

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
 Data File : VX002595.D
 Acq On : 15 Jun 2018 12:28
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 15 13:16:42 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	232482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	339671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	68219	18.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.74%	
35) Dibromofluoromethane	5.51	113	52224	19.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.10%	
50) Toluene-d8	8.72	98	200627	19.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.20%	
62) 4-Bromofluorobenzene	11.14	95	73486	18.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	49117	20.324	ug/l	97
3) Chloromethane	1.32	50	58950	18.537	ug/l	99
4) Vinyl Chloride	1.40	62	63586	20.876	ug/l	97
5) Bromomethane	1.64	94	35171	14.528	ug/l	99
6) Chloroethane	1.73	64	41587	21.108	ug/l	98
7) Trichlorofluoromethane	1.93	101	106976	23.052	ug/l	99
8) Diethyl Ether	2.19	74	38534	20.385	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59209	23.643	ug/l	99
10) Methyl Iodide	2.51	142	63336	17.981	ug/l	99
11) Tert butyl alcohol	3.07	59	73780	99.036	ug/l	96
12) 1,1-Dichloroethene	2.37	96	54424	21.990	ug/l	99
13) Acrolein	2.29	56	34208	95.328	ug/l	97
14) Allyl chloride	2.73	41	105535	19.649	ug/l	98
15) Acrylonitrile	3.15	53	163310	102.991	ug/l	100
16) Acetone	2.45	43	156334	94.039	ug/l	99
17) Carbon Disulfide	2.57	76	122193	18.733	ug/l	98
18) Methyl Acetate	2.78	43	85488	21.796	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	198798	20.278	ug/l	99
20) Methylene Chloride	2.86	84	61795	18.707	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57577	21.096	ug/l	97
22) Diisopropyl ether	3.87	45	182840	18.245	ug/l	93
23) Vinyl Acetate	3.83	43	765967	87.972	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105205	19.818	ug/l	99
25) 2-Butanone	4.71	43	208678	91.546	ug/l	96
26) 2,2-Dichloropropane	4.59	77	71623	17.260	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	57586	19.401	ug/l	97
28) Bromochloromethane	5.03	49	47391	18.436	ug/l	99
29) Tetrahydrofuran	5.17	42	135835	92.426	ug/l	99
30) Chloroform	5.22	83	98835	19.295	ug/l	99
31) Cyclohexane	5.57	56	88313	21.039	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	84458	19.441	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72653	20.346	ug/l	99
37) Ethyl Acetate	4.86	43	82700	19.258	ug/l	99
38) Carbon Tetrachloride	5.79	117	72491	19.405	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87194	21.424	ug/l	98
40) Benzene	6.15	78	217247	19.842	ug/l	99
41) Methacrylonitrile	5.07	41	47392	19.278	ug/l	98
42) 1,2-Dichloroethane	6.20	62	84682	19.467	ug/l	98
43) Isopropyl Acetate	6.47	43	134928	18.498	ug/l	100
44) Trichloroethene	7.21	130	63076	20.757	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55731	18.854	ug/l	96
46) Dibromomethane	7.67	93	38812	19.369	ug/l	98
47) Bromodichloromethane	7.90	83	67472	18.618	ug/l	99
48) Methyl methacrylate	7.78	41	69892	19.076	ug/l	99
49) 1,4-Dioxane	7.76	88	26825	391.570	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	447226	98.456	ug/l	99
52) Toluene	8.79	92	138422	19.878	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79402	18.270	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	71316	17.393	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	56493	19.724	ug/l	99
56) Ethyl methacrylate	9.18	69	85337	18.662	ug/l	100
57) 1,3-Dichloropropane	9.37	76	94086	19.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	212237	100.282	ug/l	99
59) 2-Hexanone	9.50	43	338061	96.353	ug/l	100
60) Dibromochloromethane	9.59	129	51265	17.795	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59001	19.757	ug/l	99
64) Tetrachloroethene	9.34	164	73245	22.155	ug/l	96
65) Chlorobenzene	10.14	112	159036	19.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54219	18.773	ug/l	99
67) Ethyl Benzene	10.26	91	273808	20.512	ug/l	100
68) m/p-Xylenes	10.36	106	208432	40.169	ug/l	99
69) o-Xylene	10.70	106	103419	20.028	ug/l	98
70) Styrene	10.71	104	166919	19.774	ug/l	99
71) Bromoform	10.86	173	36695	16.026	ug/l #	100
73) Isopropylbenzene	11.02	105	278421	20.061	ug/l	100
74) N-amyl acetate	6.47	43	134928	18.043	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80904	18.535	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94690	21.630	ug/l	80
77) Bromobenzene	11.26	156	74289	19.067	ug/l	99
78) n-propylbenzene	11.37	91	320143	20.754	ug/l	100
79) 2-Chlorotoluene	11.43	91	188448	19.347	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	235566	19.789	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18802	15.056	ug/l #	84
82) 4-Chlorotoluene	11.51	91	222285	19.772	ug/l	100
83) tert-Butylbenzene	11.77	119	226083	19.504	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	240470	19.624	ug/l	98
85) sec-Butylbenzene	11.95	105	285553	21.013	ug/l	100
86) p-Isopropyltoluene	12.07	119	254436	20.555	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	138294	19.851	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	140327	19.542	ug/l	100
89) n-Butylbenzene	12.39	91	223092	21.490	ug/l	100
90) Hexachloroethane	12.60	117	33237	16.821	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	137065	19.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16744	17.542	ug/l	97

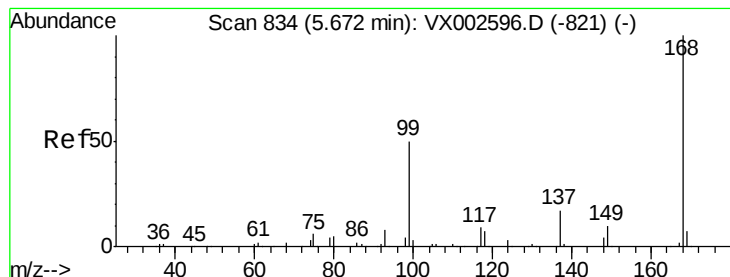
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100240	19.833	ug/l	99
94) Hexachlorobutadiene	13.79	225	54472	21.811	ug/l	98
95) Naphthalene	13.84	128	281257	19.368	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101823	19.754	ug/l	99

(#) = 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: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

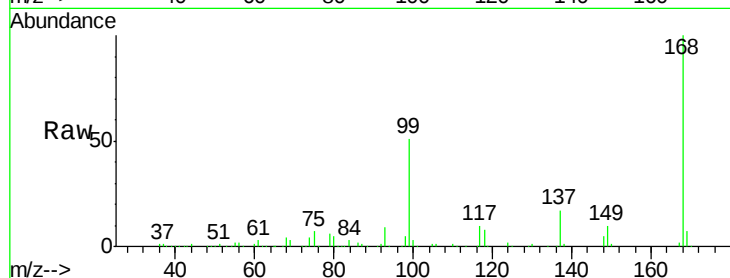
VSTDIC020

Tgt Ion: 168 Resp: 232482

Ion Ratio Lower Upper

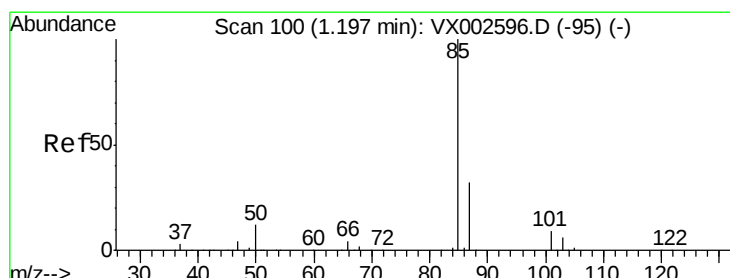
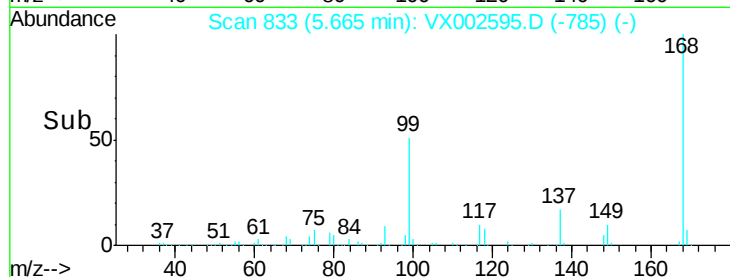
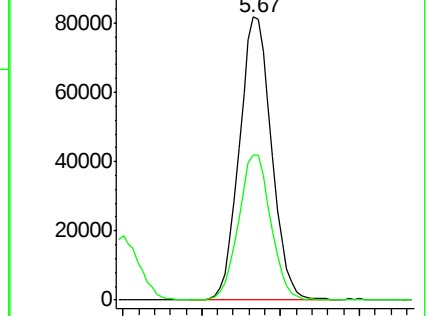
168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.324 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002595.D

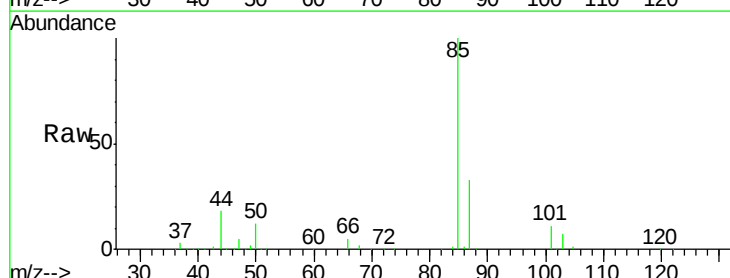
Acq: 15 Jun 2018 12:28

Tgt Ion: 85 Resp: 49117

Ion Ratio Lower Upper

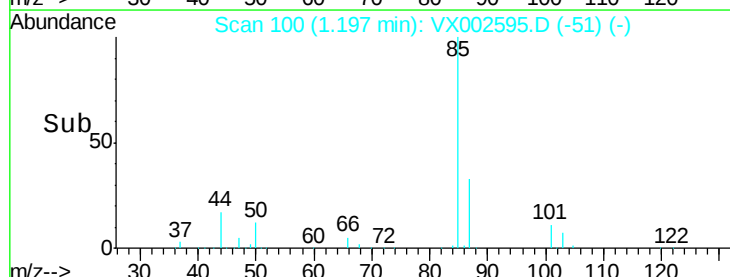
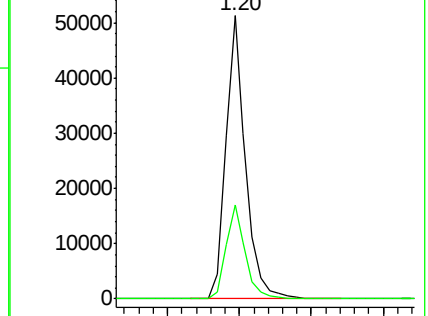
85 100

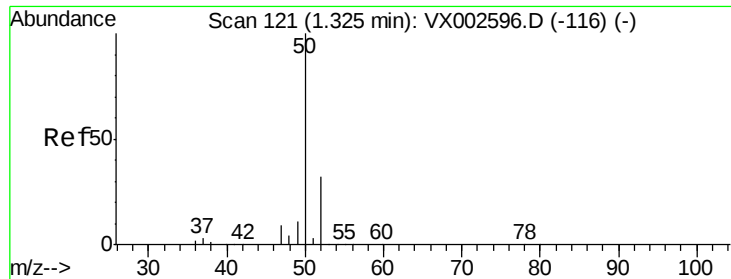
87 33.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.537 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

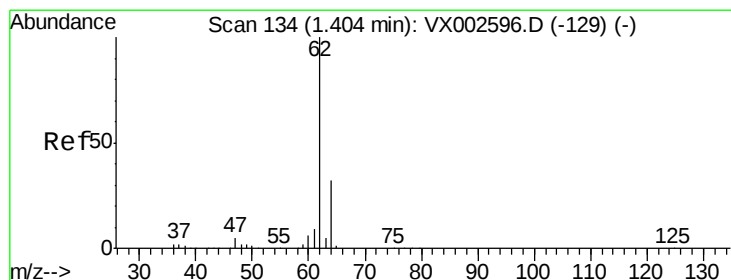
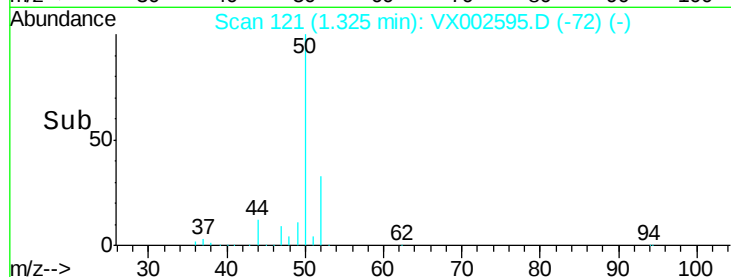
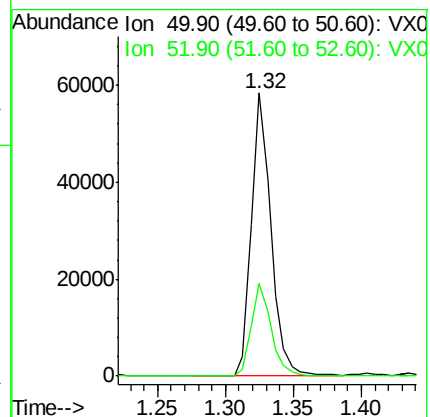
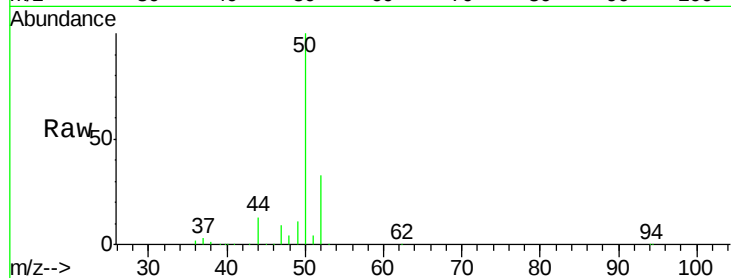
VSTDIC020

Tgt Ion: 50 Resp: 58950

Ion Ratio Lower Upper

50 100

52 32.7 25.7 38.5



#4

Vinyl Chloride

Concen: 20.876 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002595.D

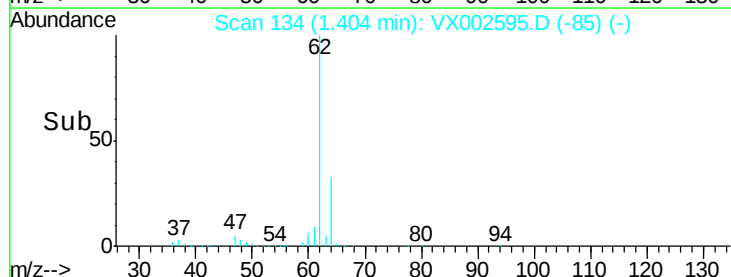
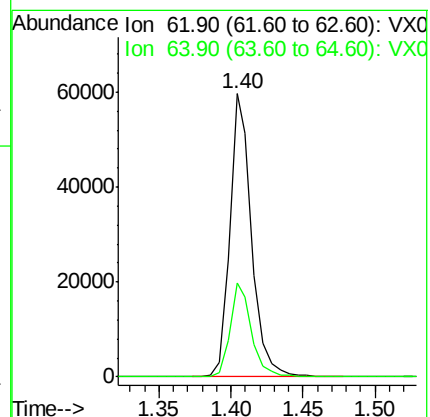
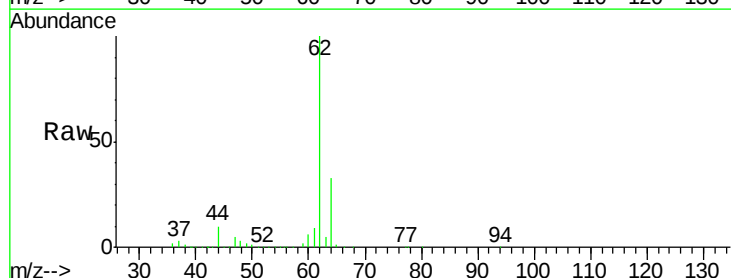
Acq: 15 Jun 2018 12:28

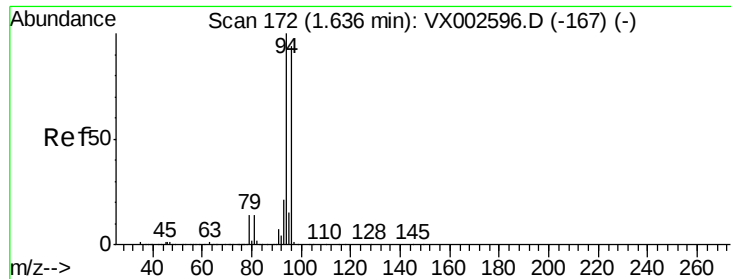
Tgt Ion: 62 Resp: 63586

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2





#5

Bromomethane

Concen: 14.528 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

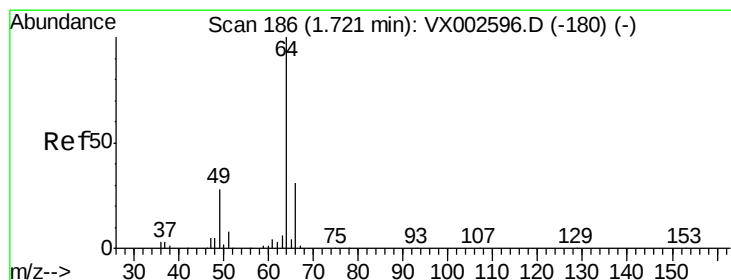
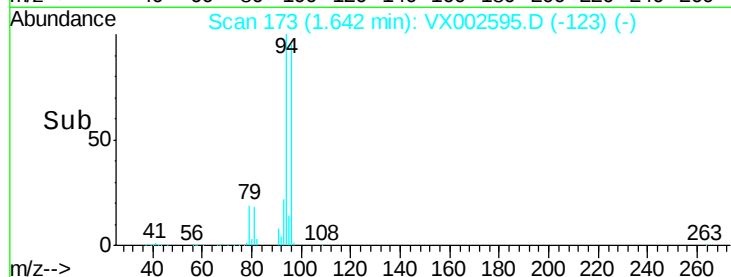
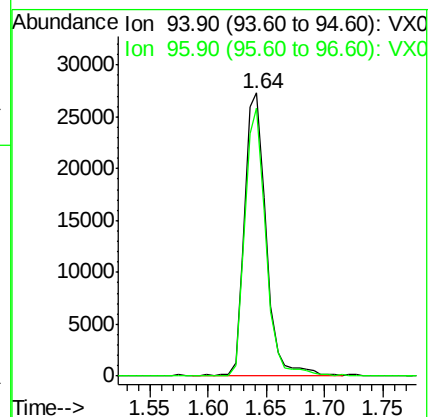
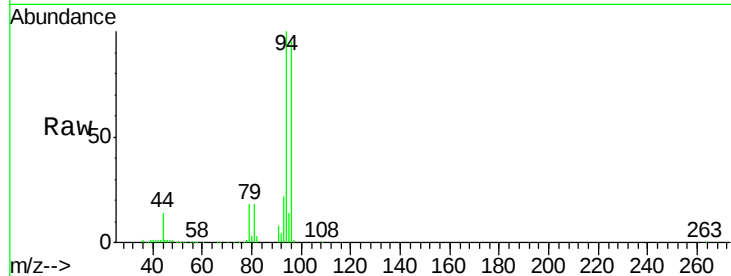
VSTDIC020

Tgt Ion: 94 Resp: 35171

Ion Ratio Lower Upper

94 100

96 94.8 74.9 112.3



#6

Chloroethane

Concen: 21.108 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002595.D

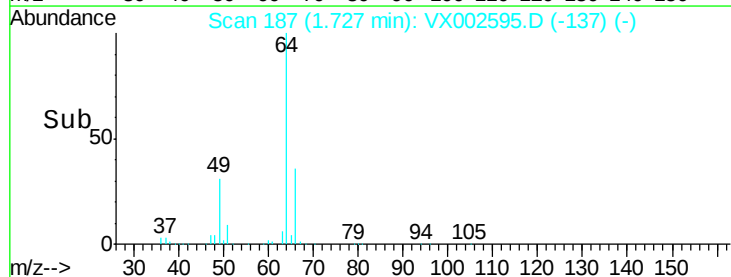
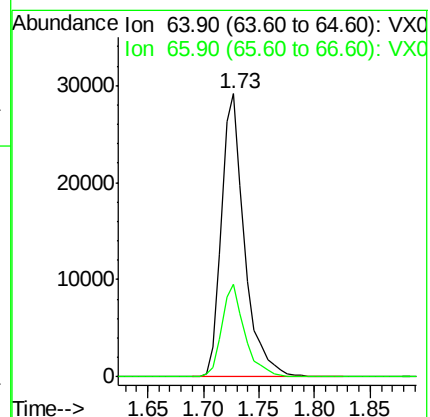
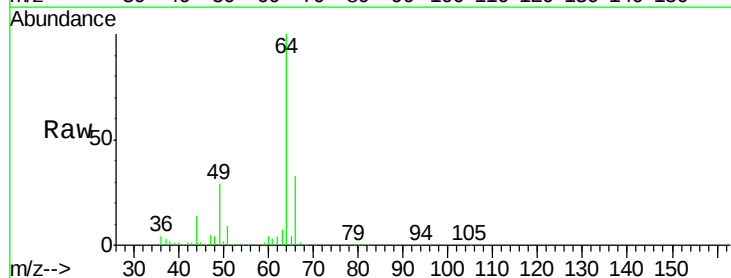
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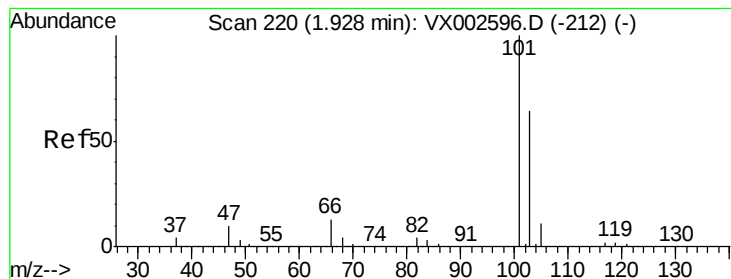
Tgt Ion: 64 Resp: 41587

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



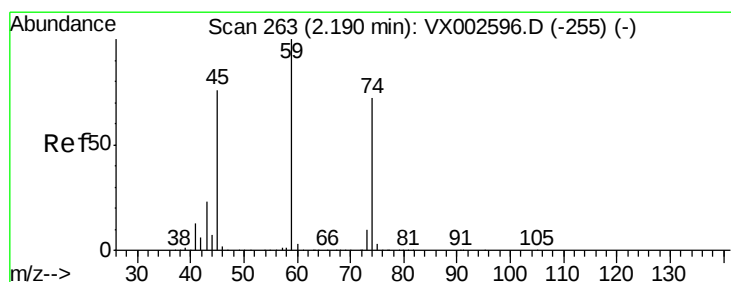
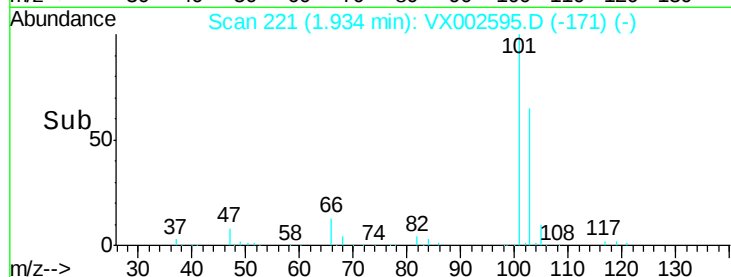
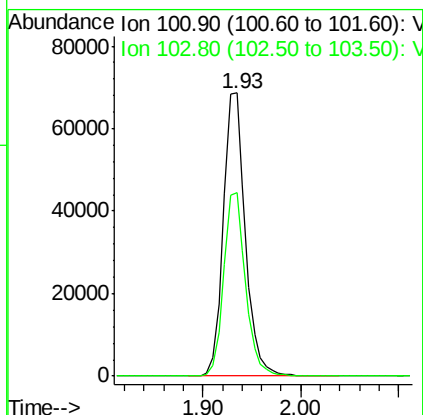
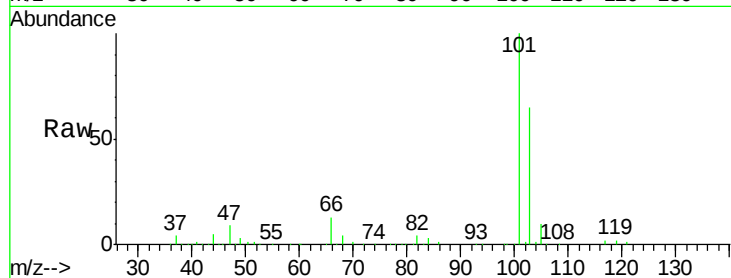


#7

Trichlorofluoromethane
 Concen: 23.052 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Instrument :
 MSVOA_X
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 VSTDIC020

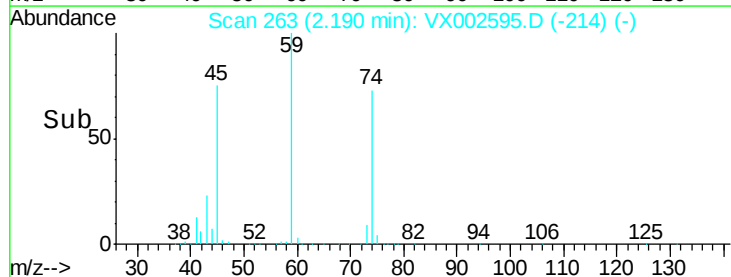
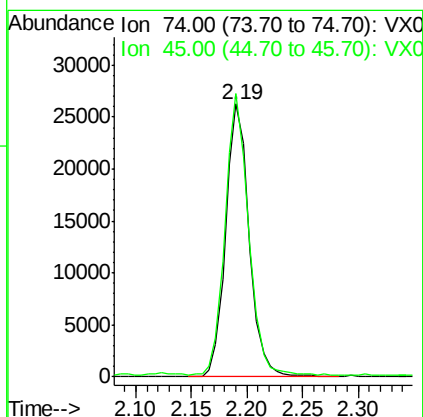
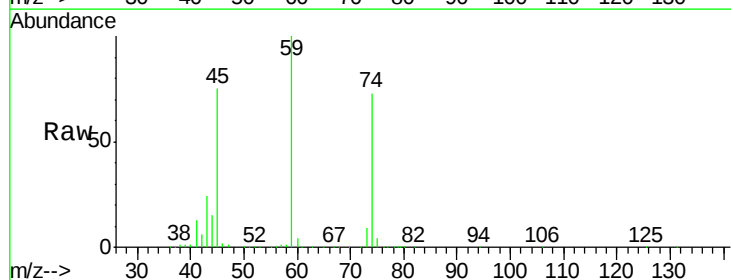
Tgt Ion:101 Resp: 106976
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2



#8

Diethyl Ether
 Concen: 20.385 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 74 Resp: 38534
 Ion Ratio Lower Upper
 74 100
 45 101.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.643 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

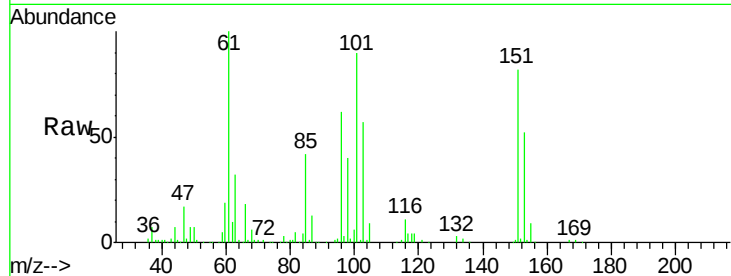
Tgt Ion:101 Resp: 59209

Ion Ratio Lower Upper

101 100

85 45.9 36.0 54.0

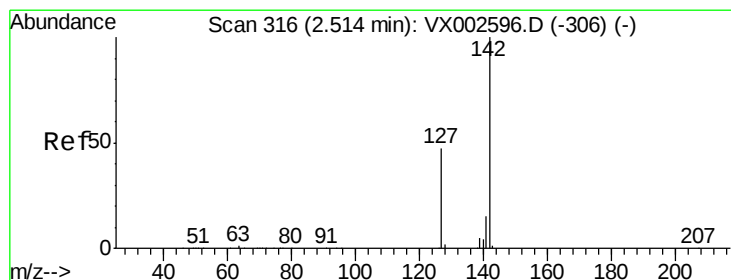
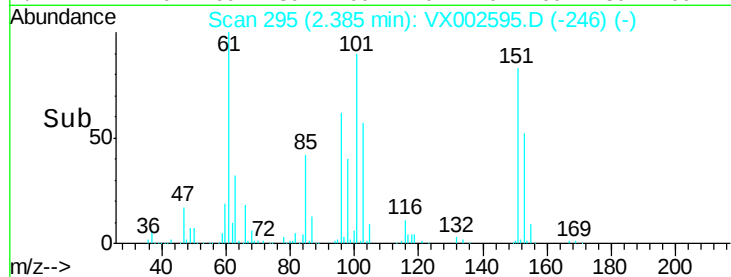
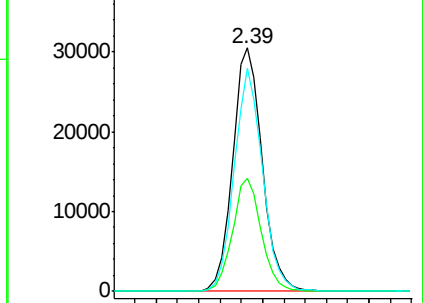
151 88.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.981 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

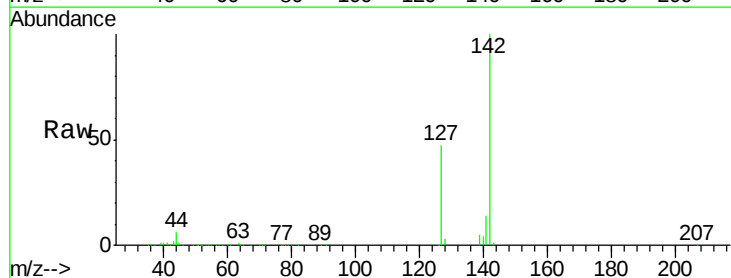
Tgt Ion:142 Resp: 63336

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

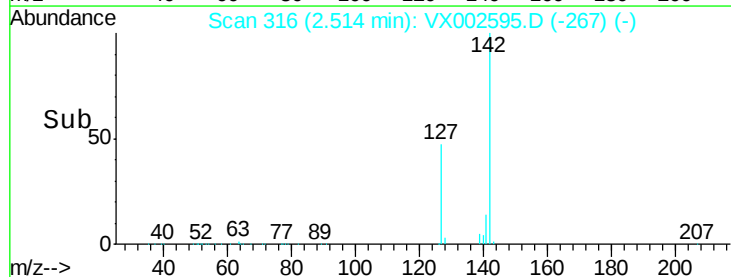
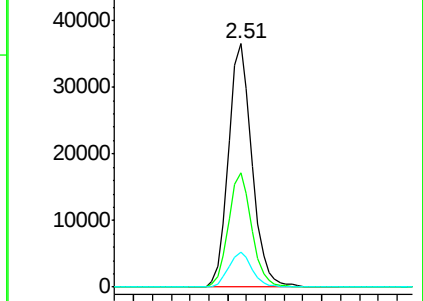
141 14.2 11.3 16.9

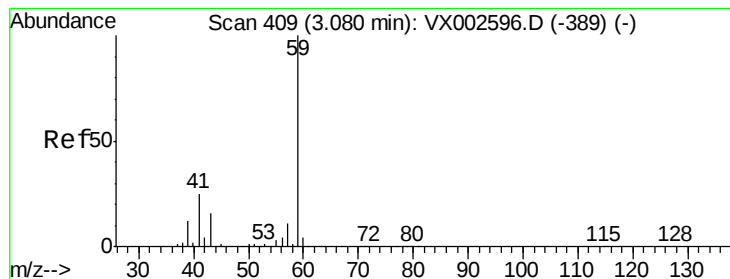


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



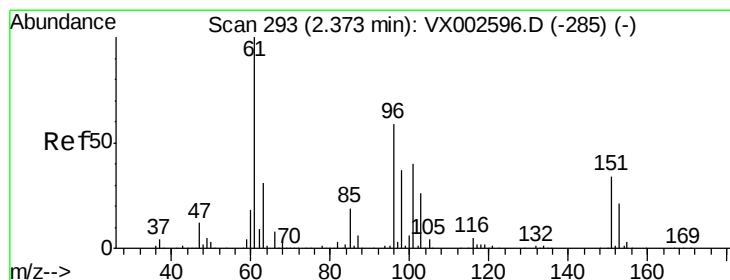
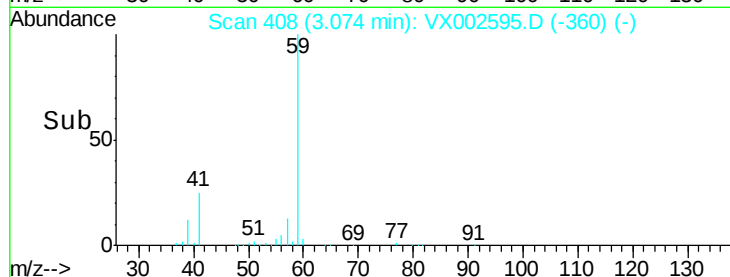
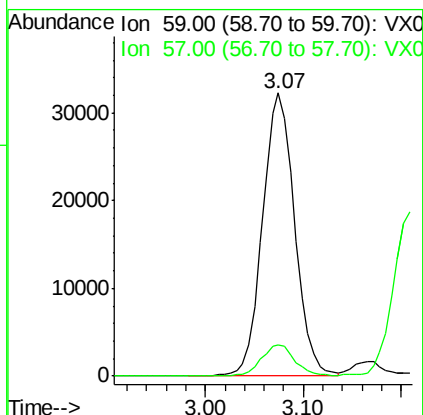
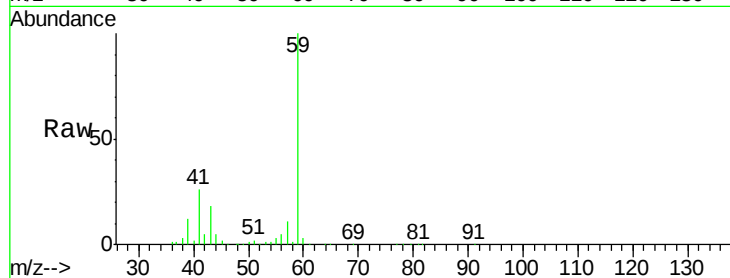


#11

Tert butyl alcohol
 Concen: 99.036 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

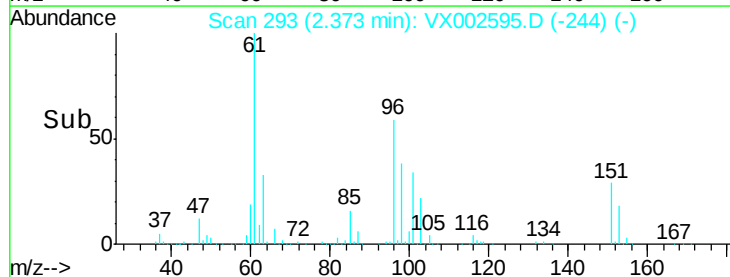
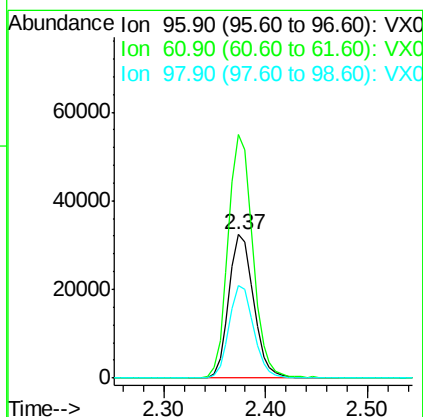
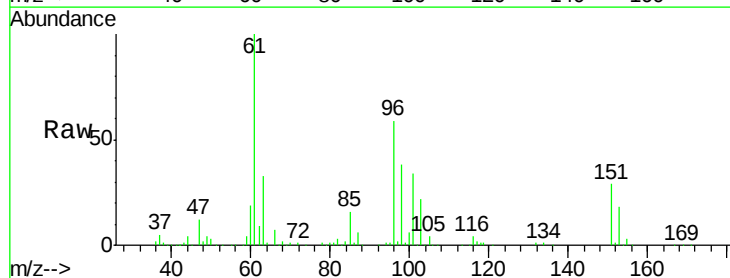
Tgt Ion: 59 Resp: 73780
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.2 12.2

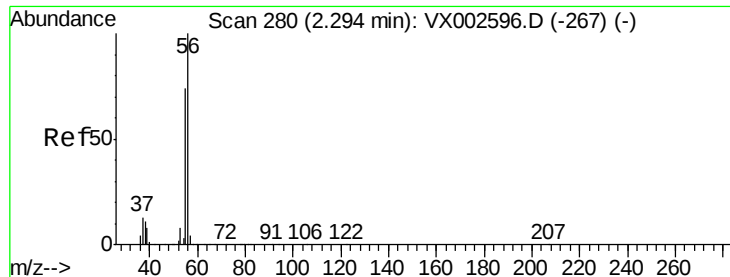


#12

1,1-Dichloroethene
 Concen: 21.990 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 96 Resp: 54424
 Ion Ratio Lower Upper
 96 100
 61 170.0 137.9 206.9
 98 64.3 51.6 77.4





#13

Acrolein

Concen: 95.328 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

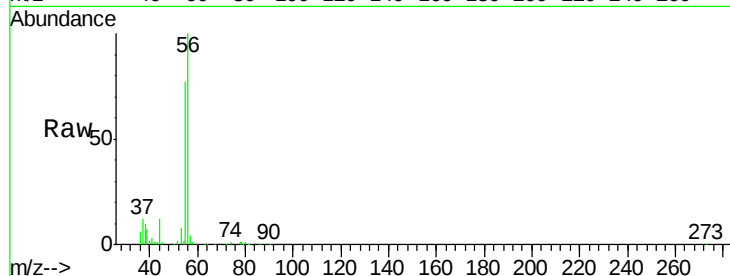
VSTDIC020

Tgt Ion: 56 Resp: 34208

Ion Ratio Lower Upper

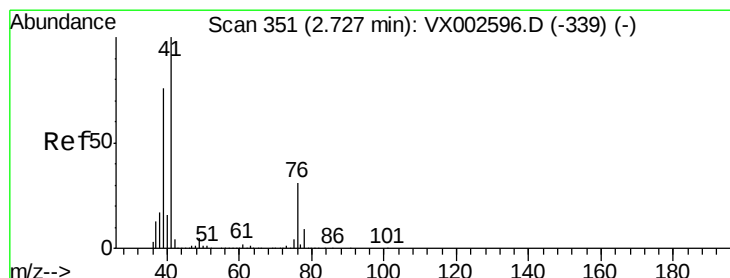
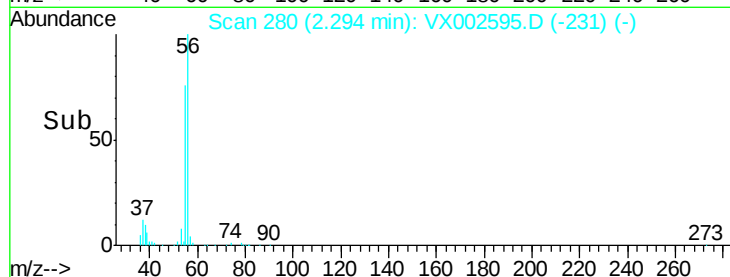
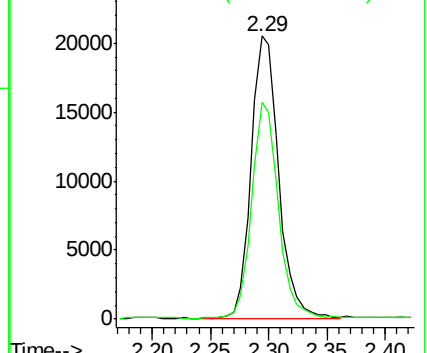
56 100

55 73.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.649 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

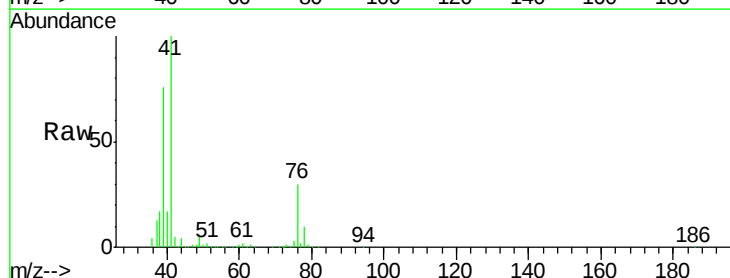
Tgt Ion: 41 Resp: 105535

Ion Ratio Lower Upper

41 100

39 72.4 56.8 85.2

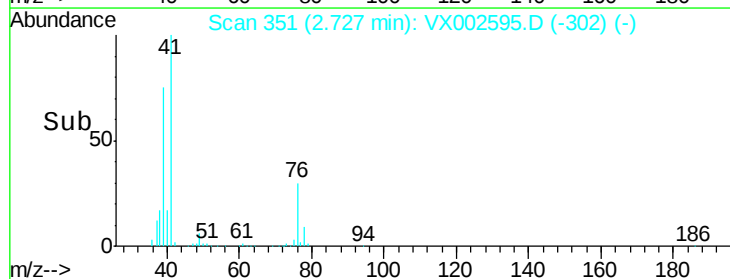
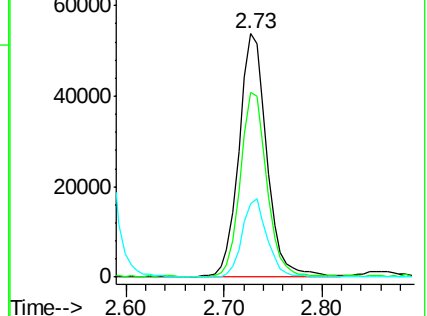
76 29.0 23.8 35.8

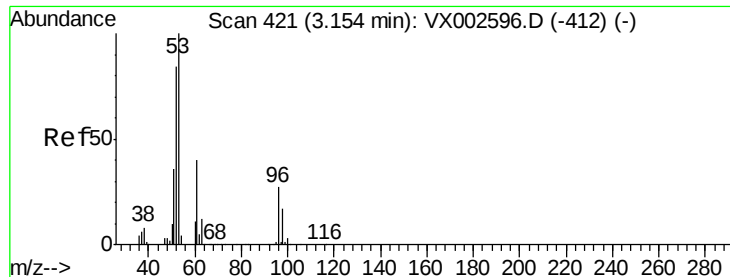


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.991 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

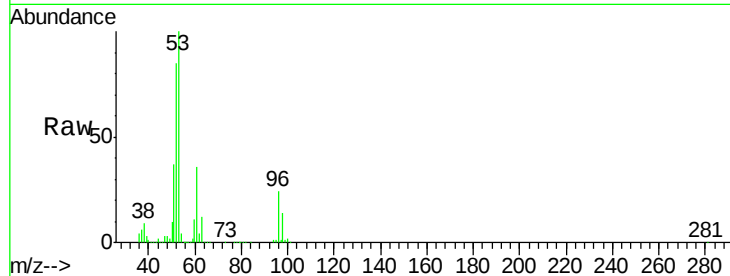
Tgt Ion: 53 Resp: 163310

Ion Ratio Lower Upper

53 100

52 83.8 66.7 100.1

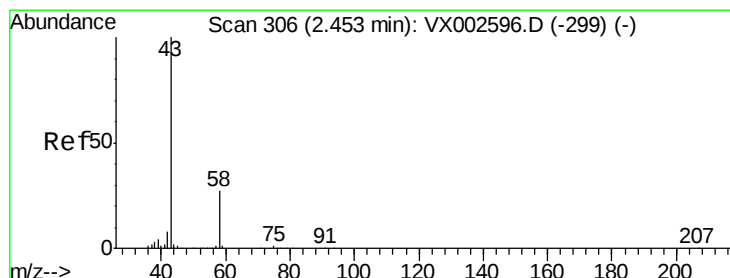
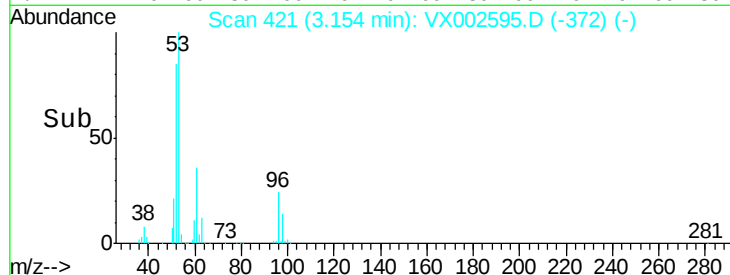
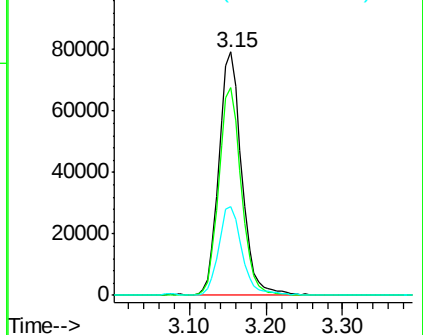
51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.039 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002595.D

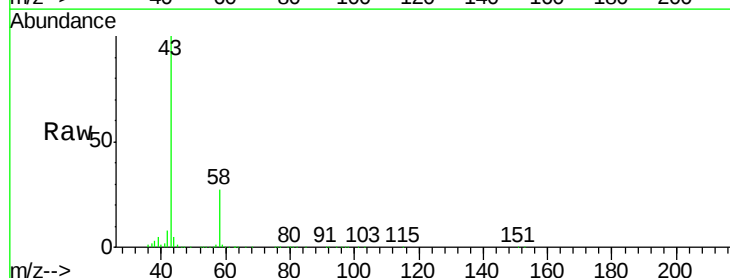
Acq: 15 Jun 2018 12:28

Tgt Ion: 43 Resp: 156334

Ion Ratio Lower Upper

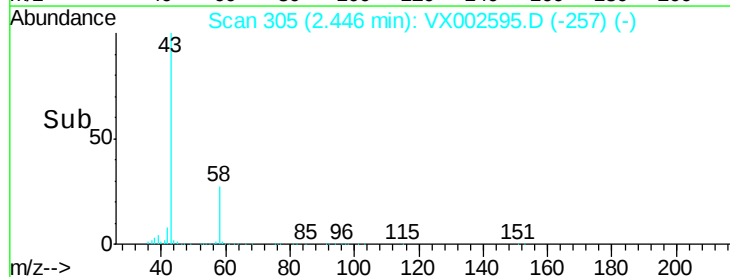
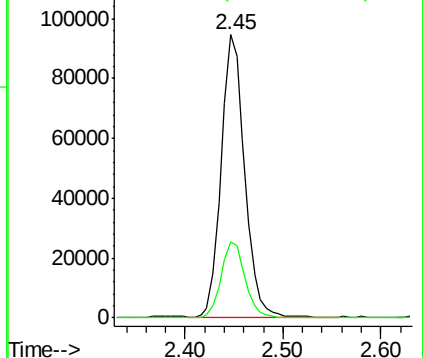
43 100

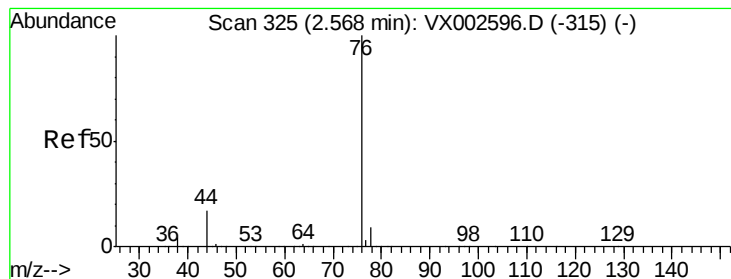
58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.733 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

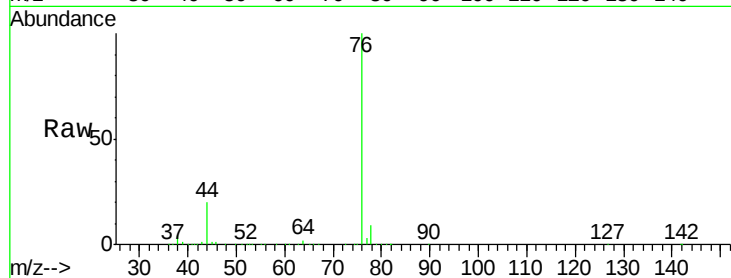
VSTDIC020

Tgt Ion: 76 Resp: 122193

Ion Ratio Lower Upper

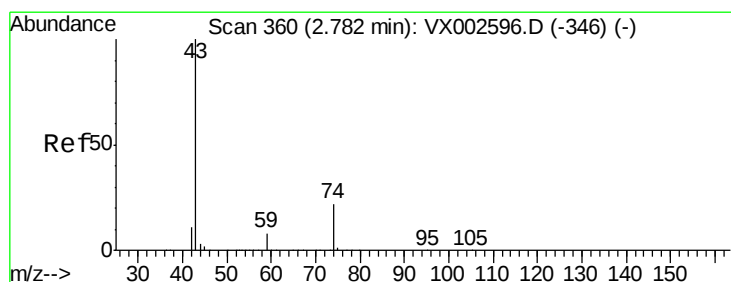
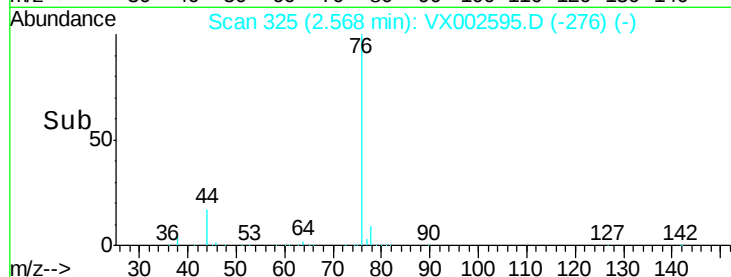
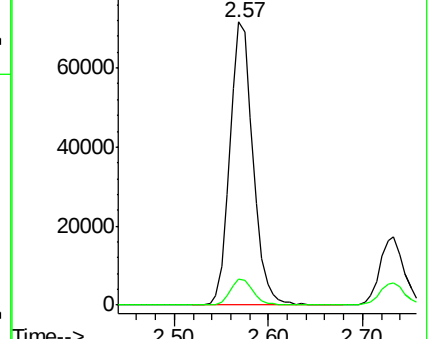
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.796 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002595.D

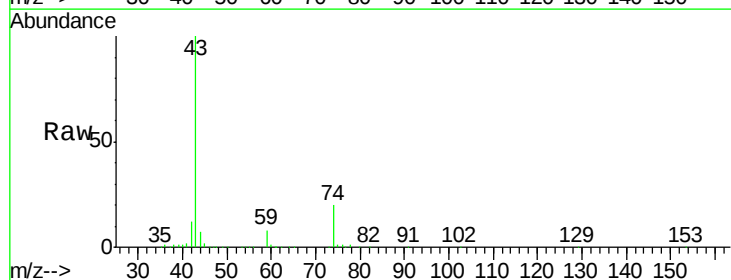
Acq: 15 Jun 2018 12:28

Tgt Ion: 43 Resp: 85488

Ion Ratio Lower Upper

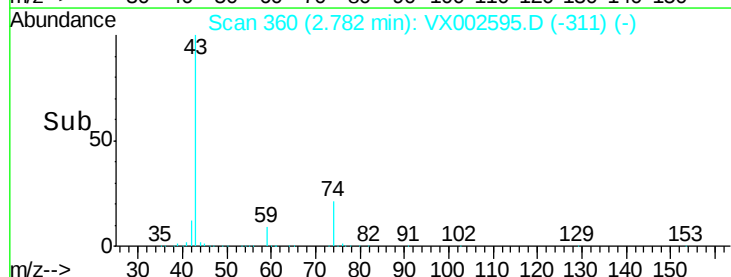
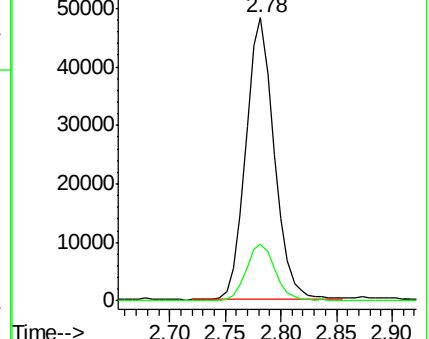
43 100

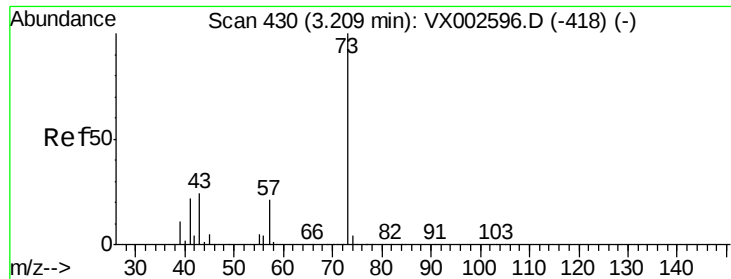
74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

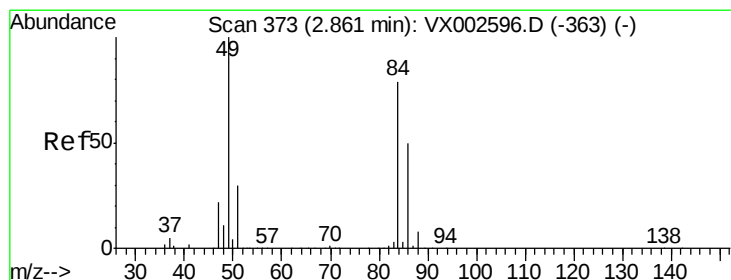
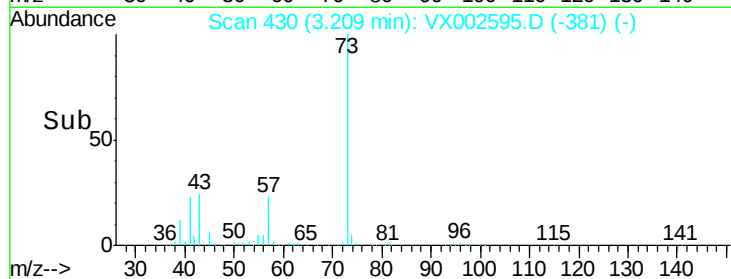
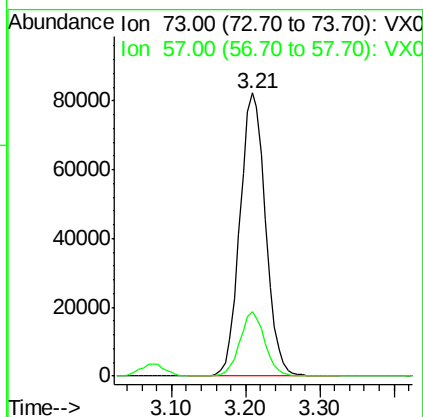
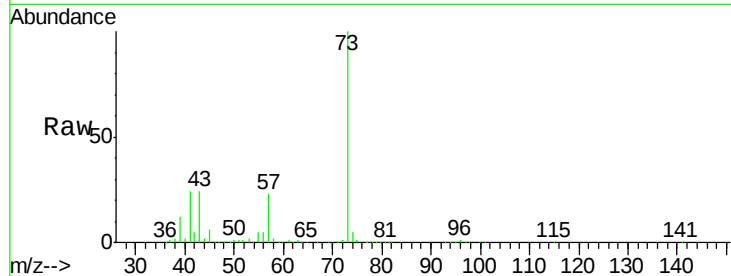




#19
Methyl tert-butyl Ether
Concen: 20.278 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

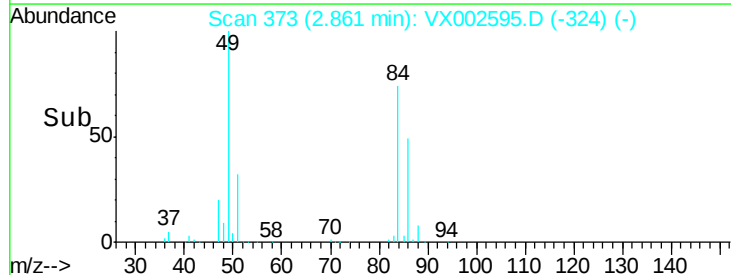
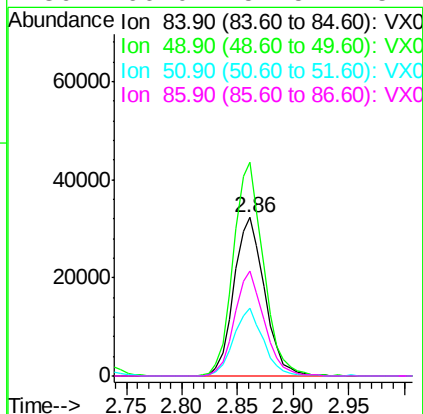
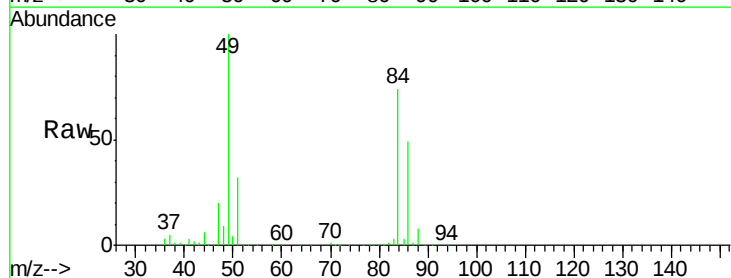
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

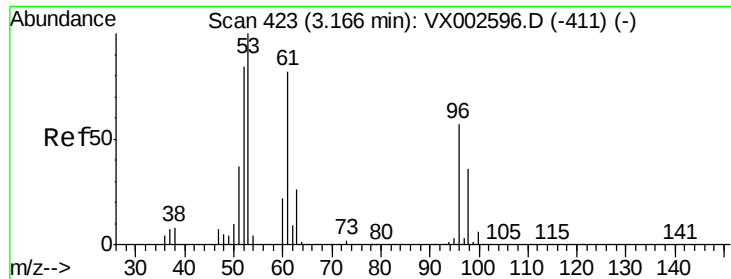
Tgt Ion: 73 Resp: 198798
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 18.707 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 84 Resp: 61795
Ion Ratio Lower Upper
84 100
49 135.1 107.8 161.6
51 42.3 32.8 49.2
86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.096 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

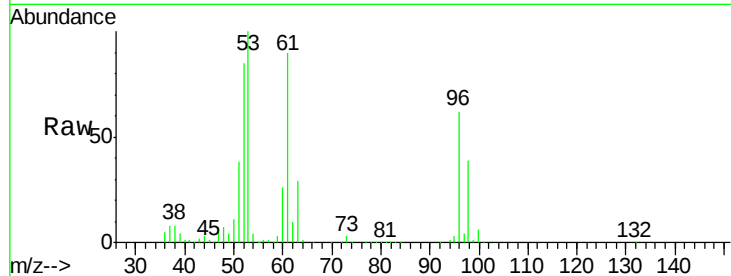
Tgt Ion: 96 Resp: 57577

Ion Ratio Lower Upper

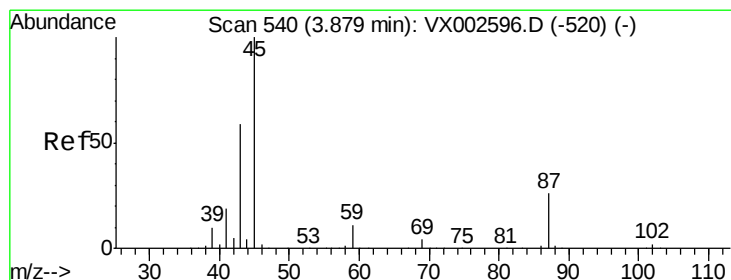
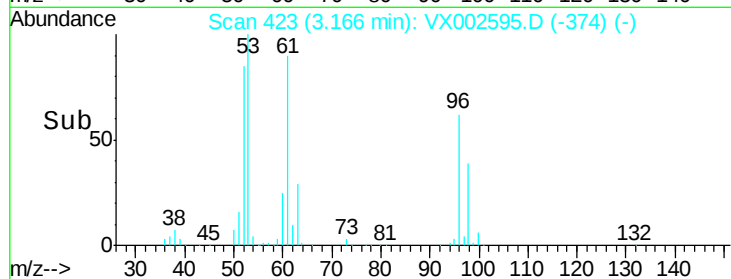
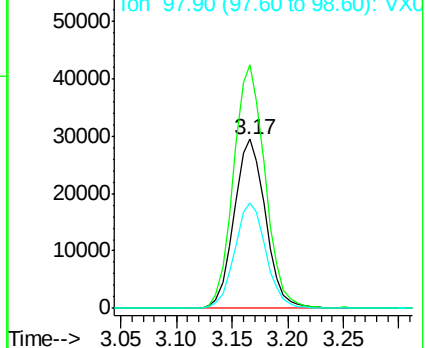
96 100

61 143.8 117.0 175.4

98 62.4 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: 18.245 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Tgt Ion: 45 Resp: 182840

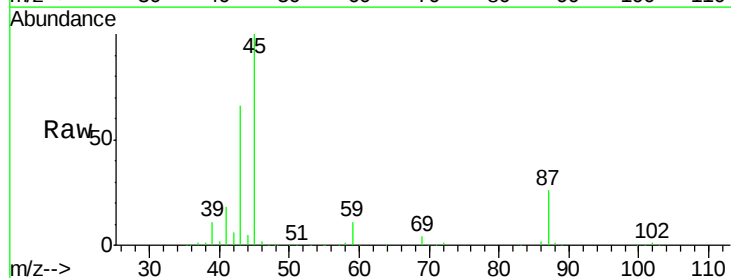
Ion Ratio Lower Upper

45 100

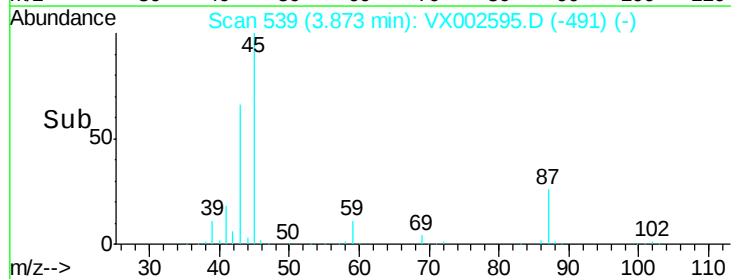
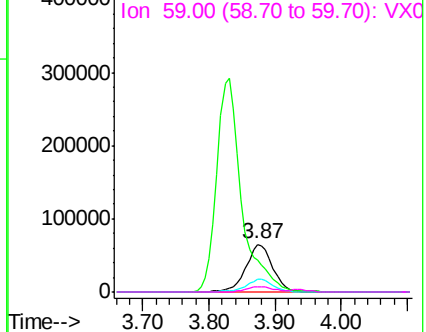
43 66.0 46.8 70.2

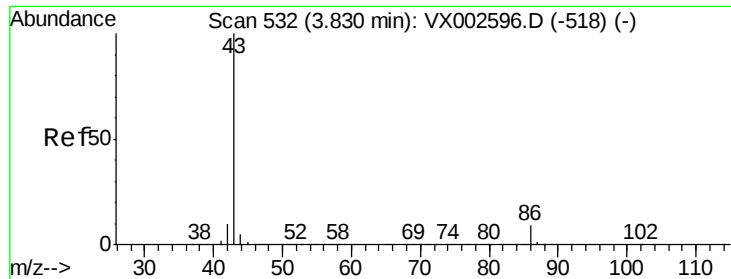
87 25.8 20.2 30.4

59 10.8 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: 87.972 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

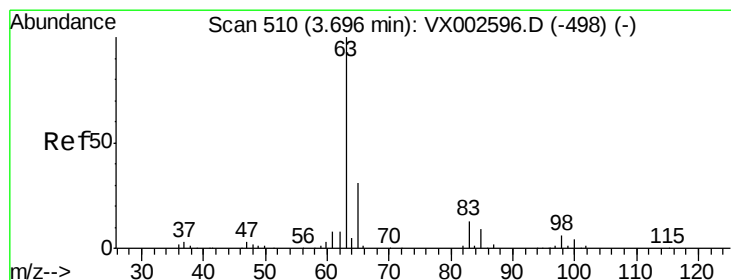
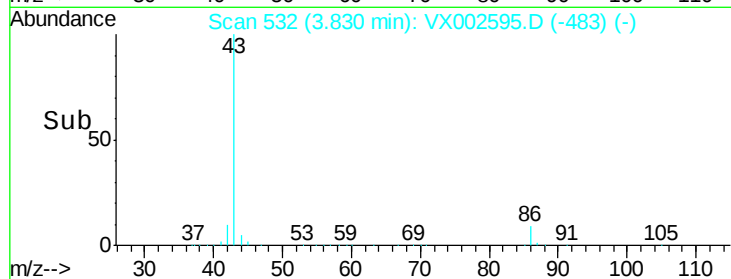
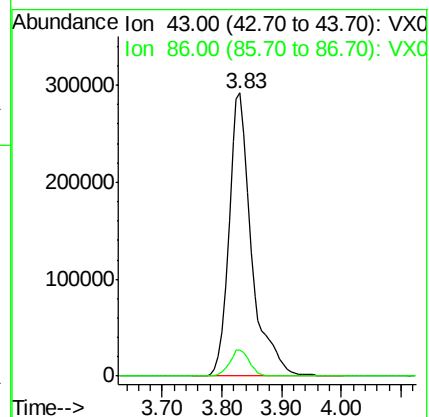
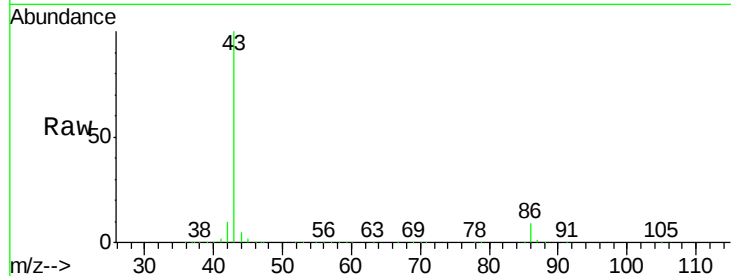
VSTDIC020

Tgt Ion: 43 Resp: 765967

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.818 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

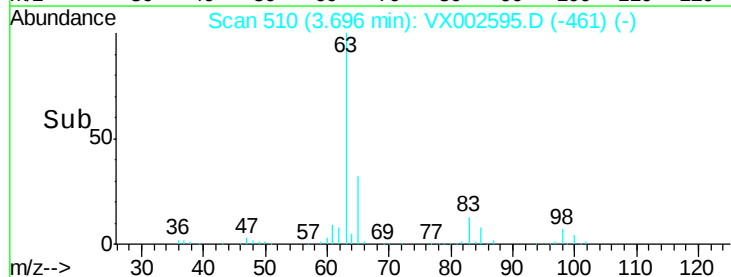
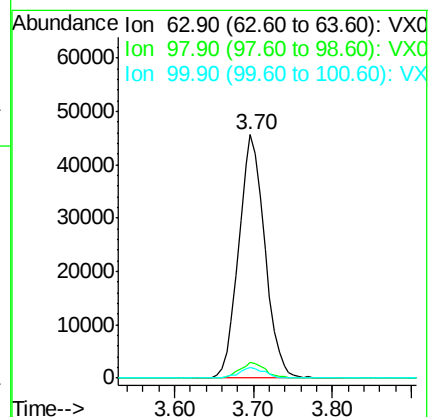
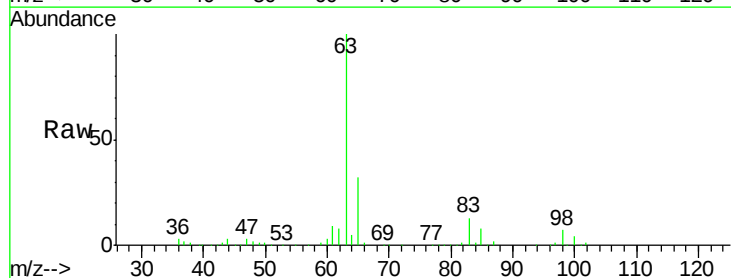
Tgt Ion: 63 Resp: 105205

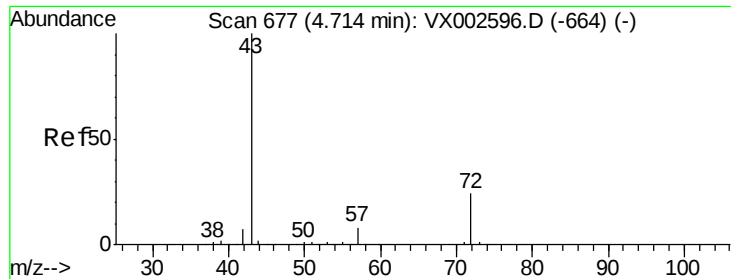
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 91.546 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

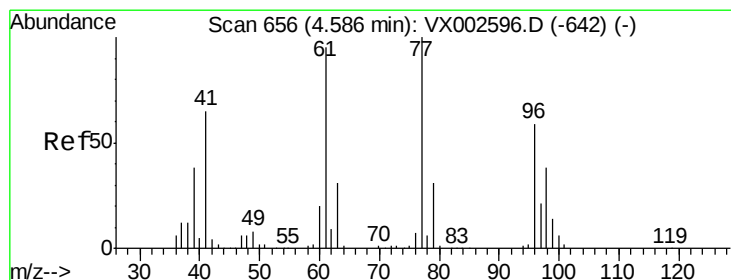
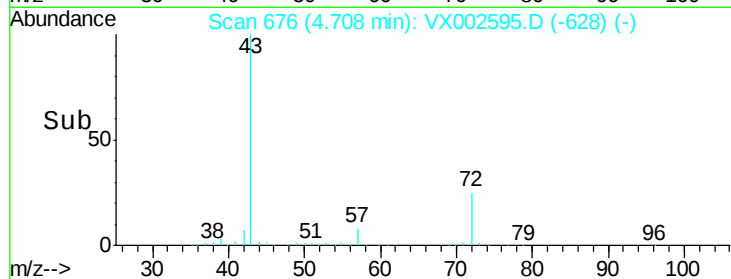
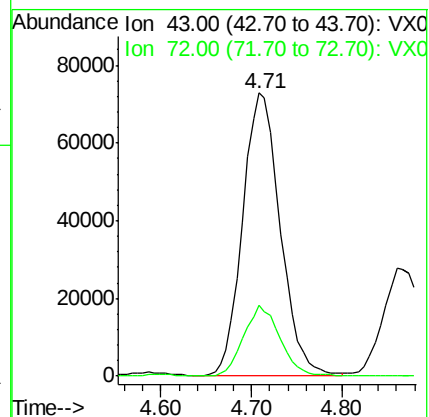
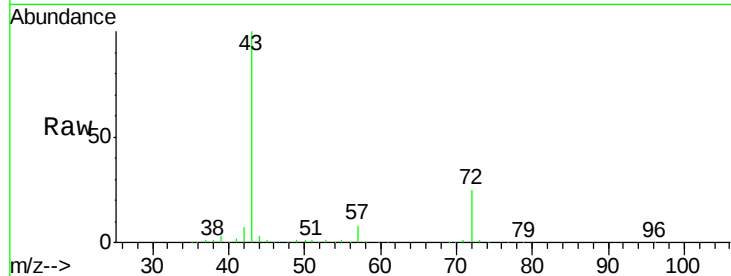
VSTDIC020

Tgt Ion: 43 Resp: 208678

Ion Ratio Lower Upper

43 100

72 24.9 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.260 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002595.D

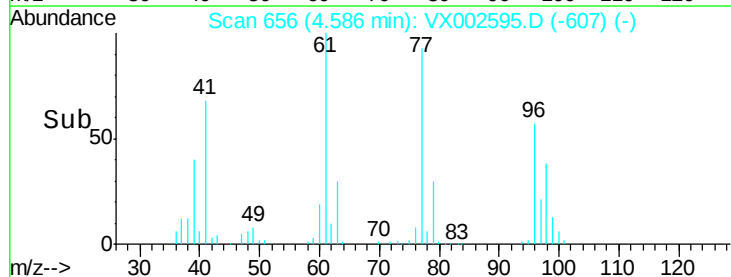
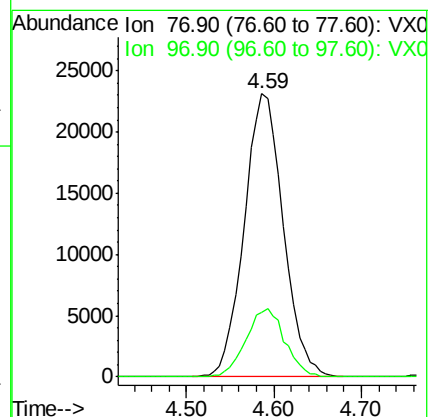
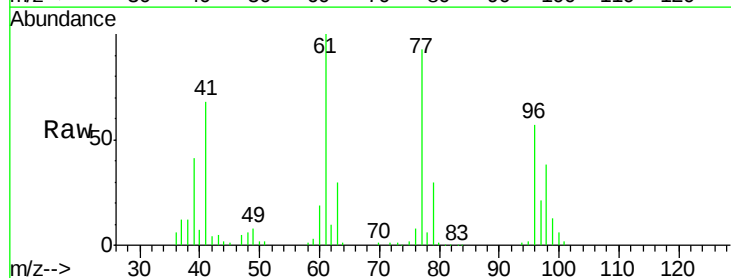
Acq: 15 Jun 2018 12:28

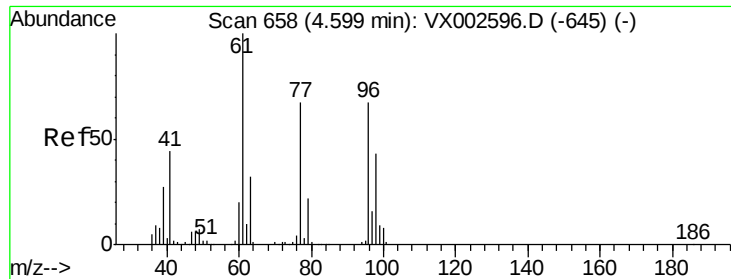
Tgt Ion: 77 Resp: 71623

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.5

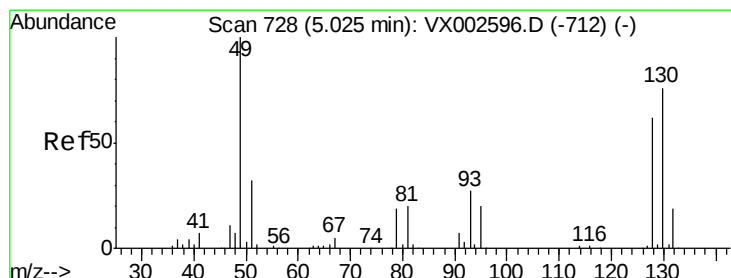
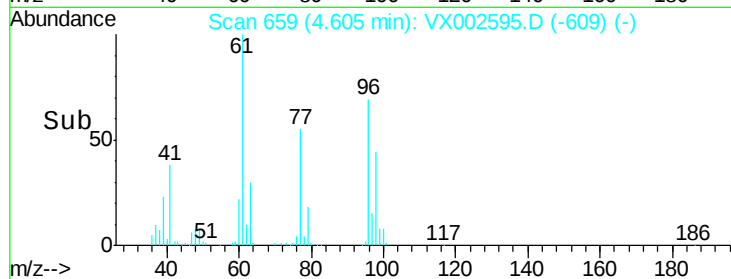
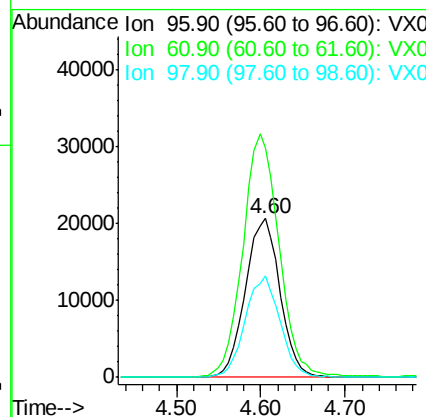
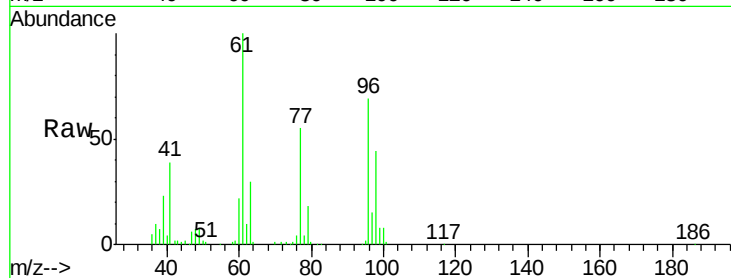




#27
 cis-1,2-Dichloroethene
 Concen: 19.401 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

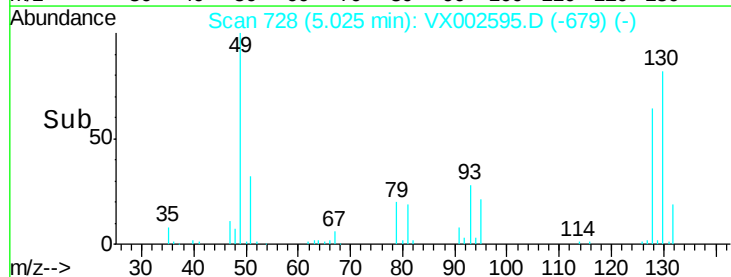
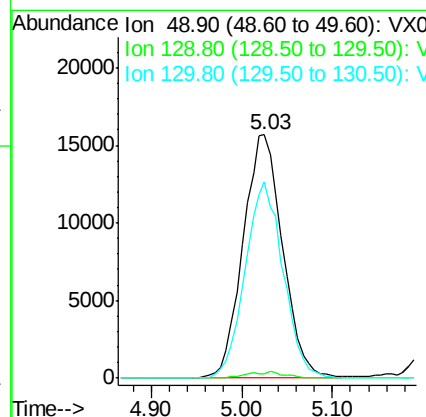
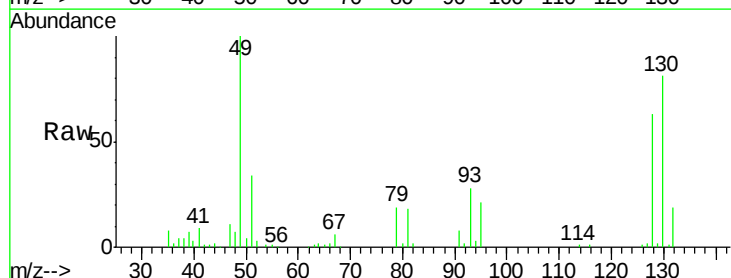
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

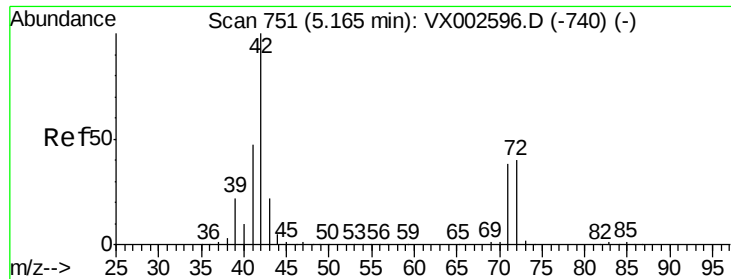
Tgt Ion: 96 Resp: 57586
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 330.2
 98 64.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 18.436 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 49 Resp: 47391
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 77.1 61.2 91.8

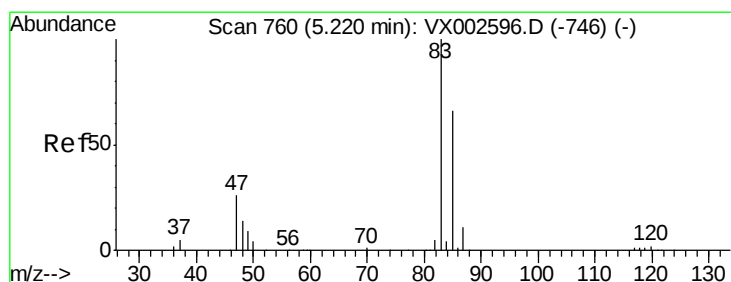
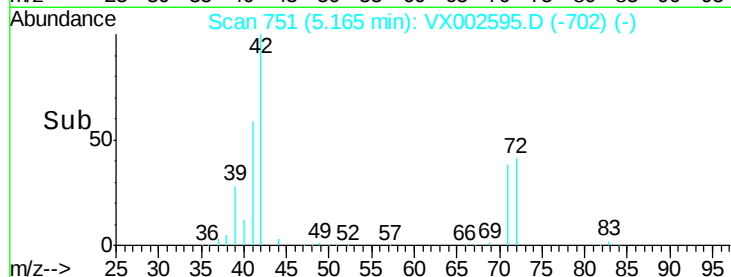
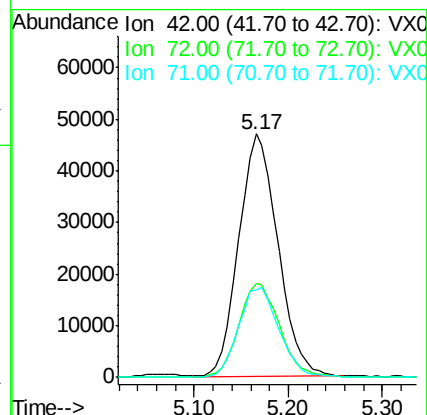
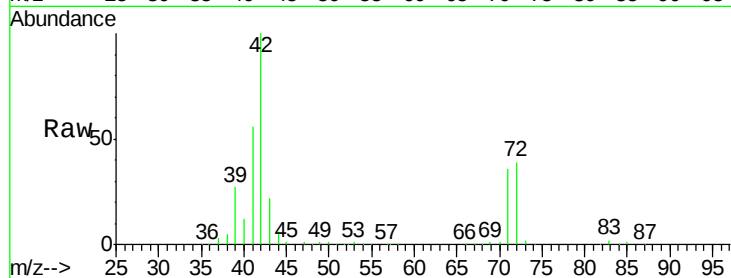




#29
Tetrahydrofuran
Concen: 92.426 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

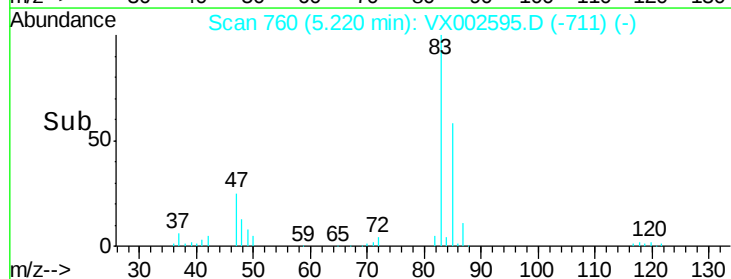
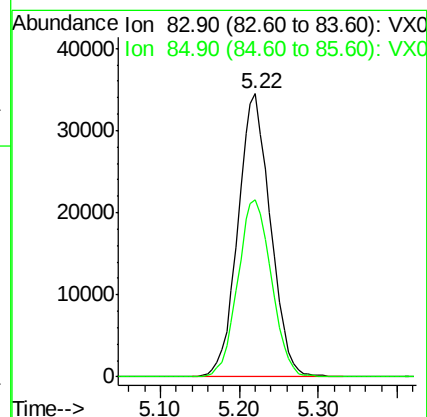
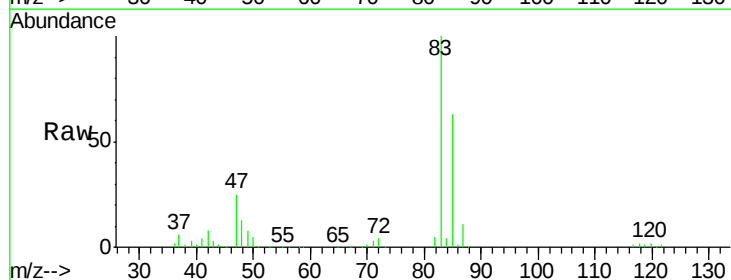
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

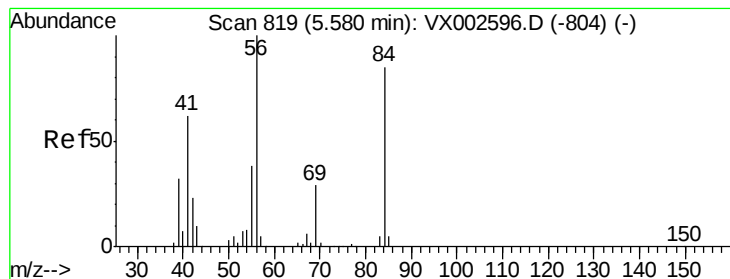
Tgt Ion: 42 Resp: 135835
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 38.5 30.1 45.1



#30
Chloroform
Concen: 19.295 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 83 Resp: 98835
Ion Ratio Lower Upper
83 100
85 62.5 50.4 75.6





#31

Cyclohexane

Concen: 21.039 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

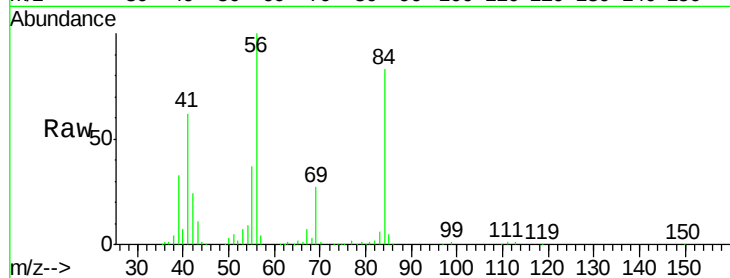
Tgt Ion: 56 Resp: 88313

Ion Ratio Lower Upper

56 100

69 26.8 23.7 35.5

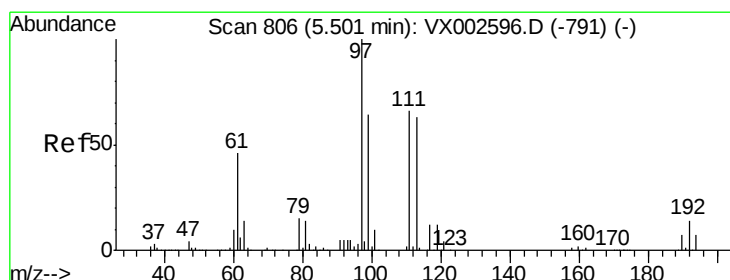
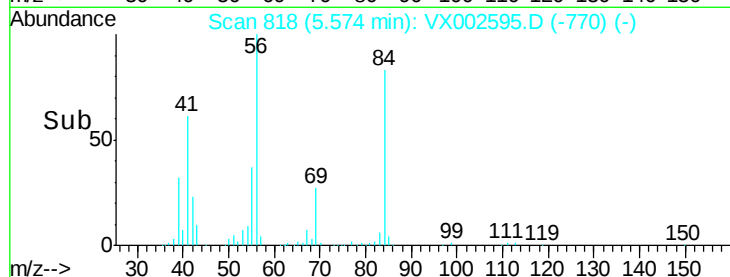
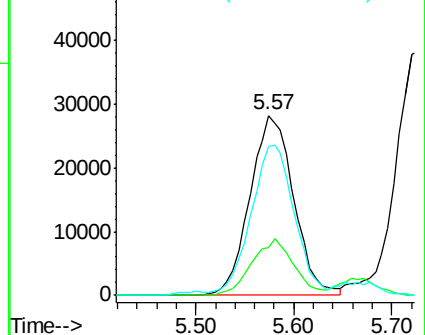
84 80.9 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.441 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

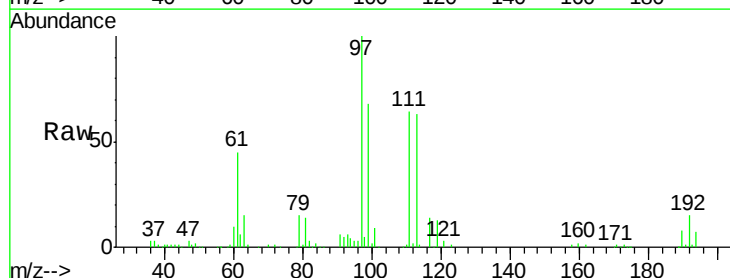
Tgt Ion: 97 Resp: 84458

Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

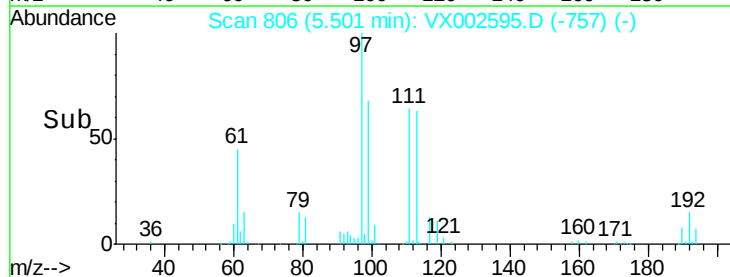
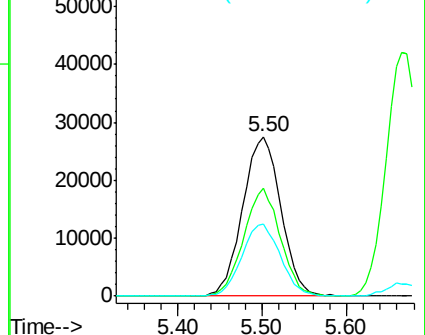
61 45.6 36.4 54.6

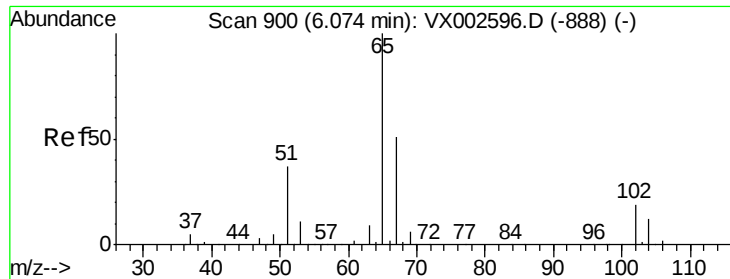


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 18.865 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

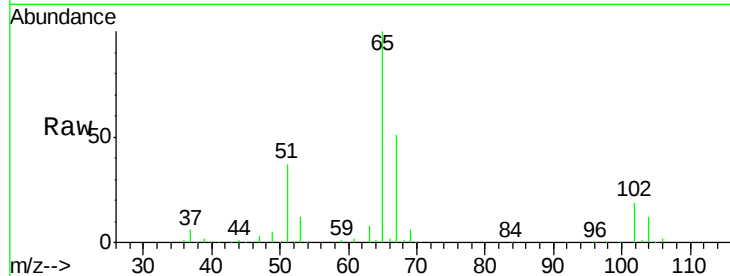
VSTDIC020

Tgt Ion: 65 Resp: 68219

Ion Ratio Lower Upper

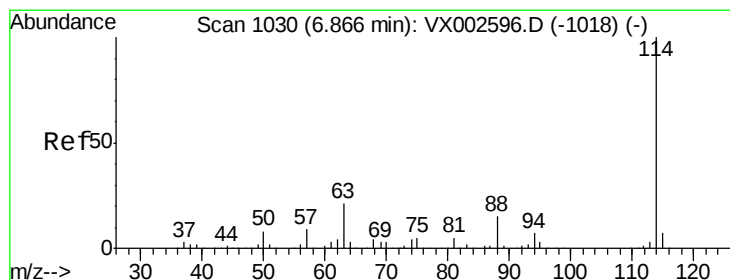
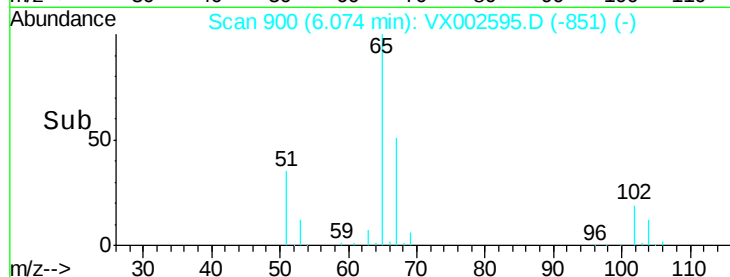
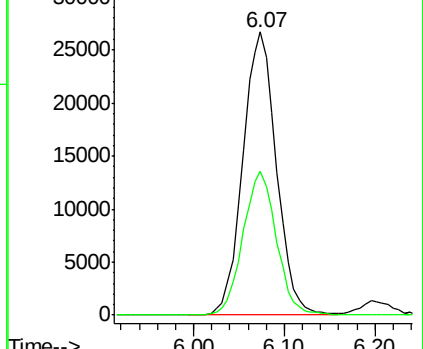
65 100

67 50.6 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: VX002595.D

Acq: 15 Jun 2018 12:28

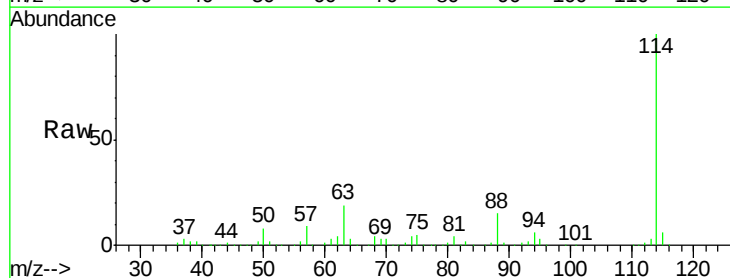
Tgt Ion: 114 Resp: 339671

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

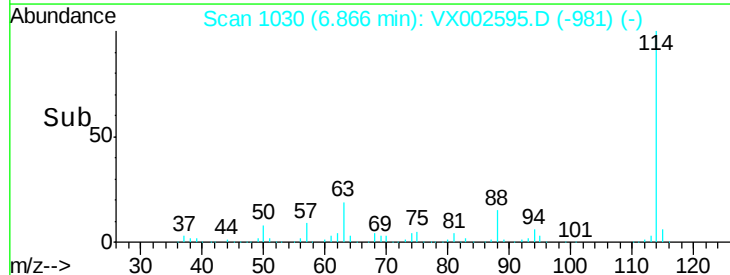
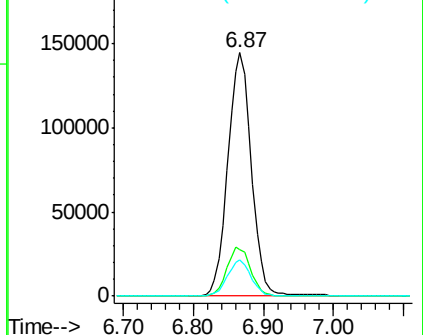
88 15.0 0.0 30.0

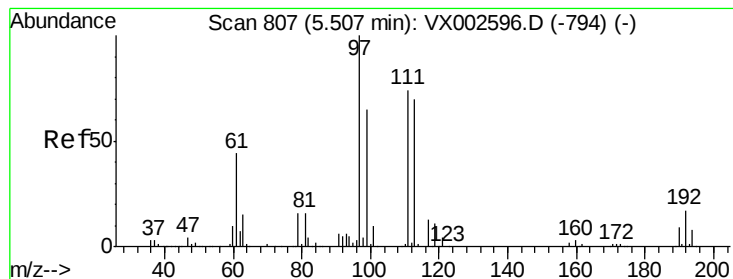


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 19.551 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

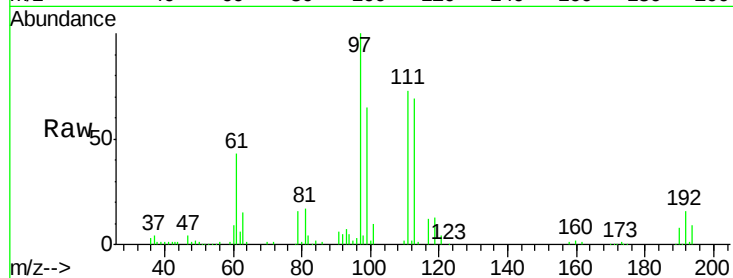
Tgt Ion:113 Resp: 52224

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.0

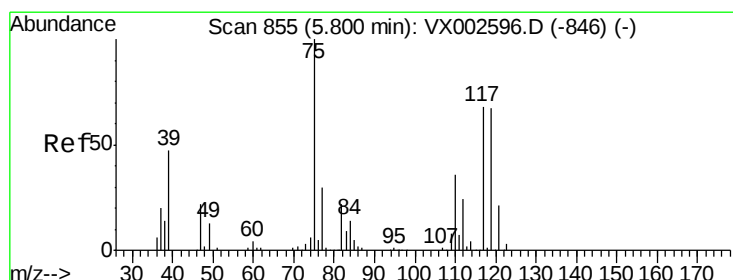
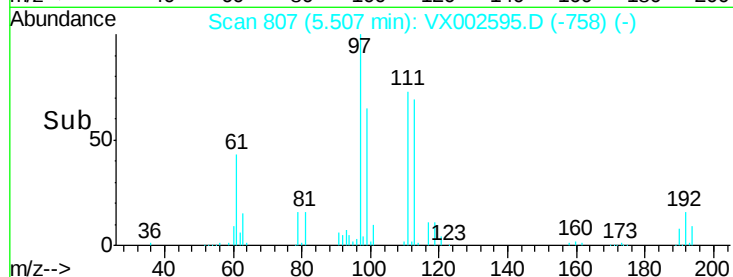
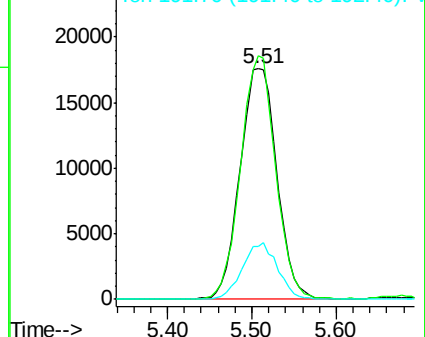
192 23.2 19.1 28.7



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: 20.346 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

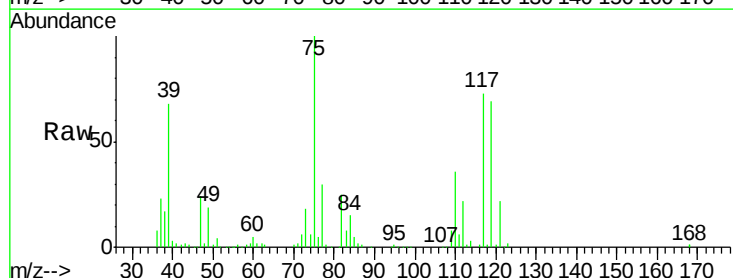
Tgt Ion: 75 Resp: 72653

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.4

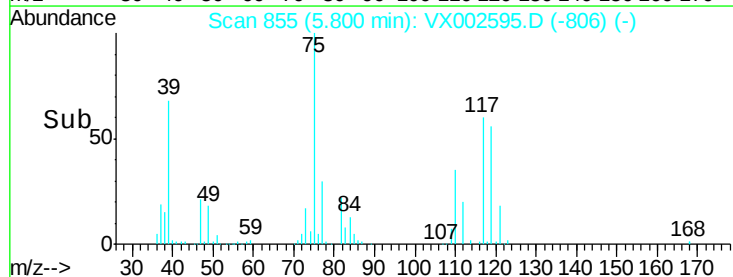
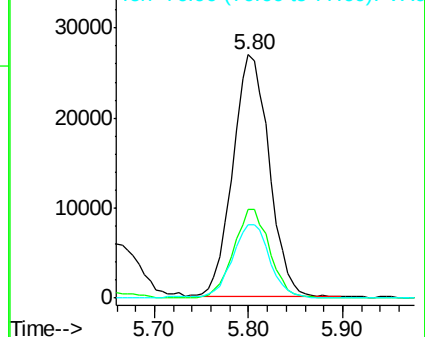
77 31.8 24.3 36.5

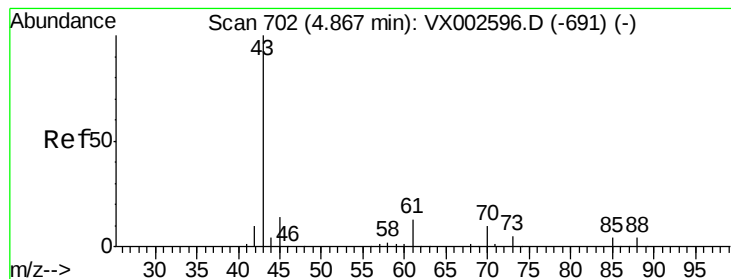


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.258 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

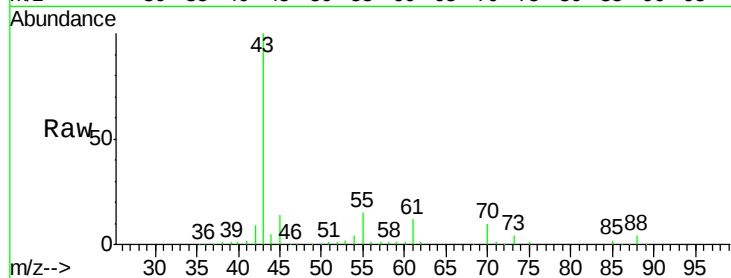
Tgt Ion: 43 Resp: 82700

Ion Ratio Lower Upper

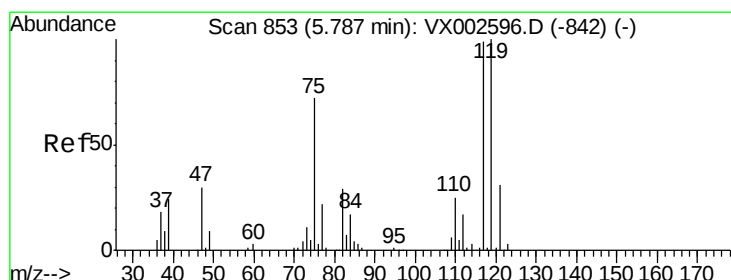
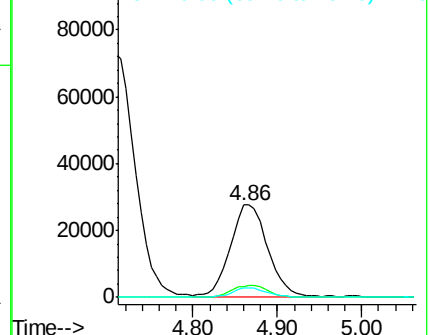
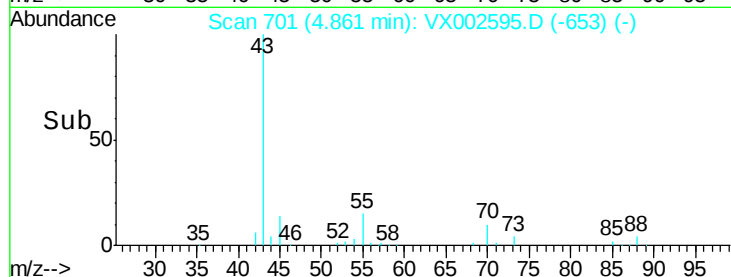
43 100

61 13.2 10.4 15.6

70 9.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002595.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 19.405 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

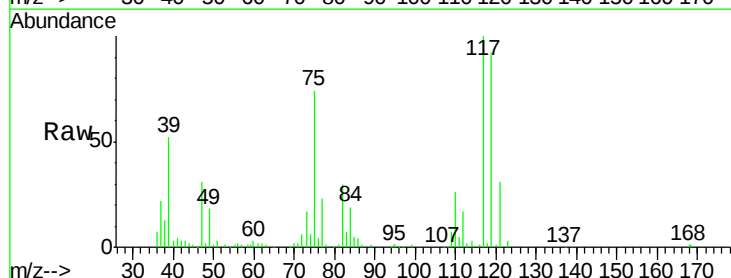
Tgt Ion: 117 Resp: 72491

Ion Ratio Lower Upper

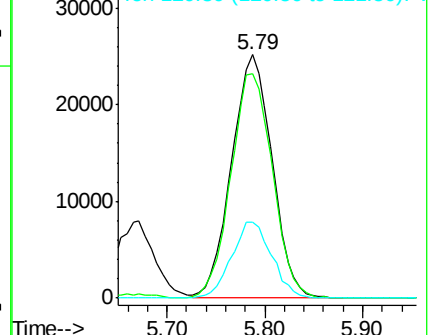
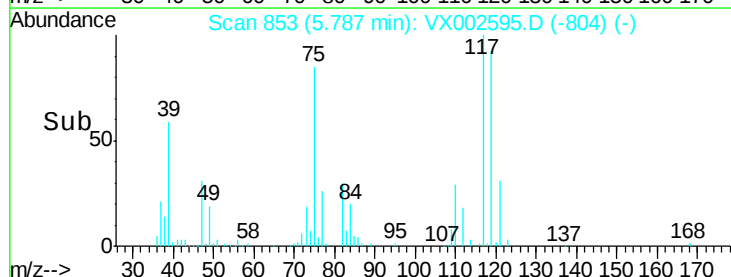
117 100

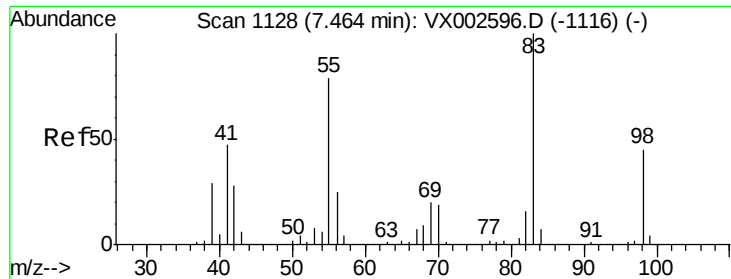
119 92.2 77.4 116.0

121 31.0 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002595.D (-804) (-)

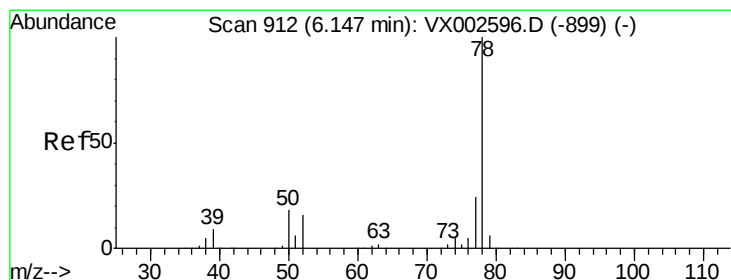
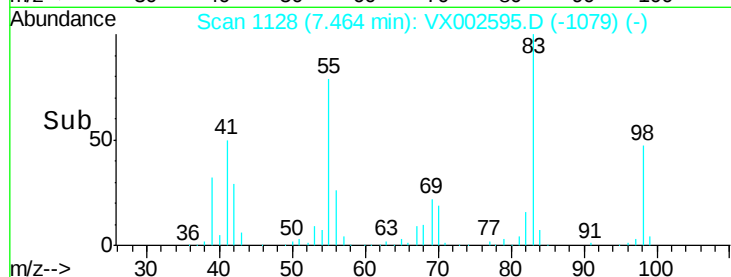
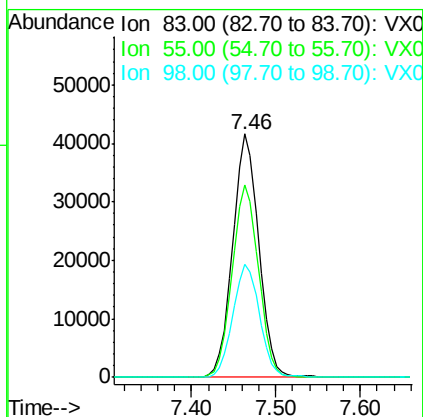
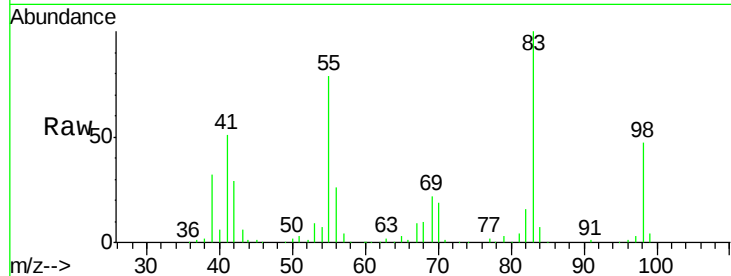




#39
Methylcyclohexane
Concen: 21.424 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

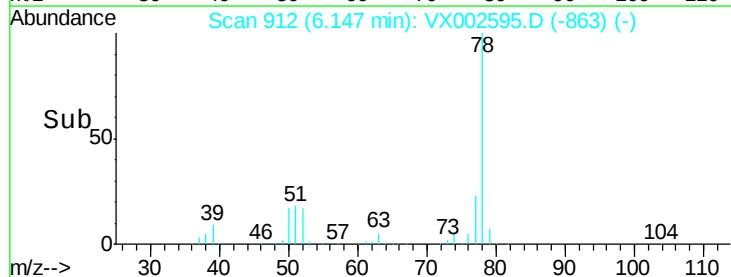
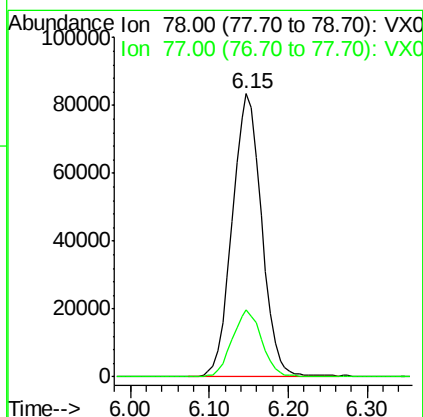
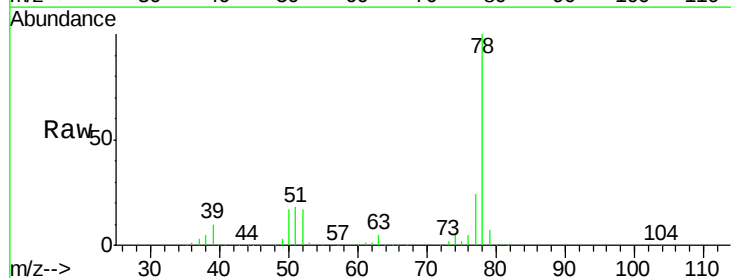
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

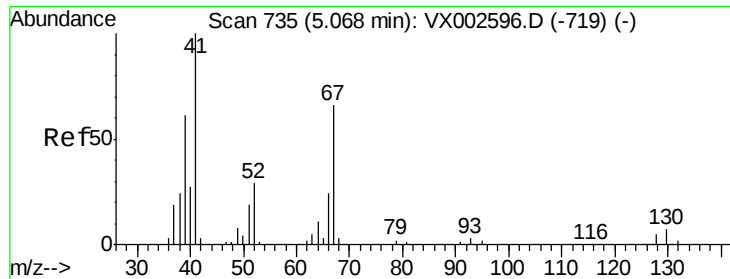
Tgt Ion: 83 Resp: 87194
Ion Ratio Lower Upper
83 100
55 79.2 65.4 98.0
98 46.7 37.4 56.0



#40
Benzene
Concen: 19.842 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 78 Resp: 217247
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

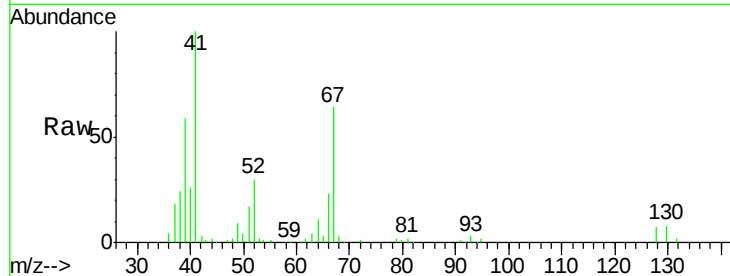




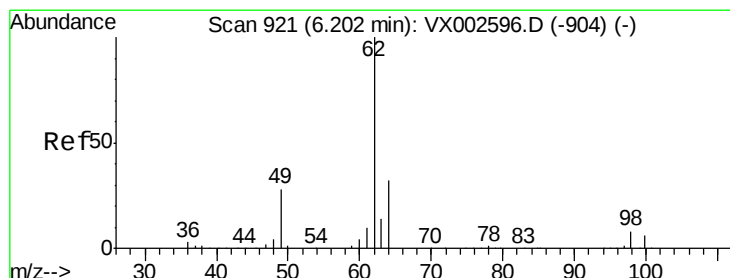
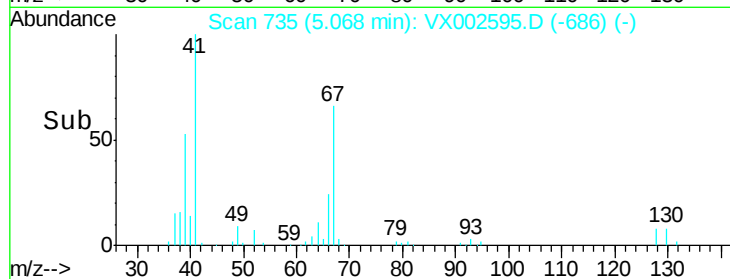
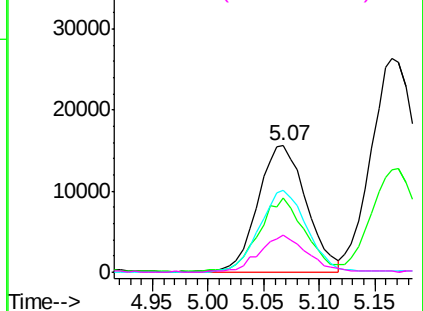
#41
Methacrylonitrile
Concen: 19.278 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	47392
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.6
67	63.3	51.3	76.9
52	29.1	23.0	34.6

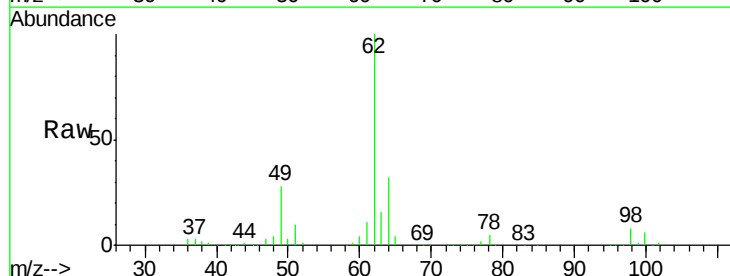


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

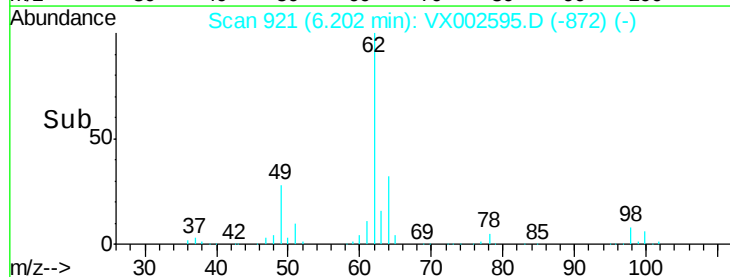
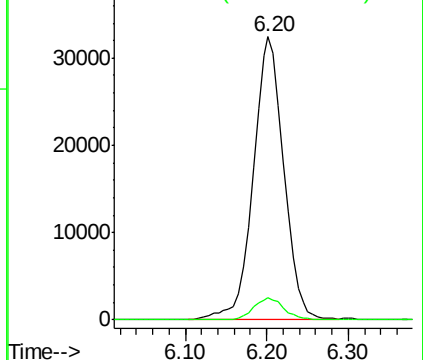


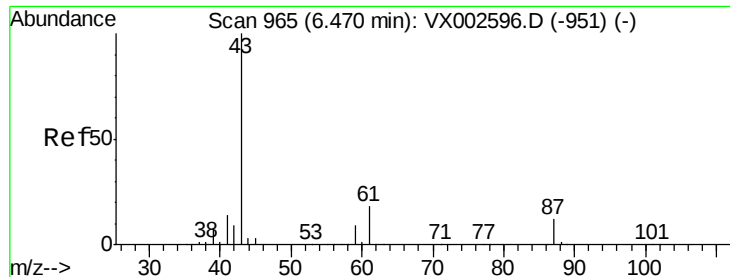
#42
1,2-Dichloroethane
Concen: 19.467 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion:	62	Resp:	84682
Ion	Ratio	Lower	Upper
62	100		
98	7.8	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: 18.498 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

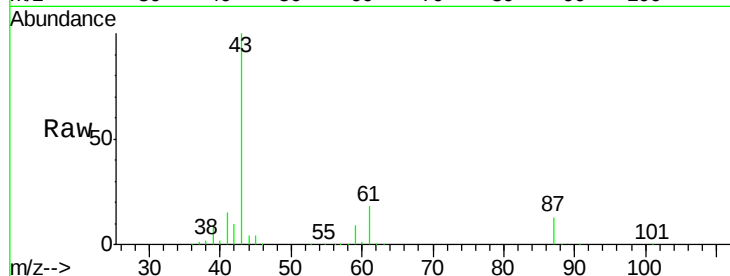
Tgt Ion: 43 Resp: 134928

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

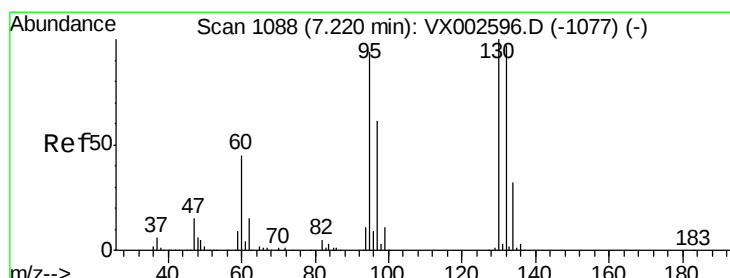
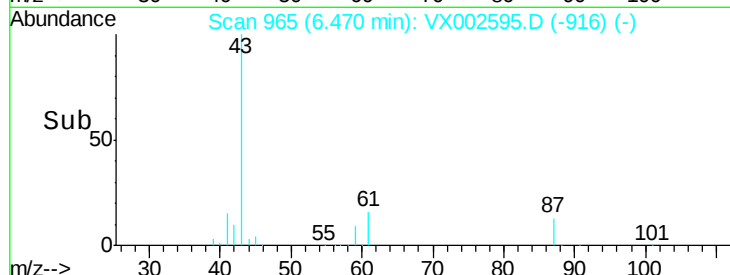
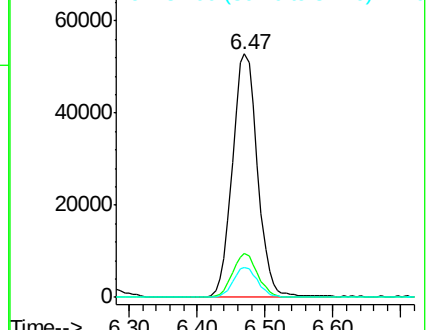
87 12.2 9.5 14.3



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: 20.757 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002595.D

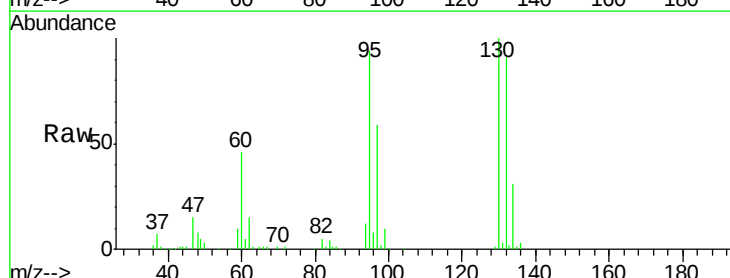
Acq: 15 Jun 2018 12:28

Tgt Ion: 130 Resp: 63076

Ion Ratio Lower Upper

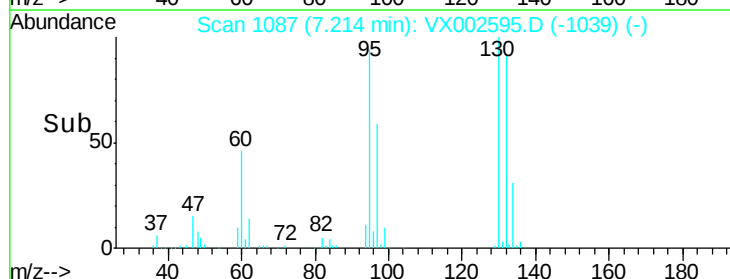
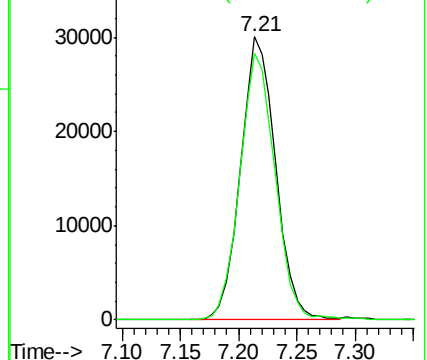
130 100

95 93.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

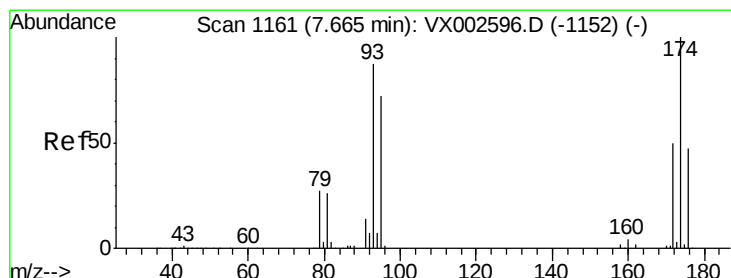
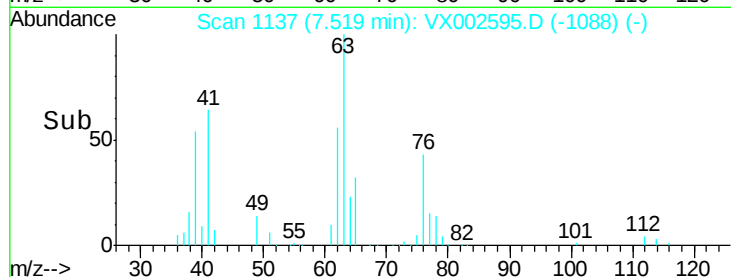
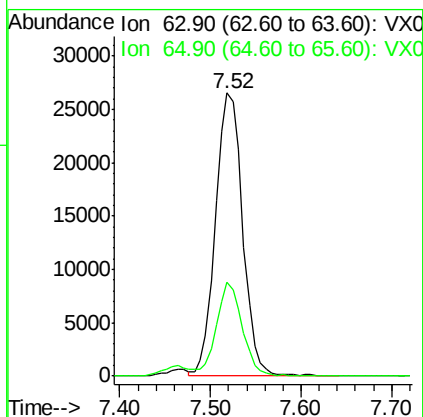
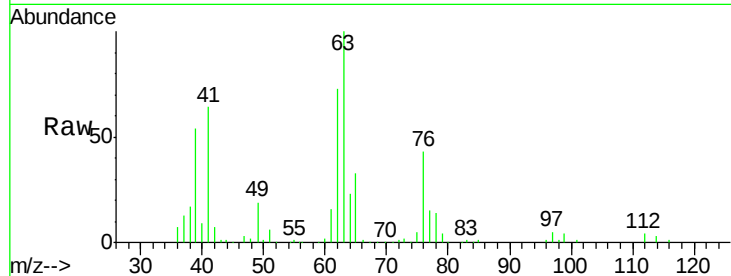




#45
 1,2-Dichloropropane
 Concen: 18.854 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

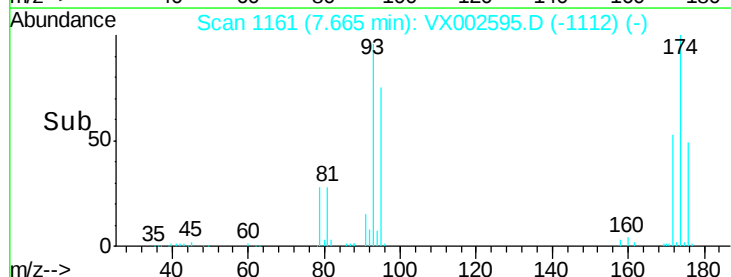
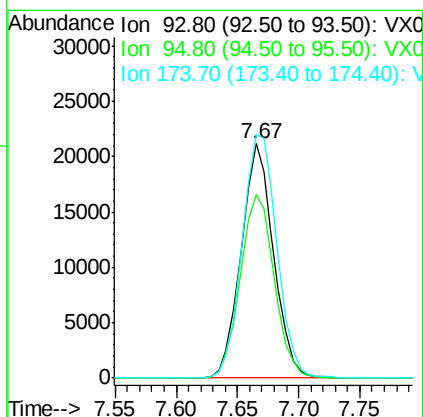
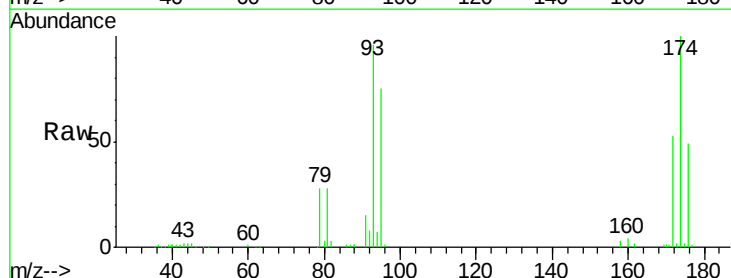
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

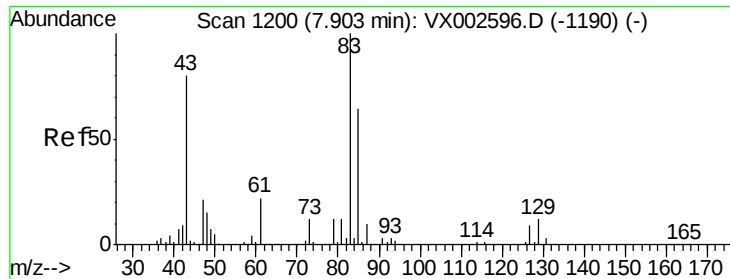
Tgt Ion: 63 Resp: 55731
 Ion Ratio Lower Upper
 63 100
 65 33.3 24.7 37.1



#46
 Dibromomethane
 Concen: 19.369 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 93 Resp: 38812
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 112.1 92.4 138.6





#47

Bromodichloromethane

Concen: 18.618 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

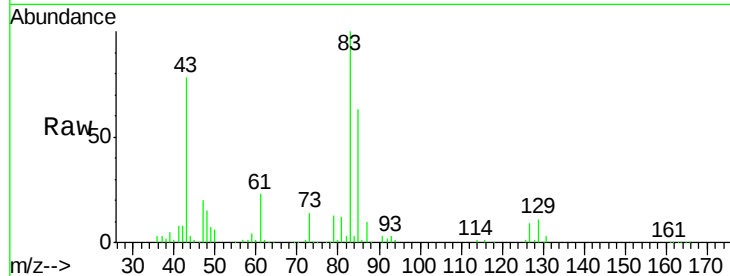
Tgt Ion: 83 Resp: 67472

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

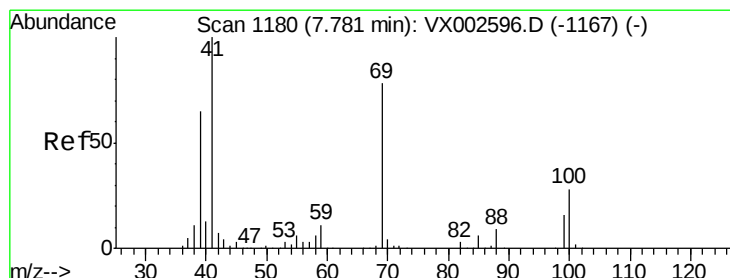
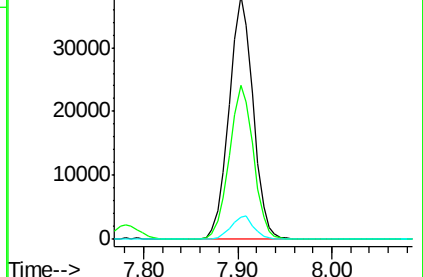
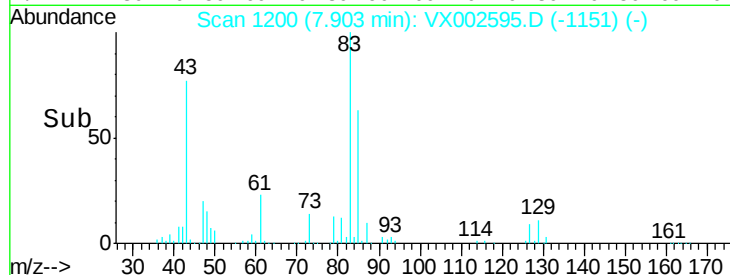
127 8.9 7.0 10.4



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: 19.076 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

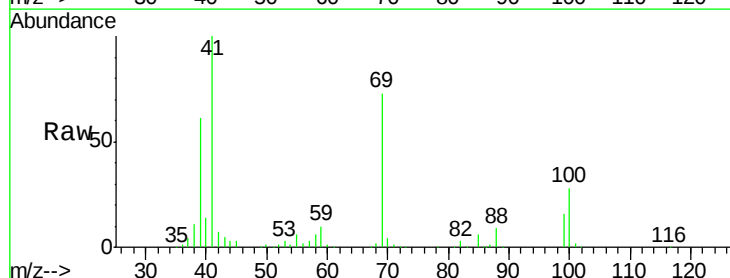
Tgt Ion: 41 Resp: 69892

Ion Ratio Lower Upper

41 100

69 74.5 59.1 88.7

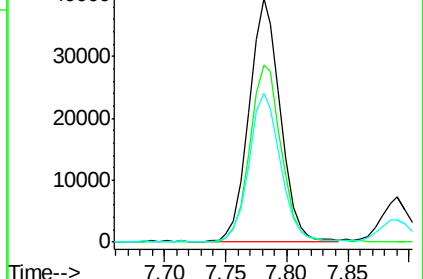
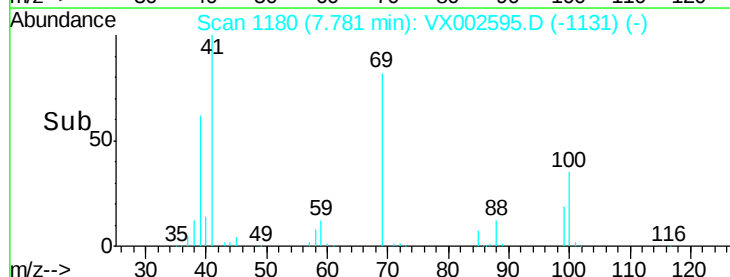
39 62.2 48.9 73.3

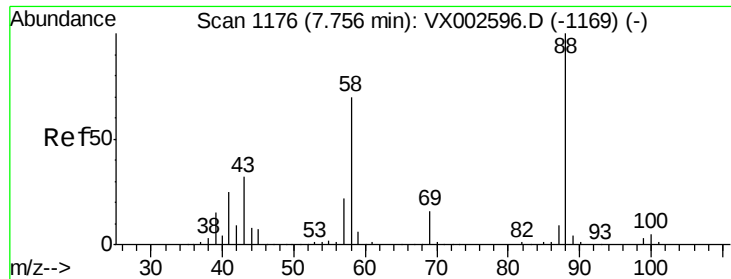


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

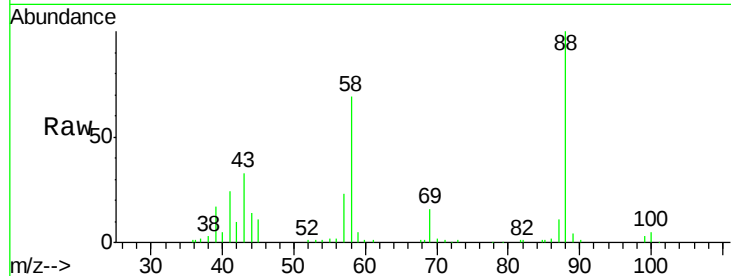




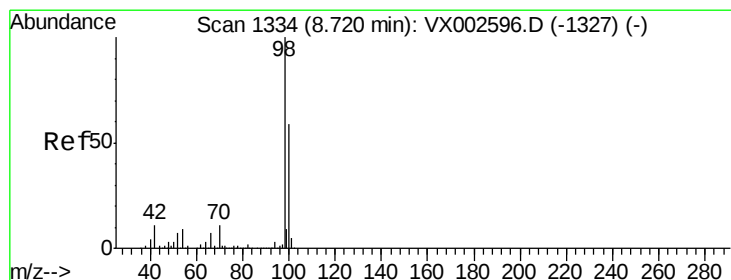
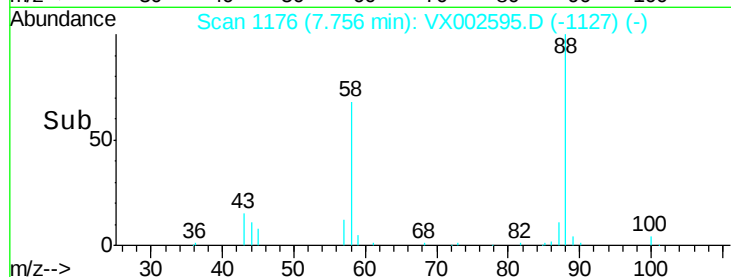
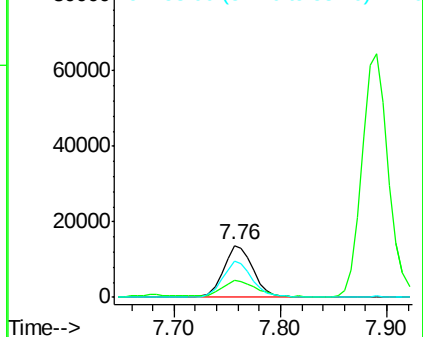
#49
1,4-Dioxane
Concen: 391.570 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 26825
Ion Ratio Lower Upper
88 100
43 35.5 29.8 44.6
58 68.7 57.1 85.7

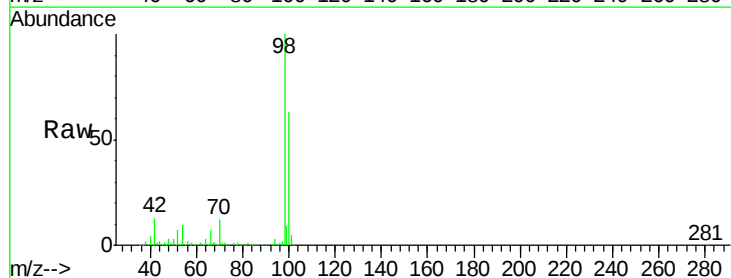


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

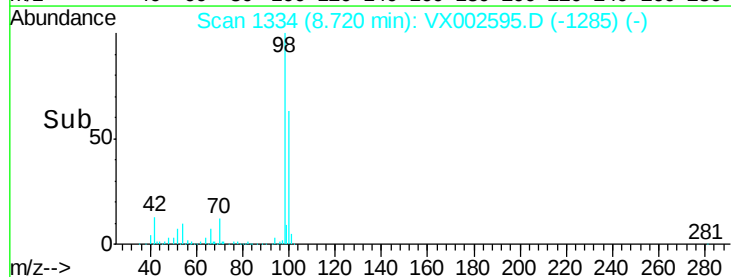
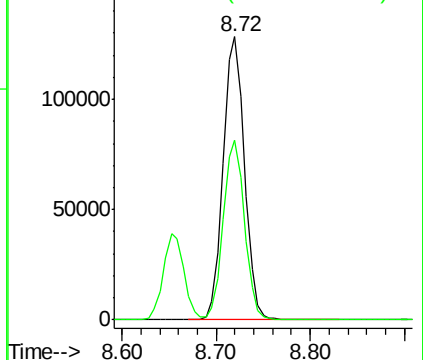


#50
Toluene-d8
Concen: 19.595 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 98 Resp: 200627
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

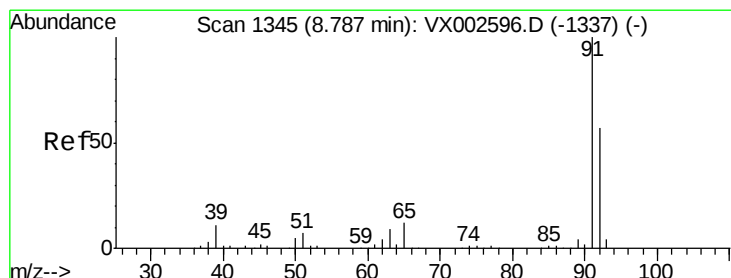
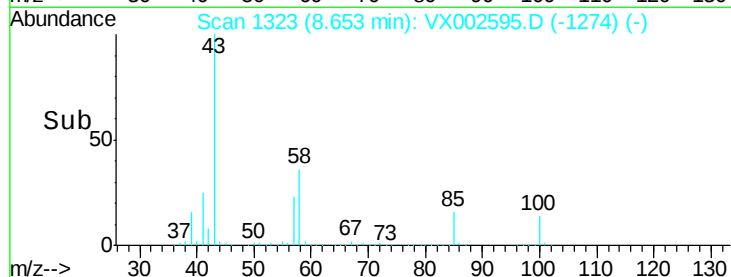
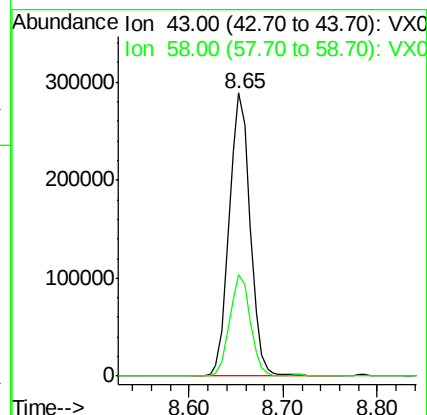
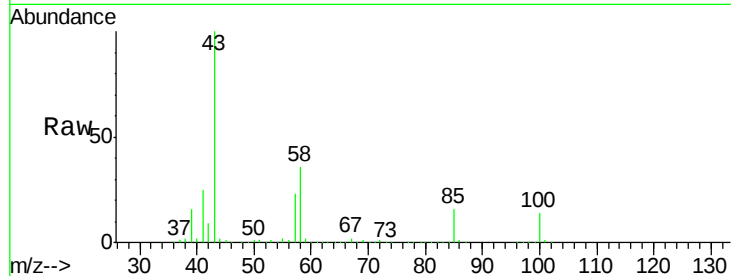




#51
4-Methyl-2-Pentanone
Concen: 98.456 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

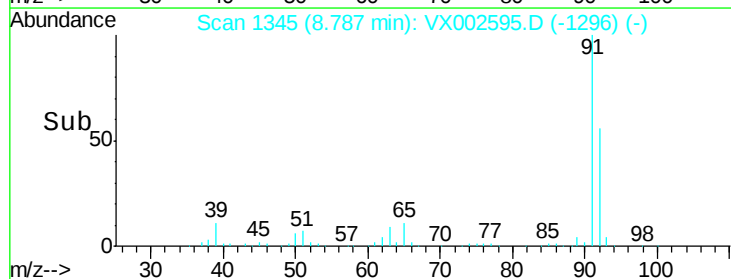
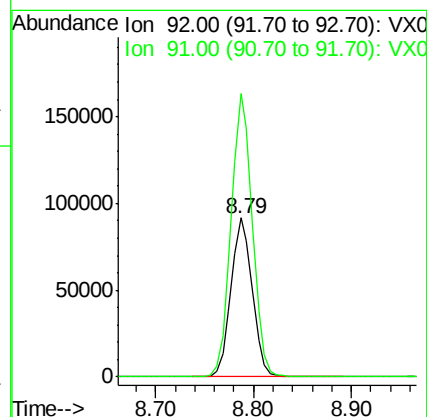
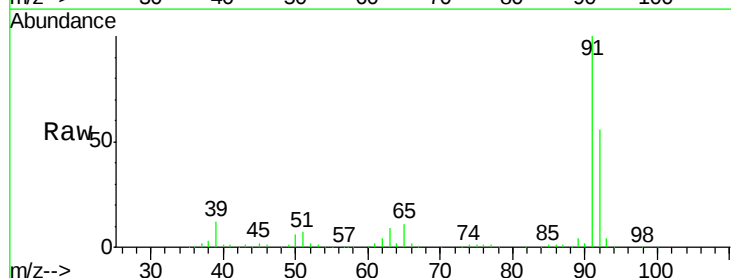
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 447226
Ion Ratio Lower Upper
43 100
58 35.4 28.6 42.8



#52
Toluene
Concen: 19.878 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 92 Resp: 138422
Ion Ratio Lower Upper
92 100
91 177.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.270 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

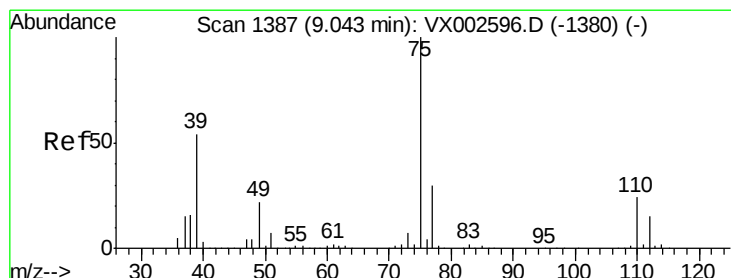
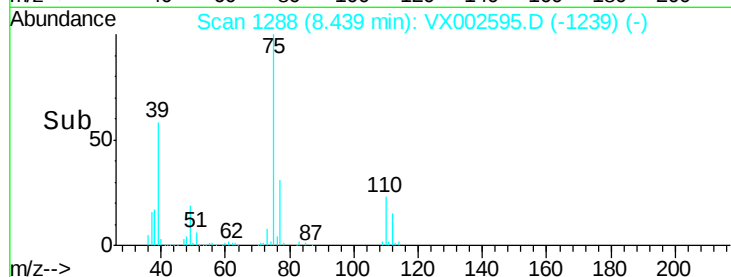
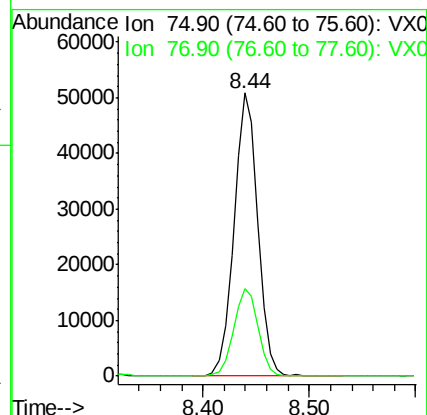
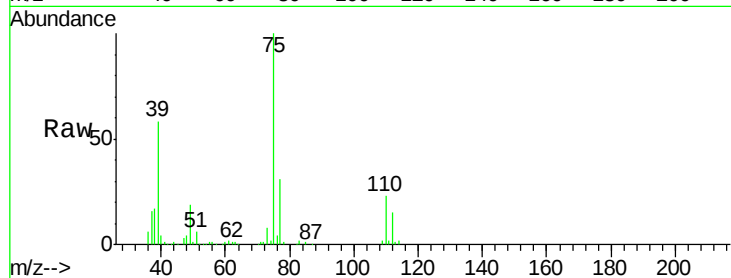
VSTDIC020

Tgt Ion: 75 Resp: 79402

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.393 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

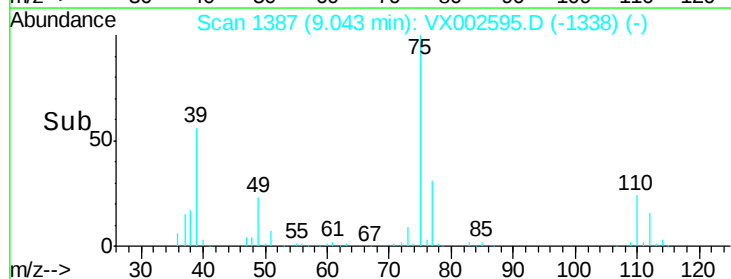
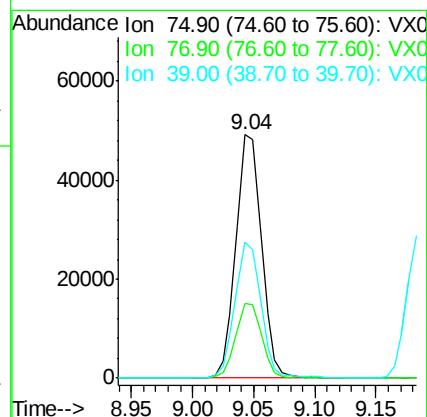
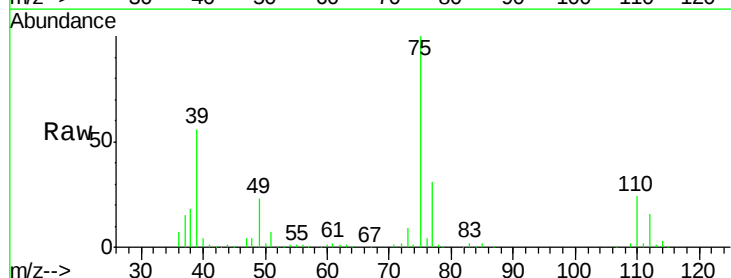
Tgt Ion: 75 Resp: 71316

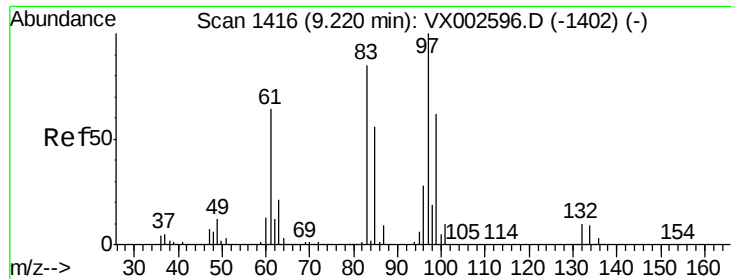
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 55.7 42.4 63.6

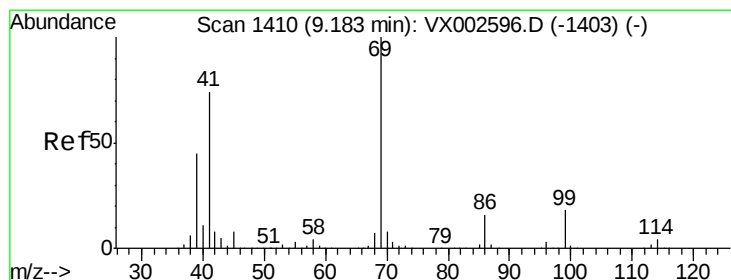
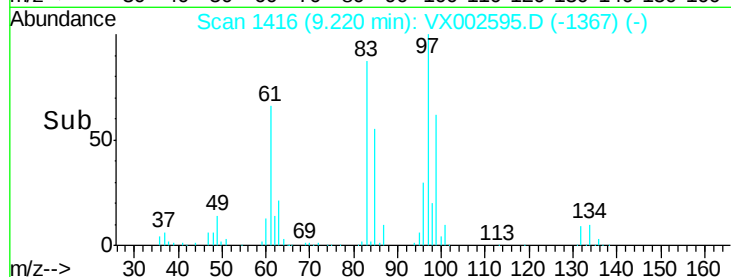
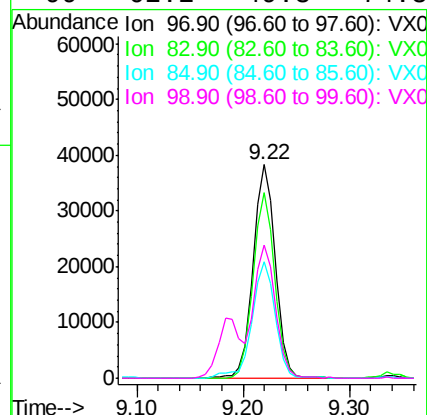
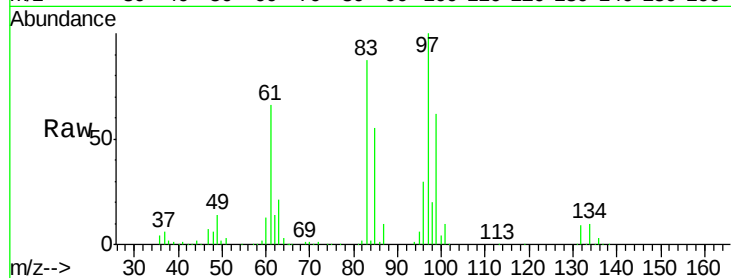




#55
 1,1,2-Trichloroethane
 Concen: 19.724 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

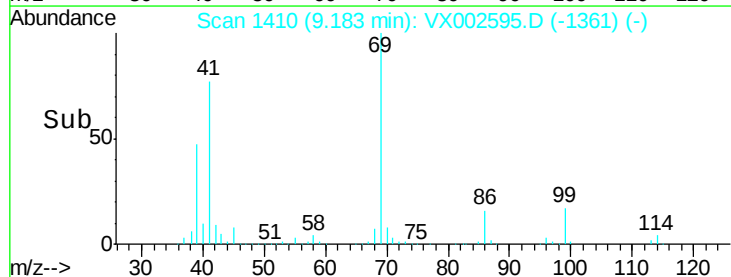
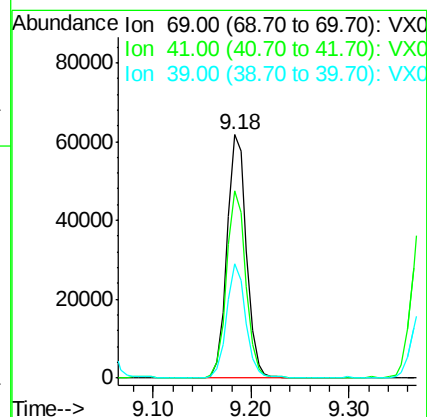
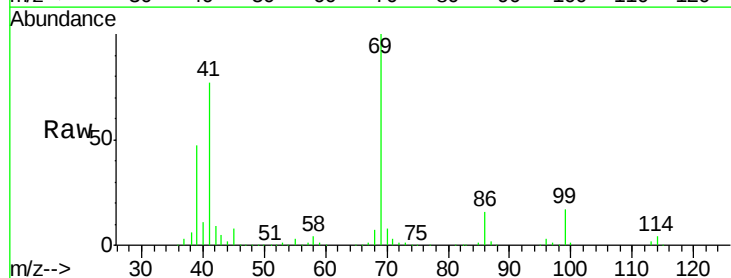
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

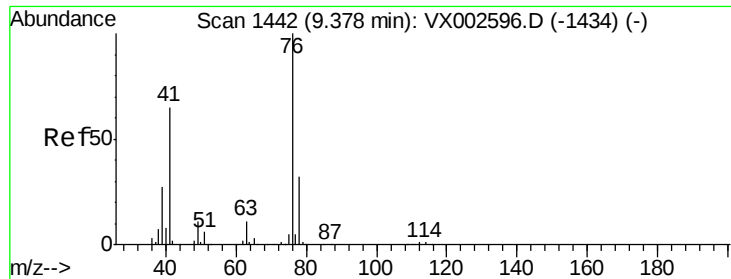
Tgt Ion: 97 Resp: 56493
 Ion Ratio Lower Upper
 97 100
 83 87.1 70.2 105.2
 85 54.6 44.9 67.3
 99 62.2 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 18.662 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 69 Resp: 85337
 Ion Ratio Lower Upper
 69 100
 41 75.7 60.3 90.5
 39 45.1 35.8 53.8

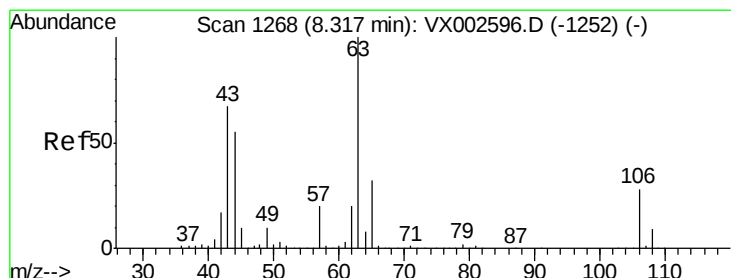
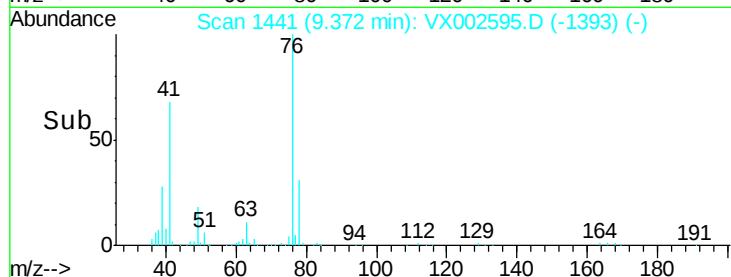
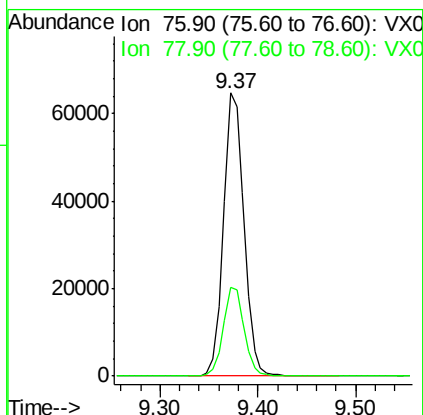
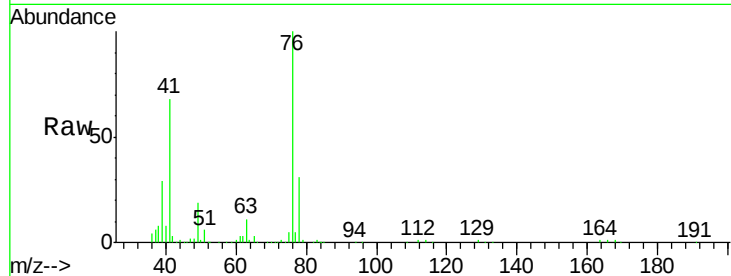




#57
 1,3-Dichloropropane
 Concen: 19.581 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

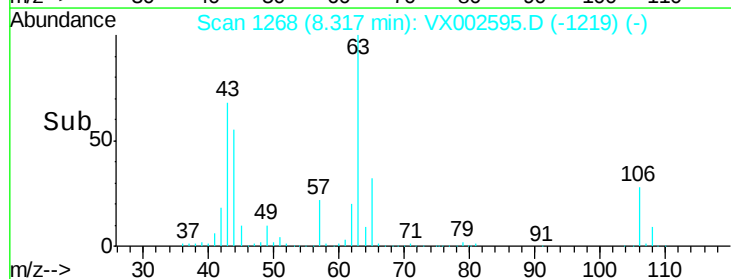
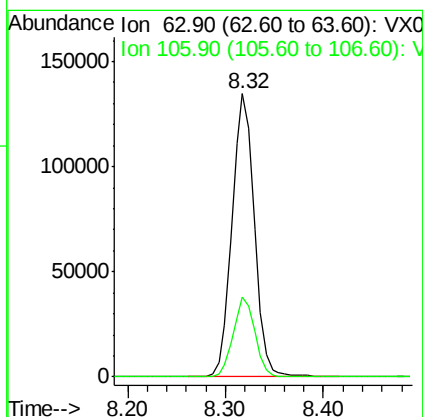
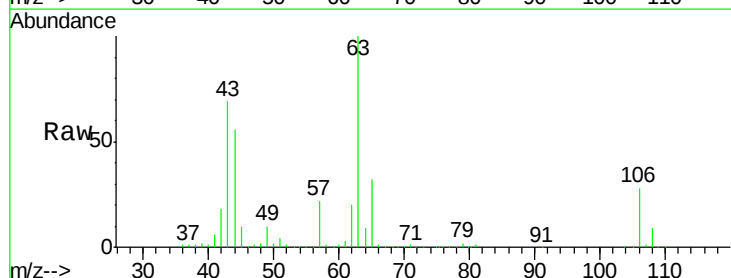
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

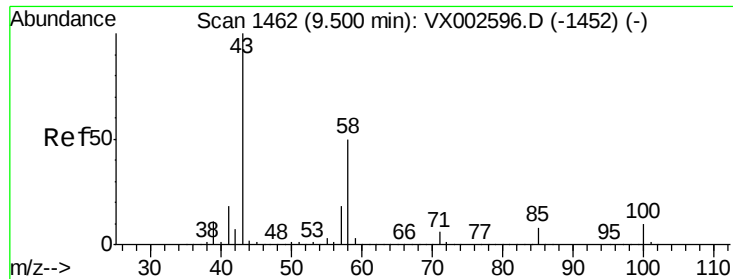
Tgt Ion: 76 Resp: 94086
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.282 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 63 Resp: 212237
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.8 32.8

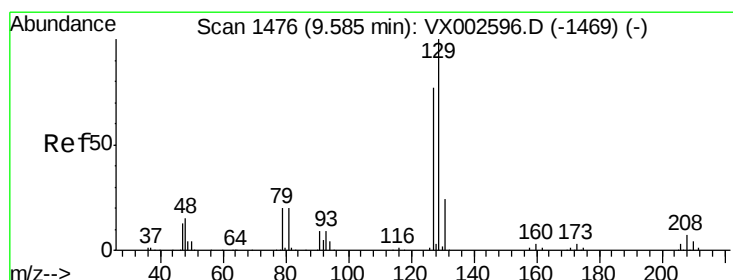
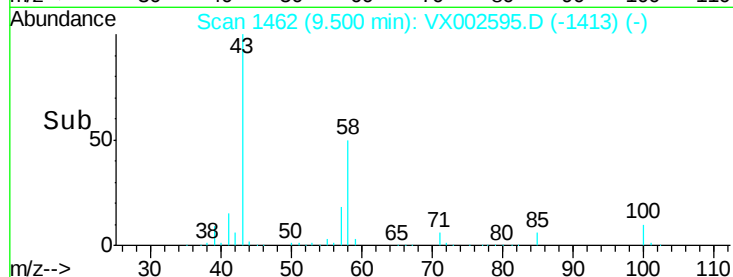
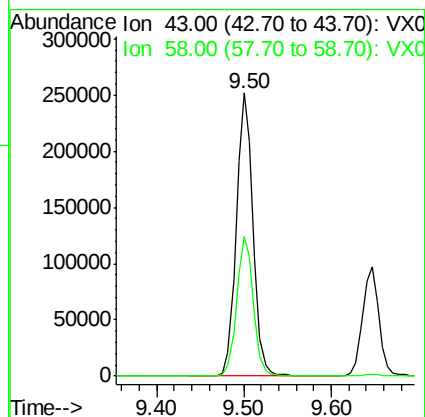
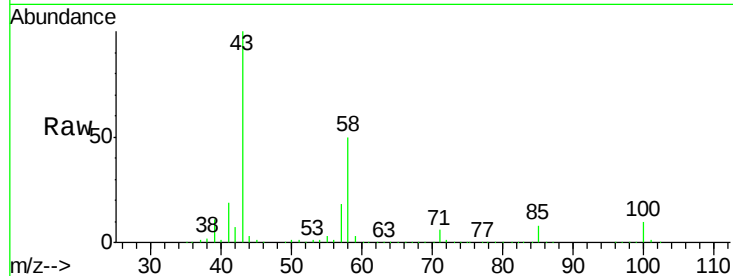




#59
2-Hexanone
Concen: 96.353 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

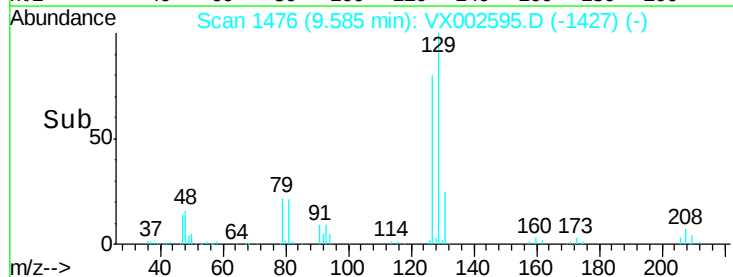
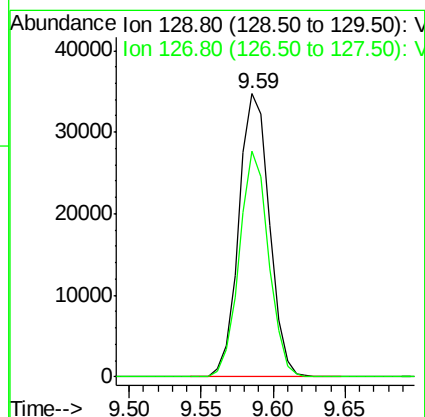
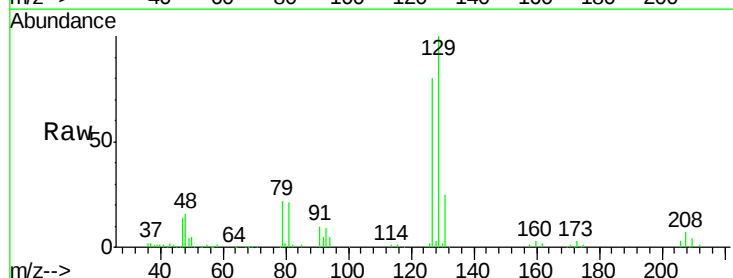
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

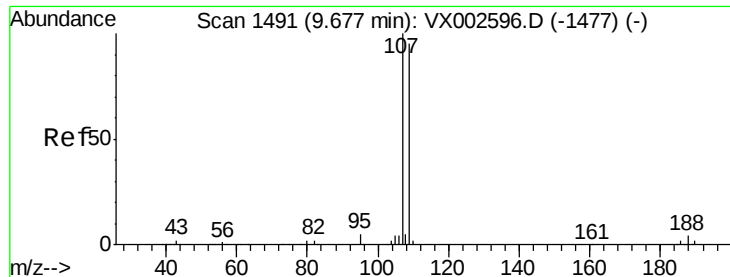
Tgt Ion: 43 Resp: 338061
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.6



#60
Dibromochloromethane
Concen: 17.795 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 129 Resp: 51265
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.757 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

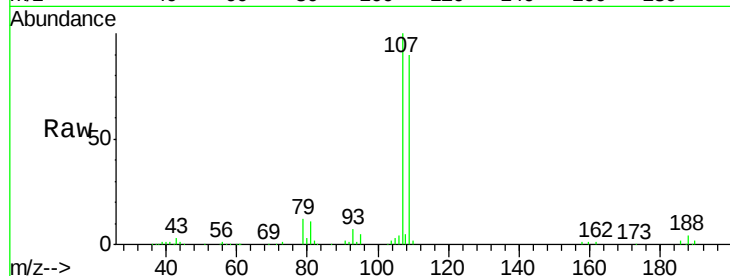
VSTDIC020

Tgt Ion: 107 Resp: 59001

Ion Ratio Lower Upper

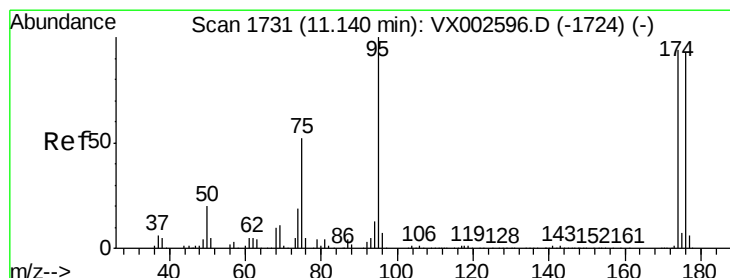
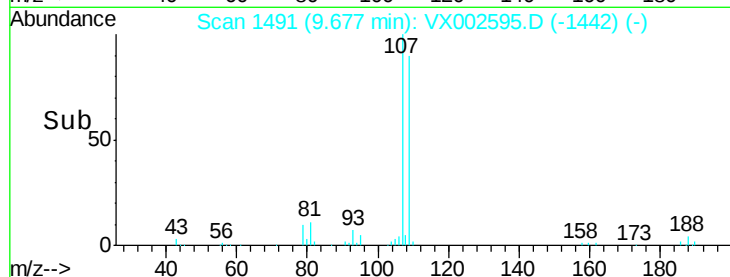
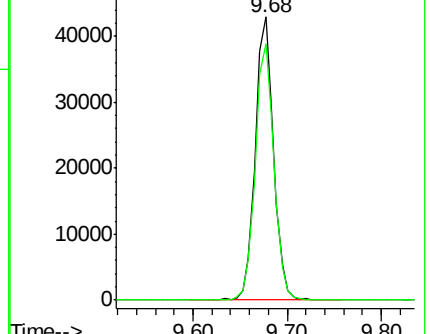
107 100

109 93.0 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: 18.613 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

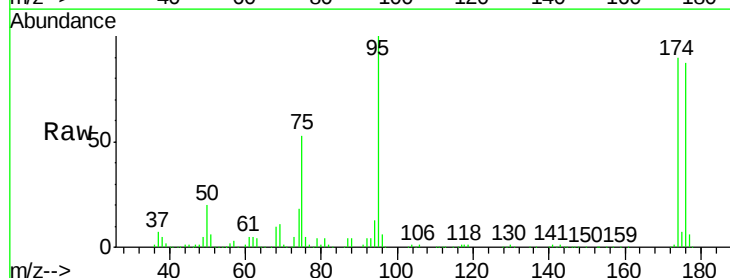
Tgt Ion: 95 Resp: 73486

Ion Ratio Lower Upper

95 100

174 93.2 0.0 187.4

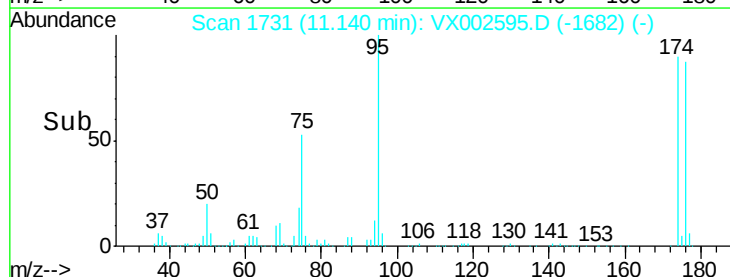
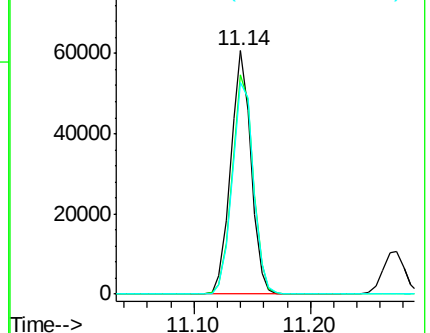
176 91.6 0.0 181.0

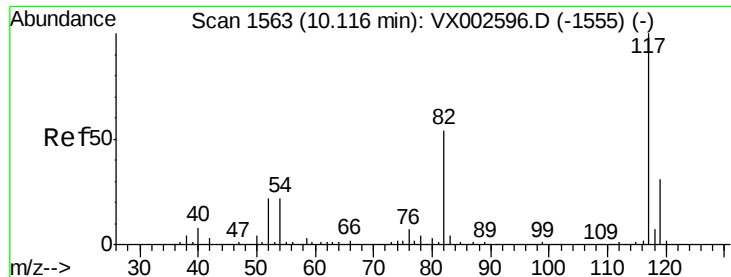


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

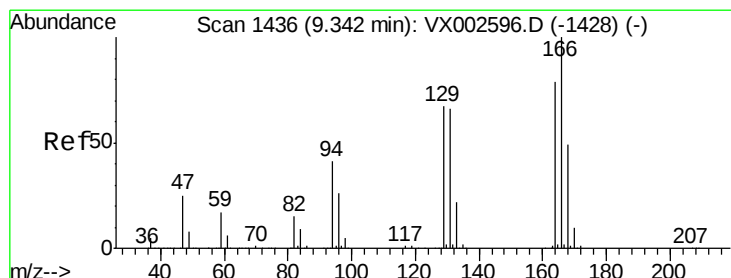
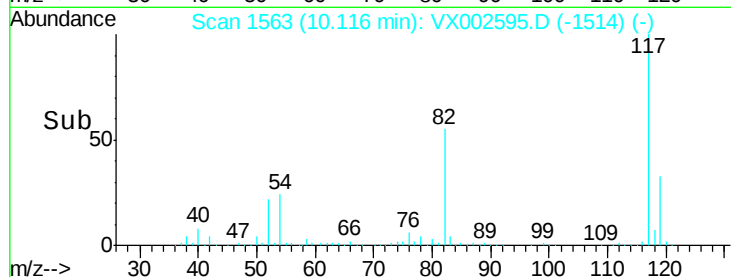
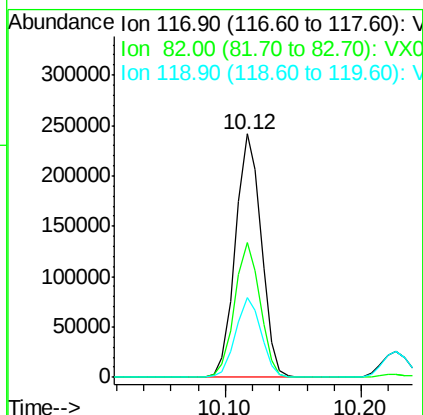
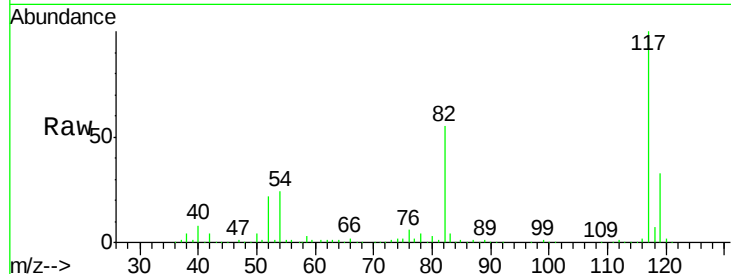




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

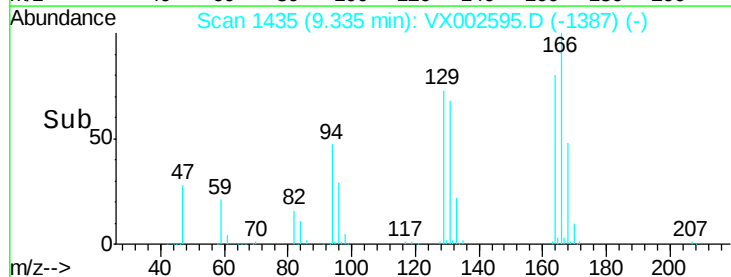
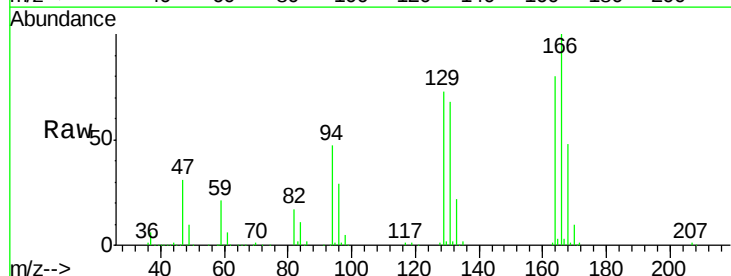
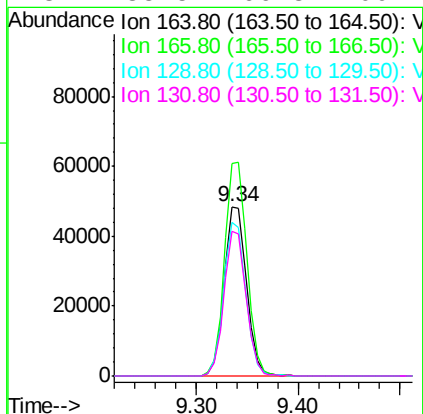
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

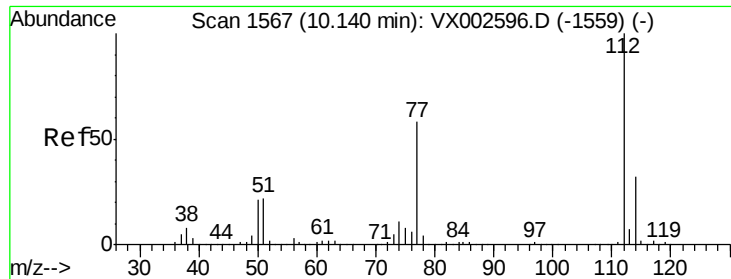
Tgt Ion:117 Resp: 320554
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 22.155 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion:164 Resp: 73245
Ion Ratio Lower Upper
164 100
166 125.0 102.9 154.3
129 91.0 68.6 102.8
131 85.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.939 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

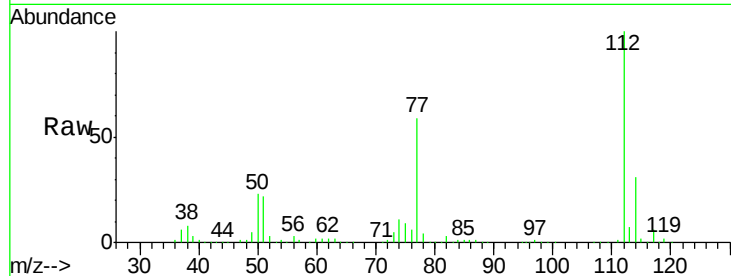
VSTDIC020

Tgt Ion:112 Resp: 159036

Ion Ratio Lower Upper

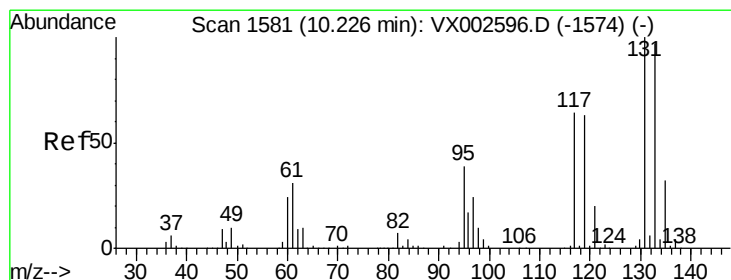
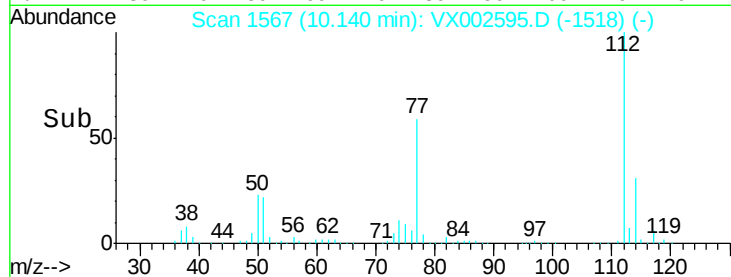
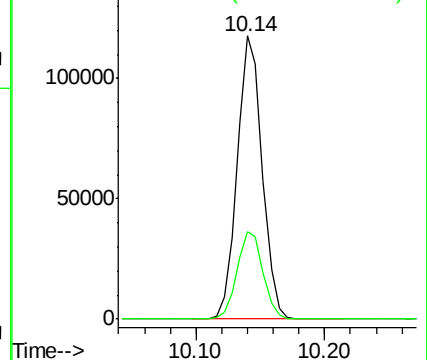
112 100

114 31.1 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: 18.773 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

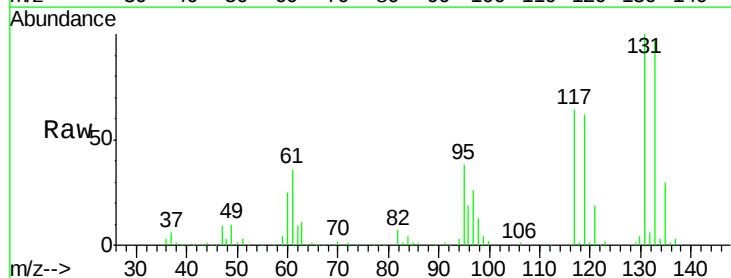
Tgt Ion:131 Resp: 54219

Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

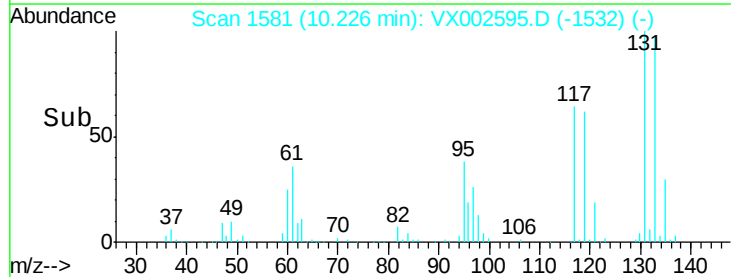
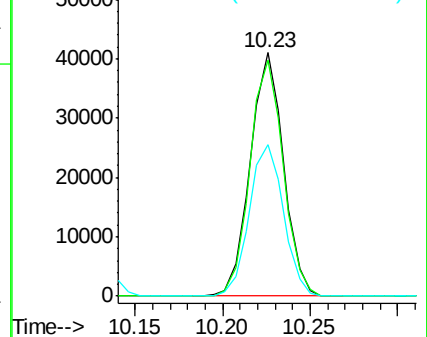
119 64.2 31.8 95.3

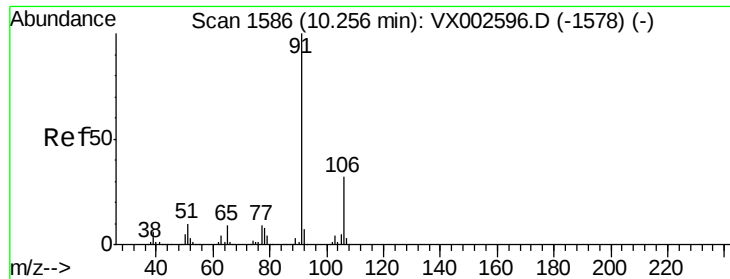


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.512 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

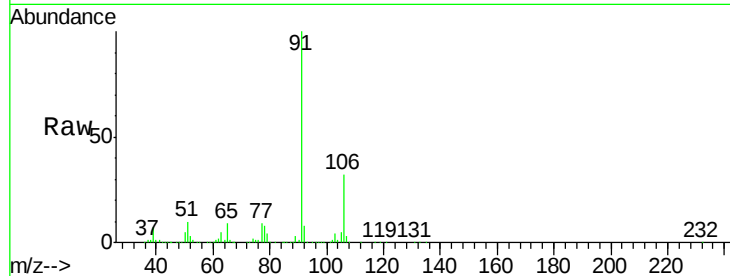
VSTDIC020

Tgt Ion: 91 Resp: 273808

Ion Ratio Lower Upper

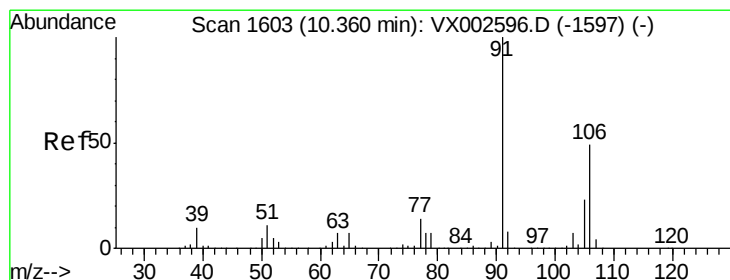
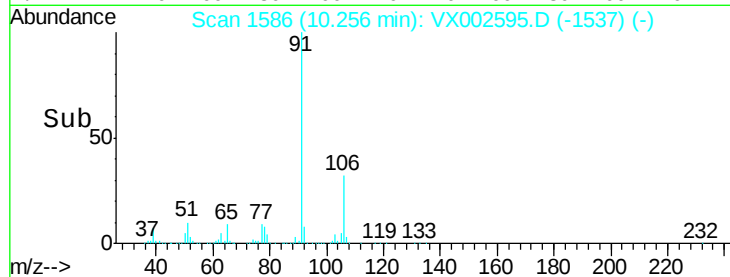
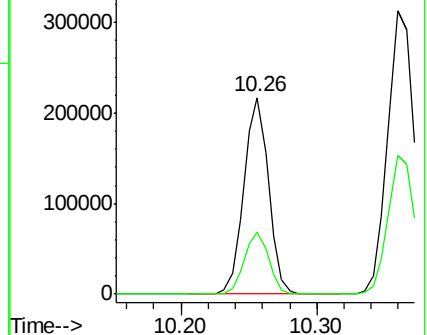
91 100

106 31.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX002596.D (-1578) (-)



#68

m/p-Xylenes

Concen: 40.169 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002595.D

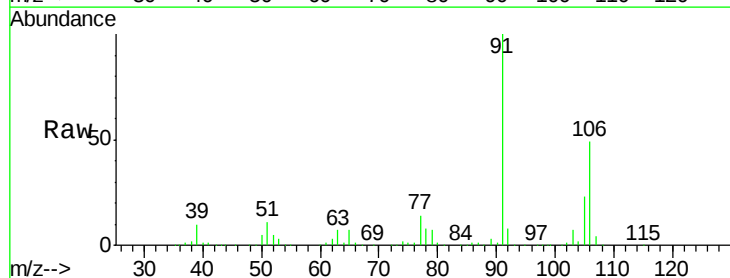
Acq: 15 Jun 2018 12:28

Tgt Ion: 106 Resp: 208432

Ion Ratio Lower Upper

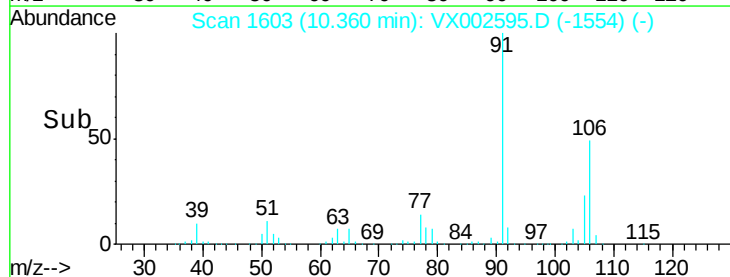
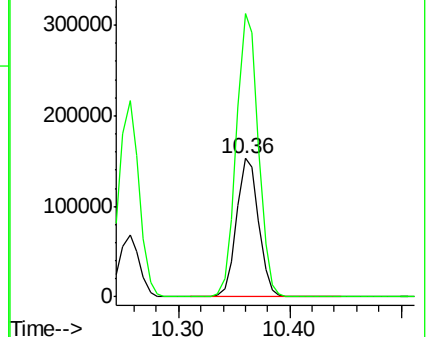
106 100

91 205.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX002596.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX002596.D (-1597) (-)

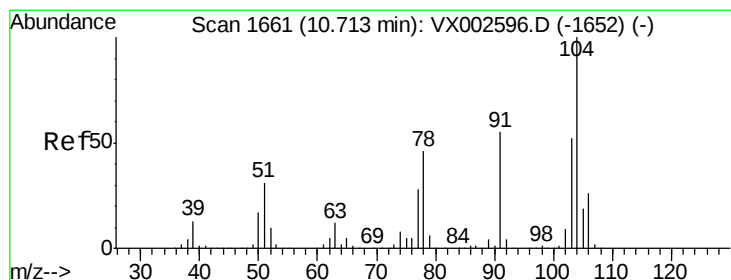
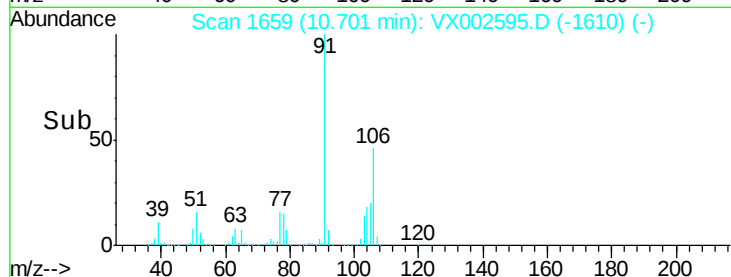
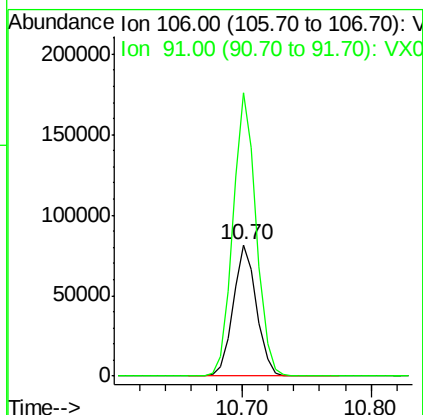
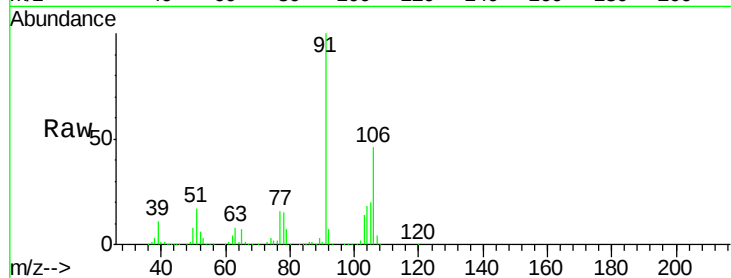




#69
o-Xylene
Concen: 20.028 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

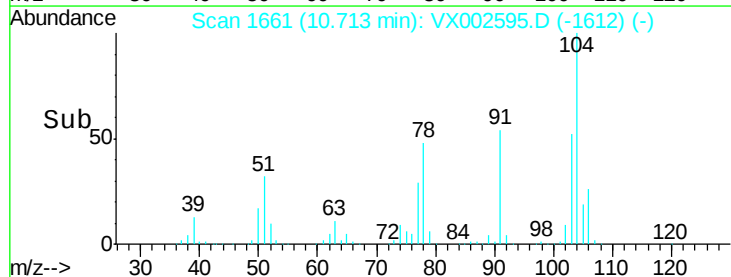
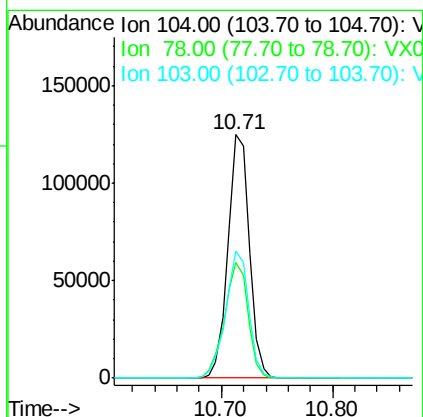
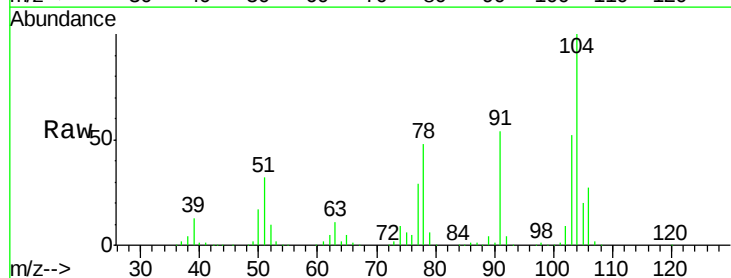
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

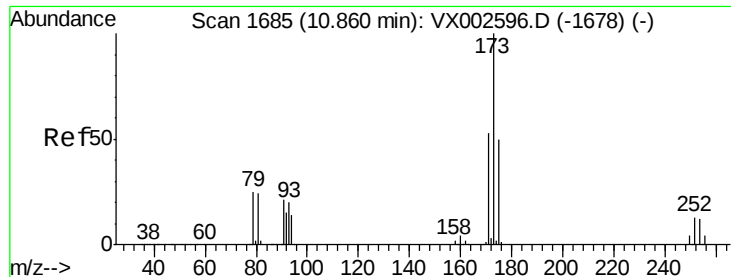
Tgt Ion:106 Resp: 103419
Ion Ratio Lower Upper
106 100
91 213.5 108.2 324.6



#70
Styrene
Concen: 19.774 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion:104 Resp: 166919
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.6
103 56.1 44.2 66.4

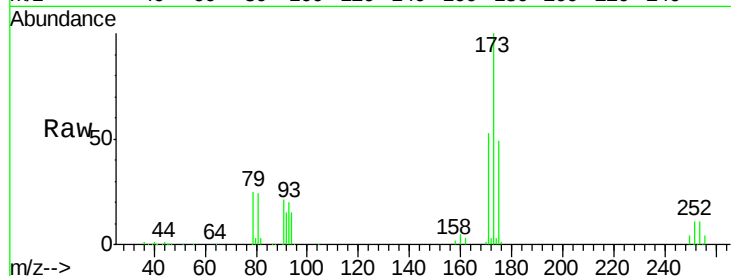




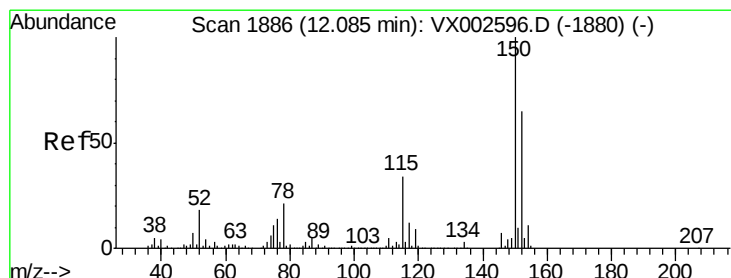
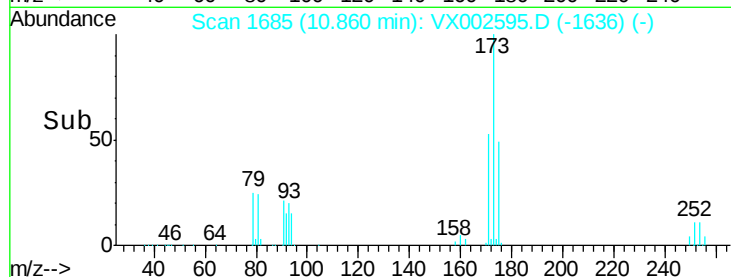
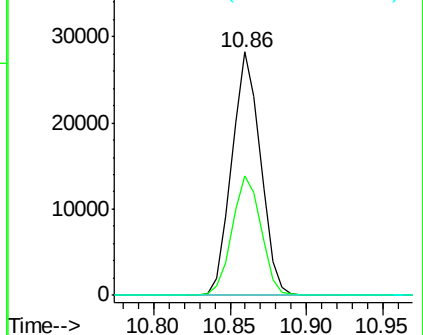
#71
Bromoform
Concen: 16.026 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 36695
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.1 0.2 0.2#

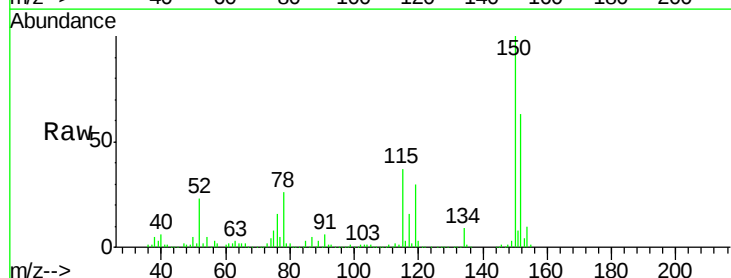


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

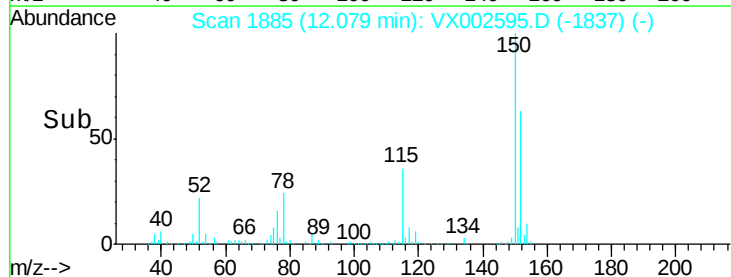
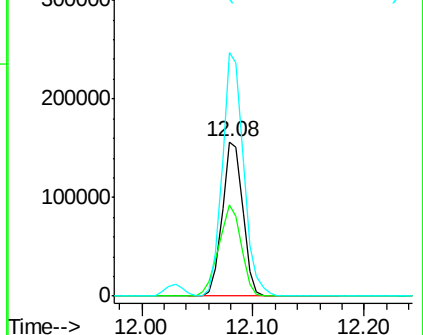


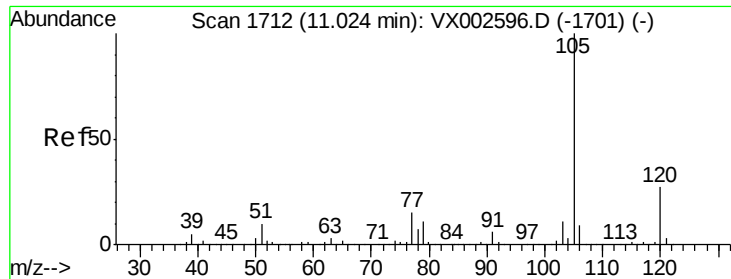
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion:152 Resp: 199504
Ion Ratio Lower Upper
152 100
115 64.8 40.1 120.2
150 163.6 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: 20.061 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

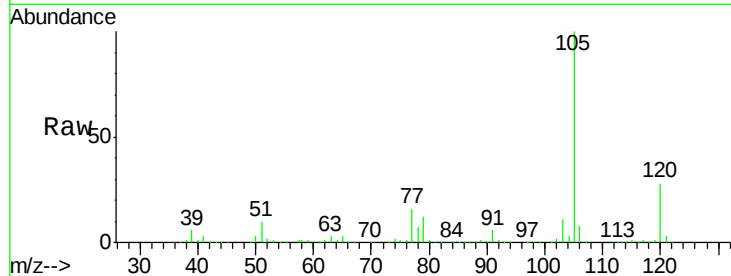
VSTDIC020

Tgt Ion: 105 Resp: 278421

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

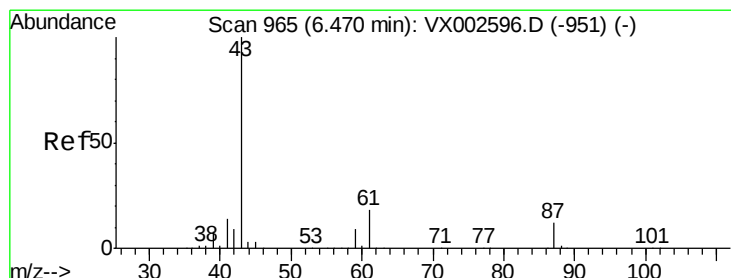
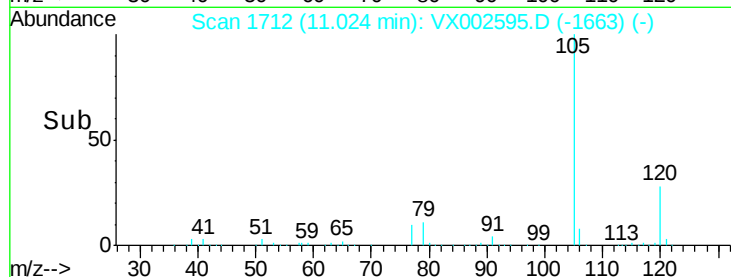
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.043 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Tgt Ion: 43 Resp: 134928

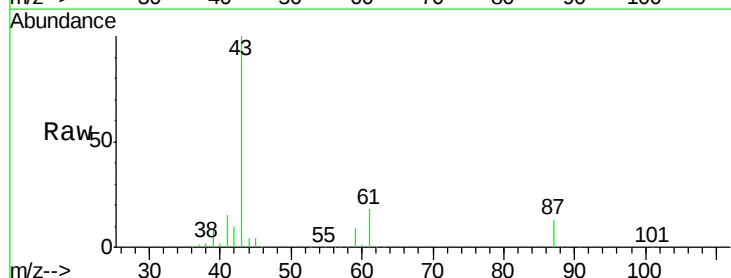
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

6.47

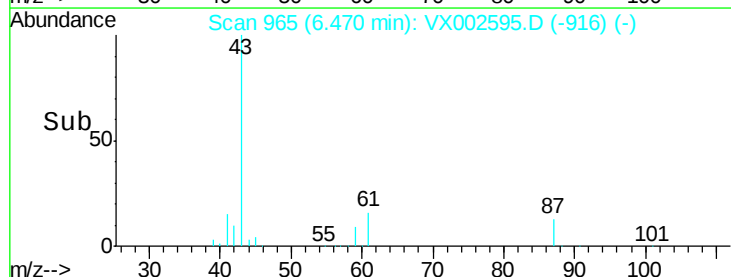
6.30

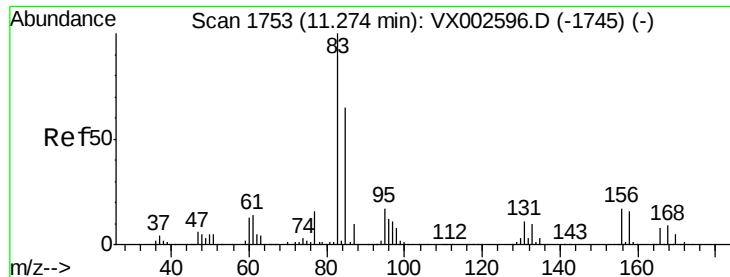
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.535 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

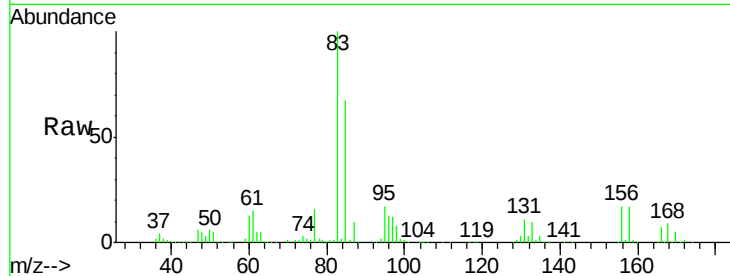
Tgt Ion: 83 Resp: 80904

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

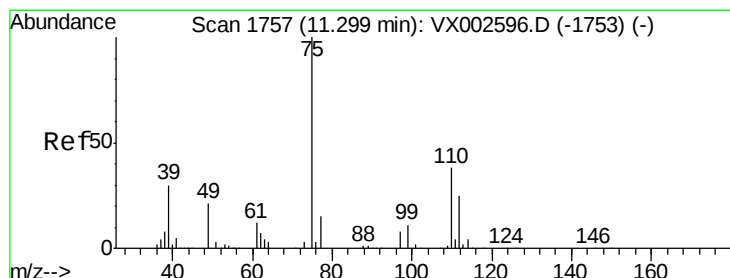
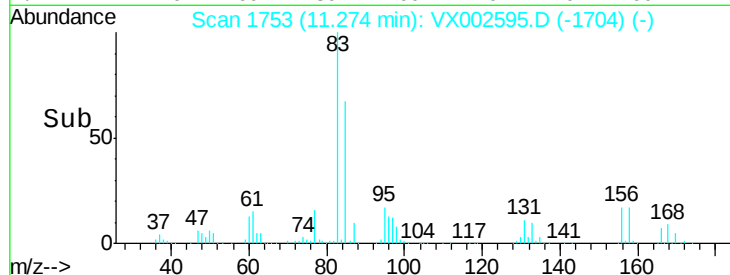
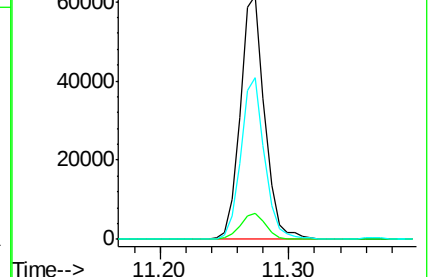
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002595.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX002595.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX002595.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 21.630 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002595.D

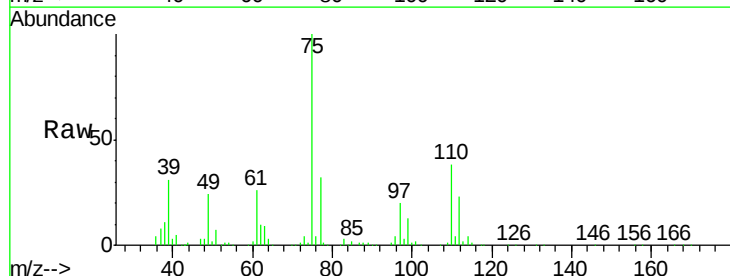
Acq: 15 Jun 2018 12:28

Tgt Ion: 75 Resp: 94690

Ion Ratio Lower Upper

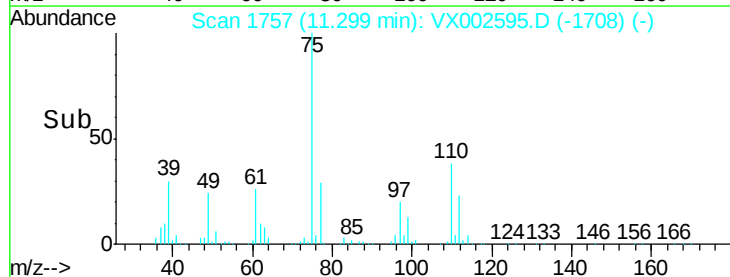
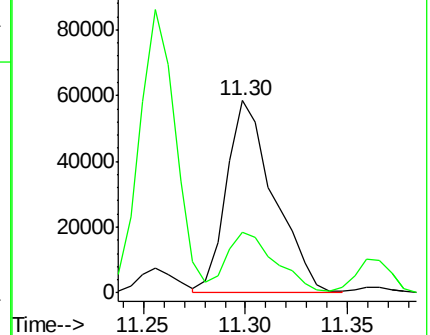
75 100

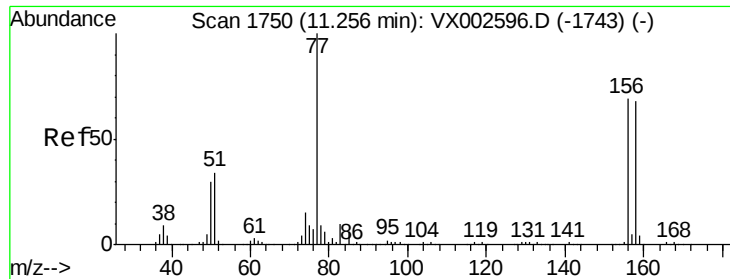
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002595.D (-1753) (-)

Ion 77.00 (76.70 to 77.70): VX002595.D (-1753) (-)





#77

Bromobenzene

Concen: 19.067 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

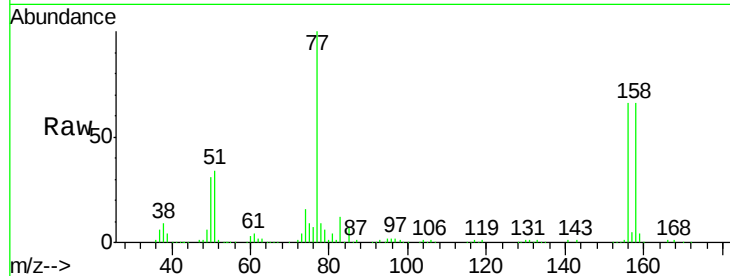
Tgt Ion:156 Resp: 74289

Ion Ratio Lower Upper

156 100

77 143.0 71.4 214.2

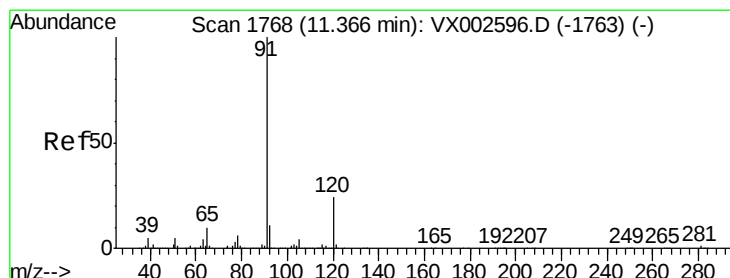
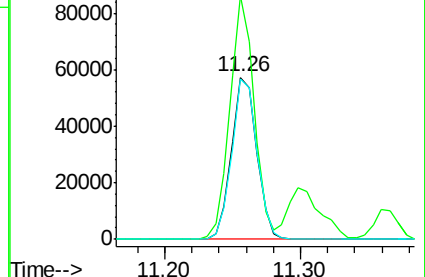
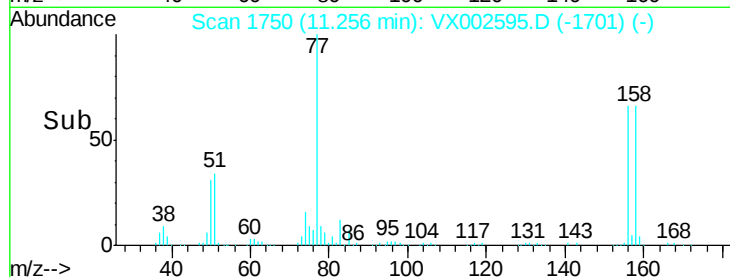
158 98.8 48.9 146.6



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: 20.754 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002595.D

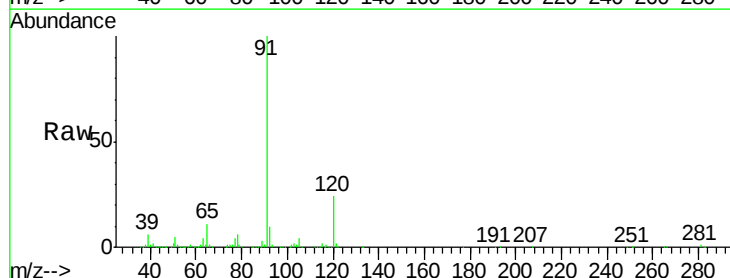
Acq: 15 Jun 2018 12:28

Tgt Ion: 91 Resp: 320143

Ion Ratio Lower Upper

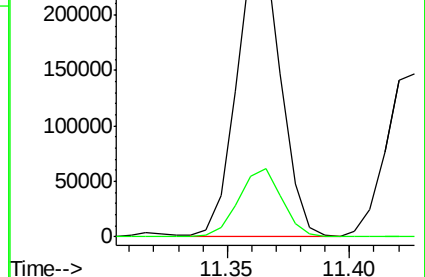
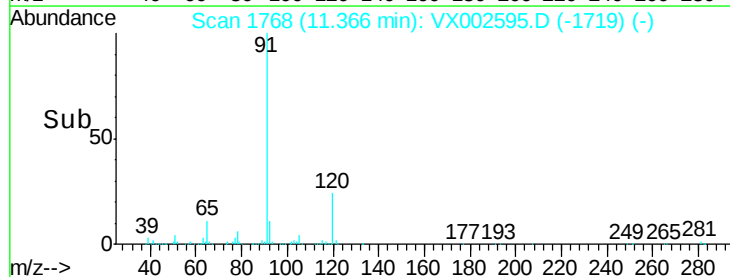
91 100

120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

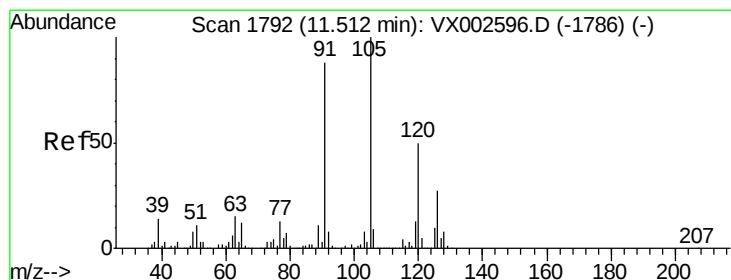
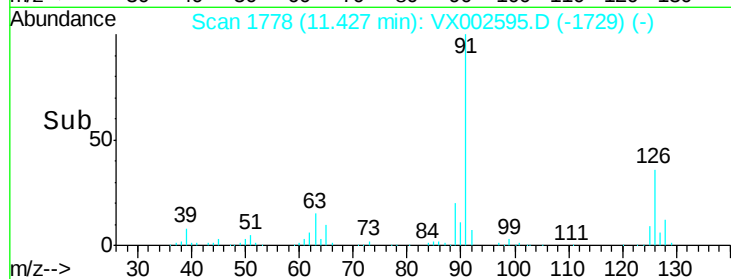
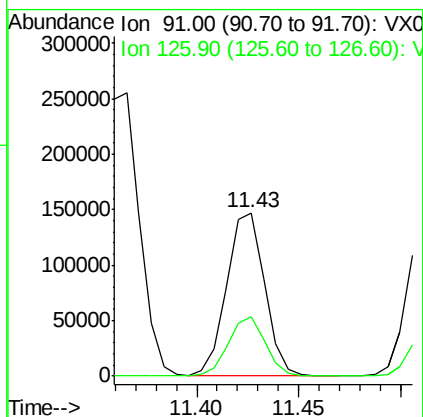
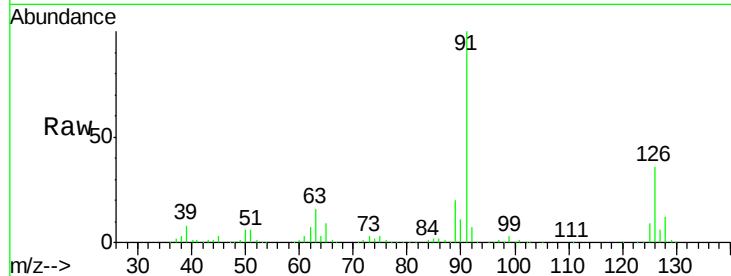




#79
2-Chlorotoluene
Concen: 19.347 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

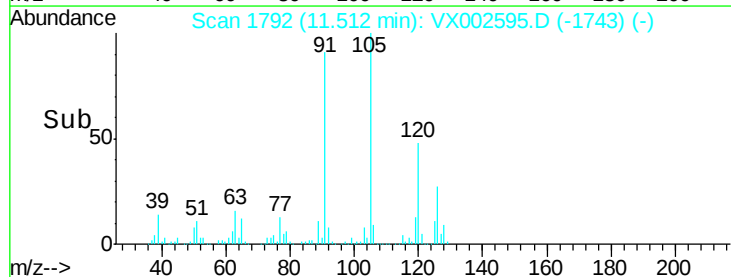
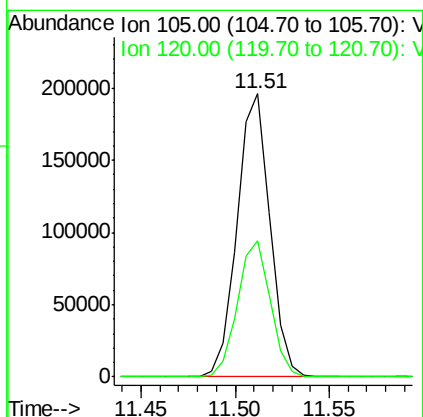
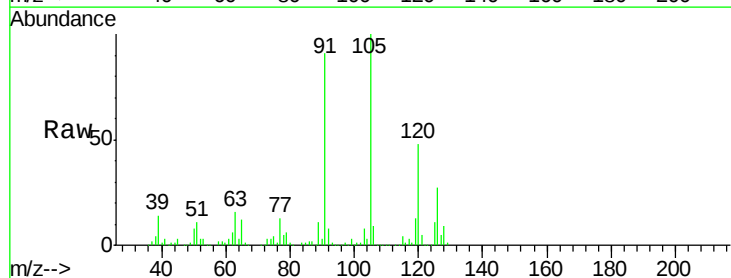
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

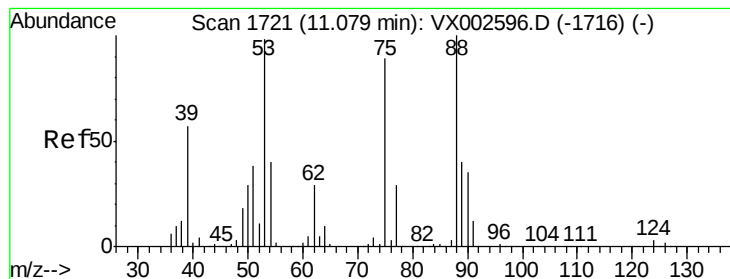
Tgt Ion: 91 Resp: 188448
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 19.789 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion: 105 Resp: 235566
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.056 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

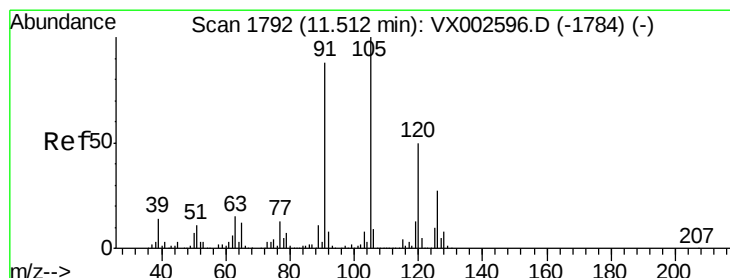
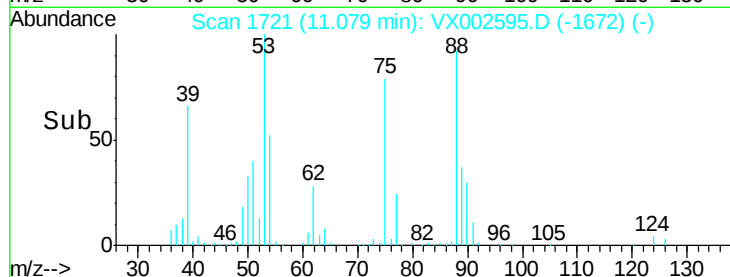
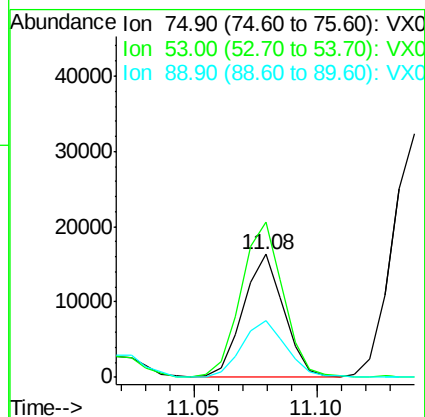
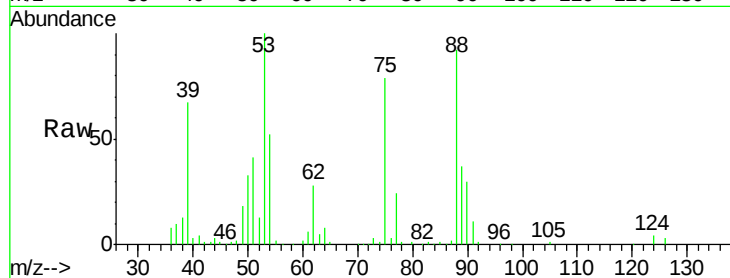
Tgt Ion: 75 Resp: 18802

Ion Ratio Lower Upper

75 100

53 130.2 86.8 130.2#

89 50.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.772 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002595.D

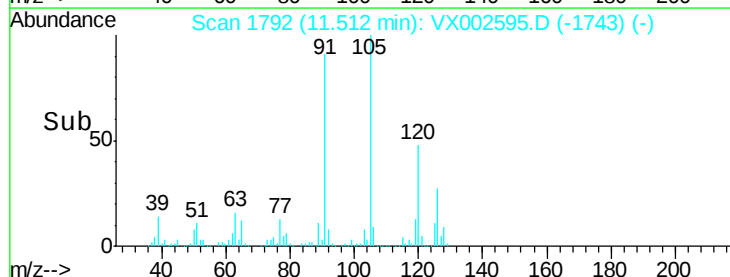
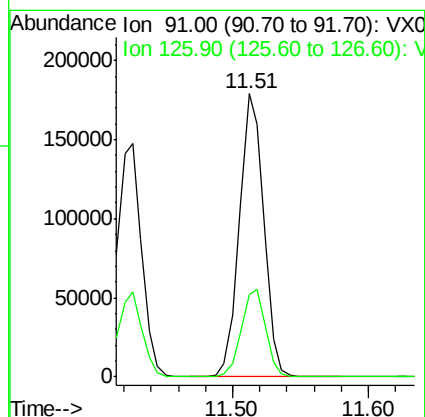
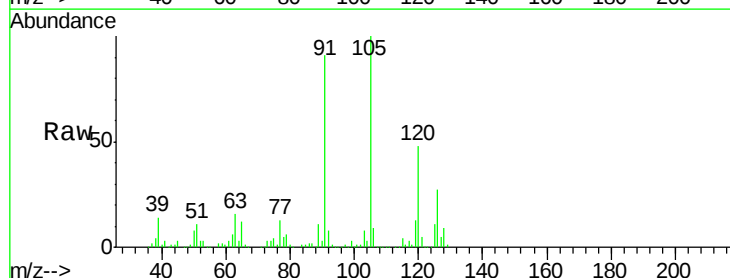
Acq: 15 Jun 2018 12:28

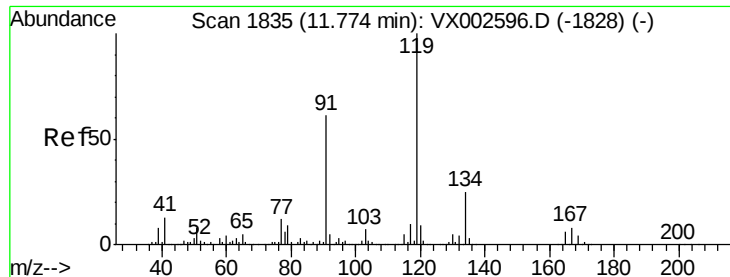
Tgt Ion: 91 Resp: 222285

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4

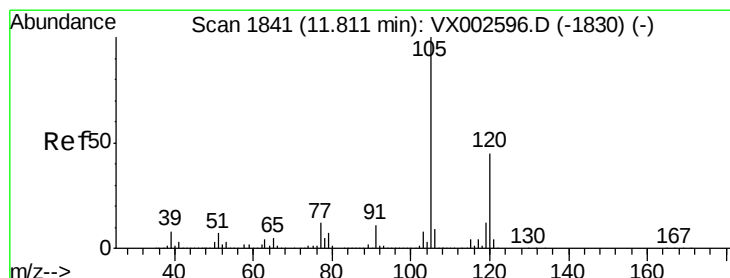
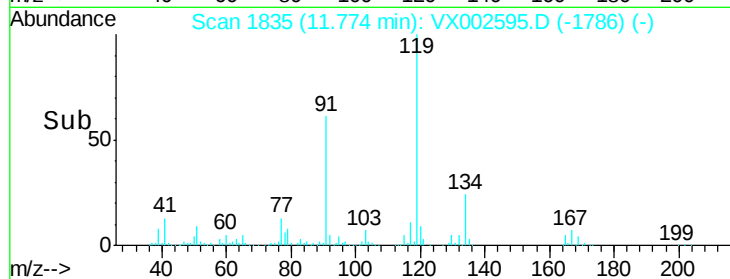
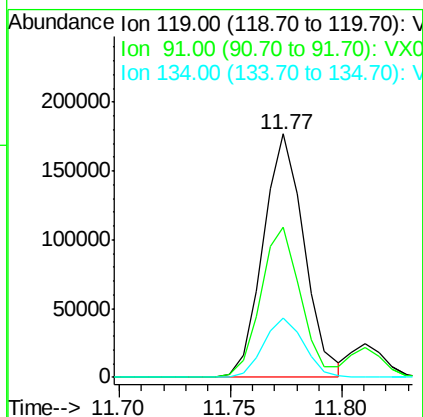
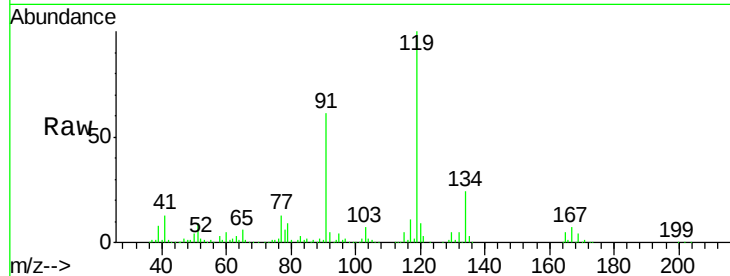




#83
 tert-Butylbenzene
 Concen: 19.504 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

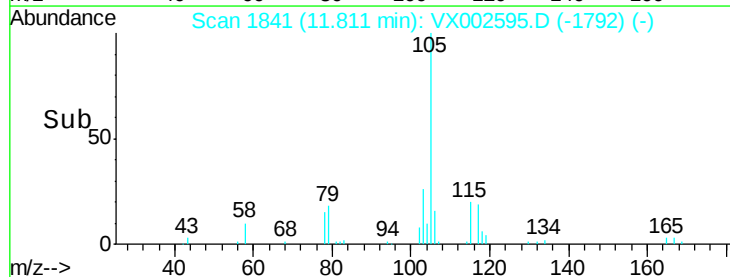
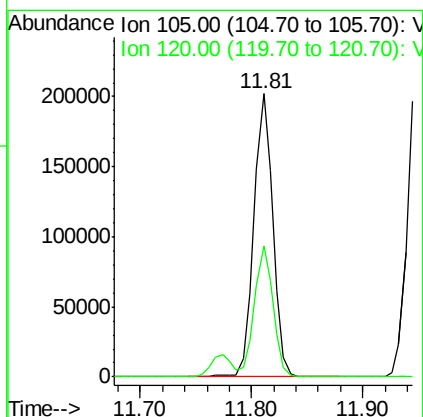
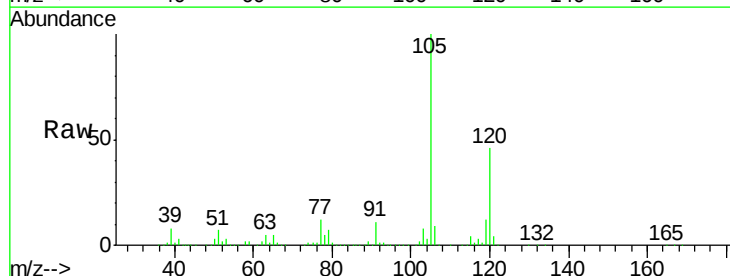
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

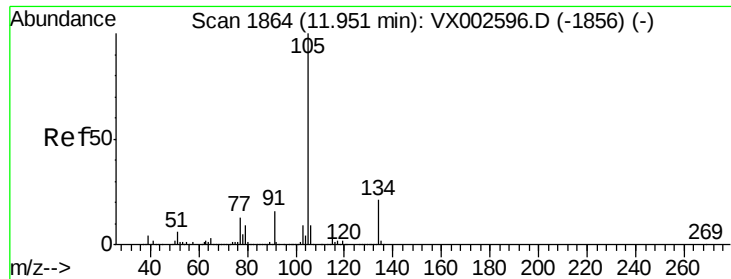
Tgt Ion:119 Resp: 226083
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.624 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion:105 Resp: 240470
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.3 66.8

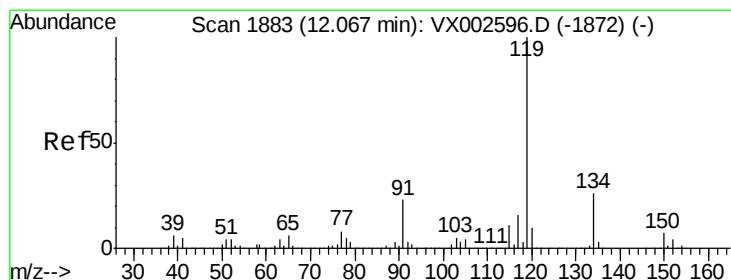
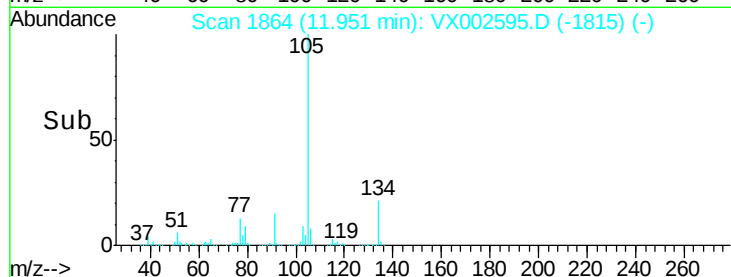
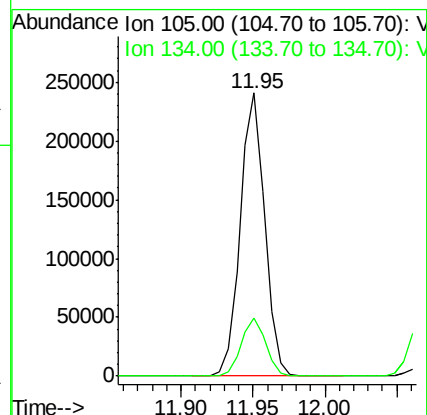
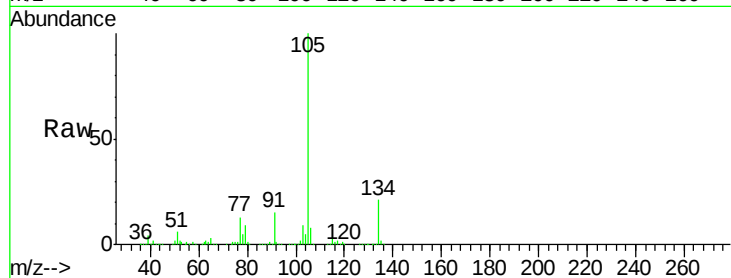




#85
 sec-Butylbenzene
 Concen: 21.013 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

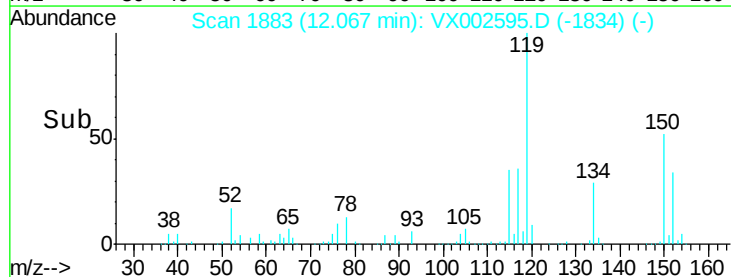
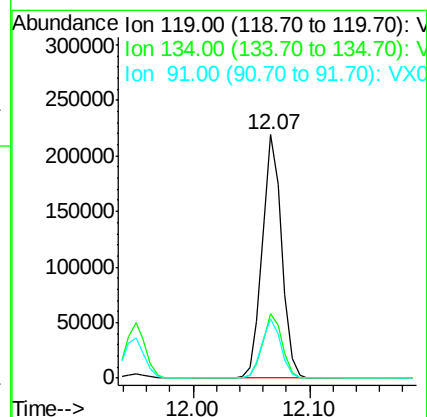
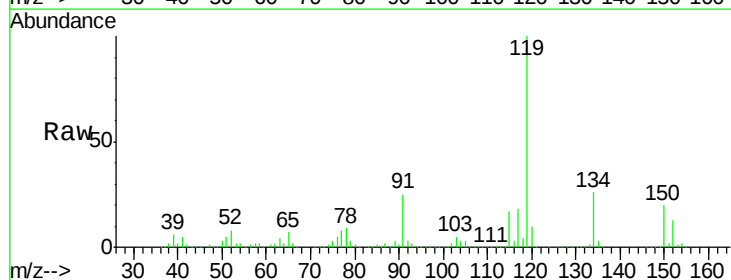
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

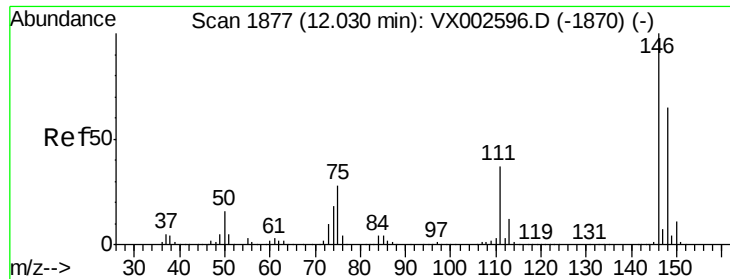
Tgt Ion:105 Resp: 285553
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.555 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion:119 Resp: 254436
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 24.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.851 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

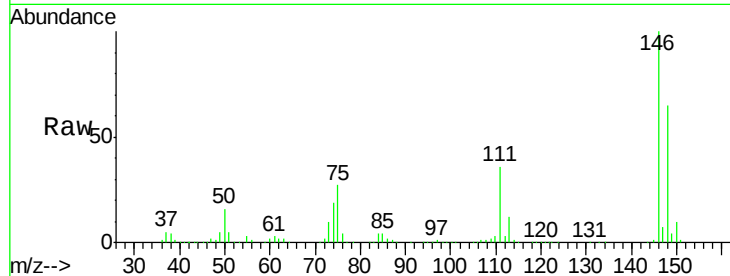
Tgt Ion:146 Resp: 138294

Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

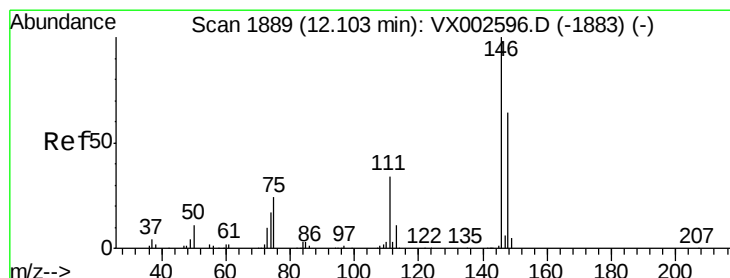
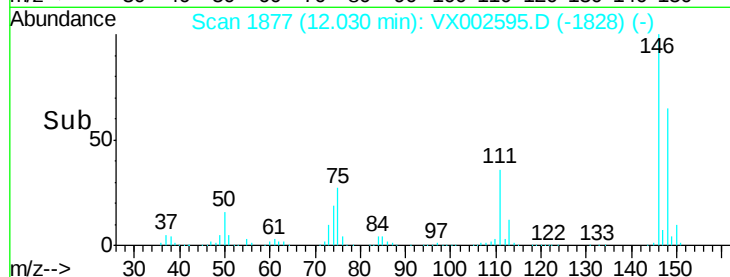
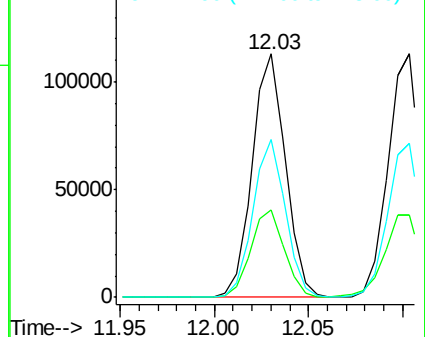
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.542 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

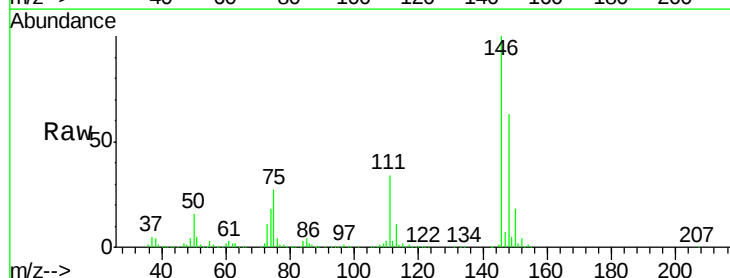
Tgt Ion:146 Resp: 140327

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

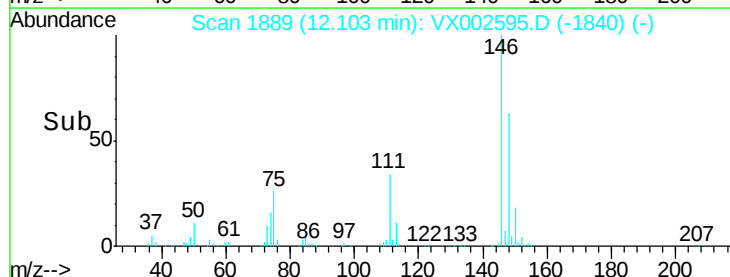
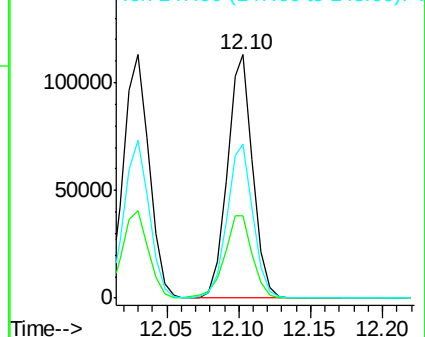
148 64.5 32.4 97.0

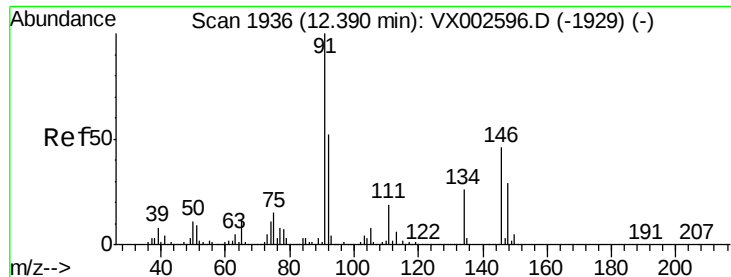


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.490 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002595.D

Acq: 15 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

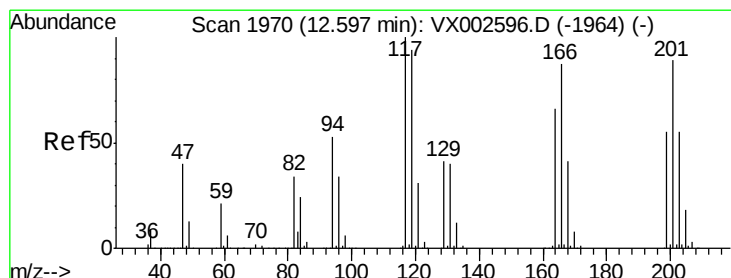
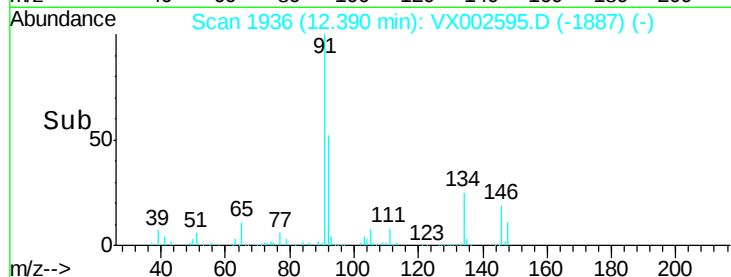
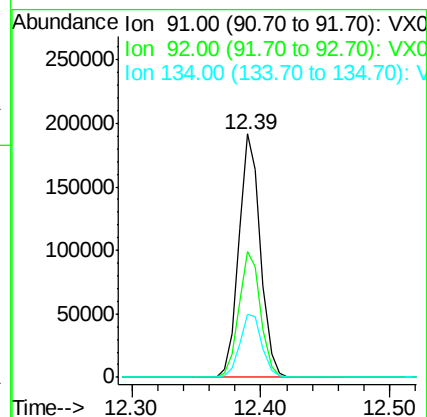
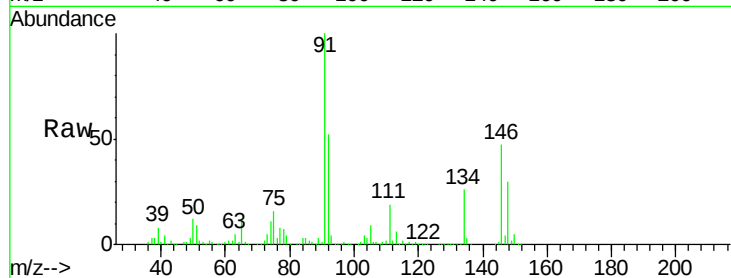
Tgt Ion: 91 Resp: 223092

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 16.821 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX002595.D

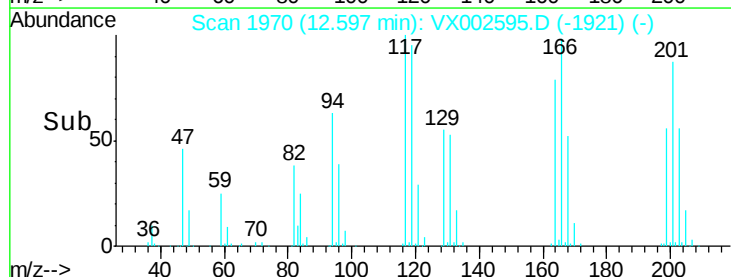
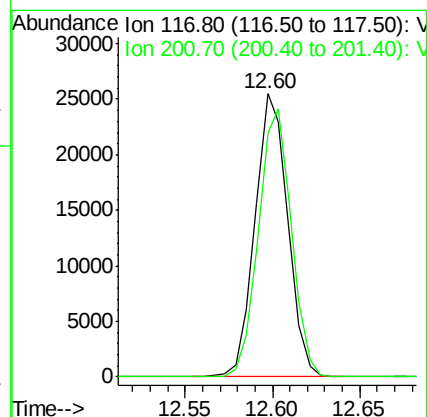
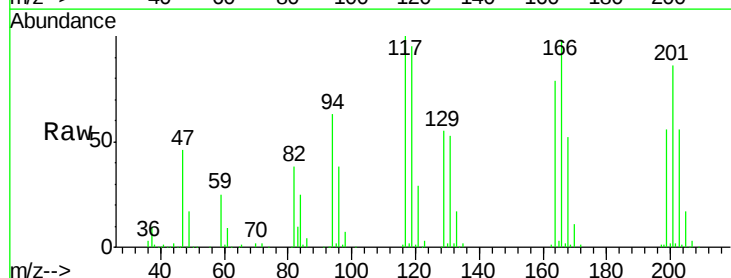
Acq: 15 Jun 2018 12:28

Tgt Ion: 117 Resp: 33237

Ion Ratio Lower Upper

117 100

201 95.4 49.0 147.0

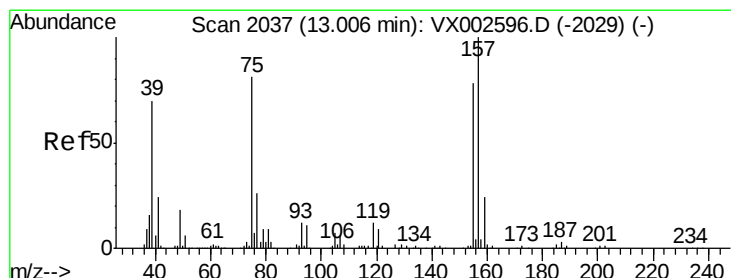
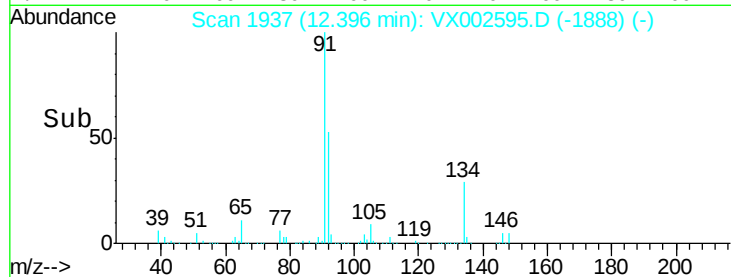
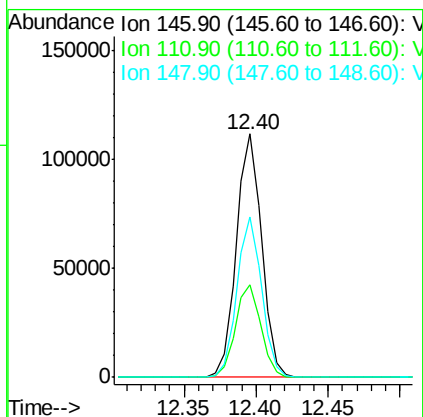
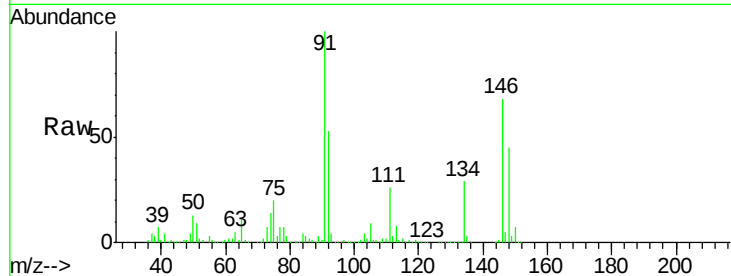




#91
 1,2-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

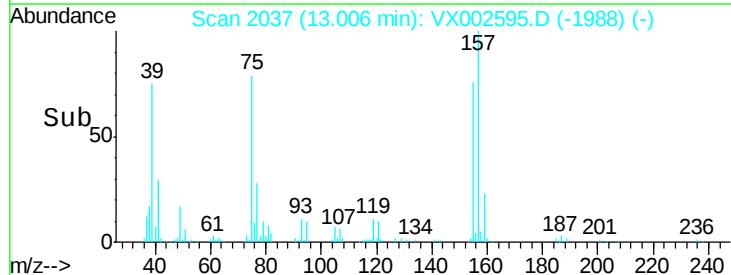
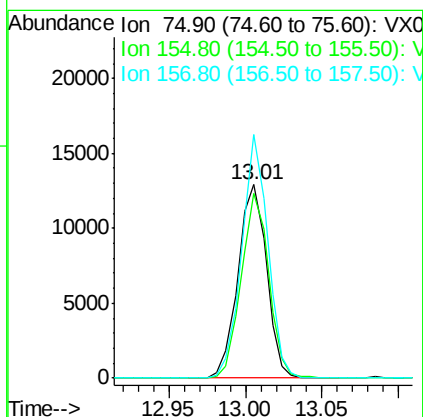
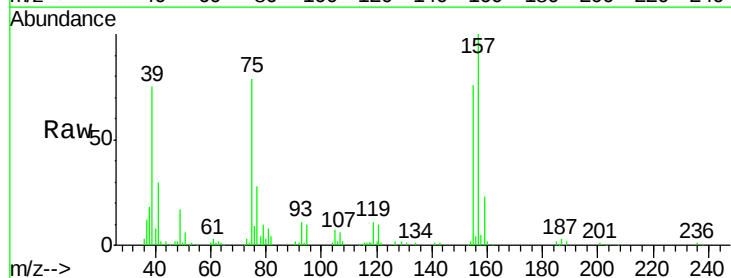
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

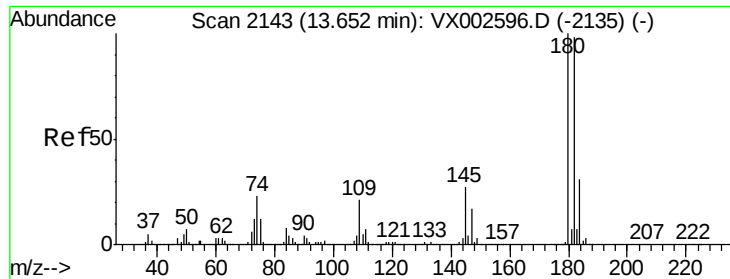
Tgt Ion: 146 Resp: 137065
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.542 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion: 75 Resp: 16744
 Ion Ratio Lower Upper
 75 100
 155 91.6 45.8 137.4
 157 114.7 60.1 180.3

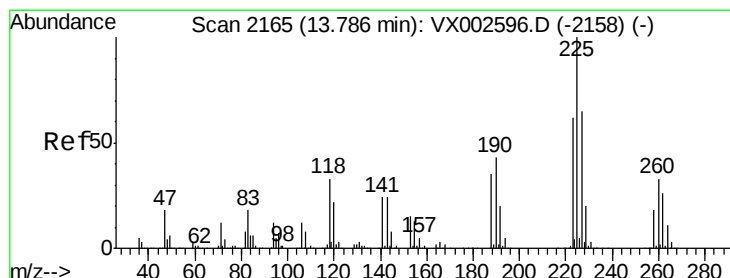
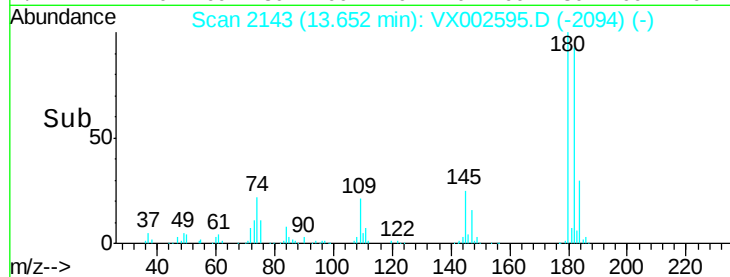
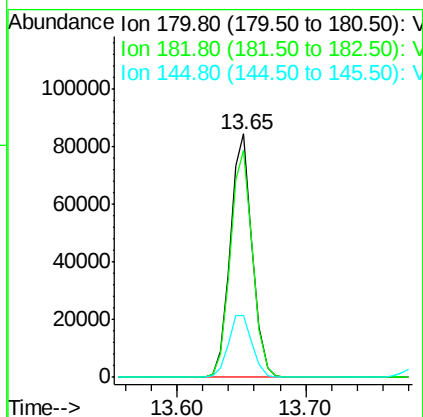
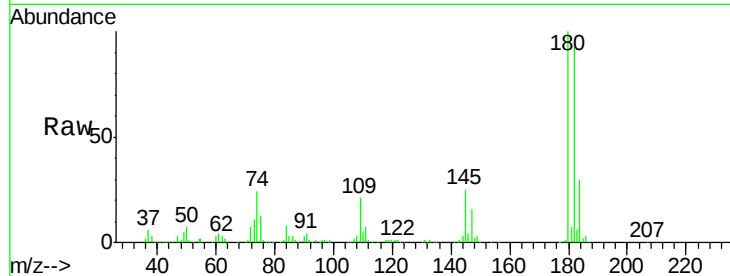




#93
 1,2,4-Trichlorobenzene
 Concen: 19.833 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

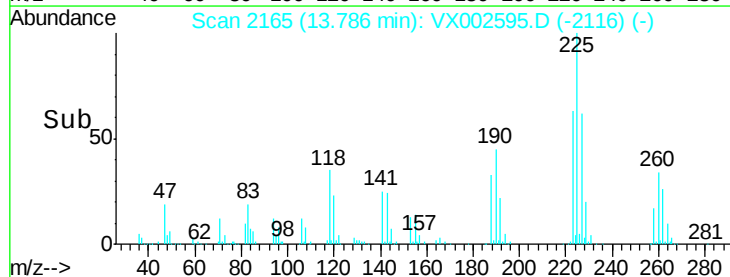
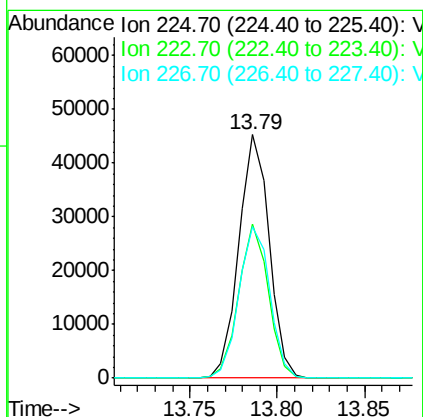
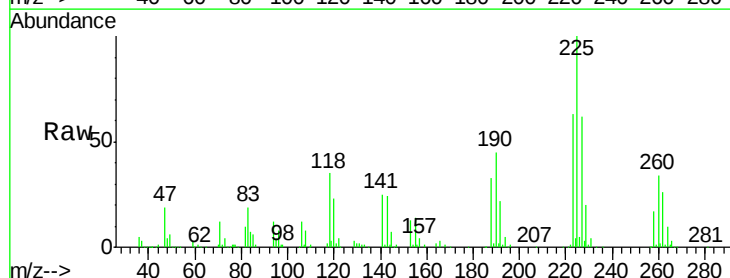
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion:180 Resp: 100240
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 21.811 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002595.D
 Acq: 15 Jun 2018 12:28

Tgt Ion:225 Resp: 54472
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.6 95.0
 227 63.8 32.4 97.2

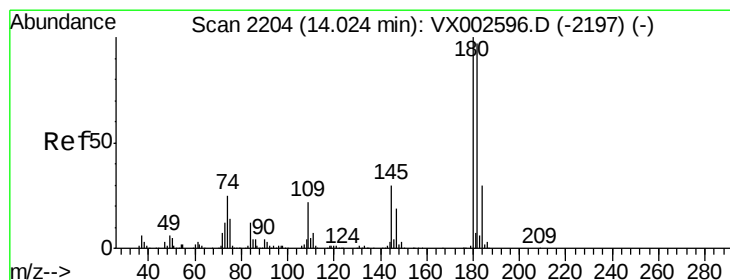
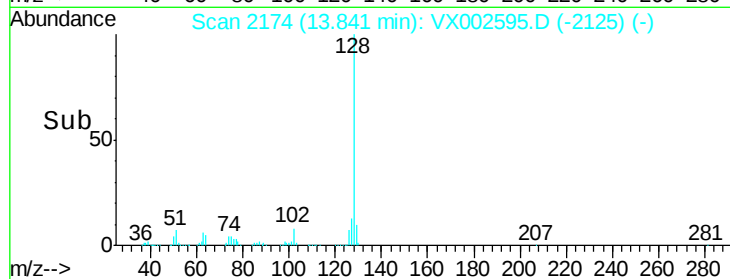
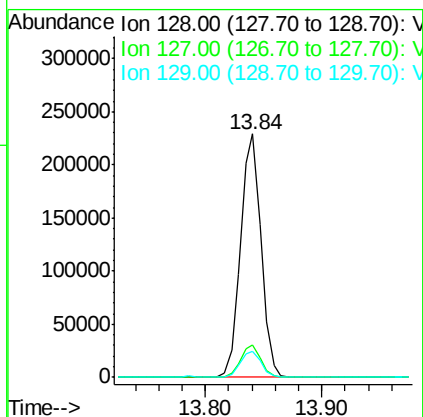
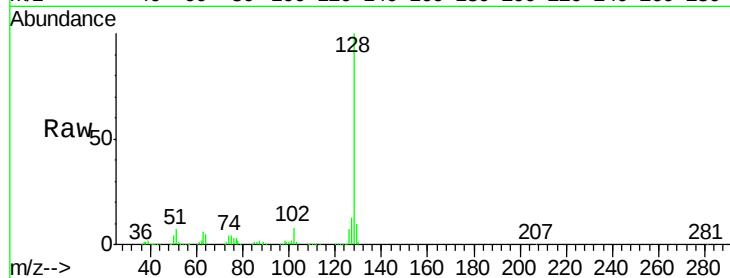




#95
Naphthalene
Concen: 19.368 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 281257
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.754 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002595.D
Acq: 15 Jun 2018 12:28

Tgt Ion:180 Resp: 101823
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 29.6 14.8 44.3

