

Data File : VX000998.D

Acq On : 19 Apr 2018 19:20

Operator : JC/MD

Sample : VSTDICC150

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Apr 20 04:27:41 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	254055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	421564	131.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.46%	
35) Dibromofluoromethane	5.51	113	367136	154.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.90%	
50) Toluene-d8	8.73	98	1328668	155.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.40%	
62) 4-Bromofluorobenzene	11.15	95	560035	158.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	490654	202.53	ug/l	98
3) Chloromethane	1.32	50	436815	175.20	ug/l	100
4) Vinyl Chloride	1.41	62	441988	182.02	ug/l	99
5) Bromomethane	1.64	94	207645	129.96	ug/l	99
6) Chloroethane	1.72	64	248138	145.39	ug/l	99
7) Trichlorofluoromethane	1.92	101	630647	171.64	ug/l	100
8) Diethyl Ether	2.19	74	232718	165.47	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	366529	166.76	ug/l	99
10) Methyl Iodide	2.51	142	447134	225.50	ug/l	98
11) Tert butyl alcohol	3.09	59	350299	838.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	346442	165.25	ug/l	98
13) Acrolein	2.30	56	117237	1379.17	ug/l	100
14) Allyl chloride	2.73	41	637504	163.23	ug/l	98
15) Acrylonitrile	3.16	53	921955	834.88	ug/l	99
16) Acetone	2.45	43	788552	754.84	ug/l	98
17) Carbon Disulfide	2.57	76	1037353	159.03	ug/l	100
18) Methyl Acetate	2.78	43	547373	202.28	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1150450	168.44	ug/l	99
20) Methylene Chloride	2.86	84	370372	151.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	379056	159.92	ug/l	97
22) Diisopropyl ether	3.88	45	1255475	168.09	ug/l	99
23) Vinyl Acetate	3.83	43	5108972	838.17	ug/l	100
24) 1,1-Dichloroethane	3.70	63	679461	168.73	ug/l	100
25) 2-Butanone	4.71	43	1328259	826.06	ug/l	99
26) 2,2-Dichloropropane	4.59	77	604077	170.97	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	436881	170.34	ug/l	98
28) Bromochloromethane	5.03	49	265841	157.45	ug/l	99
29) Tetrahydrofuran	5.17	42	845041	824.60	ug/l	100
30) Chloroform	5.23	83	710893	171.38	ug/l	98
31) Cyclohexane	5.58	56	629941	172.86	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	661979	179.25	ug/l	99
36) 1,1-Dichloropropene	5.81	75	552046	170.85	ug/l	99
37) Ethyl Acetate	4.87	43	523740	173.98	ug/l	100
38) Carbon Tetrachloride	5.79	117	601620	178.86	ug/l	99

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ClientSampleId :
VSTDICC150

Quant Time: Apr 20 04:27:41 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	663915	171.93	ug/l	99
40) Benzene	6.15	78	1572717	174.48	ug/l	100
41) Methacrylonitrile	5.07	41	313754	166.41	ug/l	99
42) 1,2-Dichloroethane	6.21	62	574728	164.18	ug/l	99
43) Isopropyl Acetate	6.48	43	920277	180.73	ug/l	100
44) Trichloroethene	7.22	130	478389	168.43	ug/l	98
45) 1,2-Dichloropropane	7.52	63	404923	172.84	ug/l	100
46) Dibromomethane	7.67	93	277099	171.53	ug/l	99
47) Bromodichloromethane	7.91	83	555266	185.60	ug/l	98
48) Methyl methacrylate	7.79	41	490278	171.55	ug/l	99
49) 1,4-Dioxane	7.77	88	147468	3788.35	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2805479	908.96	ug/l	99
52) Toluene	8.79	92	1045809	176.77	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	677224	188.61	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	663846	193.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	414455	180.10	ug/l	99
56) Ethyl methacrylate	9.19	69	652983	187.25	ug/l	98
57) 1,3-Dichloropropane	9.38	76	673304	177.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1534509	965.43	ug/l	99
59) 2-Hexanone	9.51	43	2154073	910.04	ug/l	98
60) Dibromochloromethane	9.59	129	496813	195.76	ug/l	99
61) 1,2-Dibromoethane	9.68	107	448598	180.38	ug/l	100
64) Tetrachloroethene	9.34	164	471024	162.15	ug/l	98
65) Chlorobenzene	10.15	112	1231918	171.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	462892	185.11	ug/l	99
67) Ethyl Benzene	10.26	91	2054620	174.34	ug/l	99
68) m/p-Xylenes	10.37	106	1639051	350.85	ug/l	98
69) o-Xylene	10.71	106	792135	174.20	ug/l	99
70) Styrene	10.72	104	1346394	178.95	ug/l	99
71) Bromoform	10.87	173	437861	203.73	ug/l	99
73) Isopropylbenzene	11.02	105	2131802	167.40	ug/l	99
74) N-amyl acetate	6.48	43	920277	173.10	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	638493	177.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	760053	192.12	ug/l	89
77) Bromobenzene	11.26	156	625676	167.95	ug/l	100
78) n-propylbenzene	11.37	91	2405557	163.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	1426748	163.73	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1835632	169.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	208130	206.85	ug/l	92
82) 4-Chlorotoluene	11.52	91	1727267	164.65	ug/l	100
83) tert-Butylbenzene	11.78	119	1893196	170.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1890804	171.56	ug/l	100
85) sec-Butylbenzene	11.95	105	2185971	163.76	ug/l	99
86) p-Isopropyltoluene	12.07	119	2047772	166.40	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	1163953	166.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1180728	165.97	ug/l	99
89) n-Butylbenzene	12.40	91	1815826	163.53	ug/l	99
90) Hexachloroethane	12.60	117	349570	196.49	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	1139794	168.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	143522	191.18	ug/l	99

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

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Instrument :
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VSTDICC150

Quant Time: Apr 20 04:27:41 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

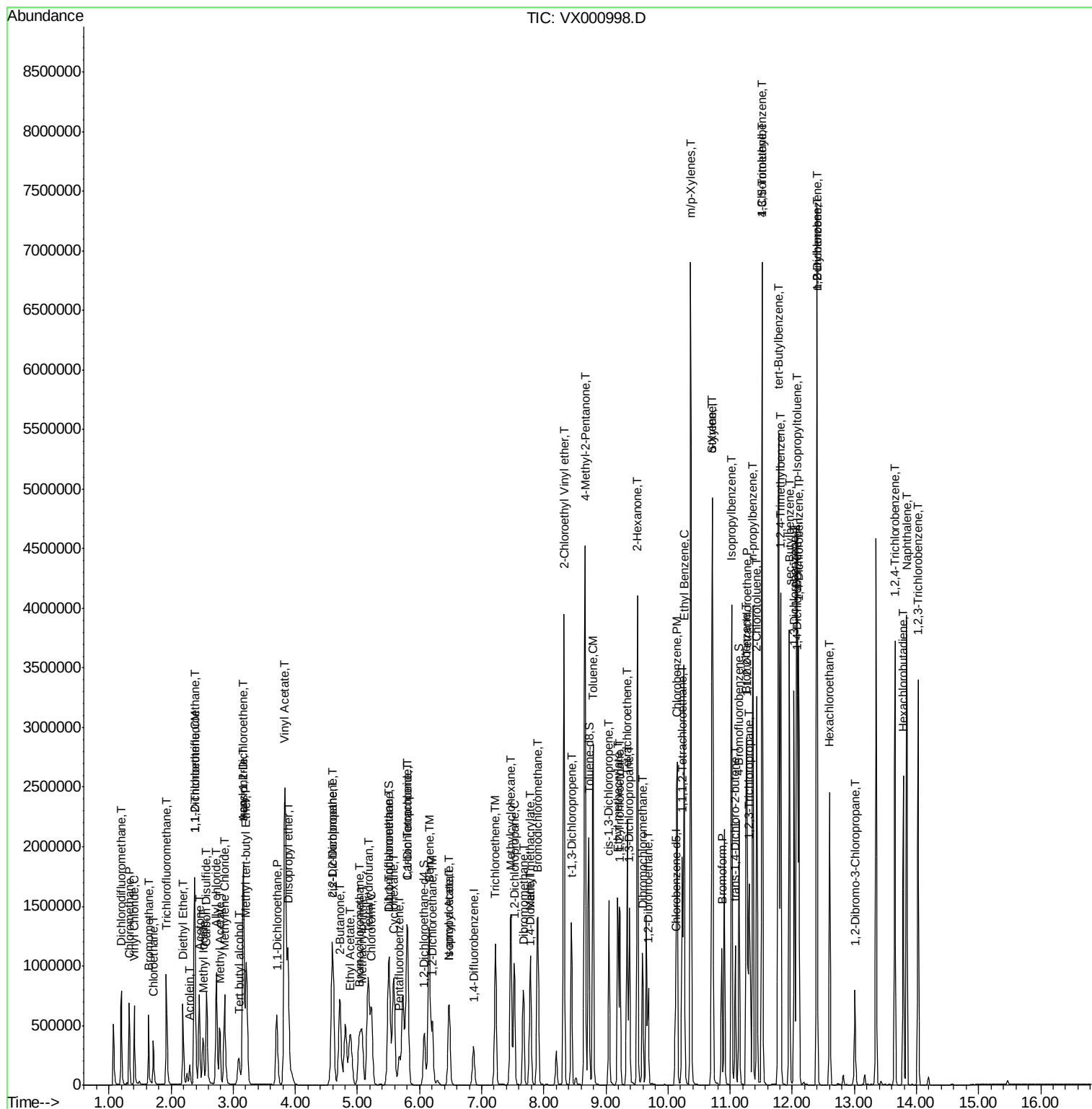
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	959708	160.89	ug/l	100
94) Hexachlorobutadiene	13.79	225	432003	162.74	ug/l	99
95) Naphthalene	13.84	128	2428433	173.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	923133	165.79	ug/l	99

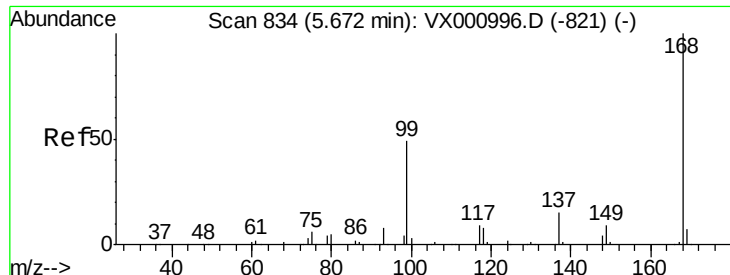
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 7 Sample Multiplier: 1

VSTDICC150

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: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

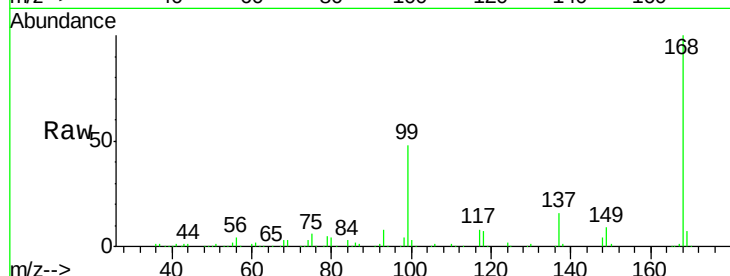
VSTDIC150

Tgt Ion:168 Resp: 254055

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

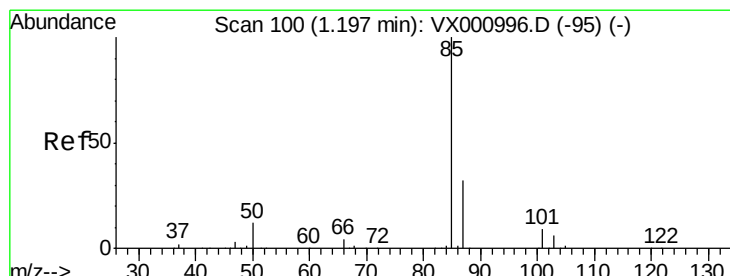
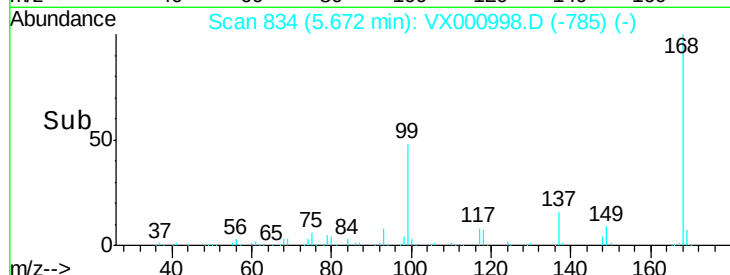
50000

0

5.50 5.60 5.70 5.80 5.90

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 202.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000998.D

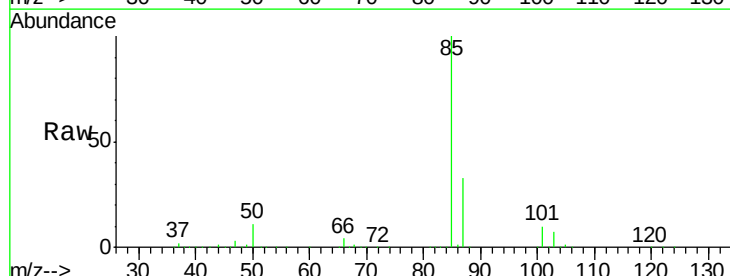
Acq: 19 Apr 2018 19:20

Tgt Ion: 85 Resp: 490654

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

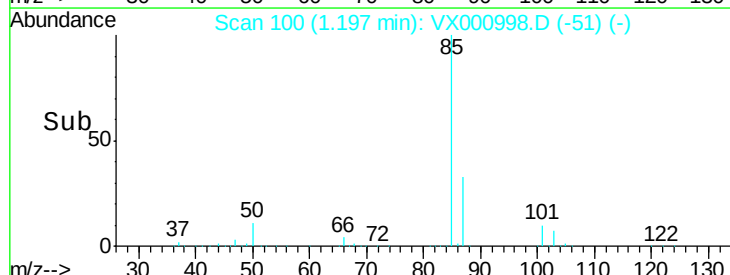
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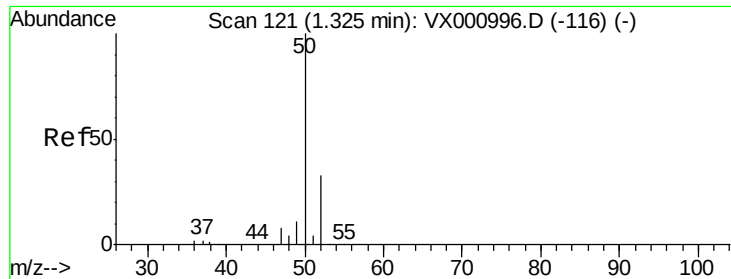
0

1.10 1.20 1.30 1.40

1.20

Time-->





#3

Chloromethane

Concen: 175.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

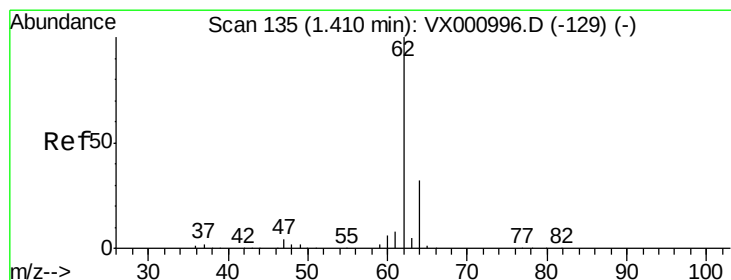
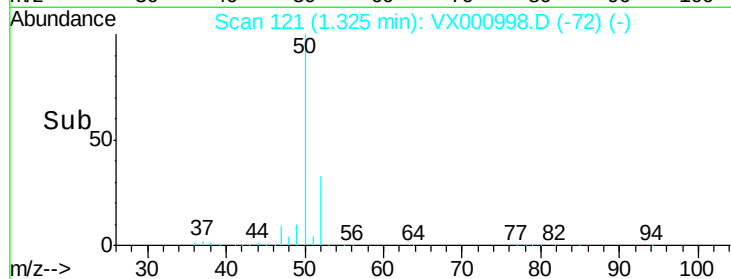
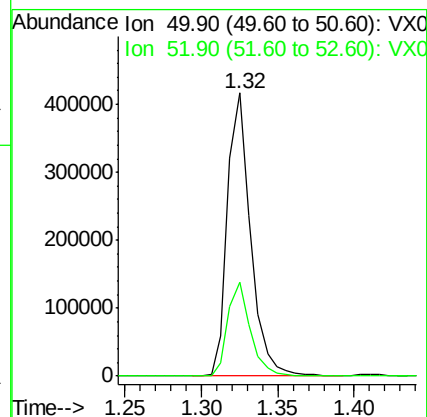
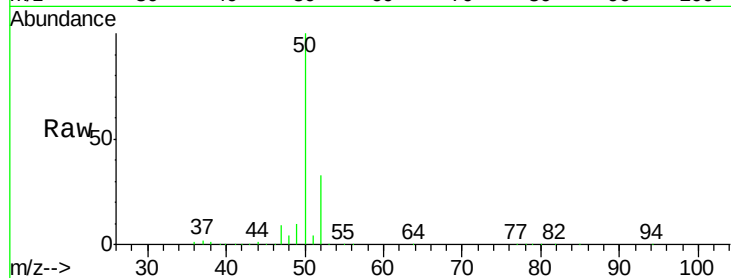
VSTDIC150

Tgt Ion: 50 Resp: 436815

Ion Ratio Lower Upper

50 100

52 33.1 26.3 39.5



#4

Vinyl Chloride

Concen: 182.02 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000998.D

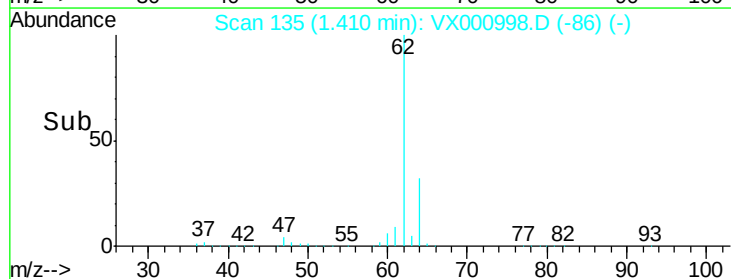
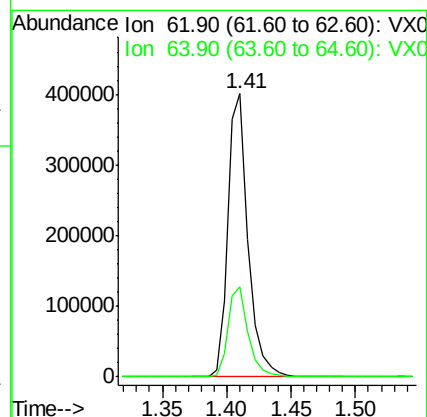
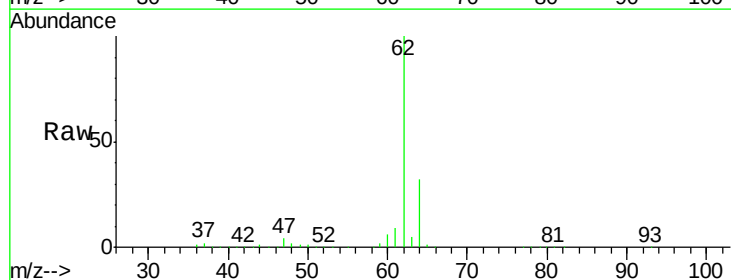
Acq: 19 Apr 2018 19:20

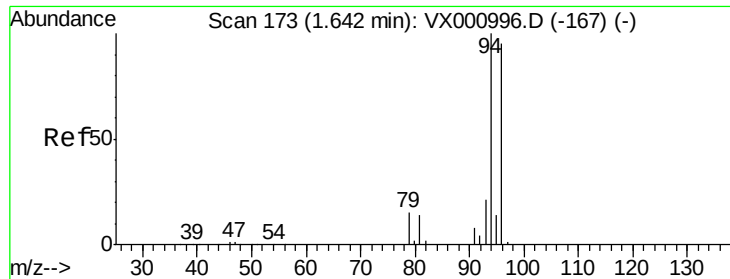
Tgt Ion: 62 Resp: 441988

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 129.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

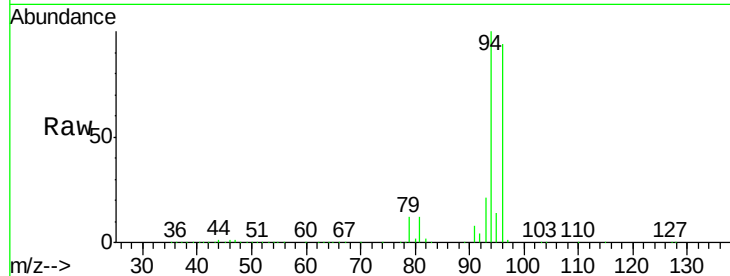
VSTDIC150

Tgt Ion: 94 Resp: 207645

Ion Ratio Lower Upper

94 100

96 94.2 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

200000

150000

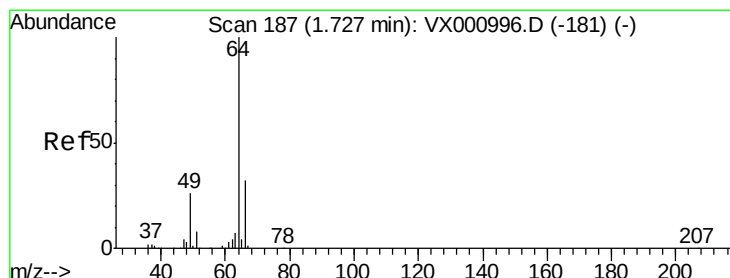
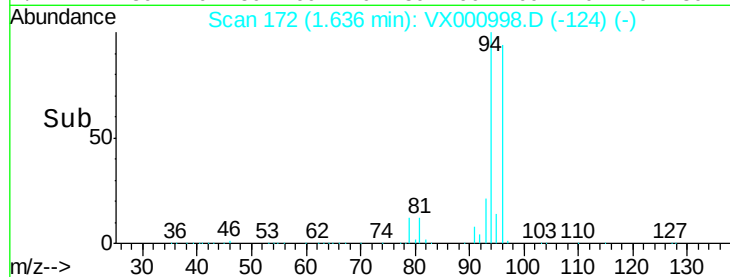
100000

50000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 145.39 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000998.D

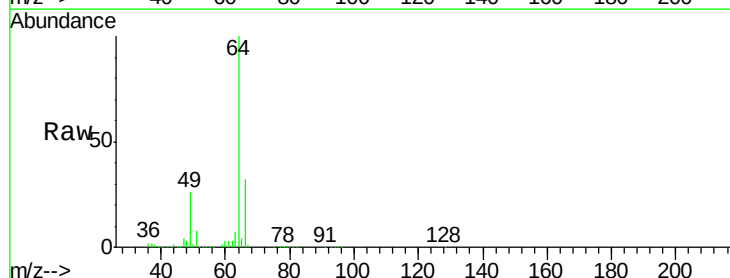
Acq: 19 Apr 2018 19:20

Tgt Ion: 64 Resp: 248138

Ion Ratio Lower Upper

64 100

66 32.0 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

200000

150000

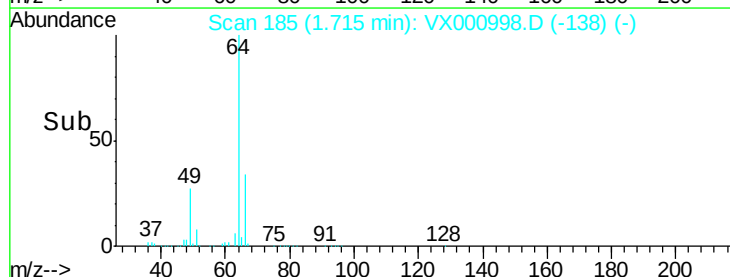
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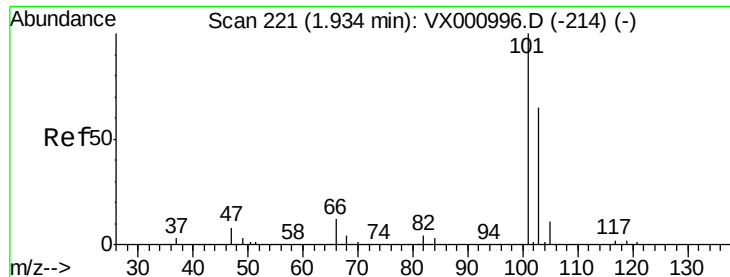
50000

0

Time-->

1.60 1.70 1.80



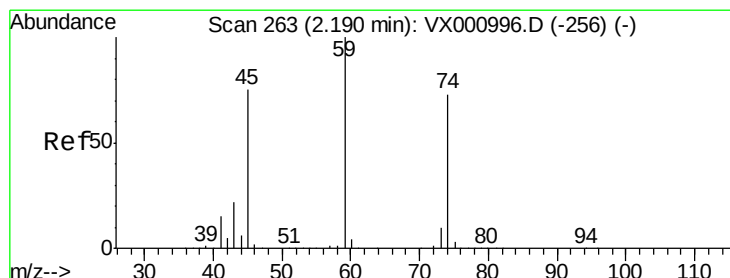
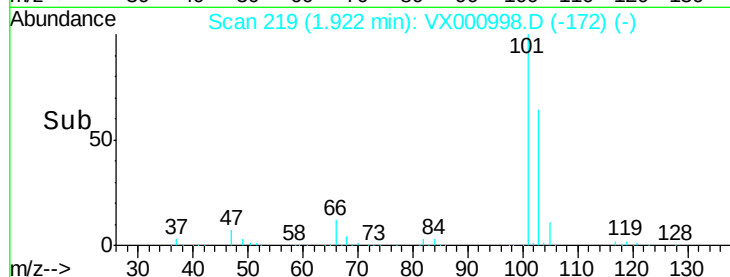
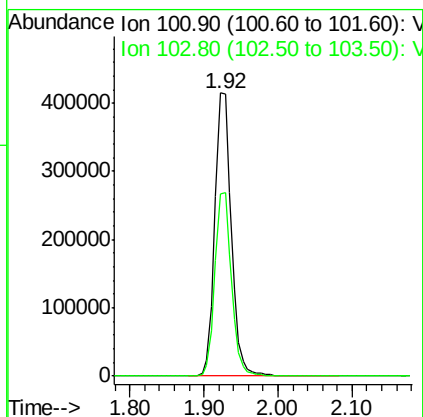
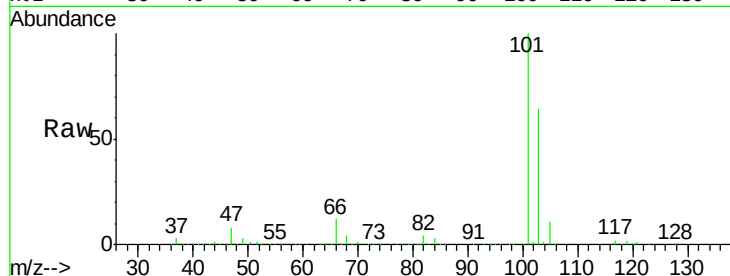


#7

Trichlorofluoromethane
 Concen: 171.64 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

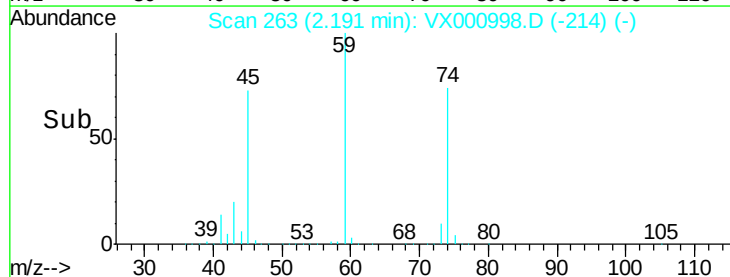
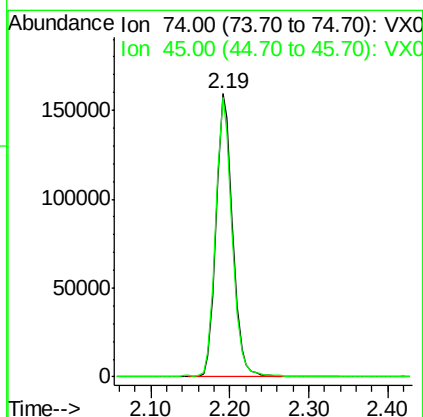
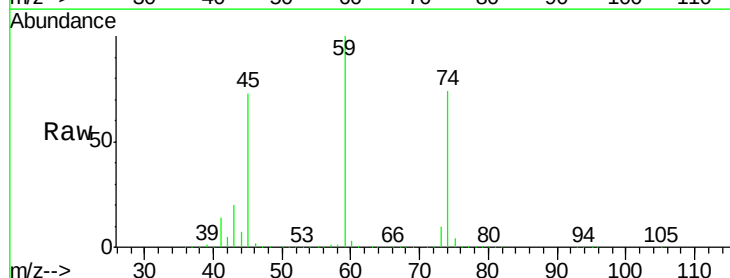
Tgt Ion:101 Resp: 630647
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8

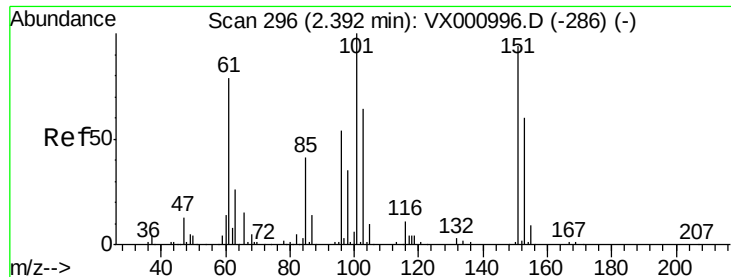


#8

Diethyl Ether
 Concen: 165.47 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 74 Resp: 232718
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 166.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

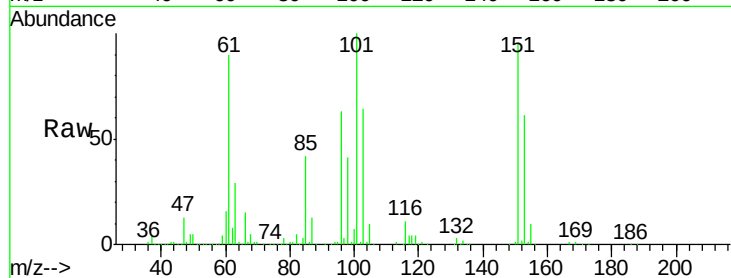
Tgt Ion:101 Resp: 366529

Ion Ratio Lower Upper

101 100

85 42.6 33.9 50.9

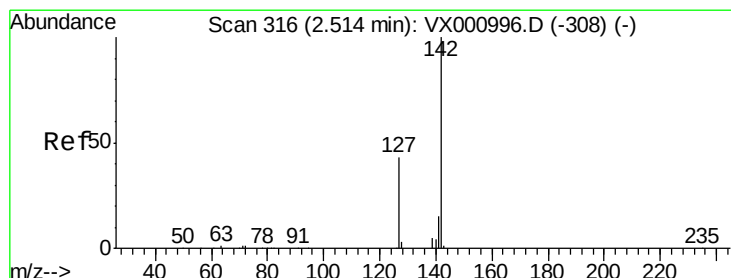
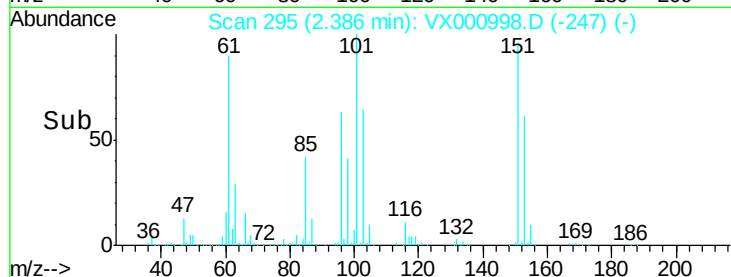
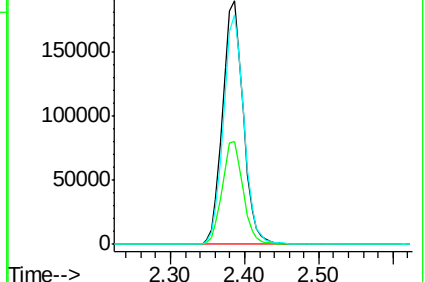
151 93.8 73.5 110.3



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: 225.50 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

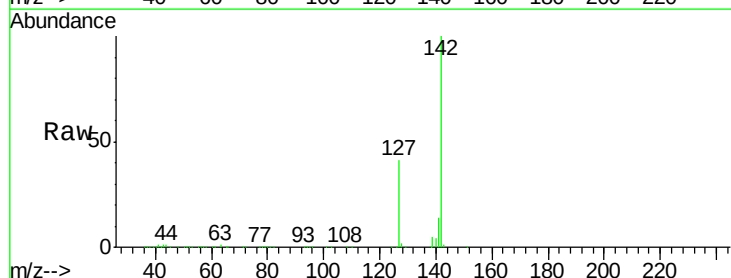
Tgt Ion:142 Resp: 447134

Ion Ratio Lower Upper

142 100

127 40.7 34.0 51.0

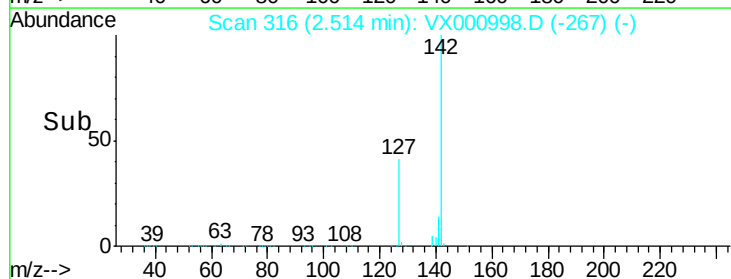
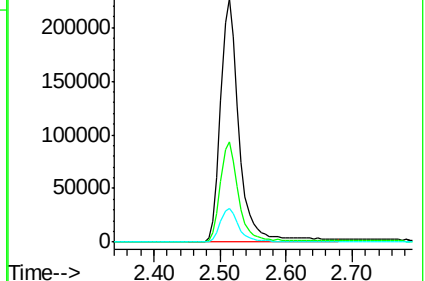
141 13.8 11.4 17.2

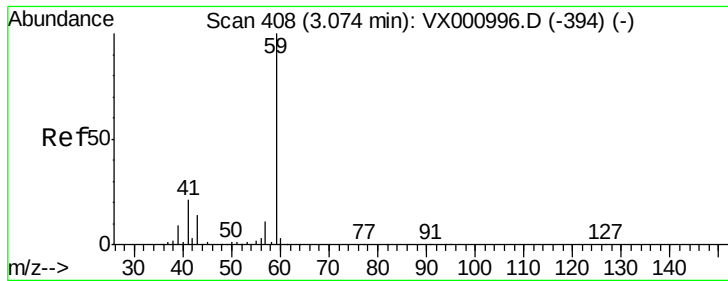


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

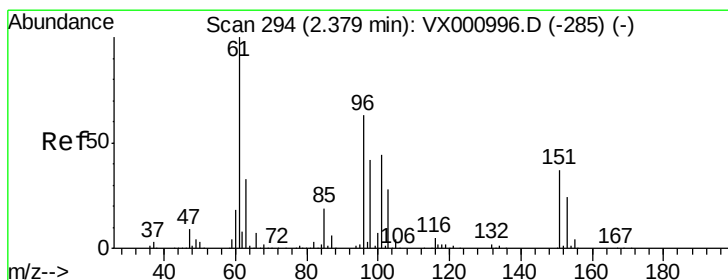
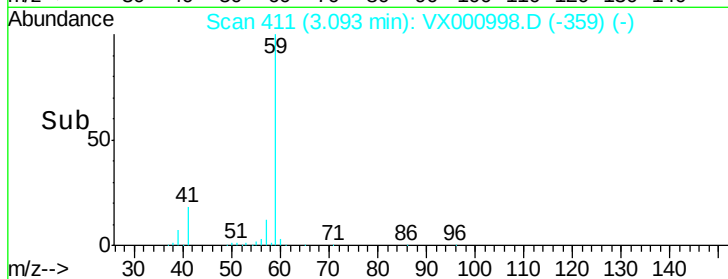
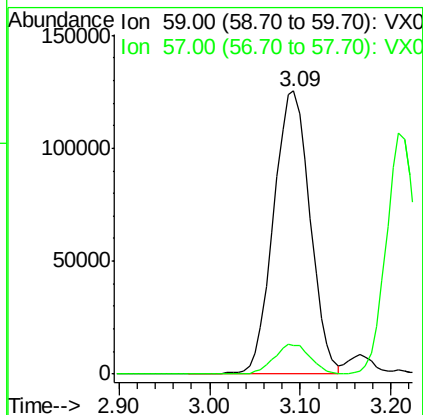
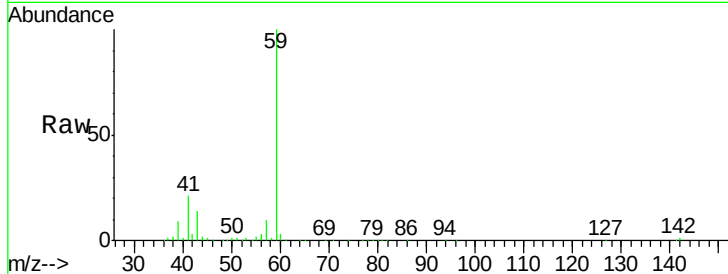




#11
Tert butyl alcohol
Concen: 838.55 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.02 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

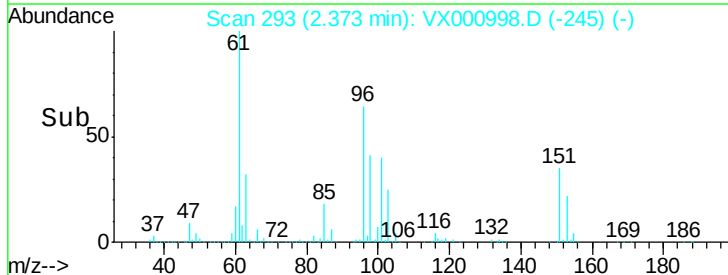
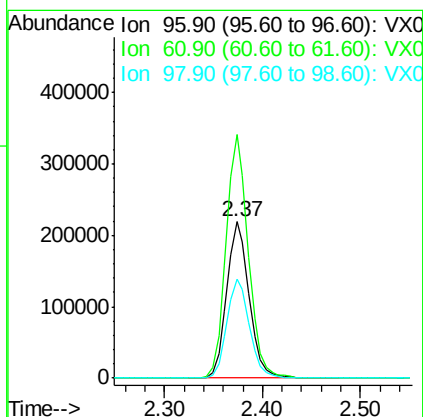
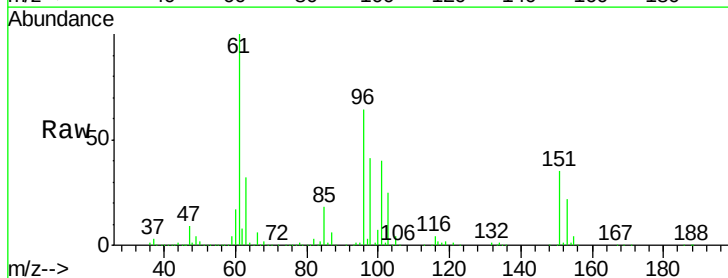
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

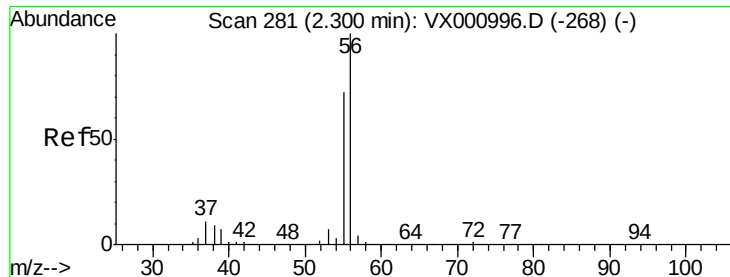
Tgt Ion: 59 Resp: 350299
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 165.25 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 96 Resp: 346442
Ion Ratio Lower Upper
96 100
61 155.8 126.4 189.6
98 63.6 52.6 78.8





#13

Acrolein

Concen: 1379.17 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

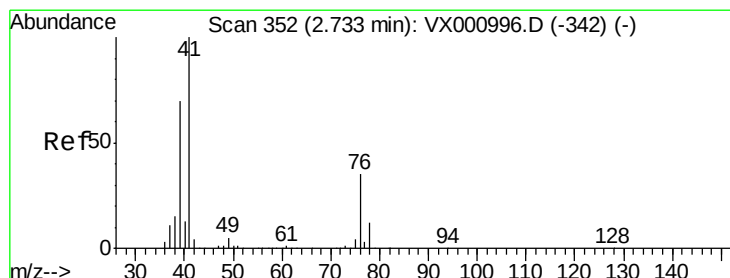
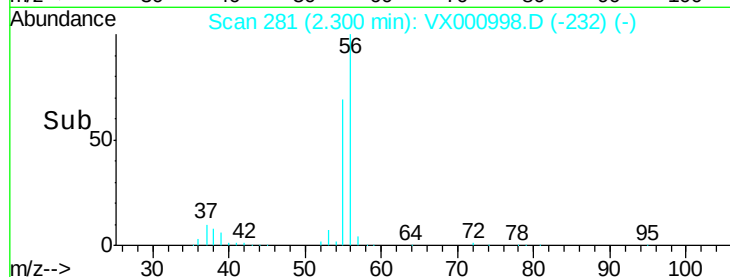
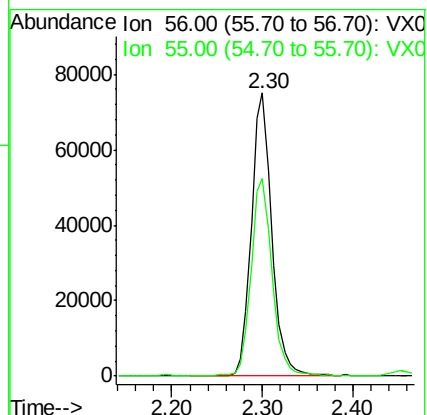
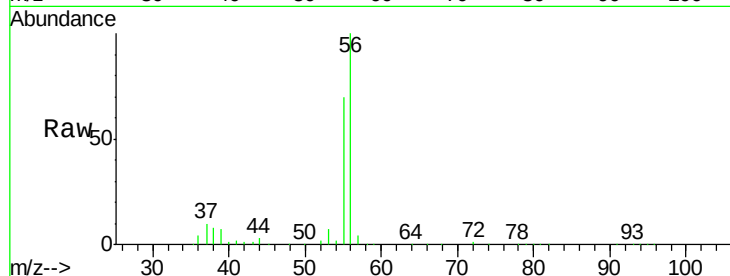
VSTDIC150

Tgt Ion: 56 Resp: 117237

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.2



#14

Allyl chloride

Concen: 163.23 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

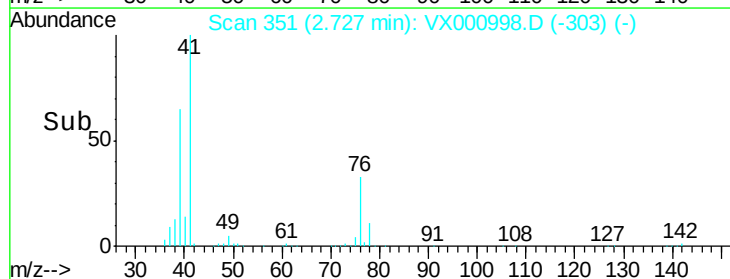
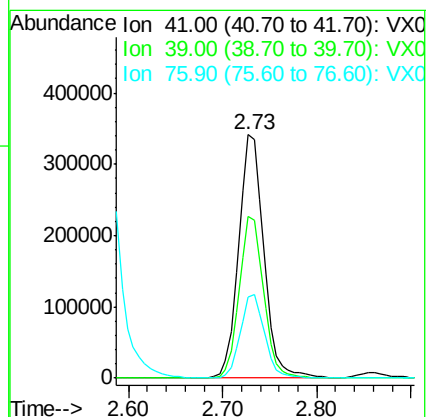
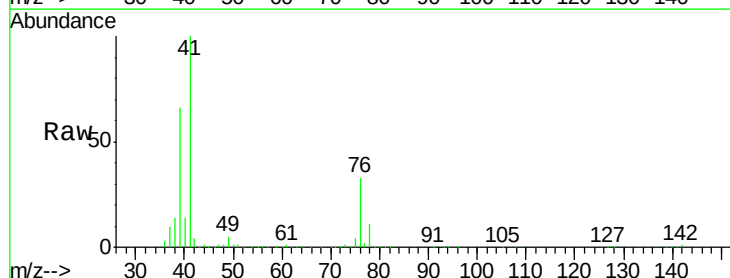
Tgt Ion: 41 Resp: 637504

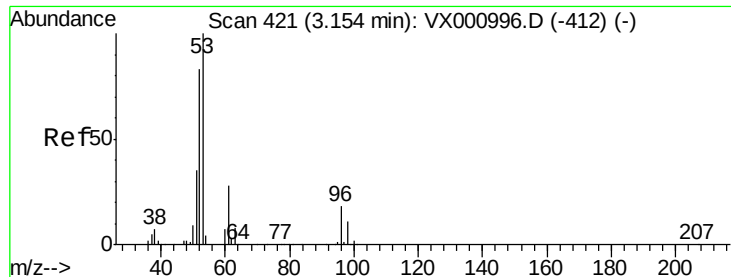
Ion Ratio Lower Upper

41 100

39 64.4 53.0 79.6

76 32.8 25.9 38.9





#15

Acrylonitrile

Concen: 834.88 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

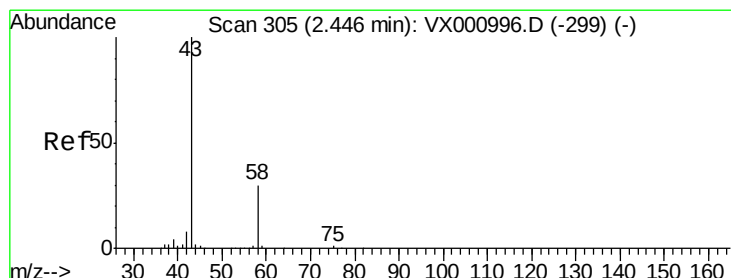
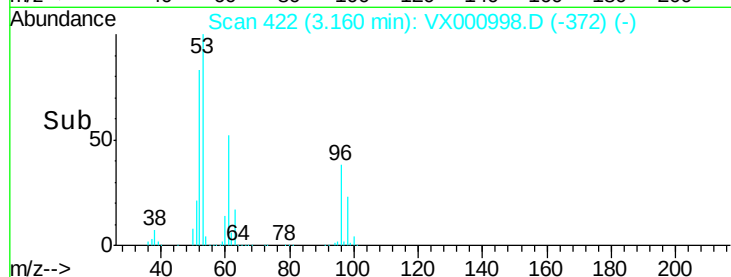
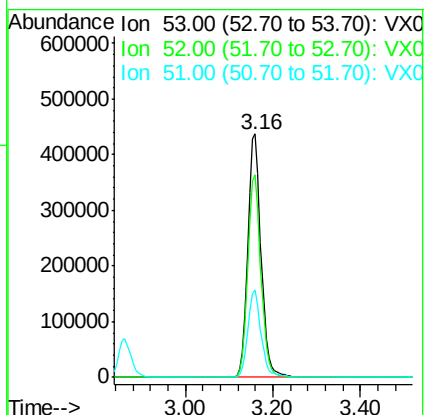
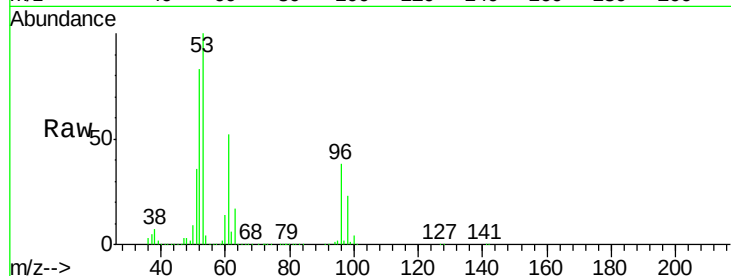
Tgt Ion: 53 Resp: 921955

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

51 35.8 29.0 43.6



#16

Acetone

Concen: 754.84 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000998.D

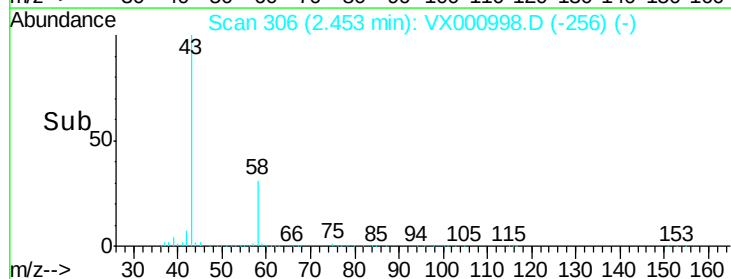
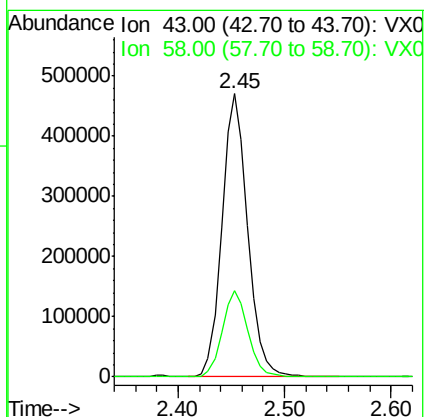
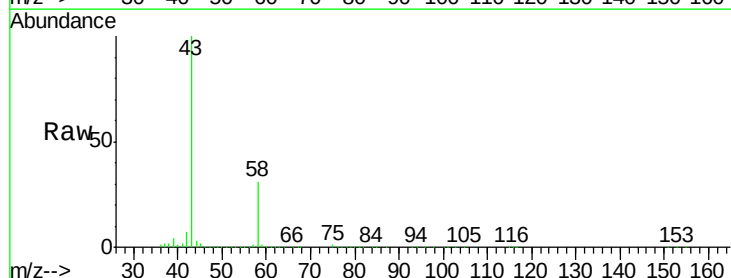
Acq: 19 Apr 2018 19:20

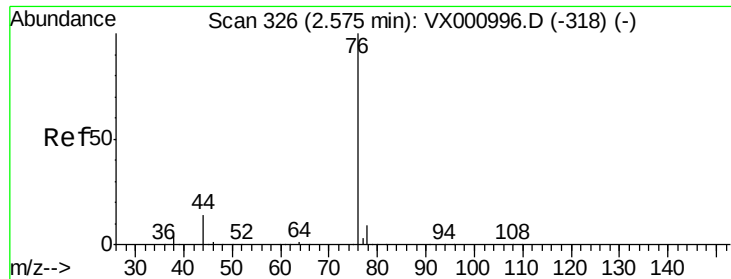
Tgt Ion: 43 Resp: 788552

Ion Ratio Lower Upper

43 100

58 30.7 23.7 35.5





#17

Carbon Disulfide

Concen: 159.03 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

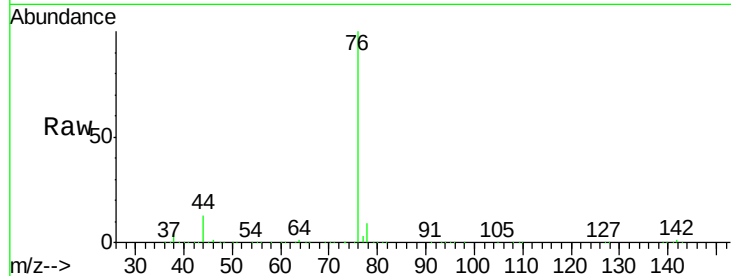
VSTDIC150

Tgt Ion: 76 Resp: 1037353

Ion Ratio Lower Upper

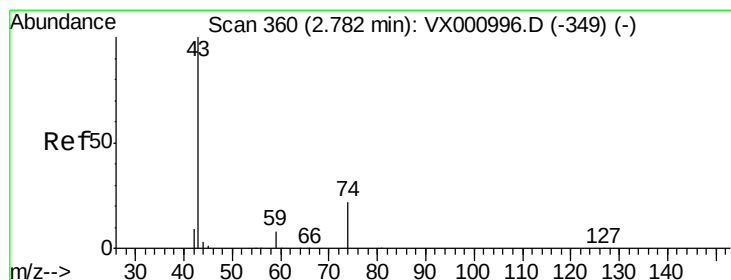
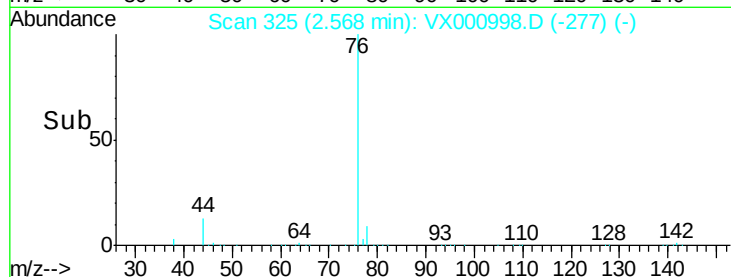
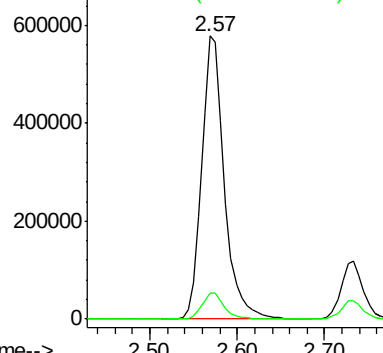
76 100

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



#18

Methyl Acetate

Concen: 202.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000998.D

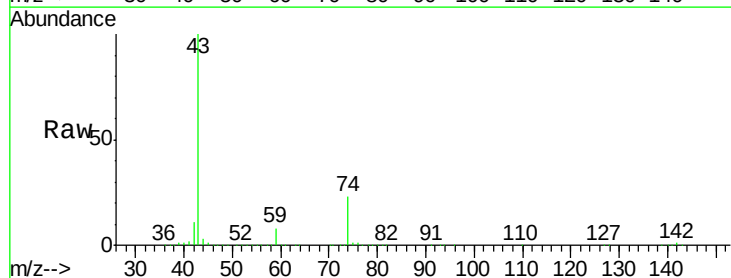
Acq: 19 Apr 2018 19:20

Tgt Ion: 43 Resp: 547373

Ion Ratio Lower Upper

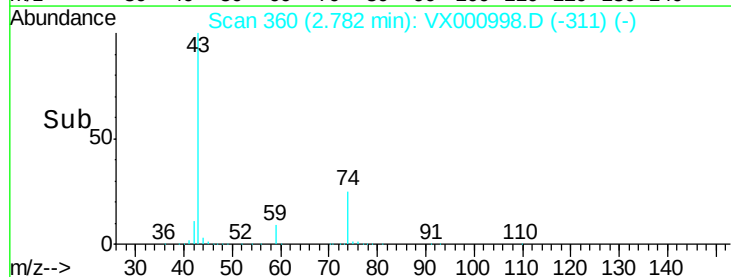
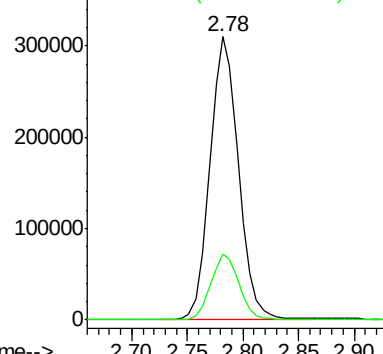
43 100

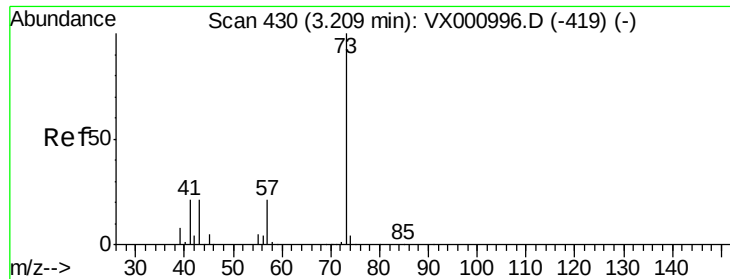
74 23.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 168.44 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

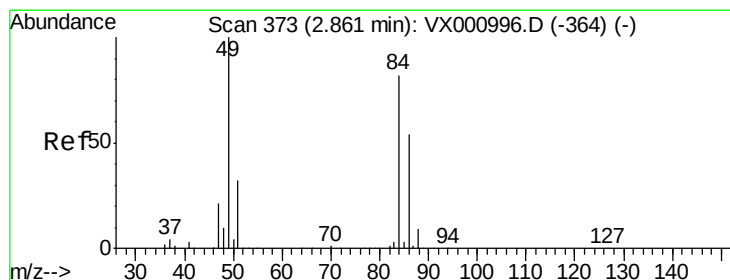
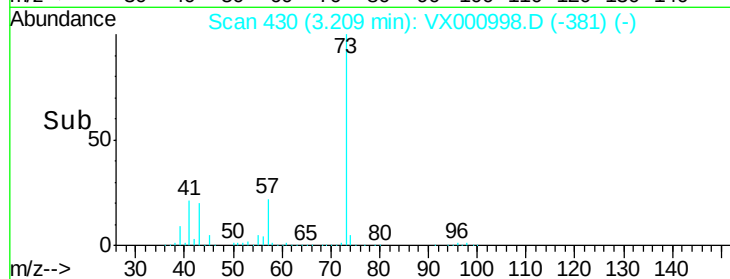
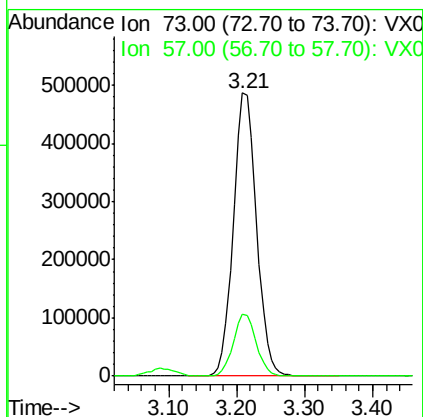
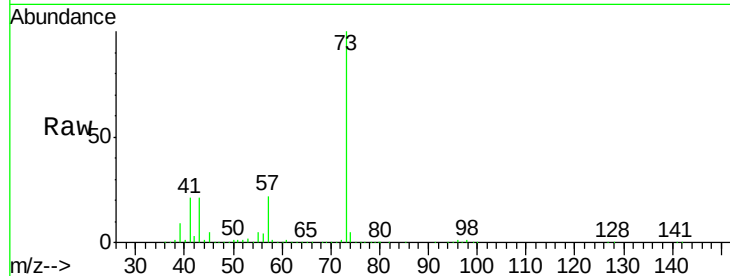
VSTDIC150

Tgt Ion: 73 Resp: 1150450

Ion Ratio Lower Upper

73 100

57 21.9 17.1 25.7



#20

Methylene Chloride

Concen: 151.04 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Tgt Ion: 84 Resp: 370372

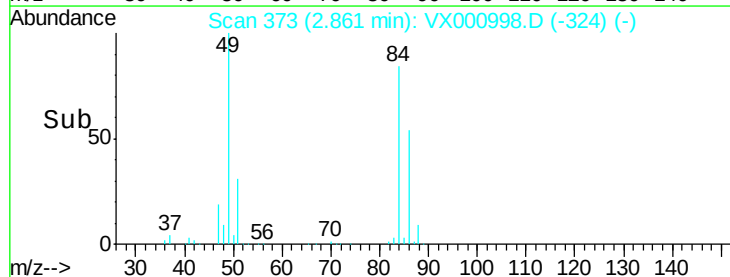
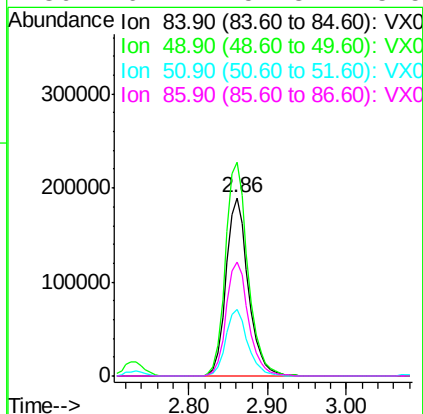
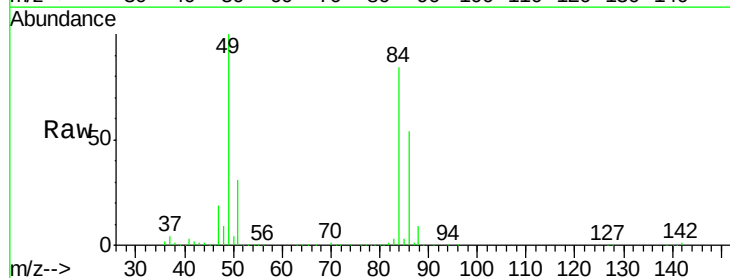
Ion Ratio Lower Upper

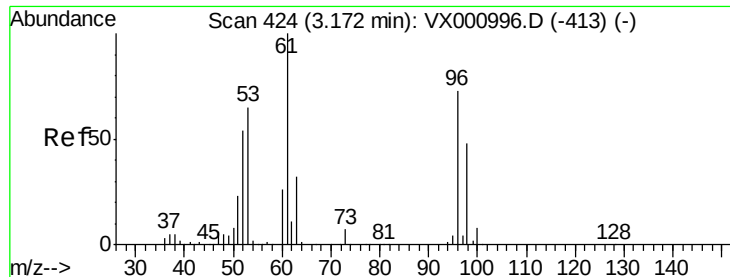
84 100

49 119.7 97.1 145.7

51 37.1 30.8 46.2

86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 159.92 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

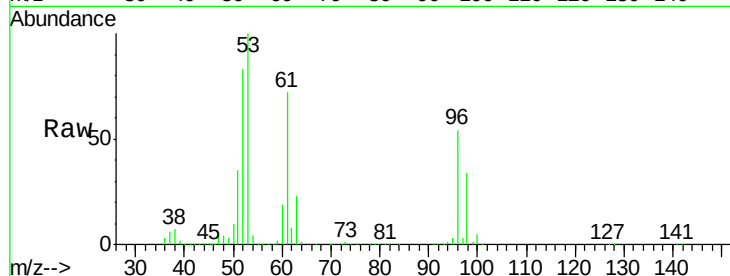
Tgt Ion: 96 Resp: 379056

Ion Ratio Lower Upper

96 100

61 132.7 109.4 164.2

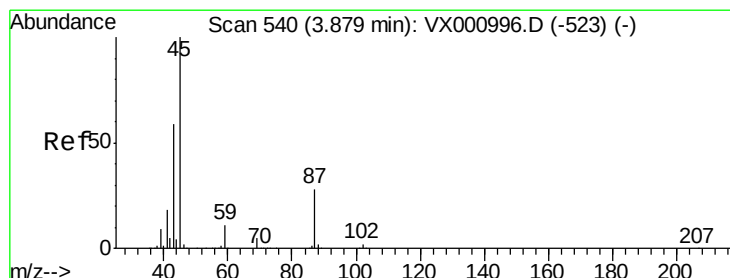
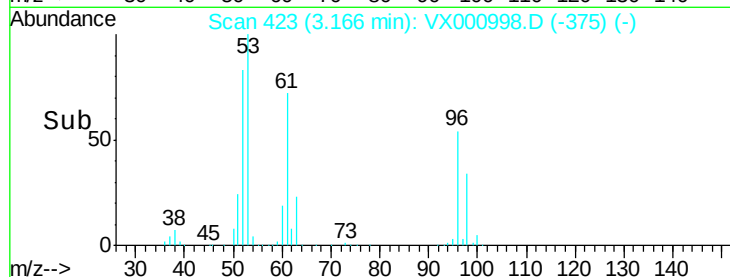
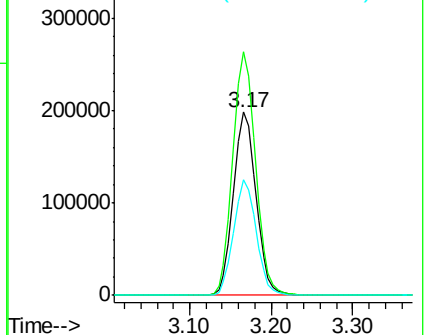
98 63.2 52.6 78.8



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: 168.09 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Tgt Ion: 45 Resp: 1255475

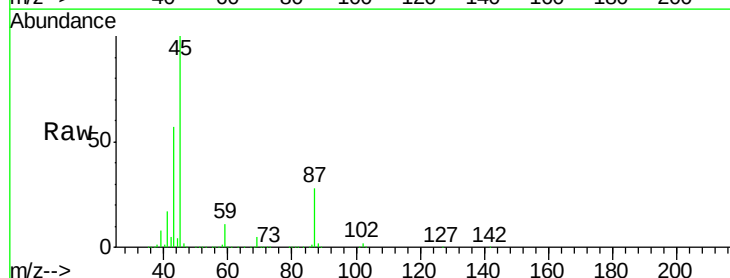
Ion Ratio Lower Upper

45 100

43 57.2 47.0 70.4

87 28.3 22.5 33.7

59 11.4 8.8 13.2

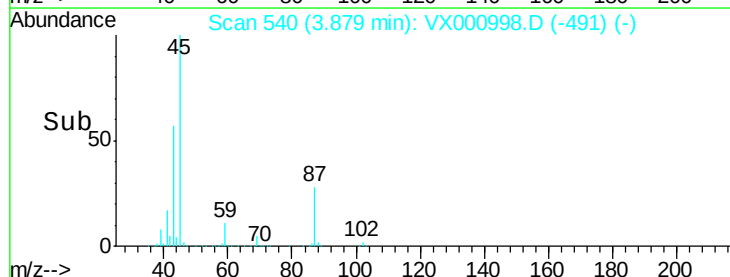
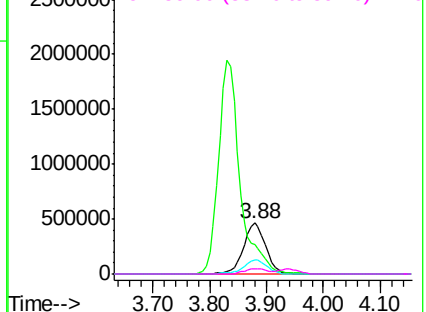


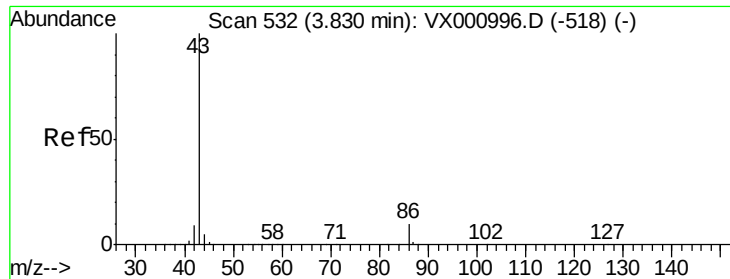
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 838.17 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

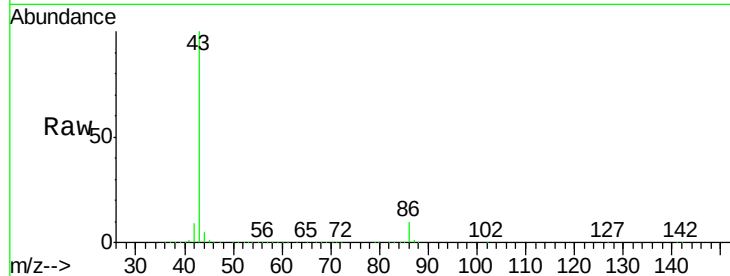
VSTDIC150

Tgt Ion: 43 Resp: 5108972

Ion Ratio Lower Upper

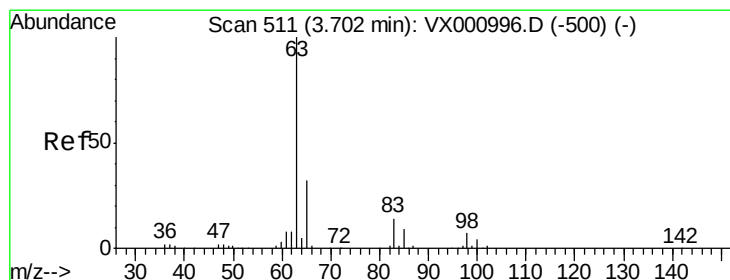
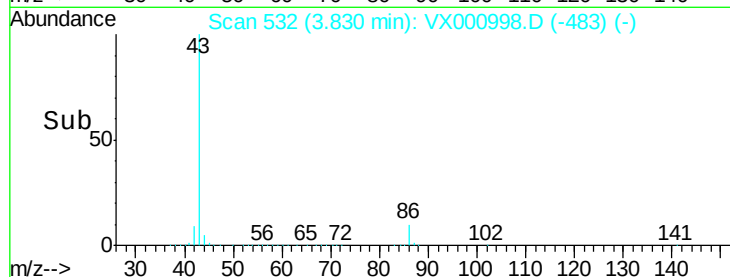
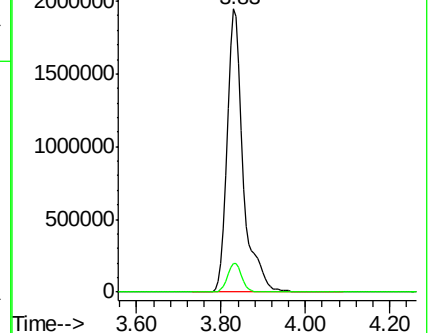
43 100

86 10.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 168.73 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

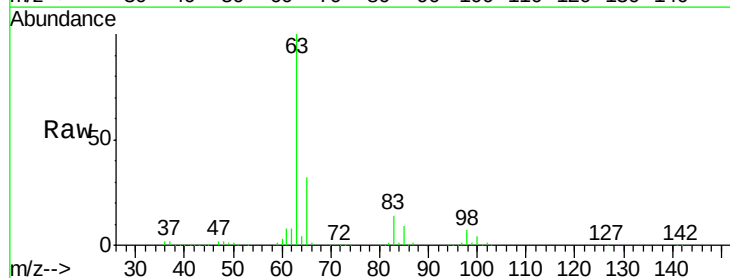
Tgt Ion: 63 Resp: 679461

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

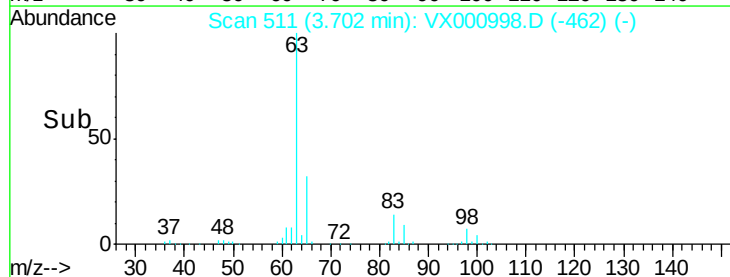
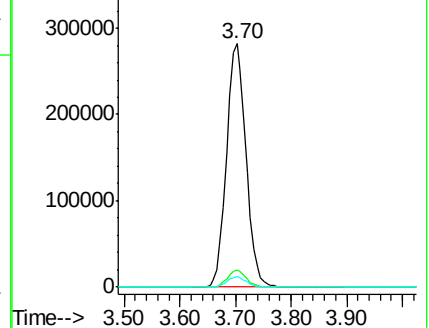
100 4.3 2.1 6.3

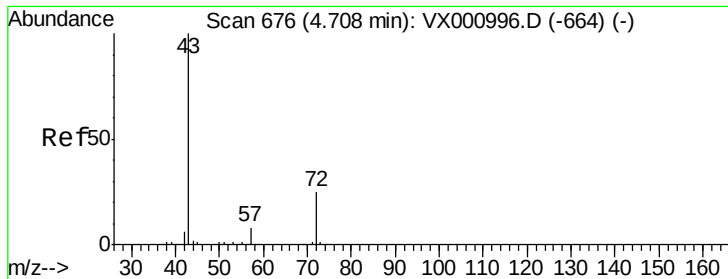


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 826.06 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

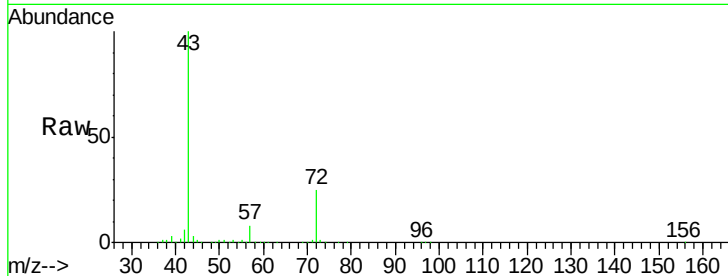
VSTDIC150

Tgt Ion: 43 Resp: 1328259

Ion Ratio Lower Upper

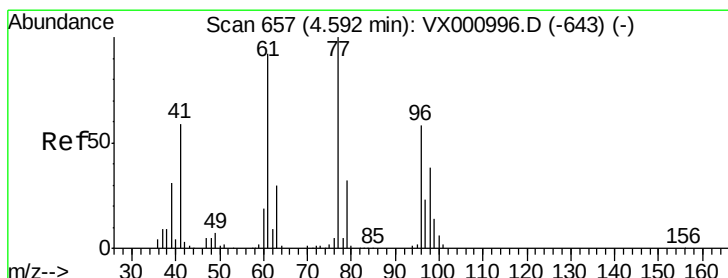
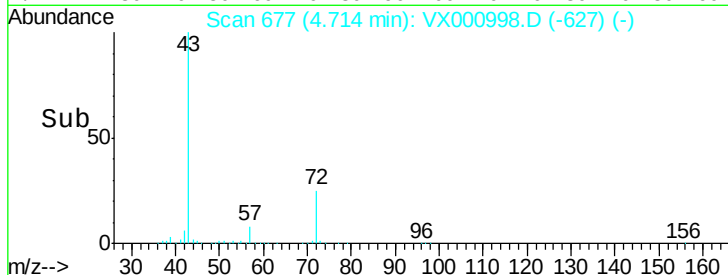
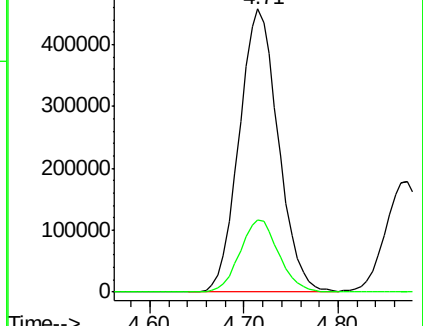
43 100

72 25.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 170.97 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000998.D

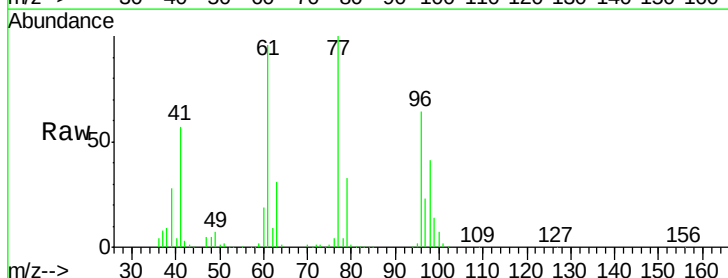
Acq: 19 Apr 2018 19:20

Tgt Ion: 77 Resp: 604077

Ion Ratio Lower Upper

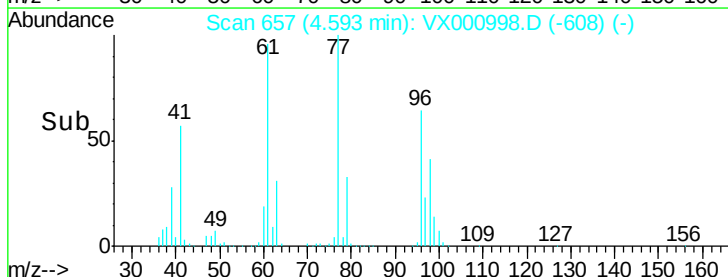
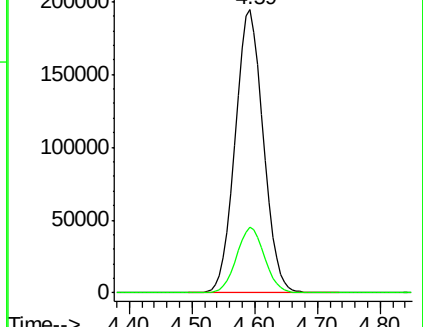
77 100

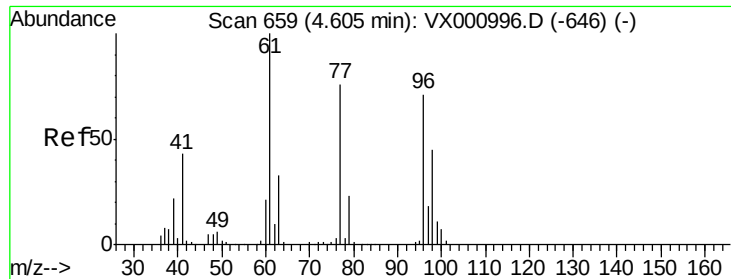
97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



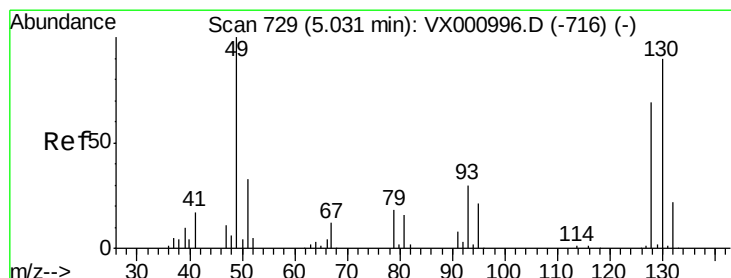
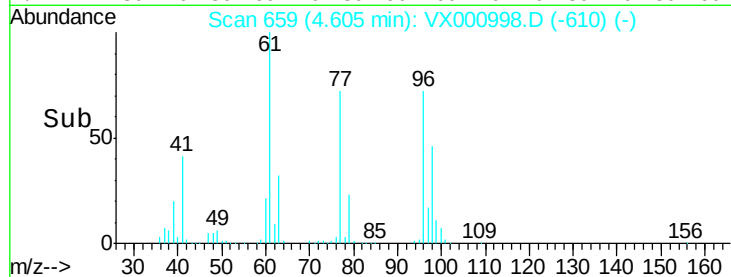
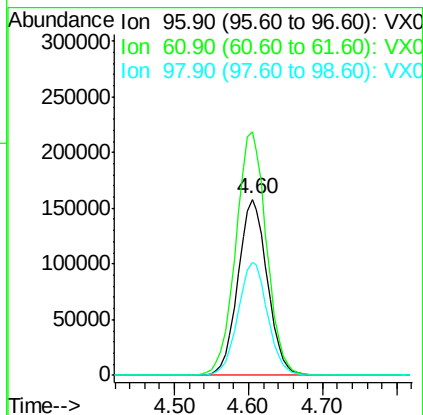
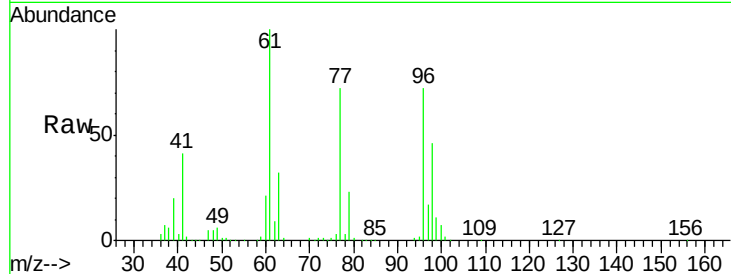


#27

cis-1,2-Dichloroethene
Concen: 170.34 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

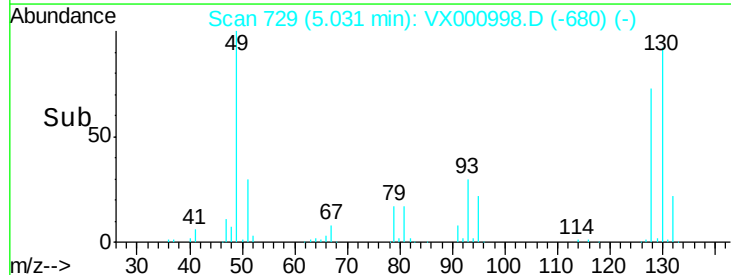
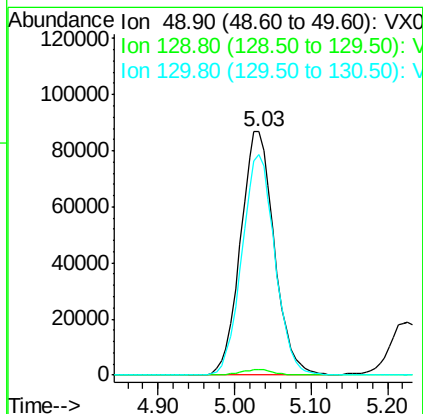
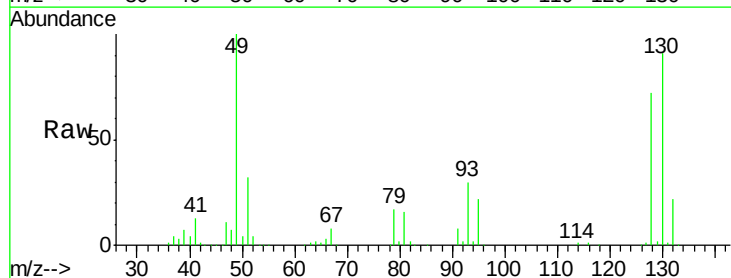
Tgt Ion: 96 Resp: 436881
Ion Ratio Lower Upper
96 100
61 144.8 0.0 297.0
98 64.8 0.0 130.0

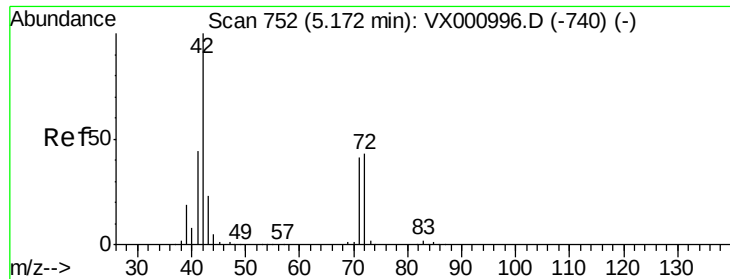


#28

Bromochloromethane
Concen: 157.45 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 49 Resp: 265841
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 88.7 70.6 105.8

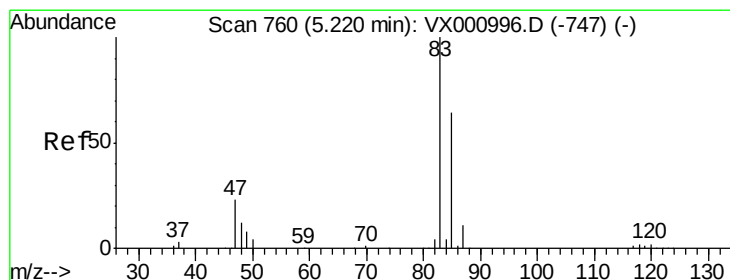
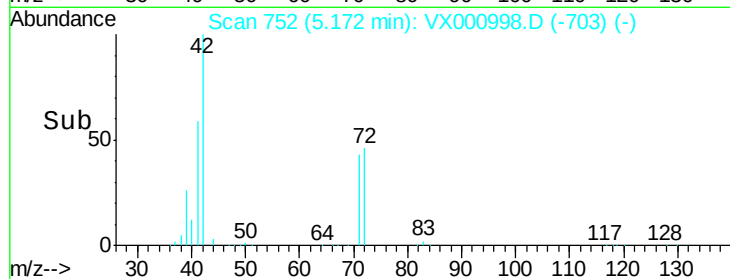
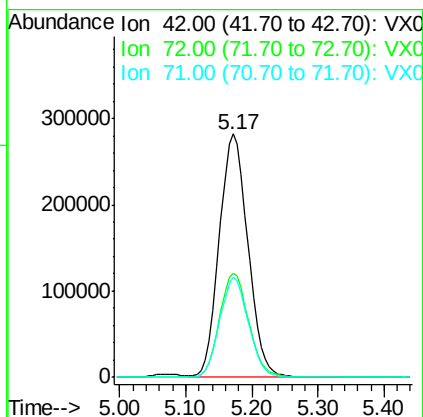
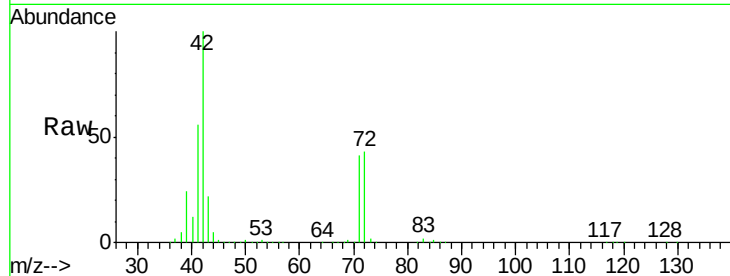




#29
Tetrahydrofuran
Concen: 824.60 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

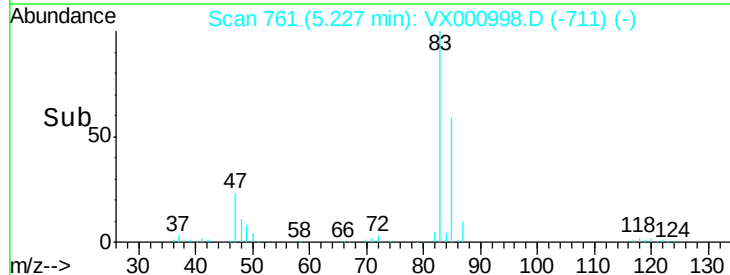
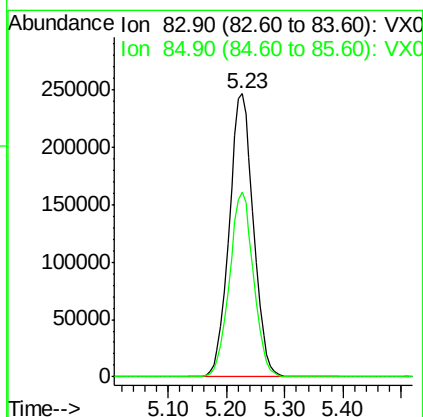
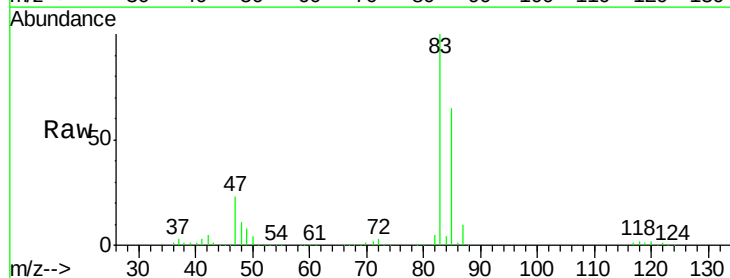
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

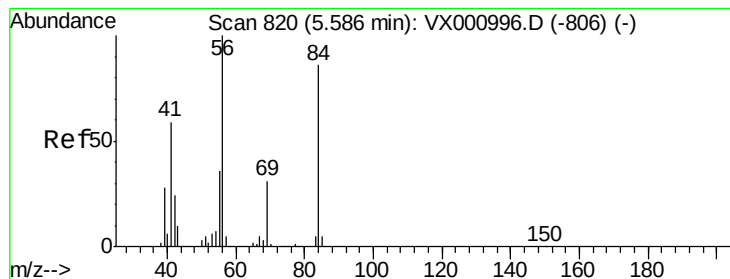
Tgt Ion: 42 Resp: 845041
Ion Ratio Lower Upper
42 100
72 43.6 34.6 52.0
71 40.9 32.6 49.0



#30
Chloroform
Concen: 171.38 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 83 Resp: 710893
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9





#31

Cyclohexane

Concen: 172.86 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

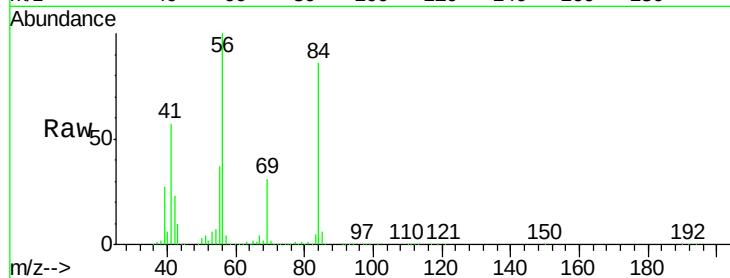
Tgt Ion: 56 Resp: 629941

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

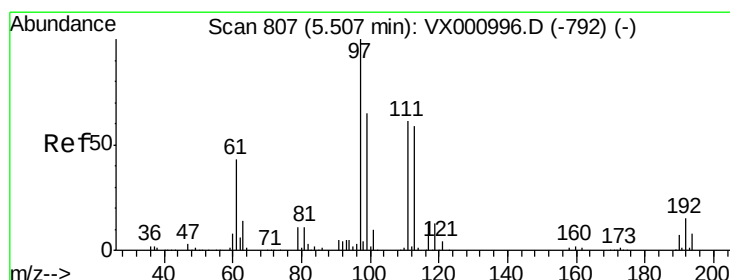
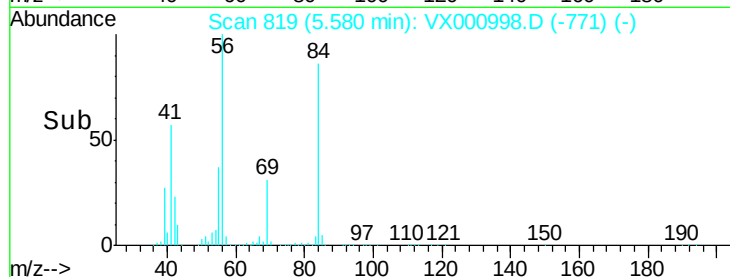
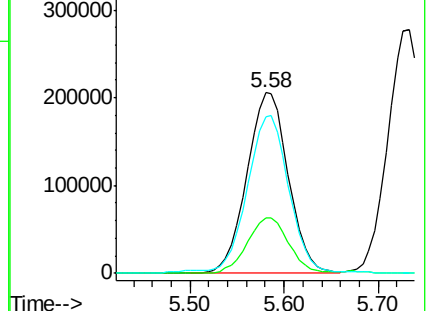
84 85.4 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 179.25 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

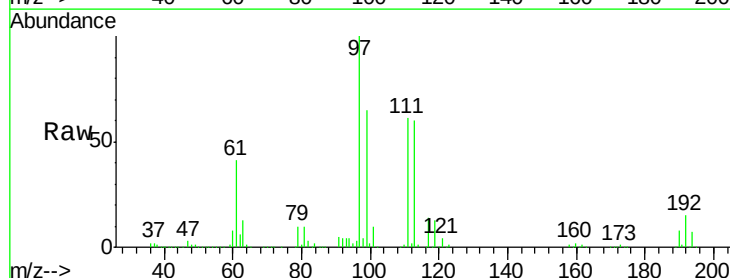
Tgt Ion: 97 Resp: 661979

Ion Ratio Lower Upper

97 100

99 64.5 51.1 76.7

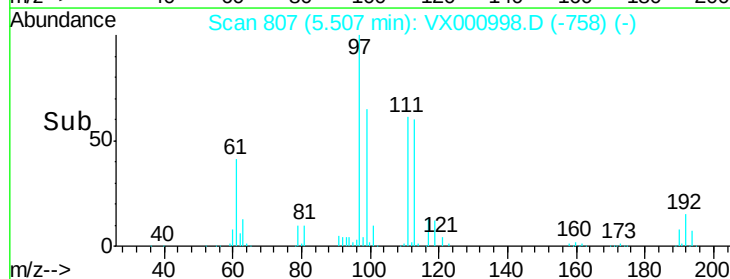
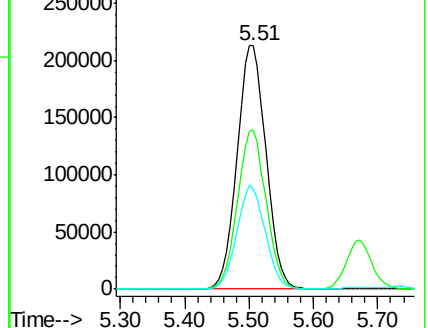
61 41.8 34.4 51.6

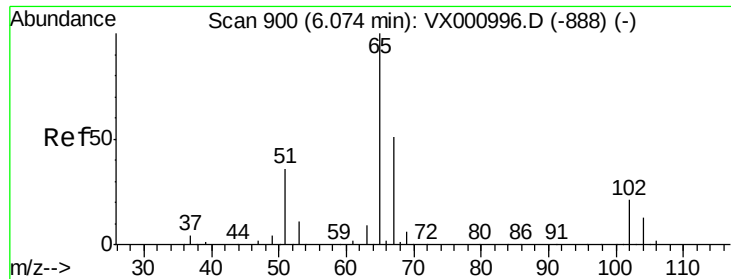


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

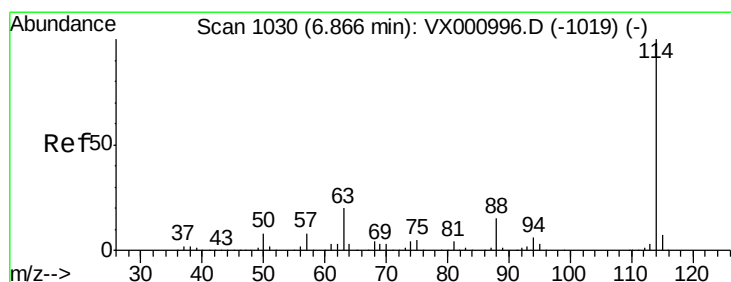
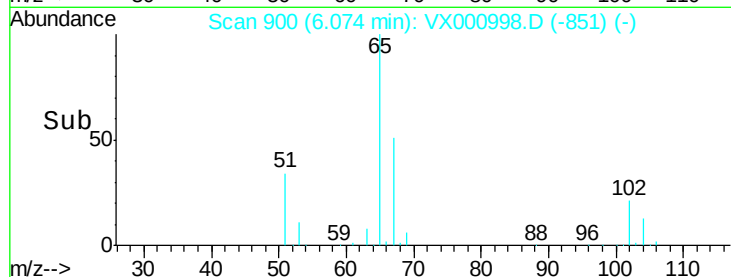
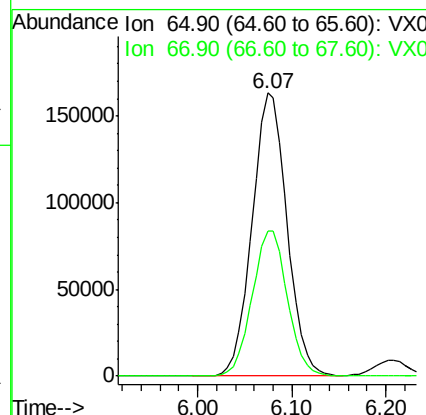
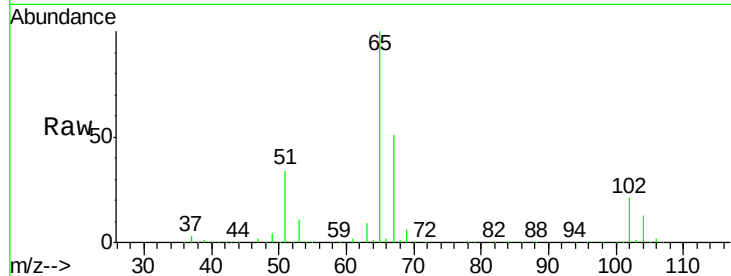




#33
 1,2-Dichloroethane-d4
 Concen: 131.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

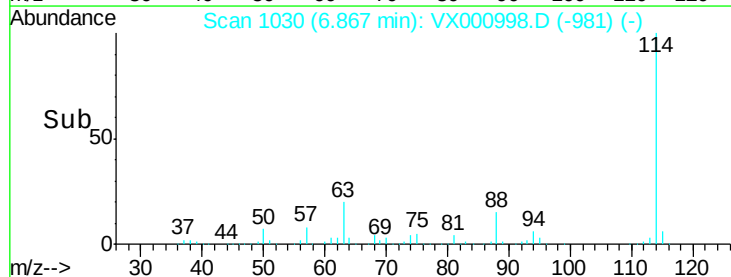
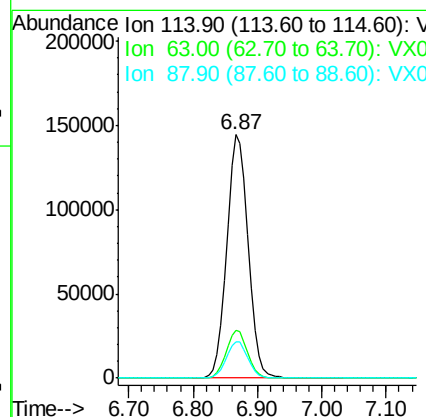
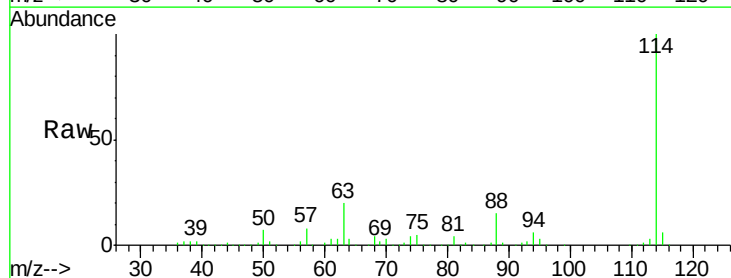
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

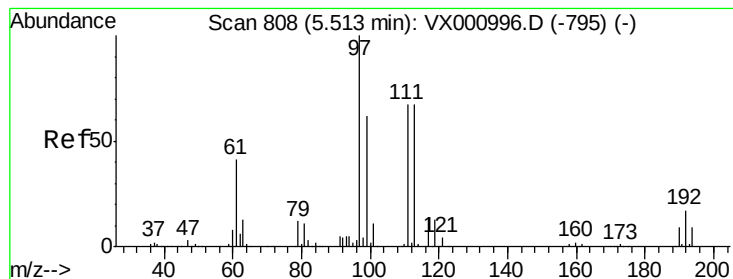
Tgt Ion: 65 Resp: 421564
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 114 Resp: 339001
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 154.45 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

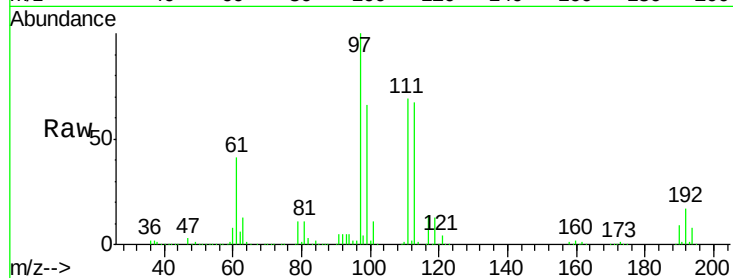
Tgt Ion:113 Resp: 367136

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

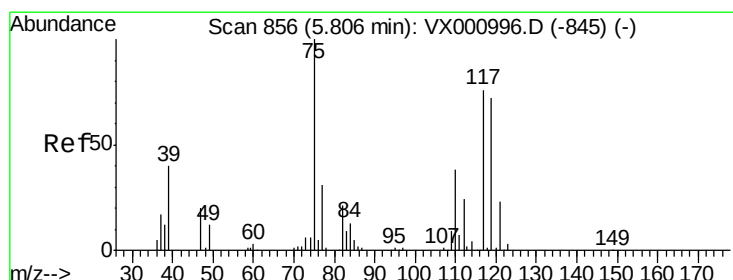
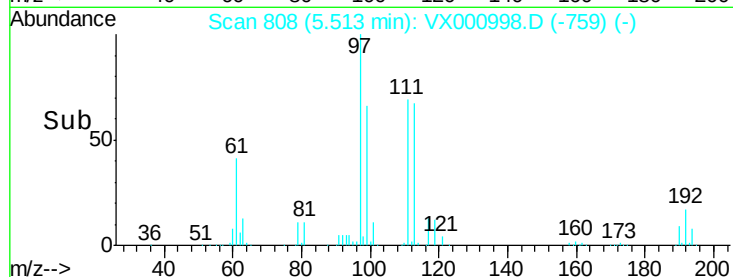
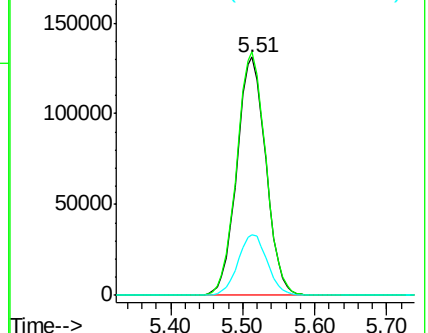
192 25.7 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 170.85 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

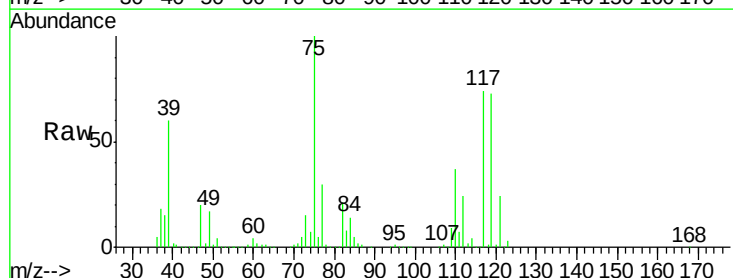
Tgt Ion: 75 Resp: 552046

Ion Ratio Lower Upper

75 100

110 37.8 18.7 56.1

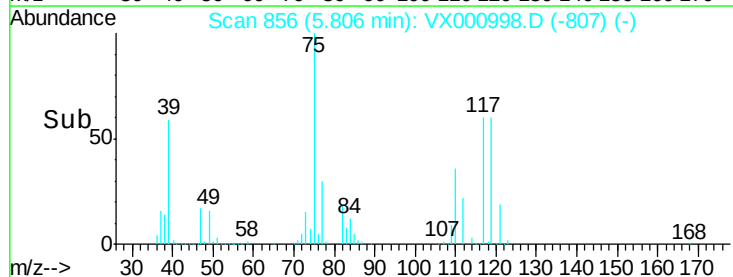
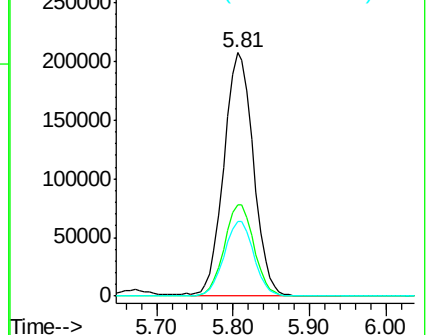
77 30.9 25.0 37.4

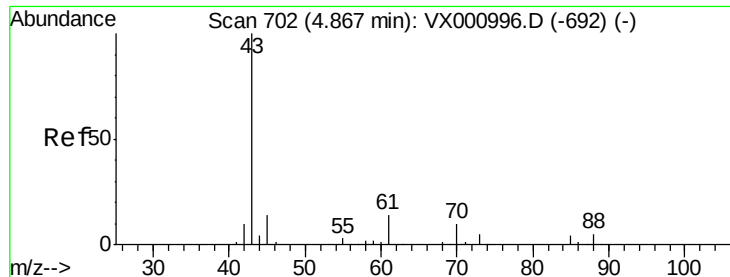


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 173.98 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

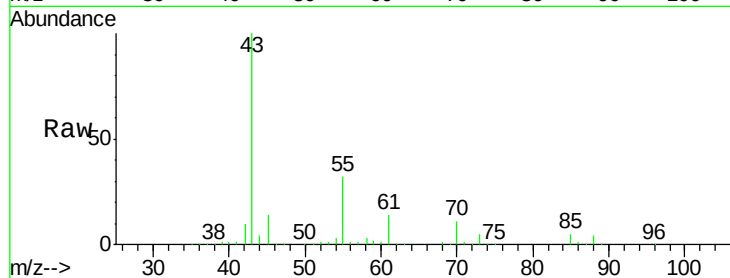
Tgt Ion: 43 Resp: 523740

Ion Ratio Lower Upper

43 100

61 13.5 10.7 16.1

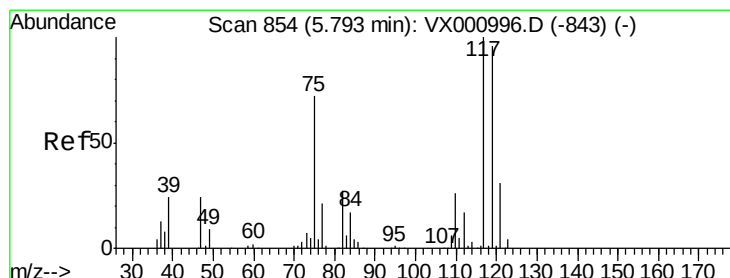
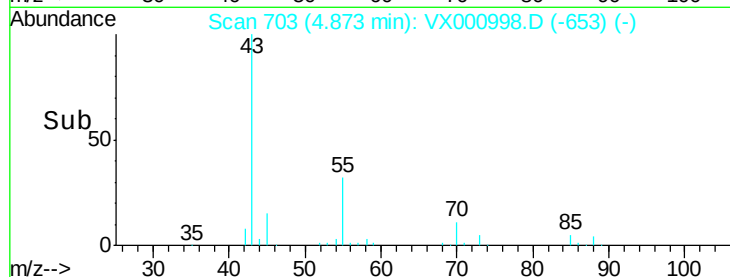
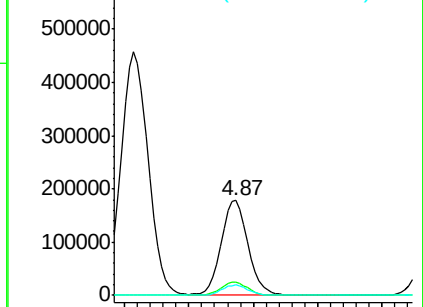
70 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX000998.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX000998.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX000998.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 178.86 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

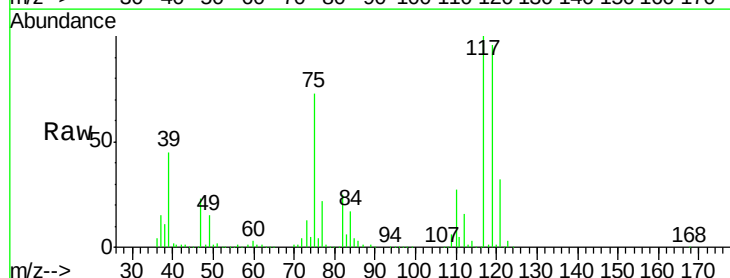
Tgt Ion: 117 Resp: 601620

Ion Ratio Lower Upper

117 100

119 95.8 76.5 114.7

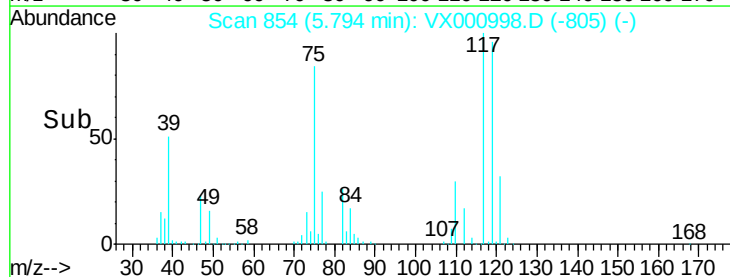
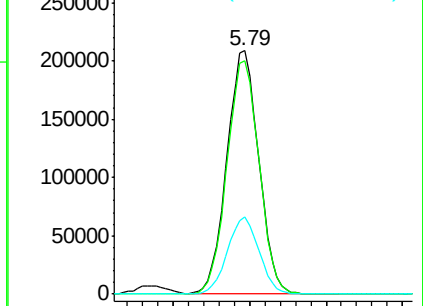
121 31.6 24.5 36.7

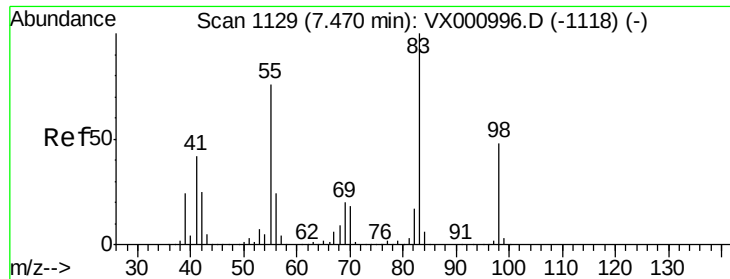


Abundance Ion 116.80 (116.50 to 117.50): VX000998.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000998.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000998.D (-805) (-)

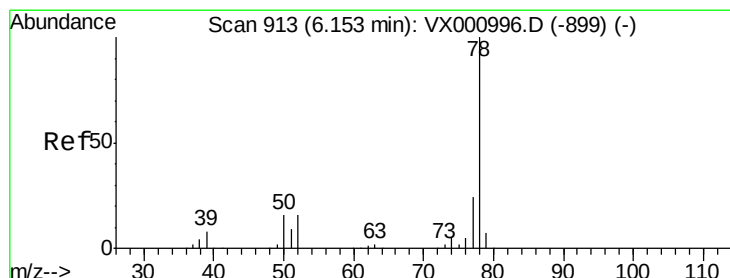
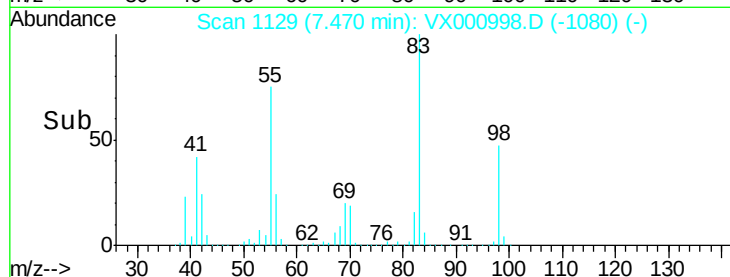
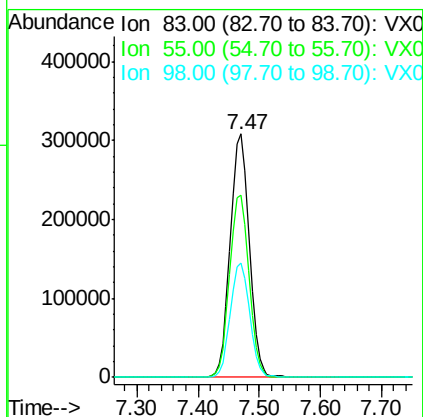
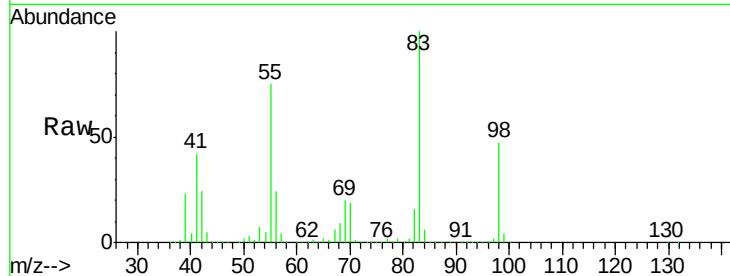




#39
Methylcyclohexane
Concen: 171.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

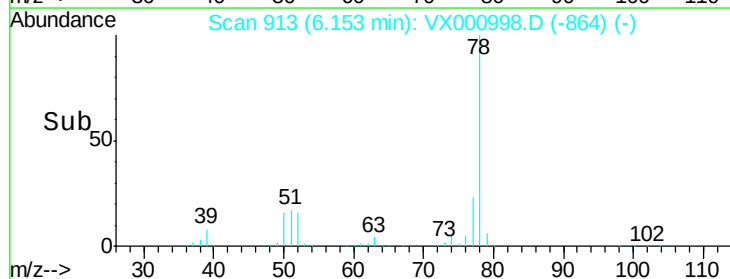
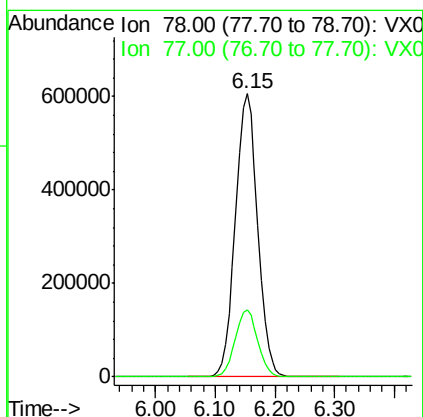
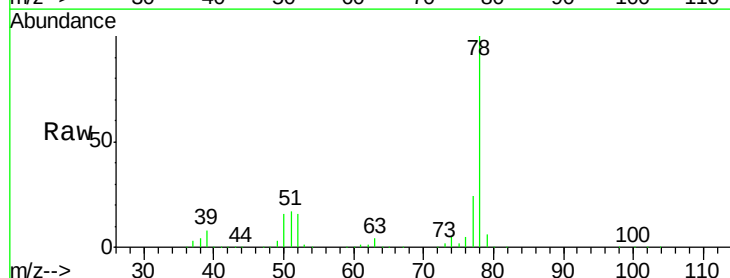
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

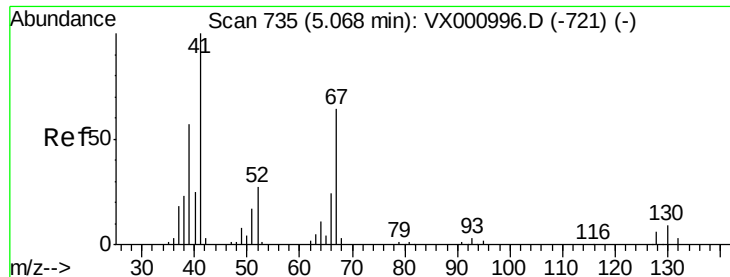
Tgt Ion: 83 Resp: 663915
Ion Ratio Lower Upper
83 100
55 74.8 60.6 91.0
98 46.9 38.2 57.4



#40
Benzene
Concen: 174.48 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 78 Resp: 1572717
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

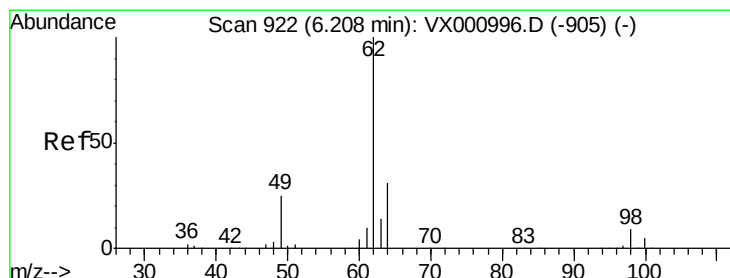
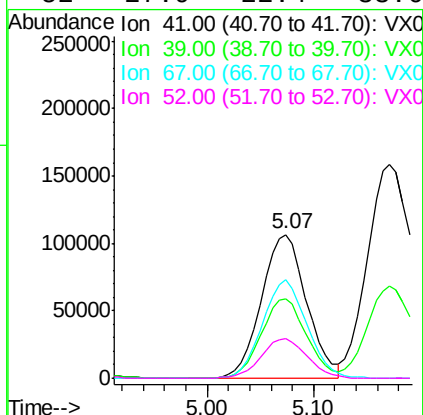
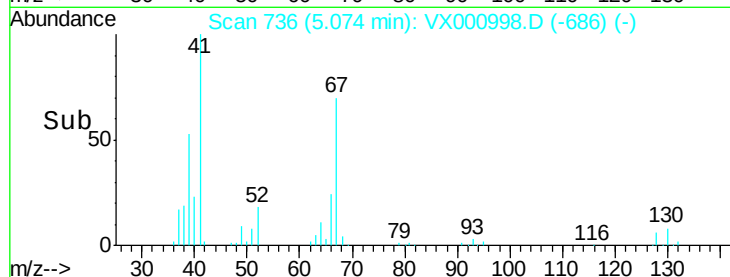
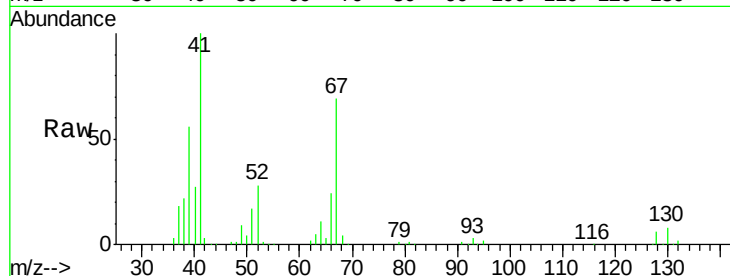




#41
Methacrylonitrile
Concen: 166.41 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

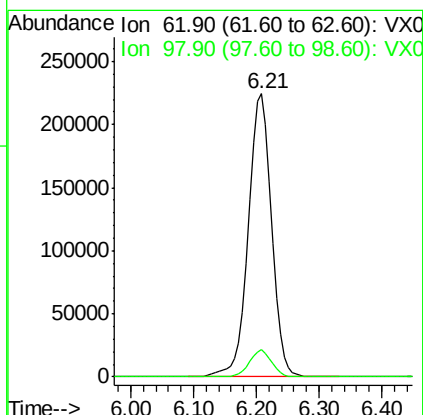
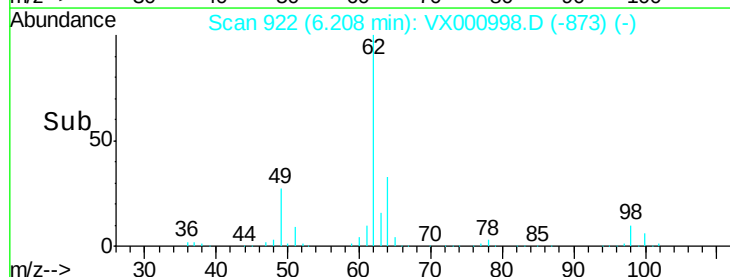
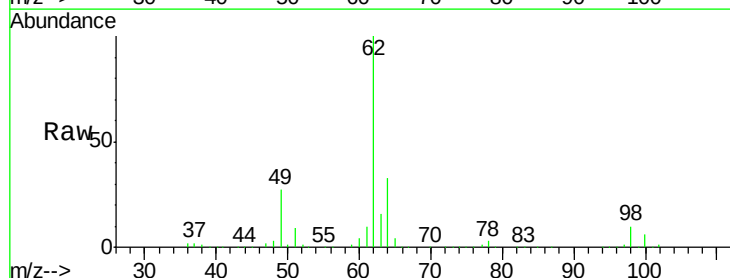
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

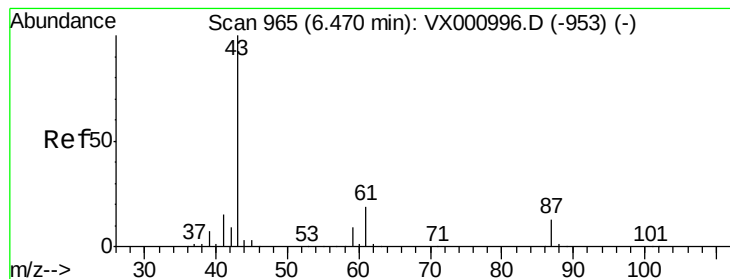
Tgt Ion: 41 Resp: 313754
Ion Ratio Lower Upper
41 100
39 55.4 45.2 67.8
67 67.8 53.8 80.8
52 27.9 22.4 33.6



#42
1,2-Dichloroethane
Concen: 164.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 62 Resp: 574728
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 180.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

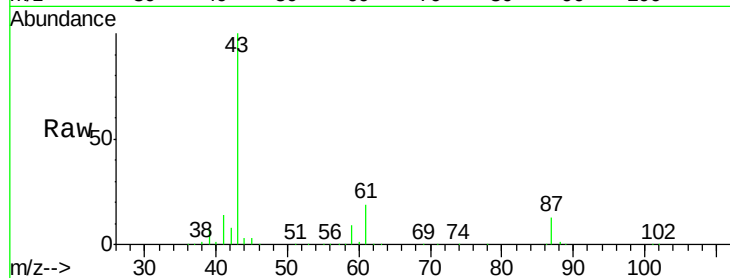
Tgt Ion: 43 Resp: 920277

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.2

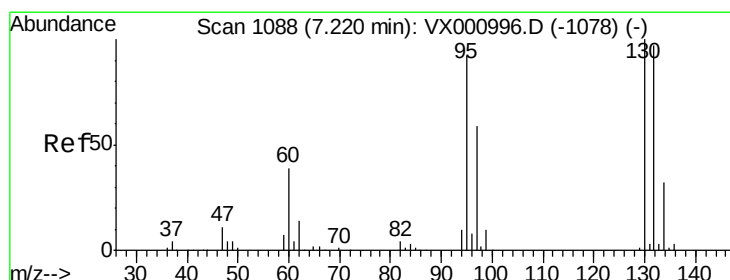
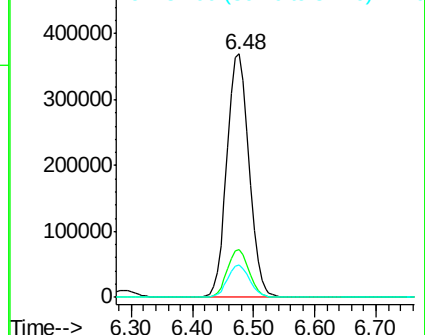
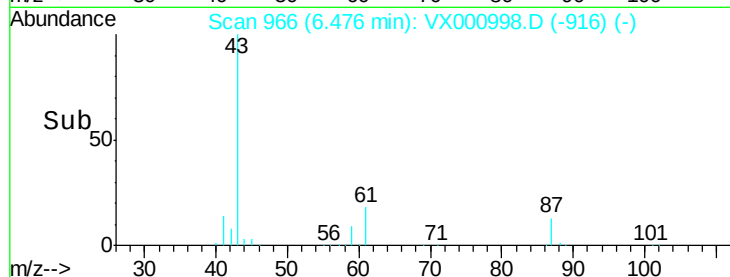
87 13.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000998.D (-916) (-)

Ion 61.00 (60.70 to 61.70): VX000998.D (-916) (-)

Ion 87.00 (86.70 to 87.70): VX000998.D (-916) (-)



#44

Trichloroethene

Concen: 168.43 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000998.D

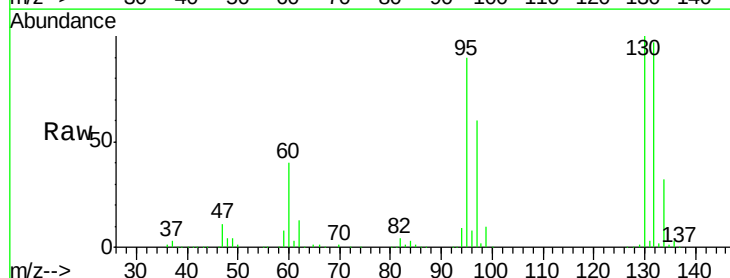
Acq: 19 Apr 2018 19:20

Tgt Ion: 130 Resp: 478389

Ion Ratio Lower Upper

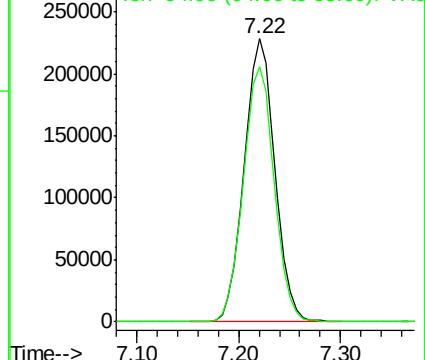
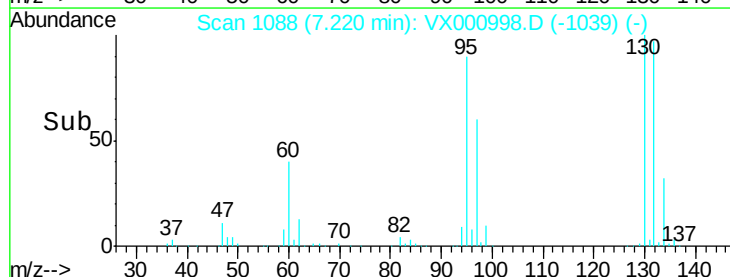
130 100

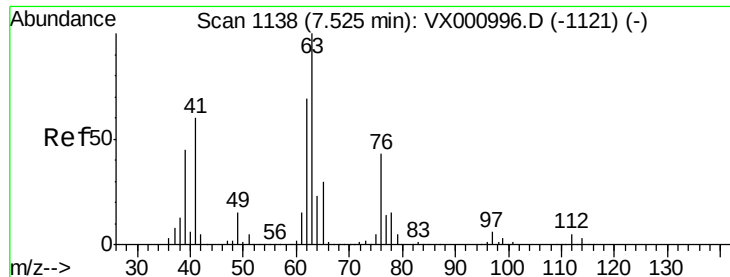
95 90.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000998.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000998.D (-1039) (-)

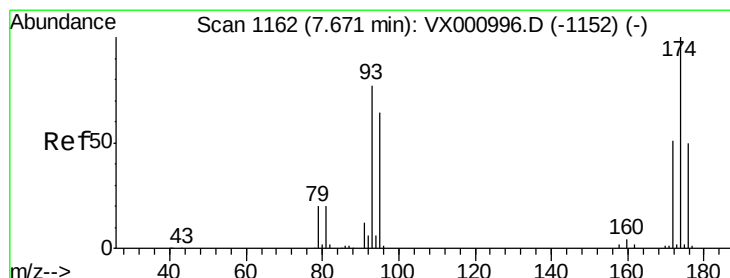
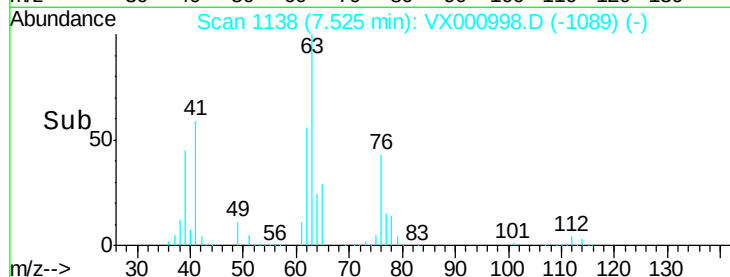
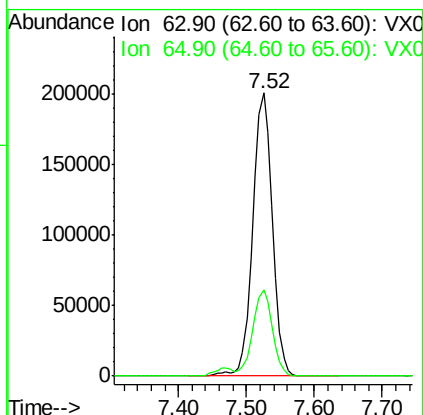
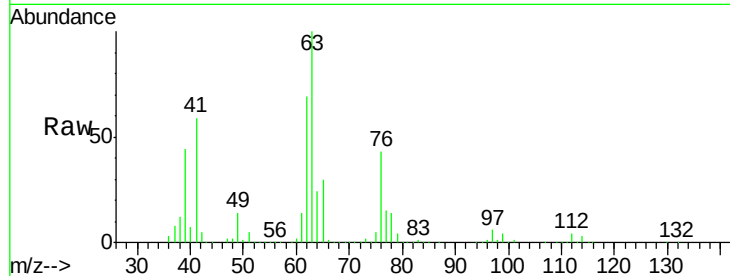




#45
 1,2-Dichloropropane
 Concen: 172.84 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

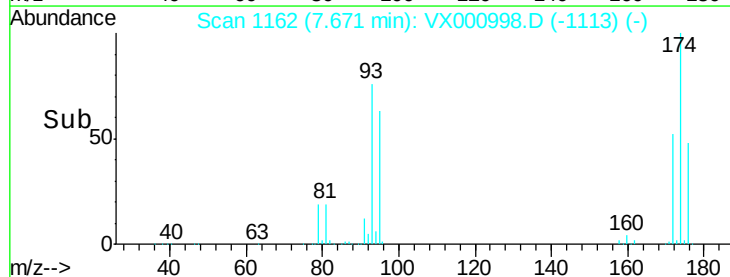
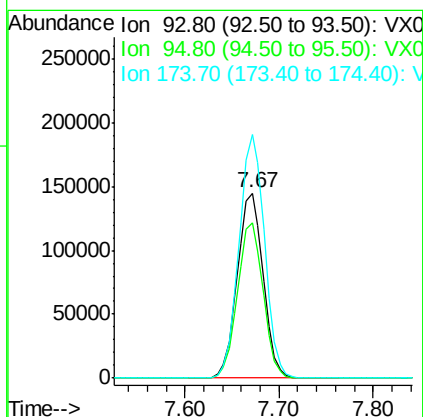
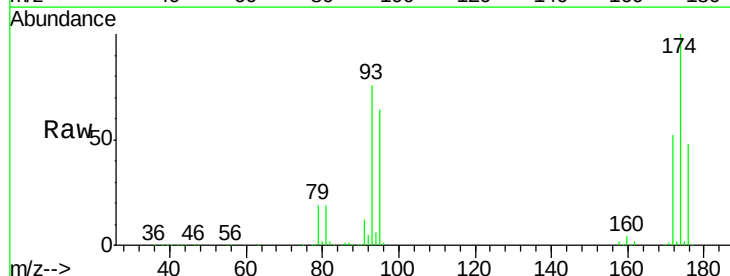
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

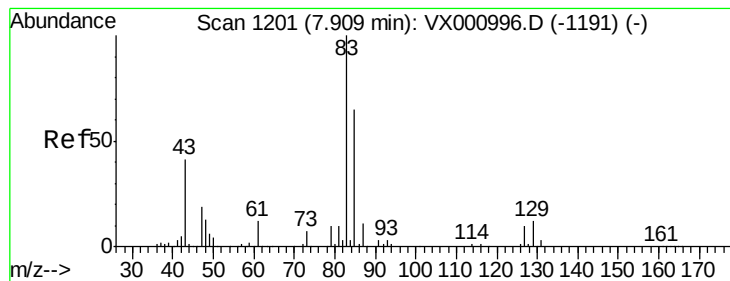
Tgt Ion: 63 Resp: 404923
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 171.53 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 93 Resp: 277099
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.7 100.1
 174 129.6 101.8 152.6





#47

Bromodichloromethane

Concen: 185.60 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

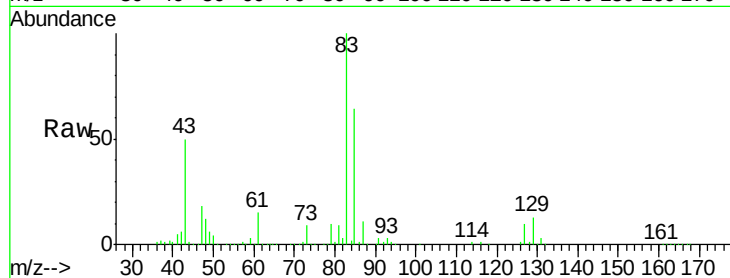
Tgt Ion: 83 Resp: 555266

Ion Ratio Lower Upper

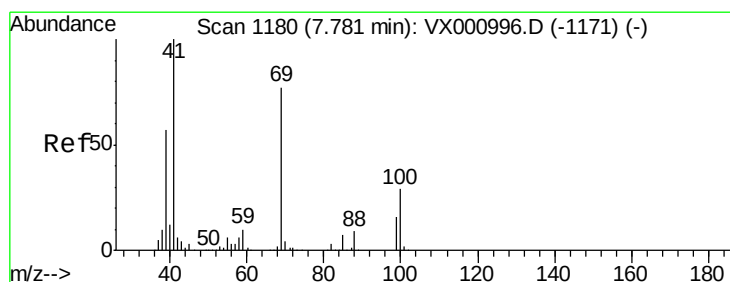
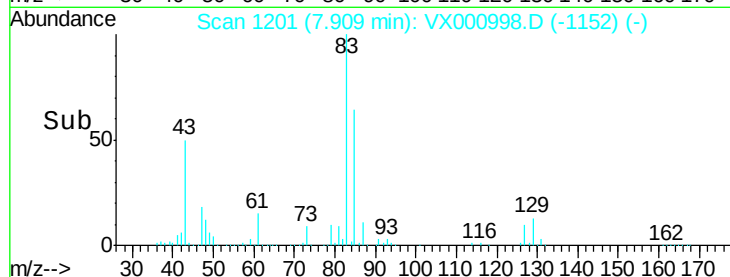
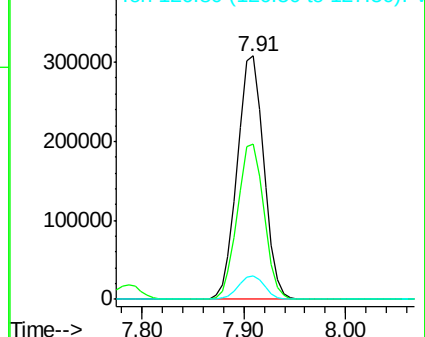
83 100

85 63.9 52.3 78.5

127 9.5 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: 171.55 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

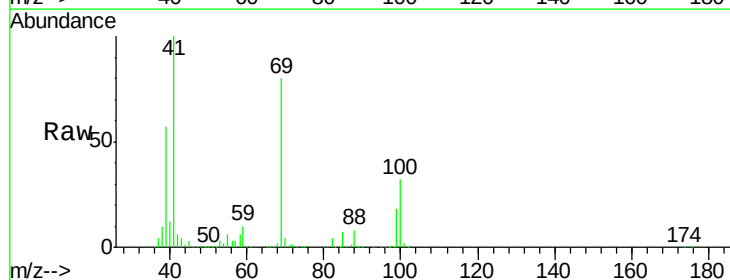
Tgt Ion: 41 Resp: 490278

Ion Ratio Lower Upper

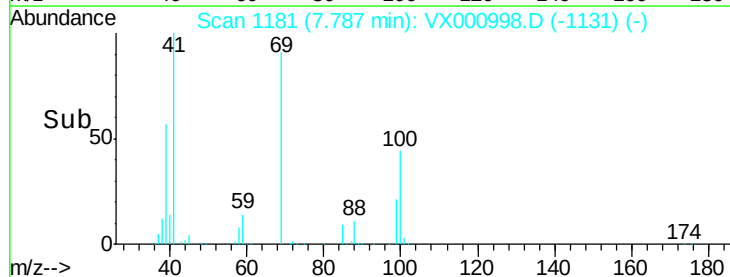
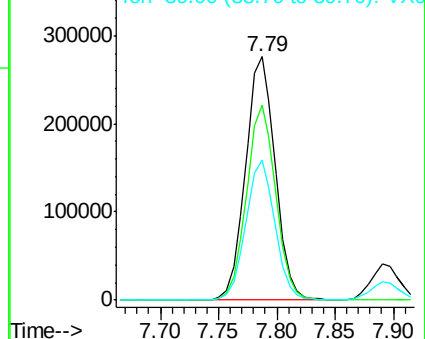
41 100

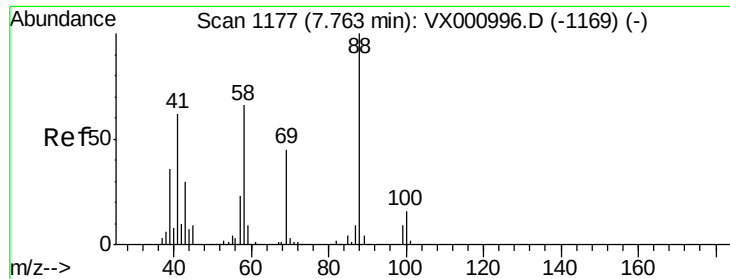
69 79.4 62.6 94.0

39 56.5 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

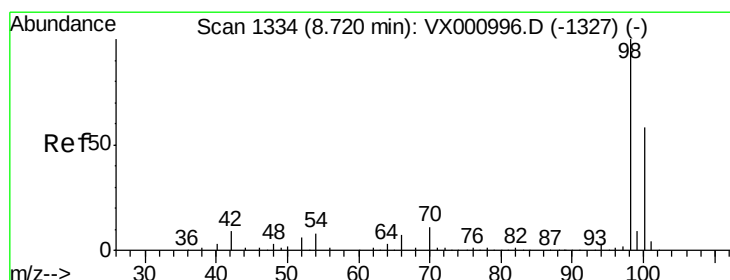
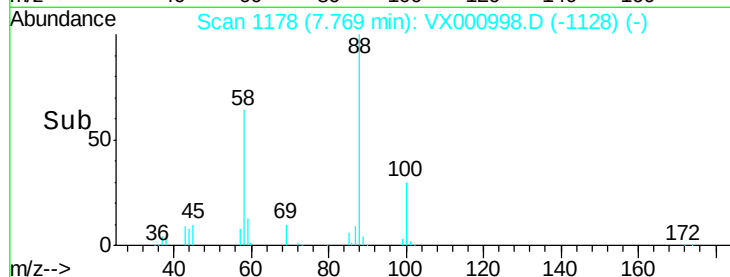
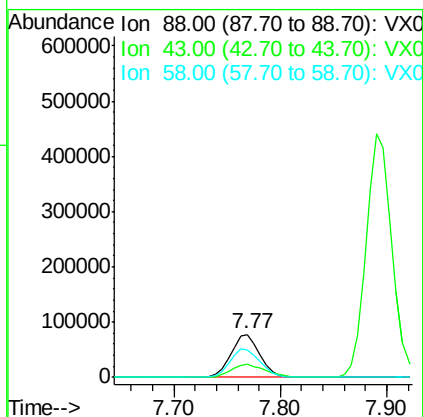
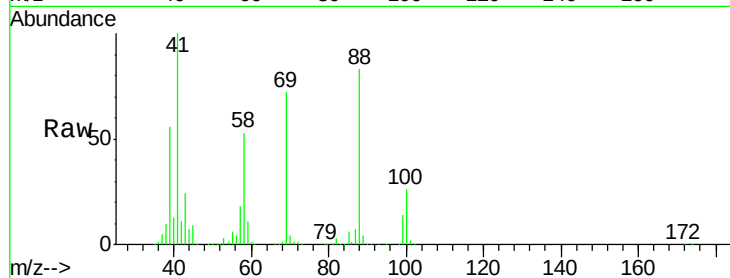




#49
1,4-Dioxane
Concen: 3788.35 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

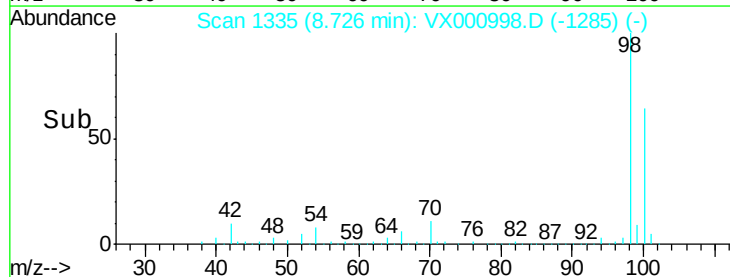
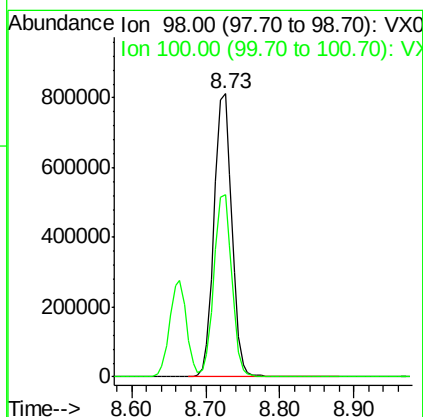
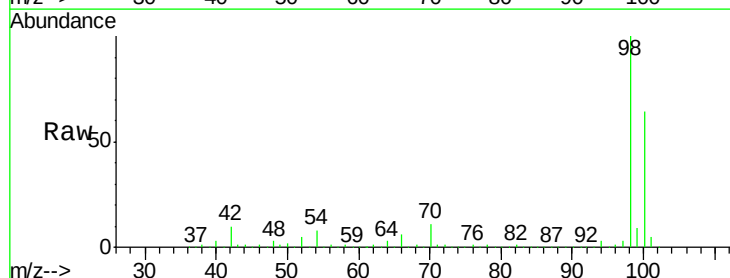
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

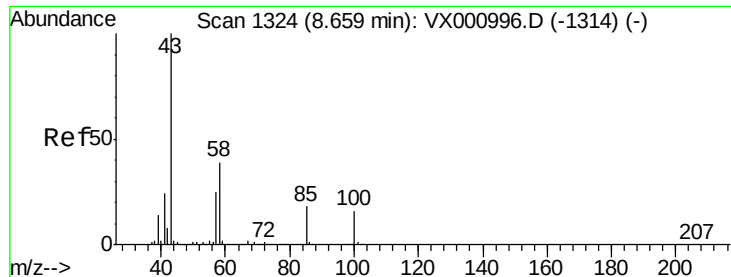
Tgt Ion: 88 Resp: 147468
Ion Ratio Lower Upper
88 100
43 35.3 29.2 43.8
58 69.3 55.0 82.6



#50
Toluene-d8
Concen: 155.70 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 98 Resp: 1328668
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

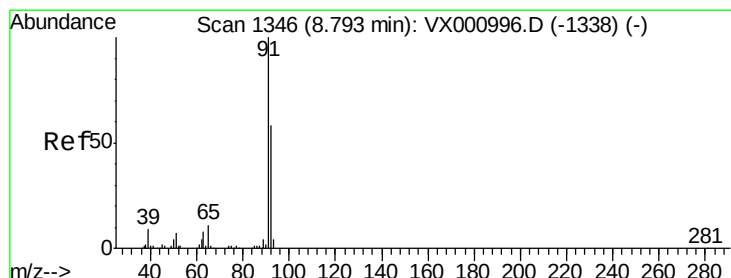
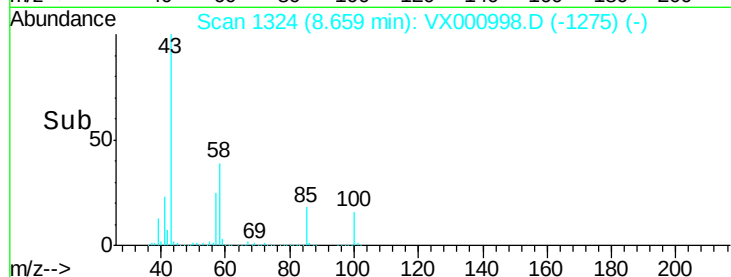
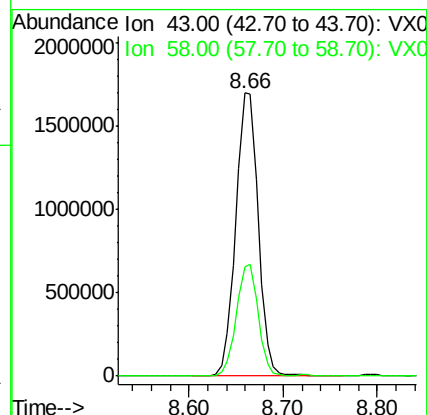
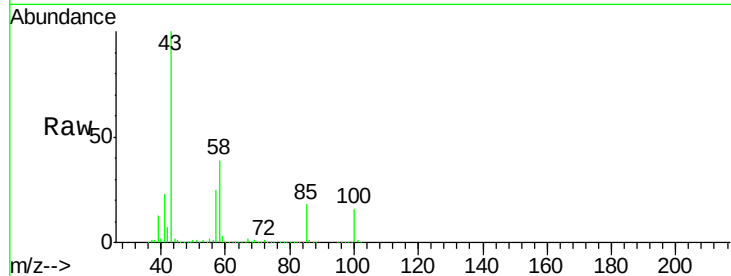




#51
 4-Methyl-2-Pentanone
 Concen: 908.96 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

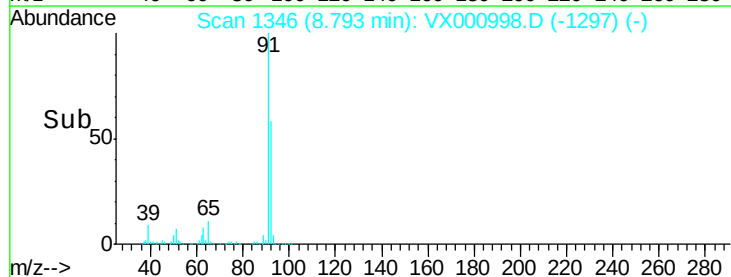
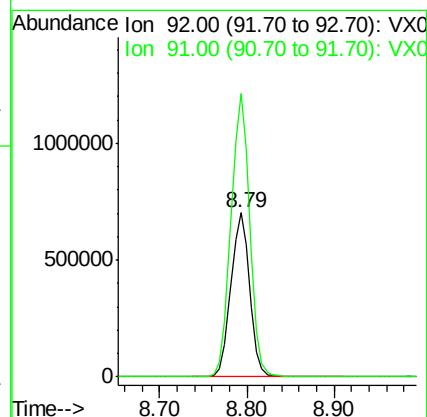
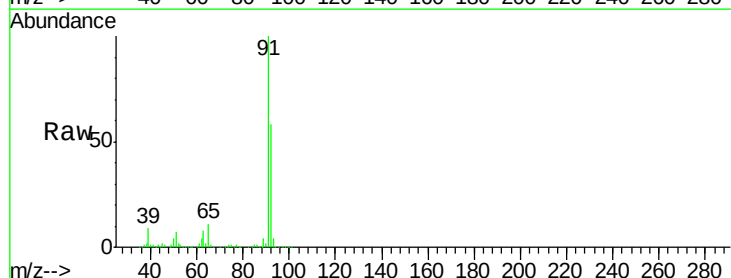
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

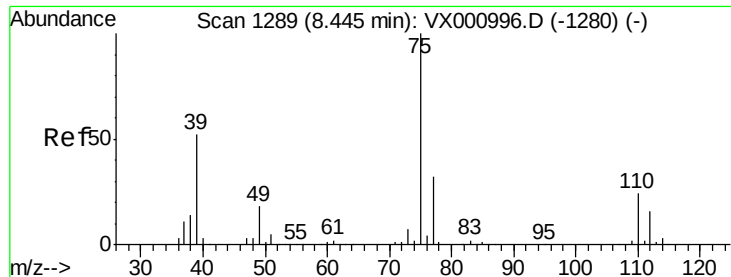
Tgt Ion: 43 Resp: 2805479
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.2 45.4



#52
 Toluene
 Concen: 176.77 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 92 Resp: 1045809
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.2 207.4

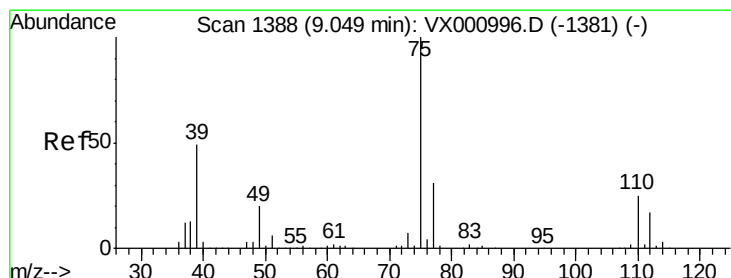
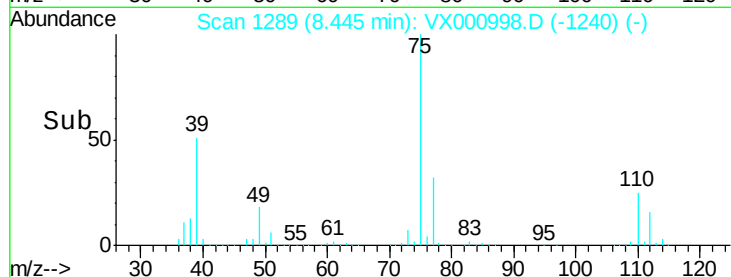
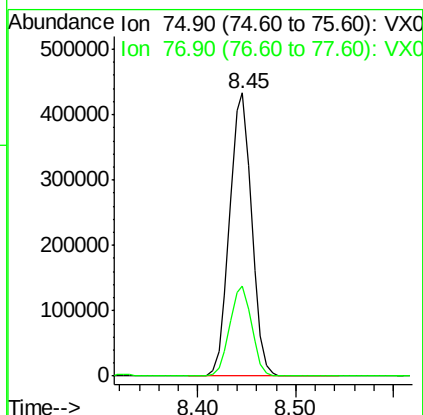
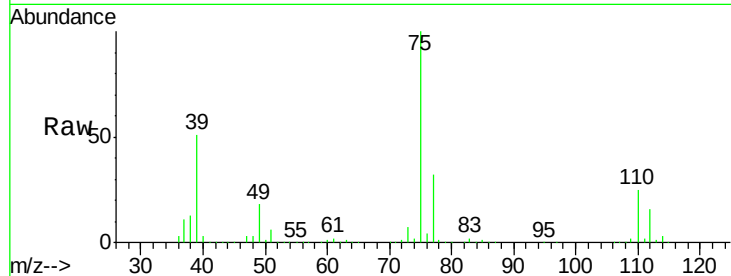




#53
 t-1,3-Dichloropropene
 Concen: 188.61 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

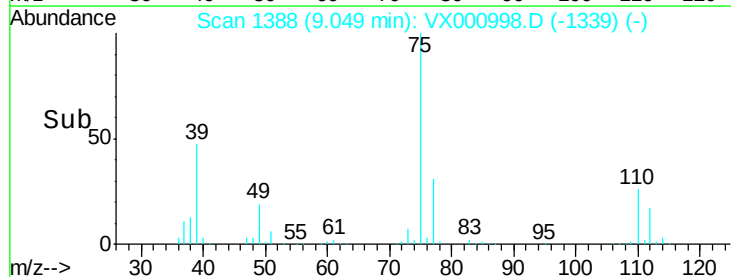
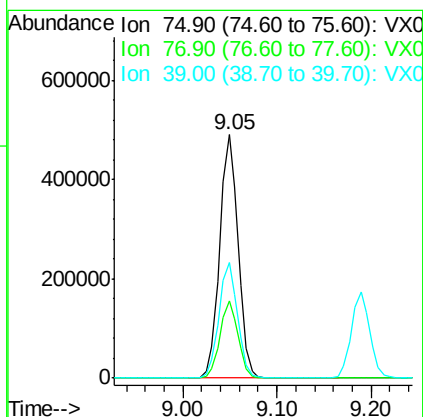
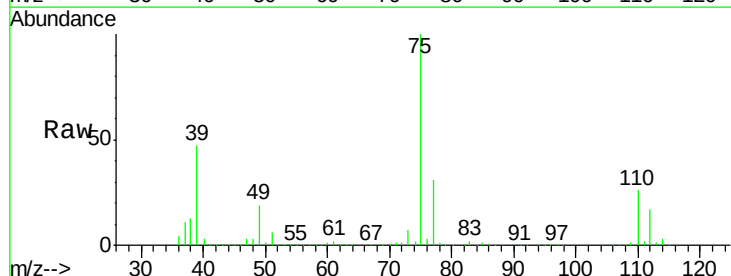
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

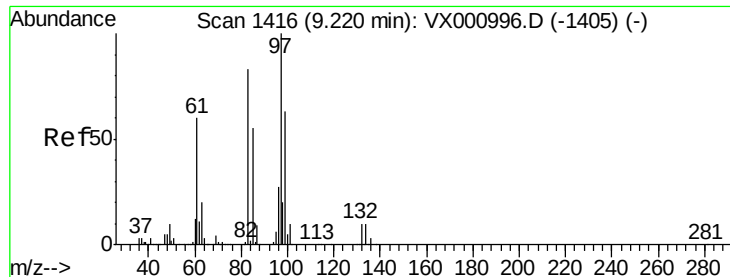
Tgt Ion: 75 Resp: 677224
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 193.85 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 75 Resp: 663846
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 47.4 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 180.10 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 414455

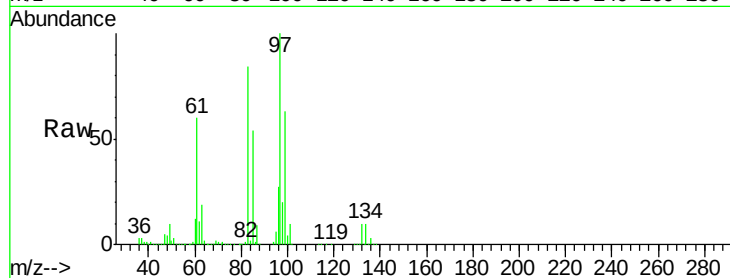
Ion Ratio Lower Upper

97 100

83 83.7 66.2 99.4

85 54.4 44.2 66.4

99 63.2 50.2 75.4

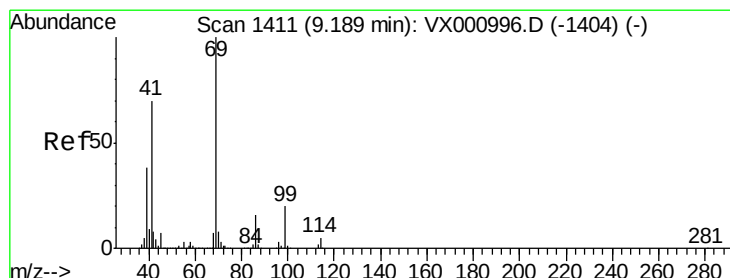
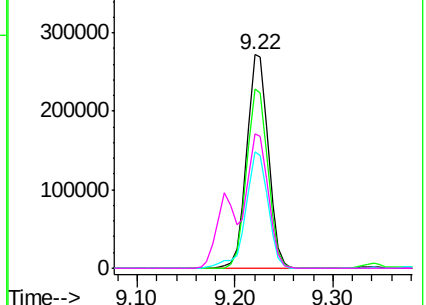
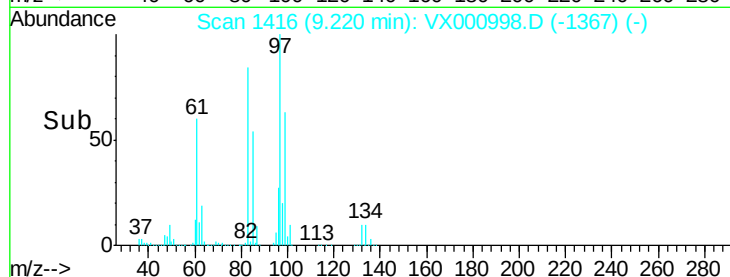


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 187.25 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

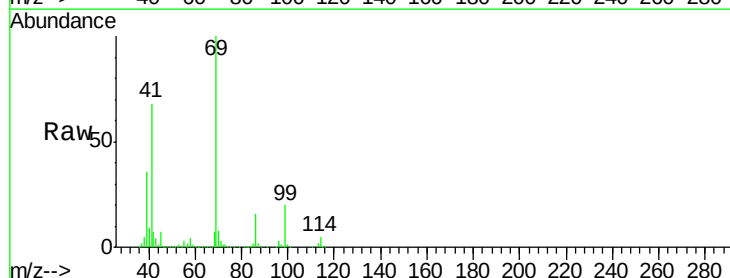
Tgt Ion: 69 Resp: 652983

Ion Ratio Lower Upper

69 100

41 68.6 56.3 84.5

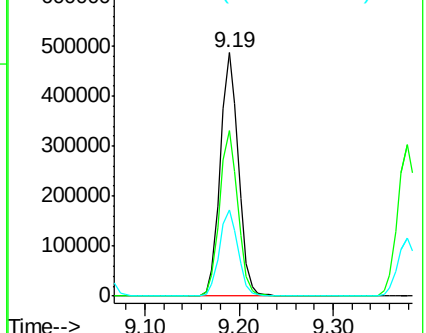
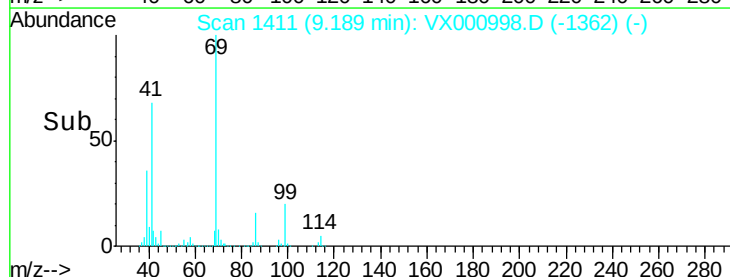
39 36.2 30.4 45.6

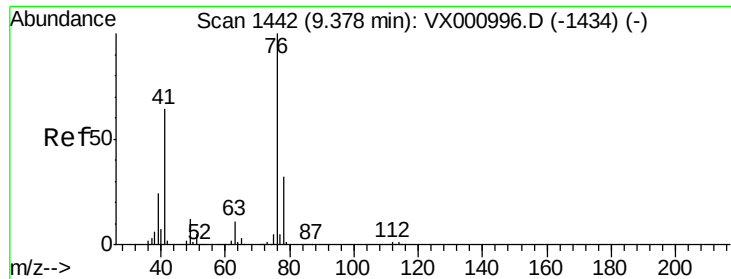


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

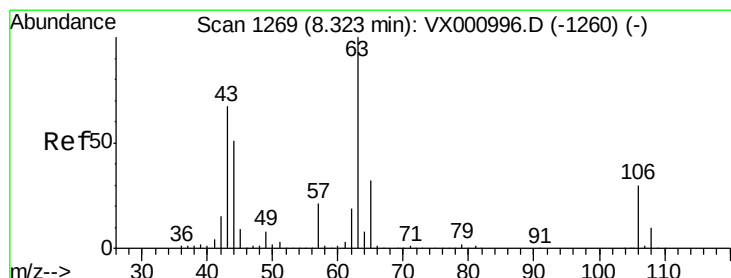
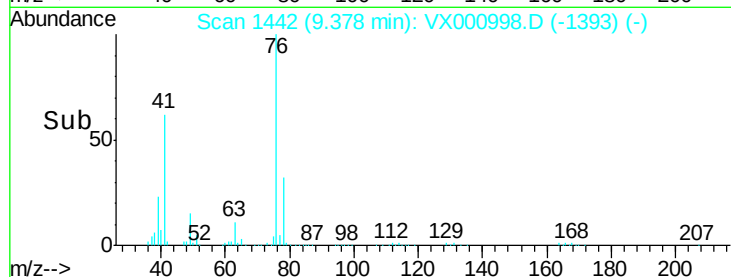
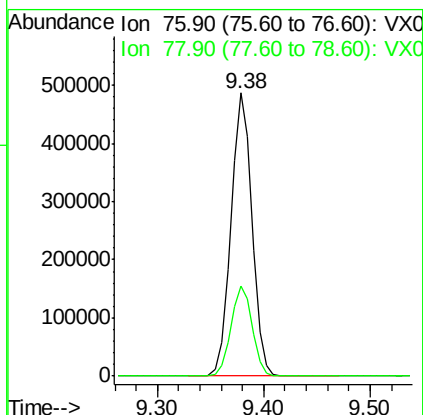
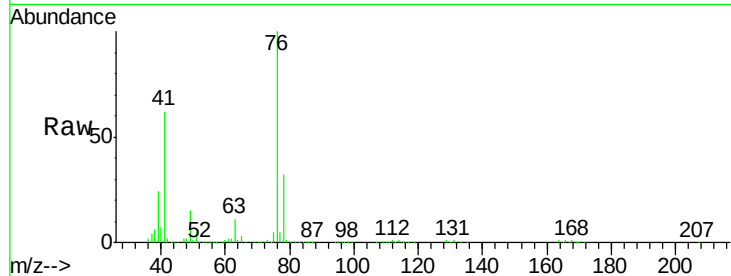




#57
 1,3-Dichloropropane
 Concen: 177.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

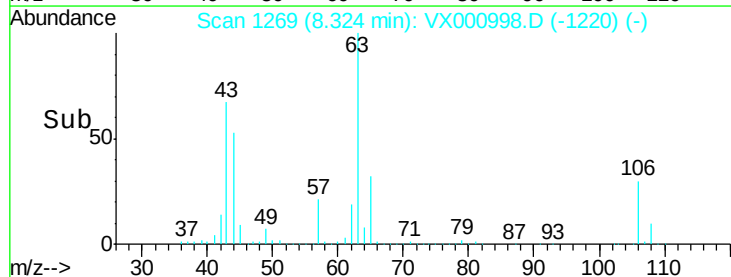
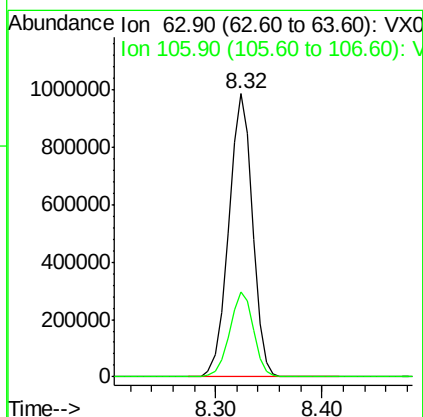
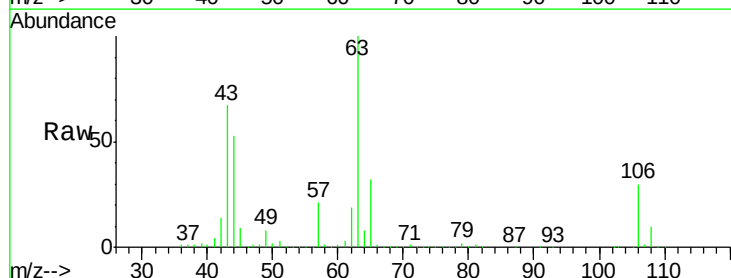
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

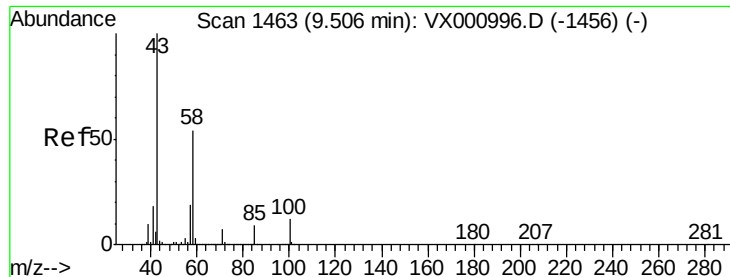
Tgt Ion: 76 Resp: 673304
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 965.43 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 63 Resp: 1534509
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.6

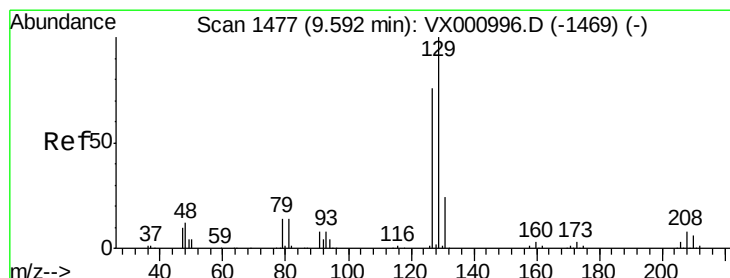
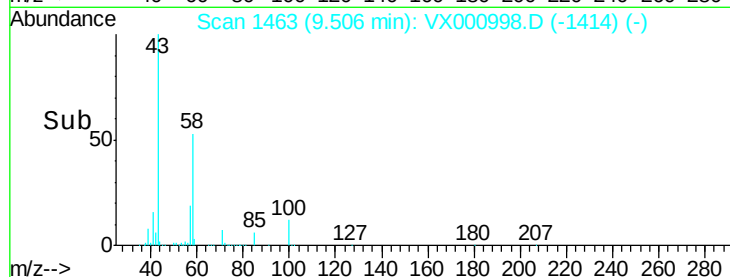
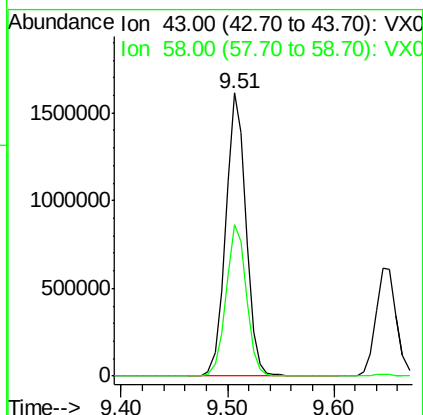
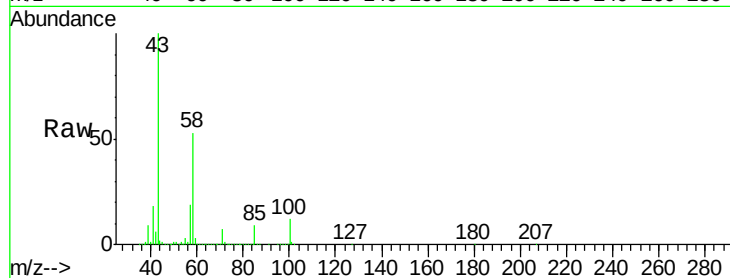




#59
2-Hexanone
Concen: 910.04 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

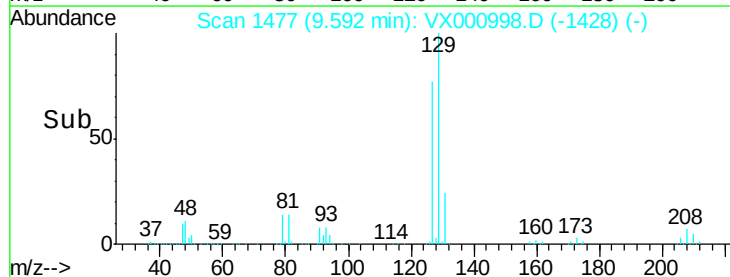
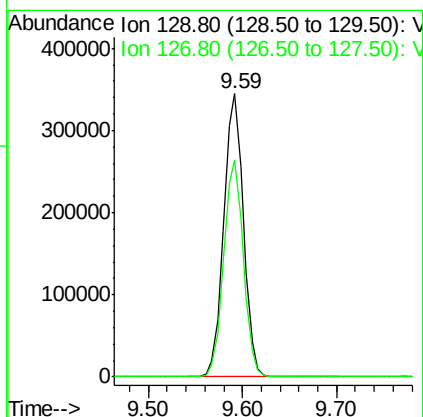
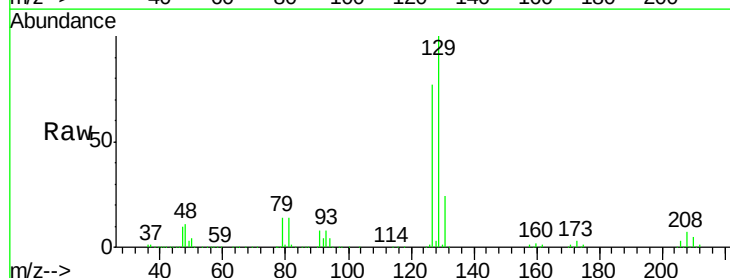
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

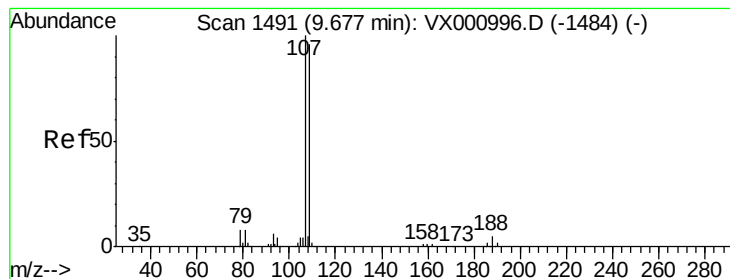
Tgt Ion: 43 Resp: 2154073
Ion Ratio Lower Upper
43 100
58 53.7 26.3 78.9



#60
Dibromochloromethane
Concen: 195.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 129 Resp: 496813
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 180.38 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

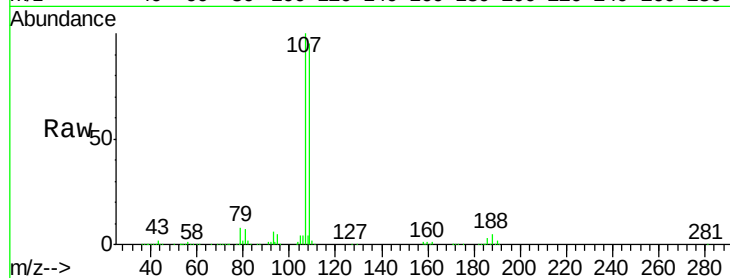
VSTDIC150

Tgt Ion: 107 Resp: 448598

Ion Ratio Lower Upper

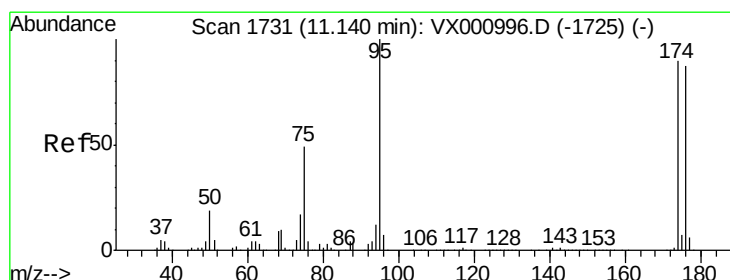
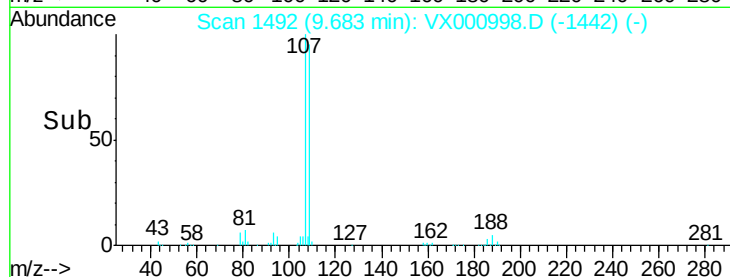
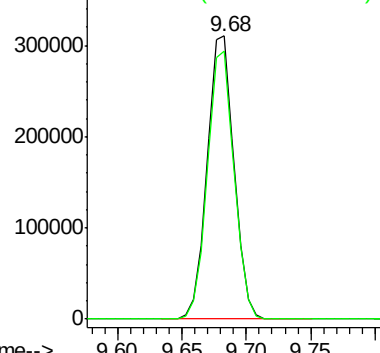
107 100

109 94.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 158.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

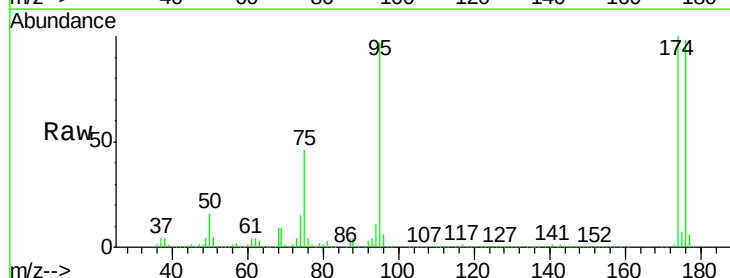
Tgt Ion: 95 Resp: 560035

Ion Ratio Lower Upper

95 100

174 99.3 0.0 198.4

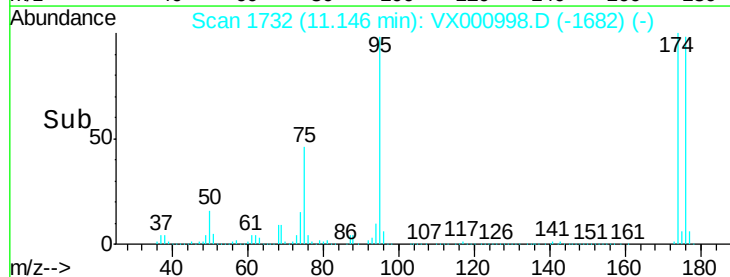
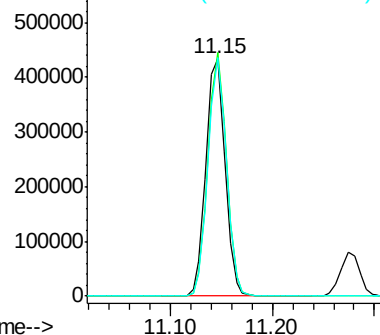
176 97.0 0.0 192.0

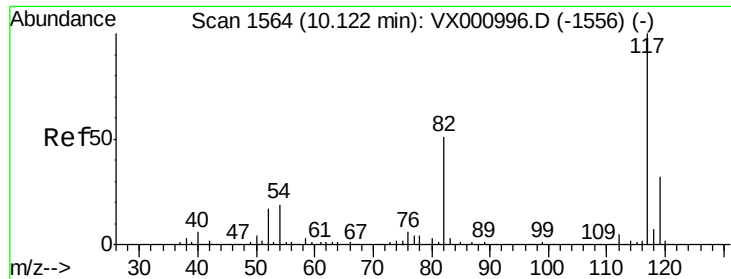


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

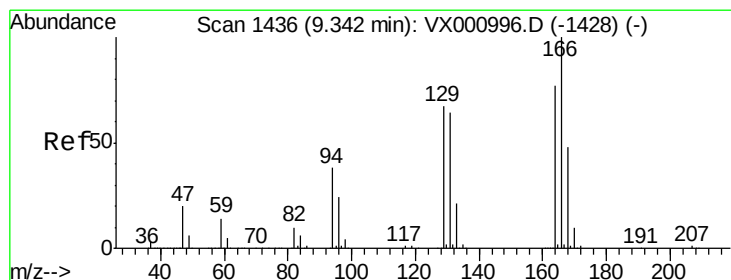
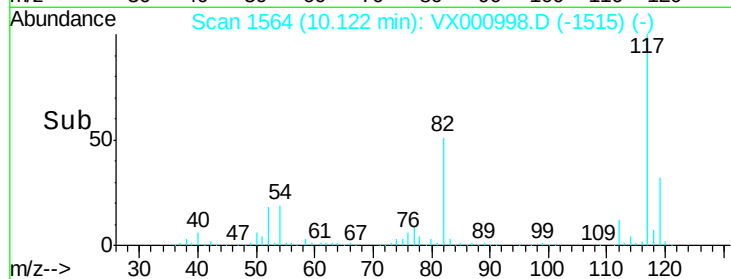
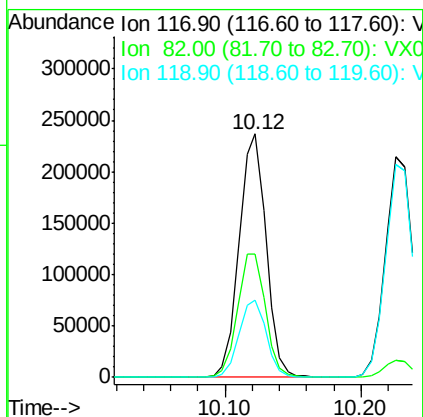
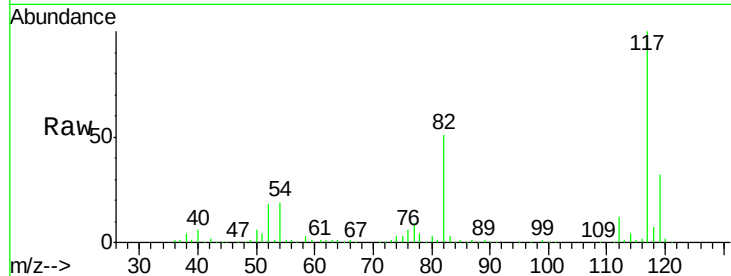




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

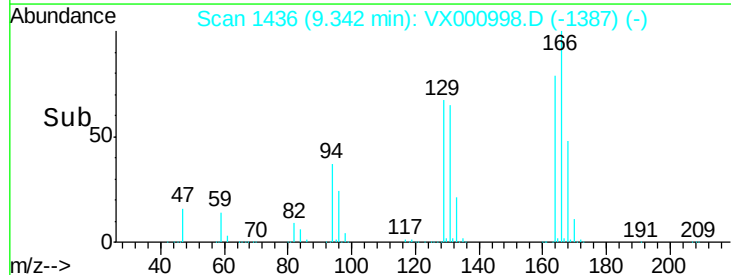
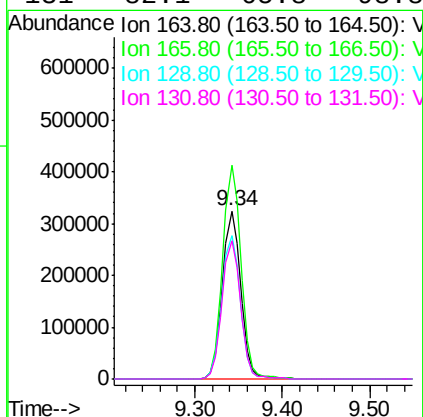
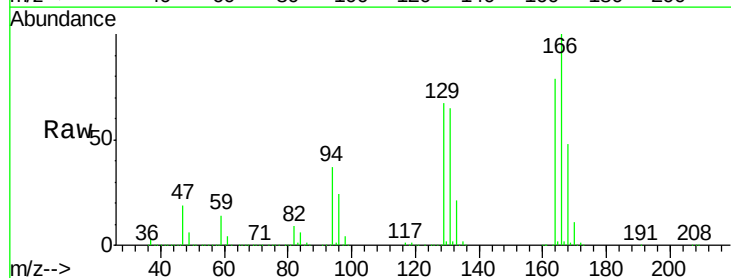
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

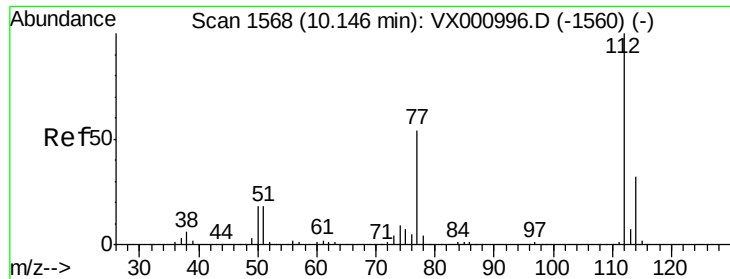
Tgt Ion:117 Resp: 327690
Ion Ratio Lower Upper
117 100
82 50.7 40.6 60.8
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 162.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion:164 Resp: 471024
Ion Ratio Lower Upper
164 100
166 127.0 103.5 155.3
129 85.3 69.6 104.4
131 82.1 65.8 98.8





#65

Chlorobenzene

Concen: 171.34 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

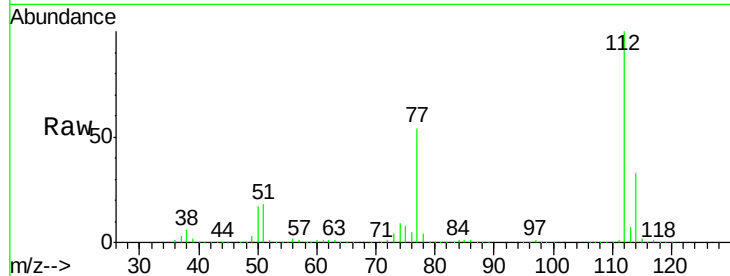
VSTDIC150

Tgt Ion:112 Resp: 1231918

Ion Ratio Lower Upper

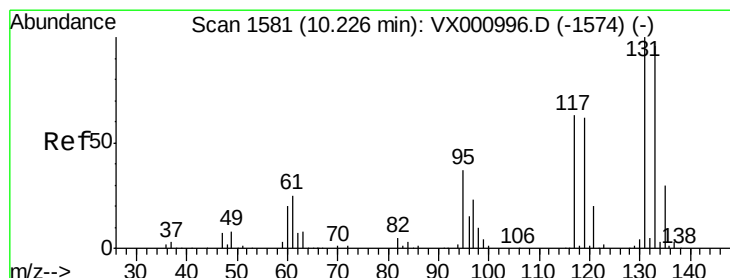
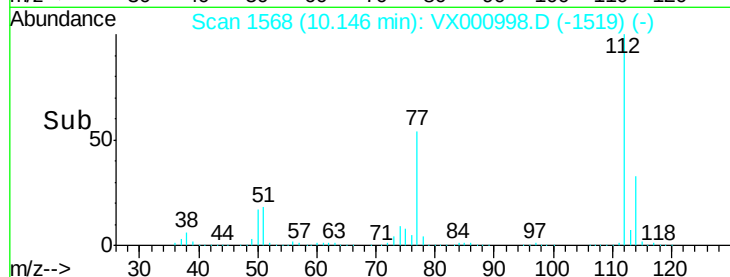
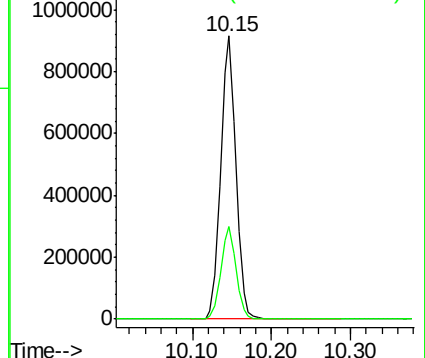
112 100

114 32.5 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 185.11 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

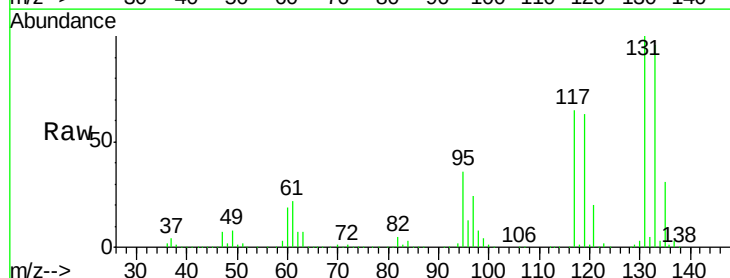
Tgt Ion:131 Resp: 462892

Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.8

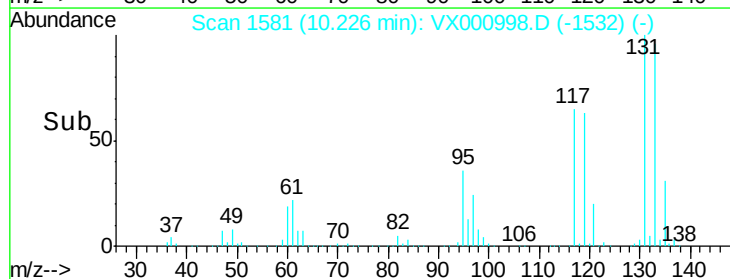
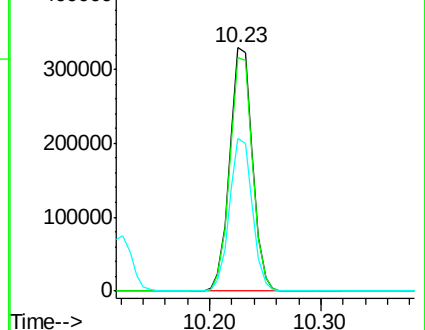
119 63.2 31.1 93.2

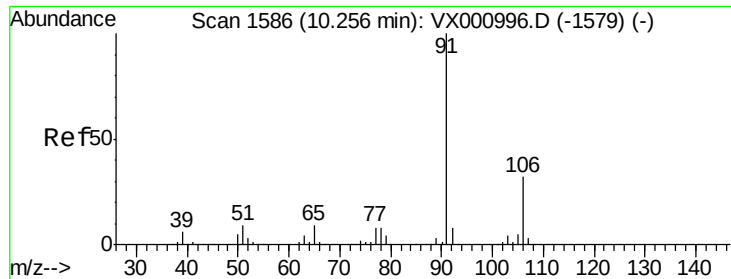


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

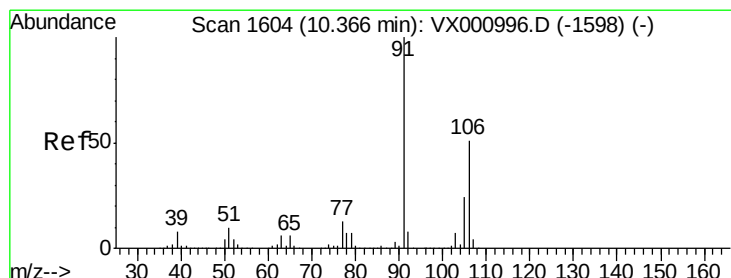
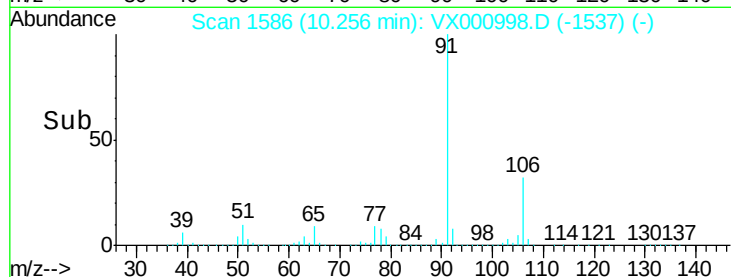
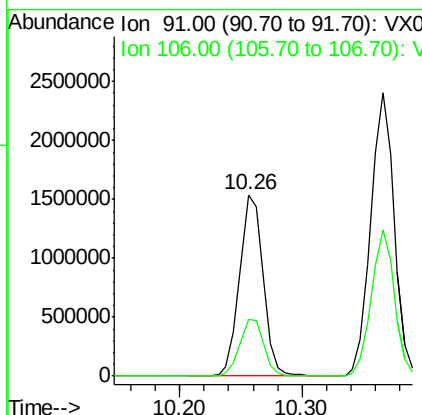
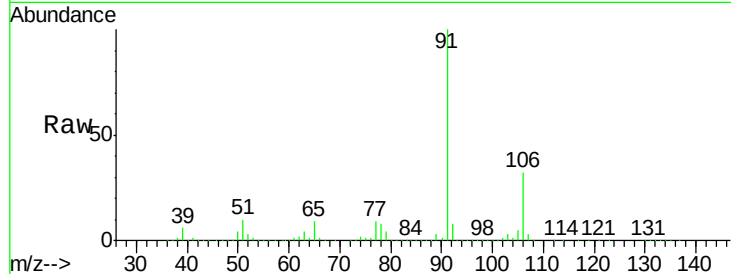




#67
Ethyl Benzene
Concen: 174.34 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

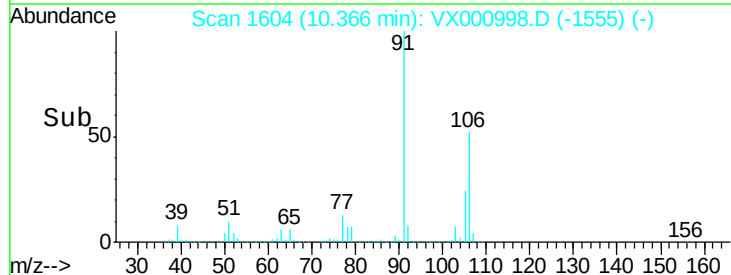
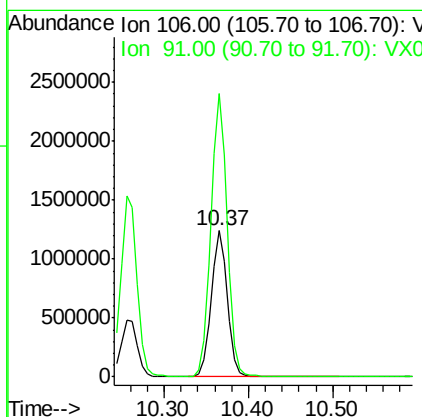
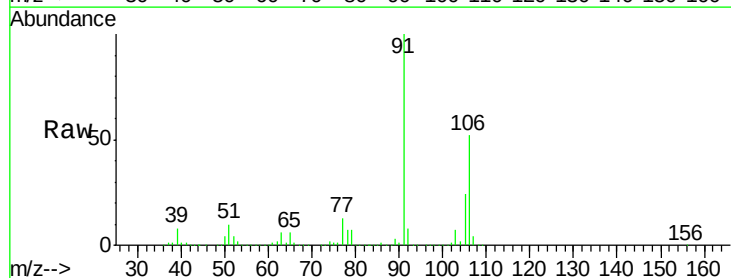
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

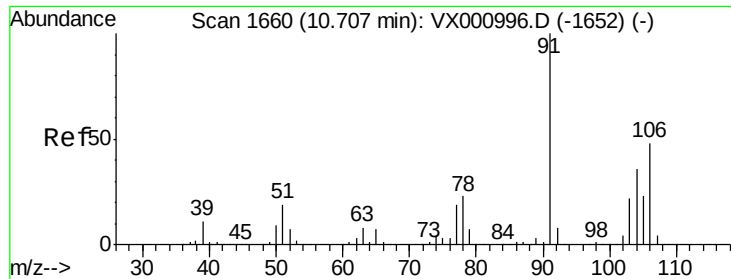
Tgt Ion: 91 Resp: 2054620
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 350.85 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 106 Resp: 1639051
Ion Ratio Lower Upper
106 100
91 196.4 159.3 238.9

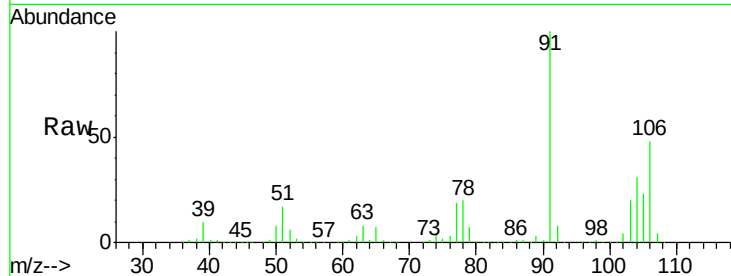




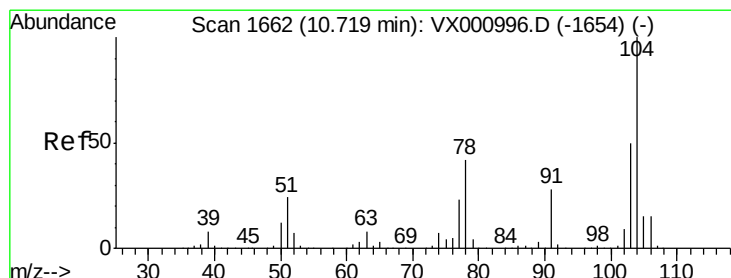
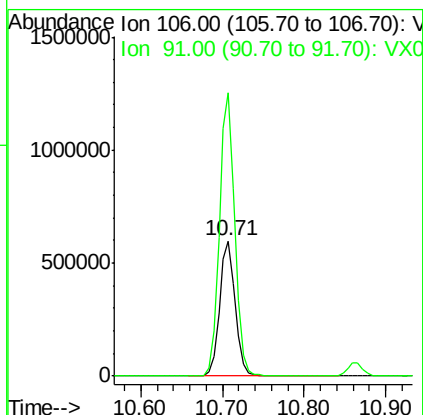
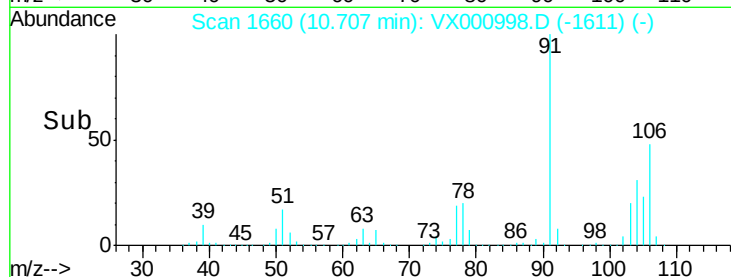
#69
o-Xylene
Concen: 174.20 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 792135
Ion Ratio Lower Upper
106 100
91 208.9 105.1 315.1

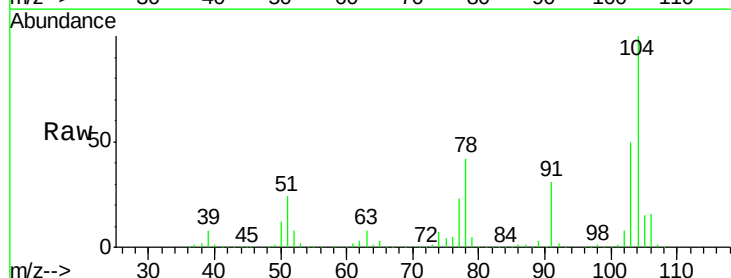


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

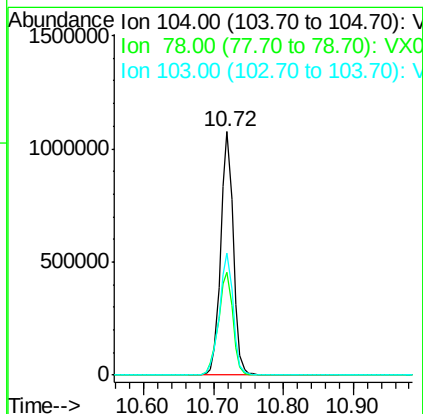
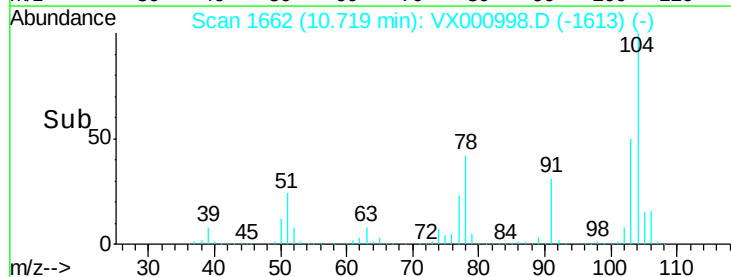


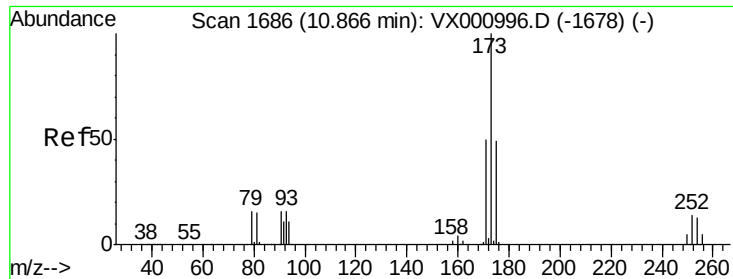
#70
Styrene
Concen: 178.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion:104 Resp: 1346394
Ion Ratio Lower Upper
104 100
78 48.4 39.4 59.2
103 55.0 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: 203.73 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

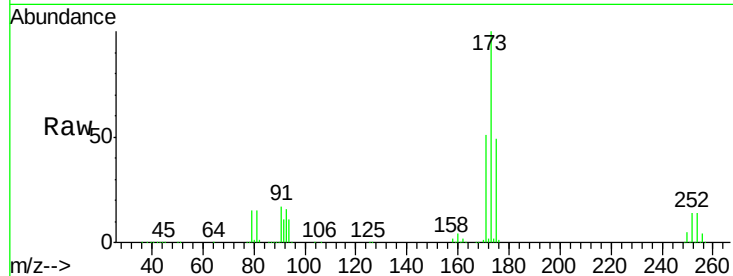
Tgt Ion:173 Resp: 437861

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

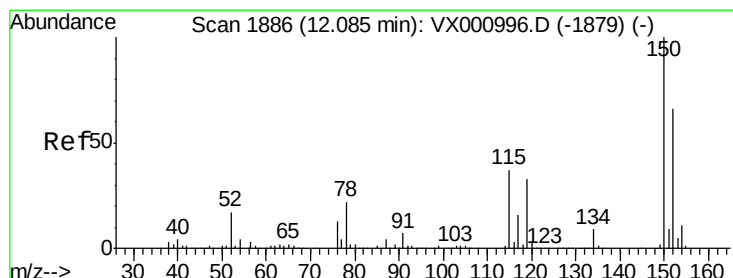
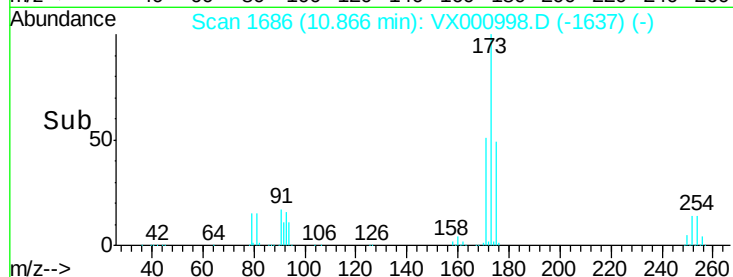
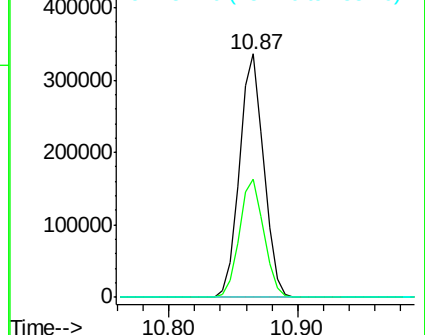
254 0.2 0.2 0.2



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

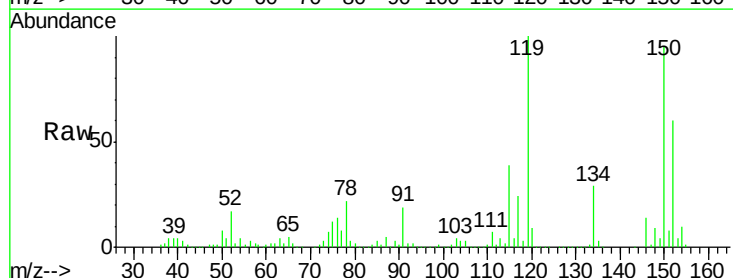
Tgt Ion:152 Resp: 231640

Ion Ratio Lower Upper

152 100

115 118.3 38.2 114.6#

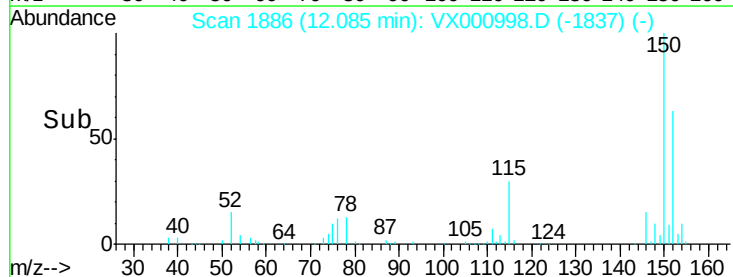
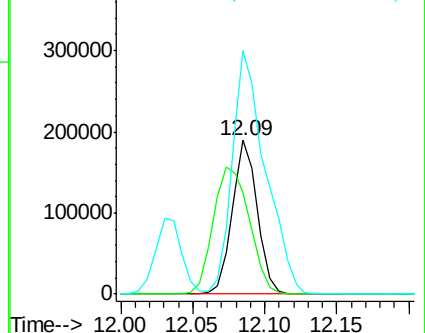
150 208.8 0.0 350.4

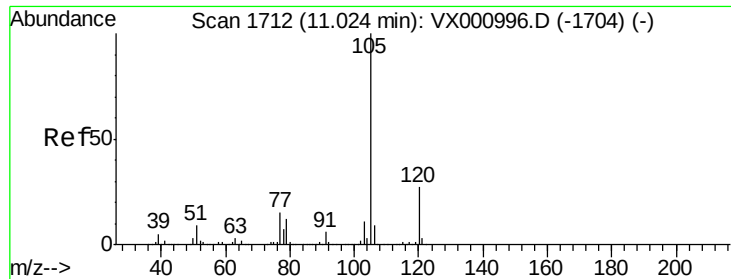


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 167.40 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

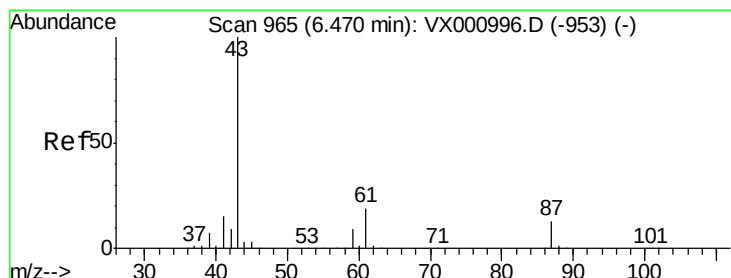
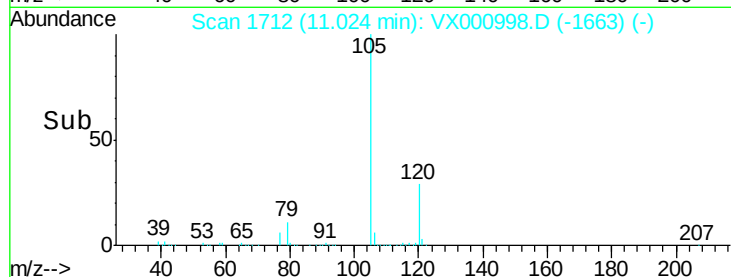
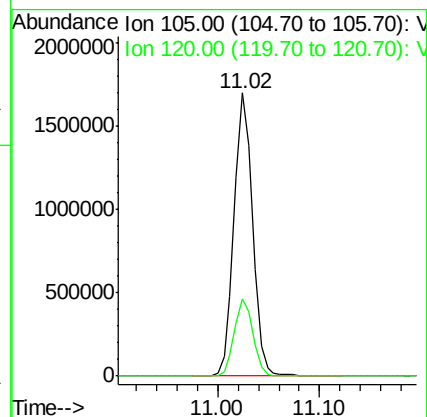
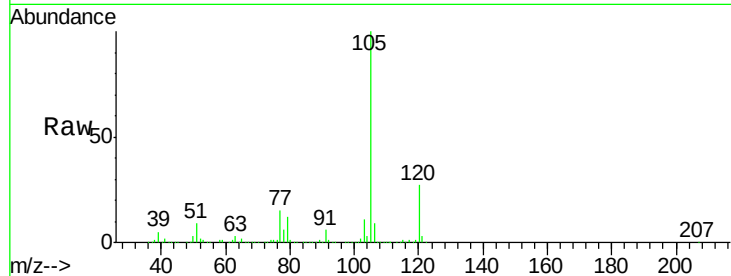
VSTDIC150

Tgt Ion:105 Resp: 2131802

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 173.10 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Tgt Ion: 43 Resp: 920277

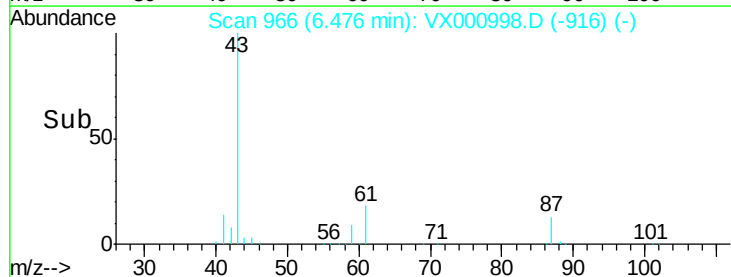
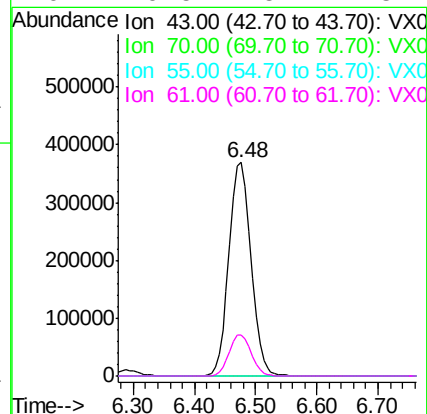
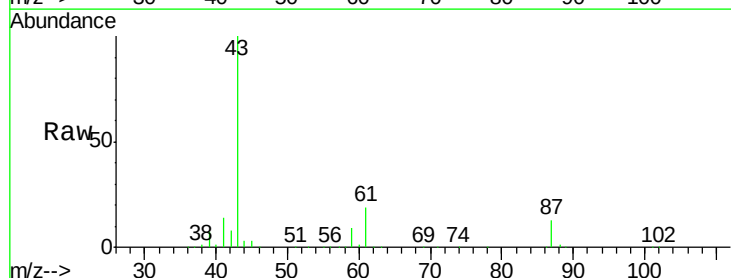
Ion Ratio Lower Upper

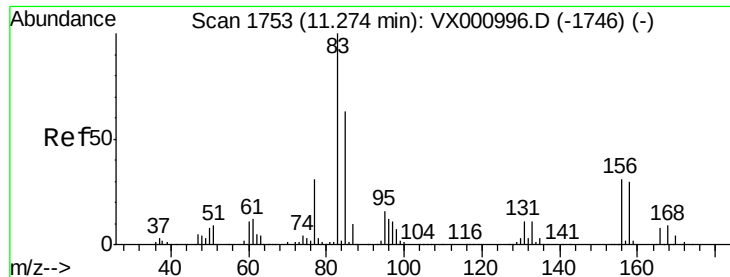
43 100

70 0.0 0.0 0.0#

55 0.0 0.1 0.1#

61 19.5 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 177.67 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

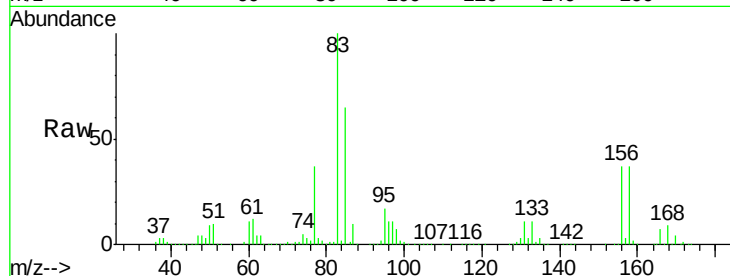
Tgt Ion: 83 Resp: 638493

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

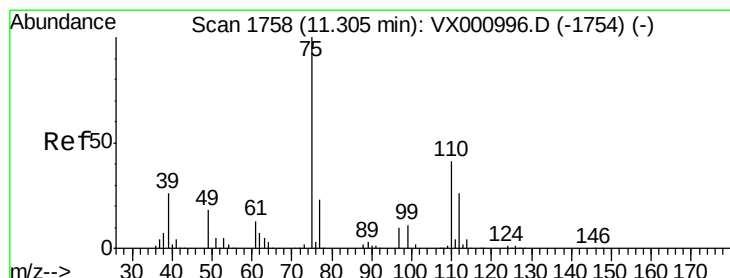
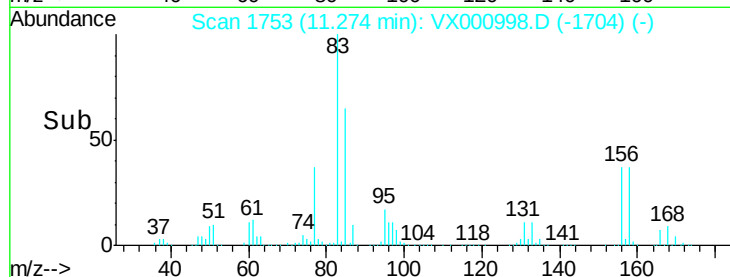
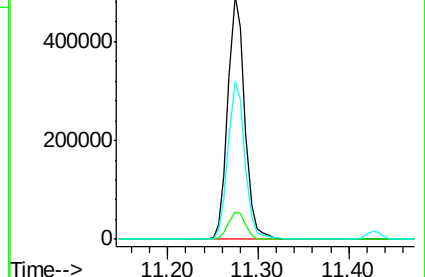
85 64.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 192.12 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000998.D

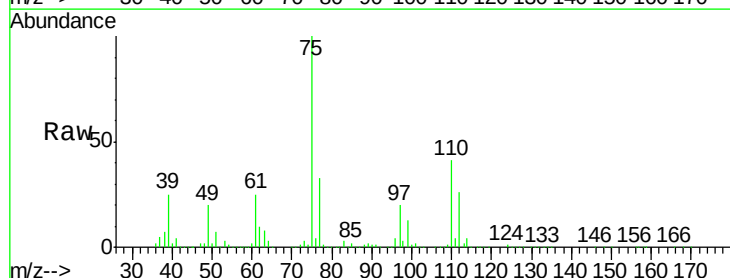
Acq: 19 Apr 2018 19:20

Tgt Ion: 75 Resp: 760053

Ion Ratio Lower Upper

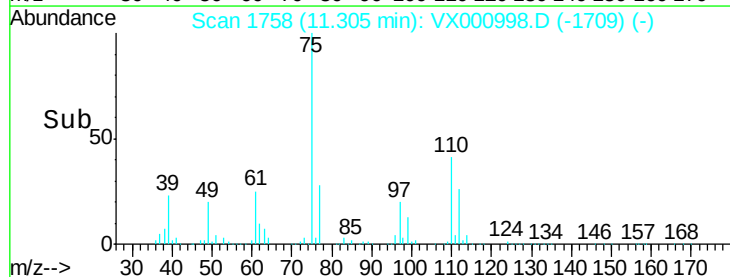
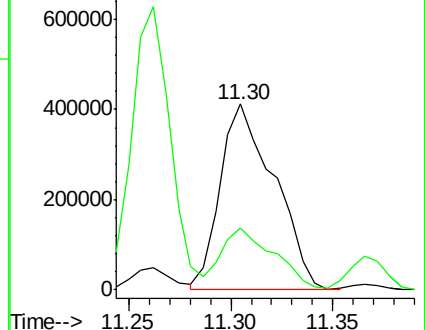
75 100

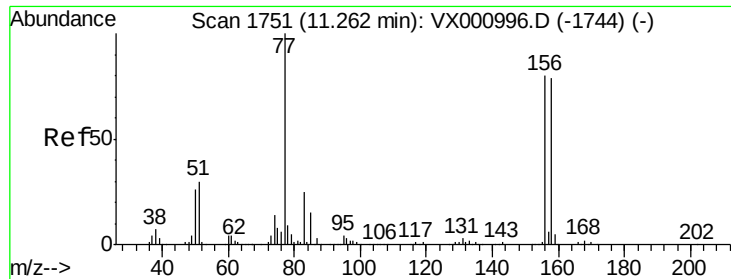
77 32.1 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 167.95 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

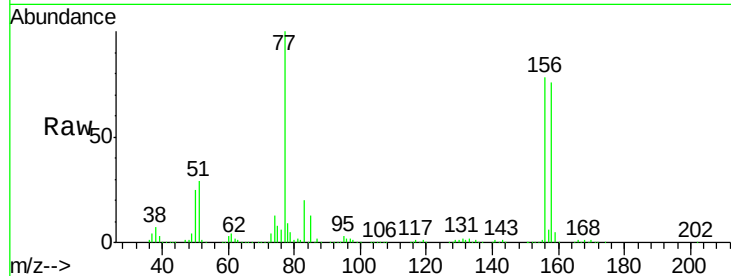
Tgt Ion:156 Resp: 625676

Ion Ratio Lower Upper

156 100

77 132.2 66.3 199.0

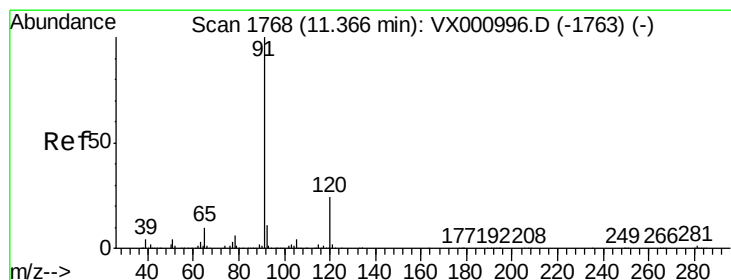
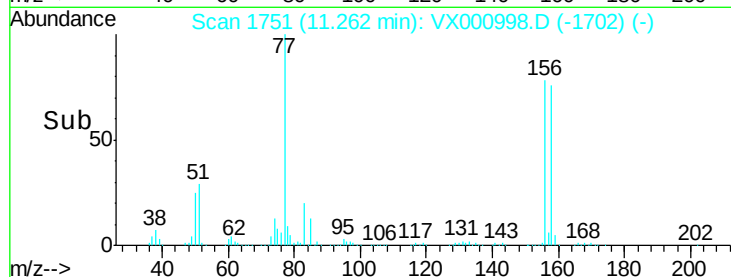
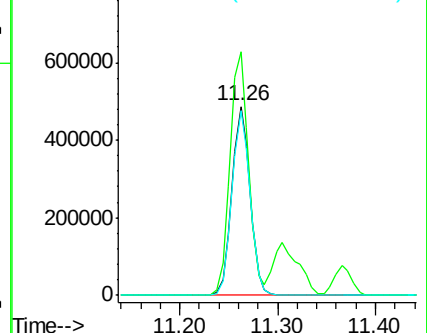
158 98.0 48.9 146.6



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: 163.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000998.D

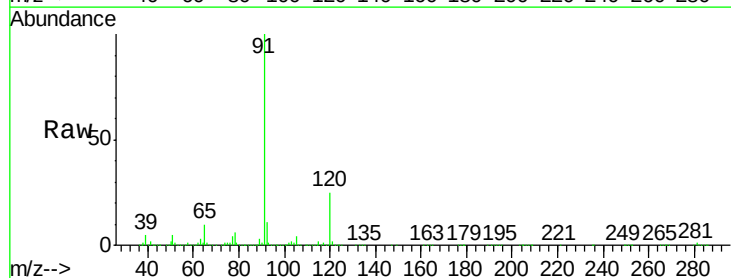
Acq: 19 Apr 2018 19:20

Tgt Ion: 91 Resp: 2405557

Ion Ratio Lower Upper

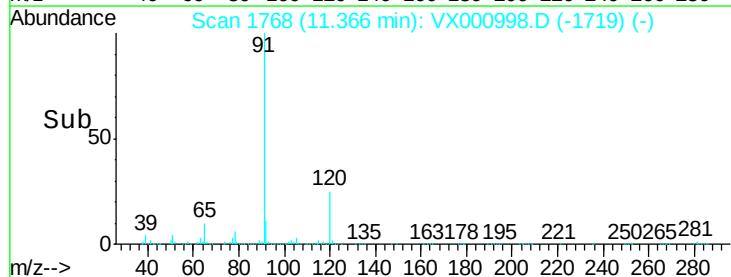
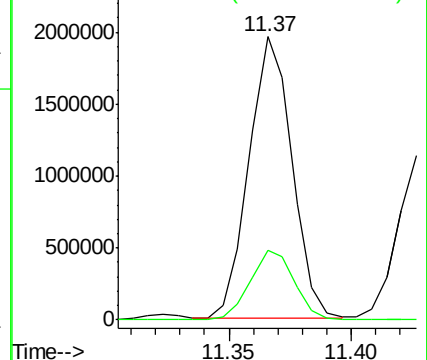
91 100

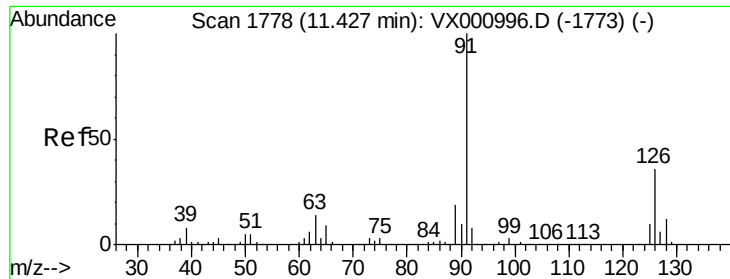
120 25.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 163.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

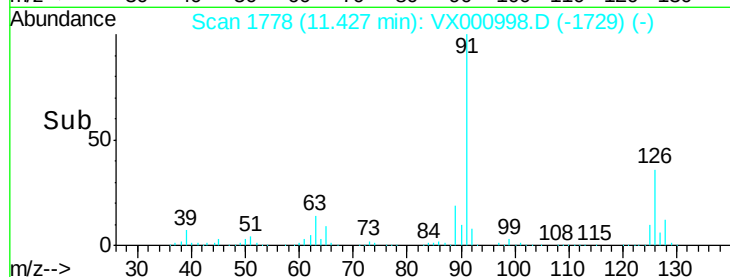
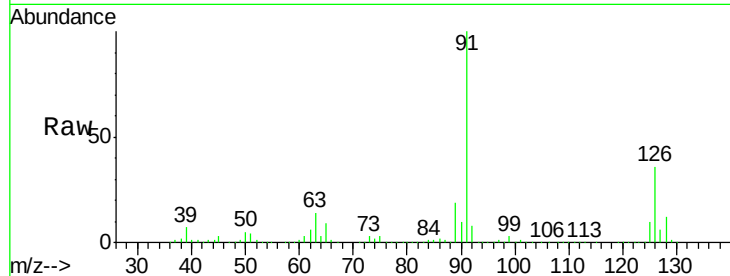
VSTDIC150

Tgt Ion: 91 Resp: 1426748

Ion Ratio Lower Upper

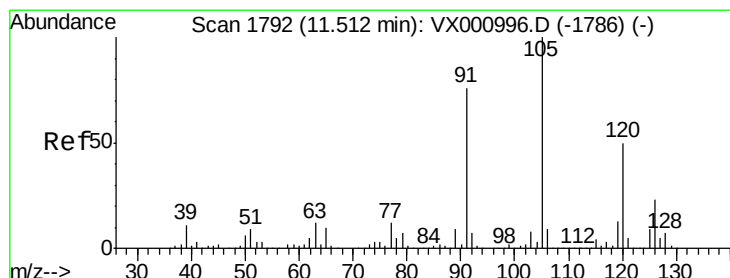
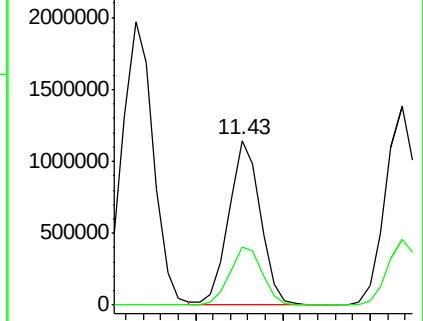
91 100

126 36.9 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000998.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000998.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 169.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000998.D

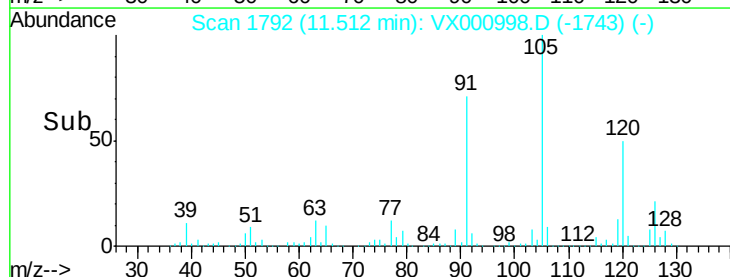
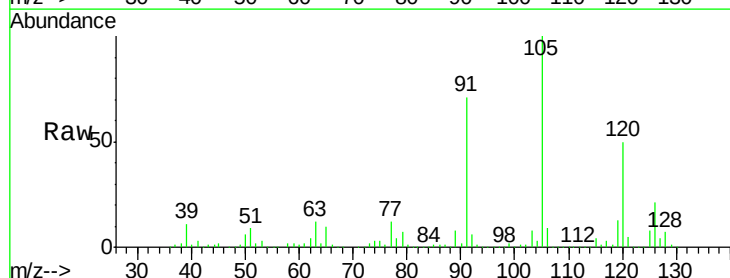
Acq: 19 Apr 2018 19:20

Tgt Ion: 105 Resp: 1835632

Ion Ratio Lower Upper

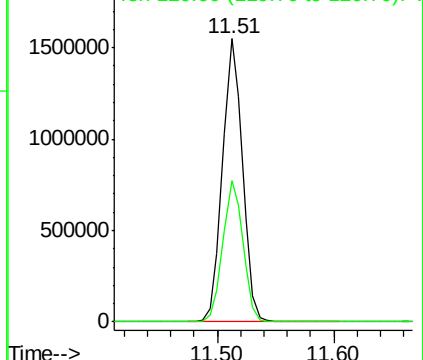
105 100

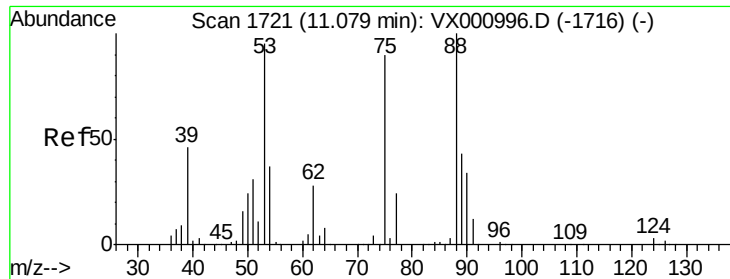
120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000998.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000998.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 206.85 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.01 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

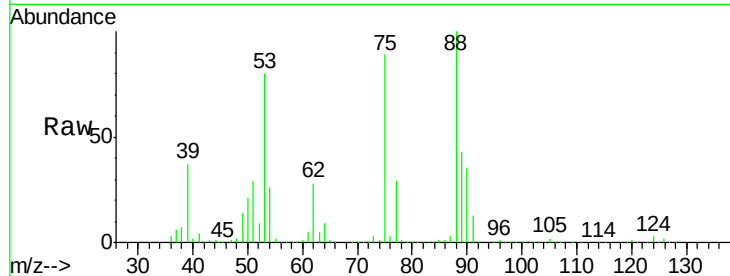
Tgt Ion: 75 Resp: 208130

Ion Ratio Lower Upper

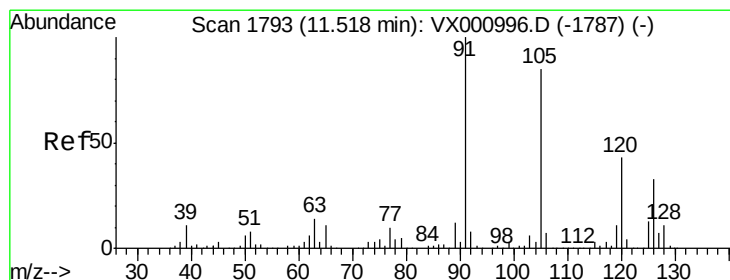
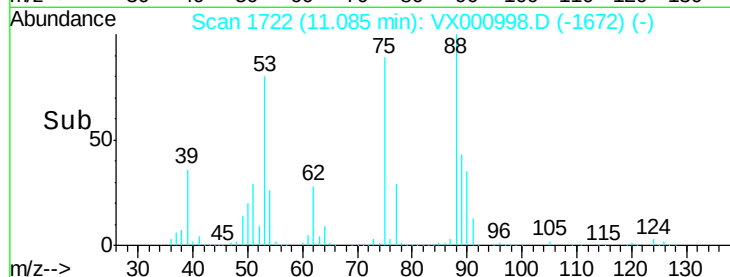
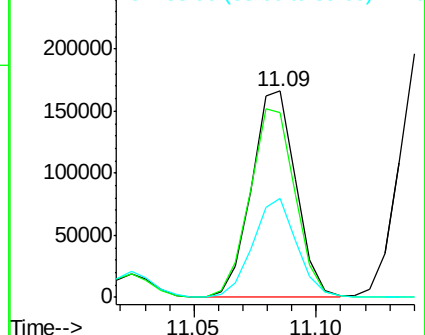
75 100

53 94.0 83.4 125.2

89 47.9 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: 164.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000998.D

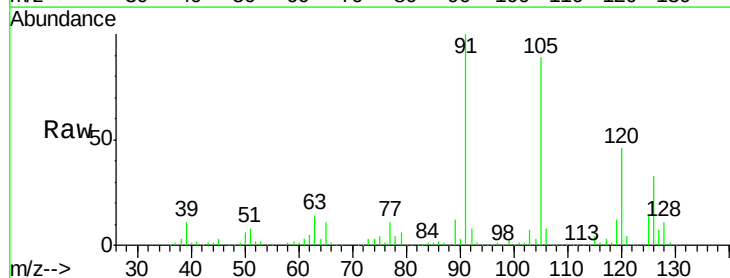
Acq: 19 Apr 2018 19:20

Tgt Ion: 91 Resp: 1727267

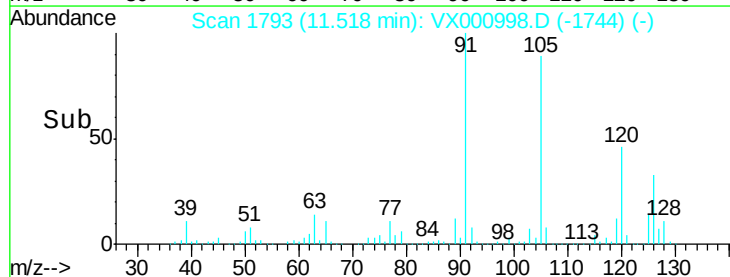
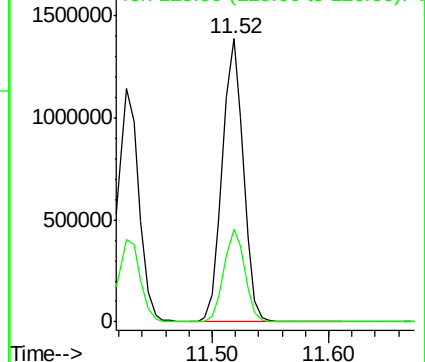
Ion Ratio Lower Upper

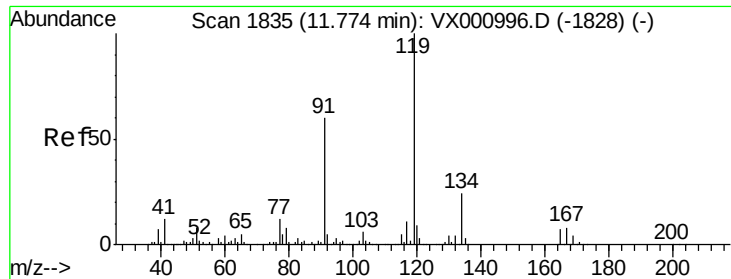
91 100

126 32.4 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

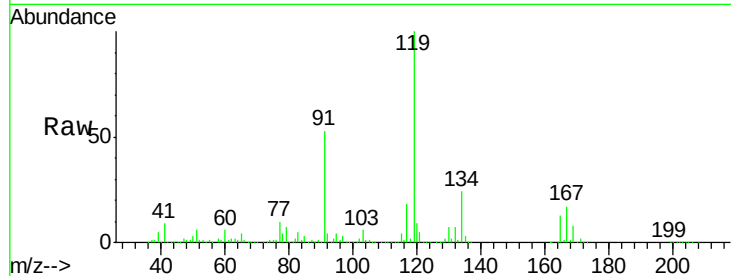




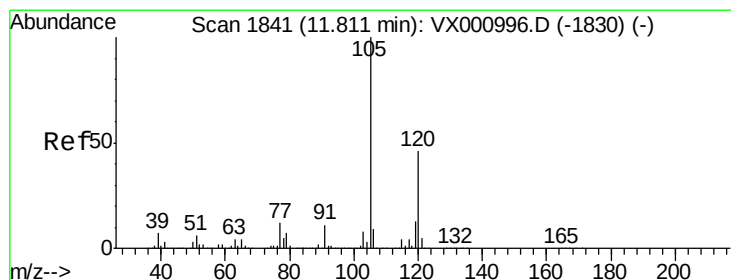
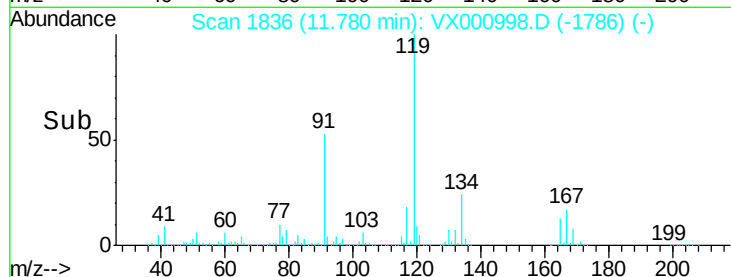
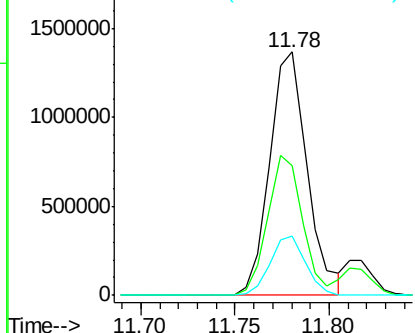
#83
 tert-Butylbenzene
 Concen: 170.31 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1893196
 Ion Ratio Lower Upper
 119 100
 91 53.3 27.0 81.0
 134 23.1 11.6 34.7

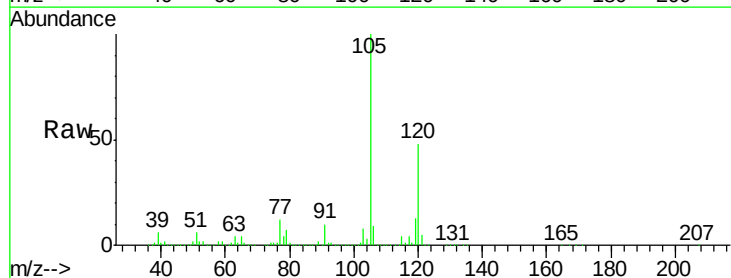


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

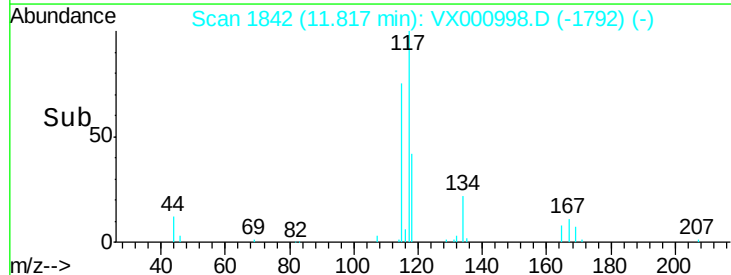
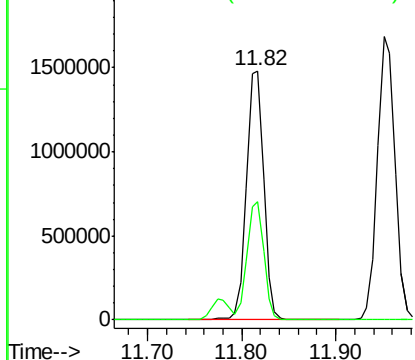


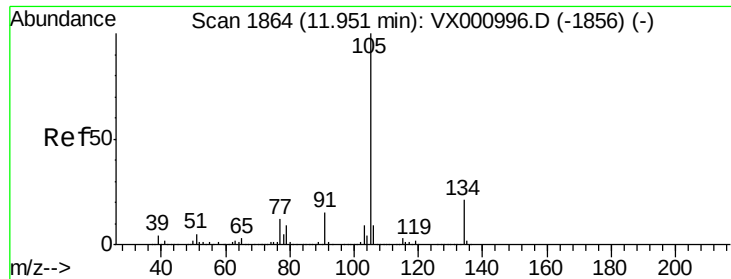
#84
 1,2,4-Trimethylbenzene
 Concen: 171.56 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion:105 Resp: 1890804
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 163.76 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

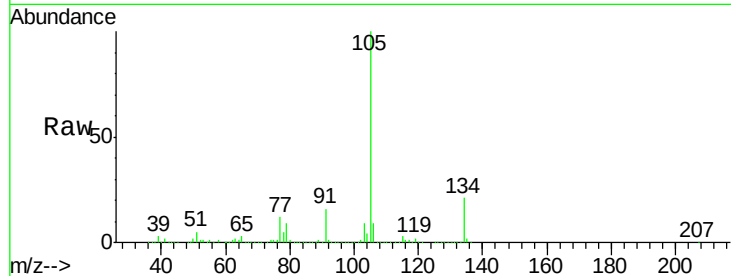
VSTDIC150

Tgt Ion:105 Resp: 2185971

Ion Ratio Lower Upper

105 100

134 21.5 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

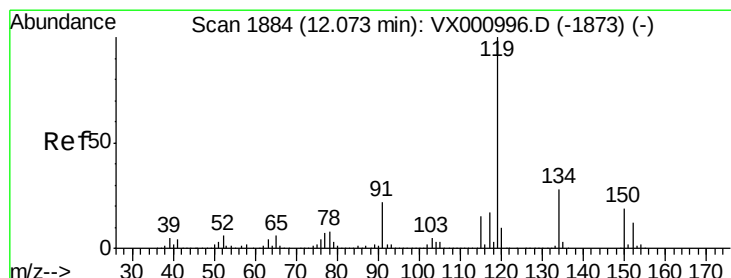
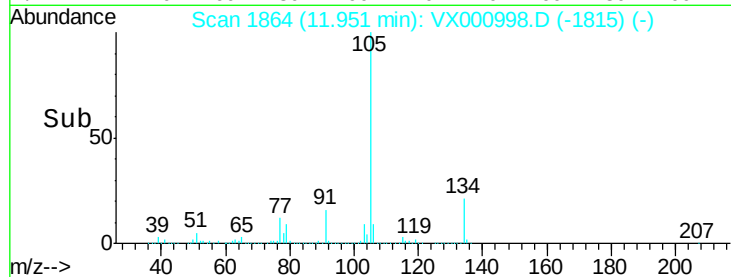
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 166.40 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

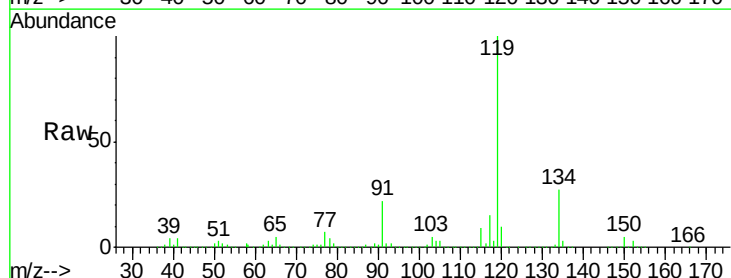
Tgt Ion:119 Resp: 2047772

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

2000000

1500000

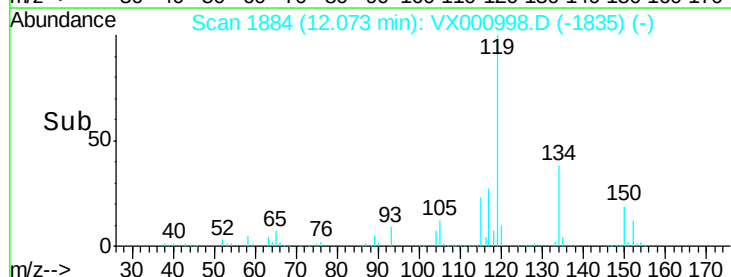
1000000

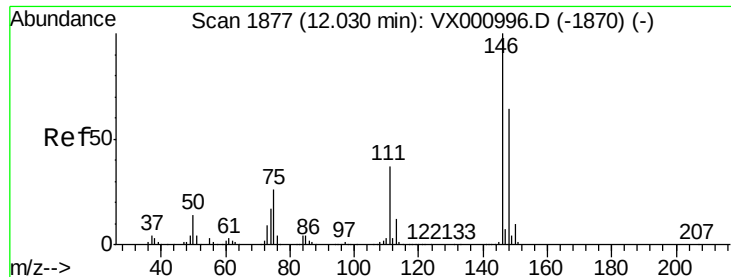
500000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 166.49 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

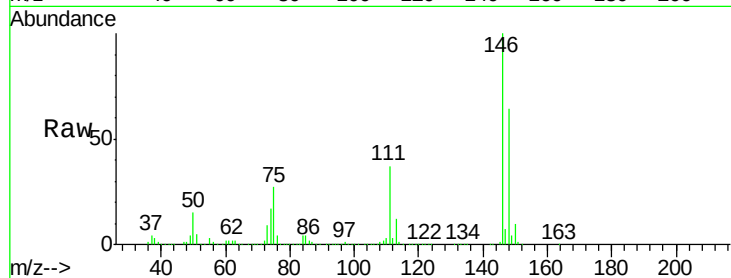
Tgt Ion:146 Resp: 1163953

Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

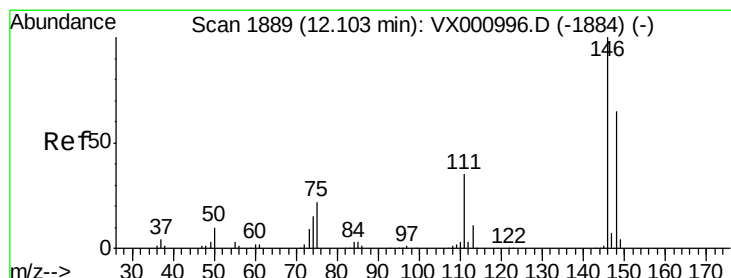
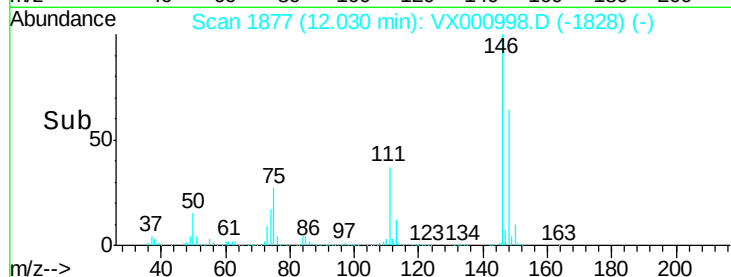
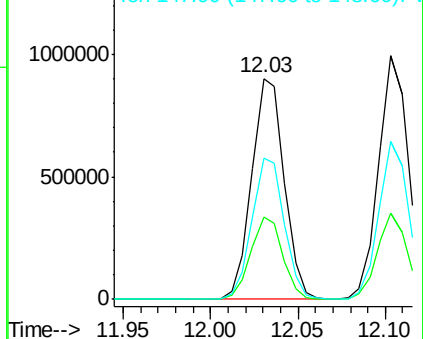
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 165.97 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX000998.D

Acq: 19 Apr 2018 19:20

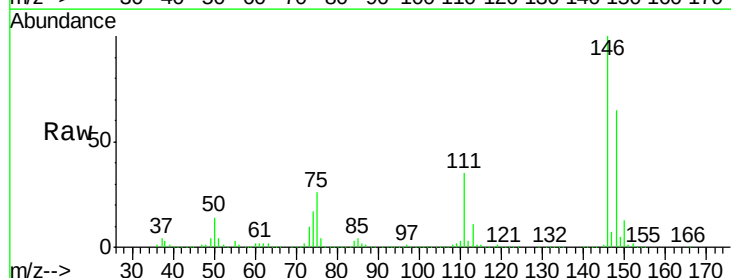
Tgt Ion:146 Resp: 1180728

Ion Ratio Lower Upper

146 100

111 35.2 18.0 54.0

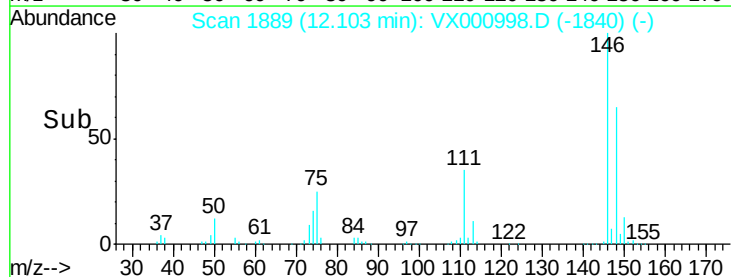
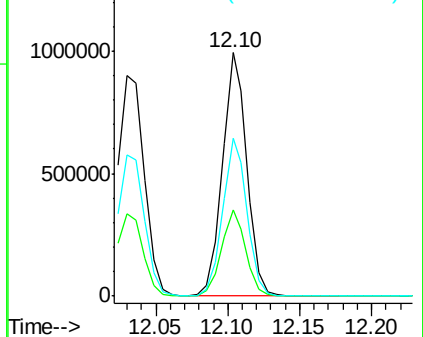
148 64.7 32.4 97.0

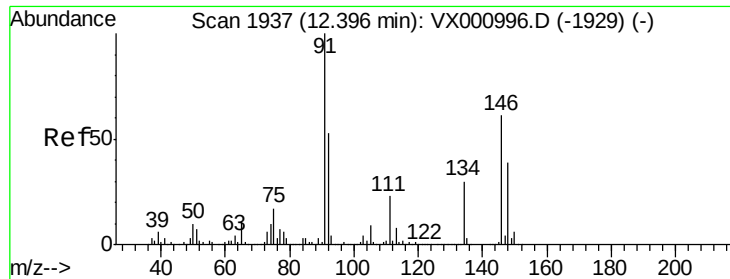


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

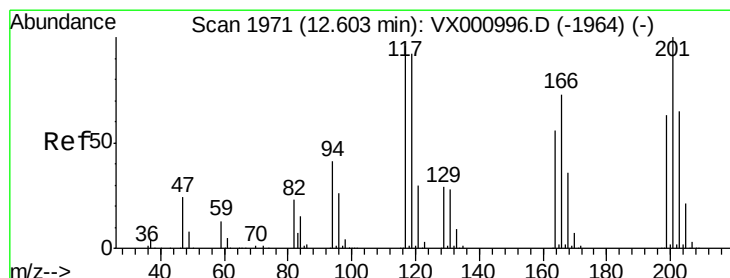
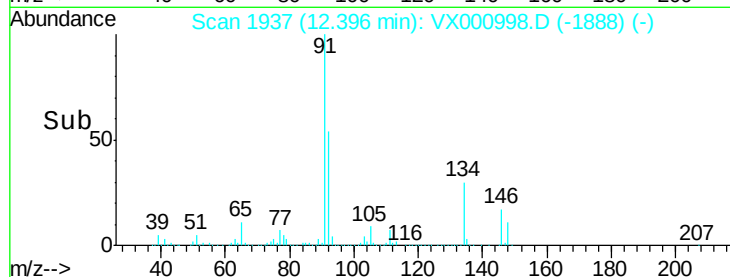
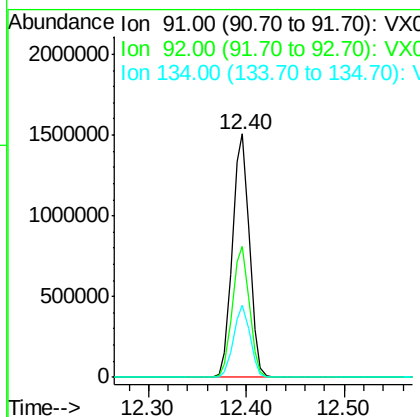
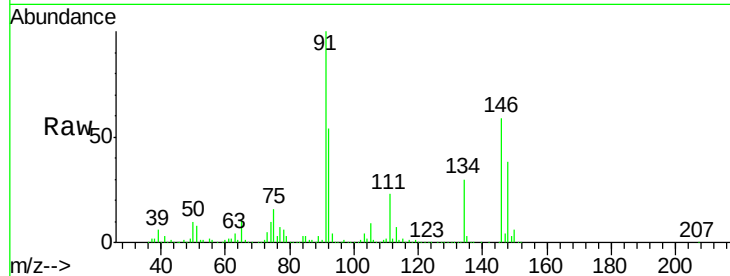




#89
n-Butylbenzene
Concen: 163.53 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

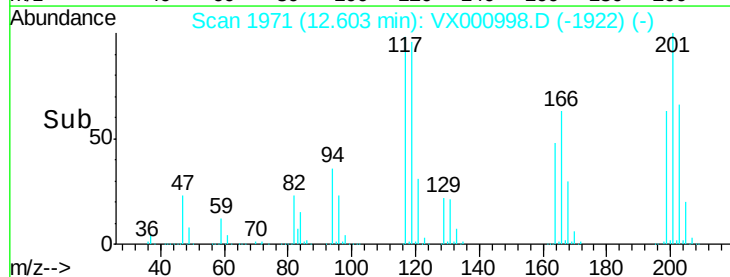
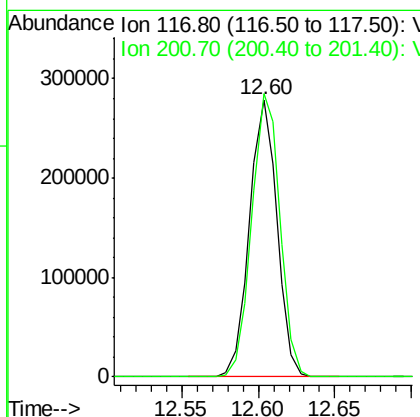
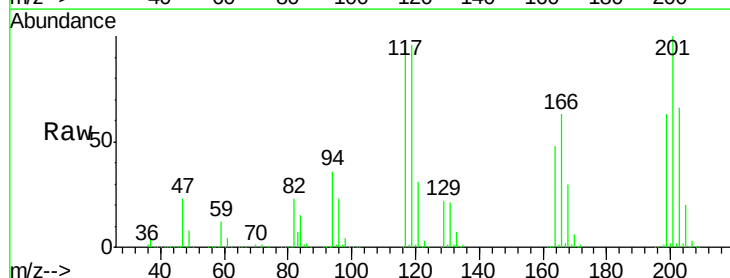
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

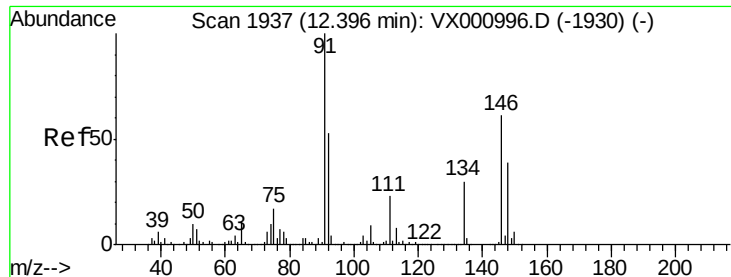
Tgt Ion: 91 Resp: 1815826
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 29.0 14.4 43.0



#90
Hexachloroethane
Concen: 196.49 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion: 117 Resp: 349570
Ion Ratio Lower Upper
117 100
201 104.7 52.3 157.1

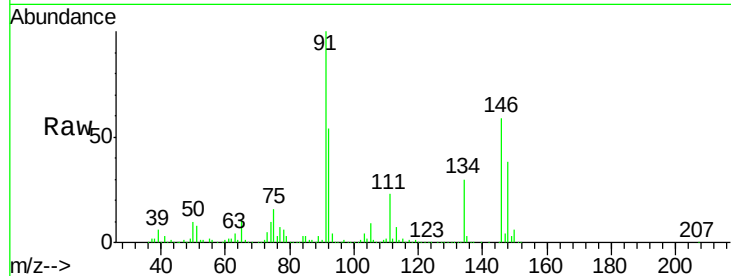




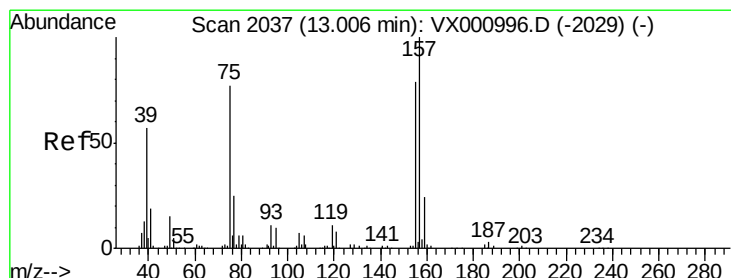
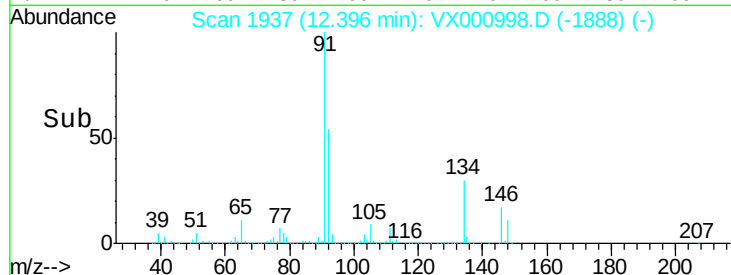
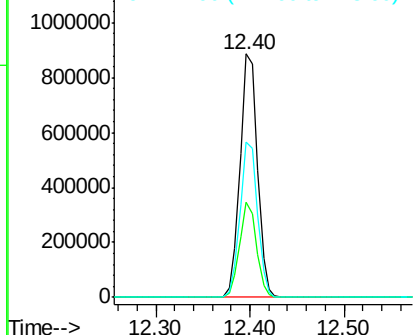
#91
 1,2-Dichlorobenzene
 Concen: 168.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1139794
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 64.3 32.3 96.8

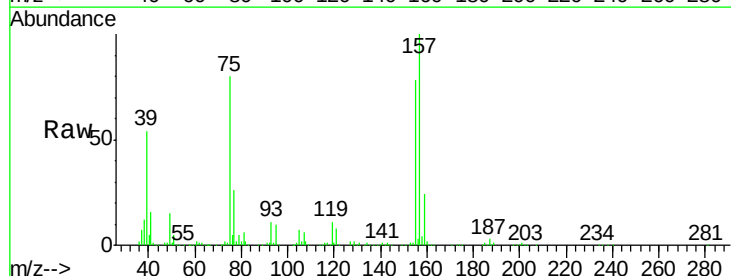


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

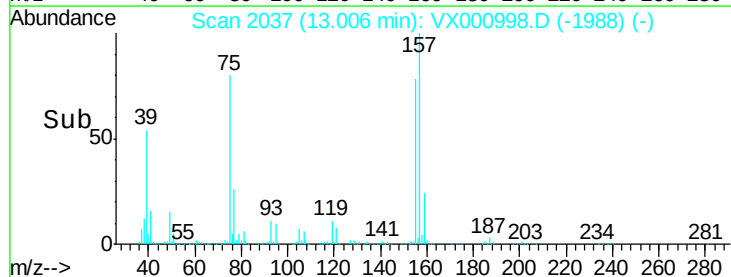
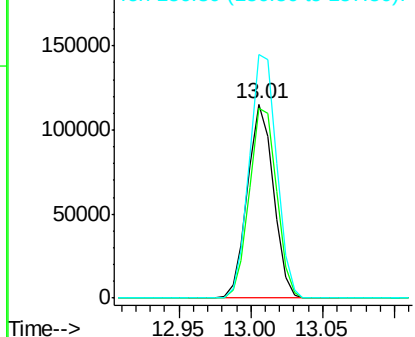


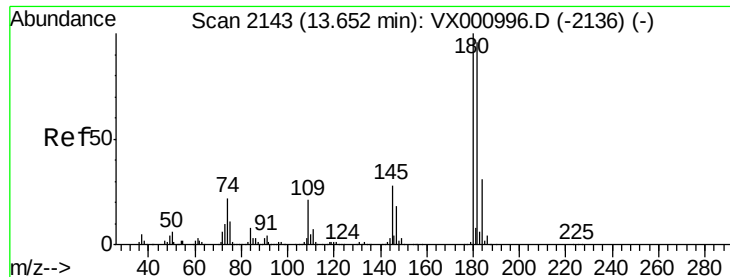
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 191.18 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion: 75 Resp: 143522
 Ion Ratio Lower Upper
 75 100
 155 102.6 51.0 153.0
 157 131.8 64.9 194.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

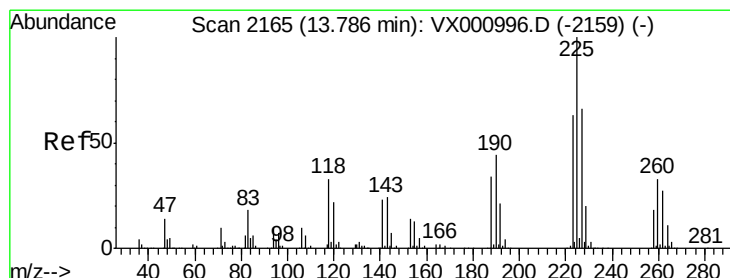
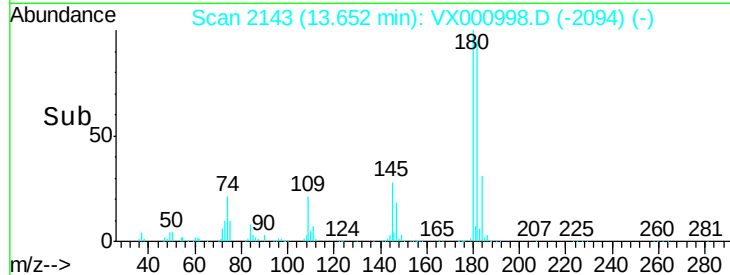
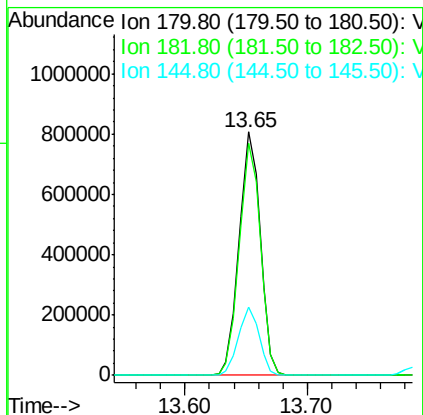
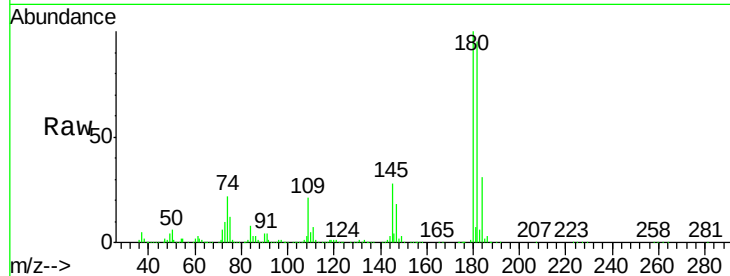




#93
 1,2,4-Trichlorobenzene
 Concen: 160.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

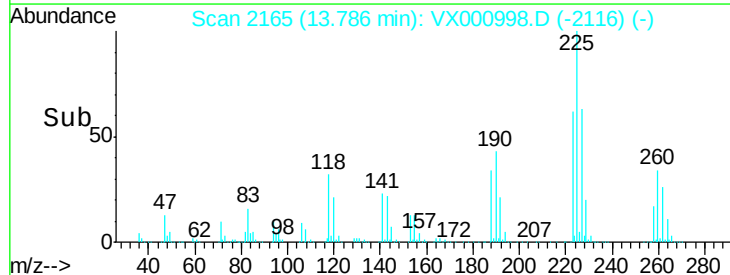
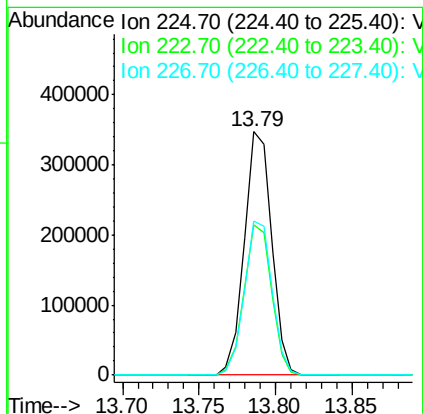
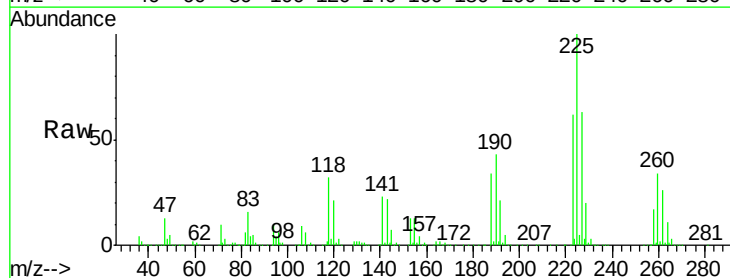
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

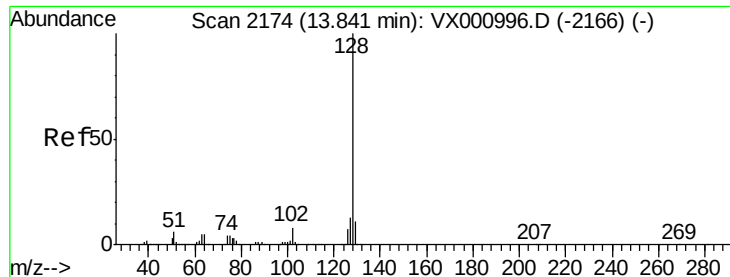
Tgt Ion:180 Resp: 959708
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.0
 145 27.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 162.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000998.D
 Acq: 19 Apr 2018 19:20

Tgt Ion:225 Resp: 432003
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.5 94.5
 227 63.8 32.6 97.8

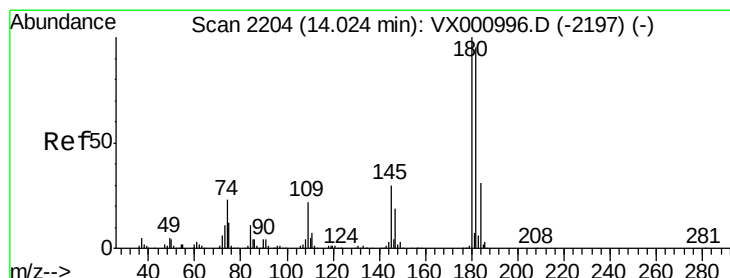
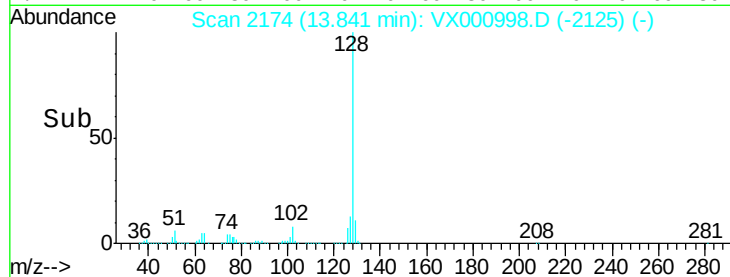
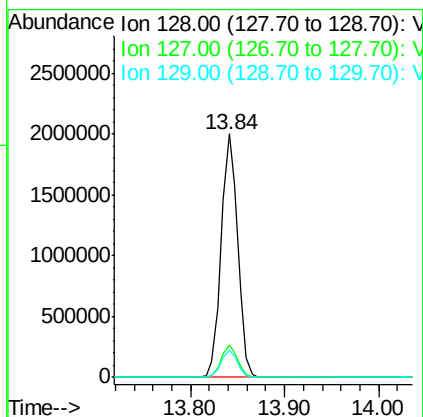
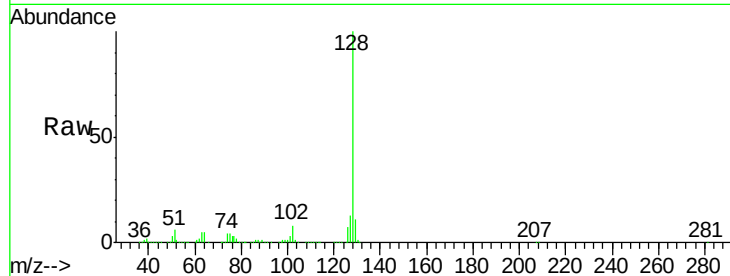




#95
Naphthalene
Concen: 173.44 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion:128 Resp: 2428433
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 165.79 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX000998.D
Acq: 19 Apr 2018 19:20

Tgt Ion:180 Resp: 923133
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.7
145 29.3 14.5 43.6

