

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
 Data File : VX002597.D
 Acq On : 15 Jun 2018 13:21
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 15 13:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347211	90.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.94%	
35) Dibromofluoromethane	5.51	113	278182	100.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.72%	
50) Toluene-d8	8.72	98	1066959	100.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.84%	
62) 4-Bromofluorobenzene	11.14	95	415136	101.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	242447	94.525	ug/l	99
3) Chloromethane	1.32	50	274027	81.191	ug/l	99
4) Vinyl Chloride	1.40	62	302959	93.721	ug/l	99
5) Bromomethane	1.64	94	171315	66.677	ug/l	99
6) Chloroethane	1.71	64	198333	94.849	ug/l	98
7) Trichlorofluoromethane	1.92	101	517322	105.035	ug/l	98
8) Diethyl Ether	2.19	74	185982	92.703	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	287778	108.274	ug/l	100
10) Methyl Iodide	2.51	142	400997	107.264	ug/l	99
11) Tert butyl alcohol	3.09	59	343419	434.348	ug/l	98
12) 1,1-Dichloroethene	2.37	96	262440	99.914	ug/l	99
13) Acrolein	2.29	56	171833	451.189	ug/l	100
14) Allyl chloride	2.73	41	530983	93.150	ug/l	98
15) Acrylonitrile	3.15	53	793461	471.489	ug/l	100
16) Acetone	2.45	43	752661	426.590	ug/l	100
17) Carbon Disulfide	2.56	76	679649	98.173	ug/l	98
18) Methyl Acetate	2.78	43	415818	99.894	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	975156	93.722	ug/l	99
20) Methylene Chloride	2.86	84	293006	83.575	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	284923	98.365	ug/l	97
22) Diisopropyl ether	3.88	45	932461	87.670	ug/l	99
23) Vinyl Acetate	3.83	43	3999426	432.803	ug/l	99
24) 1,1-Dichloroethane	3.70	63	470492	83.511	ug/l	100
25) 2-Butanone	4.71	43	1053477	435.460	ug/l	98
26) 2,2-Dichloropropane	4.59	77	387633	88.020	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	288933	91.721	ug/l	95
28) Bromochloromethane	5.03	49	242100	88.741	ug/l	98
29) Tetrahydrofuran	5.17	42	687563	440.810	ug/l	98
30) Chloroform	5.22	83	506477	93.163	ug/l	96
31) Cyclohexane	5.57	56	442712	99.374	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	450041	97.611	ug/l	99
36) 1,1-Dichloropropene	5.80	75	377514	101.877	ug/l	100
37) Ethyl Acetate	4.87	43	419912	94.228	ug/l	100
38) Carbon Tetrachloride	5.78	117	406221	104.788	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	458097	108.468	ug/l	97
40) Benzene	6.15	78	1101483	96.945	ug/l	99
41) Methacrylonitrile	5.07	41	238706	93.571	ug/l	98
42) 1,2-Dichloroethane	6.20	62	417577	92.503	ug/l	100
43) Isopropyl Acetate	6.47	43	713731	94.294	ug/l	100
44) Trichloroethene	7.21	130	326638	103.584	ug/l	99
45) 1,2-Dichloropropane	7.52	63	291081	94.897	ug/l	99
46) Dibromomethane	7.67	93	198682	95.550	ug/l	99
47) Bromodichloromethane	7.90	83	378343	100.604	ug/l	98
48) Methyl methacrylate	7.78	41	363045	95.485	ug/l	98
49) 1,4-Dioxane	7.76	88	133351	1875.803	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	2285661	484.898	ug/l	99
52) Toluene	8.79	92	726055	100.473	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	459547	101.898	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	439021	103.180	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	292216	98.318	ug/l	97
56) Ethyl methacrylate	9.18	69	470245	99.100	ug/l	98
57) 1,3-Dichloropropane	9.38	76	478317	95.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1113940	507.207	ug/l	99
59) 2-Hexanone	9.50	43	1748665	480.285	ug/l	98
60) Dibromochloromethane	9.59	129	323596	108.243	ug/l	99
61) 1,2-Dibromoethane	9.68	107	310740	100.271	ug/l	99
64) Tetrachloroethene	9.34	164	370228	105.127	ug/l	98
65) Chlorobenzene	10.14	112	836280	98.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	311239	101.162	ug/l	99
67) Ethyl Benzene	10.26	91	1431439	100.666	ug/l	99
68) m/p-Xylenes	10.36	106	1123154	203.191	ug/l	100
69) o-Xylene	10.70	106	549300	99.858	ug/l	98
70) Styrene	10.72	104	933502	103.809	ug/l	99
71) Bromoform	10.86	173	260603	106.843	ug/l	100
73) Isopropylbenzene	11.02	105	1498539	96.418	ug/l	100
74) N-amyl acetate	6.47	43	713731	85.226	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	434814	88.951	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	525449	107.181	ug/l	80
77) Bromobenzene	11.26	156	412029	94.431	ug/l	97
78) n-propylbenzene	11.37	91	1728409	100.054	ug/l	100
79) 2-Chlorotoluene	11.43	91	999122	91.597	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1279389	95.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	132323	94.614	ug/l	99
82) 4-Chlorotoluene	11.51	91	1214659	96.475	ug/l	99
83) tert-Butylbenzene	11.77	119	1239759	95.503	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1306616	95.216	ug/l	100
85) sec-Butylbenzene	11.95	105	1548796	101.771	ug/l	100
86) p-Isopropyltoluene	12.07	119	1407281	101.521	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	754163	96.667	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	763757	94.976	ug/l	99
89) n-Butylbenzene	12.39	91	1265674	108.867	ug/l	99
90) Hexachloroethane	12.60	117	217780	98.419	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	760235	94.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	104195	97.473	ug/l	98

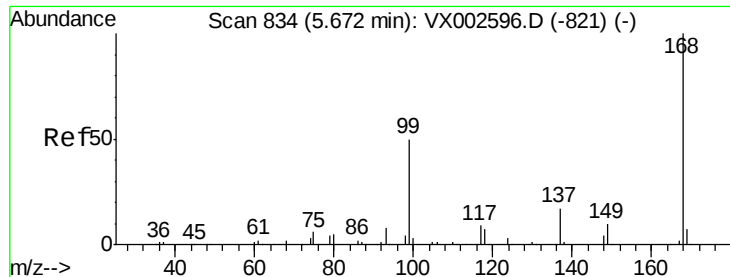
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	575078	101.604	ug/l	100
94) Hexachlorobutadiene	13.79	225	308115	110.163	ug/l	98
95) Naphthalene	13.84	128	1566828	96.347	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	568905	98.557	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

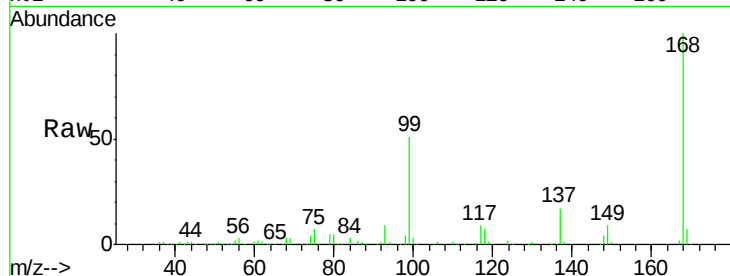
VSTDIC100

Tgt Ion:168 Resp: 246735

Ion Ratio Lower Upper

168 100

99 50.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

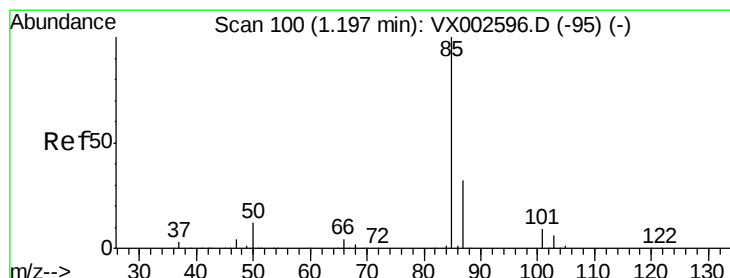
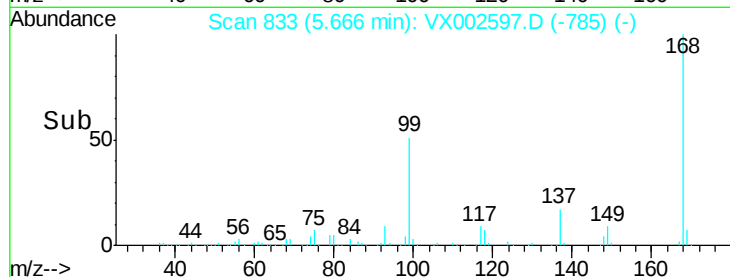
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 94.525 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002597.D

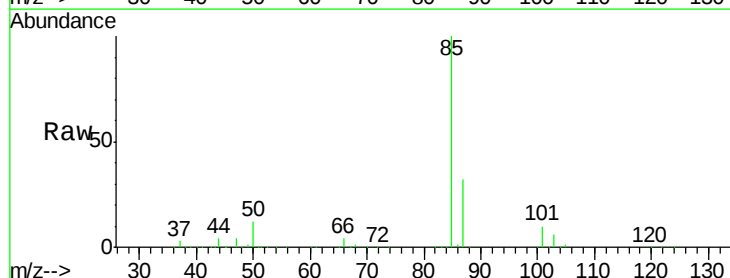
Acq: 15 Jun 2018 13:21

Tgt Ion: 85 Resp: 242447

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

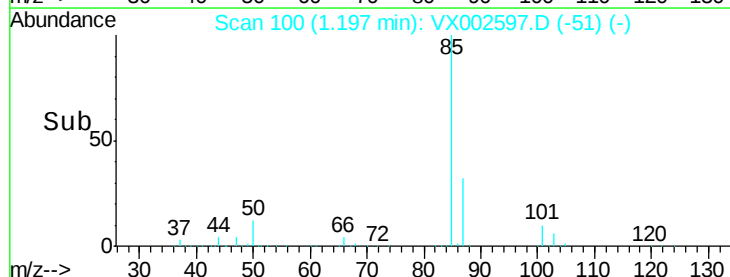
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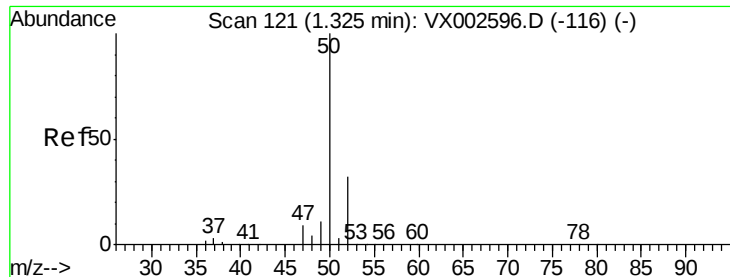
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0

1.10 1.20 1.30

Time-->

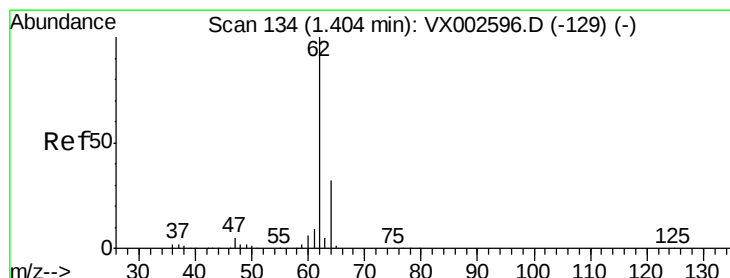
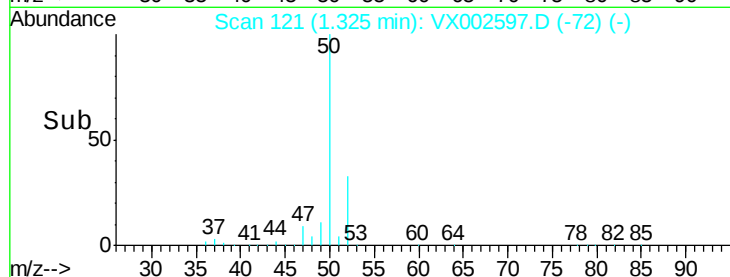
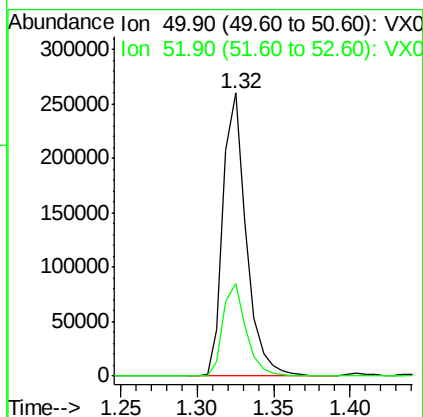
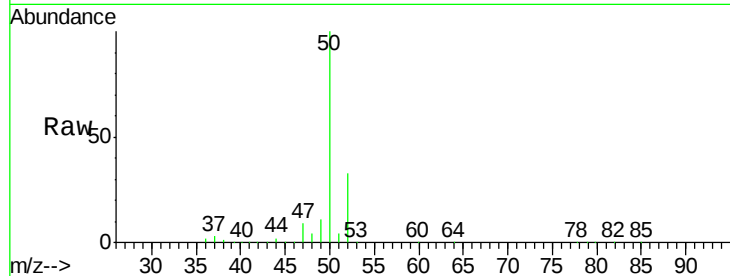




#3
Chloromethane
Concen: 81.191 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

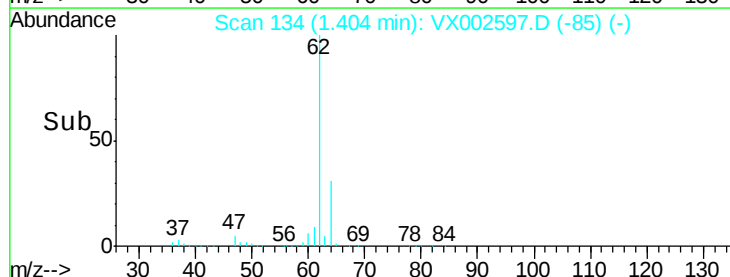
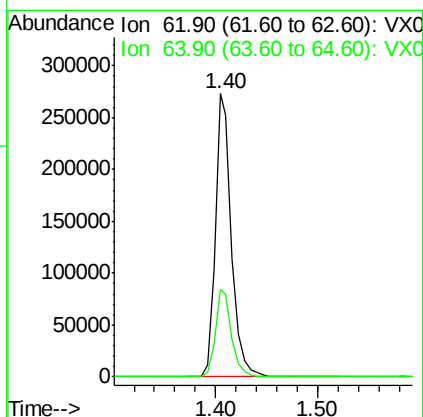
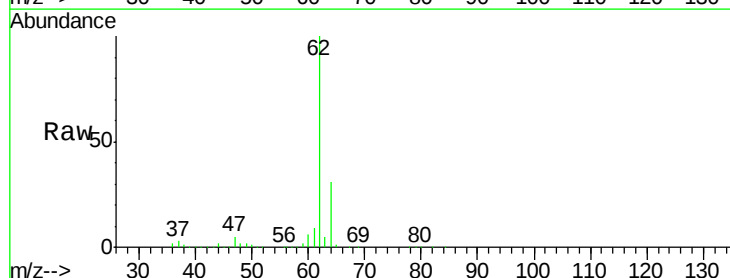
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

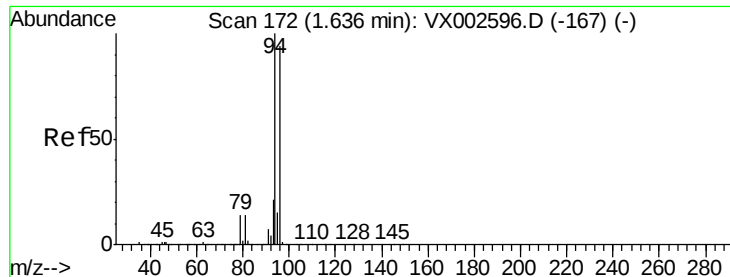
Tgt Ion: 50 Resp: 274027
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 93.721 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 62 Resp: 302959
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5

Bromomethane

Concen: 66.677 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

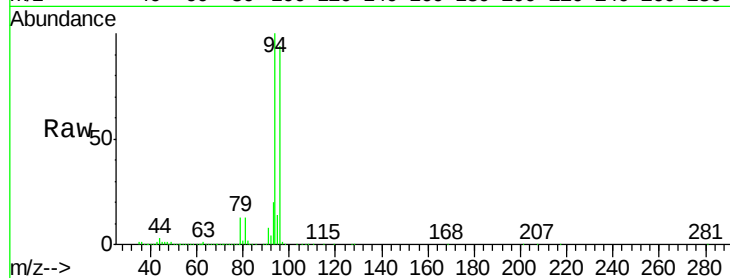
VSTDIC100

Tgt Ion: 94 Resp: 171315

Ion Ratio Lower Upper

94 100

96 94.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

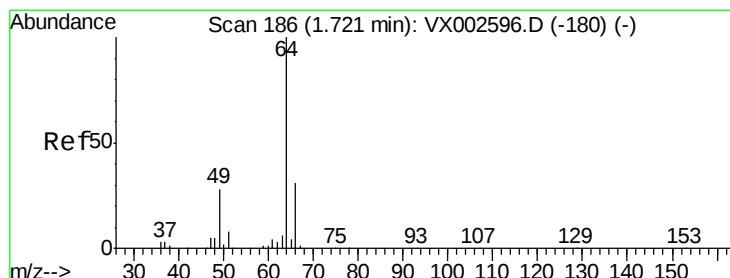
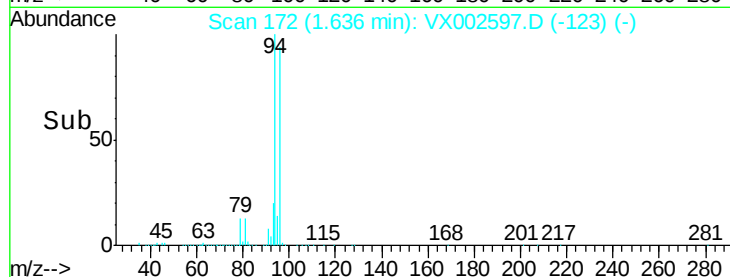
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 94.849 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX002597.D

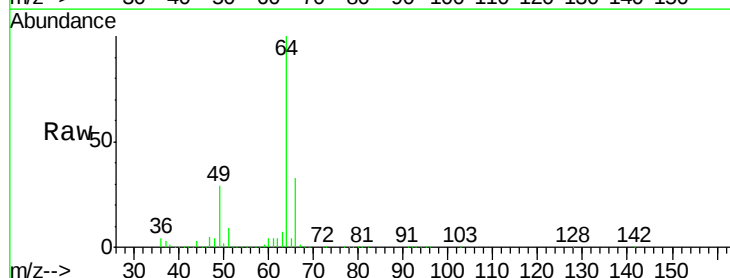
Acq: 15 Jun 2018 13:21

Tgt Ion: 64 Resp: 198333

Ion Ratio Lower Upper

64 100

66 33.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

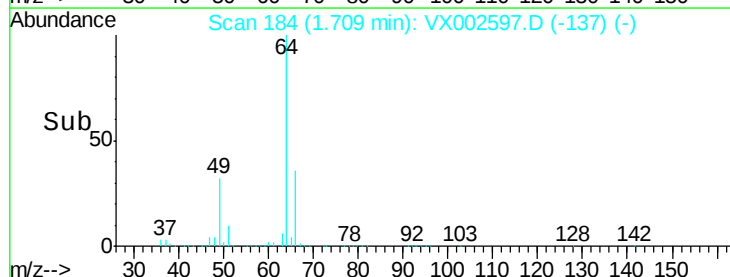
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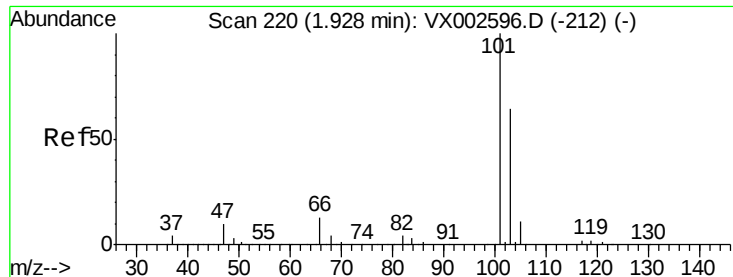
100000

50000

0

Time--> 1.60 1.70 1.80 1.90



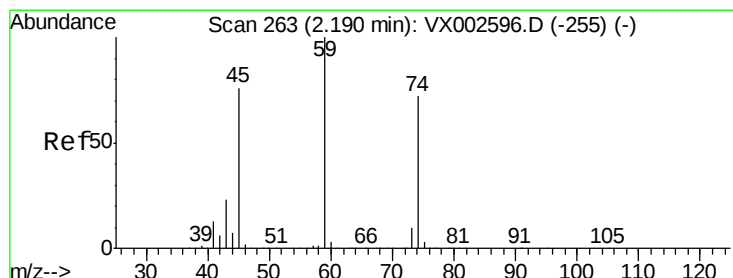
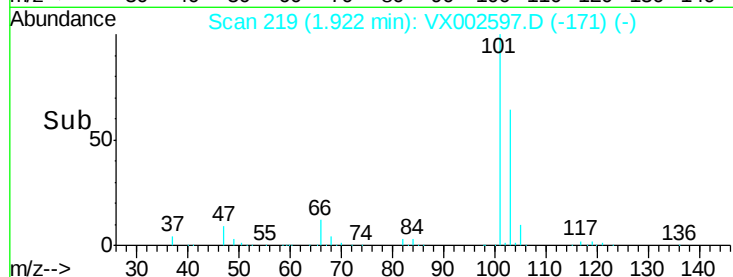
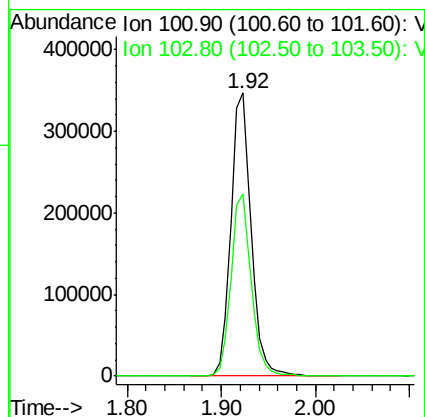
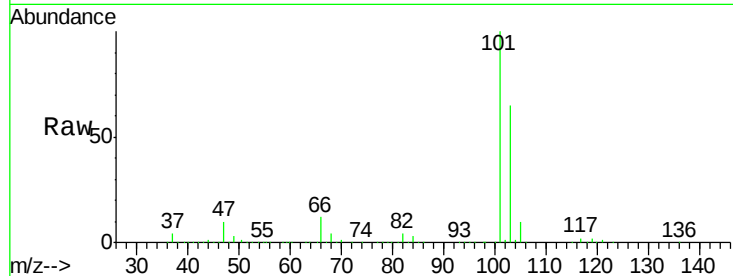


#7

Trichlorofluoromethane
 Concen: 105.035 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

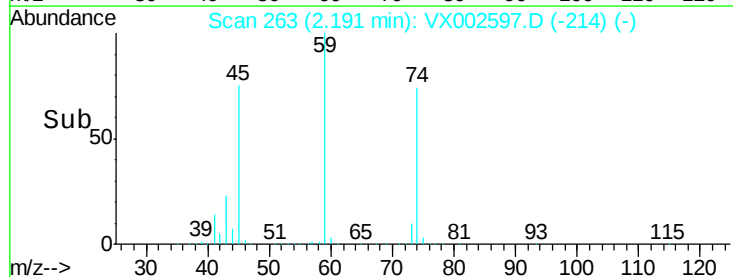
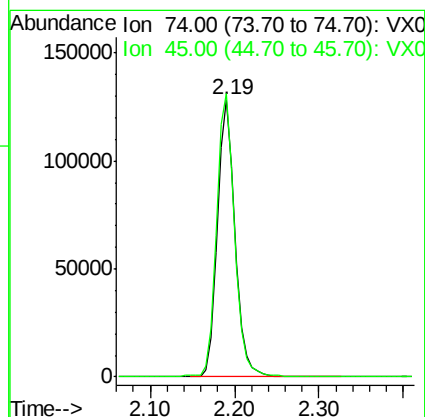
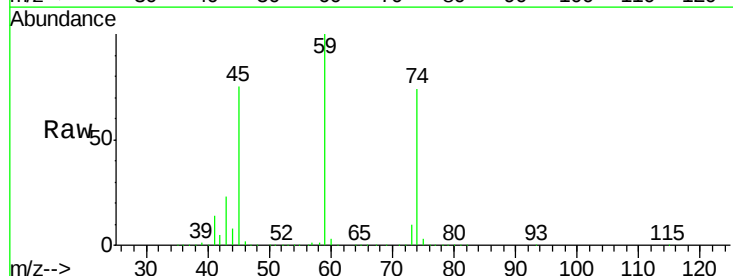
Tgt Ion:101 Resp: 517322
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2



#8

Diethyl Ether
 Concen: 92.703 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion: 74 Resp: 185982
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 108.274 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

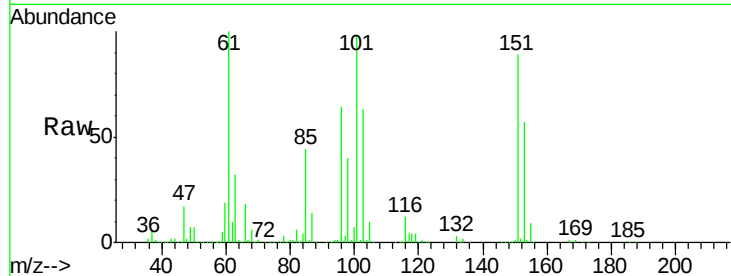
Tgt Ion:101 Resp: 287778

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

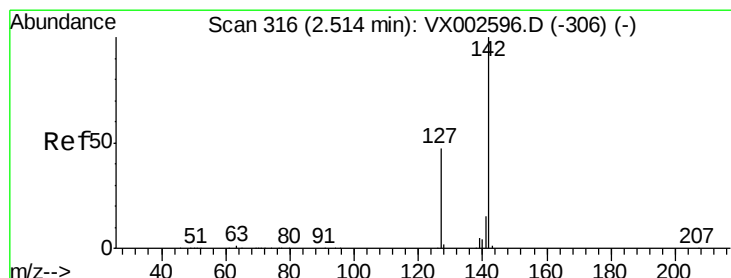
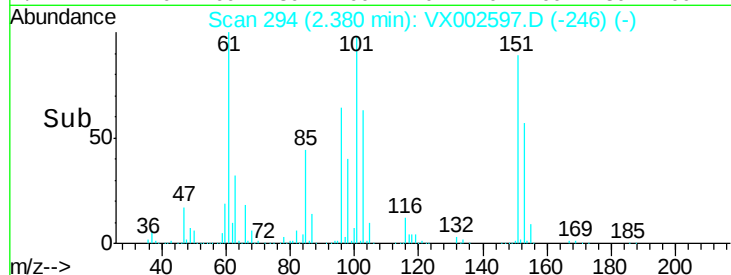
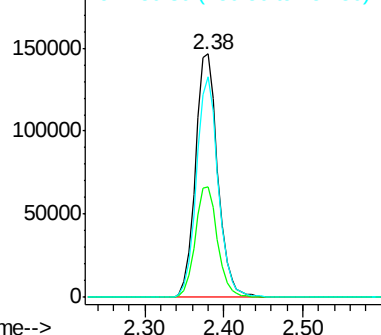
151 88.6 70.9 106.3



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: 107.264 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

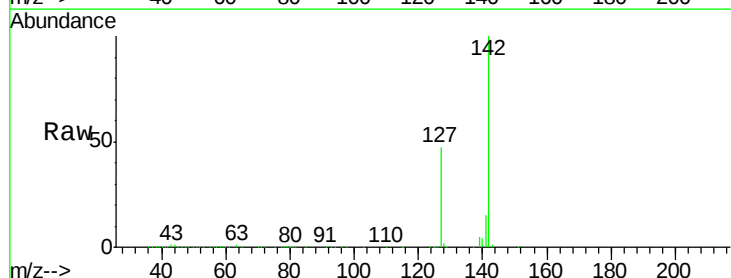
Tgt Ion:142 Resp: 400997

Ion Ratio Lower Upper

142 100

127 46.9 36.6 55.0

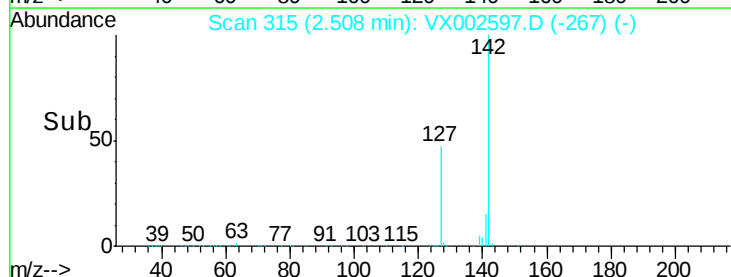
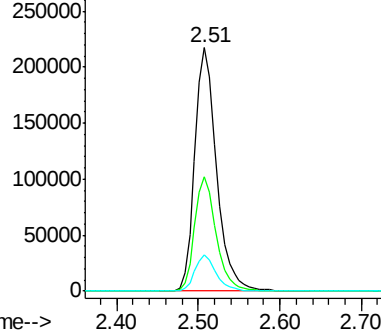
141 14.4 11.3 16.9

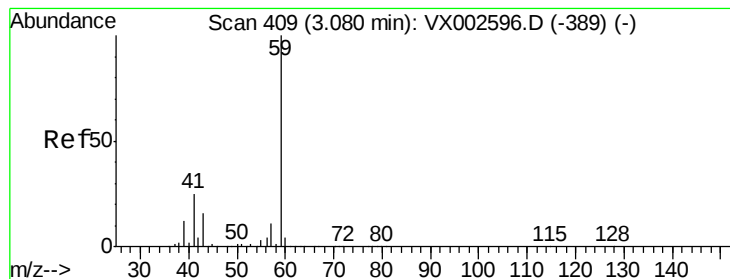


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



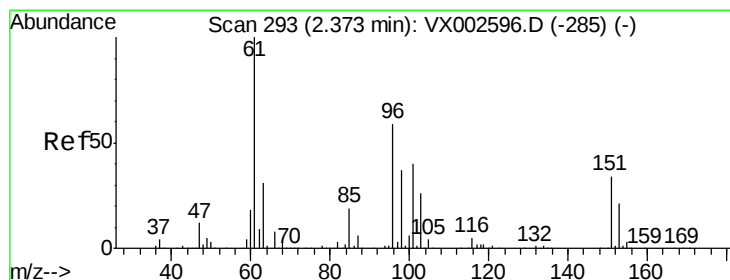
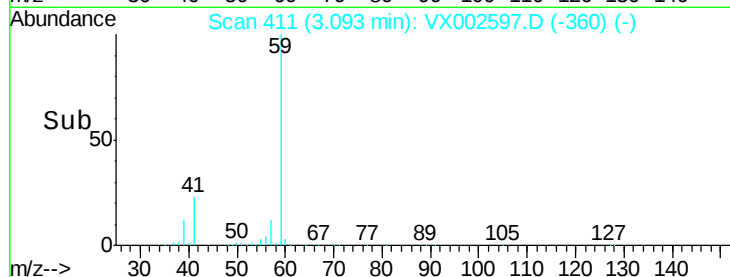
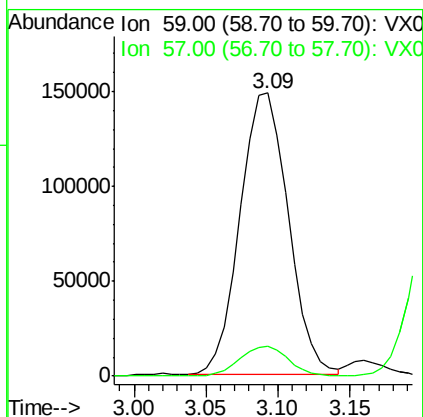
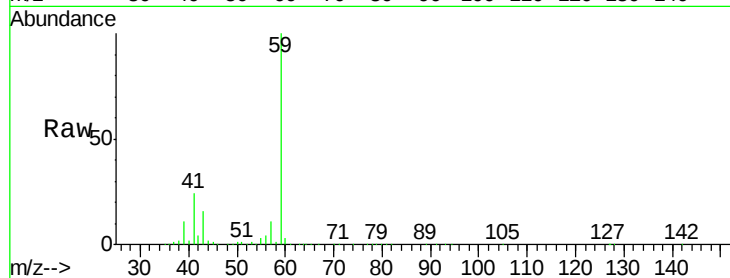


#11

Tert butyl alcohol
Concen: 434.348 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

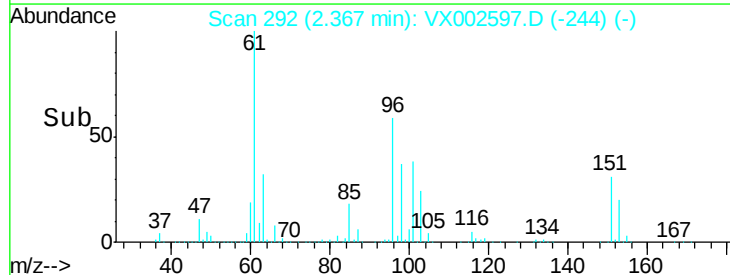
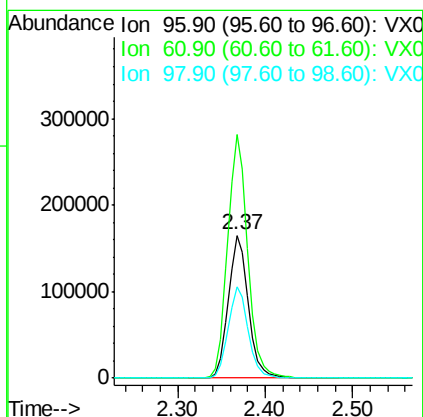
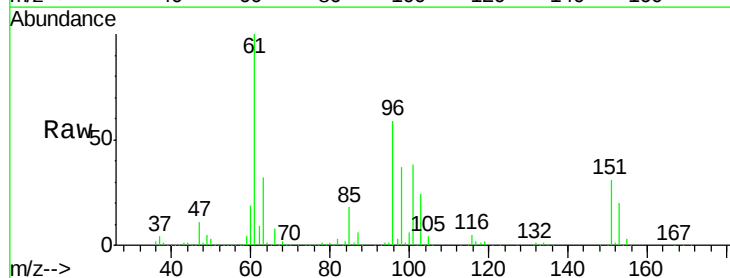
Tgt Ion: 59 Resp: 343419
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

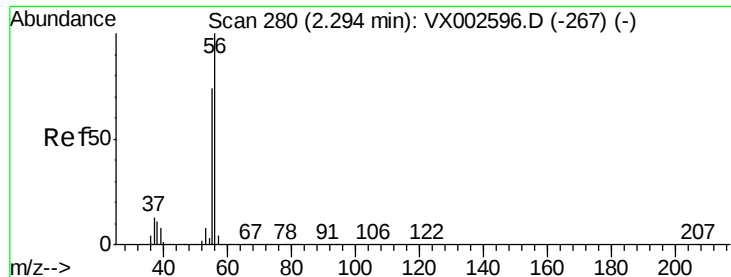


#12

1,1-Dichloroethene
Concen: 99.914 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 96 Resp: 262440
Ion Ratio Lower Upper
96 100
61 170.6 137.9 206.9
98 63.9 51.6 77.4





#13

Acrolein

Concen: 451.189 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

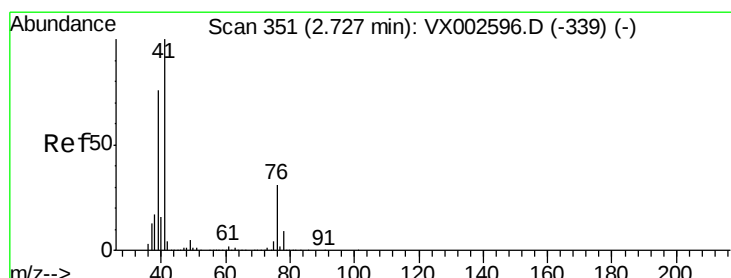
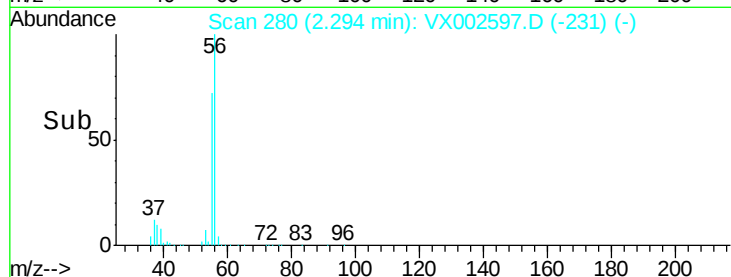
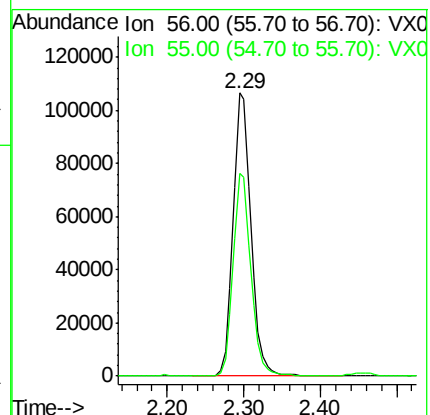
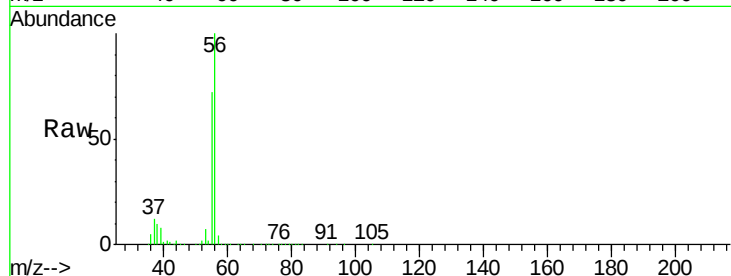
VSTDIC100

Tgt Ion: 56 Resp: 171833

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 93.150 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

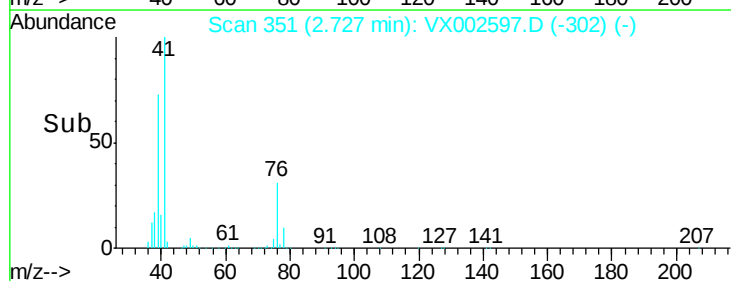
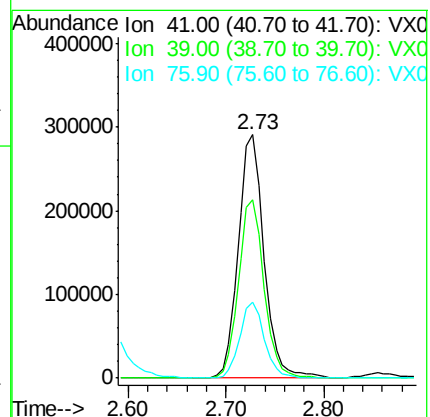
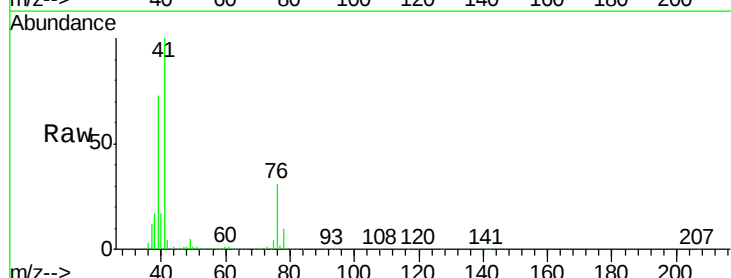
Tgt Ion: 41 Resp: 530983

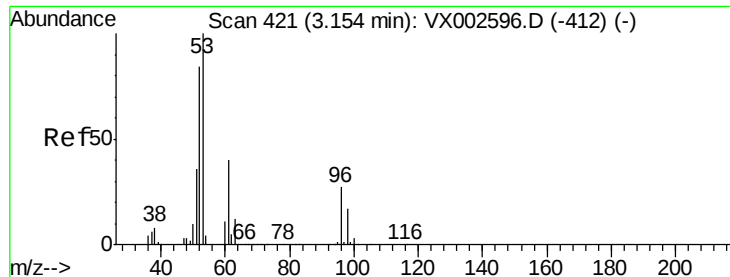
Ion Ratio Lower Upper

41 100

39 72.8 56.8 85.2

76 30.1 23.8 35.8





#15

Acrylonitrile

Concen: 471.489 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

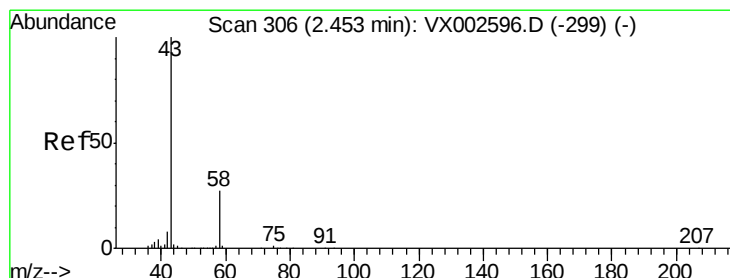
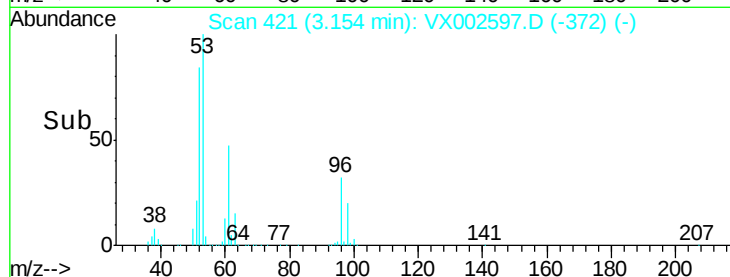
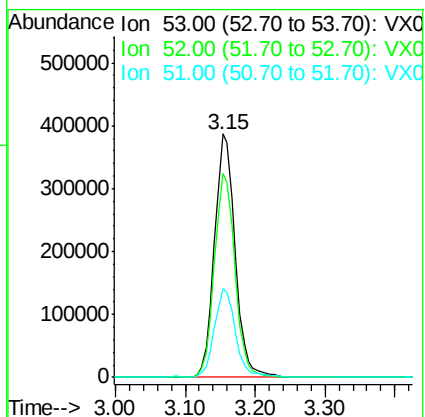
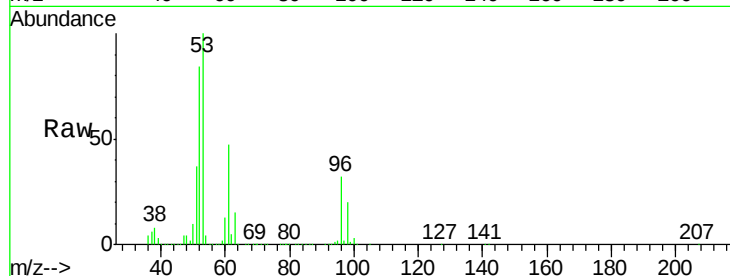
Tgt Ion: 53 Resp: 793461

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 426.590 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002597.D

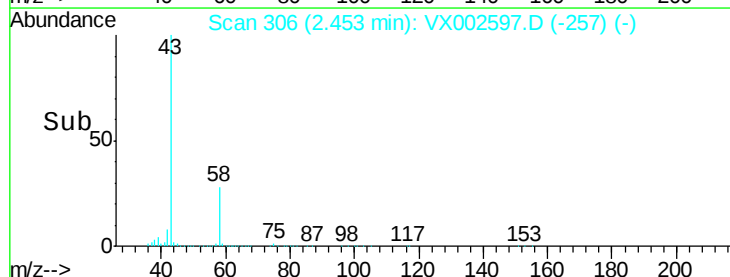
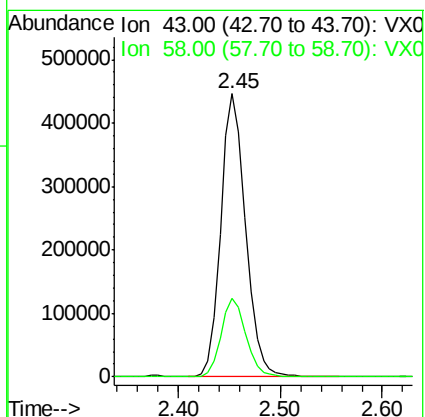
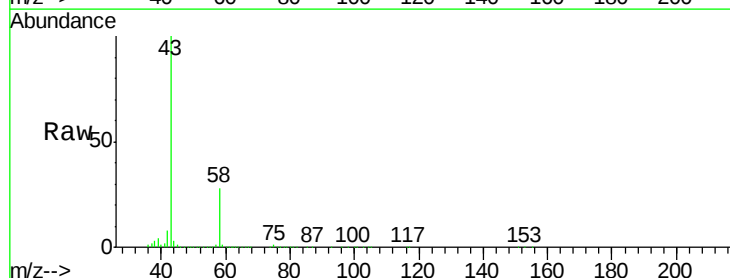
Acq: 15 Jun 2018 13:21

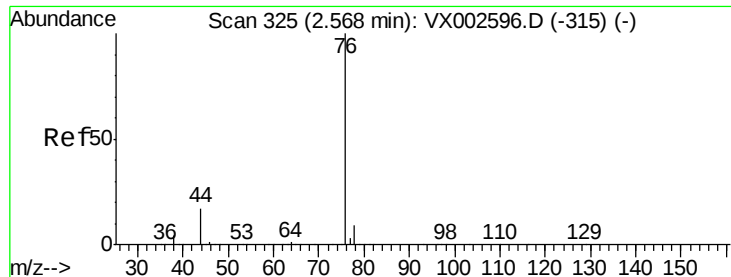
Tgt Ion: 43 Resp: 752661

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1

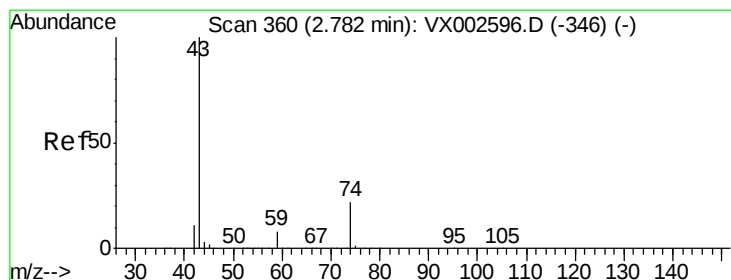
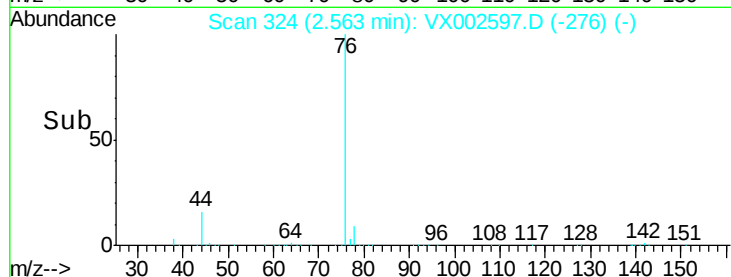
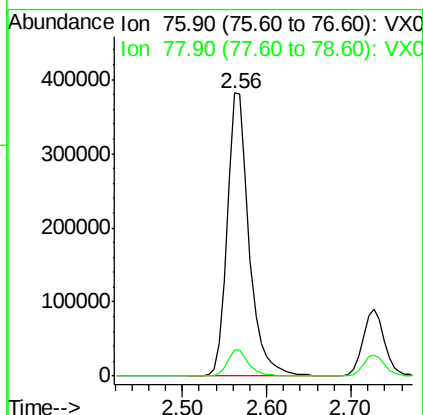
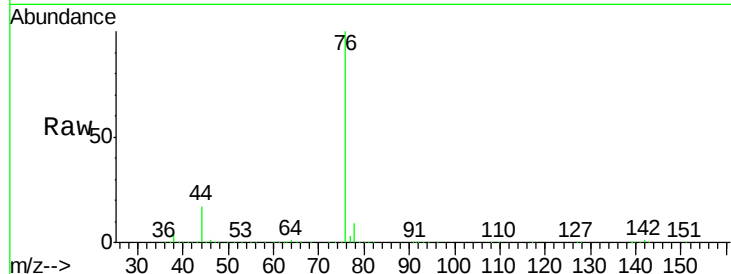




#17
Carbon Disulfide
Concen: 98.173 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

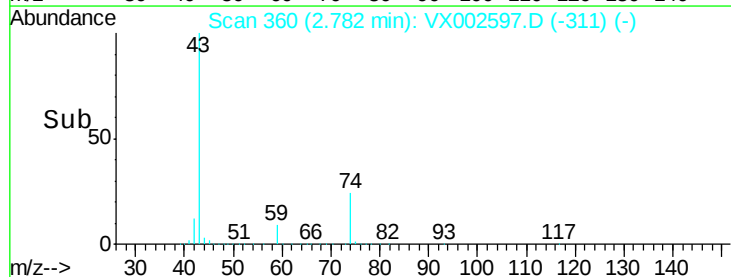
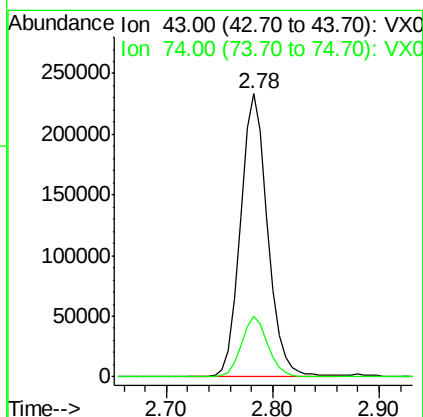
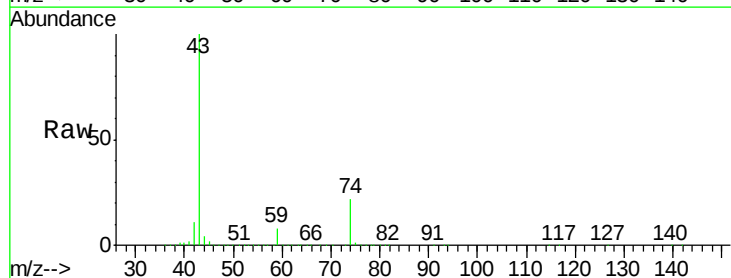
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

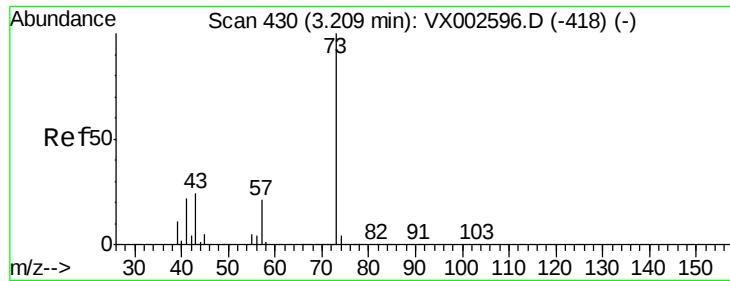
Tgt Ion: 76 Resp: 679649
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 99.894 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 43 Resp: 415818
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1

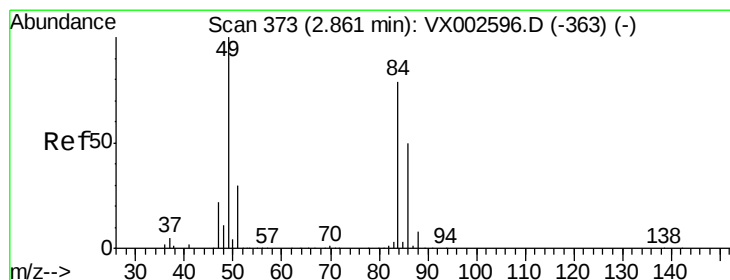
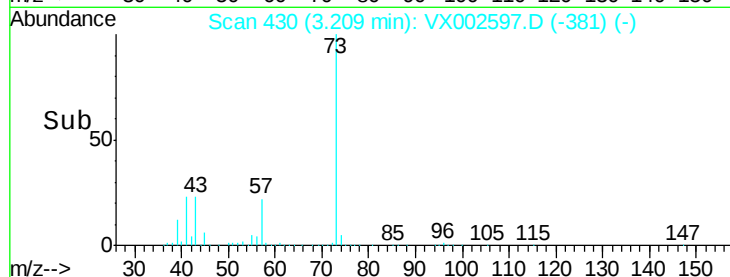
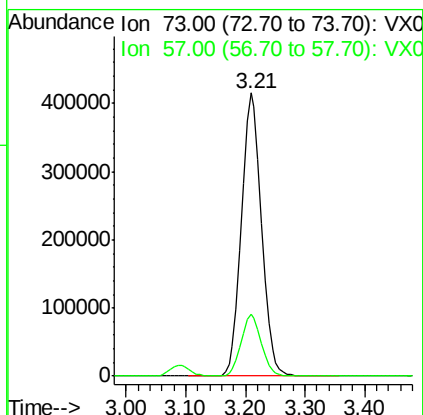
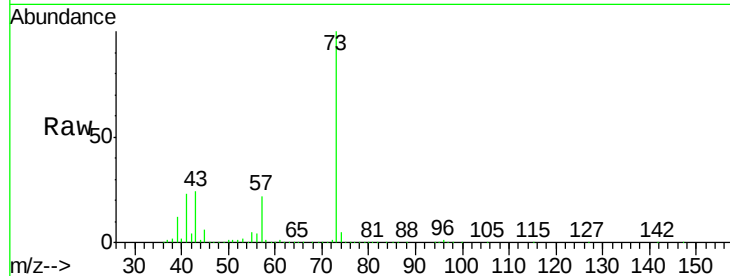




#19
Methyl tert-butyl Ether
Concen: 93.722 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

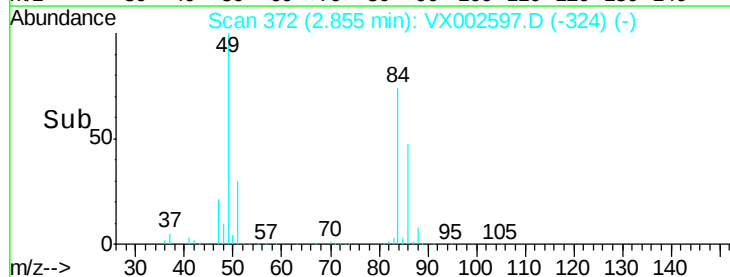
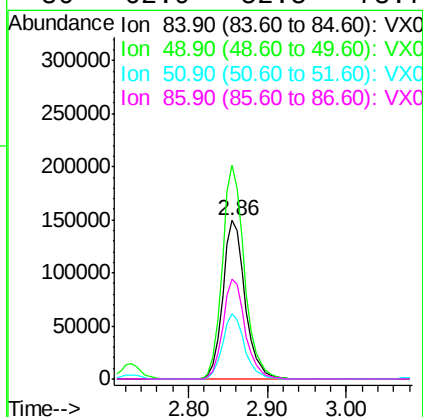
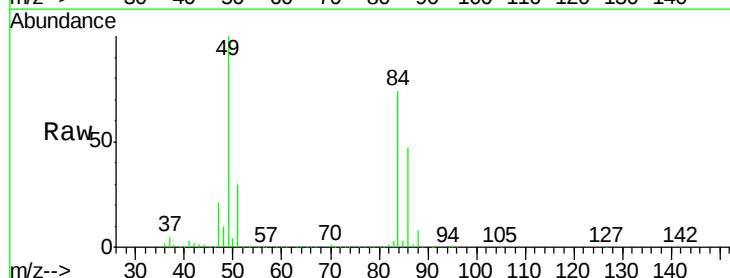
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

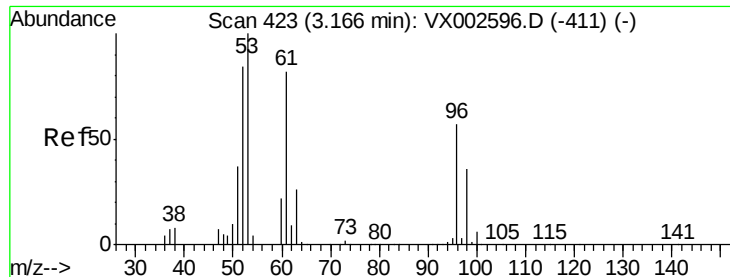
Tgt Ion: 73 Resp: 975156
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 83.575 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 84 Resp: 293006
Ion Ratio Lower Upper
84 100
49 134.7 107.8 161.6
51 40.8 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 98.365 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

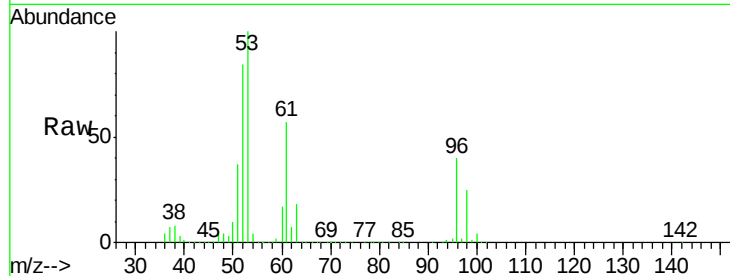
Tgt Ion: 96 Resp: 284923

Ion Ratio Lower Upper

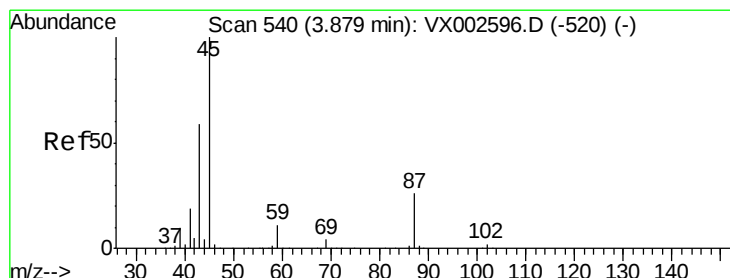
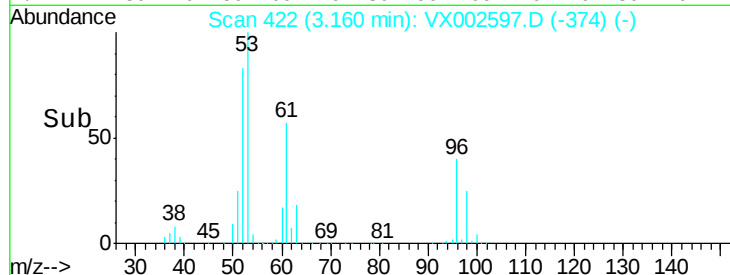
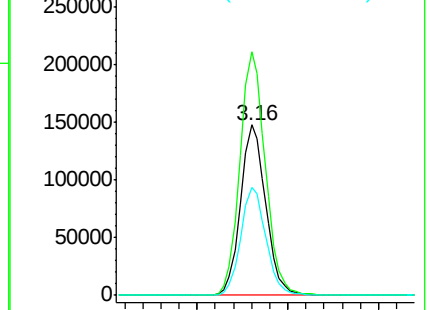
96 100

61 142.5 117.0 175.4

98 63.5 52.4 78.6



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: 87.670 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Tgt Ion: 45 Resp: 932461

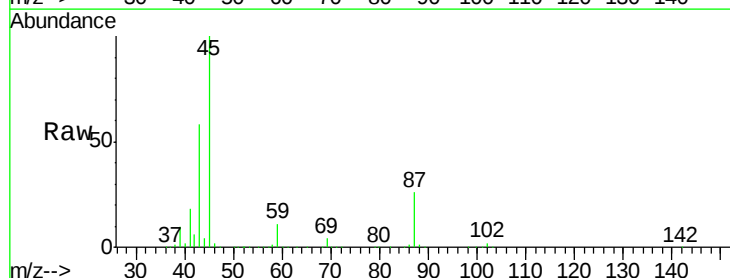
Ion Ratio Lower Upper

45 100

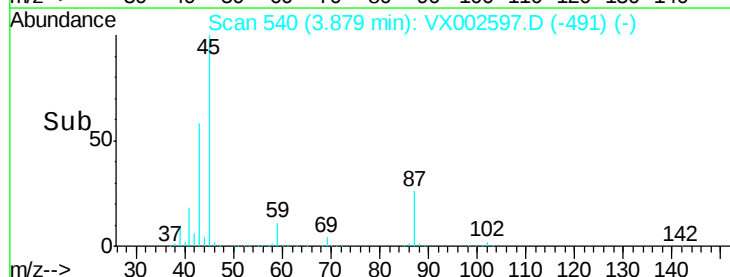
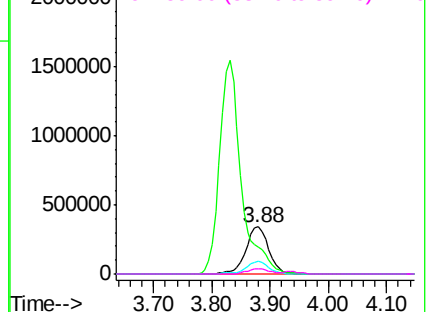
43 58.1 46.8 70.2

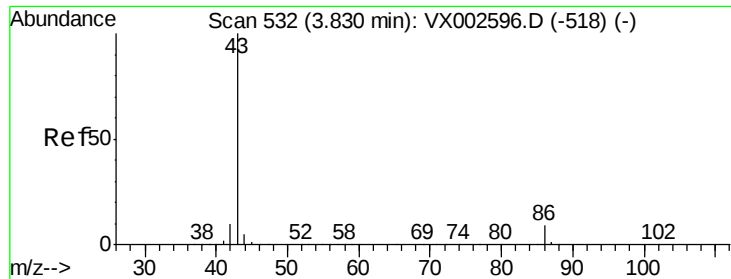
87 26.2 20.2 30.4

59 10.9 8.7 13.1



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: 432.803 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

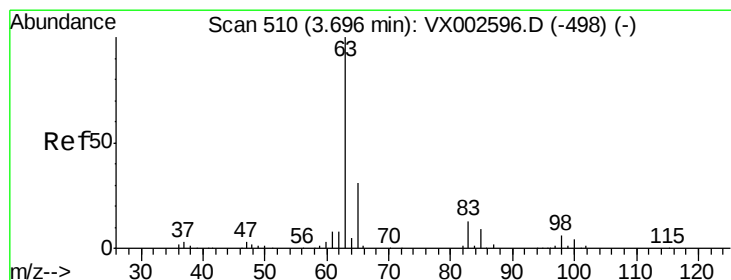
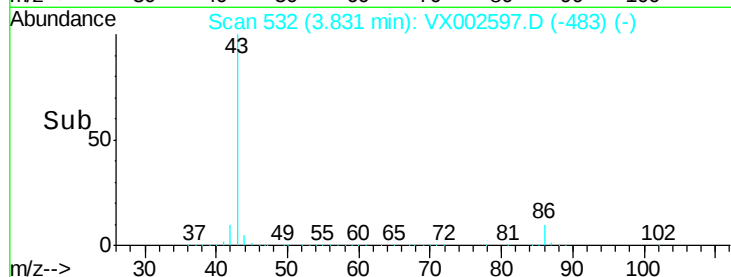
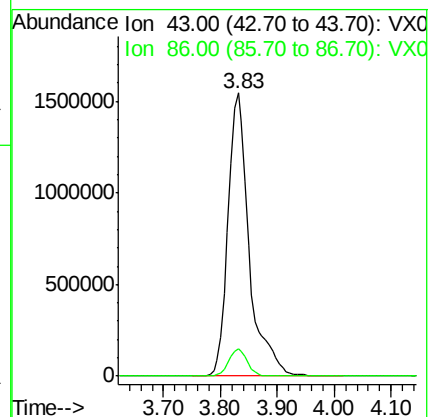
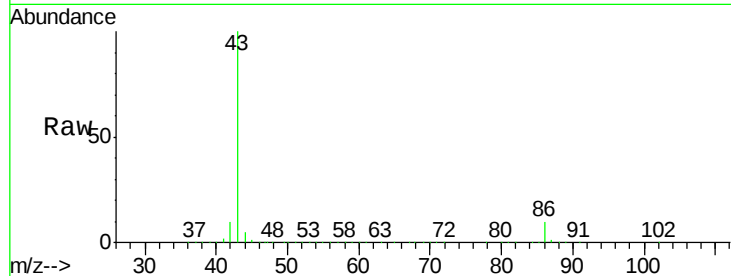
VSTDIC100

Tgt Ion: 43 Resp: 3999426

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 83.511 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

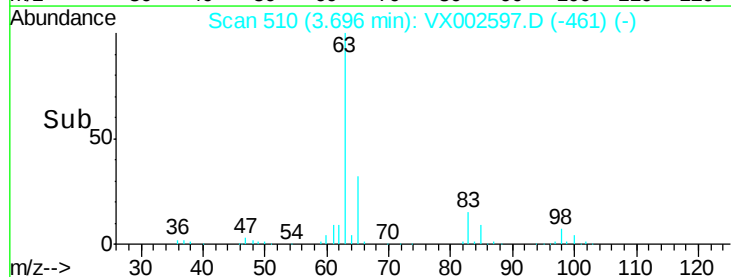
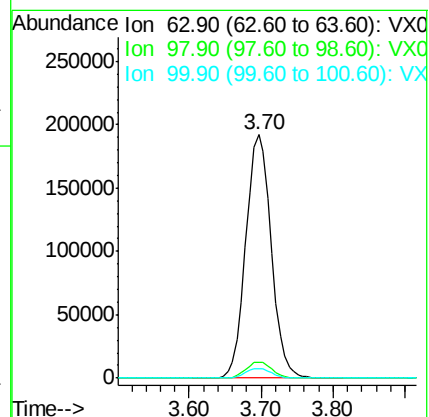
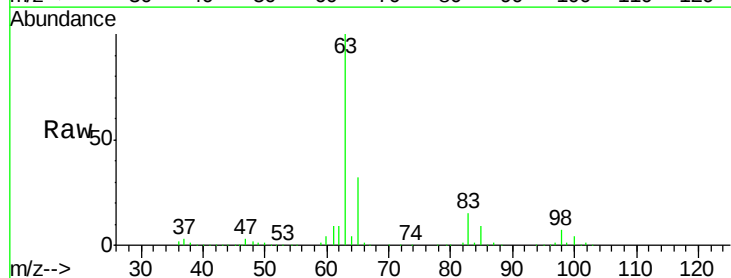
Tgt Ion: 63 Resp: 470492

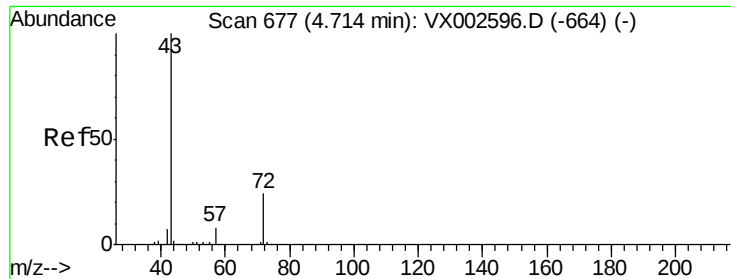
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 435.460 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

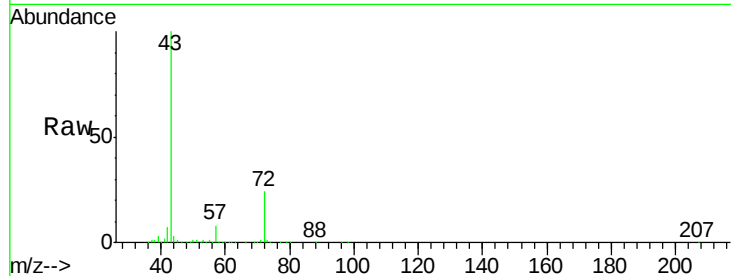
VSTDIC100

Tgt Ion: 43 Resp: 1053477

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

400000

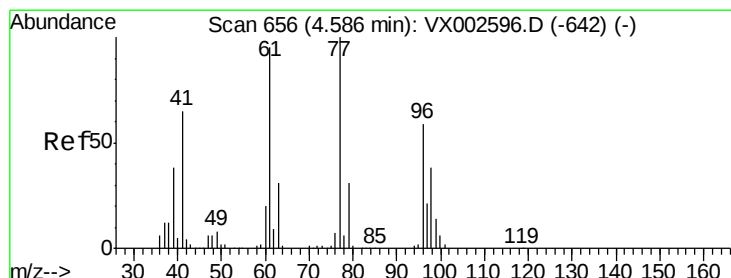
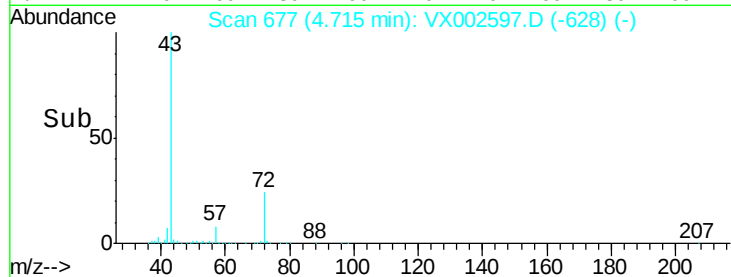
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 88.020 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002597.D

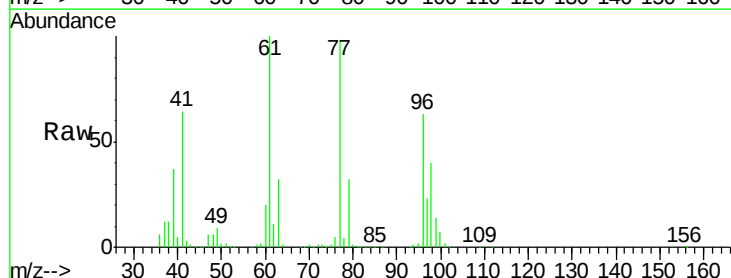
Acq: 15 Jun 2018 13:21

Tgt Ion: 77 Resp: 387633

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

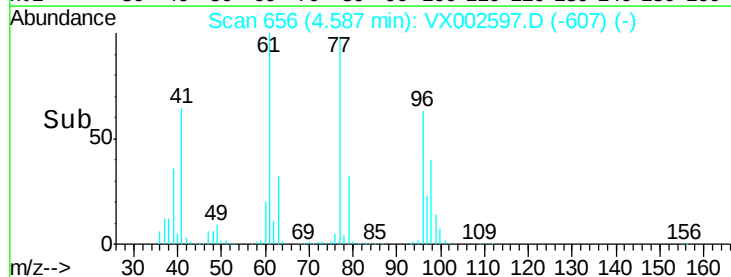
4.59

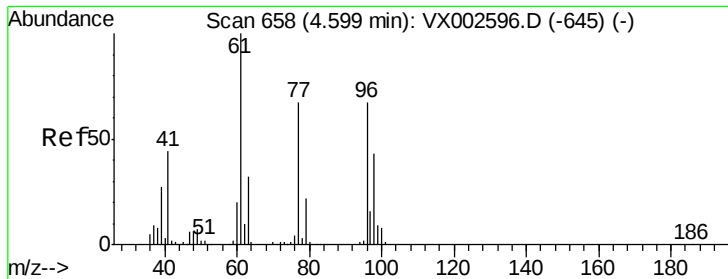
100000

50000

0

Time-->



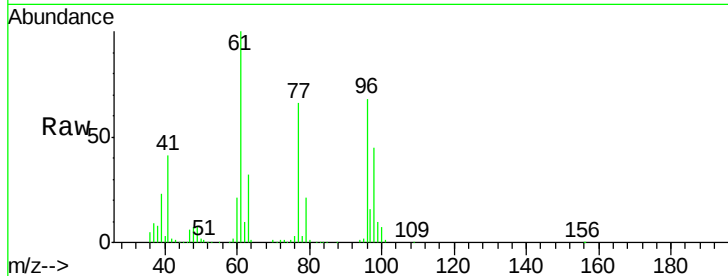


#27

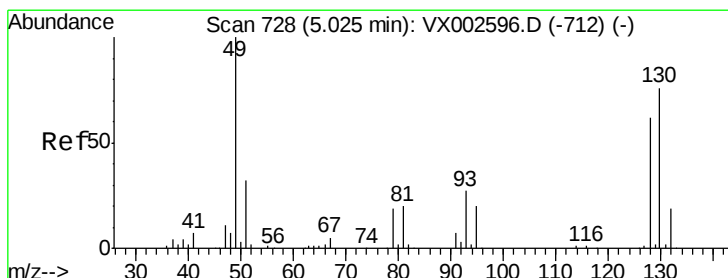
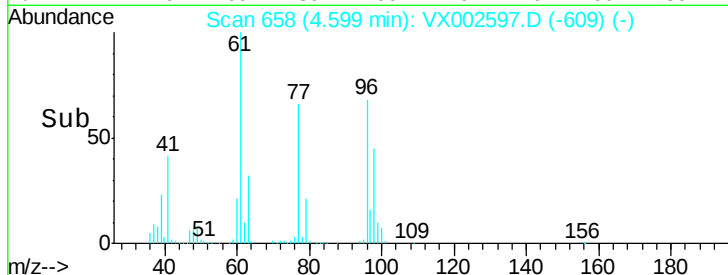
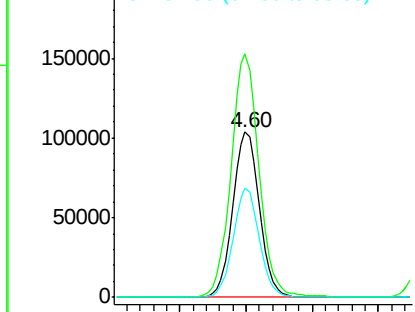
cis-1,2-Dichloroethene
Concen: 91.721 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 288933
Ion Ratio Lower Upper
96 100
61 155.0 0.0 330.2
98 65.0 0.0 130.2



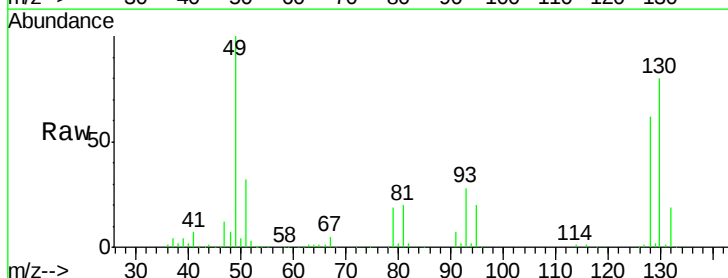
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



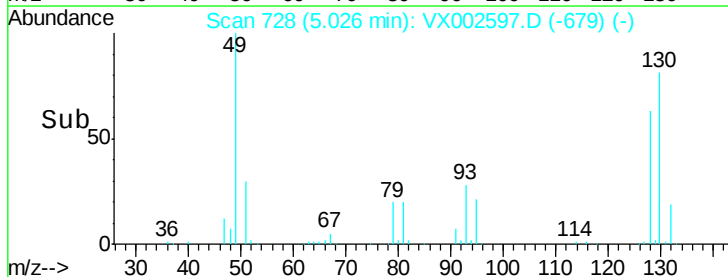
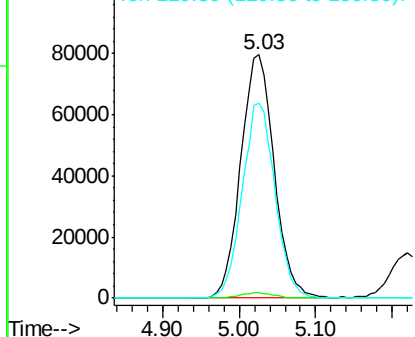
#28

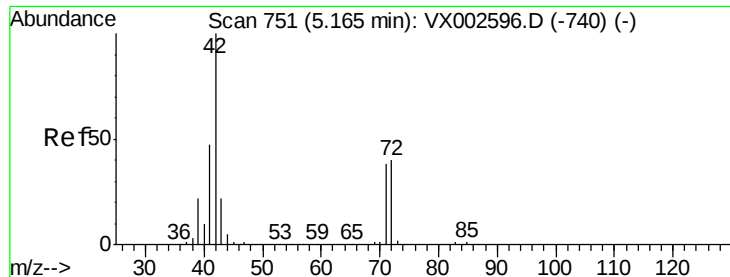
Bromochloromethane
Concen: 88.741 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 49 Resp: 242100
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 78.6 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

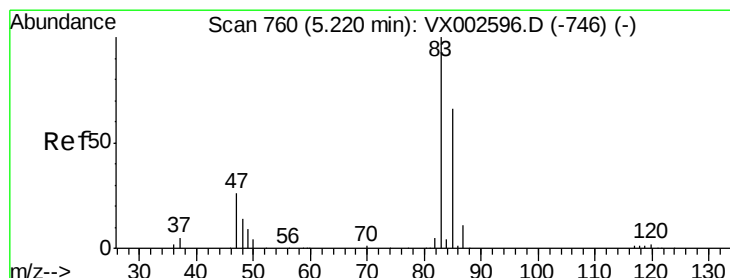
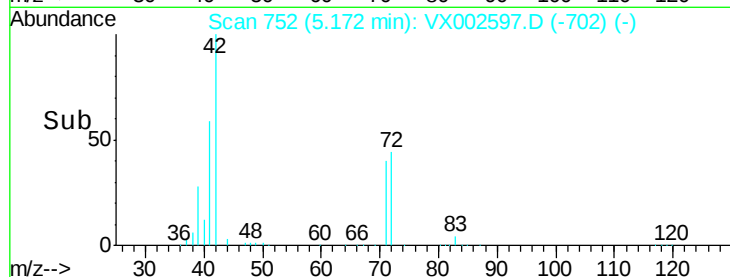
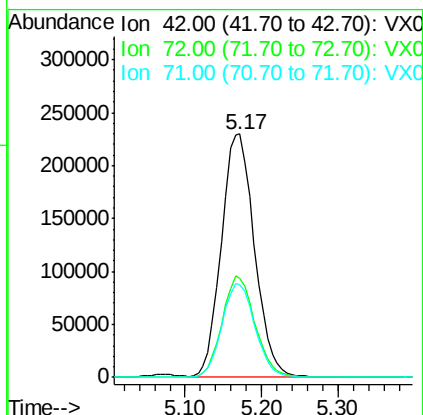
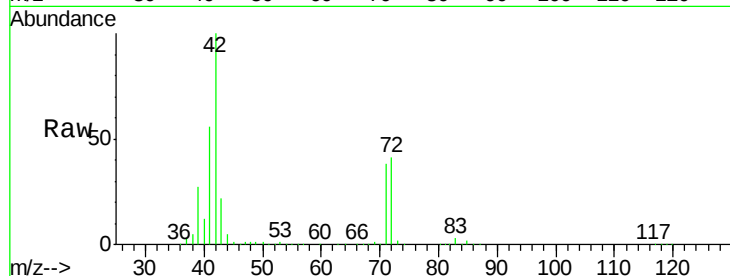




#29
Tetrahydrofuran
Concen: 440.810 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

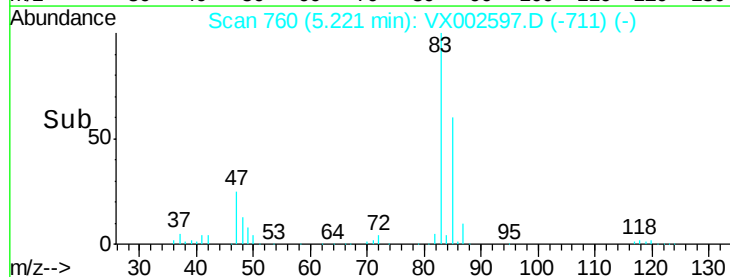
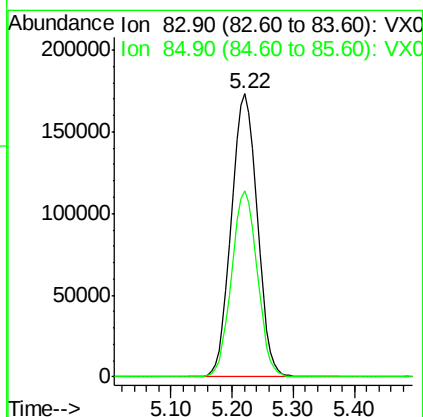
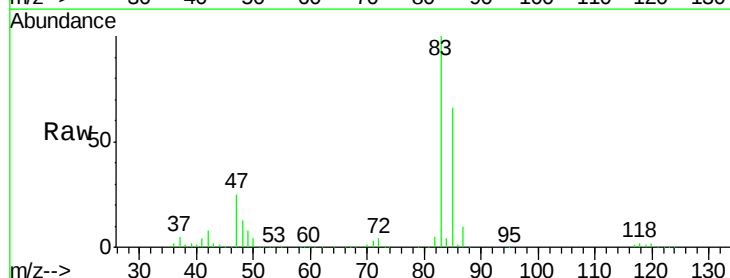
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

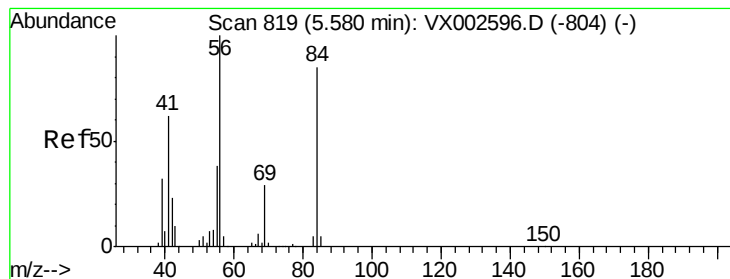
Tgt Ion: 42 Resp: 687563
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 38.7 30.1 45.1



#30
Chloroform
Concen: 93.163 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 83 Resp: 506477
Ion Ratio Lower Upper
83 100
85 65.7 50.4 75.6





#31

Cyclohexane

Concen: 99.374 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

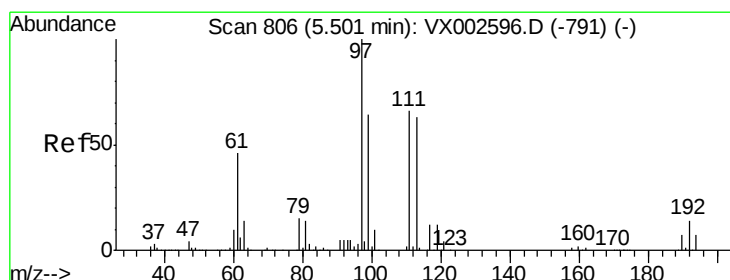
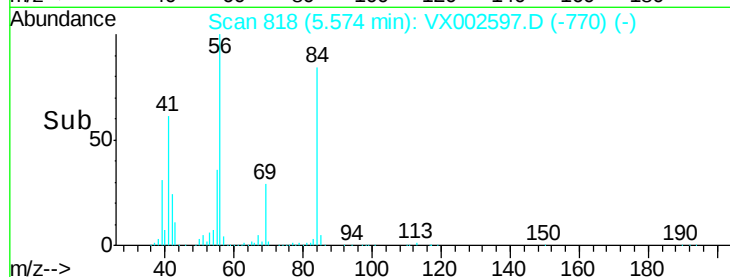
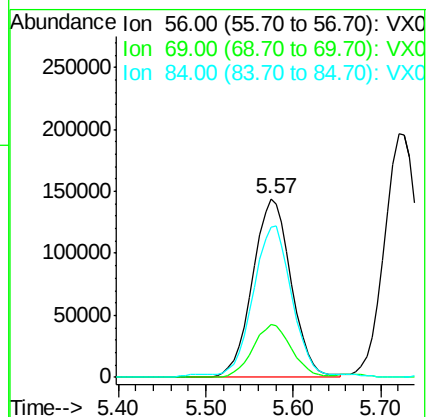
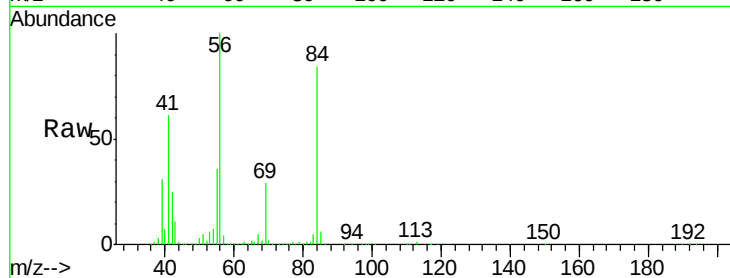
Tgt Ion: 56 Resp: 442712

Ion Ratio Lower Upper

56 100

69 29.3 23.7 35.5

84 82.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 97.611 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

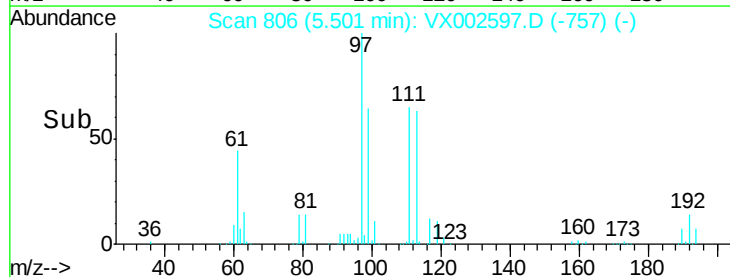
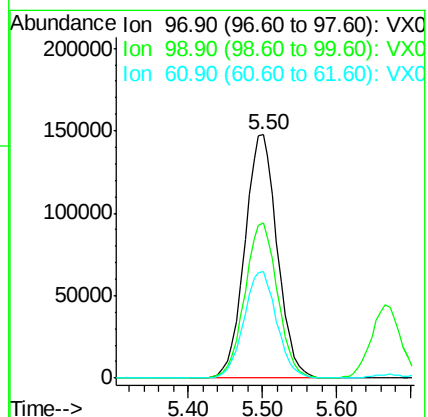
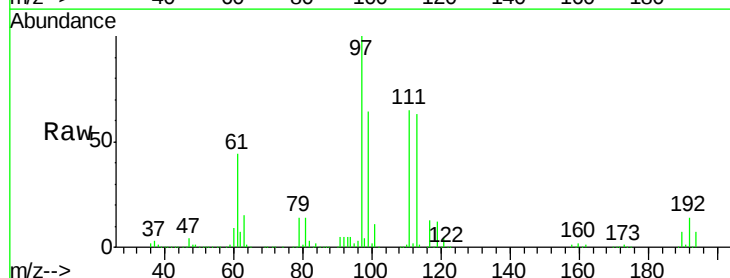
Tgt Ion: 97 Resp: 450041

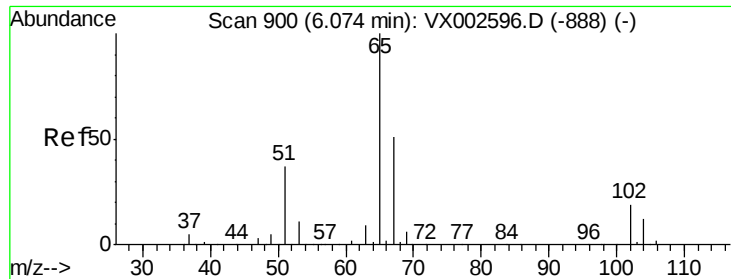
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 90.472 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

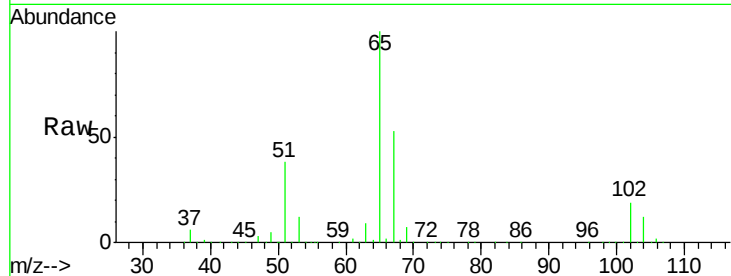
VSTDIC100

Tgt Ion: 65 Resp: 347211

Ion Ratio Lower Upper

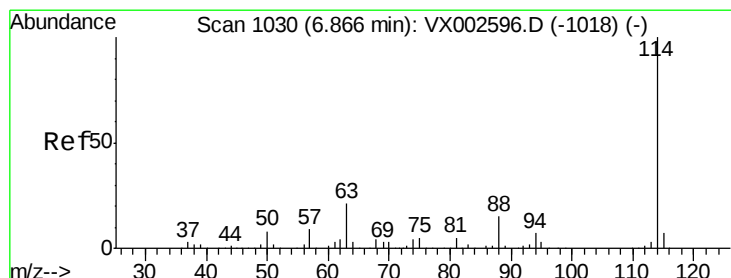
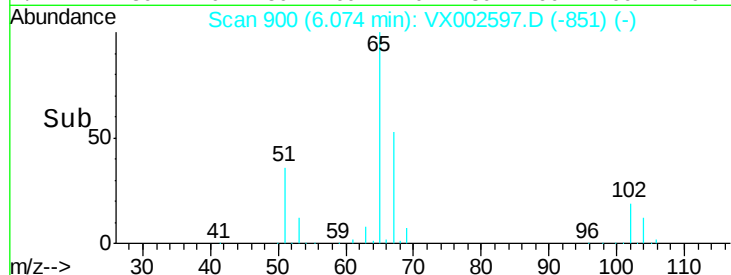
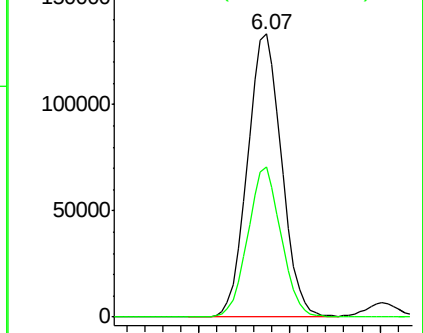
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

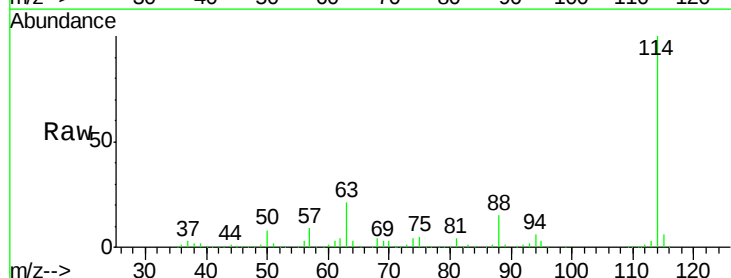
Tgt Ion: 114 Resp: 352482

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

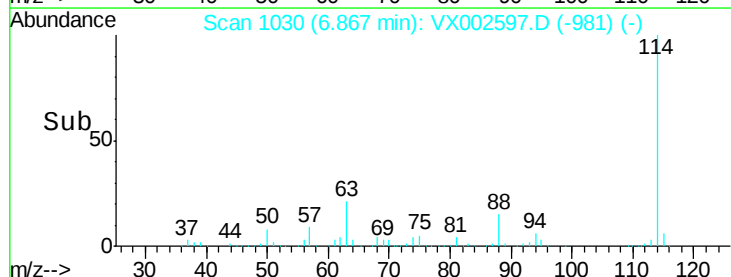
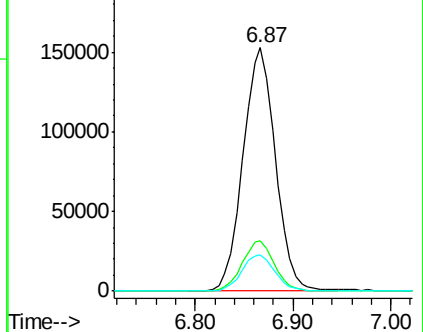
88 14.9 0.0 30.0

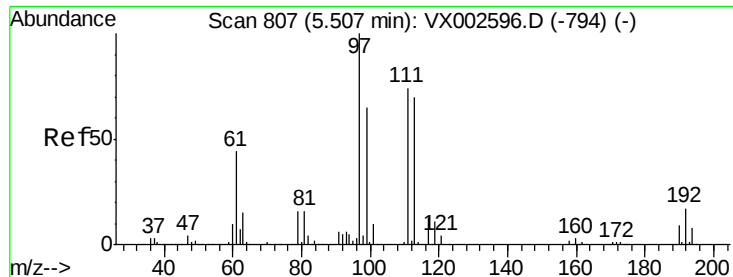


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 100.356 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

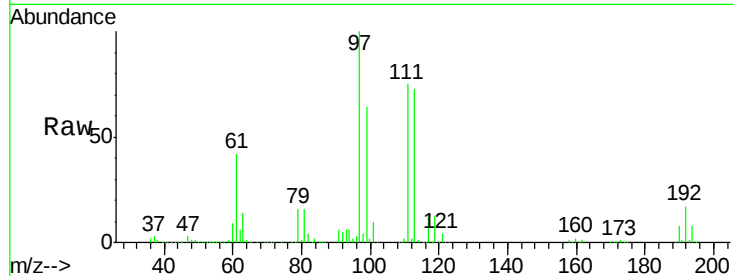
Tgt Ion:113 Resp: 278182

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

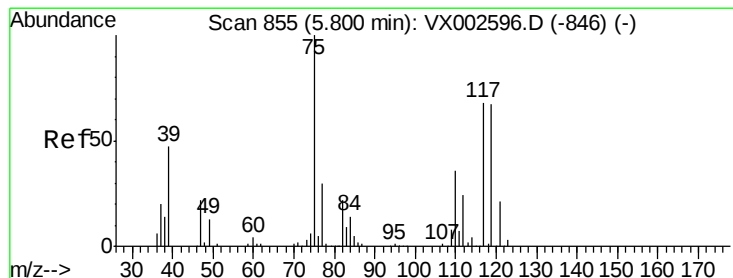
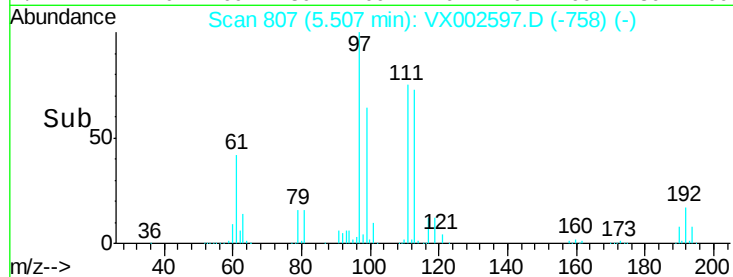
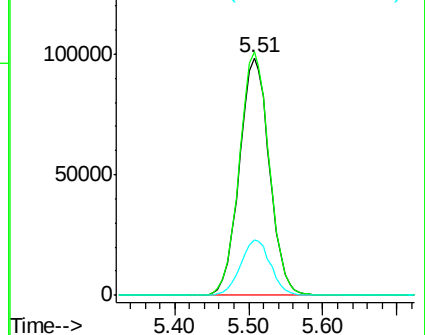
192 23.4 19.1 28.7



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: 101.877 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

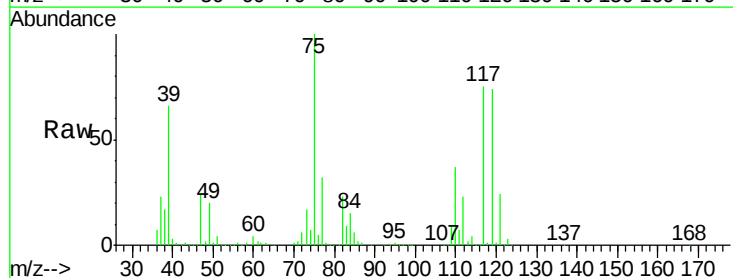
Tgt Ion: 75 Resp: 377514

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

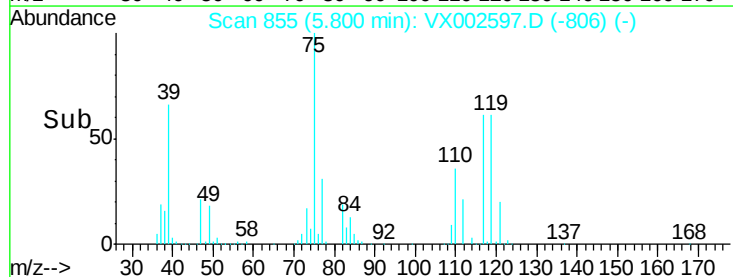
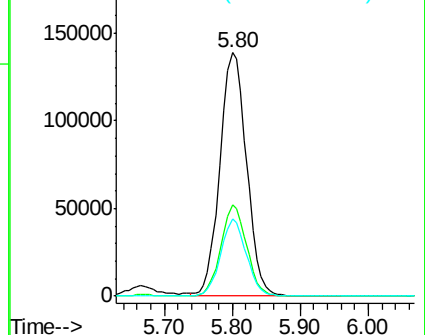
77 30.3 24.3 36.5

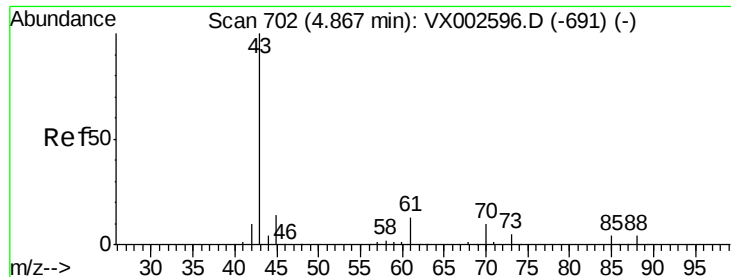


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 94.228 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

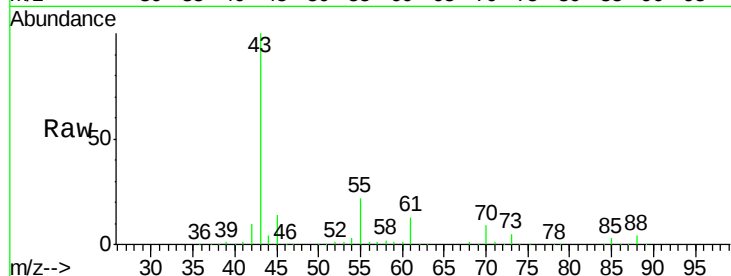
Tgt Ion: 43 Resp: 419912

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

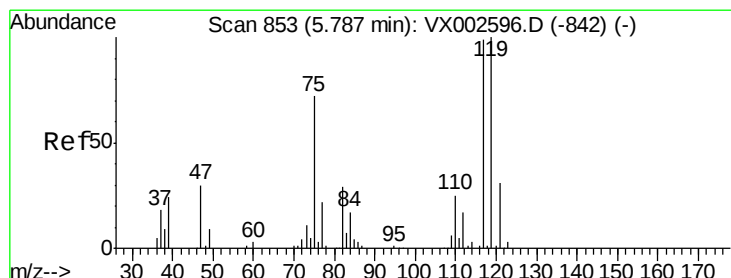
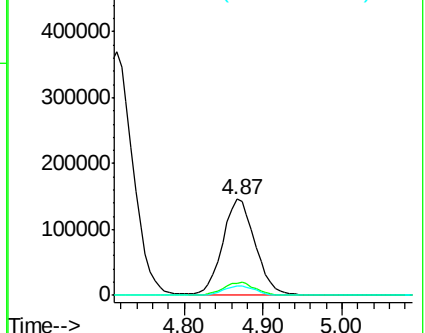
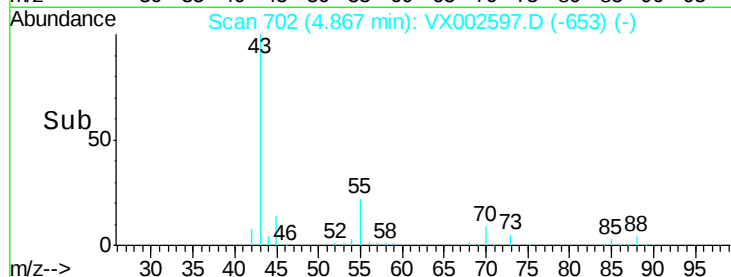
70 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 104.788 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

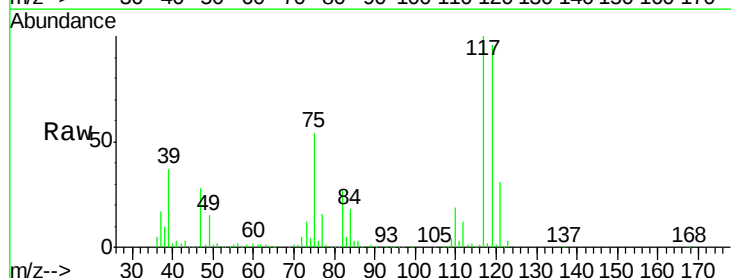
Tgt Ion: 117 Resp: 406221

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

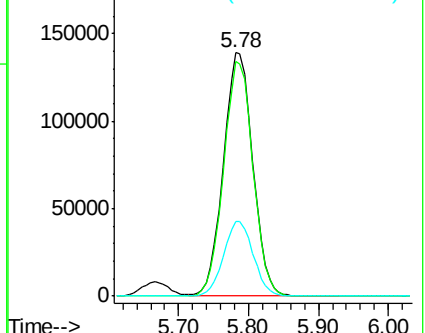
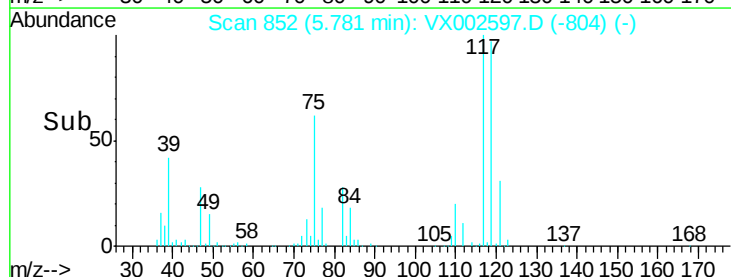
121 30.5 24.4 36.6

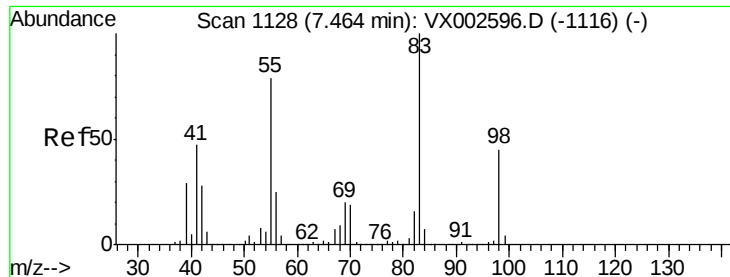


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

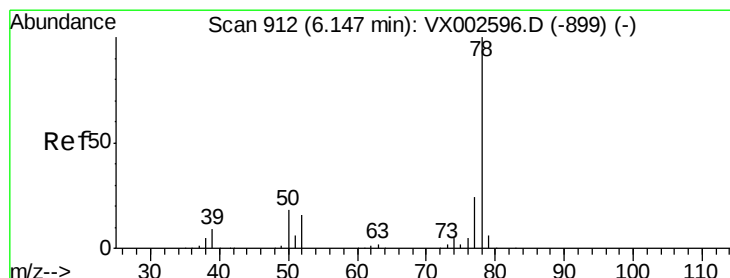
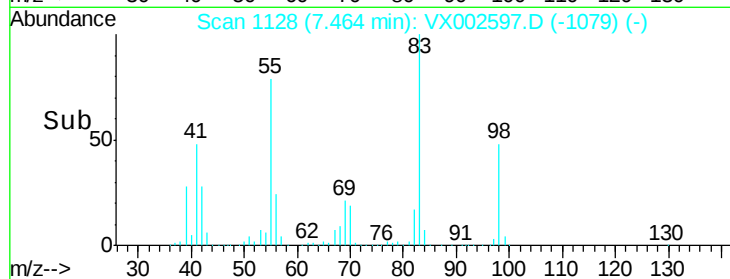
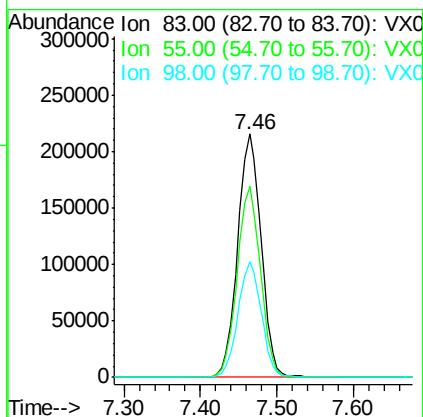
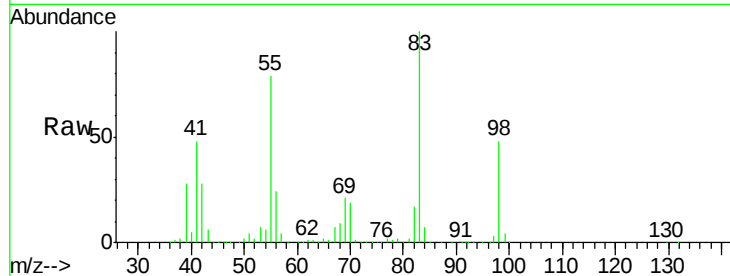




#39
Methylcyclohexane
Concen: 108.468 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

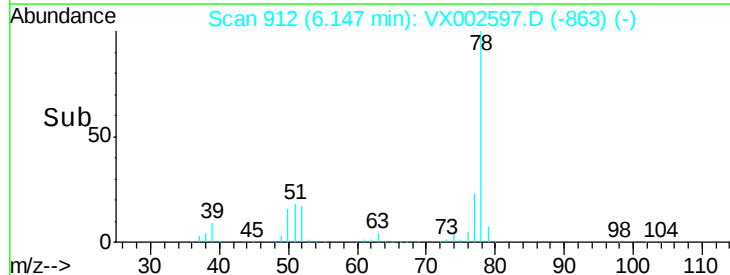
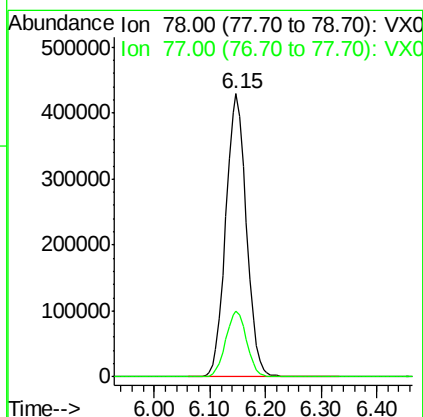
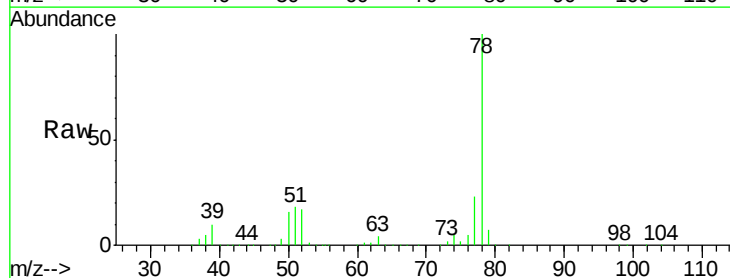
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

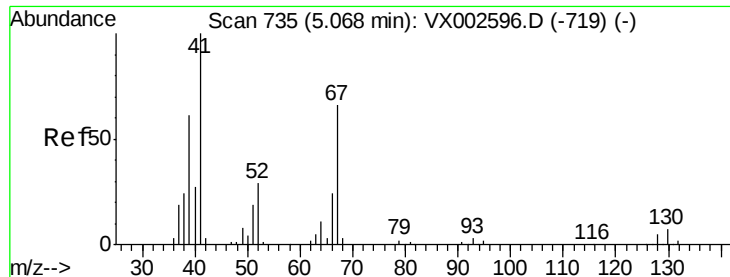
Tgt Ion: 83 Resp: 458097
Ion Ratio Lower Upper
83 100
55 78.6 65.4 98.0
98 47.7 37.4 56.0



#40
Benzene
Concen: 96.945 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 78 Resp: 1101483
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

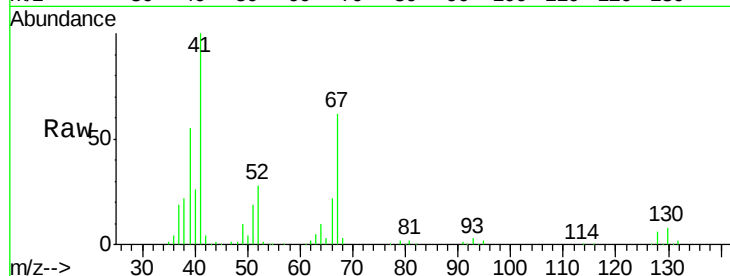




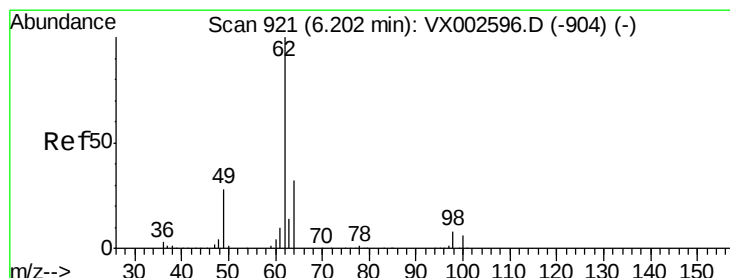
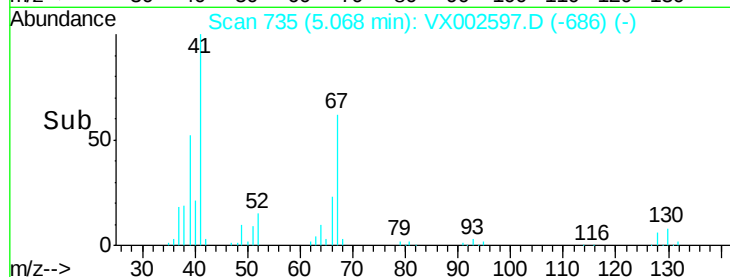
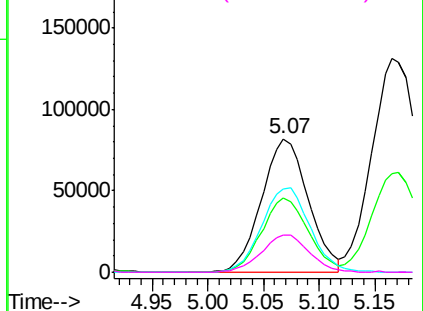
#41
Methacrylonitrile
Concen: 93.571 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:	41	Resp:	238706
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.8	68.6
67	65.4	51.3	76.9
52	28.8	23.0	34.6

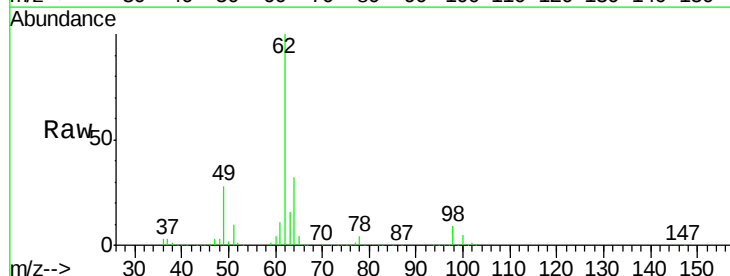


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

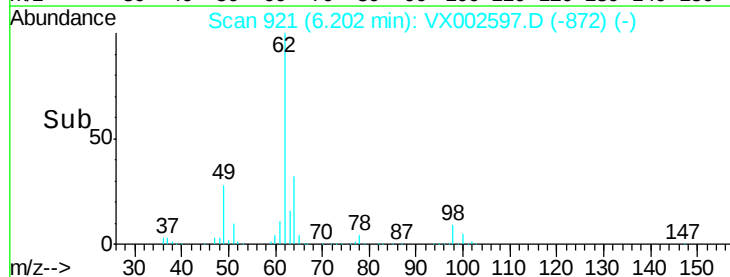
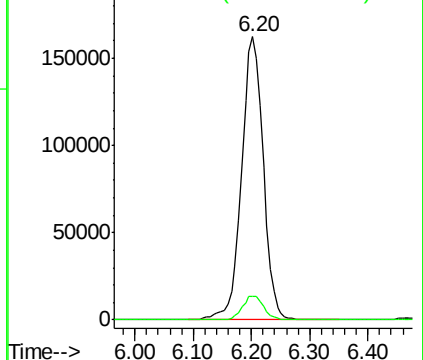


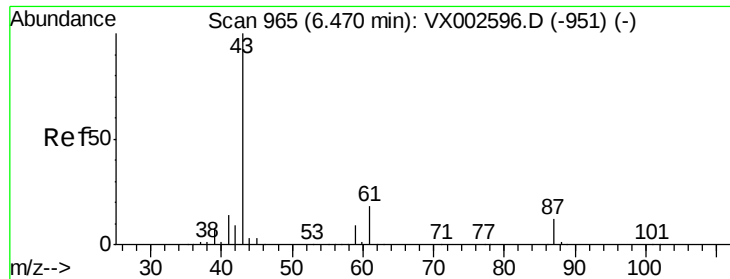
#42
1,2-Dichloroethane
Concen: 92.503 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion:	62	Resp:	417577
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 94.294 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

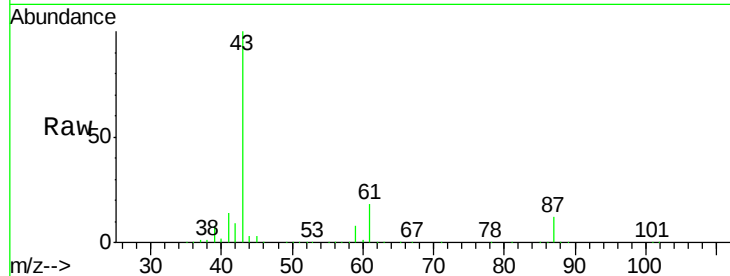
Tgt Ion: 43 Resp: 713731

Ion Ratio Lower Upper

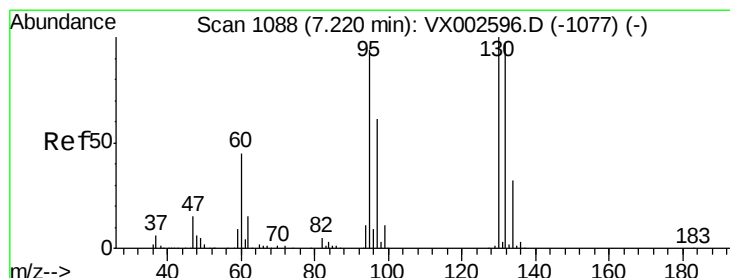
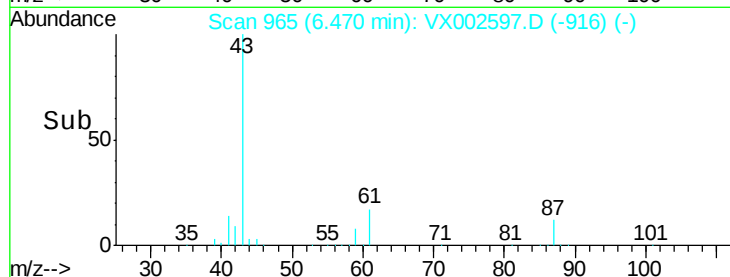
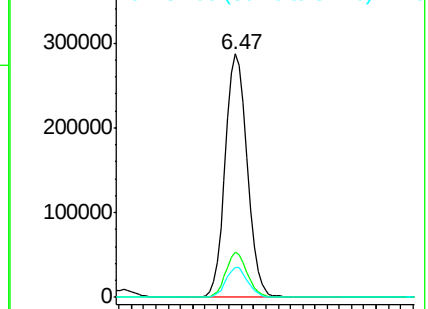
43 100

61 17.9 14.4 21.6

87 12.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 103.584 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002597.D

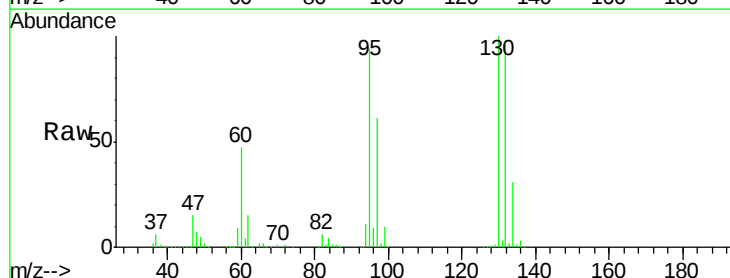
Acq: 15 Jun 2018 13:21

Tgt Ion: 130 Resp: 326638

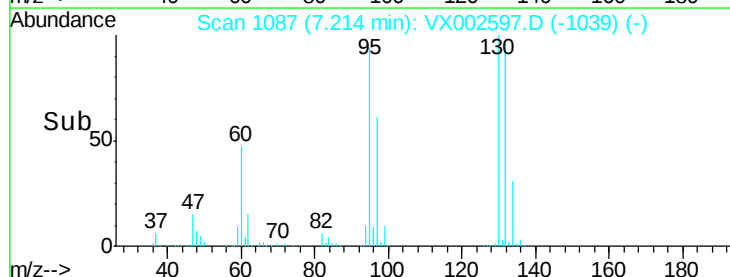
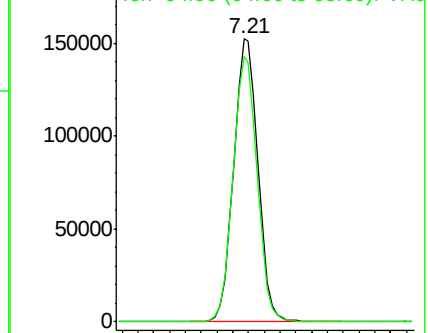
Ion Ratio Lower Upper

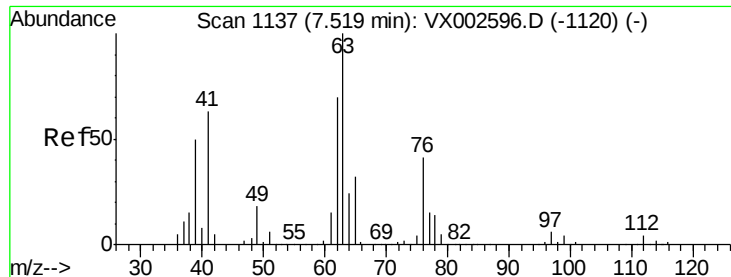
130 100

95 94.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

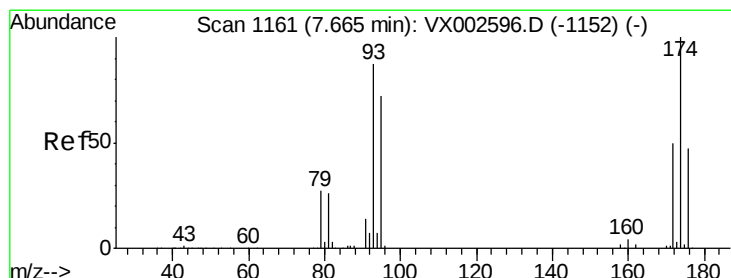
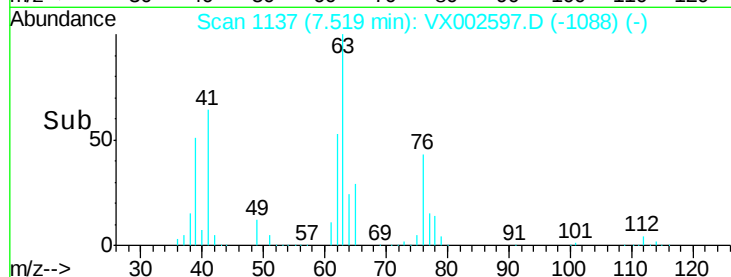
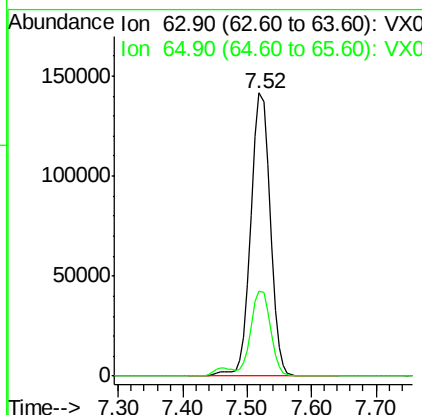
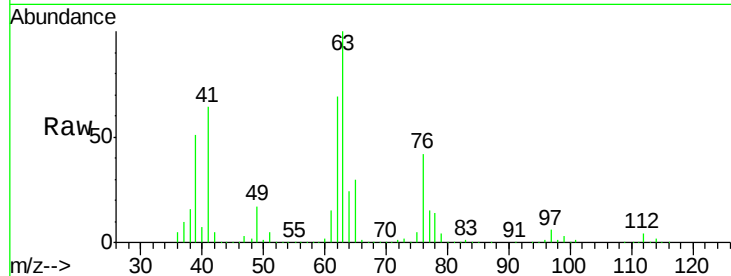




#45
 1,2-Dichloropropane
 Concen: 94.897 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

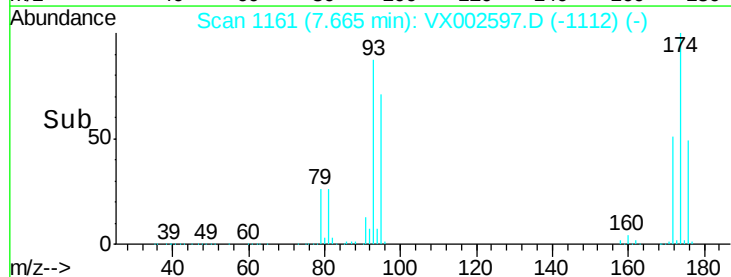
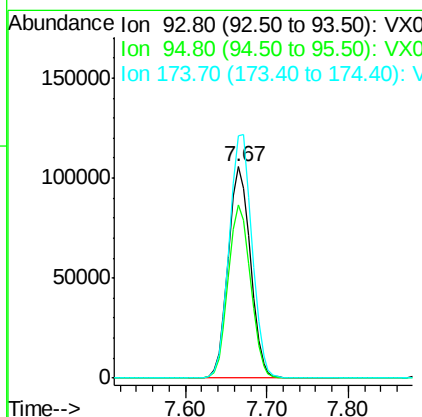
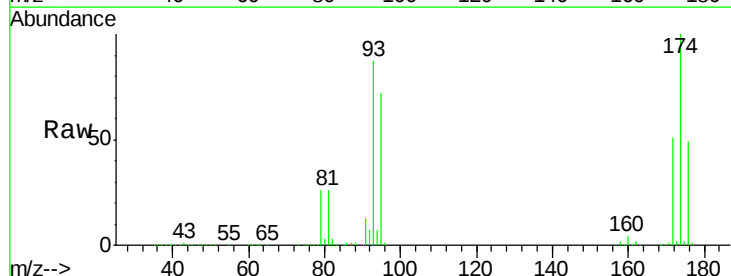
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

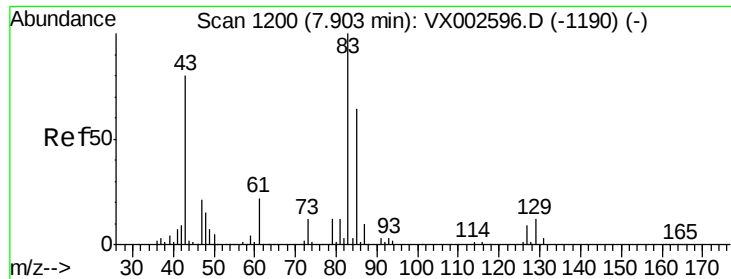
Tgt Ion: 63 Resp: 291081
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1



#46
 Dibromomethane
 Concen: 95.550 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion: 93 Resp: 198682
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 118.0 92.4 138.6





#47

Bromodichloromethane

Concen: 100.604 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

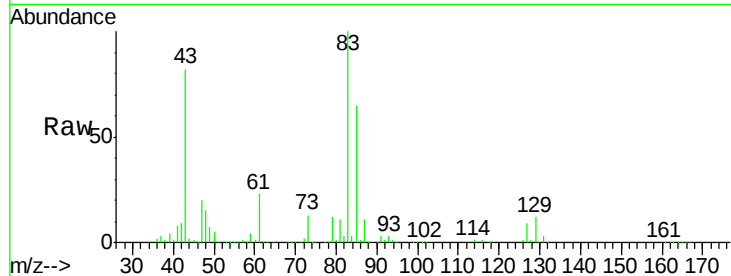
Tgt Ion: 83 Resp: 378343

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

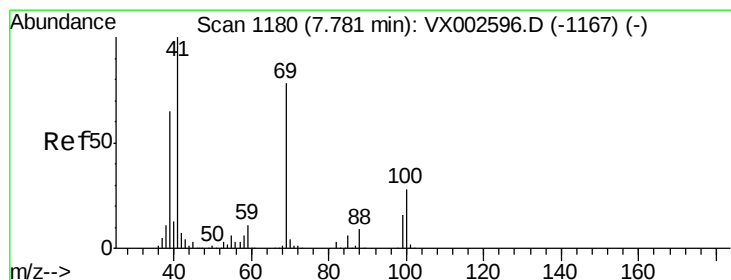
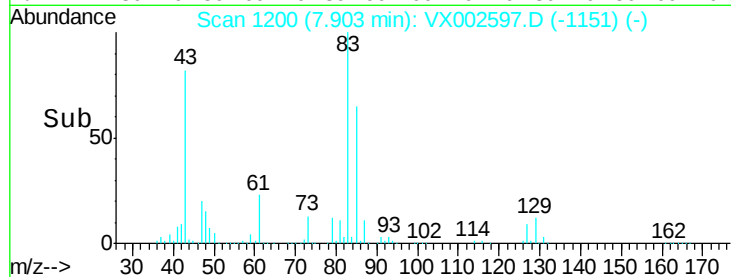
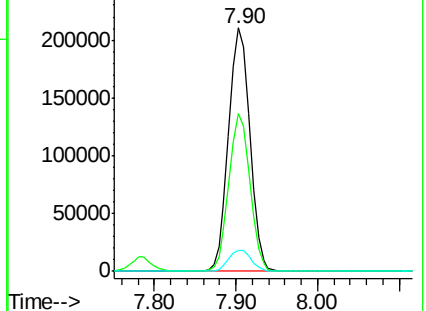
127 8.8 7.0 10.4



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: 95.485 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

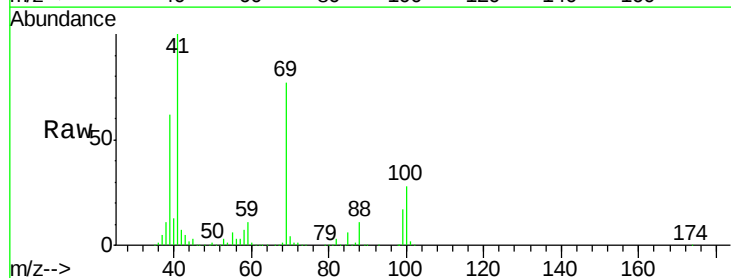
Tgt Ion: 41 Resp: 363045

Ion Ratio Lower Upper

41 100

69 76.3 59.1 88.7

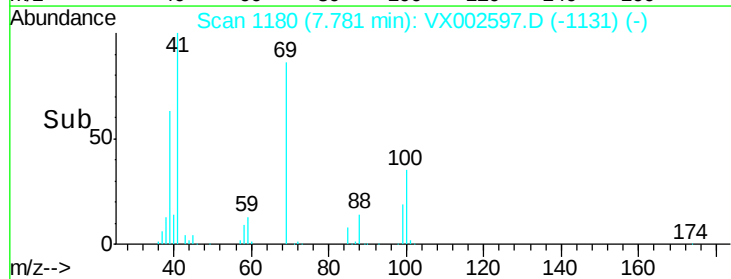
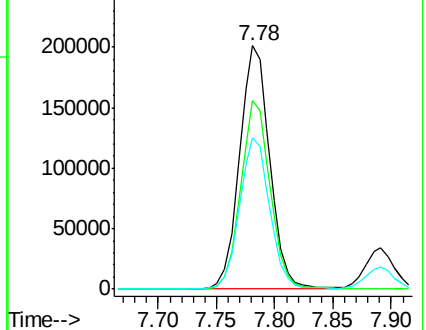
39 62.1 48.9 73.3

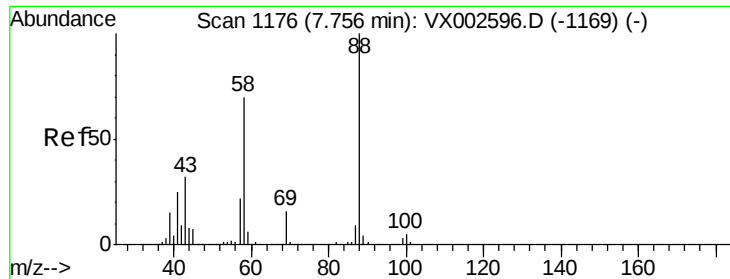


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

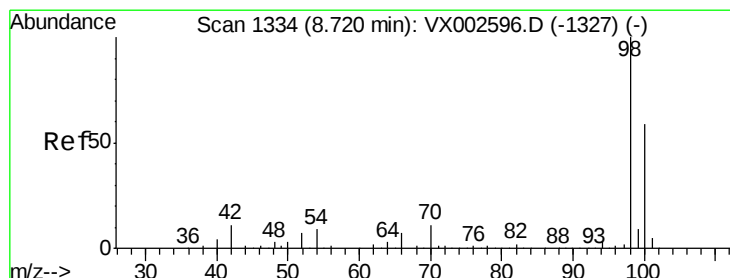
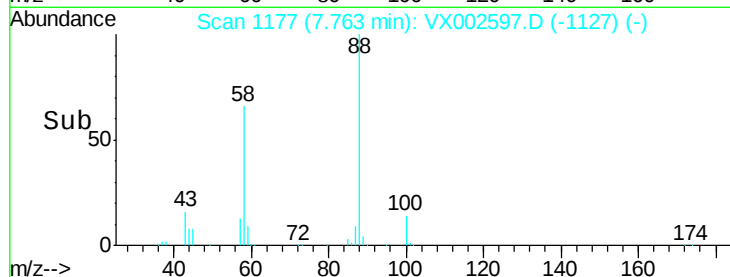
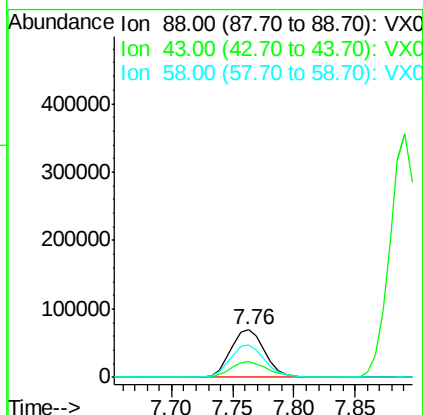
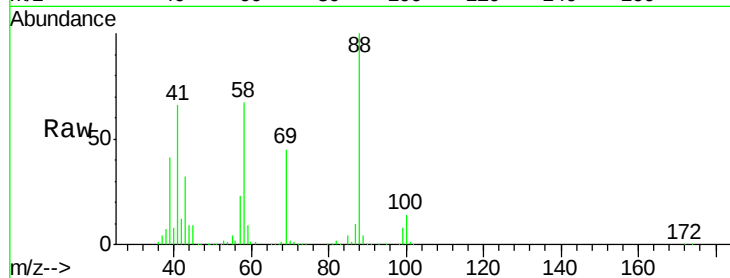




#49
1,4-Dioxane
Concen: 1875.803 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

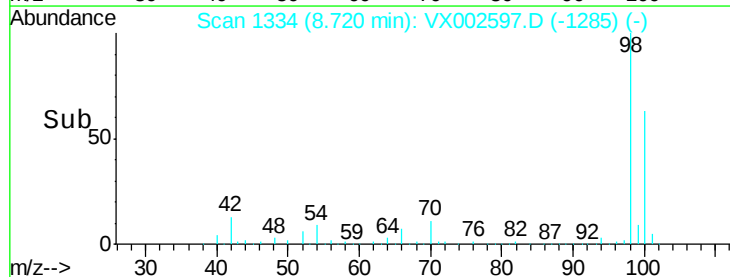
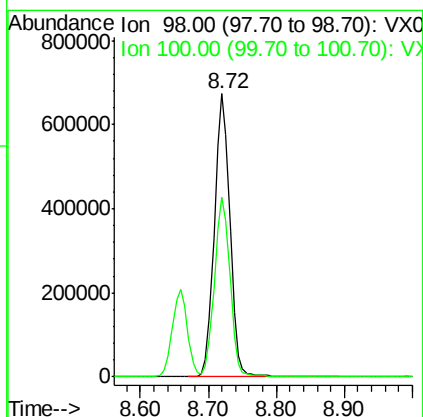
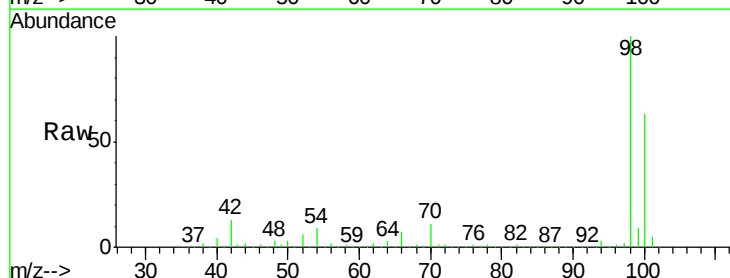
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

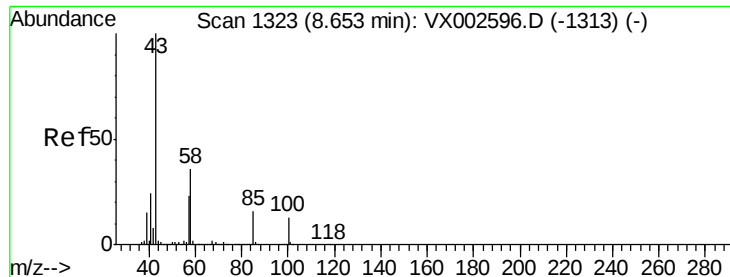
Tgt Ion: 88 Resp: 133351
Ion Ratio Lower Upper
88 100
43 35.8 29.8 44.6
58 69.0 57.1 85.7



#50
Toluene-d8
Concen: 100.422 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion: 98 Resp: 1066959
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

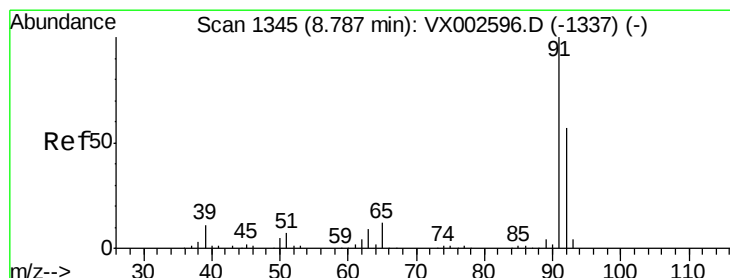
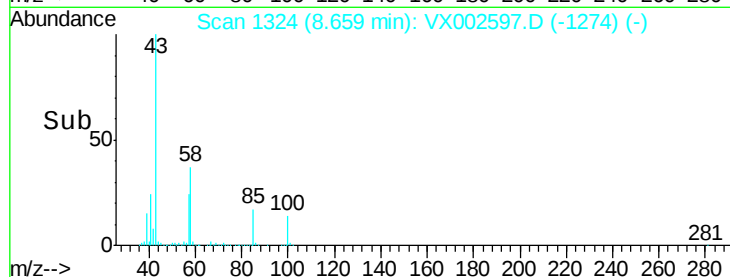
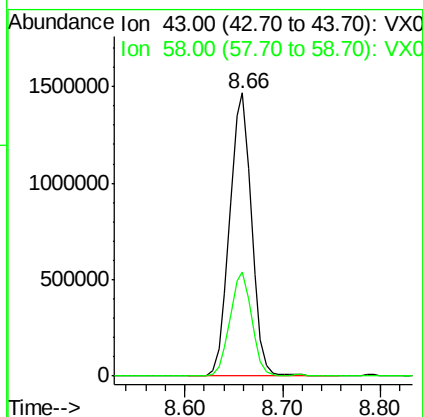
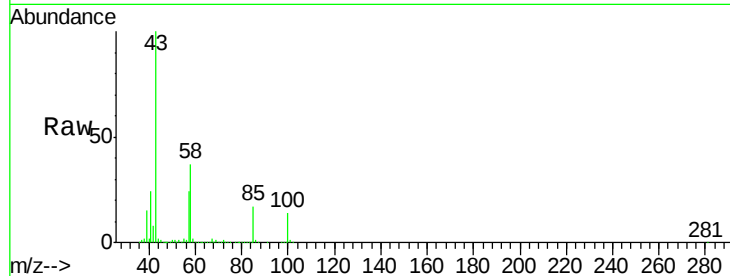




#51
 4-Methyl-2-Pentanone
 Concen: 484.898 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

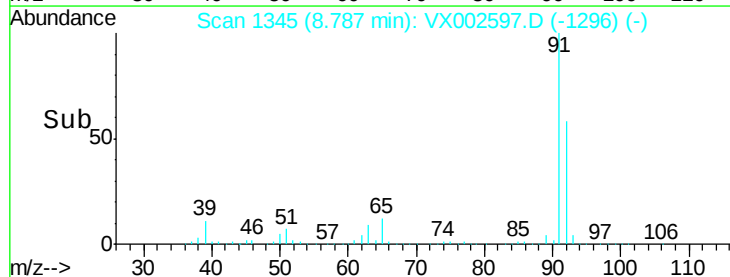
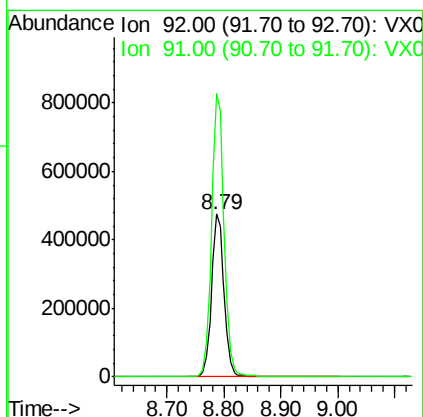
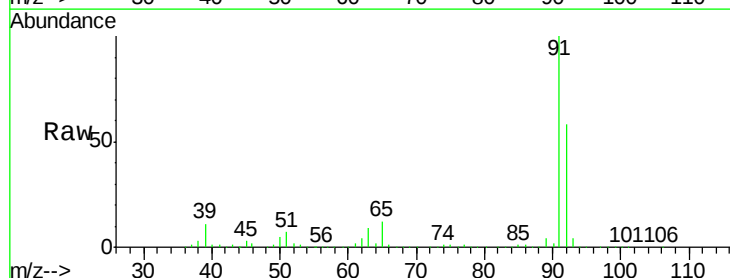
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

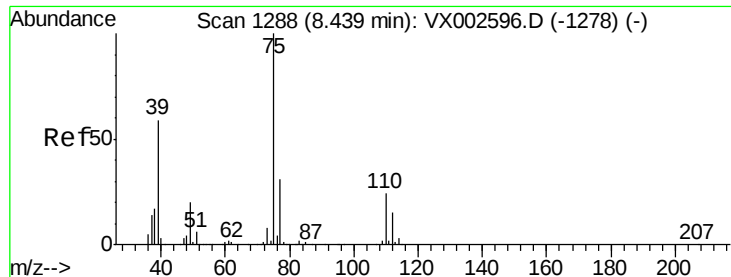
Tgt Ion: 43 Resp: 2285661
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.6 42.8



#52
 Toluene
 Concen: 100.473 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion: 92 Resp: 726055
 Ion Ratio Lower Upper
 92 100
 91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 101.898 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

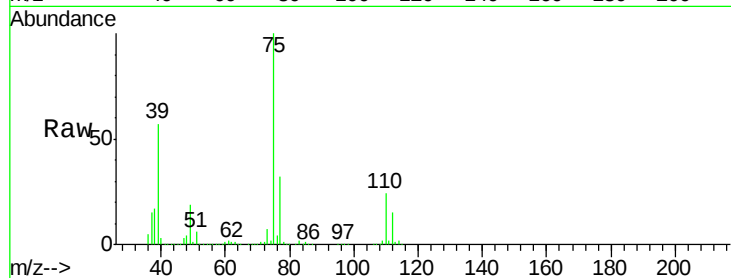
VSTDIC100

Tgt Ion: 75 Resp: 459547

Ion Ratio Lower Upper

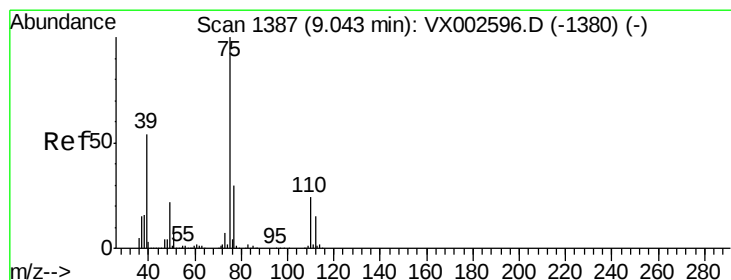
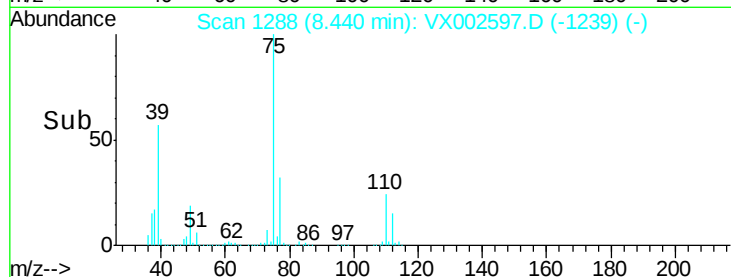
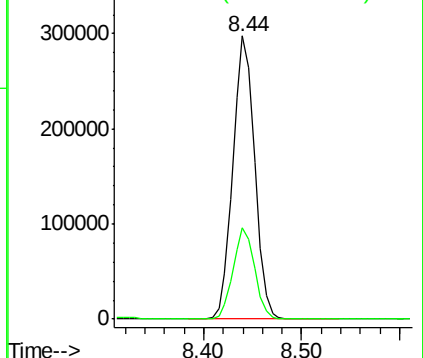
75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 103.180 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

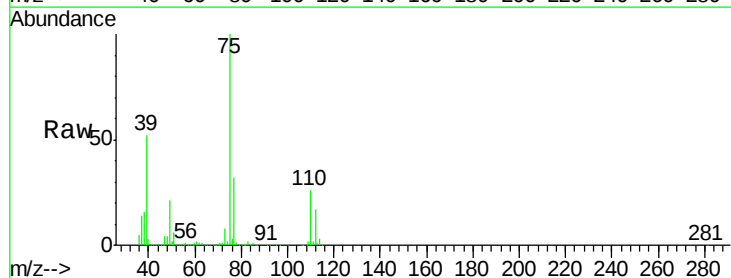
Tgt Ion: 75 Resp: 439021

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

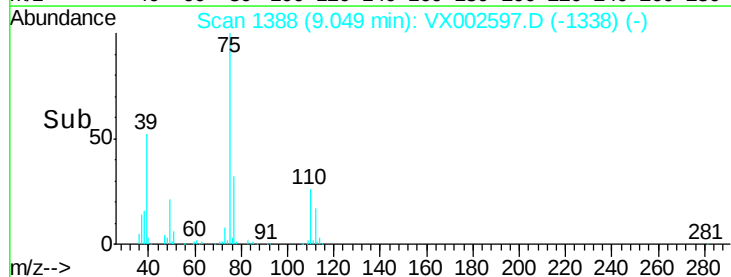
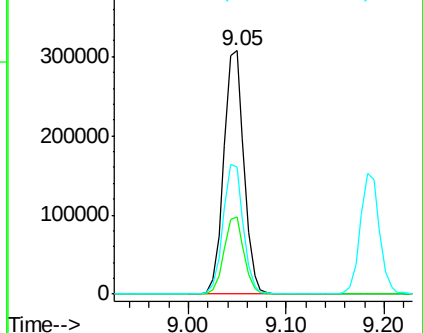
39 52.0 42.4 63.6

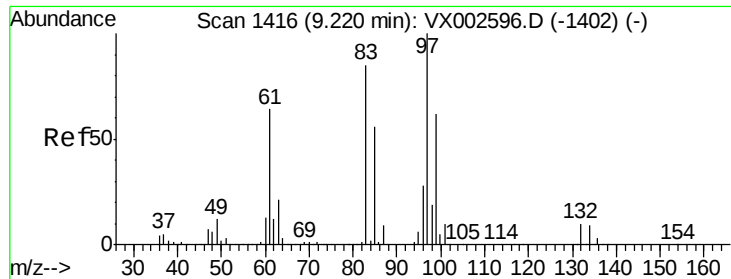


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

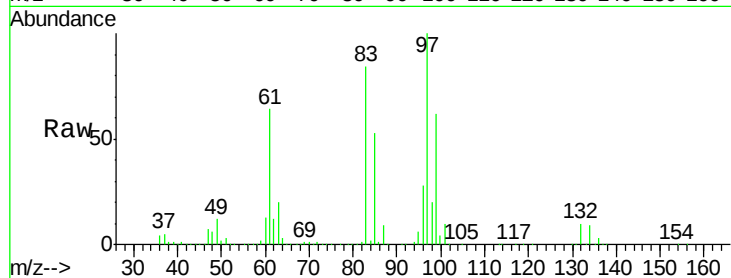




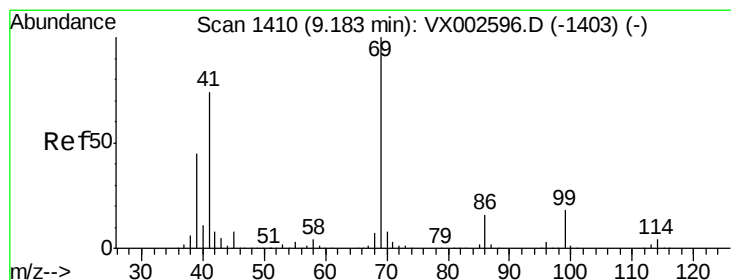
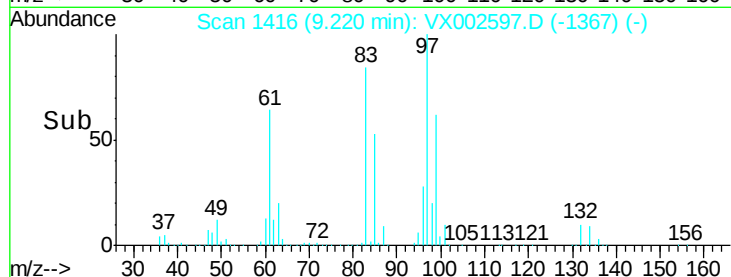
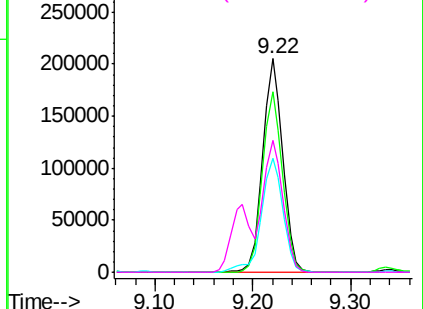
#55
 1,1,2-Trichloroethane
 Concen: 98.318 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 292216
 Ion Ratio Lower Upper
 97 100
 83 84.4 70.2 105.2
 85 53.4 44.9 67.3
 99 61.6 49.8 74.8

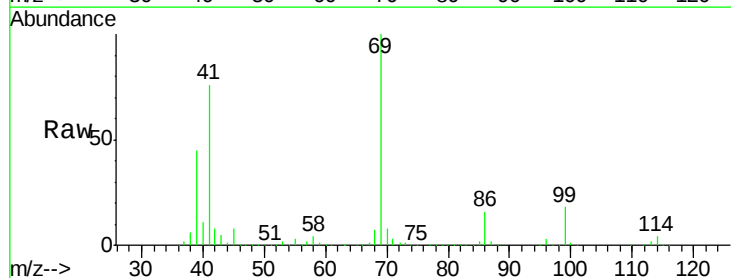


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

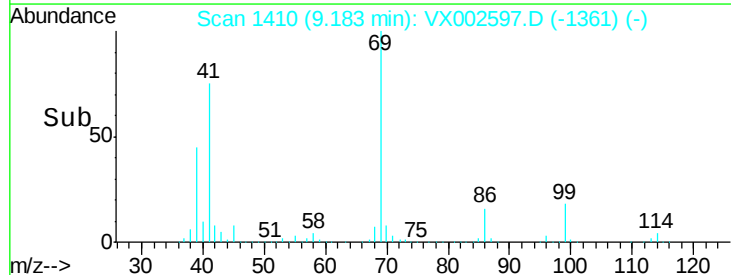
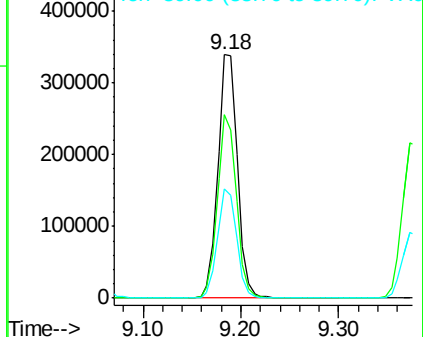


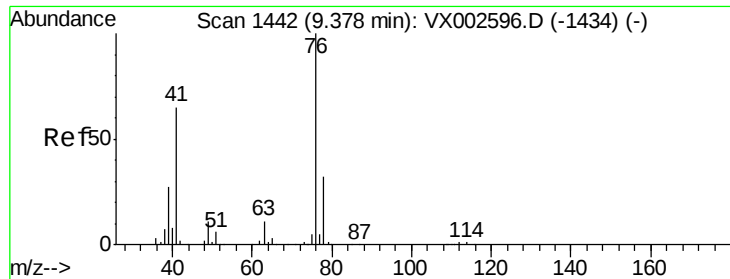
#56
 Ethyl methacrylate
 Concen: 99.100 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion: 69 Resp: 470245
 Ion Ratio Lower Upper
 69 100
 41 73.1 60.3 90.5
 39 44.3 35.8 53.8



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: 95.928 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

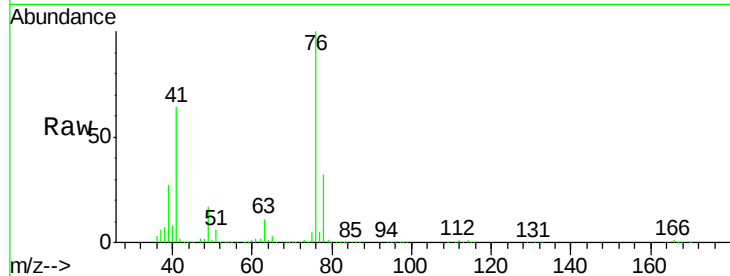
VSTDIC100

Tgt Ion: 76 Resp: 478317

Ion Ratio Lower Upper

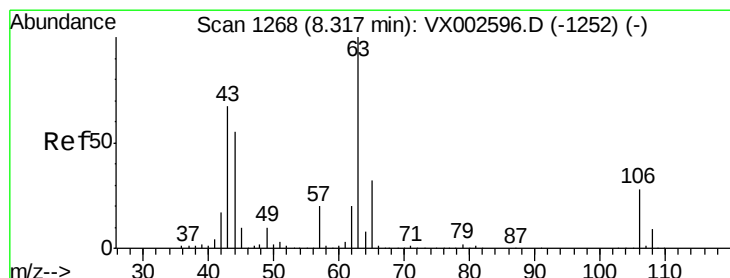
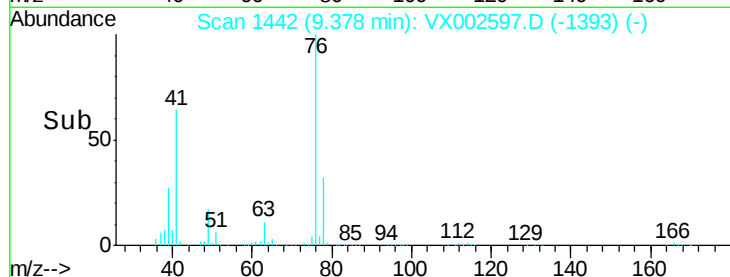
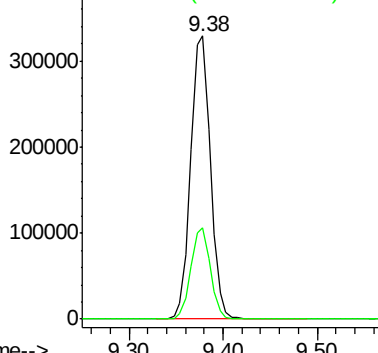
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 507.207 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002597.D

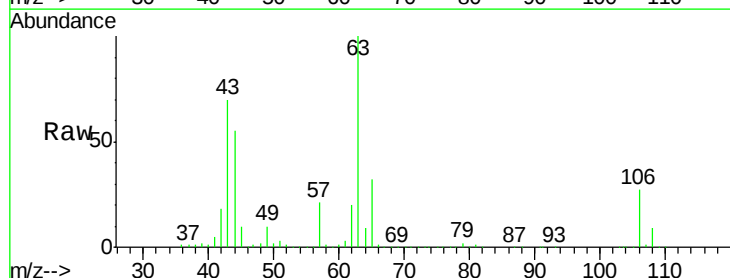
Acq: 15 Jun 2018 13:21

Tgt Ion: 63 Resp: 1113940

Ion Ratio Lower Upper

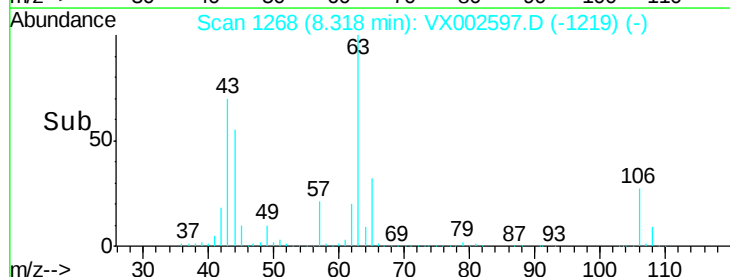
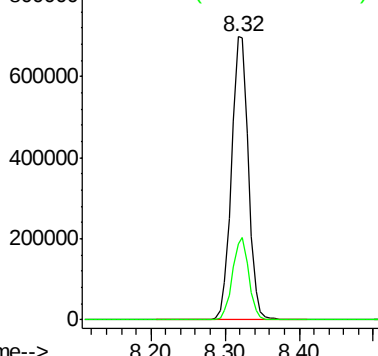
63 100

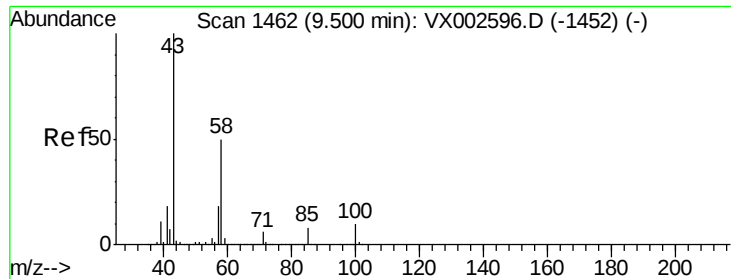
106 28.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

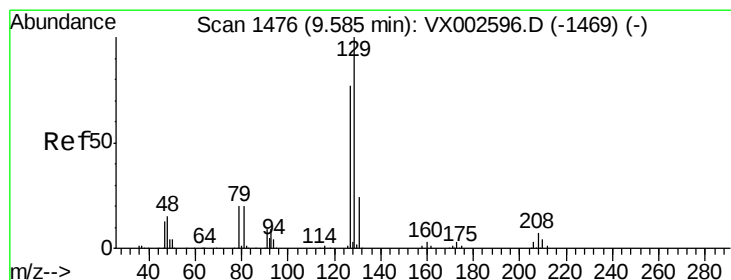
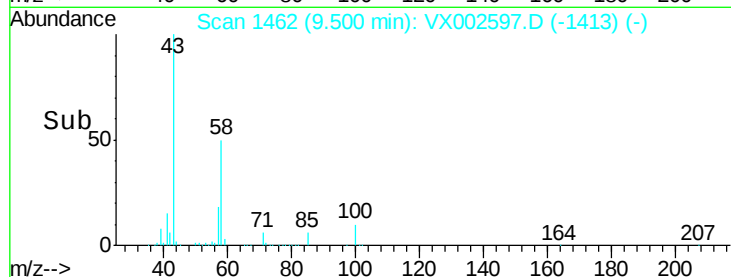
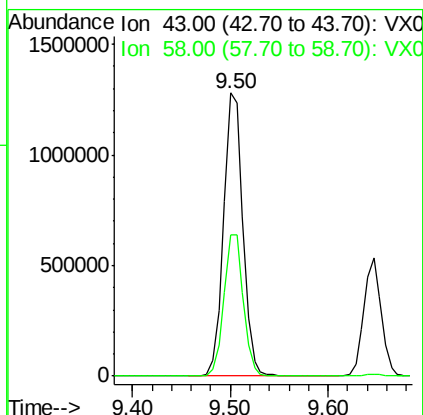
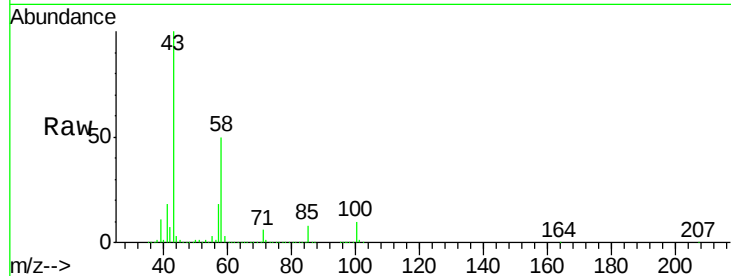




#59
 2-Hexanone
 Concen: 480.285 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

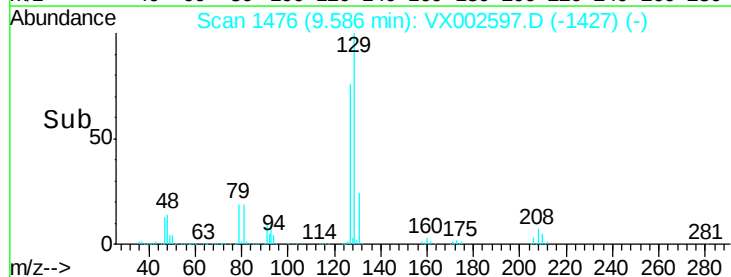
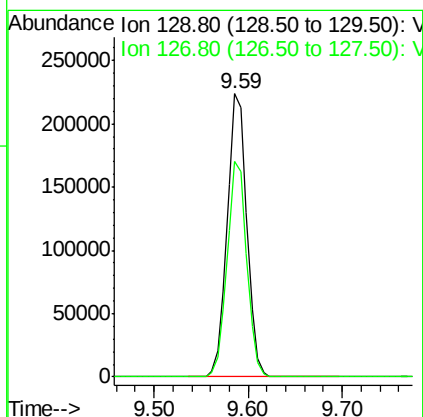
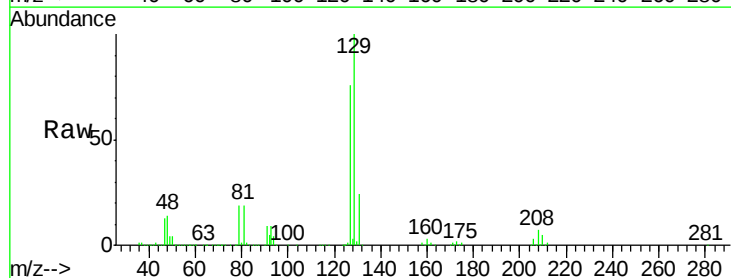
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

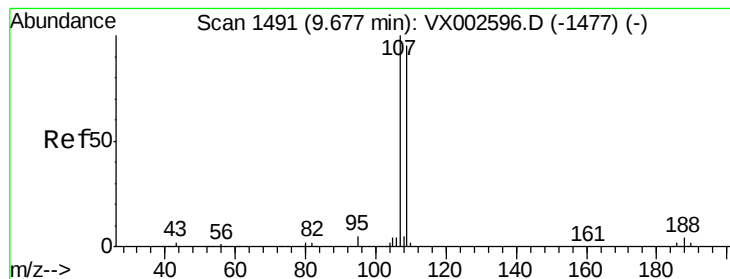
Tgt Ion: 43 Resp: 1748665
 Ion Ratio Lower Upper
 43 100
 58 50.5 24.6 73.6



#60
 Dibromochloromethane
 Concen: 108.243 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion: 129 Resp: 323596
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 100.271 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

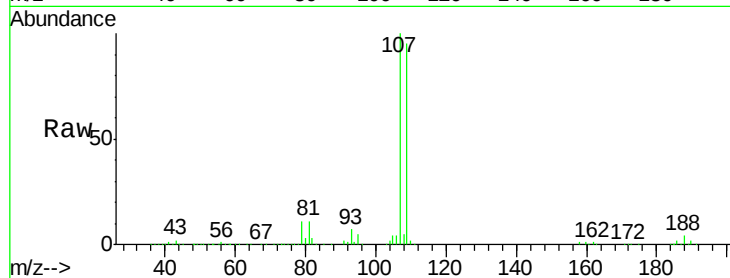
VSTDIC100

Tgt Ion: 107 Resp: 310740

Ion Ratio Lower Upper

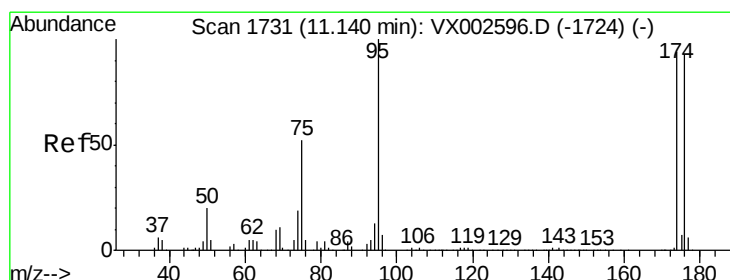
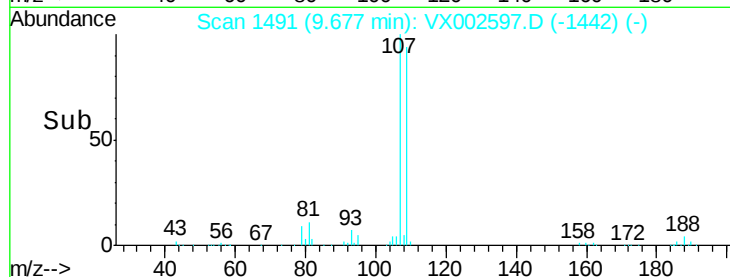
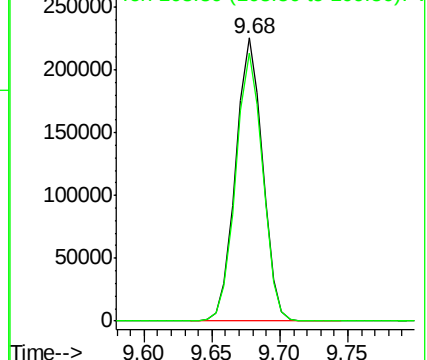
107 100

109 95.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 101.326 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

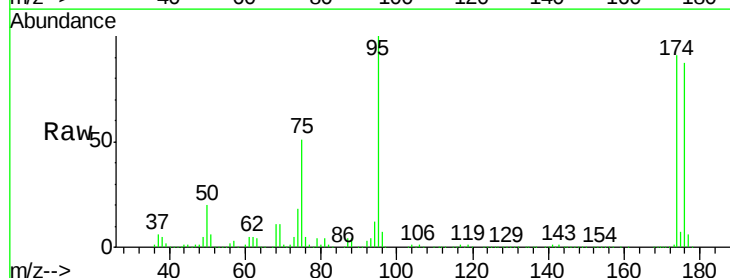
Tgt Ion: 95 Resp: 415136

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

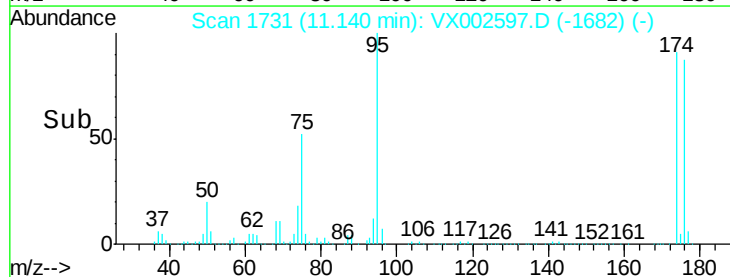
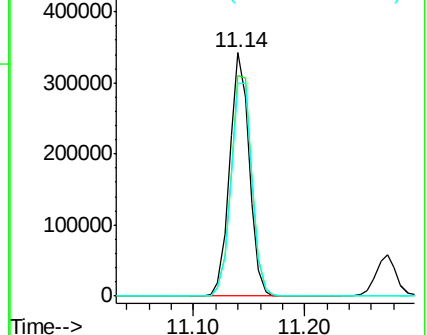
176 93.8 0.0 181.0



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

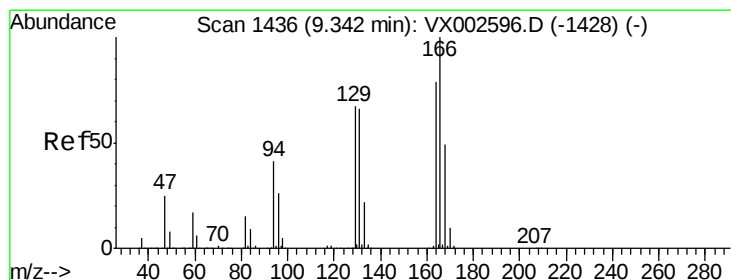
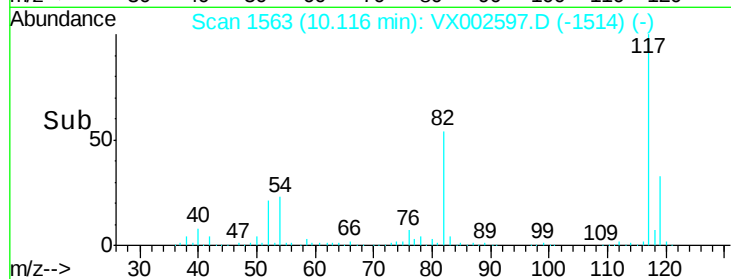
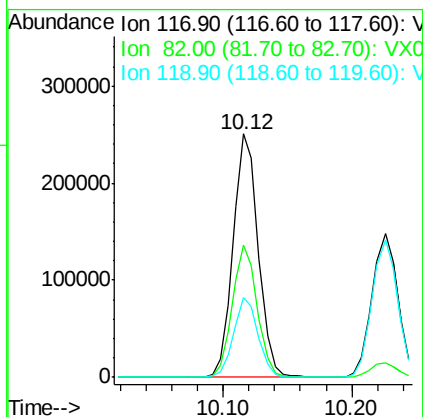
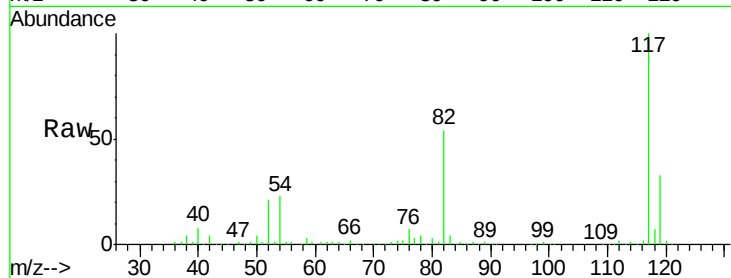




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

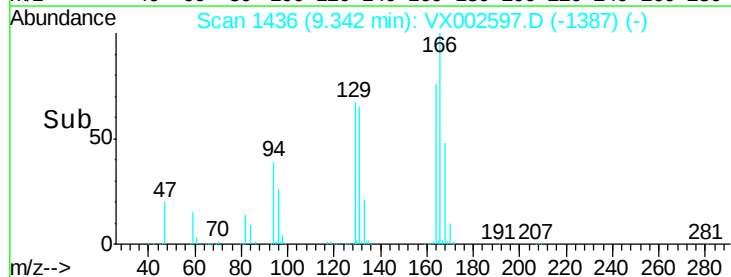
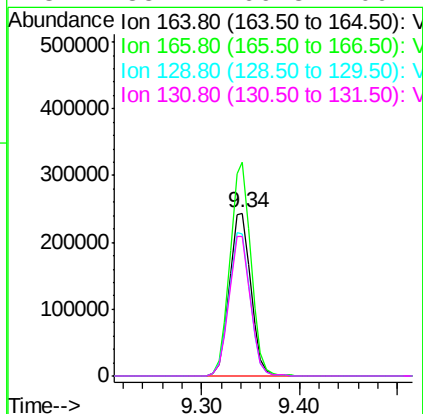
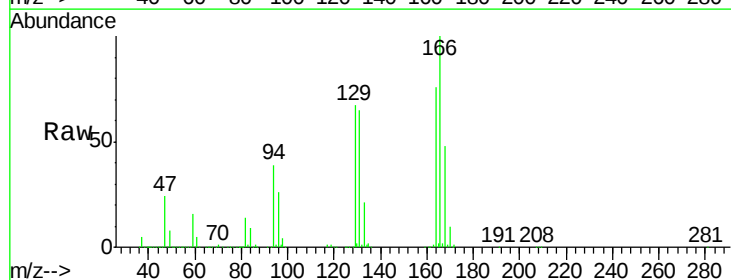
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

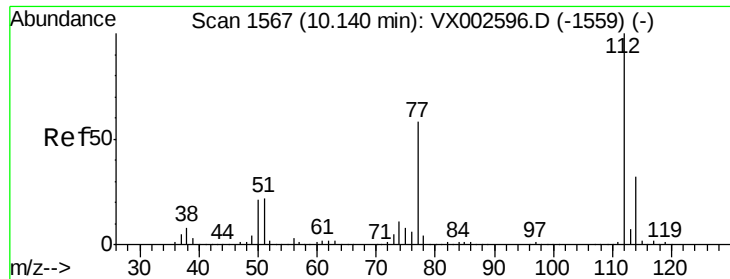
Tgt Ion:117 Resp: 341477
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 105.127 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion:164 Resp: 370228
Ion Ratio Lower Upper
164 100
166 131.0 102.9 154.3
129 87.3 68.6 102.8
131 85.4 66.8 100.2





#65

Chlorobenzene

Concen: 98.422 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

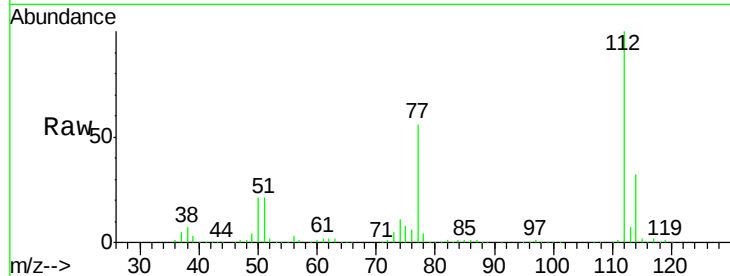
VSTDIC100

Tgt Ion:112 Resp: 836280

Ion Ratio Lower Upper

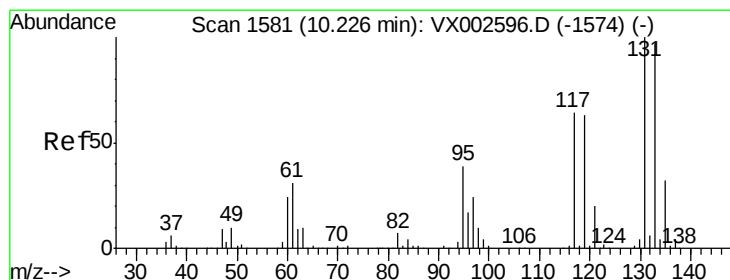
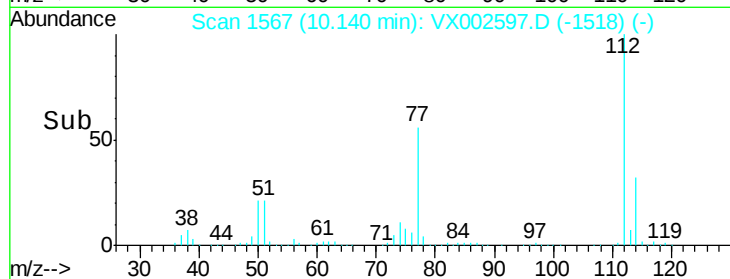
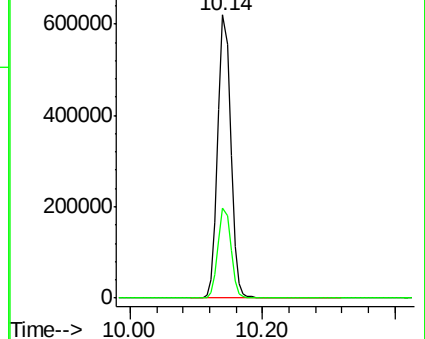
112 100

114 31.9 25.3 37.9



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: 101.162 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

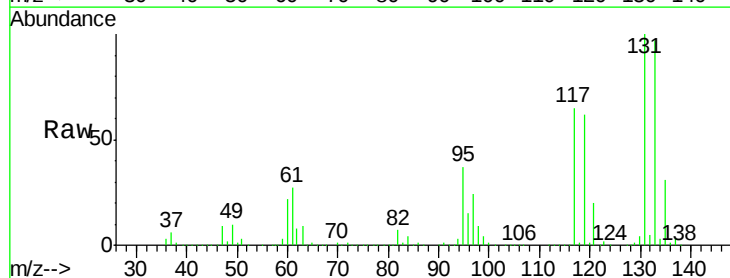
Tgt Ion:131 Resp: 311239

Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

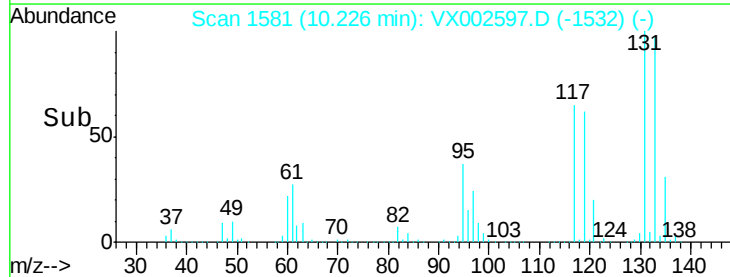
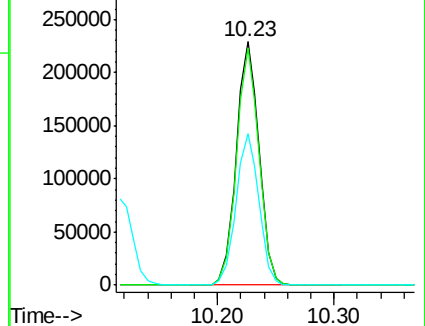
119 62.4 31.8 95.3

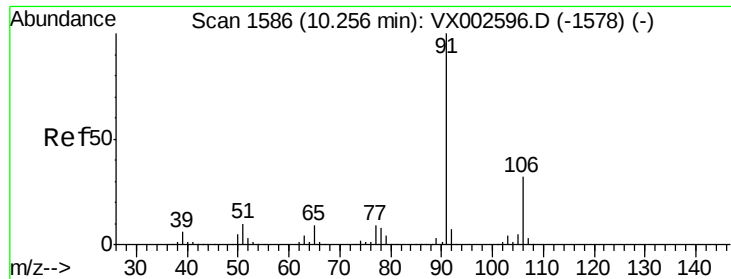


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 100.666 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

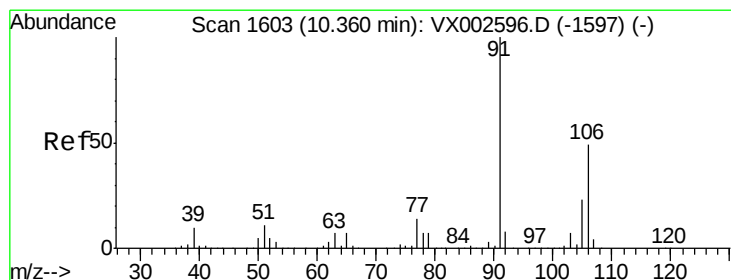
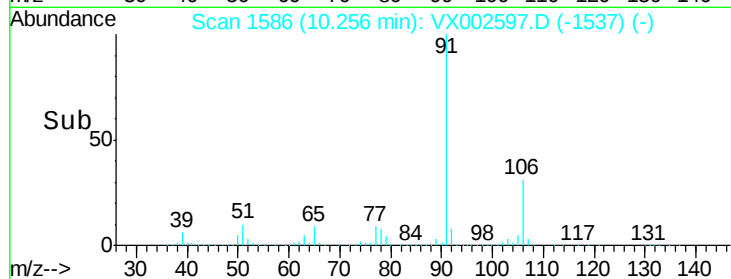
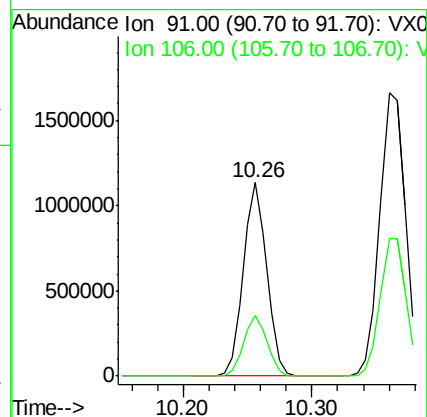
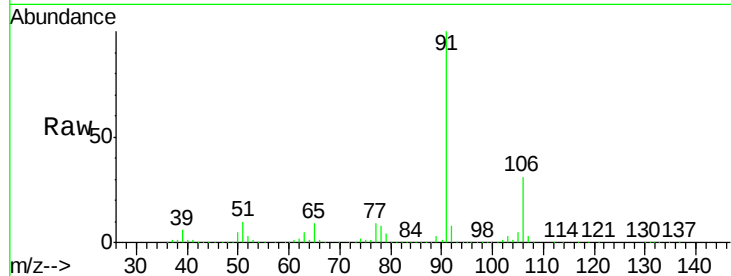
VSTDIC100

Tgt Ion: 91 Resp: 1431439

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 203.191 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002597.D

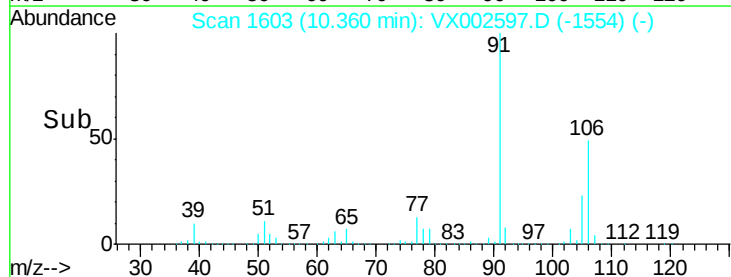
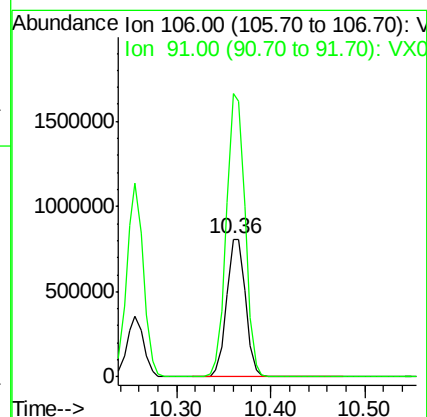
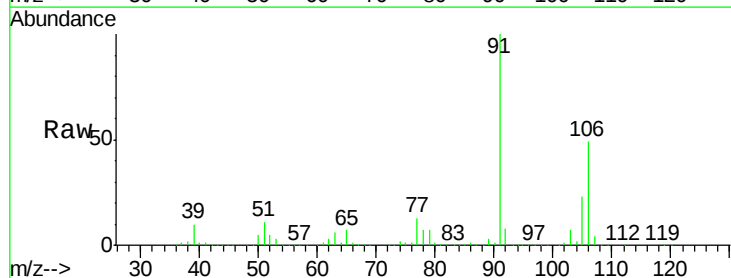
Acq: 15 Jun 2018 13:21

Tgt Ion: 106 Resp: 1123154

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.2

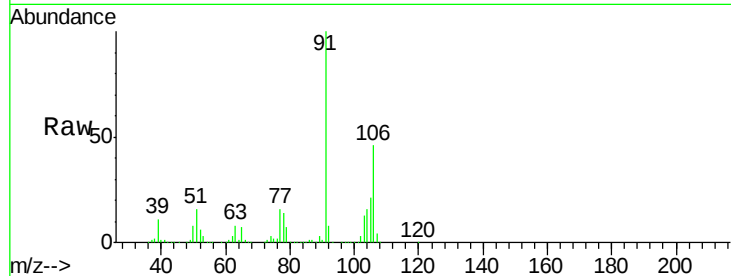




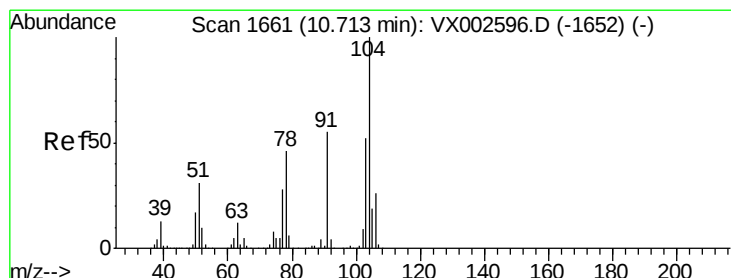
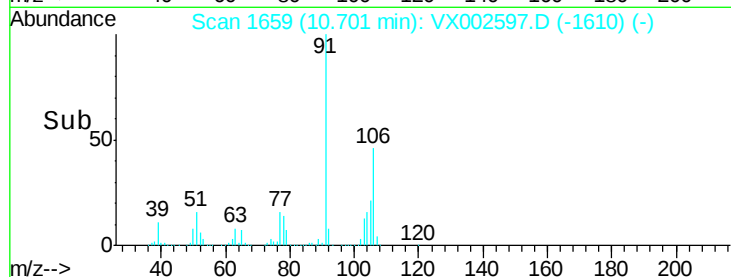
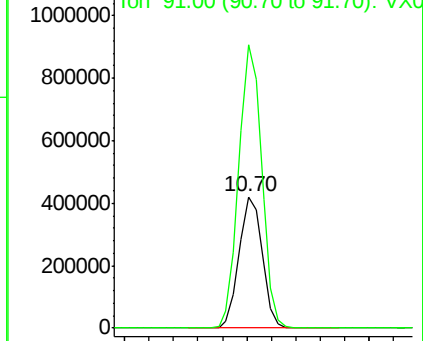
#69
o-Xylene
Concen: 99.858 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 549300
Ion Ratio Lower Upper
106 100
91 214.0 108.2 324.6

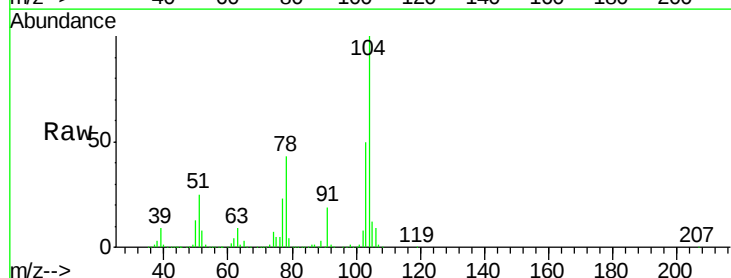


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

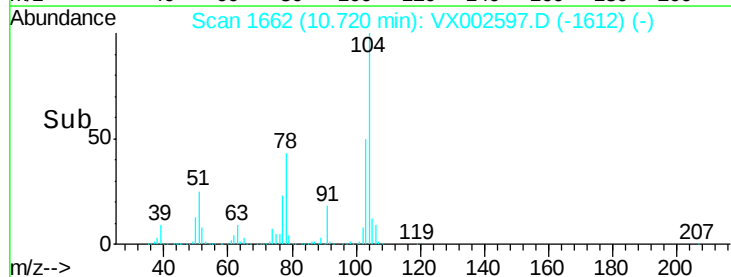
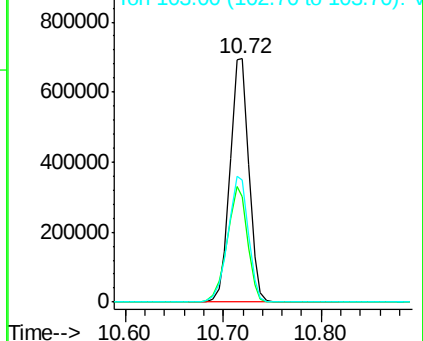


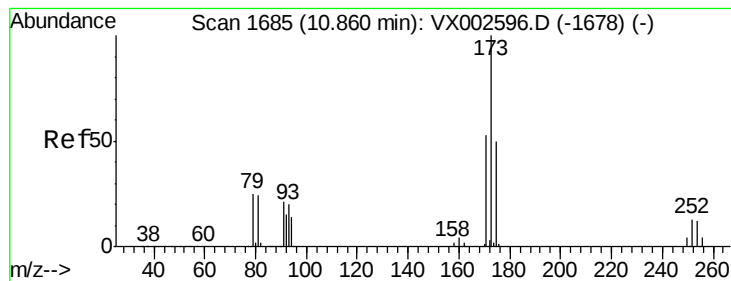
#70
Styrene
Concen: 103.809 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002597.D
Acq: 15 Jun 2018 13:21

Tgt Ion:104 Resp: 933502
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.7 44.2 66.4



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: 106.843 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

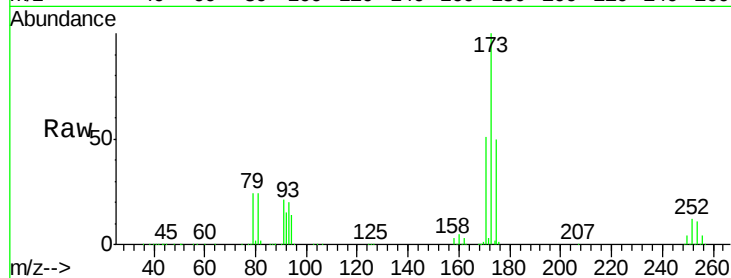
Tgt Ion:173 Resp: 260603

Ion Ratio Lower Upper

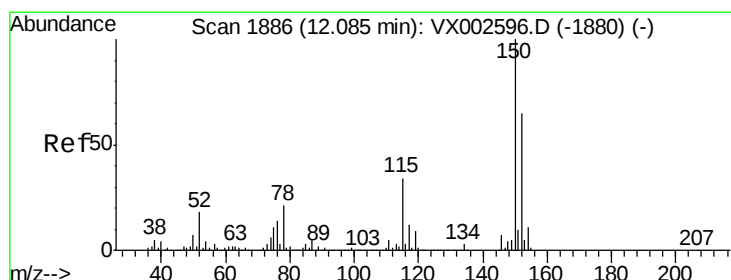
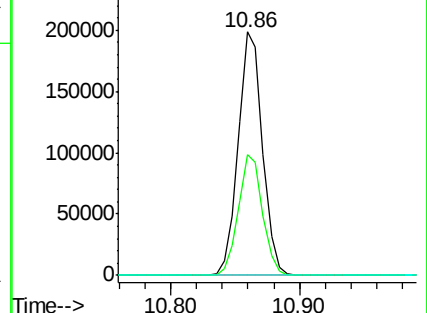
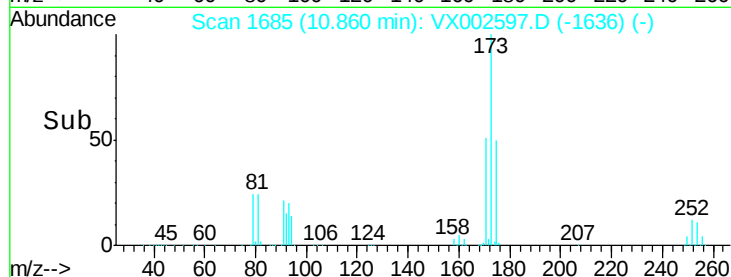
173 100

175 49.2 24.7 74.1

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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

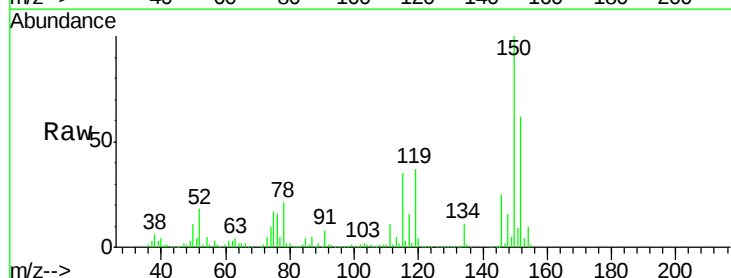
Tgt Ion:152 Resp: 223420

Ion Ratio Lower Upper

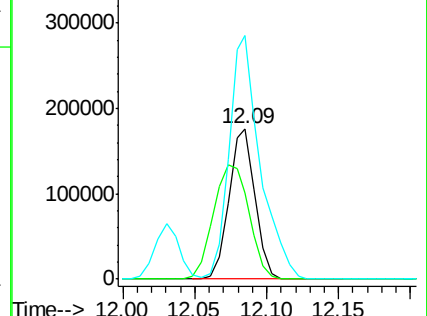
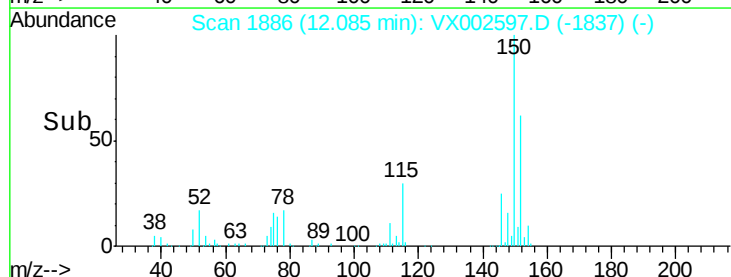
152 100

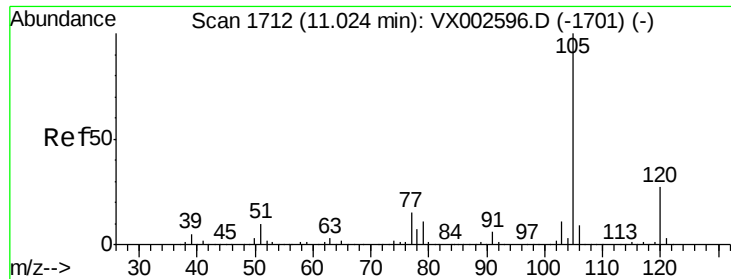
115 103.4 40.1 120.2

150 192.4 0.0 347.2



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: 96.418 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

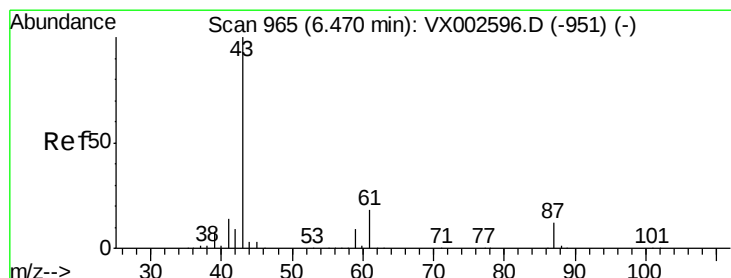
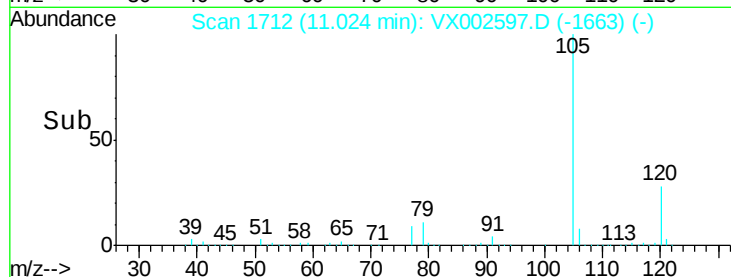
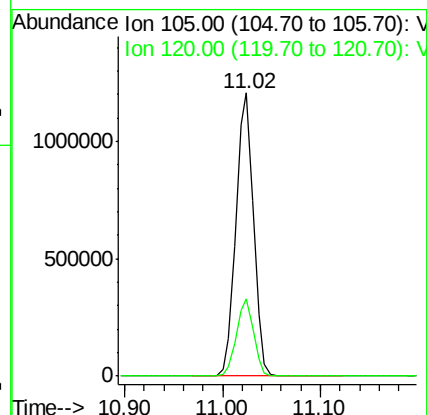
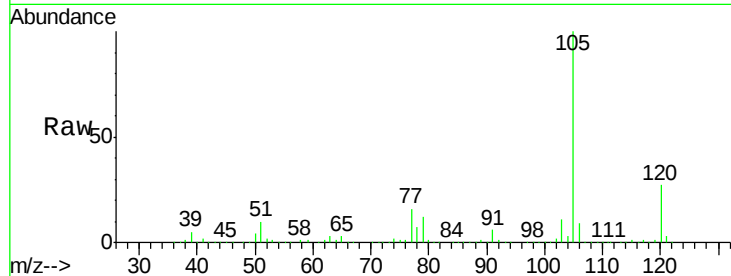
VSTDIC100

Tgt Ion:105 Resp: 1498539

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 85.226 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Tgt Ion: 43 Resp: 713731

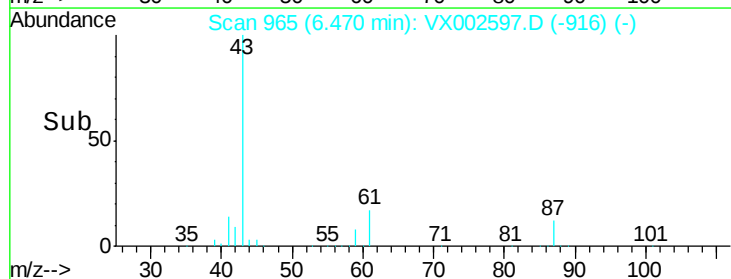
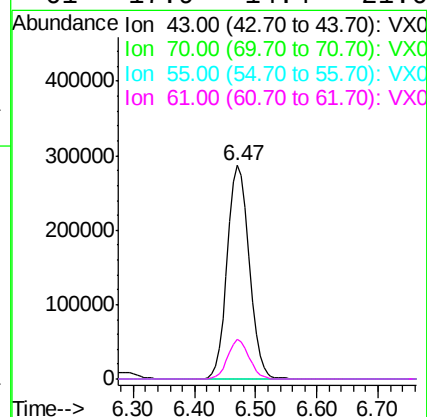
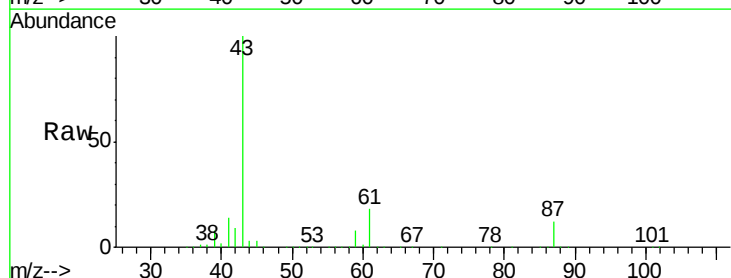
Ion Ratio Lower Upper

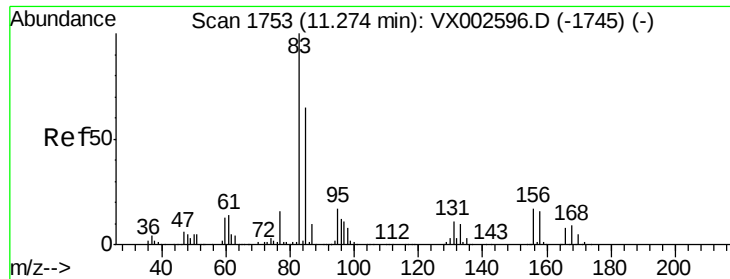
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 88.951 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

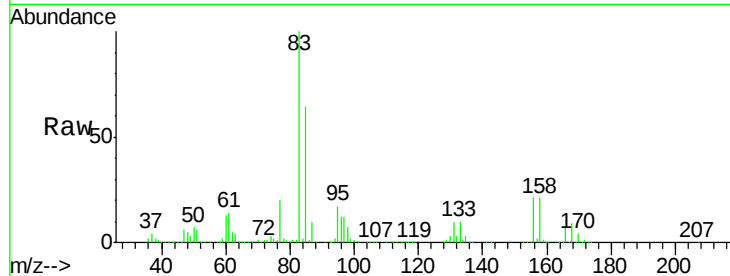
Tgt Ion: 83 Resp: 434814

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

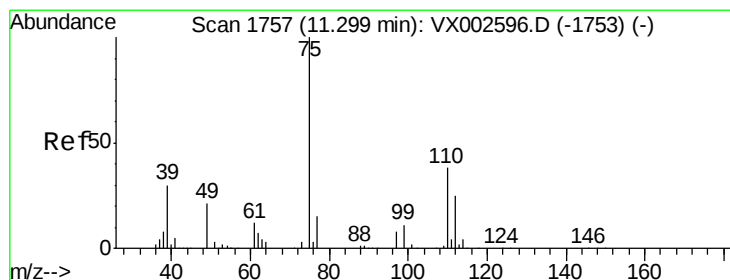
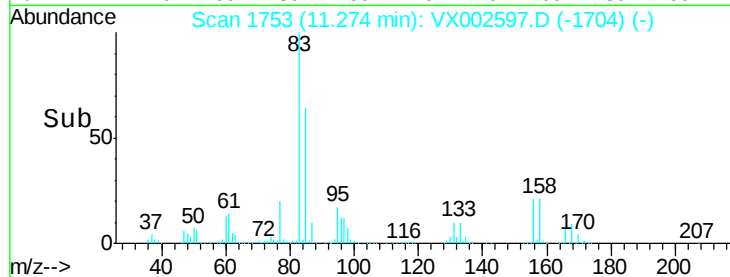
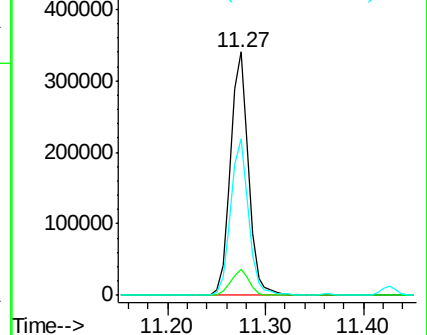
85 64.1 32.4 97.2



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: 107.181 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002597.D

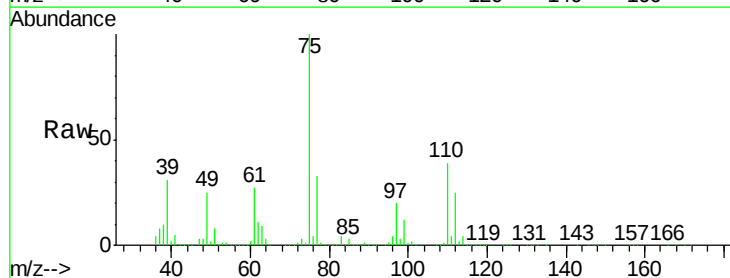
Acq: 15 Jun 2018 13:21

Tgt Ion: 75 Resp: 525449

Ion Ratio Lower Upper

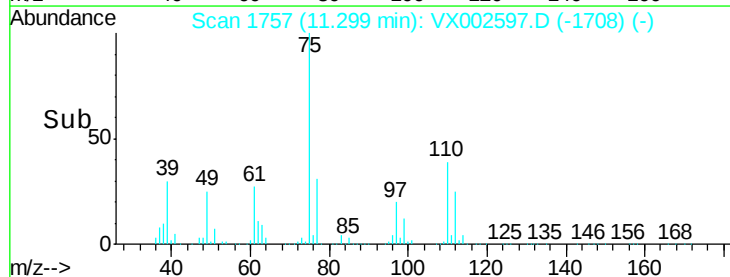
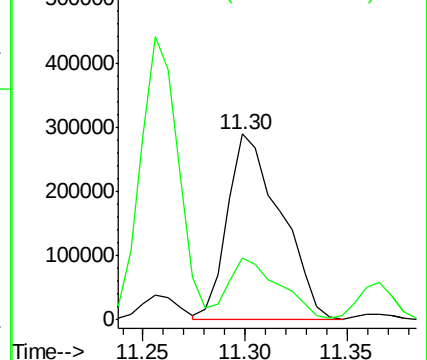
75 100

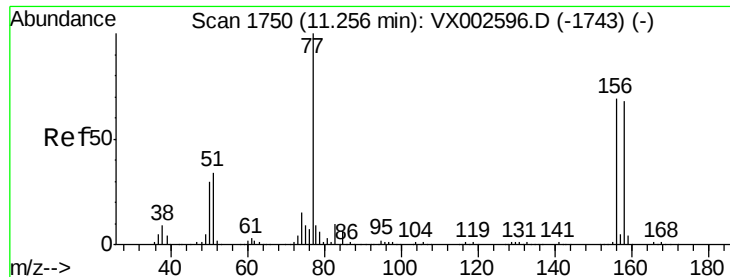
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.431 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

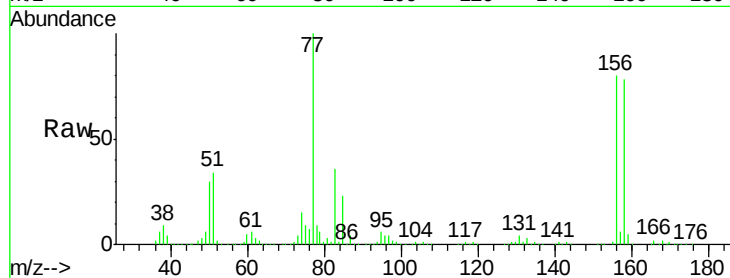
Tgt Ion:156 Resp: 412029

Ion Ratio Lower Upper

156 100

77 137.4 71.4 214.2

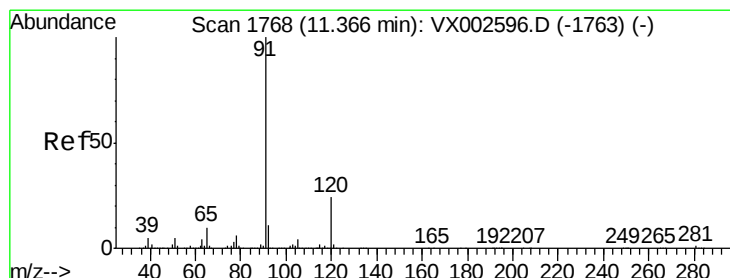
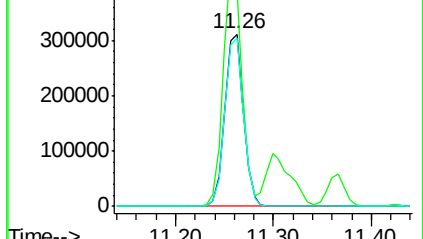
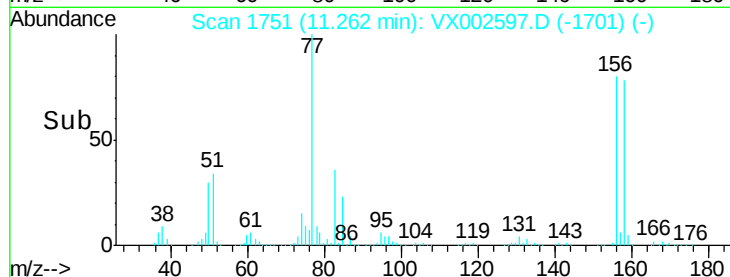
158 98.1 48.9 146.6



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: 100.054 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002597.D

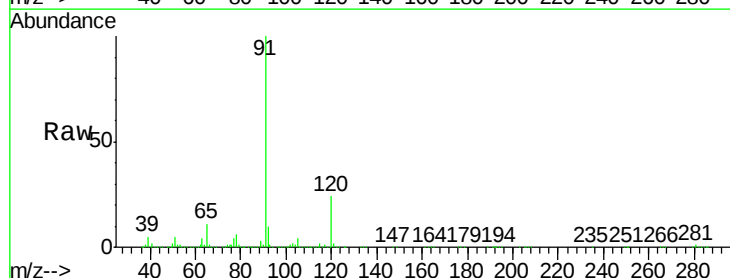
Acq: 15 Jun 2018 13:21

Tgt Ion: 91 Resp: 1728409

Ion Ratio Lower Upper

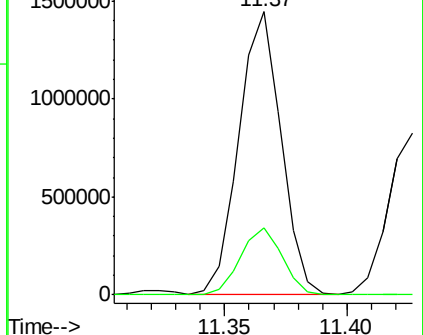
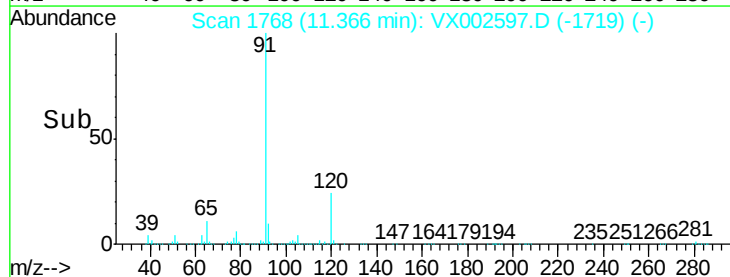
91 100

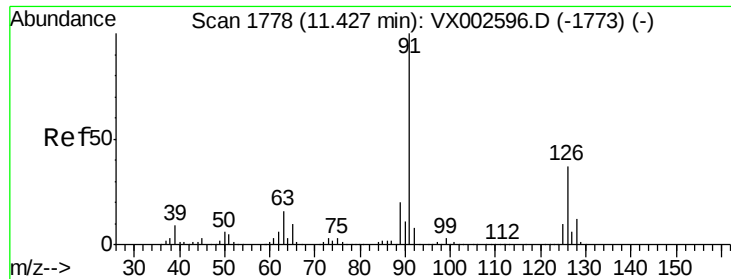
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

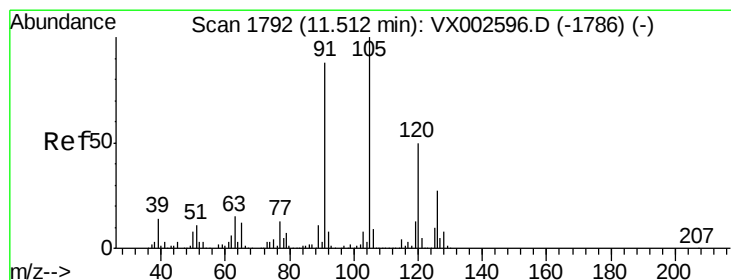
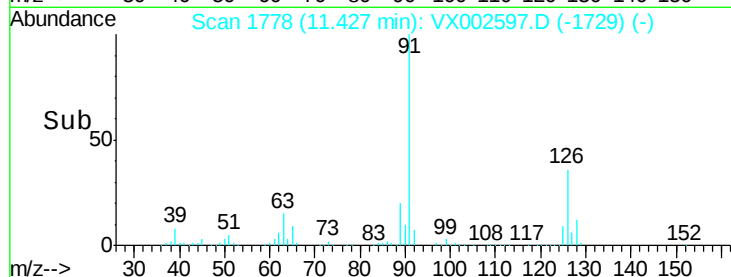
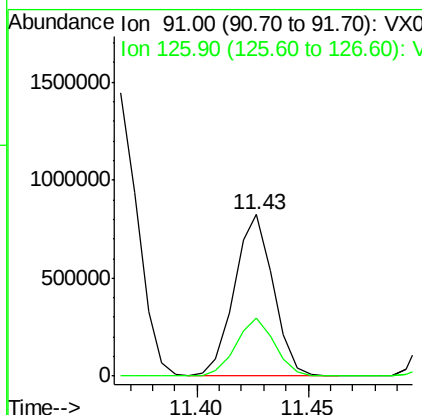
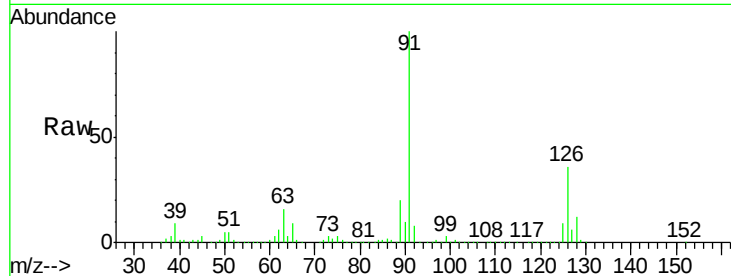




#79
 2-Chlorotoluene
 Concen: 91.597 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

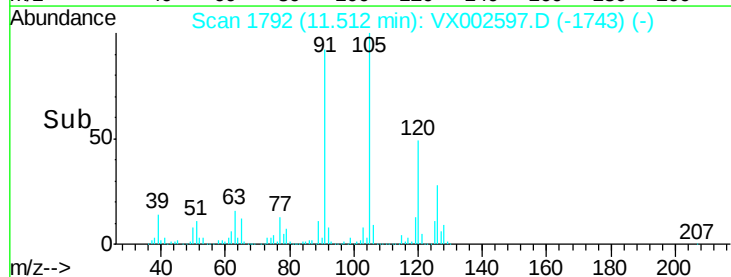
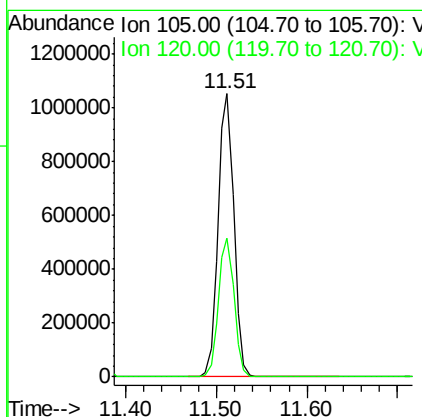
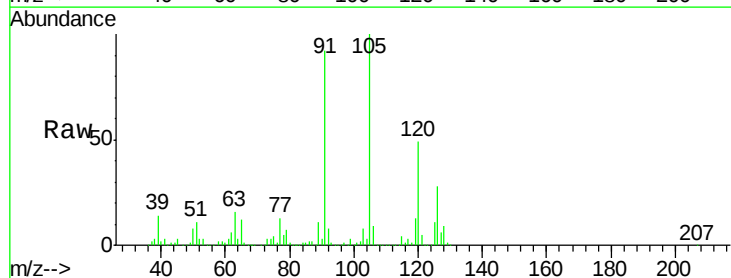
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

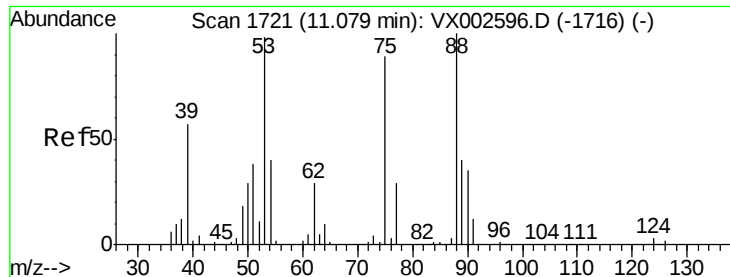
Tgt Ion: 91 Resp: 999122
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 95.972 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion: 105 Resp: 1279389
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 94.614 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

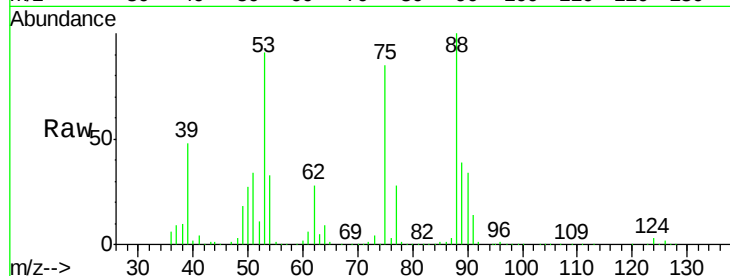
Tgt Ion: 75 Resp: 132323

Ion Ratio Lower Upper

75 100

53 107.0 86.8 130.2

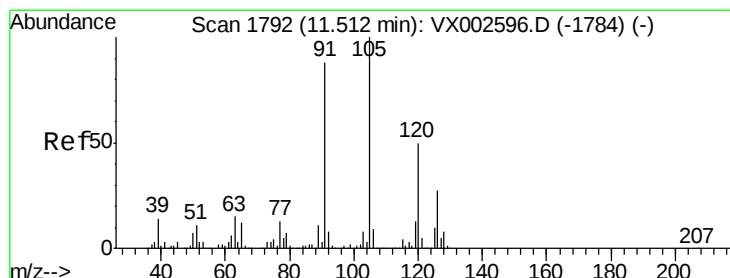
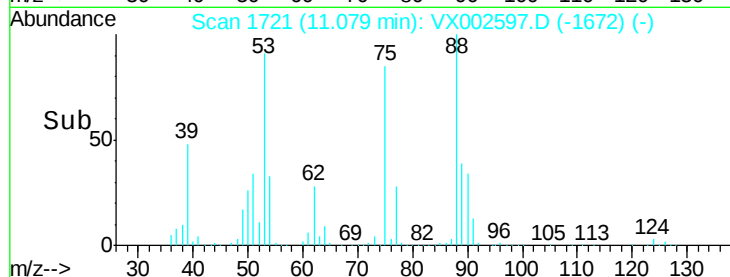
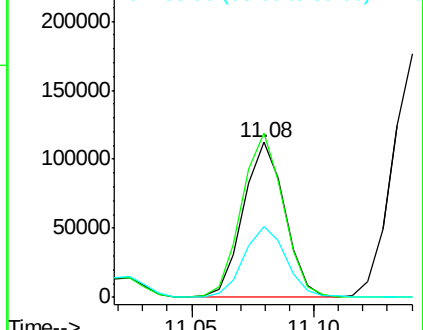
89 47.4 38.2 57.2



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: 96.475 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002597.D

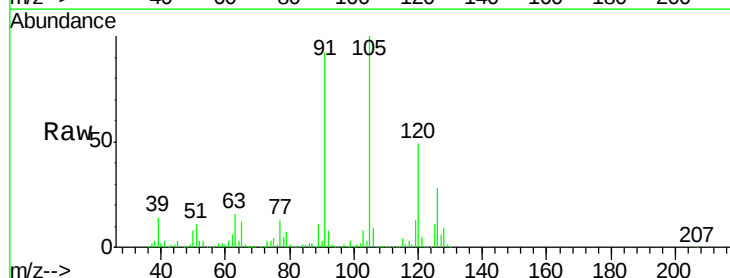
Acq: 15 Jun 2018 13:21

Tgt Ion: 91 Resp: 1214659

Ion Ratio Lower Upper

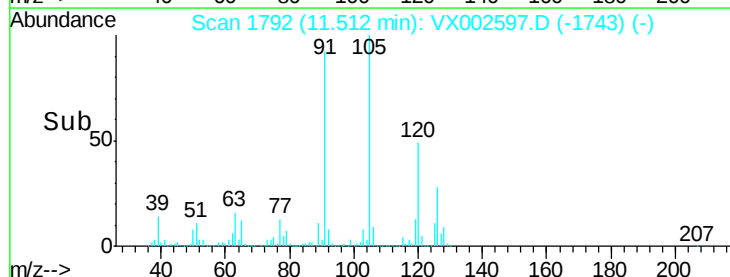
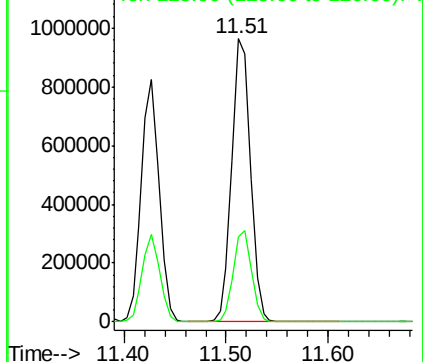
91 100

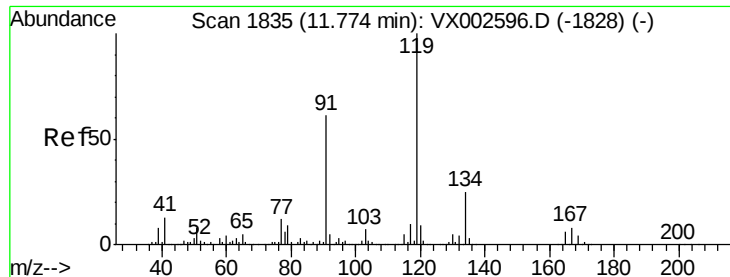
126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

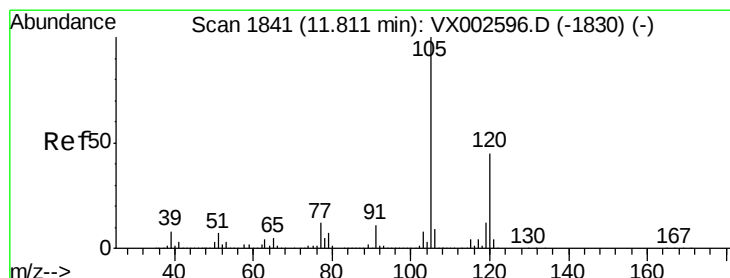
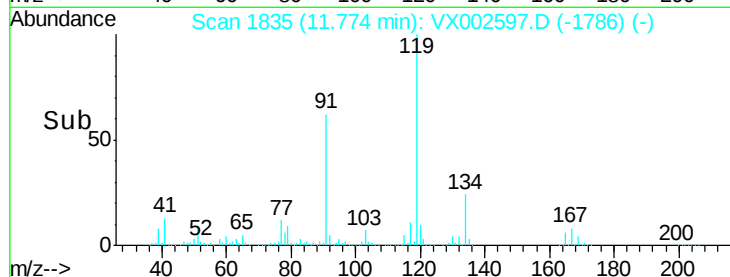
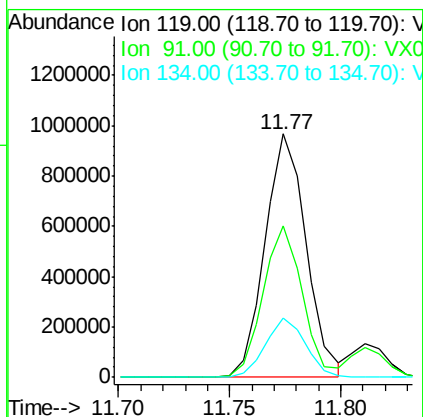
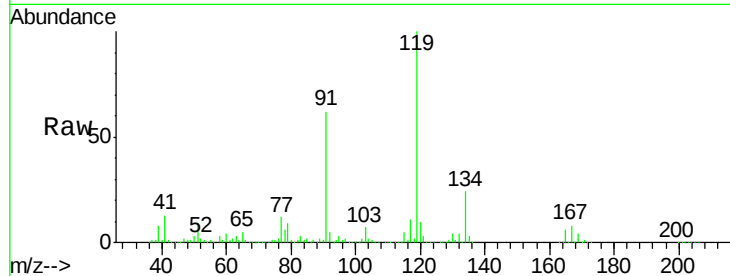




#83
 tert-Butylbenzene
 Concen: 95.503 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

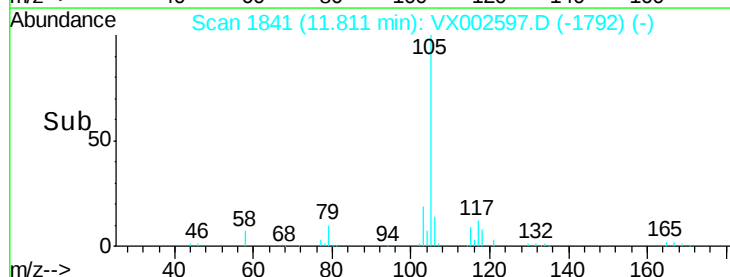
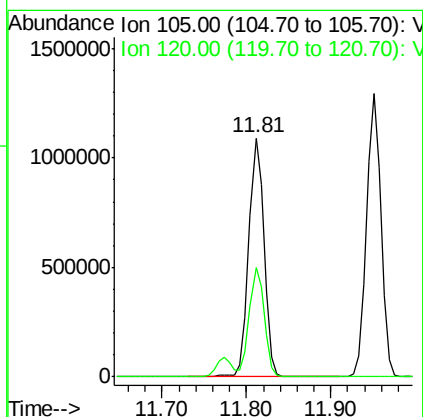
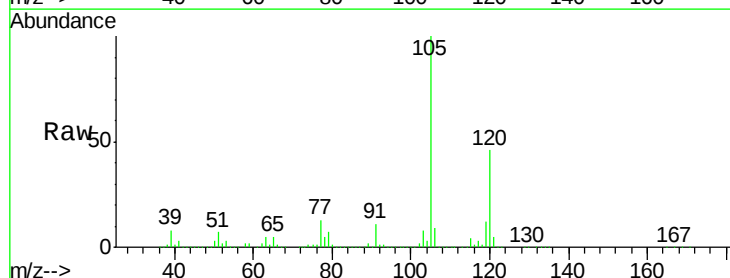
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

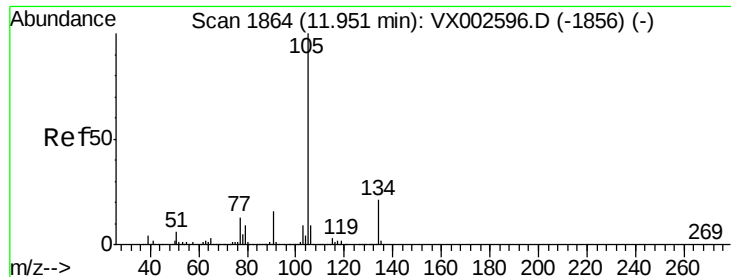
Tgt Ion:119 Resp: 1239759
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 95.216 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion:105 Resp: 1306616
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 101.771 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

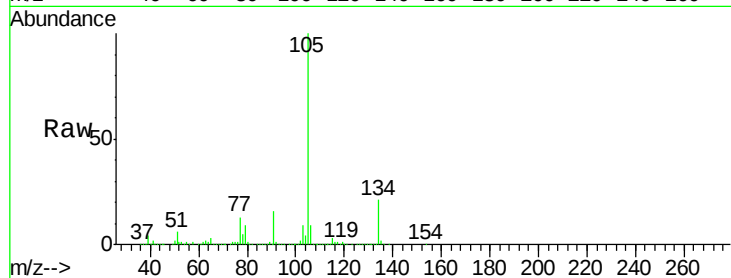
VSTDIC100

Tgt Ion:105 Resp: 1548796

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1500000

11.95

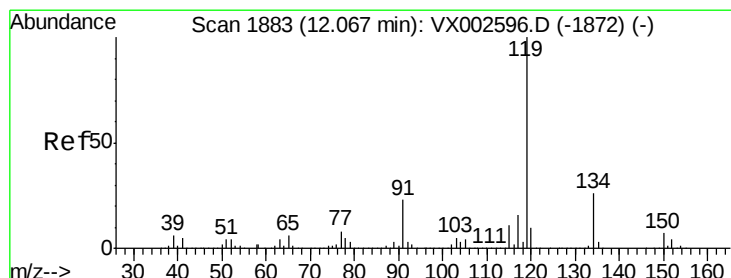
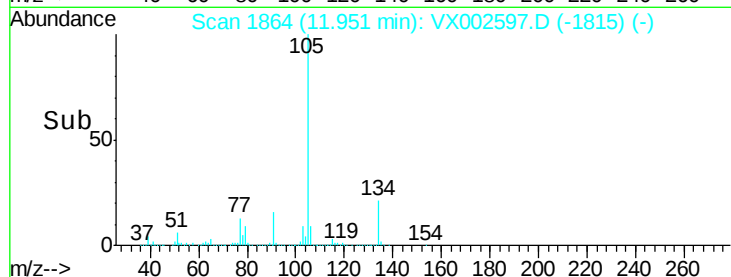
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 101.521 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

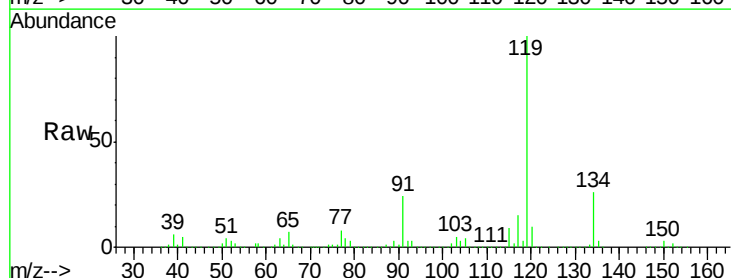
Tgt Ion:119 Resp: 1407281

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1500000

12.07

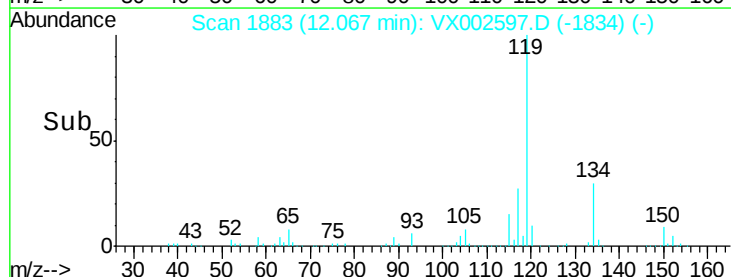
1000000

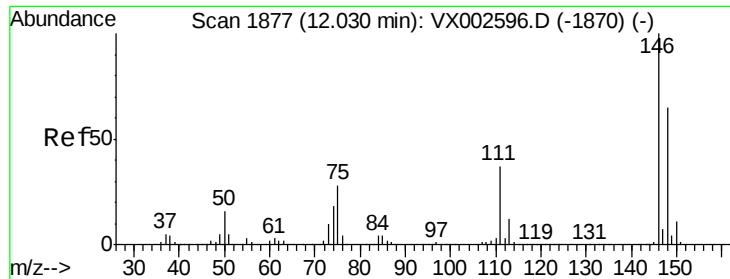
500000

0

Time-->

12.00 12.10

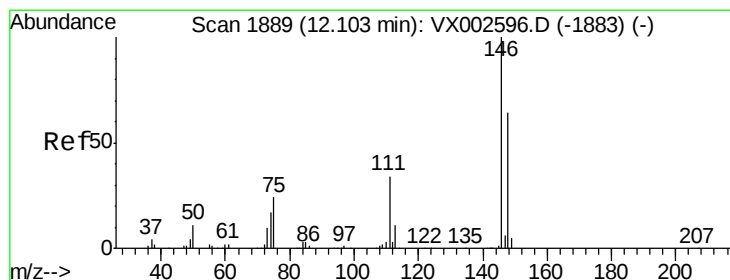
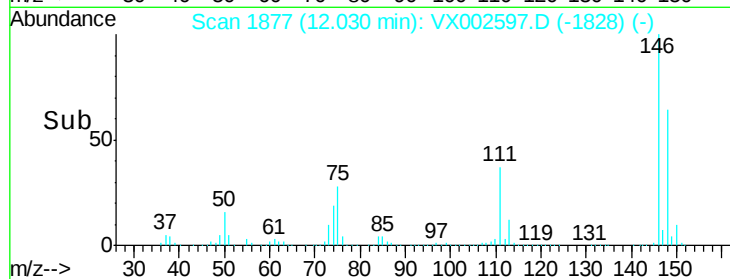
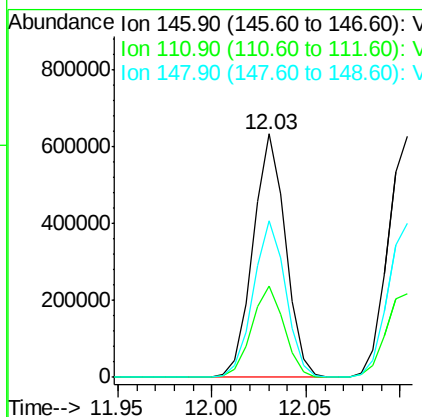
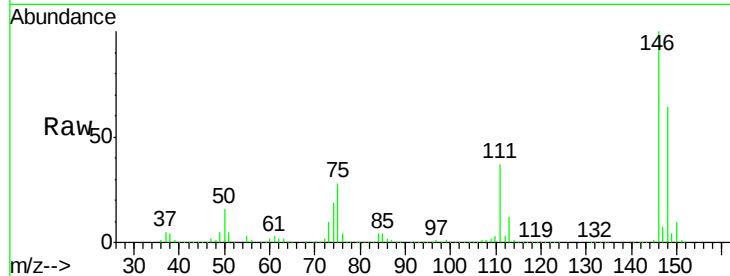




#87
 1,3-Dichlorobenzene
 Concen: 96.667 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

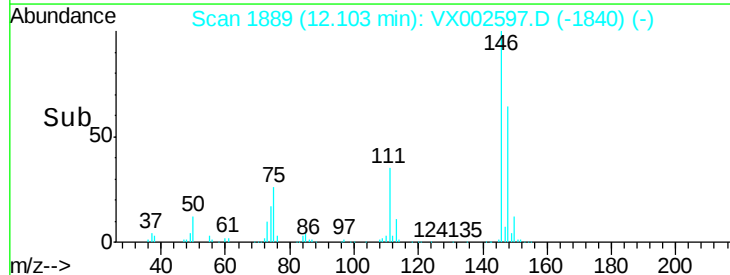
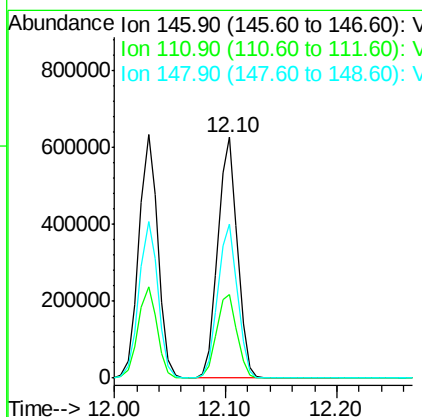
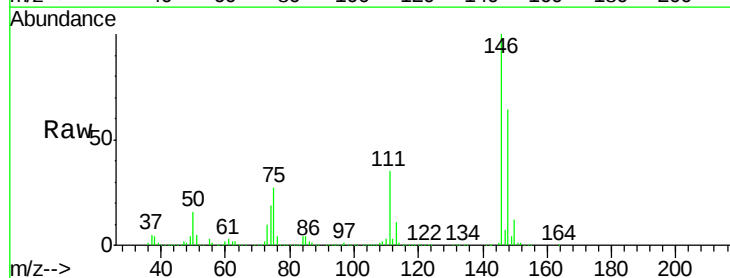
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

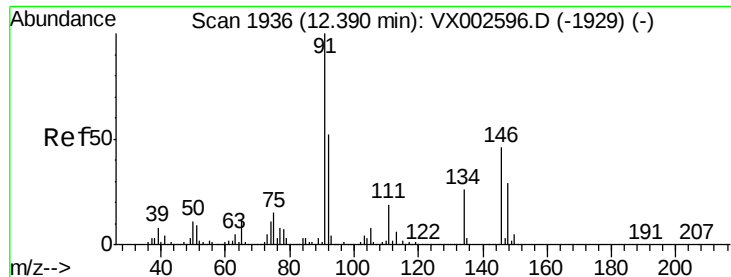
Tgt Ion:146 Resp: 754163
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 94.976 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion:146 Resp: 763757
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 64.5 32.4 97.0





#89

n-Butylbenzene

Concen: 108.867 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

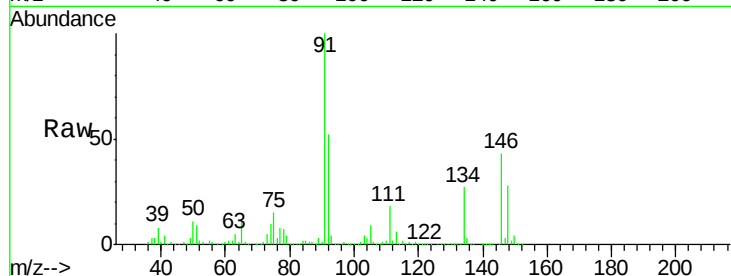
Tgt Ion: 91 Resp: 1265674

Ion Ratio Lower Upper

91 100

92 52.5 26.0 78.0

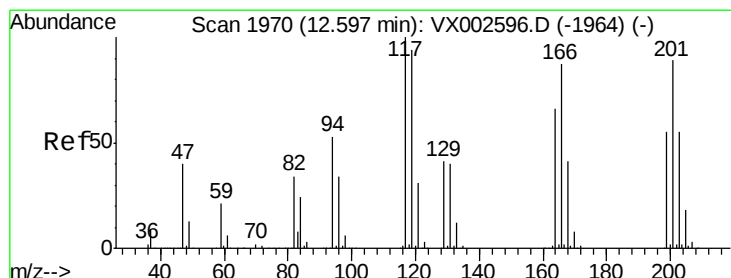
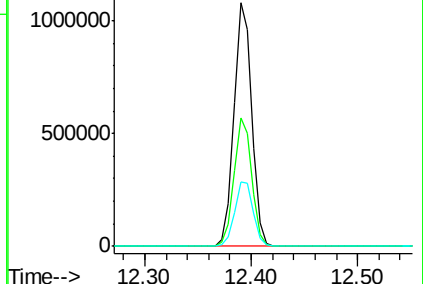
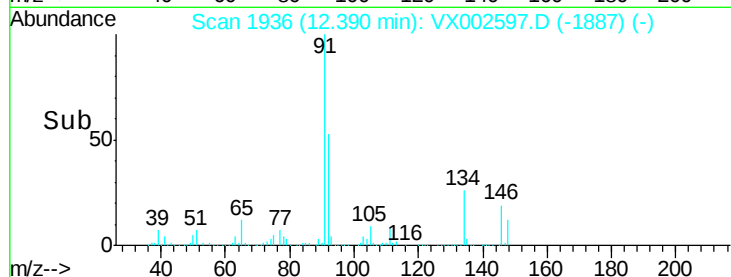
134 27.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002597.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002597.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002597.D (-1887) (-)



#90

Hexachloroethane

Concen: 98.419 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002597.D

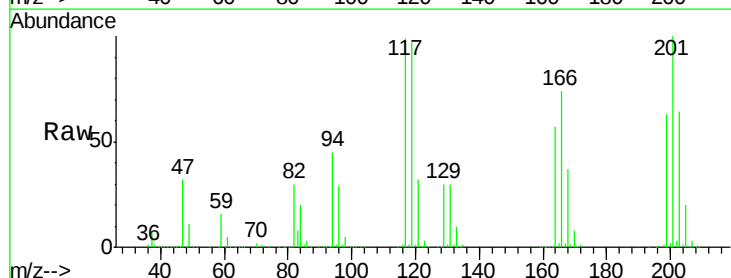
Acq: 15 Jun 2018 13:21

Tgt Ion: 117 Resp: 217780

Ion Ratio Lower Upper

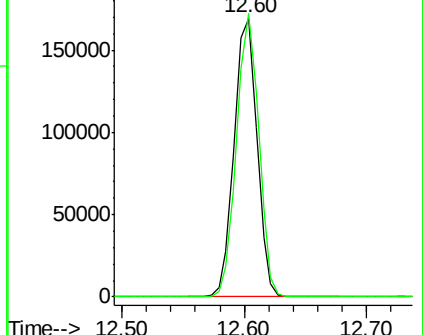
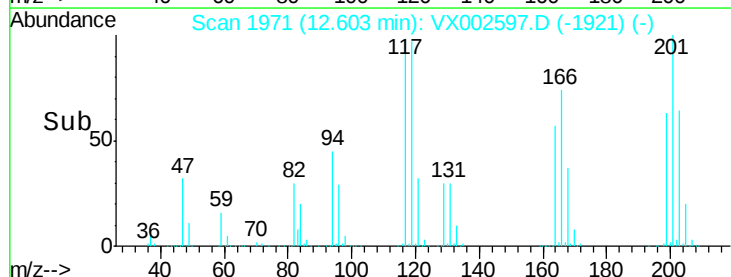
117 100

201 99.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002597.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX002597.D (-1921) (-)





#91

1,2-Dichlorobenzene

Concen: 94.182 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

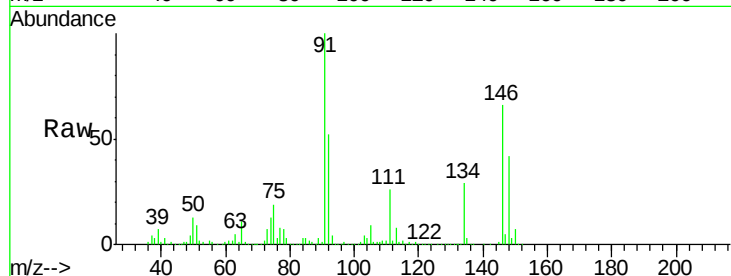
Tgt Ion:146 Resp: 760235

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

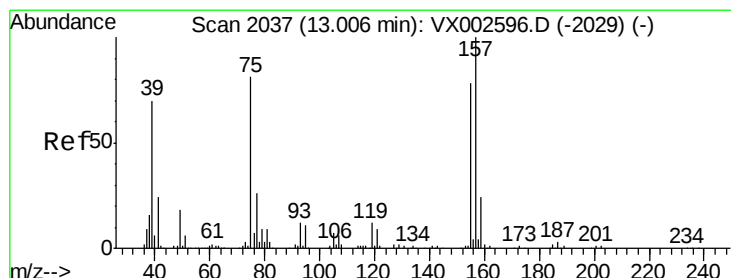
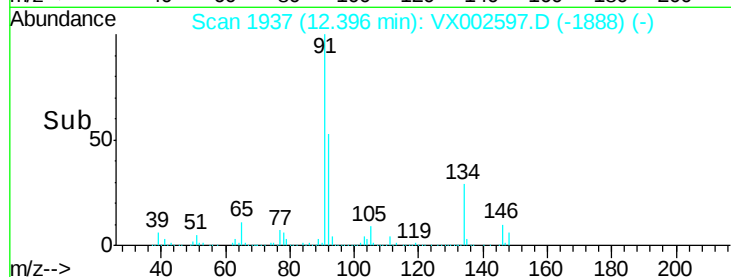
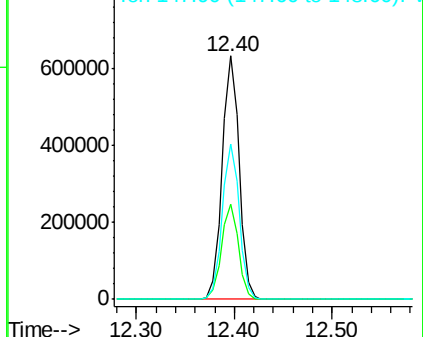
148 64.0 31.7 95.1



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: 97.473 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

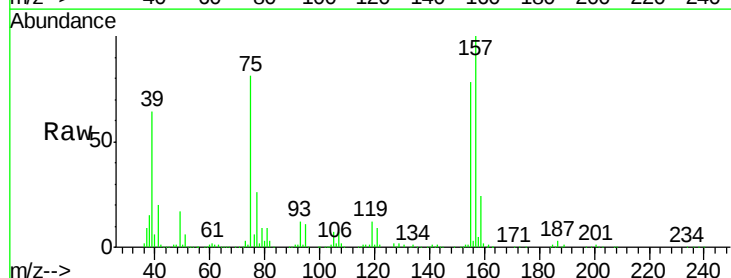
Tgt Ion: 75 Resp: 104195

Ion Ratio Lower Upper

75 100

155 93.9 45.8 137.4

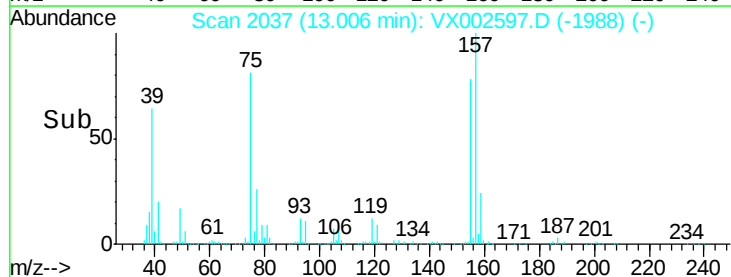
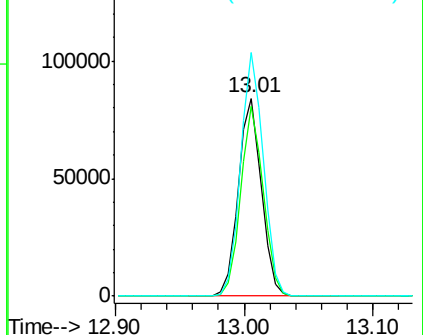
157 121.1 60.1 180.3

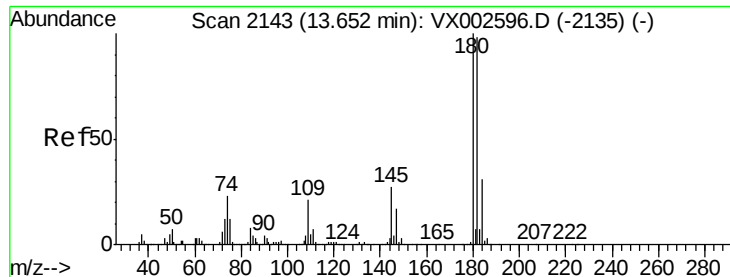


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

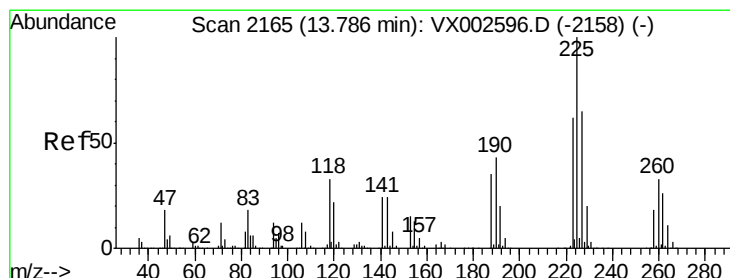
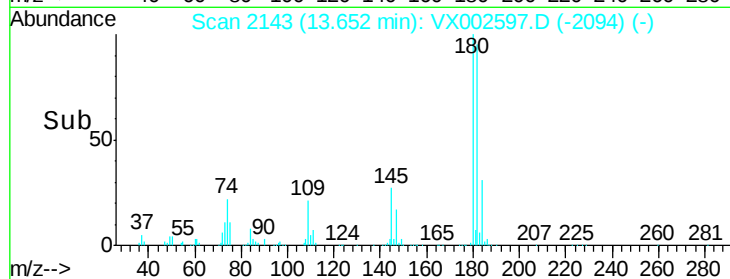
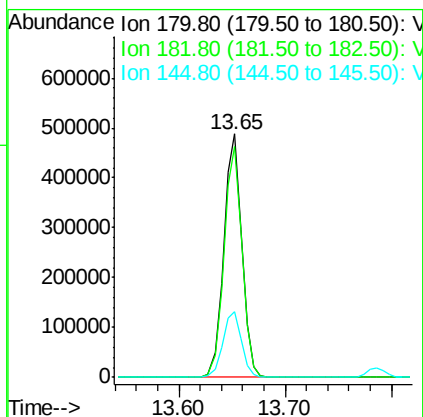
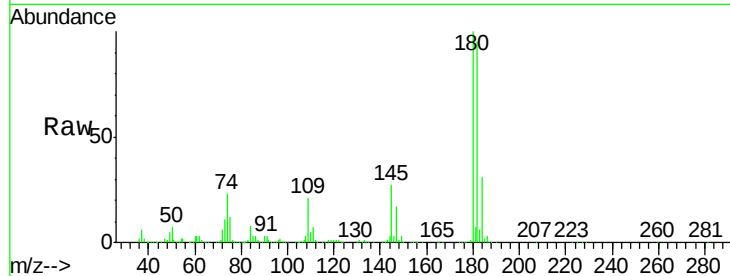




#93
 1,2,4-Trichlorobenzene
 Concen: 101.604 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

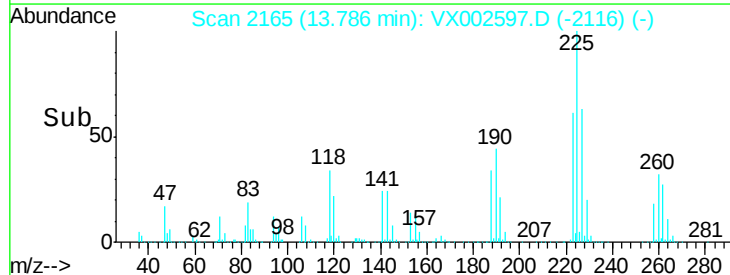
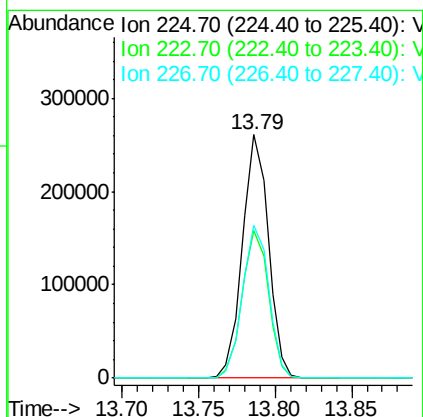
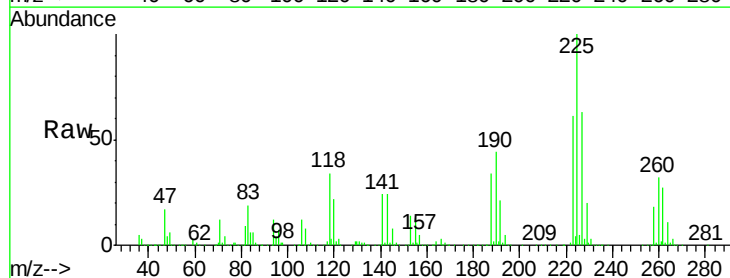
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 575078
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 110.163 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002597.D
 Acq: 15 Jun 2018 13:21

Tgt Ion:225 Resp: 308115
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 63.9 32.4 97.2





#95

Naphthalene

Concen: 96.347 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

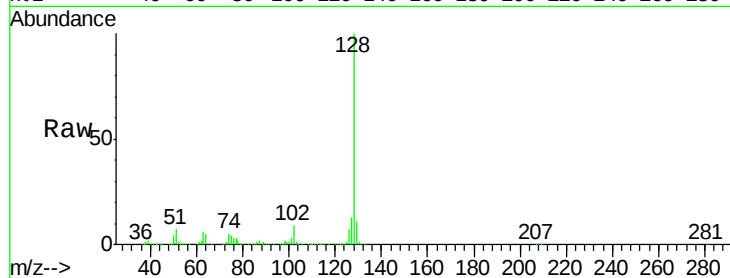
Tgt Ion:128 Resp: 1566828

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

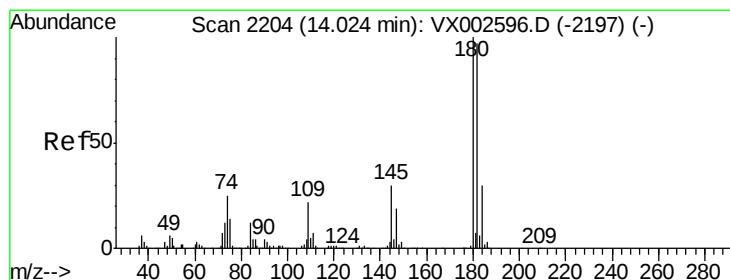
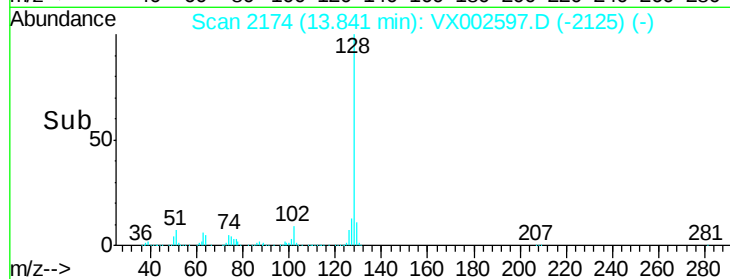
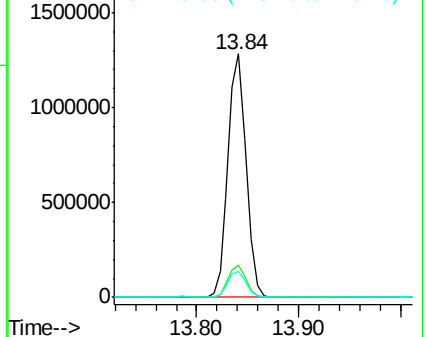
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.557 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002597.D

Acq: 15 Jun 2018 13:21

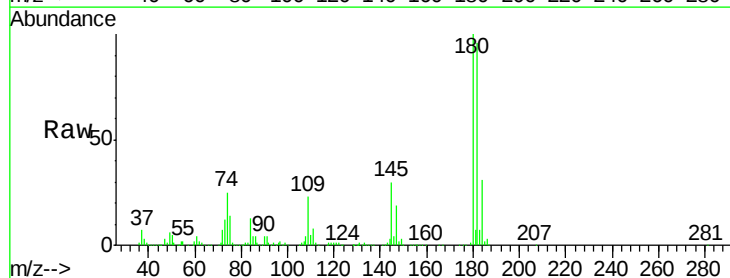
Tgt Ion:180 Resp: 568905

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

