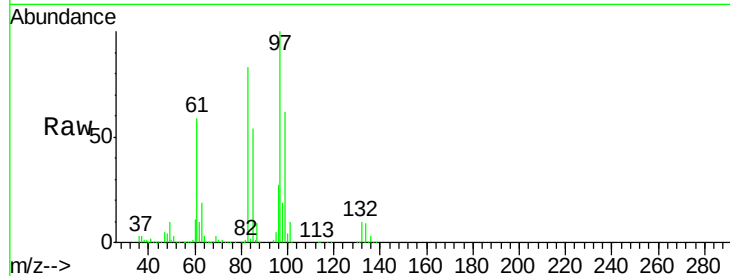




#55
 1,1,2-Trichloroethane
 Concen: 123.94 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

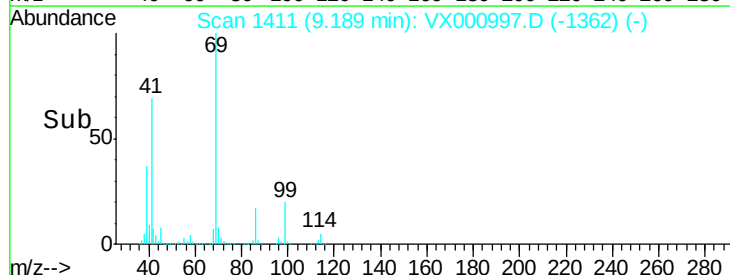
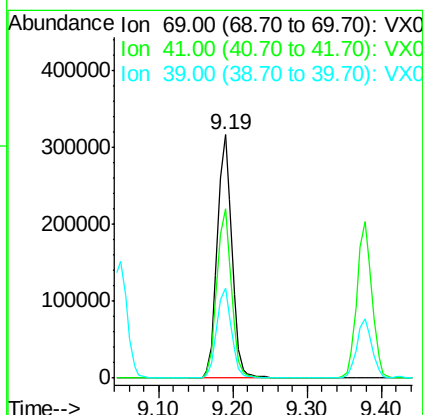
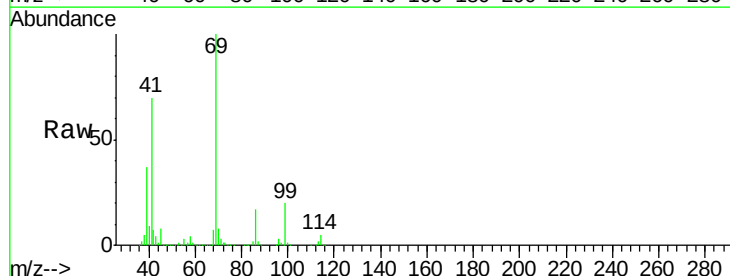
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

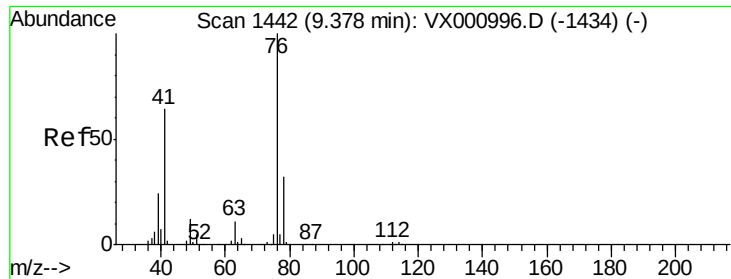
Tgt Ion:	97	Resp:	278581
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	53.6	44.2	66.4
99	62.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 125.46 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion:	69	Resp:	427301
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.3	84.5
39	37.3	30.4	45.6

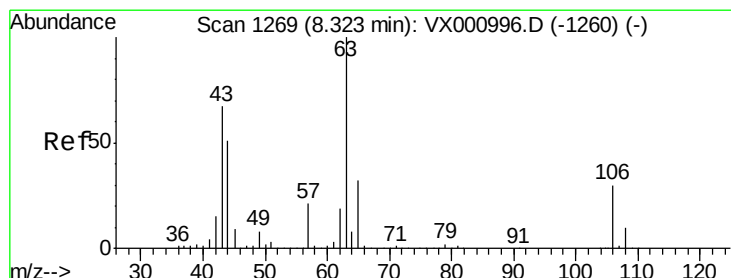
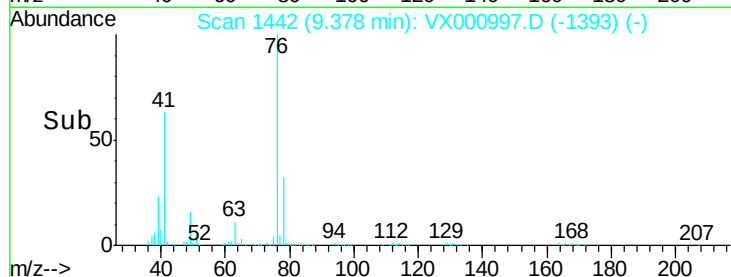
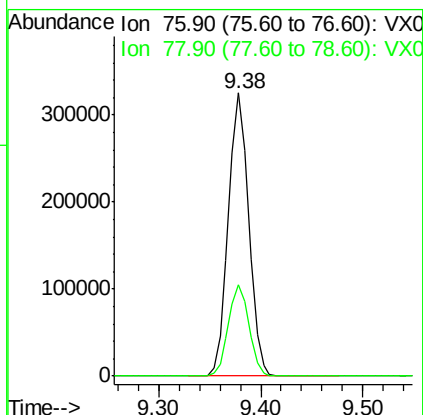
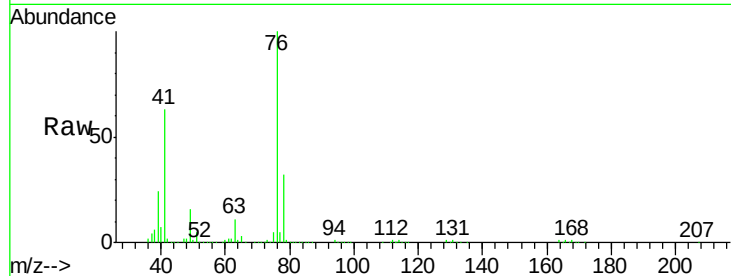




#57
 1,3-Dichloropropane
 Concen: 121.35 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

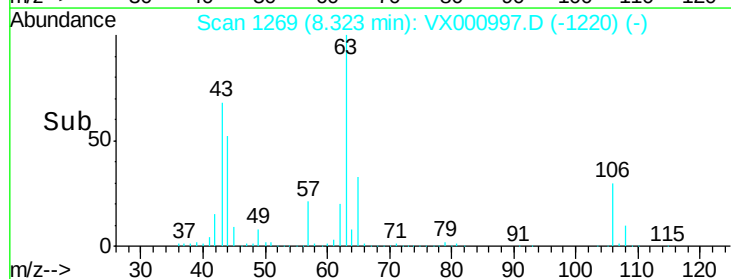
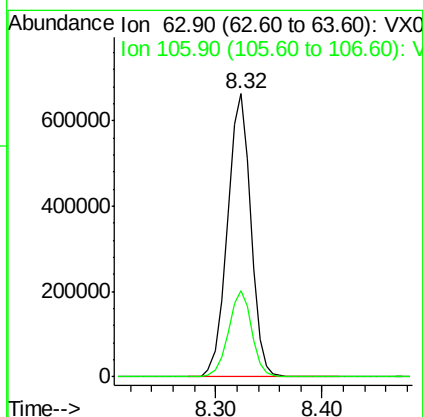
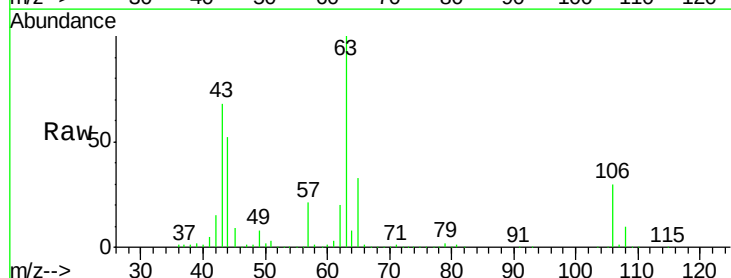
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

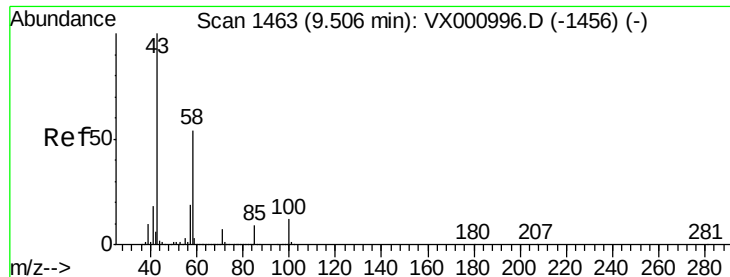
Tgt Ion: 76 Resp: 450828
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 655.50 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 63 Resp: 1017615
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.6

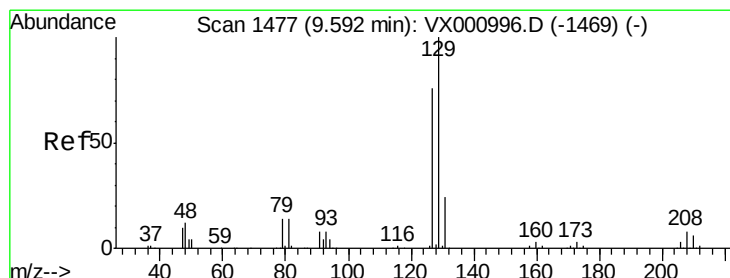
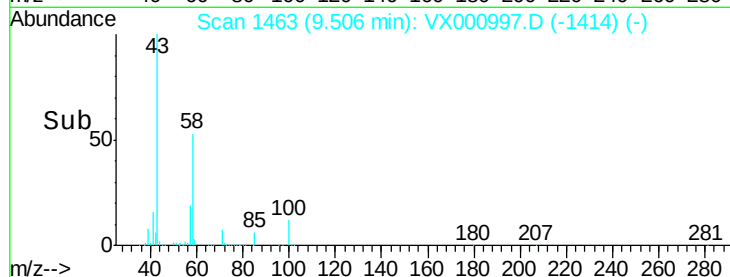
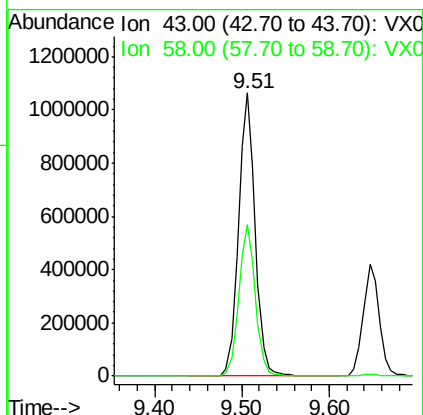
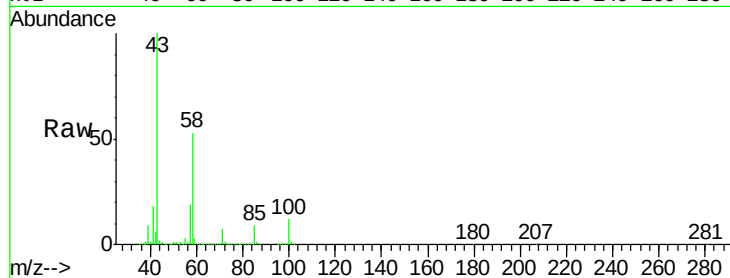




#59
2-Hexanone
Concen: 611.33 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

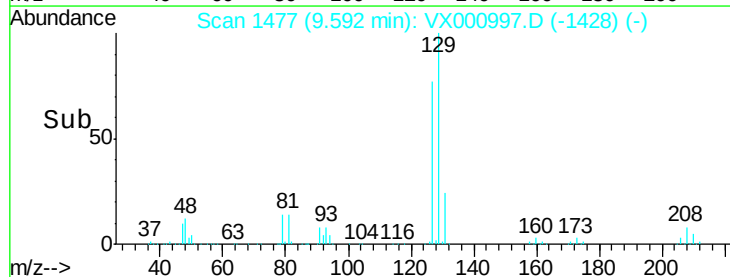
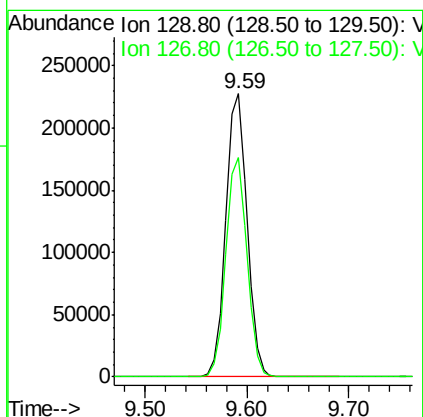
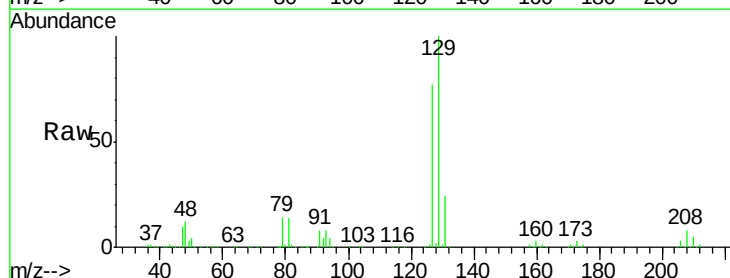
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

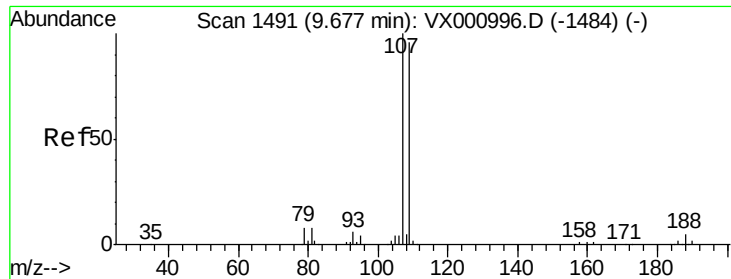
Tgt Ion: 43 Resp: 1413324
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.9



#60
Dibromochloromethane
Concen: 132.01 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion: 129 Resp: 327216
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 123.63 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

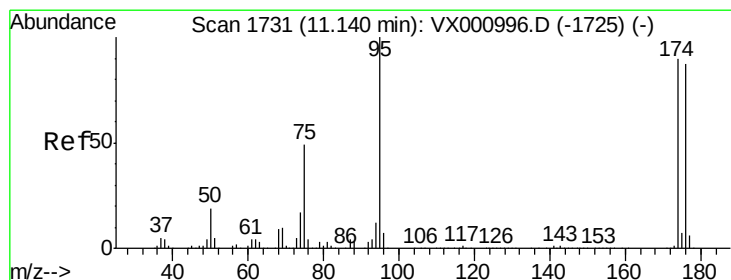
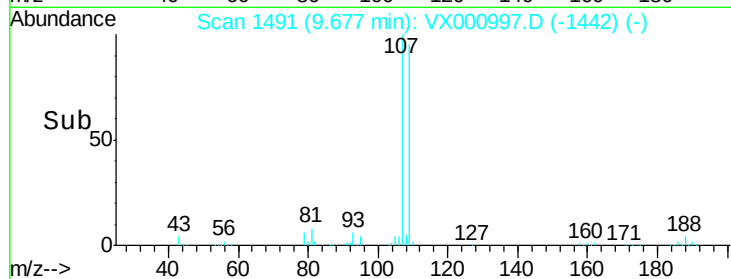
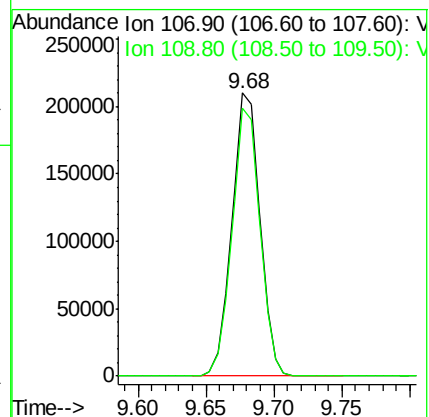
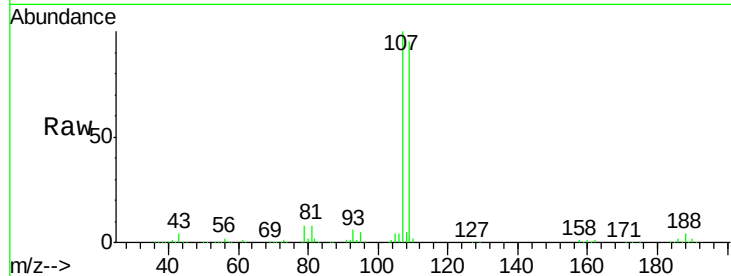
VSTDIC100

Tgt Ion: 107 Resp: 300296

Ion Ratio Lower Upper

107 100

109 94.8 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 107.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

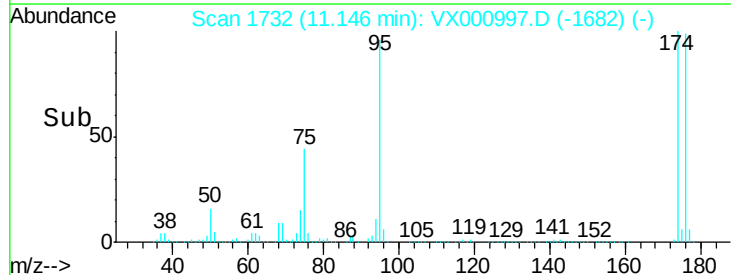
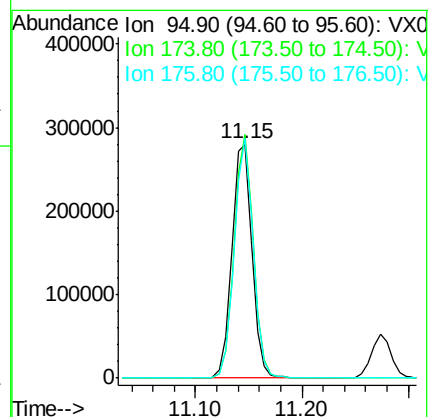
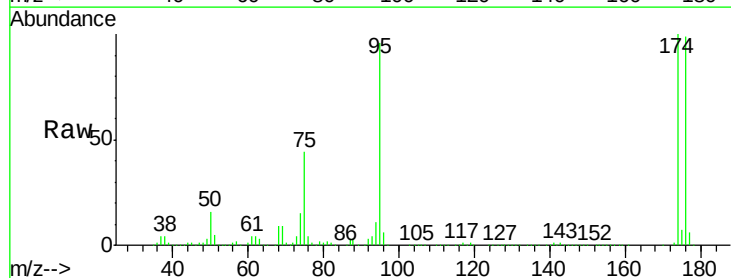
Tgt Ion: 95 Resp: 371066

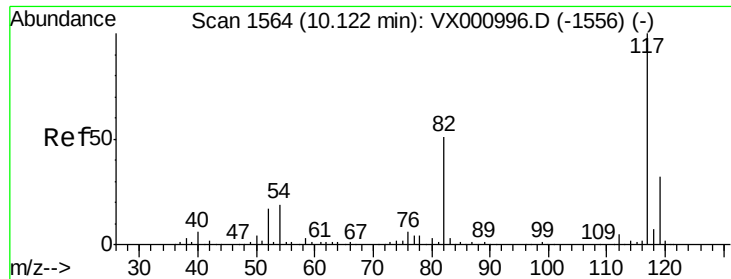
Ion Ratio Lower Upper

95 100

174 99.3 0.0 198.4

176 97.0 0.0 192.0

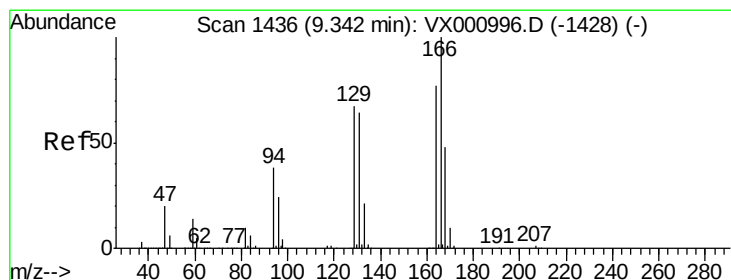
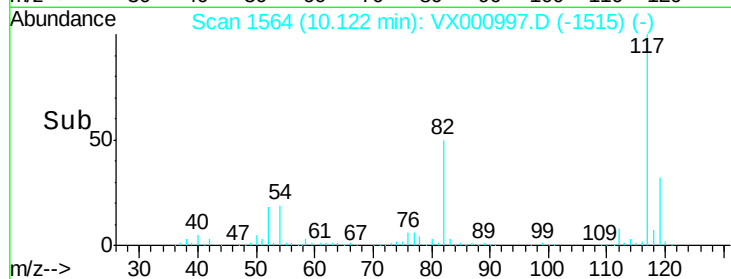
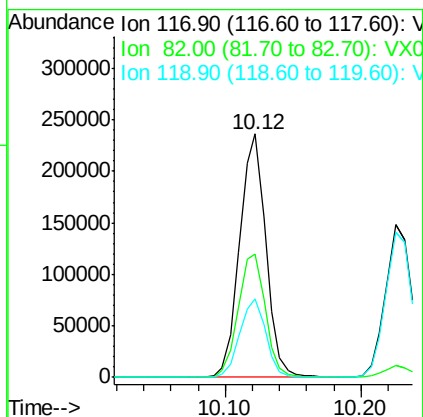
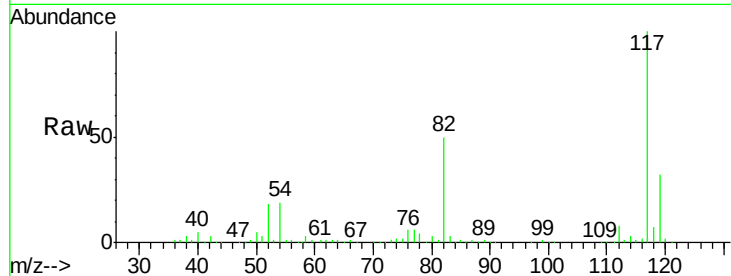




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

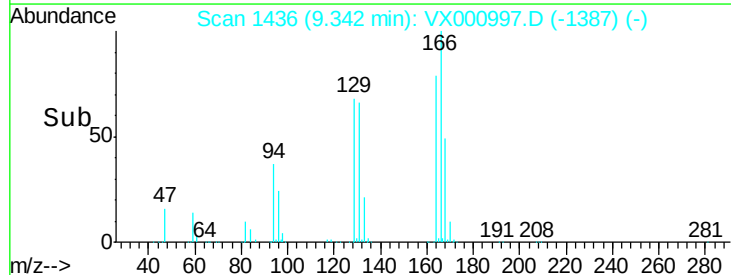
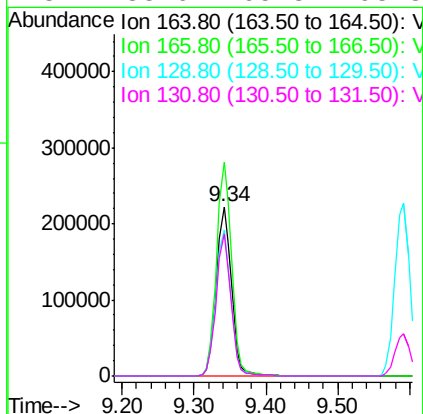
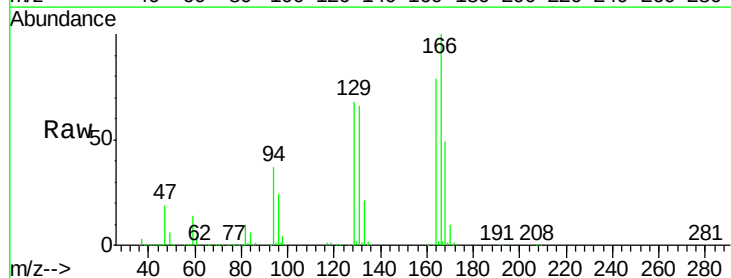
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

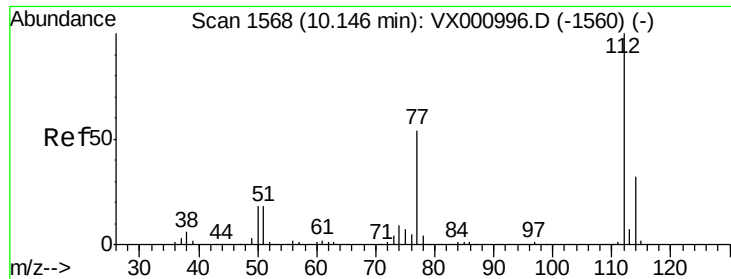
Tgt Ion:117 Resp: 318467
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 114.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion:164 Resp: 322091
Ion Ratio Lower Upper
164 100
166 126.0 103.5 155.3
129 86.0 69.6 104.4
131 83.6 65.8 98.8

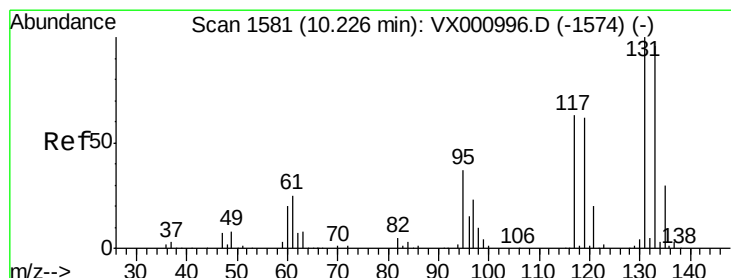
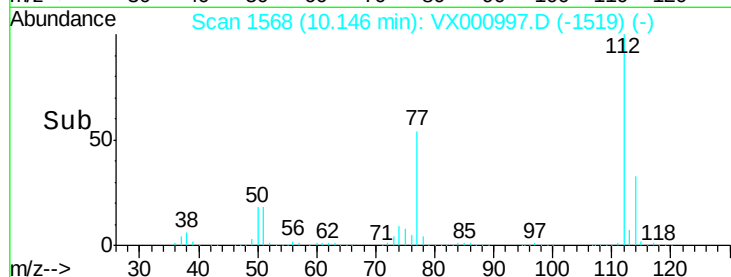
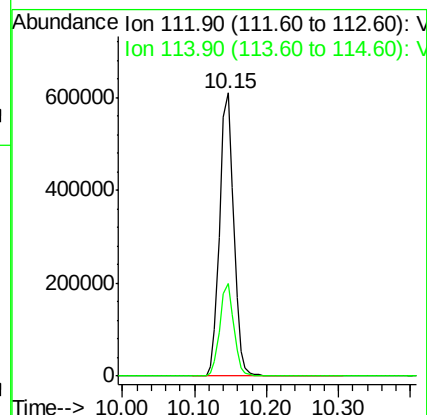
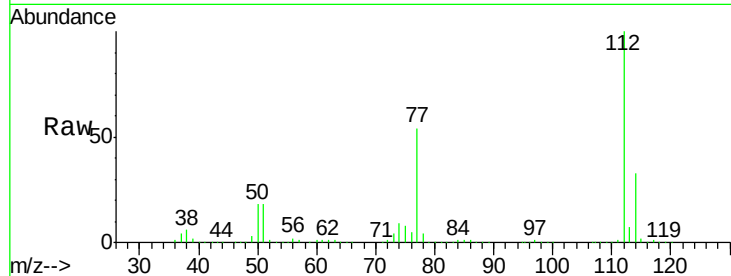




#65
Chlorobenzene
Concen: 118.08 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

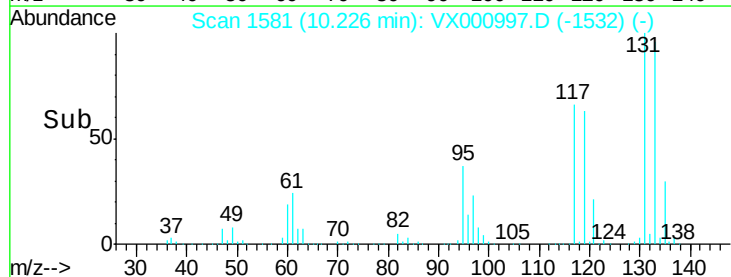
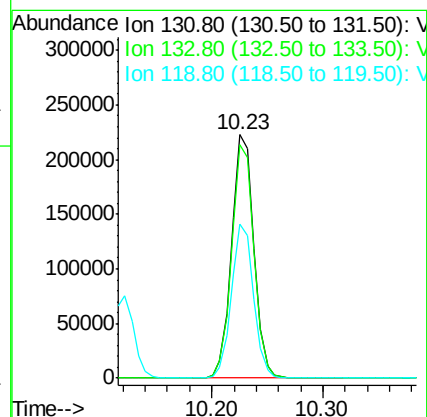
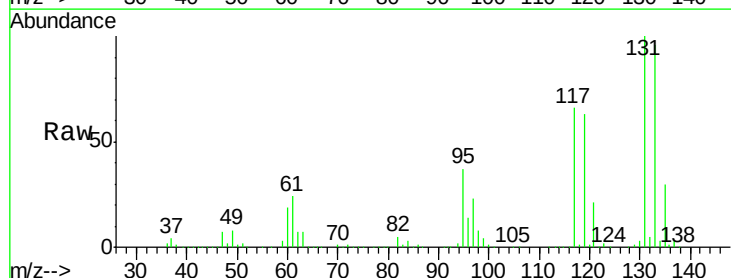
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

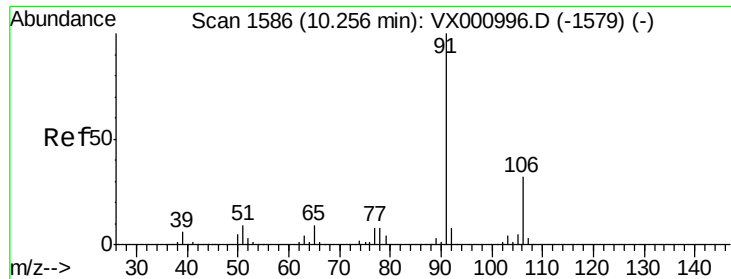
Tgt Ion:112 Resp: 825118
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 126.18 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion:131 Resp: 306663
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.8
119 62.8 31.1 93.2





#67

Ethyl Benzene

Concen: 120.77 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

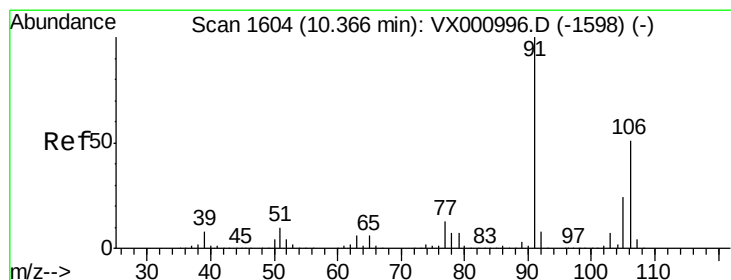
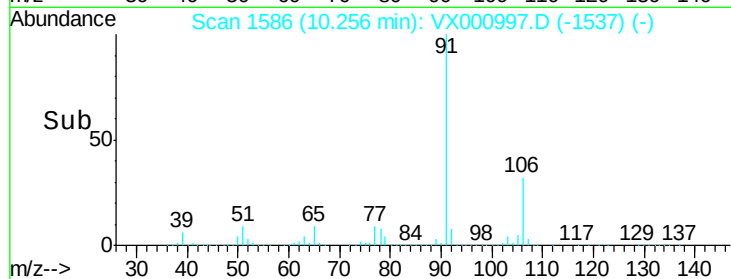
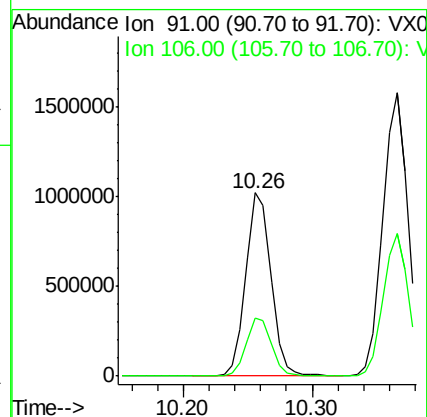
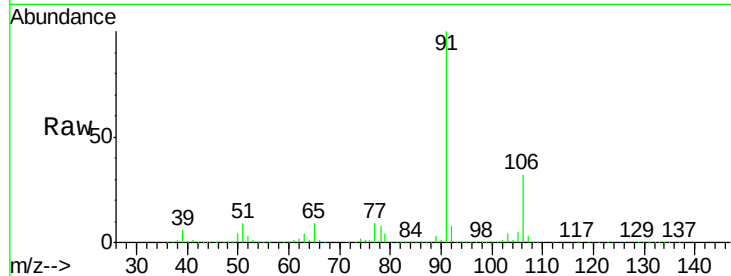
VSTDIC100

Tgt Ion: 91 Resp: 1383173

Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



#68

m/p-Xylenes

Concen: 239.87 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000997.D

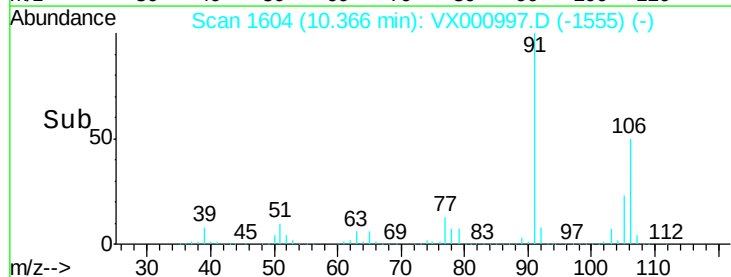
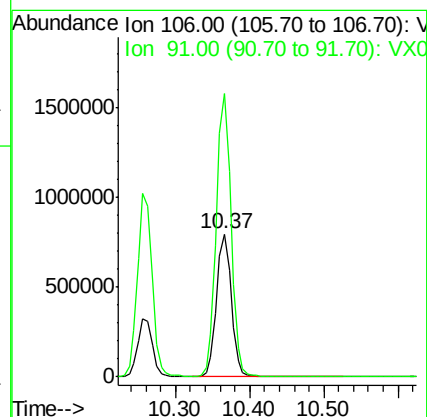
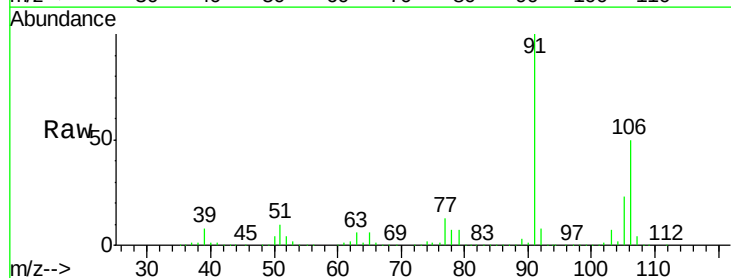
Acq: 19 Apr 2018 18:54

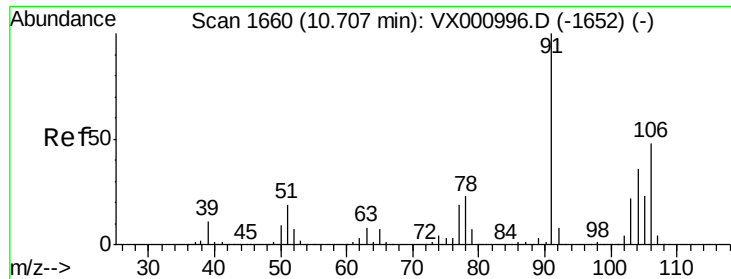
Tgt Ion: 106 Resp: 1089036

Ion Ratio Lower Upper

106 100

91 198.5 159.3 238.9

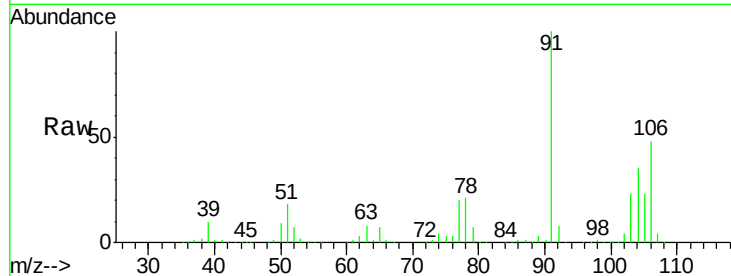




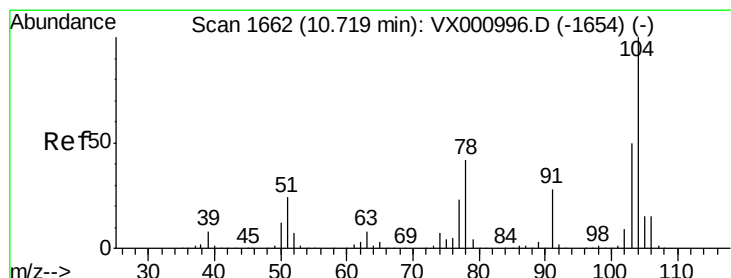
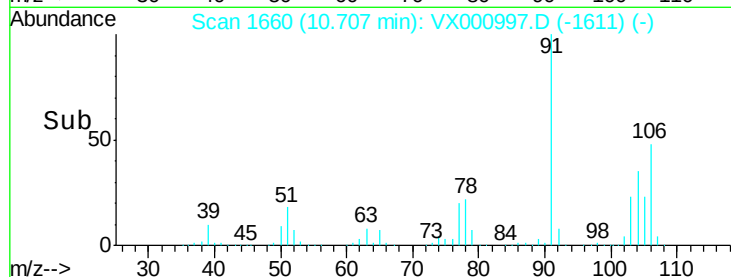
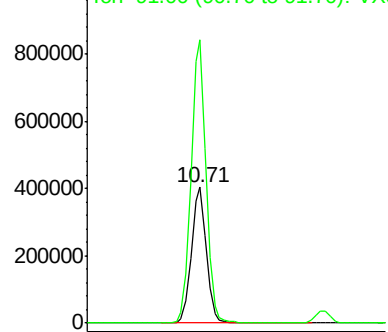
#69
o-Xylene
Concen: 120.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 531004
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.1

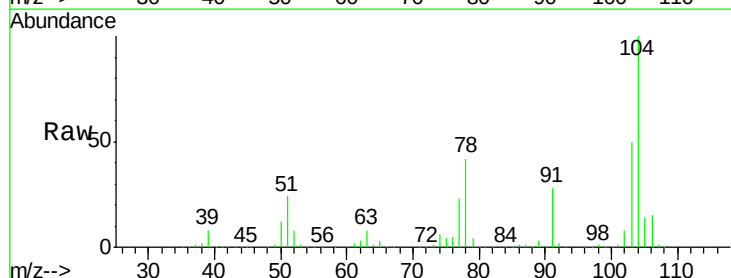


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

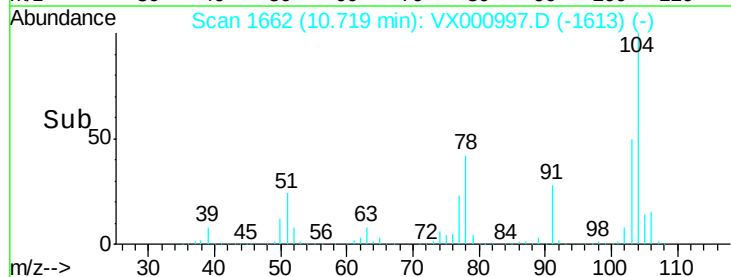
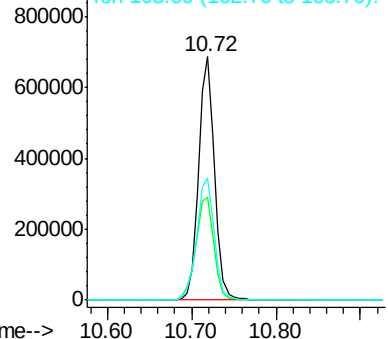


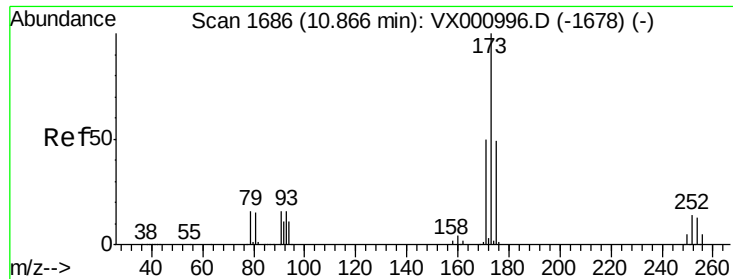
#70
Styrene
Concen: 122.39 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion:104 Resp: 894891
Ion Ratio Lower Upper
104 100
78 48.5 39.4 59.2
103 55.4 44.2 66.2



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: 133.46 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDICC100

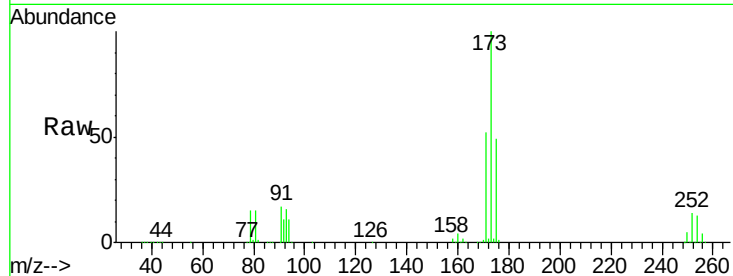
Tgt Ion:173 Resp: 278759

Ion Ratio Lower Upper

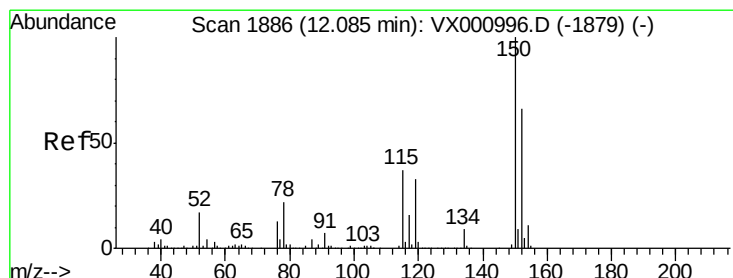
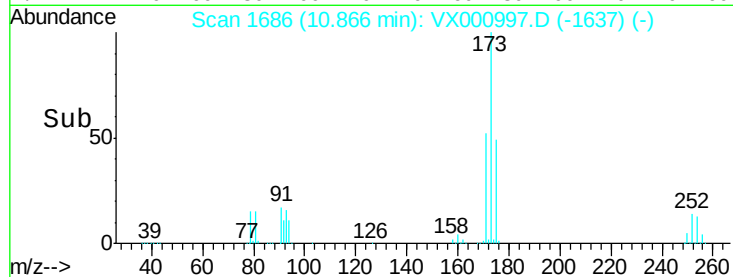
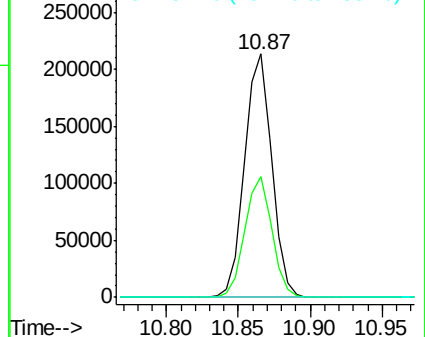
173 100

175 48.9 24.8 74.3

254 0.2 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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

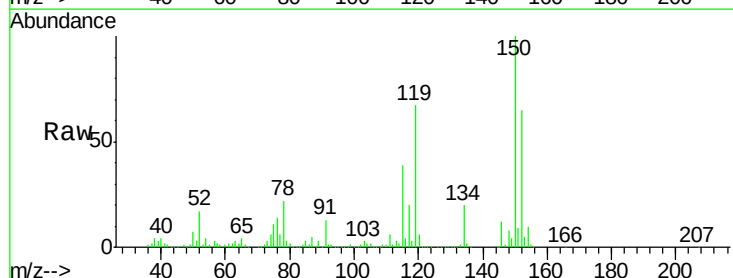
Tgt Ion:152 Resp: 223294

Ion Ratio Lower Upper

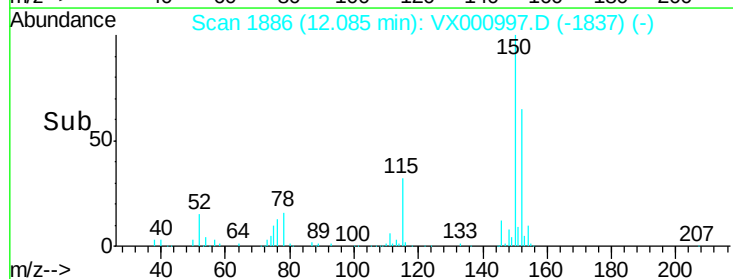
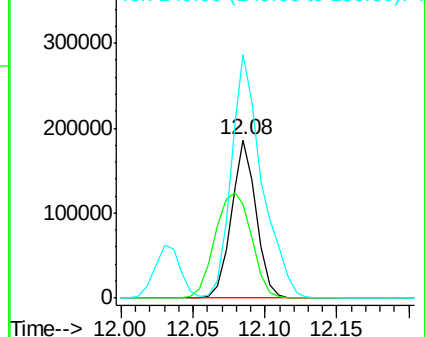
152 100

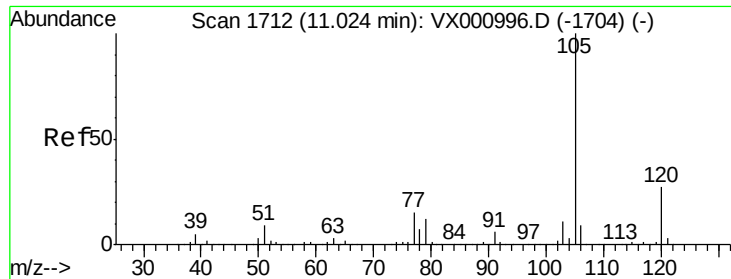
115 98.1 38.2 114.6

150 191.1 0.0 350.4



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





#73

Isopropylbenzene

Concen: 115.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

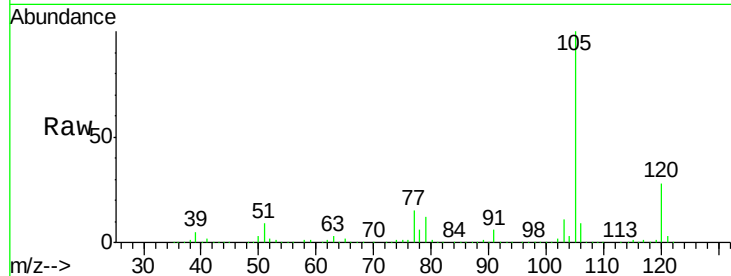
VSTDICC100

Tgt Ion:105 Resp: 1417562

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

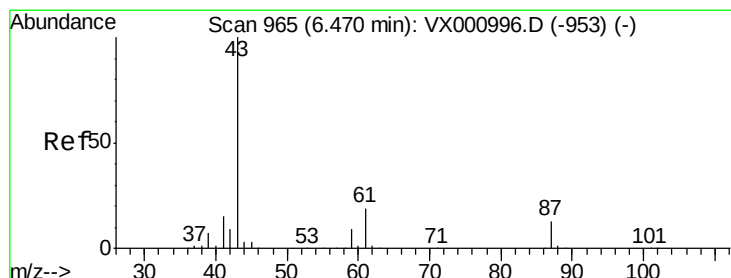
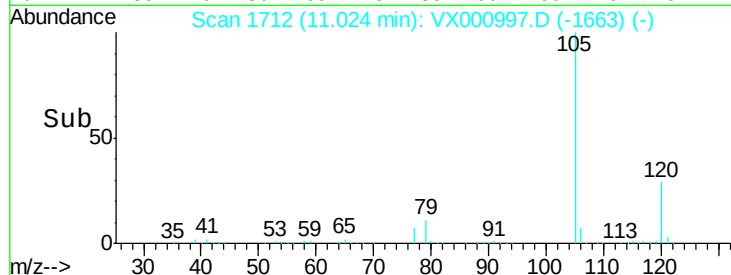
1000000

500000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 119.22 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Tgt Ion: 43 Resp: 610988

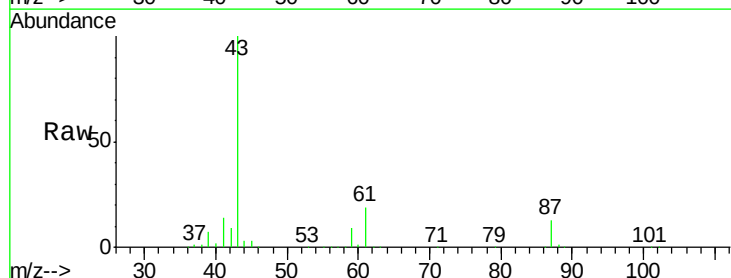
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.3 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.47

300000

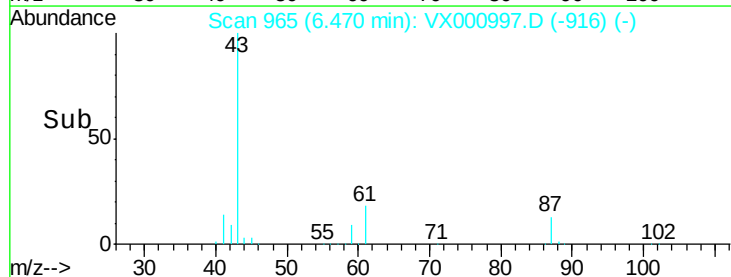
200000

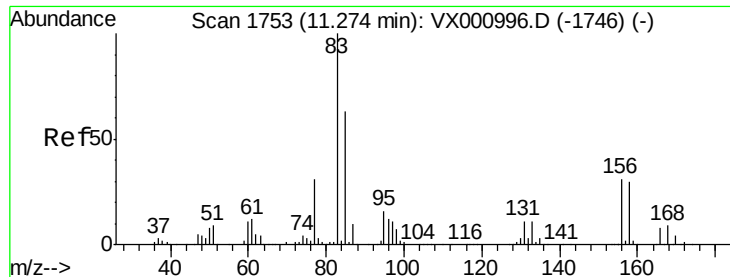
100000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 120.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

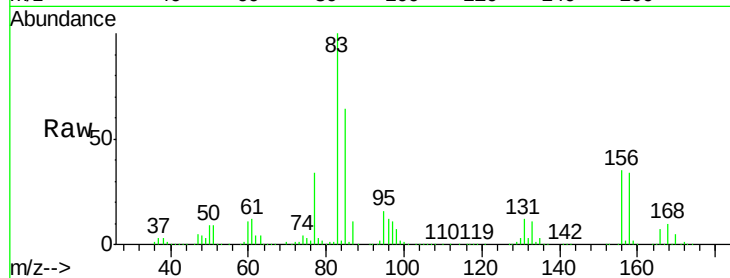
Tgt Ion: 83 Resp: 418489

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

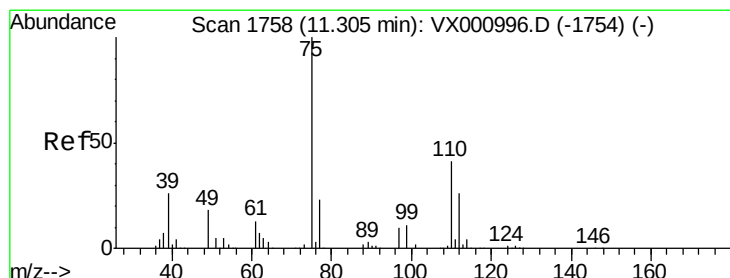
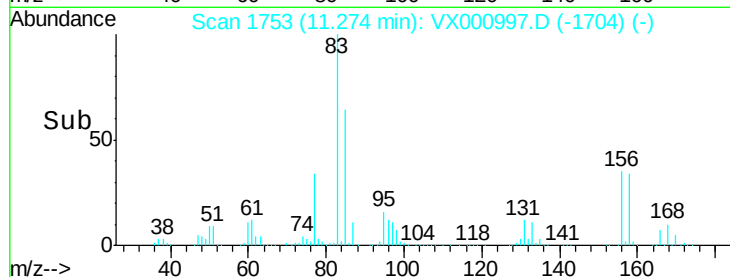
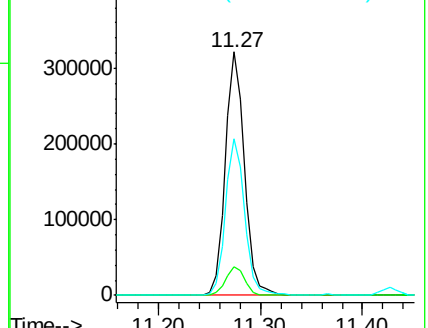
85 64.5 32.0 96.2



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: 127.41 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000997.D

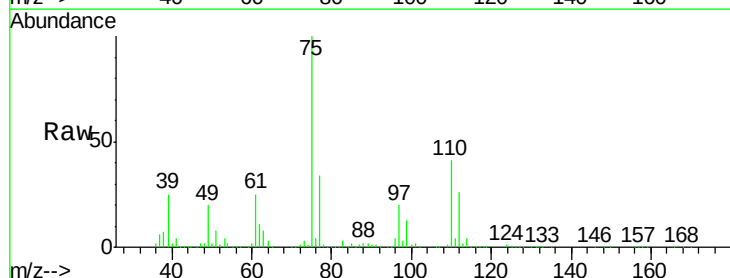
Acq: 19 Apr 2018 18:54

Tgt Ion: 75 Resp: 485905

Ion Ratio Lower Upper

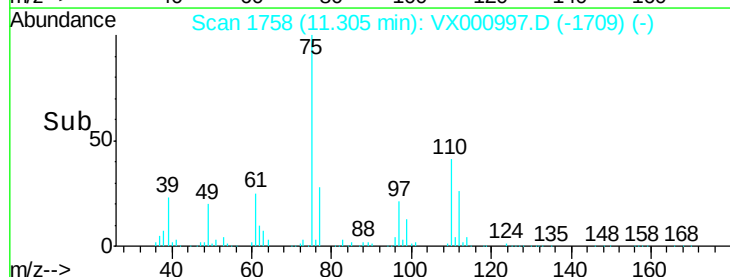
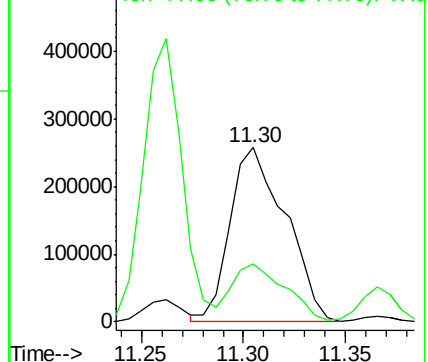
75 100

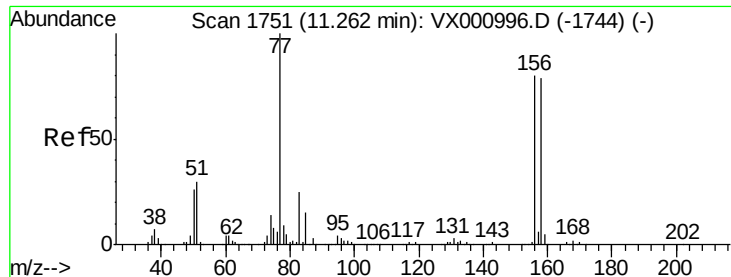
77 32.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 115.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

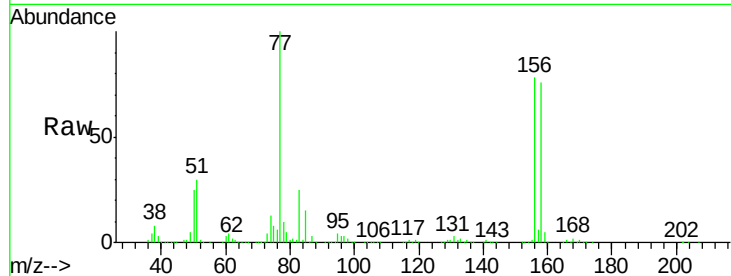
Tgt Ion:156 Resp: 415687

Ion Ratio Lower Upper

156 100

77 131.8 66.3 199.0

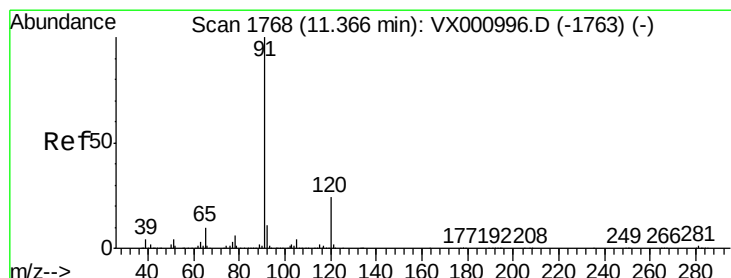
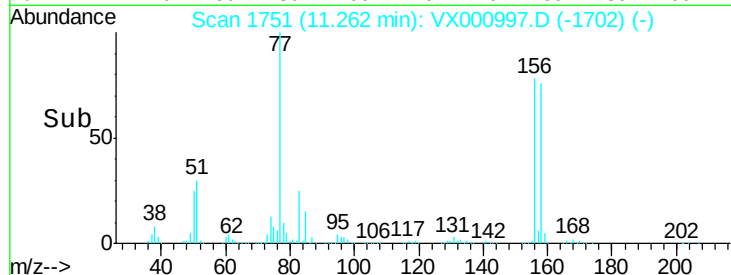
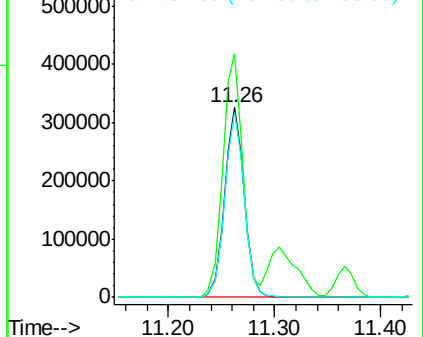
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 113.68 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000997.D

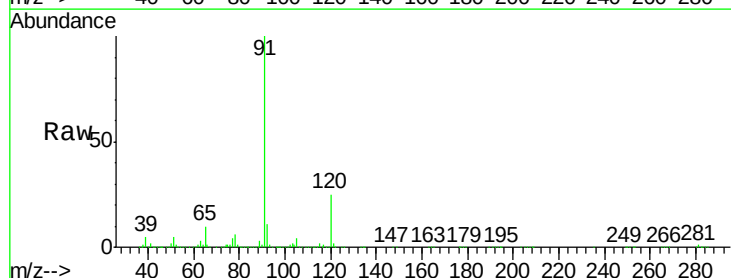
Acq: 19 Apr 2018 18:54

Tgt Ion: 91 Resp: 1613876

Ion Ratio Lower Upper

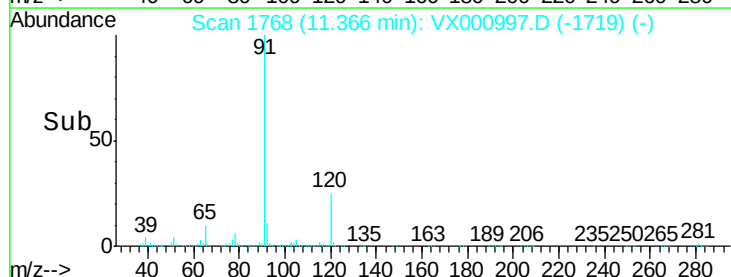
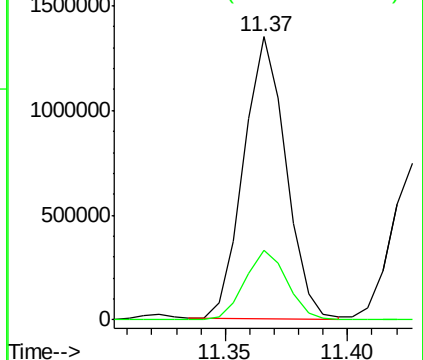
91 100

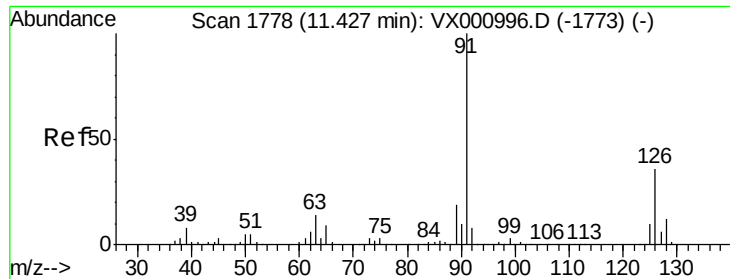
120 25.0 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 113.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

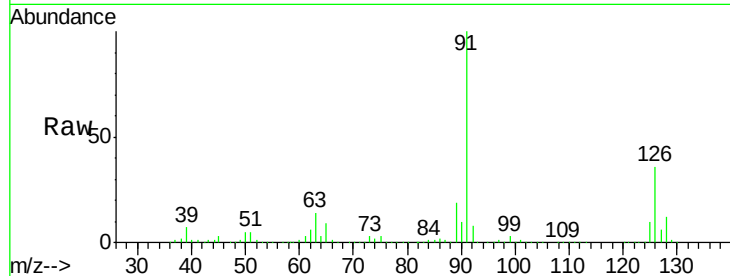
VSTDIC100

Tgt Ion: 91 Resp: 950680

Ion Ratio Lower Upper

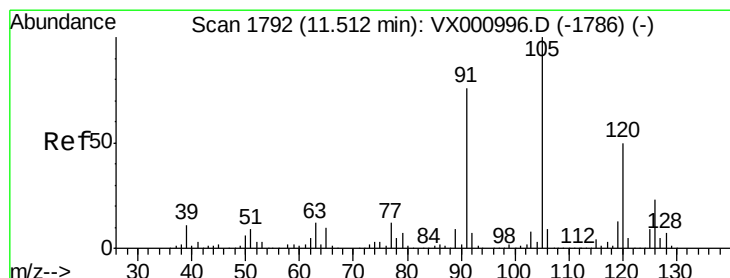
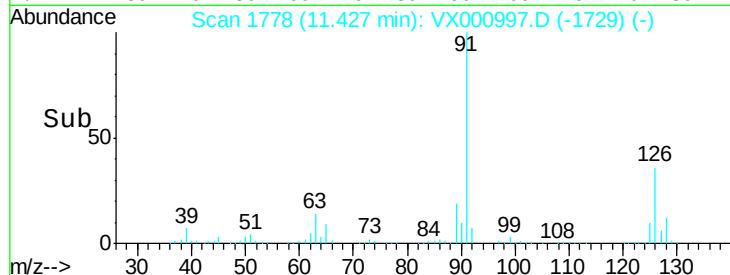
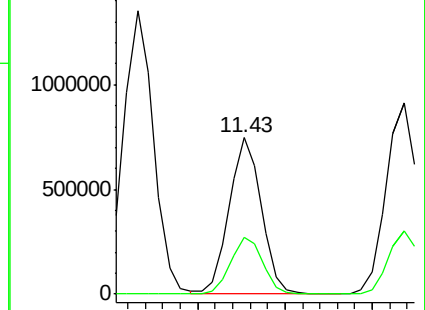
91 100

126 36.8 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000997.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000997.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 116.81 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000997.D

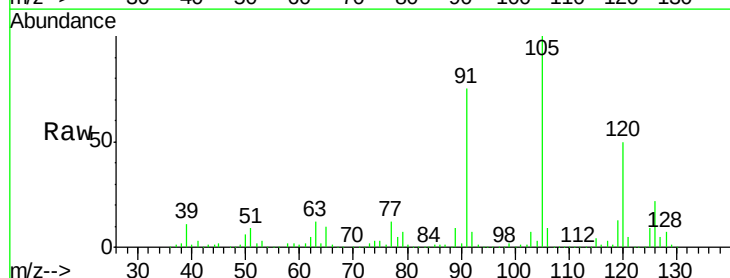
Acq: 19 Apr 2018 18:54

Tgt Ion: 105 Resp: 1217890

Ion Ratio Lower Upper

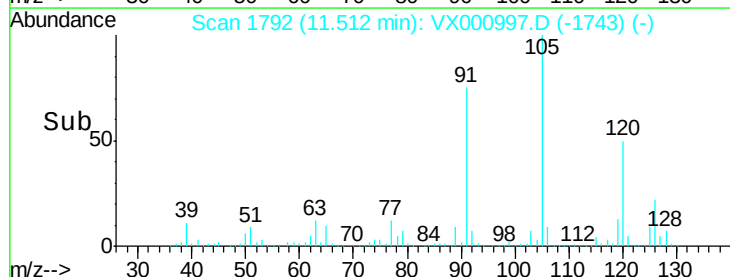
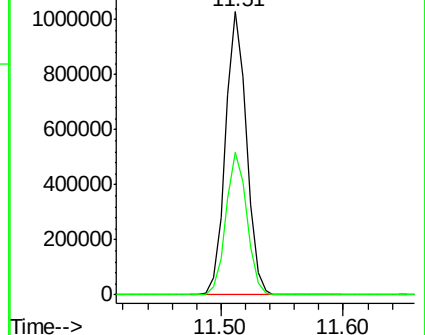
105 100

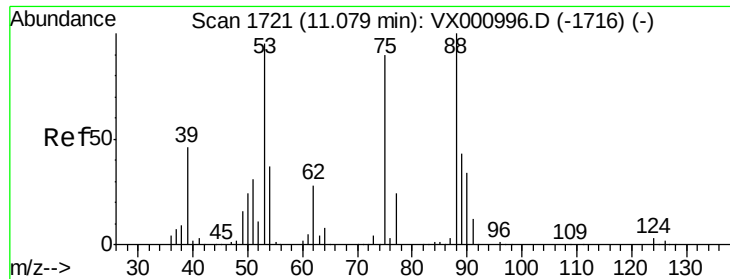
120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000997.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000997.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 133.87 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

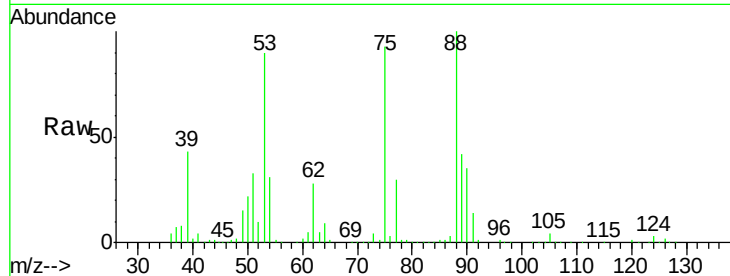
Tgt Ion: 75 Resp: 129849

Ion Ratio Lower Upper

75 100

53 96.8 83.4 125.2

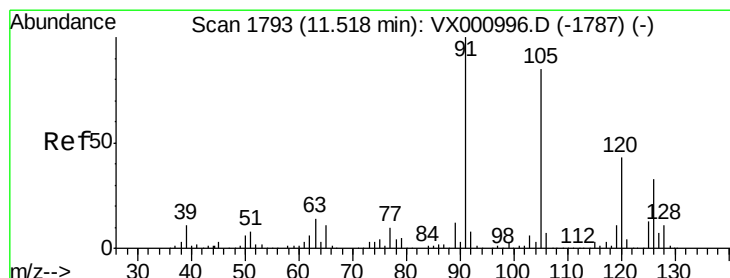
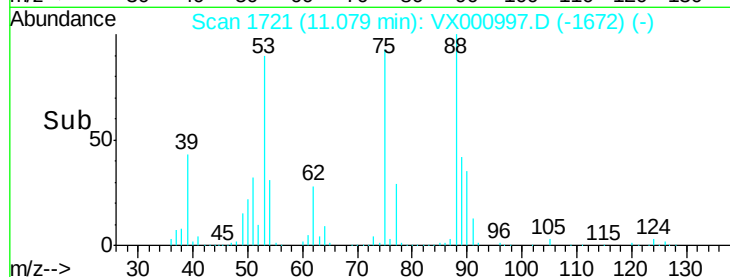
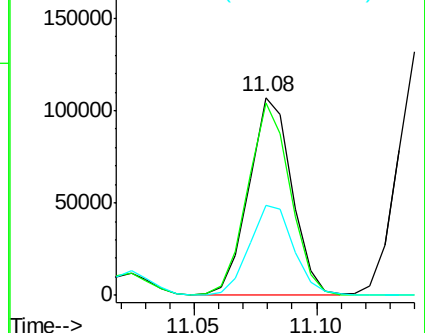
89 47.6 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 113.47 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000997.D

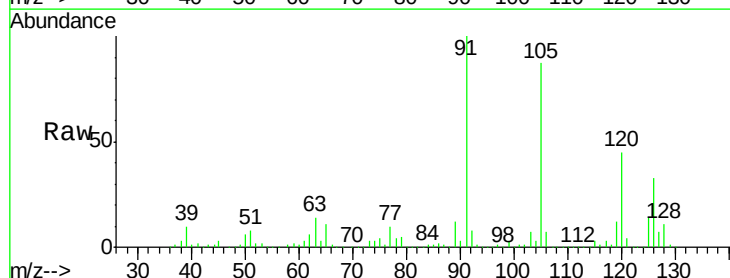
Acq: 19 Apr 2018 18:54

Tgt Ion: 91 Resp: 1147435

Ion Ratio Lower Upper

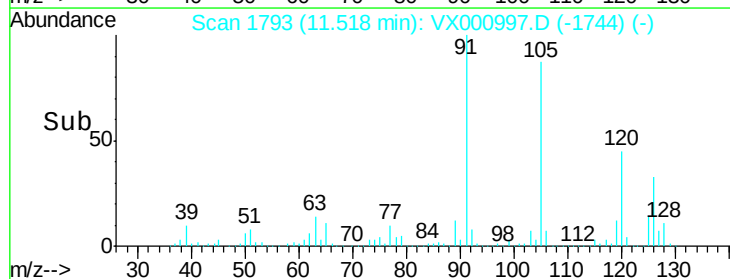
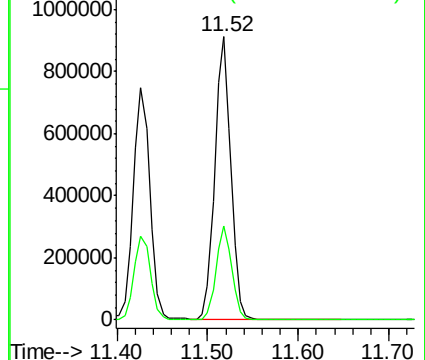
91 100

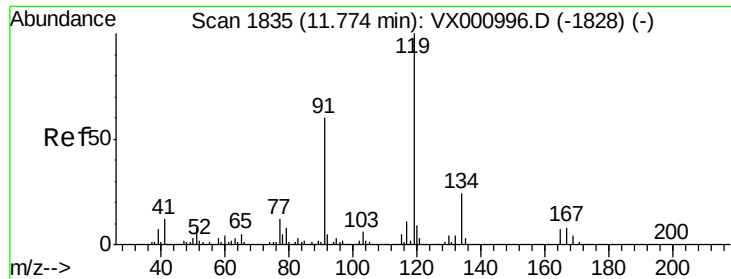
126 32.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

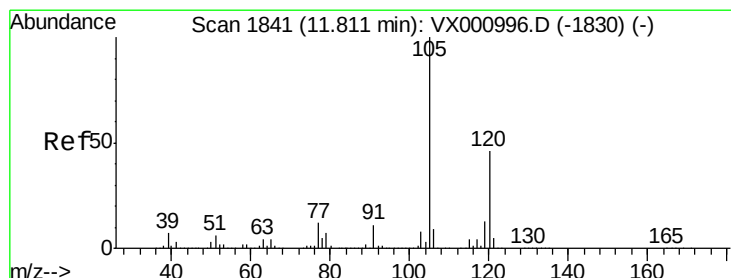
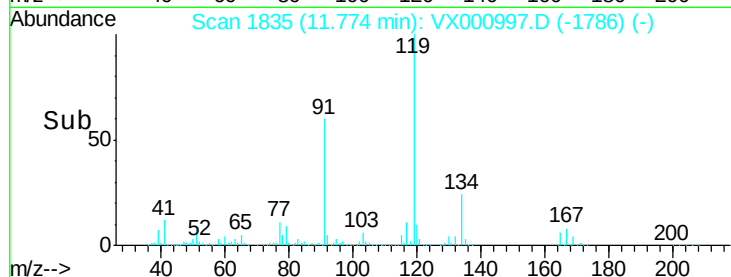
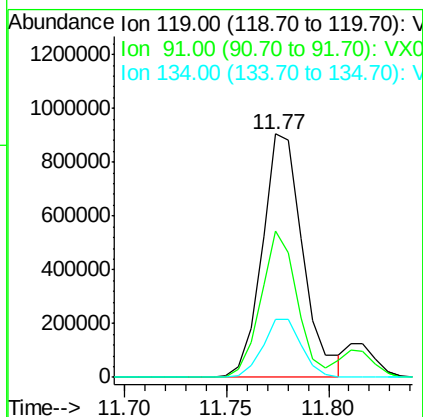
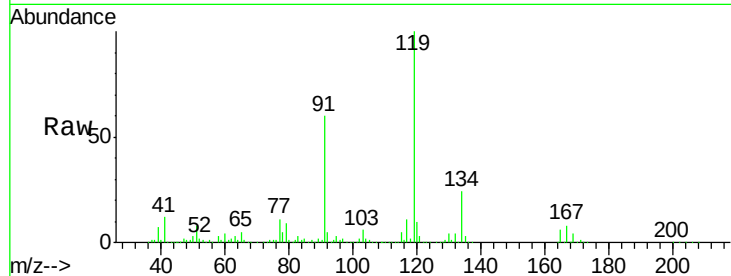




#83
 tert-Butylbenzene
 Concen: 116.97 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

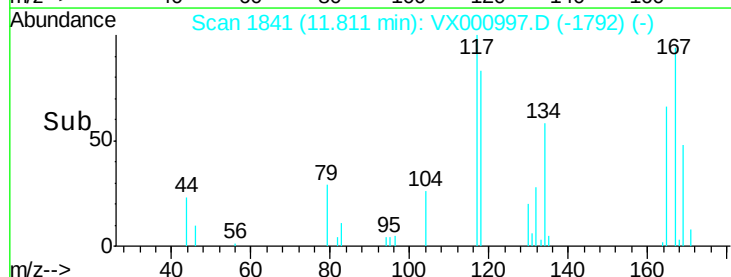
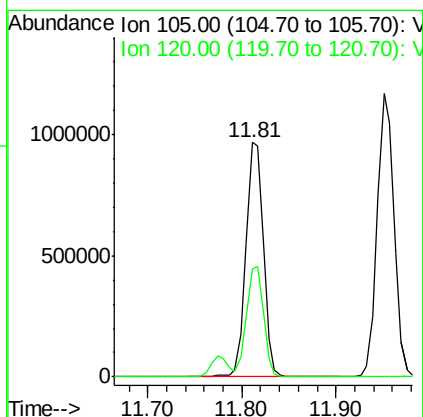
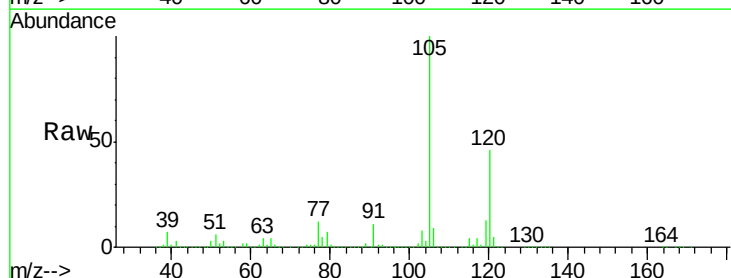
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

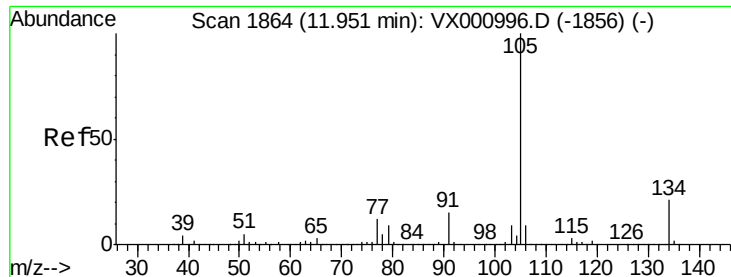
Tgt Ion:119 Resp: 1253460
 Ion Ratio Lower Upper
 119 100
 91 53.5 27.0 81.0
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 117.94 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion:105 Resp: 1253038
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 112.74 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

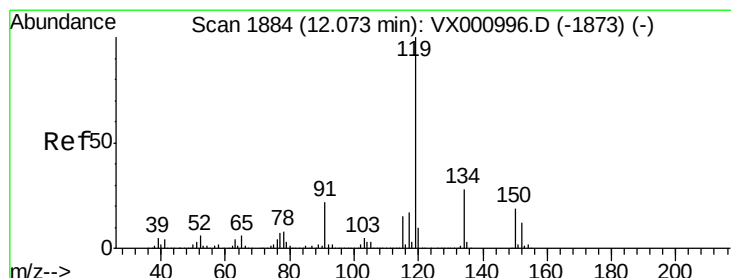
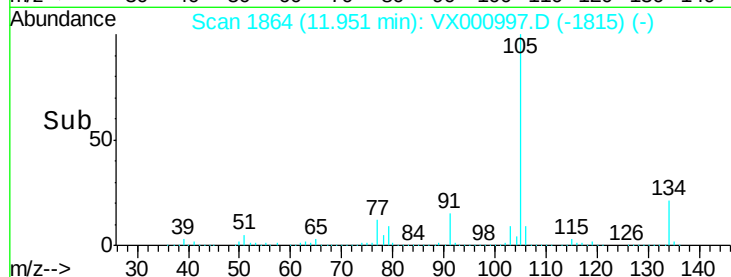
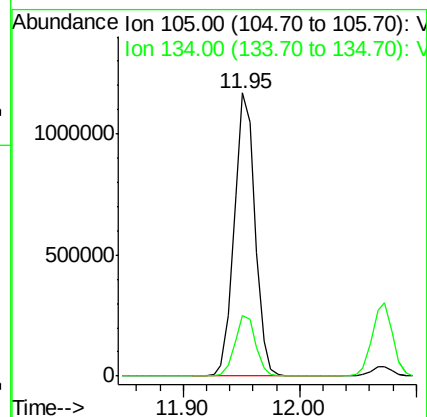
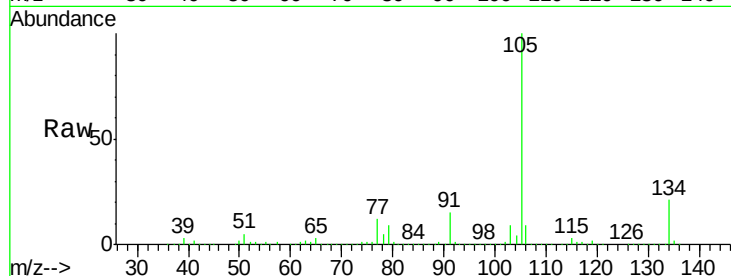
VSTDIC100

Tgt Ion:105 Resp: 1450753

Ion Ratio Lower Upper

105 100

134 21.6 10.5 31.6



#86

p-Isopropyltoluene

Concen: 114.18 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

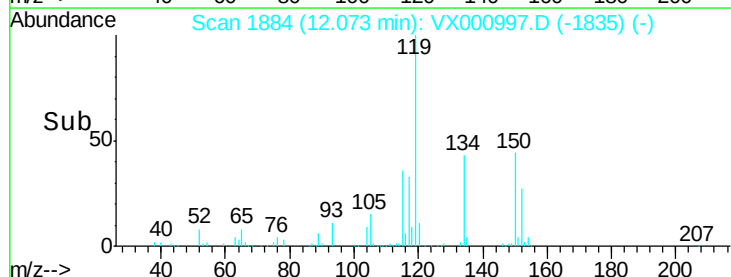
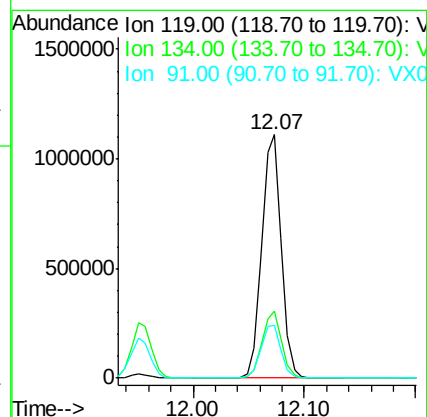
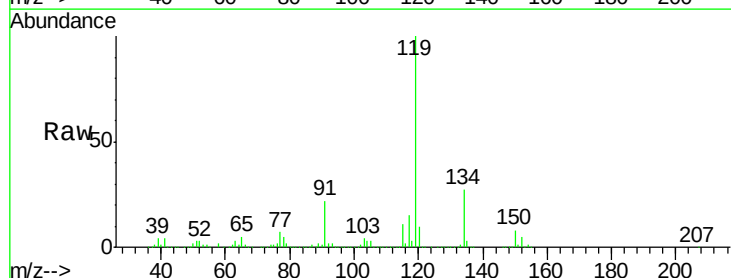
Tgt Ion:119 Resp: 1354504

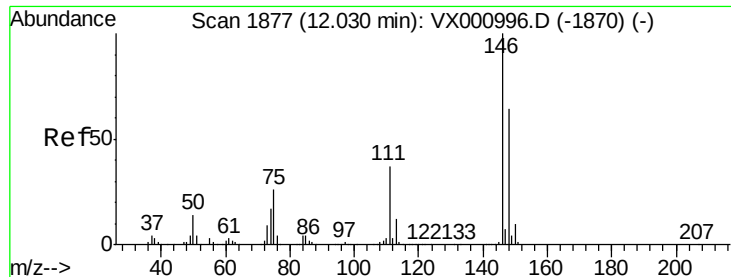
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 22.2 11.4 34.1

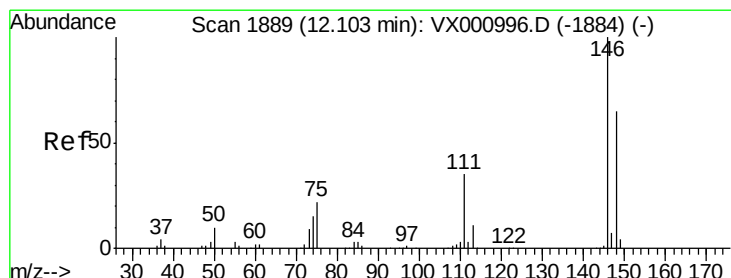
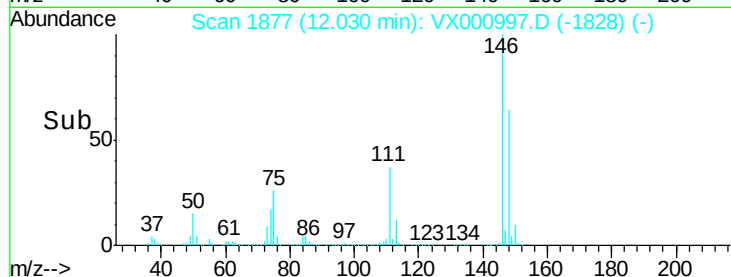
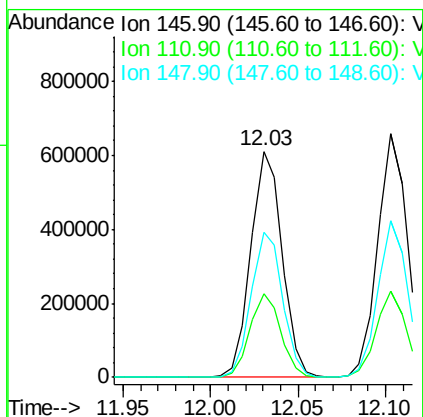
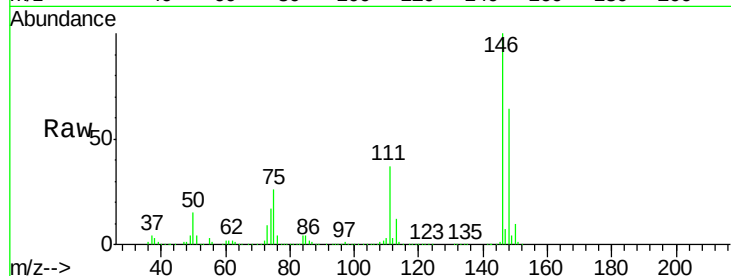




#87
 1,3-Dichlorobenzene
 Concen: 113.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

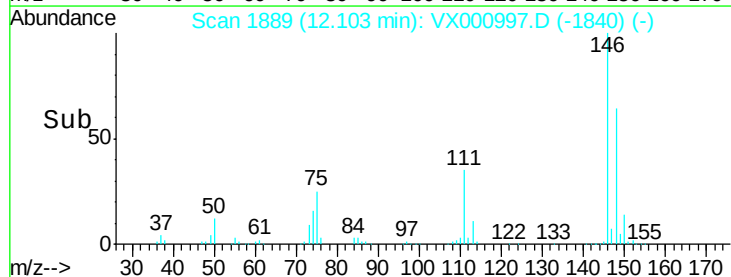
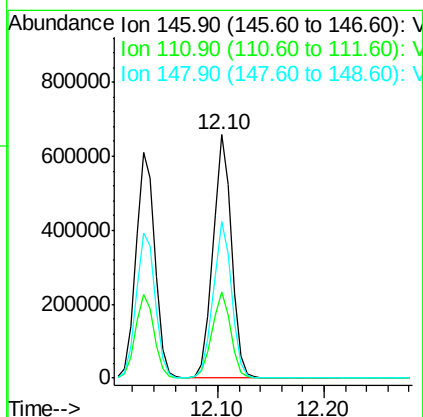
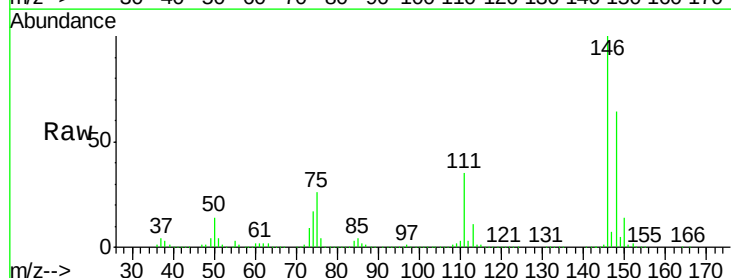
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

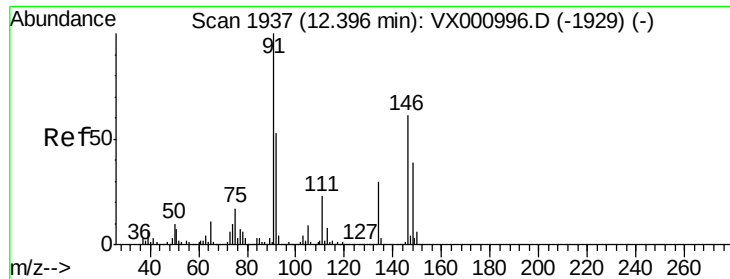
Tgt Ion:146 Resp: 765046
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 64.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 114.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion:146 Resp: 781757
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.0 54.0
 148 64.1 32.4 97.0

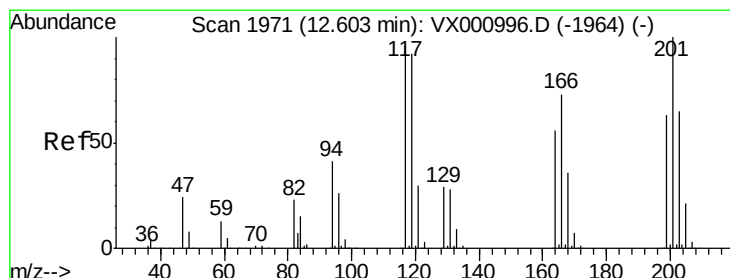
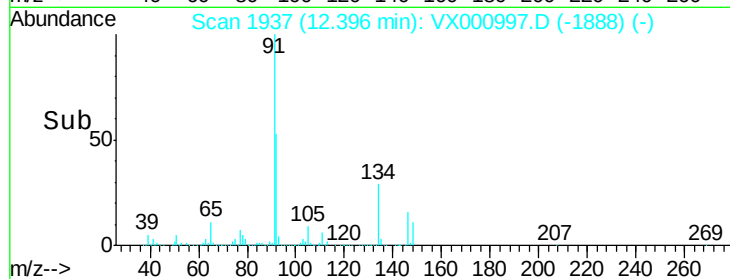
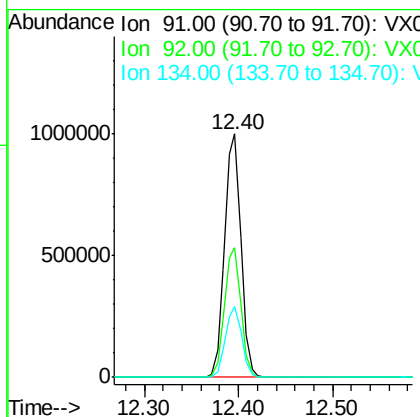
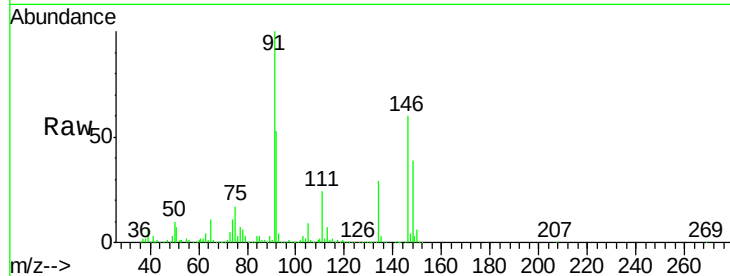




#89
n-Butylbenzene
Concen: 112.26 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

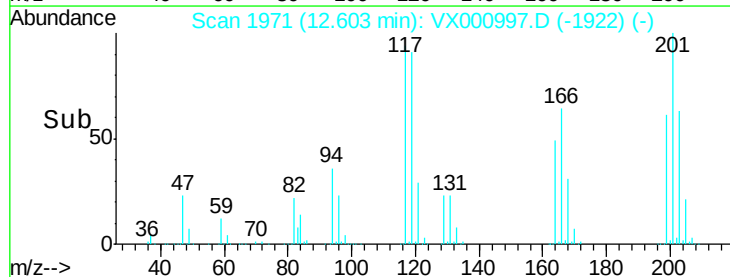
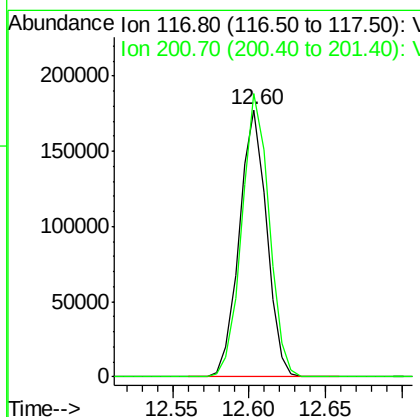
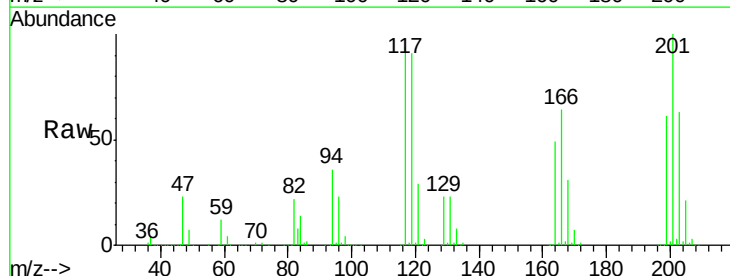
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

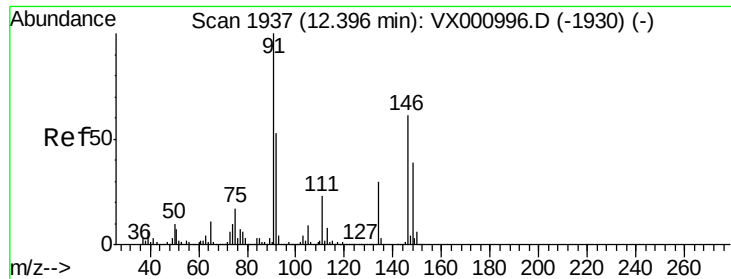
Tgt Ion: 91 Resp: 1201656
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 28.9 14.4 43.0



#90
Hexachloroethane
Concen: 127.94 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000997.D
Acq: 19 Apr 2018 18:54

Tgt Ion: 117 Resp: 219413
Ion Ratio Lower Upper
117 100
201 105.9 52.3 157.1

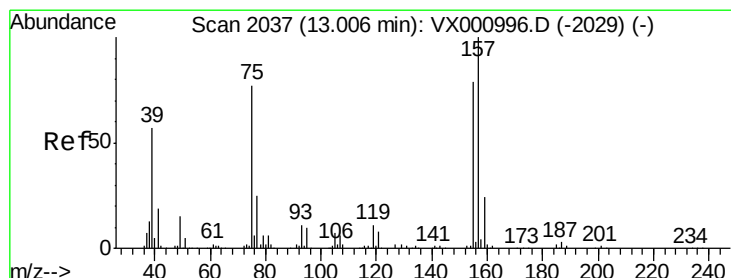
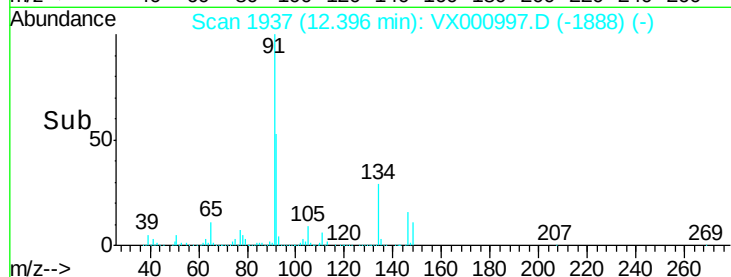
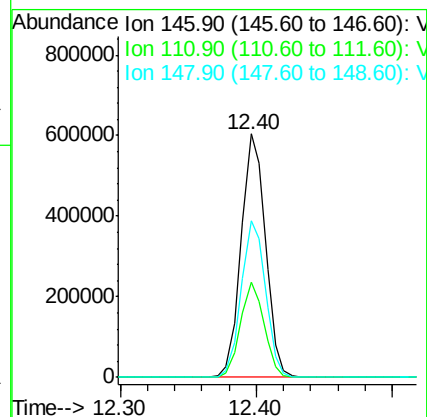
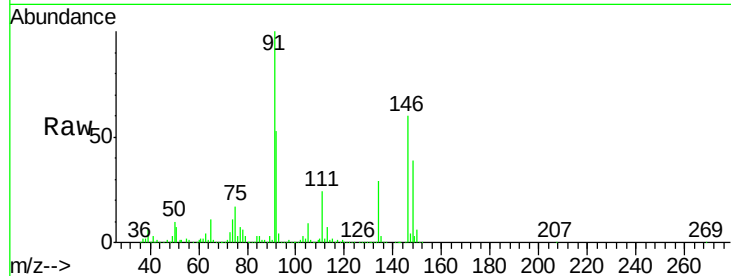




#91
 1,2-Dichlorobenzene
 Concen: 115.64 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

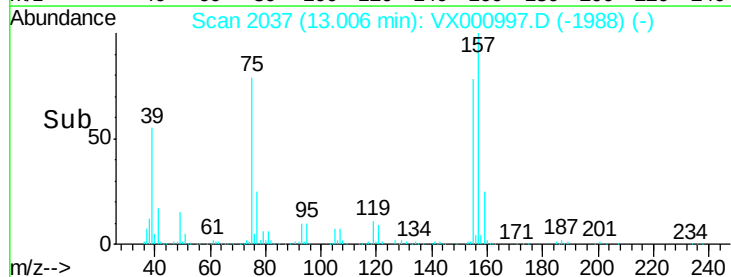
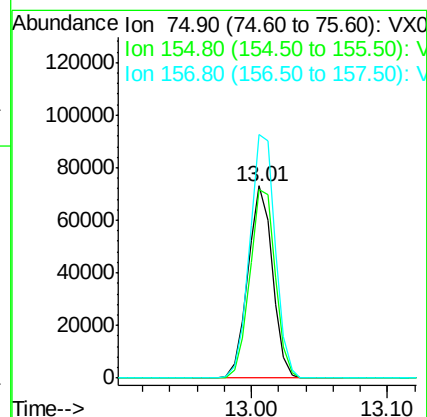
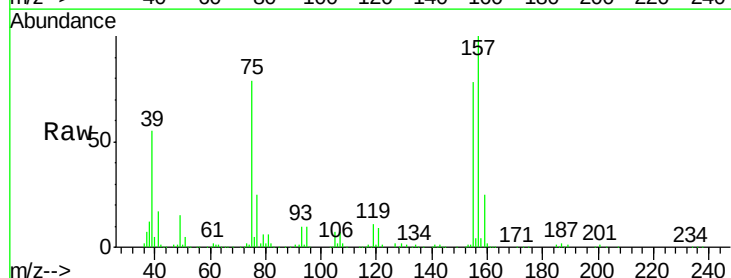
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

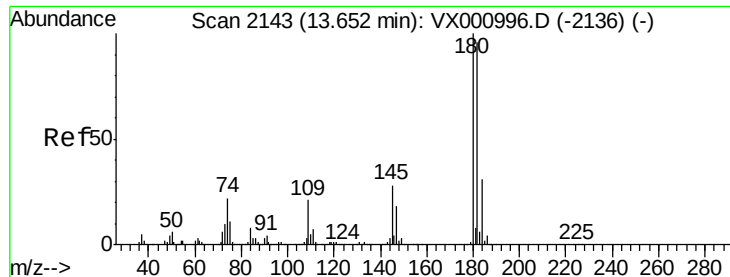
Tgt Ion:146 Resp: 752551
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 56.0
 148 64.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 126.73 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion: 75 Resp: 91711
 Ion Ratio Lower Upper
 75 100
 155 102.6 51.0 153.0
 157 132.6 64.9 194.7

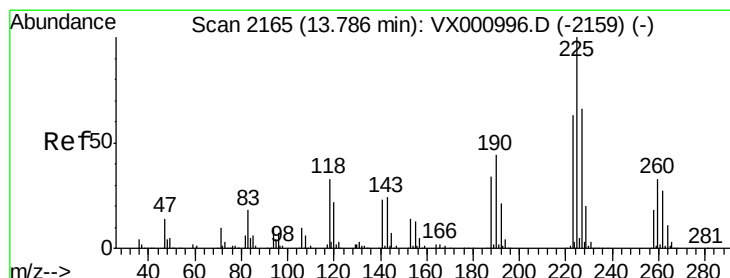
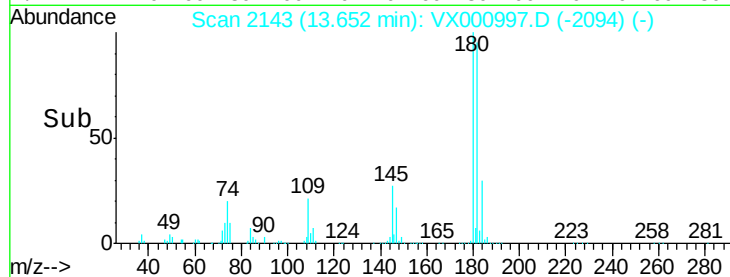
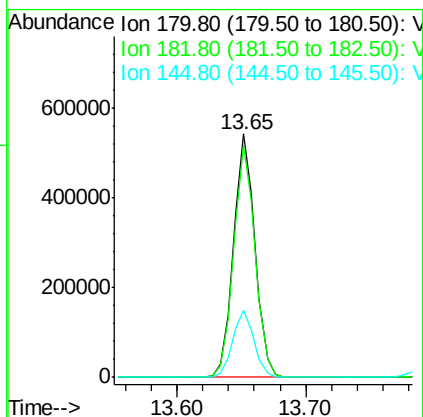
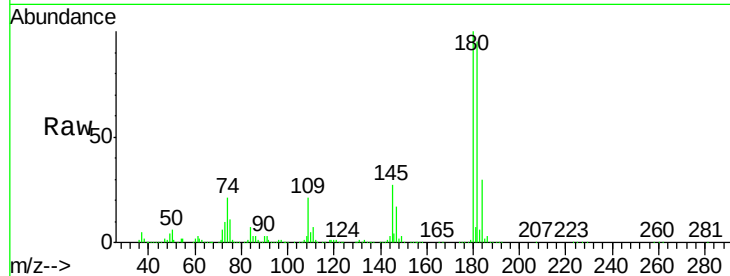




#93
 1,2,4-Trichlorobenzene
 Concen: 109.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

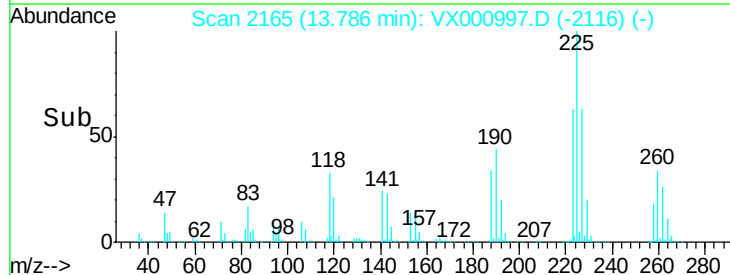
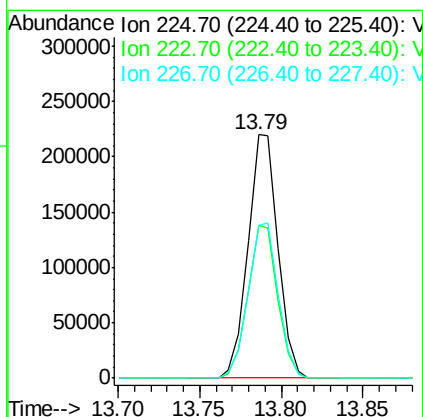
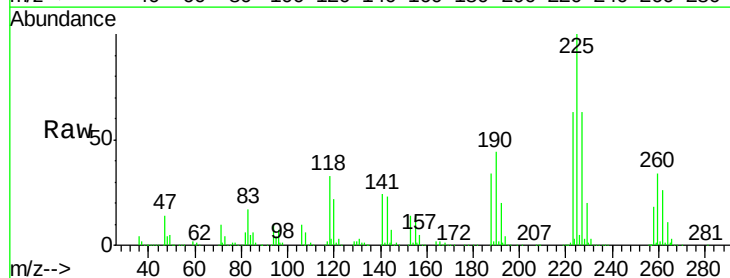
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

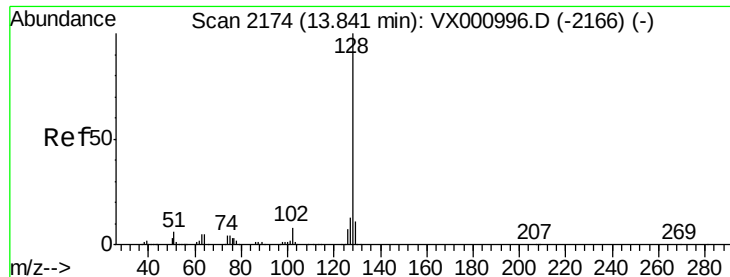
Tgt Ion:180 Resp: 627578
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.0
 145 27.3 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 110.01 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000997.D
 Acq: 19 Apr 2018 18:54

Tgt Ion:225 Resp: 281489
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.5 94.5
 227 64.0 32.6 97.8





#95

Naphthalene

Concen: 118.22 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

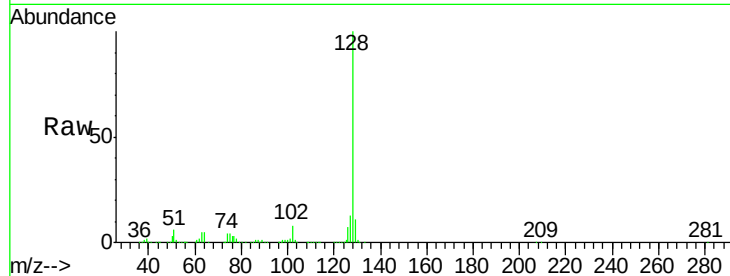
Tgt Ion:128 Resp: 1595597

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

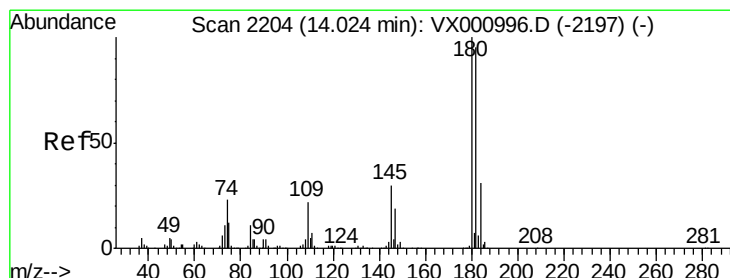
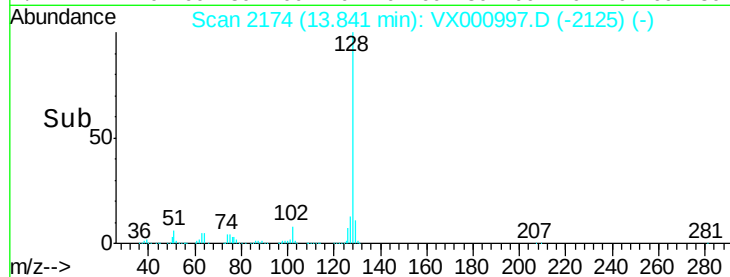
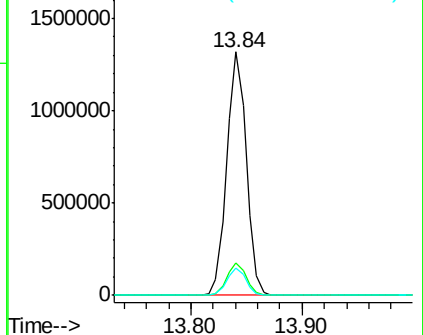
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 112.86 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000997.D

Acq: 19 Apr 2018 18:54

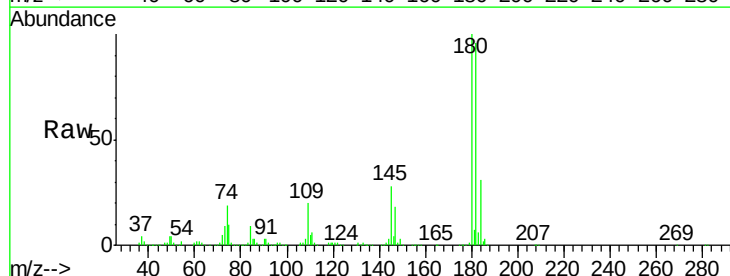
Tgt Ion:180 Resp: 605743

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 28.8 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

