

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002854.D
 Acq On : 23 Jun 2018 01:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 03:05:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156026	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	
35) Dibromofluoromethane	5.51	113	126411	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.72	98	446886	43.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.16%	
62) 4-Bromofluorobenzene	11.14	95	177818	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	122937	46.77	ug/l	99
3) Chloromethane	1.32	50	120440	38.52	ug/l	99
4) Vinyl Chloride	1.40	62	136767	42.16	ug/l	93
5) Bromomethane	1.64	94	90456	46.21	ug/l	98
6) Chloroethane	1.72	64	93598	43.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	234653	44.52	ug/l	98
8) Diethyl Ether	2.19	74	84572	42.18	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131445	44.61	ug/l	99
10) Methyl Iodide	2.51	142	141819	37.15	ug/l	100
11) Tert butyl alcohol	3.08	59	175931	226.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120215	43.46	ug/l	93
13) Acrolein	2.29	56	66318	183.76	ug/l	100
14) Allyl chloride	2.73	41	232066	42.25	ug/l	99
15) Acrylonitrile	3.15	53	369493	217.71	ug/l	99
16) Acetone	2.45	43	347038	209.08	ug/l	100
17) Carbon Disulfide	2.57	76	306166	46.66	ug/l	100
18) Methyl Acetate	2.78	43	212264	48.00	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	439999	42.40	ug/l	99
20) Methylene Chloride	2.86	84	135214	39.73	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	126987	42.31	ug/l	98
22) Diisopropyl ether	3.88	45	456579	45.95	ug/l	99
23) Vinyl Acetate	3.83	43	1901669	228.64	ug/l	99
24) 1,1-Dichloroethane	3.70	63	240252	44.54	ug/l	99
25) 2-Butanone	4.71	43	527090	241.80	ug/l	99
26) 2,2-Dichloropropane	4.59	77	147376	38.03	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	144192	47.22	ug/l	98
28) Bromochloromethane	5.02	49	108717	43.04	ug/l	94
29) Tetrahydrofuran	5.17	42	340737	238.51	ug/l	98
30) Chloroform	5.22	83	253948	48.83	ug/l	97
31) Cyclohexane	5.58	56	206821	46.57	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	224966	51.72	ug/l	99
36) 1,1-Dichloropropene	5.80	75	180979	49.78	ug/l	100
37) Ethyl Acetate	4.87	43	204251	49.64	ug/l	99
38) Carbon Tetrachloride	5.79	117	201391	55.63	ug/l	98

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Quant Time: Jun 23 03:05:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	211299	49.72	ug/l	97
40) Benzene	6.15	78	533890	48.98	ug/l	99
41) Methacrylonitrile	5.07	41	118528	51.02	ug/l	99
42) 1,2-Dichloroethane	6.20	62	212671	50.39	ug/l	100
43) Isopropyl Acetate	6.47	43	336702	49.39	ug/l	99
44) Trichloroethene	7.21	130	158488	50.37	ug/l	100
45) 1,2-Dichloropropane	7.52	63	140060	48.82	ug/l	99
46) Dibromomethane	7.67	93	98020	51.08	ug/l	98
47) Bromodichloromethane	7.90	83	186705	55.16	ug/l	99
48) Methyl methacrylate	7.78	41	176813	50.75	ug/l	98
49) 1,4-Dioxane	7.76	88	70675	1071.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1107307	252.98	ug/l	98
52) Toluene	8.79	92	348471	50.12	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	208009	46.60	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	195538	46.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	144361	51.38	ug/l	98
56) Ethyl methacrylate	9.18	69	221307	51.18	ug/l	97
57) 1,3-Dichloropropane	9.38	76	238014	50.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	405038	193.68	ug/l	99
59) 2-Hexanone	9.50	43	850128	257.74	ug/l	98
60) Dibromochloromethane	9.59	129	154256	48.90	ug/l	99
61) 1,2-Dibromoethane	9.68	107	151680	52.13	ug/l	99
64) Tetrachloroethene	9.34	164	179405	49.51	ug/l	97
65) Chlorobenzene	10.14	112	410558	51.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150752	55.16	ug/l	99
67) Ethyl Benzene	10.26	91	692927	51.24	ug/l	99
68) m/p-Xylenes	10.36	106	535232	102.61	ug/l	100
69) o-Xylene	10.70	106	262347	51.19	ug/l	98
70) Styrene	10.71	104	440492	52.26	ug/l	100
71) Bromoform	10.86	173	121256	48.85	ug/l	99
73) Isopropylbenzene	11.02	105	719939	51.51	ug/l	100
74) N-amyl acetate	6.47	43	336702	48.49	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	219952	53.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	243939	61.86	ug/l	80
77) Bromobenzene	11.26	156	197561	50.74	ug/l	98
78) n-propylbenzene	11.37	91	817815	51.02	ug/l	99
79) 2-Chlorotoluene	11.43	91	484510	50.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	611083	51.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50973	42.09	ug/l	96
82) 4-Chlorotoluene	11.51	91	573994	50.83	ug/l	99
83) tert-Butylbenzene	11.77	119	599218	52.66	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	626411	51.98	ug/l	99
85) sec-Butylbenzene	11.95	105	726235	51.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	653054	51.01	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	363552	50.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	366585	50.46	ug/l	99
89) n-Butylbenzene	12.39	91	558387	49.45	ug/l	100
90) Hexachloroethane	12.60	117	93243	46.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	366755	51.03	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50398	58.30	ug/l	99

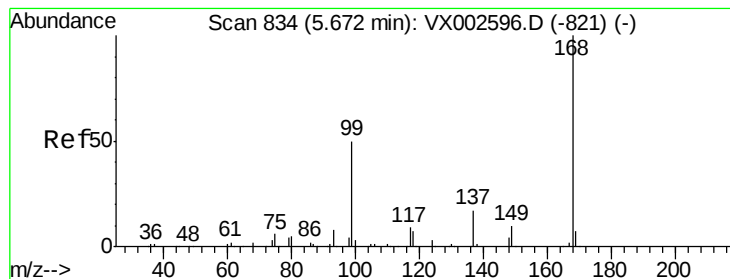
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	270899	51.94	ug/l	99
94) Hexachlorobutadiene	13.79	225	133620	48.63	ug/l	99
95) Naphthalene	13.84	128	767384	54.67	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	276021	52.69	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

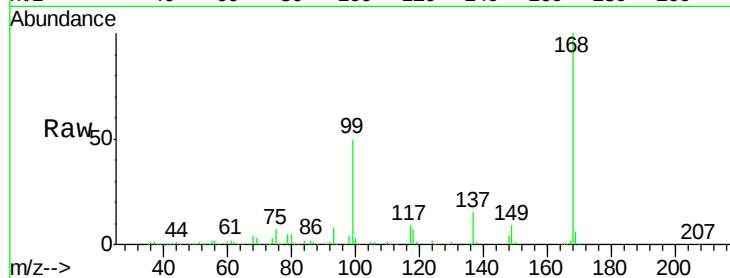
VSTDCCC050EC

Tot Ion:168 Resp: 247576

Ion Ratio Lower Upper

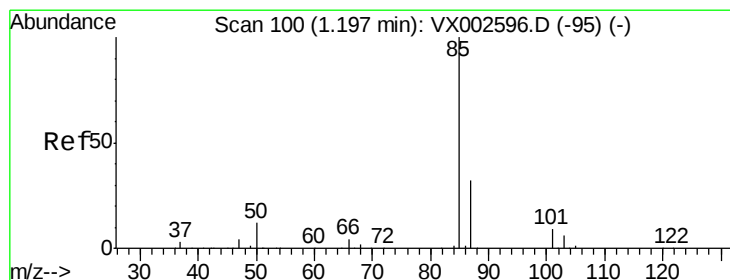
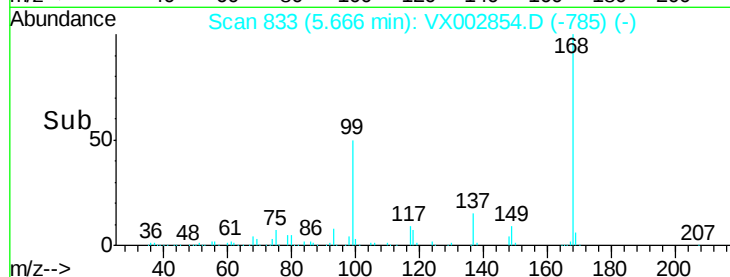
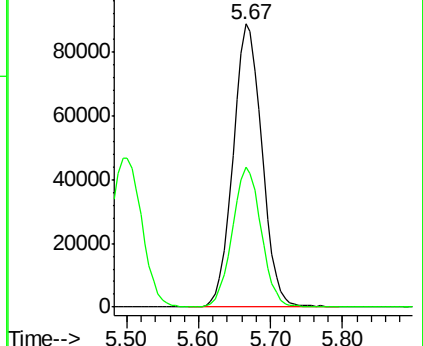
168 100

99 49.4 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: 46.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002854.D

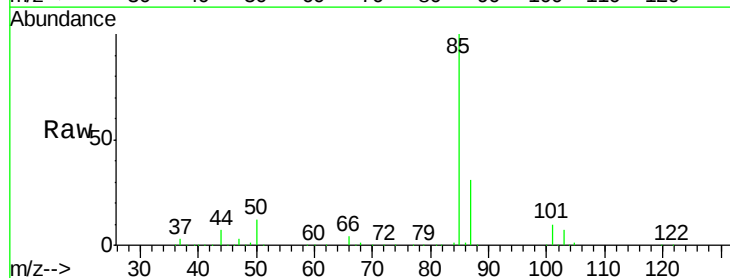
Acq: 23 Jun 2018 01:44

Tgt Ion: 85 Resp: 122937

Ion Ratio Lower Upper

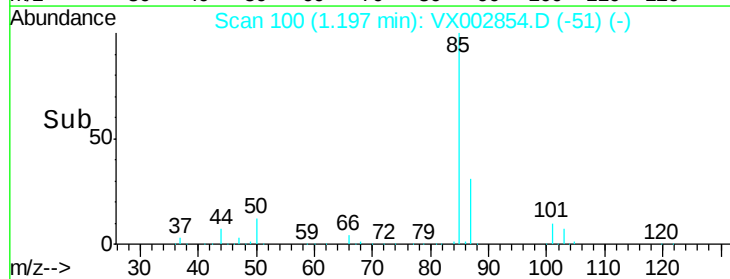
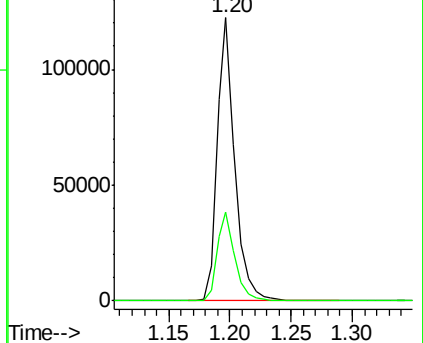
85 100

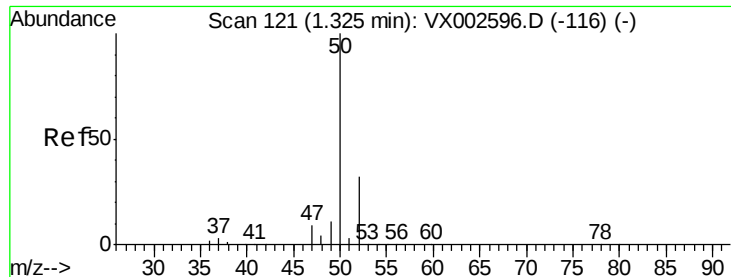
87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.52 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

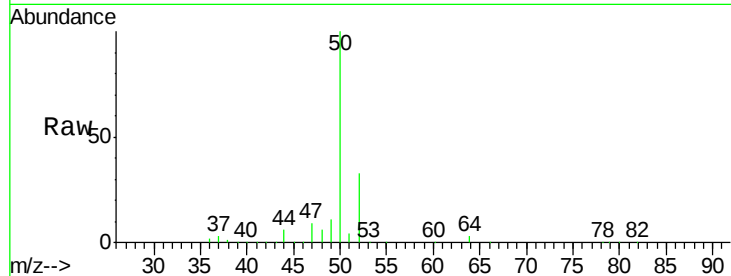
VSTDCCC050EC

Tot Ion: 50 Resp: 120440

Ion Ratio Lower Upper

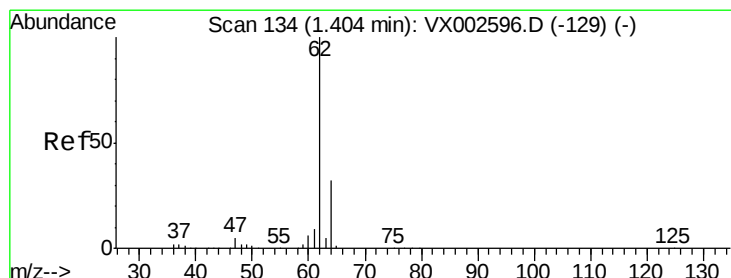
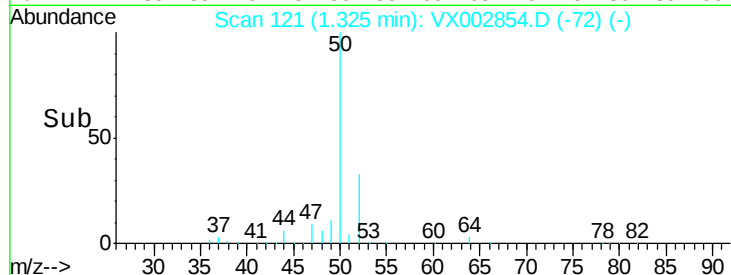
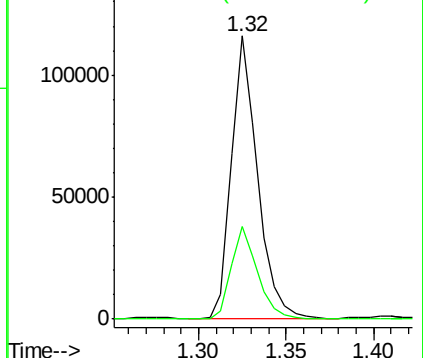
50 100

52 32.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002854.D

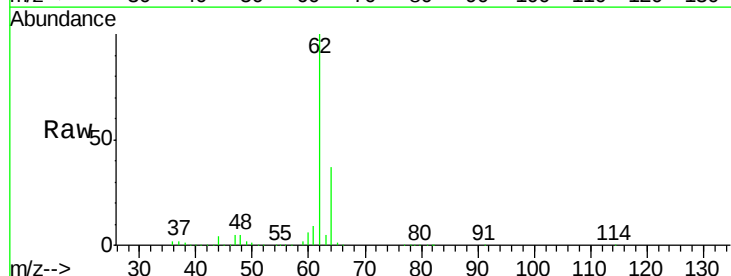
Acq: 23 Jun 2018 01:44

Tgt Ion: 62 Resp: 136767

Ion Ratio Lower Upper

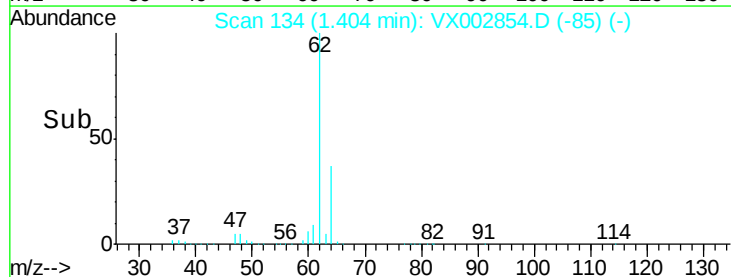
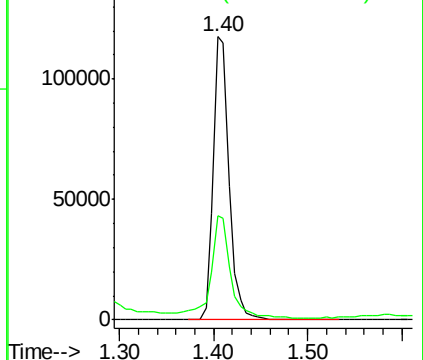
62 100

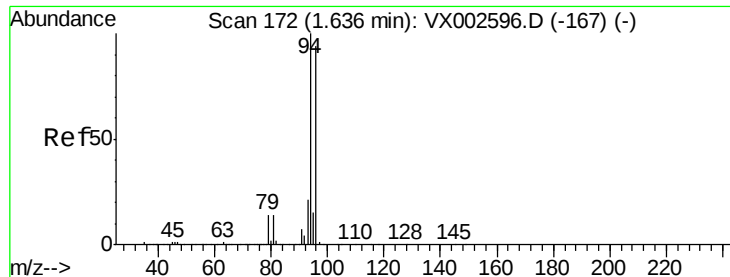
64 35.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.21 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

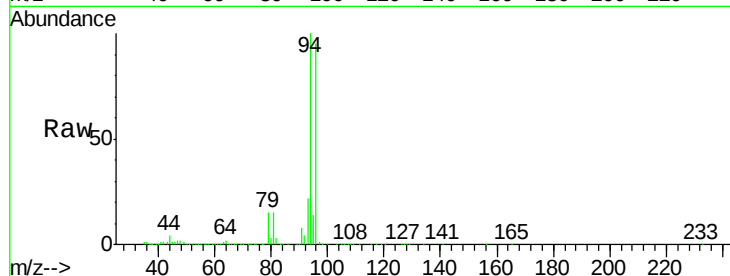
VSTDCCC050EC

Tot Ion: 94 Resp: 90456

Ion Ratio Lower Upper

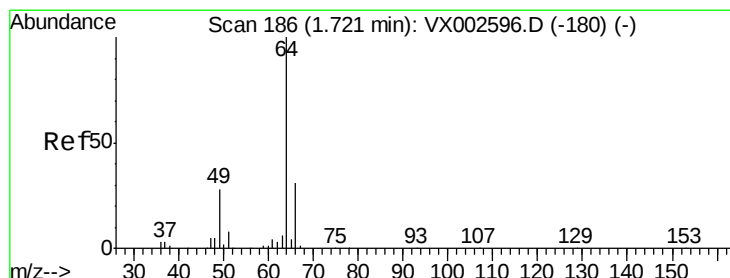
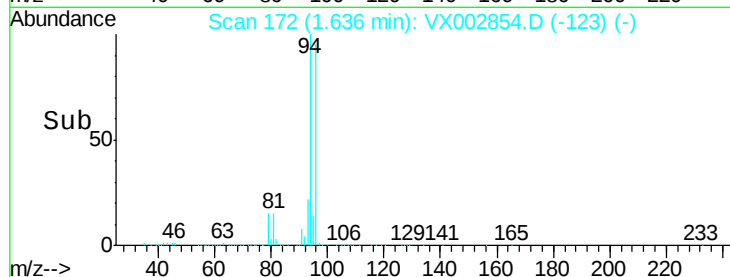
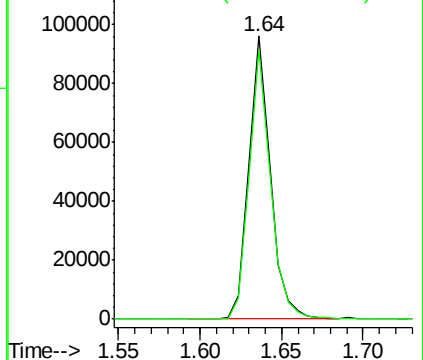
94 100

96 95.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.77 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002854.D

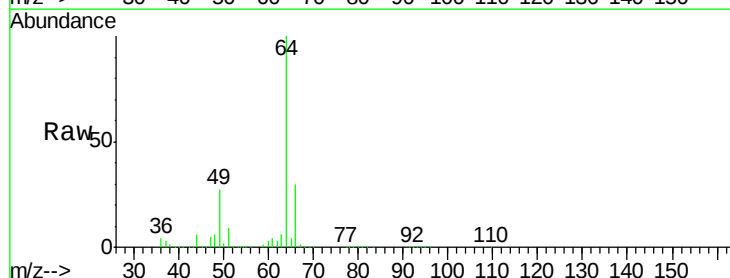
Acq: 23 Jun 2018 01:44

Tgt Ion: 64 Resp: 93598

Ion Ratio Lower Upper

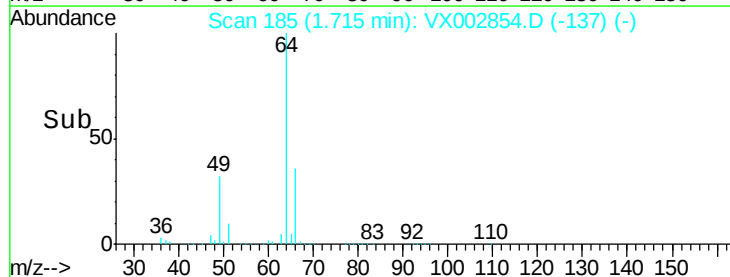
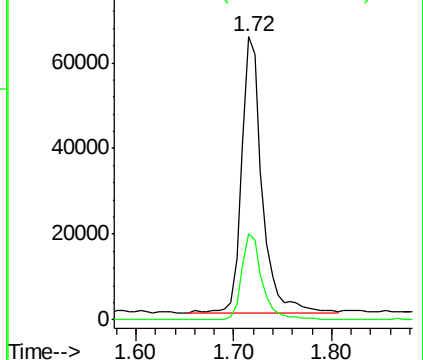
64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



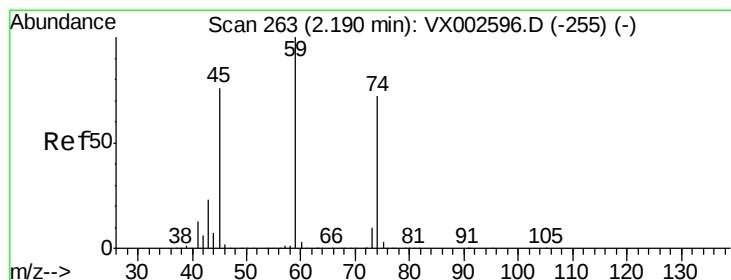
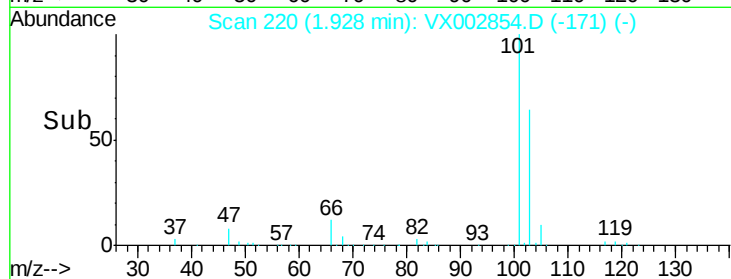
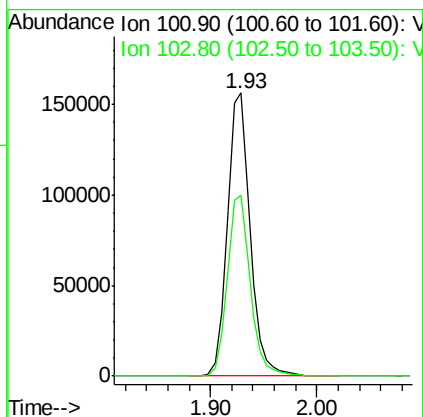
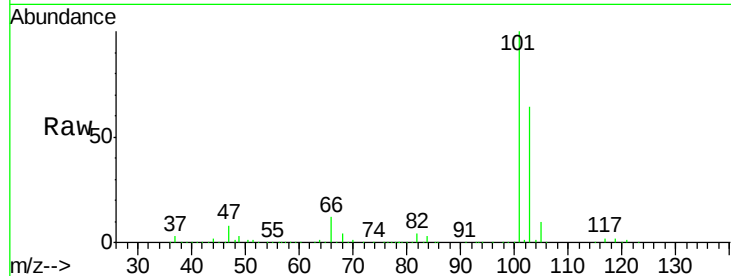


#7

Trichlorofluoromethane
 Concen: 44.52 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

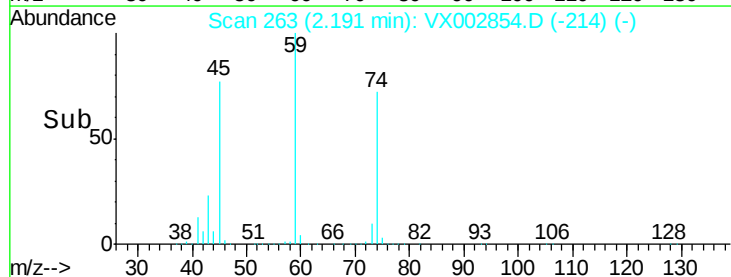
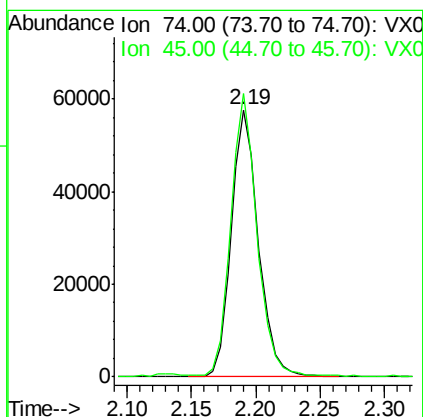
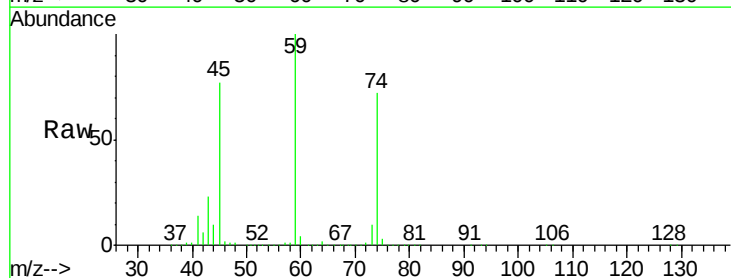
Tot Ion:101 Resp: 234653
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.8 79.2

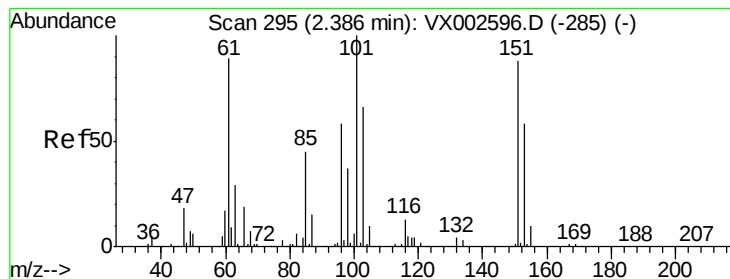


#8

Diethyl Ether
 Concen: 42.18 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 74 Resp: 84572
 Ion Ratio Lower Upper
 74 100
 45 102.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.61 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

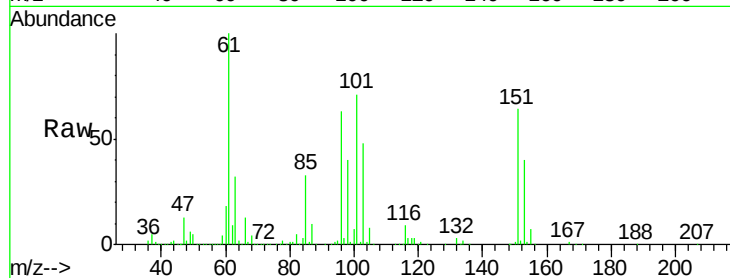
Tot Ion:101 Resp: 131445

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

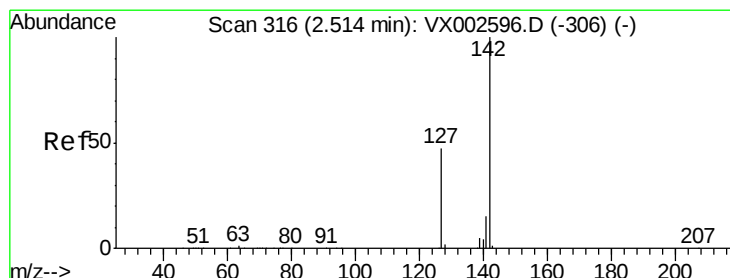
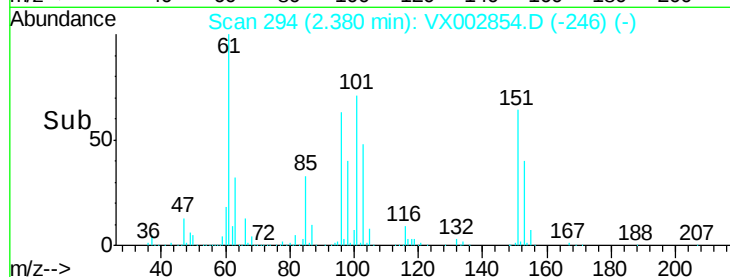
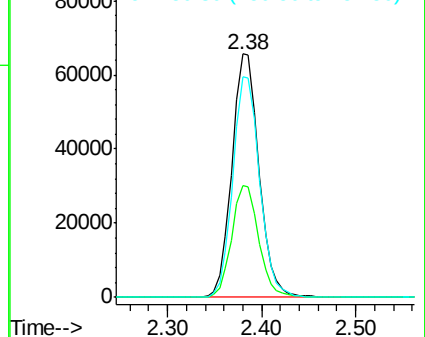
151 90.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.15 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

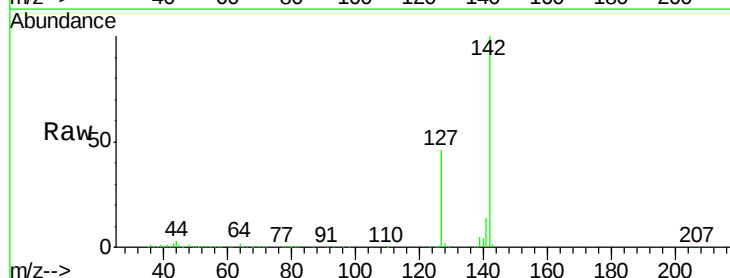
Tgt Ion:142 Resp: 141819

Ion Ratio Lower Upper

142 100

127 45.8 36.6 55.0

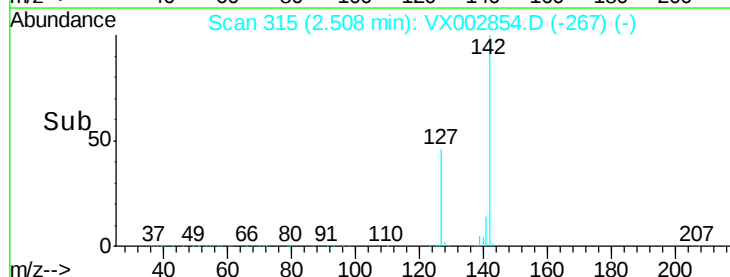
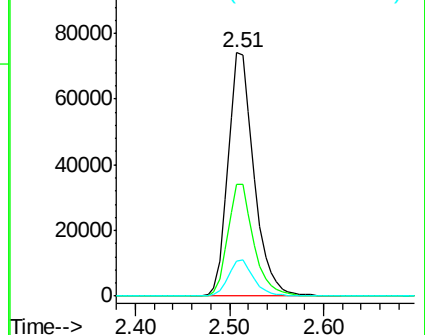
141 14.6 11.3 16.9

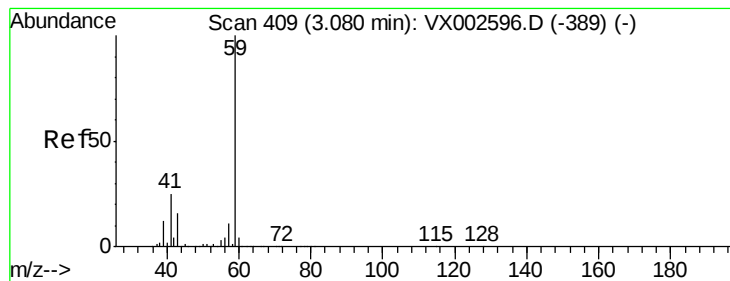


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



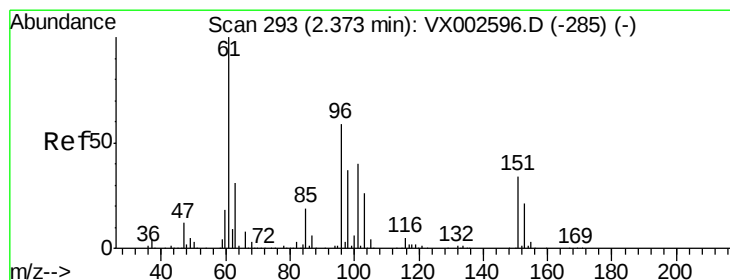
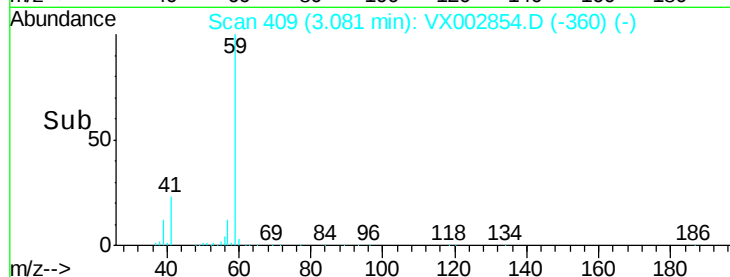
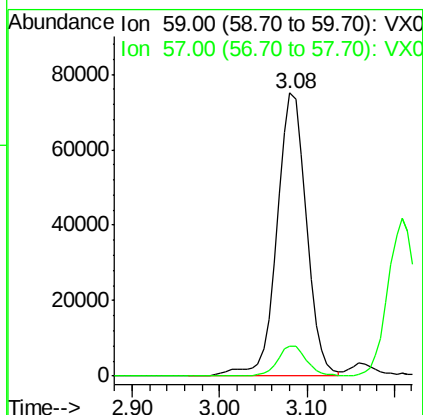
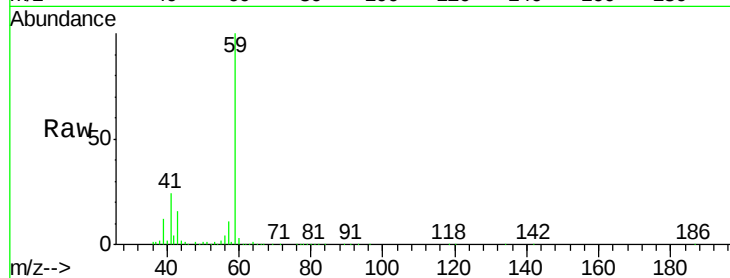


#11

Tert butyl alcohol
 Concen: 226.20 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

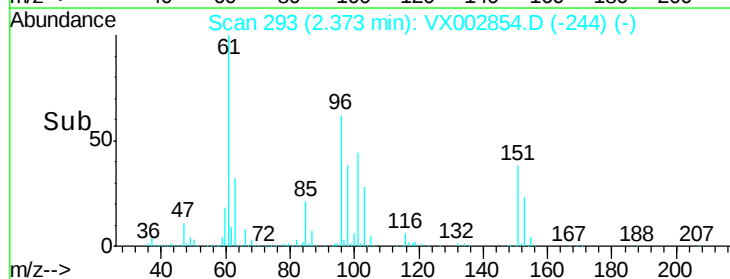
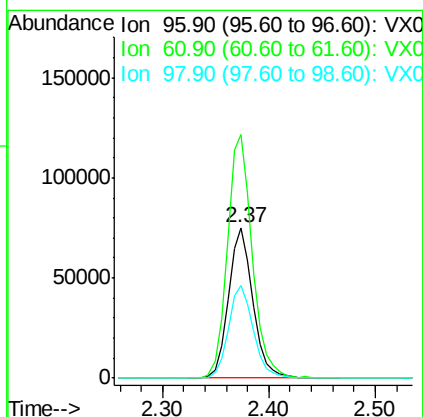
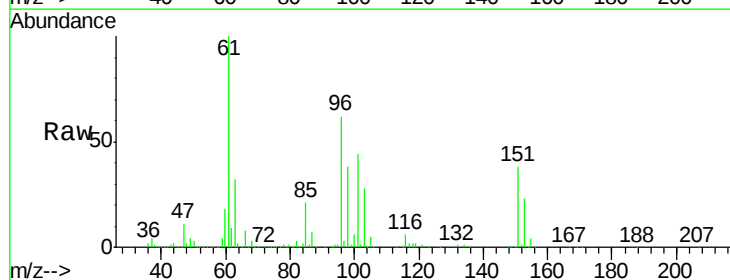
Tot Ion: 59 Resp: 175931
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

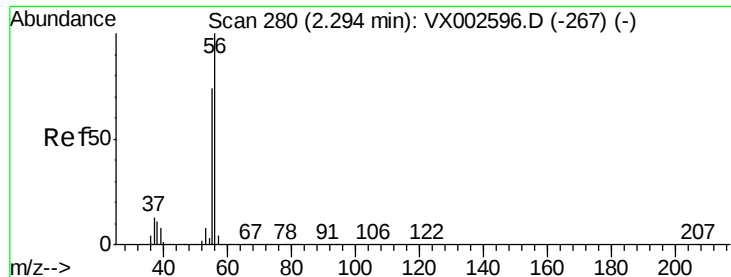


#12

1,1-Dichloroethene
 Concen: 43.46 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 96 Resp: 120215
 Ion Ratio Lower Upper
 96 100
 61 162.0 137.9 206.9
 98 61.3 51.6 77.4





#13

Acrolein

Concen: 183.76 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

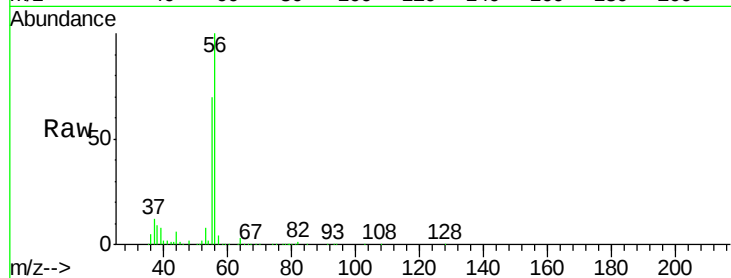
VSTDCCC050EC

Tot Ion: 56 Resp: 66318

Ion Ratio Lower Upper

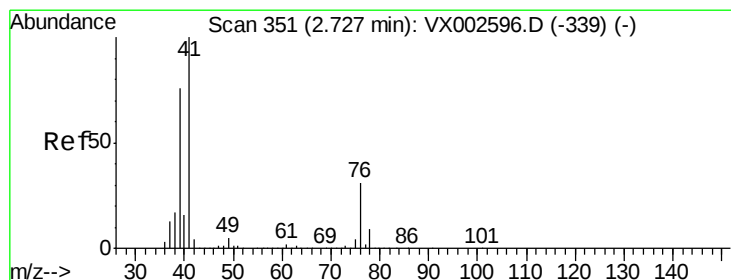
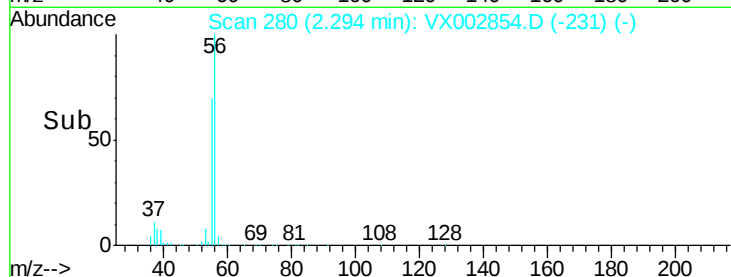
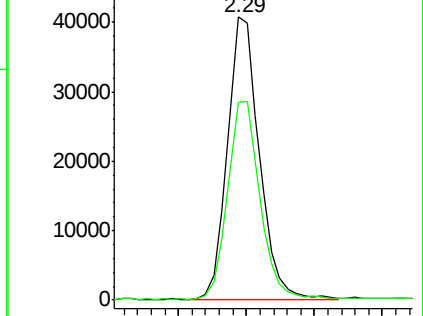
56 100

55 71.0 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: 42.25 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

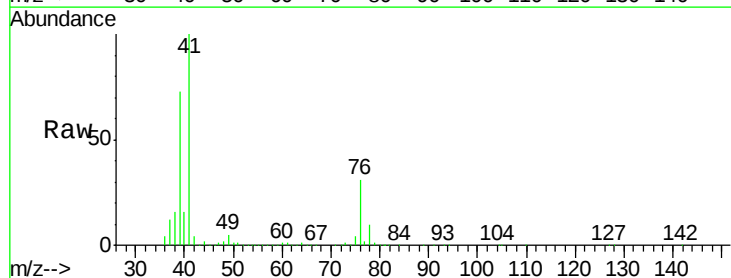
Tgt Ion: 41 Resp: 232066

Ion Ratio Lower Upper

41 100

39 70.3 56.8 85.2

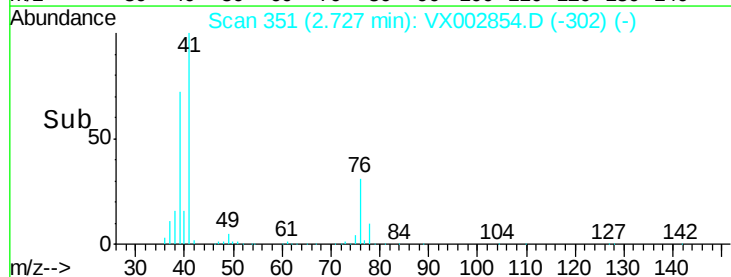
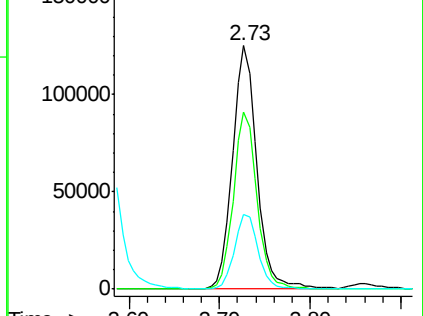
76 29.9 23.8 35.8

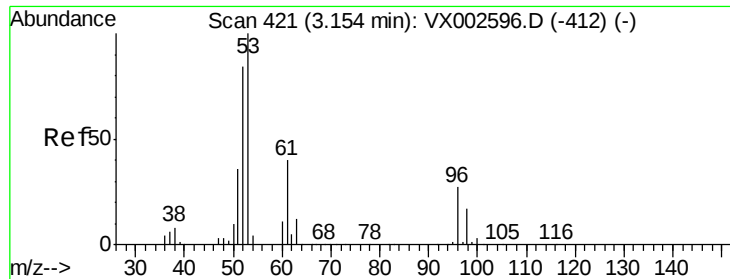


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

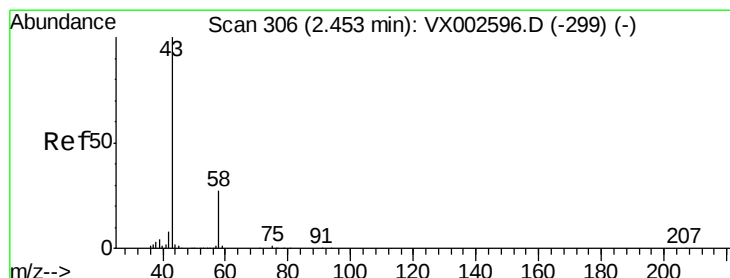
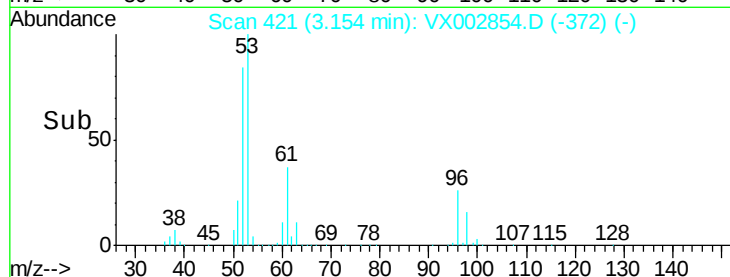
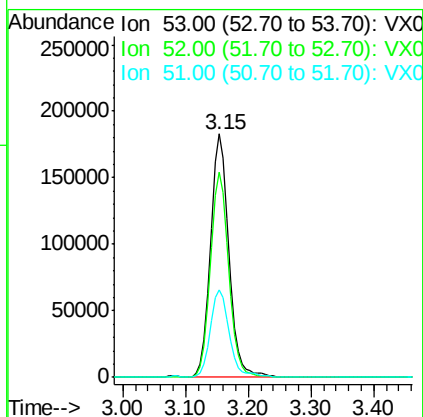
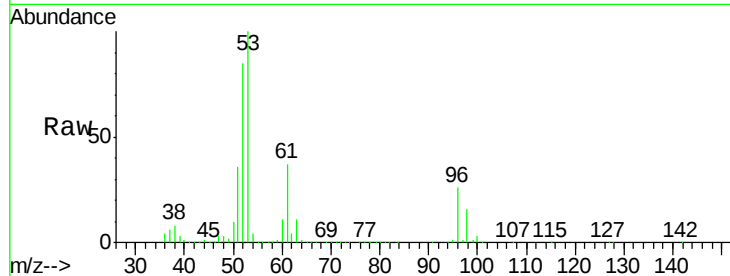




#15
 Acrylonitrile
 Concen: 217.71 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

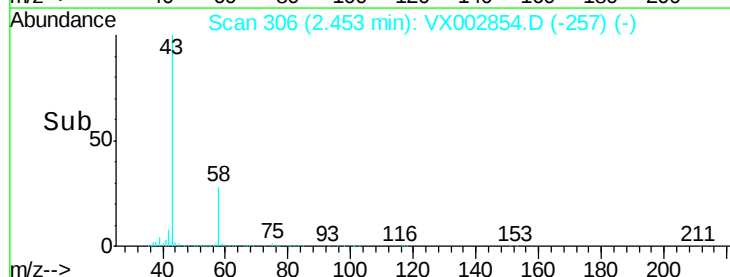
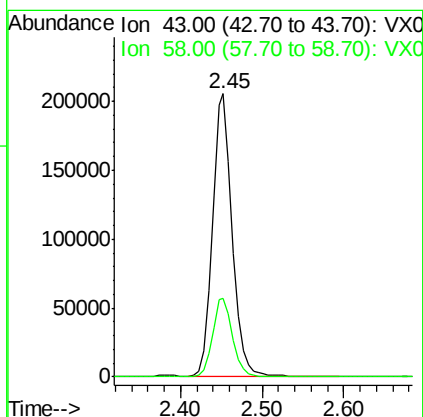
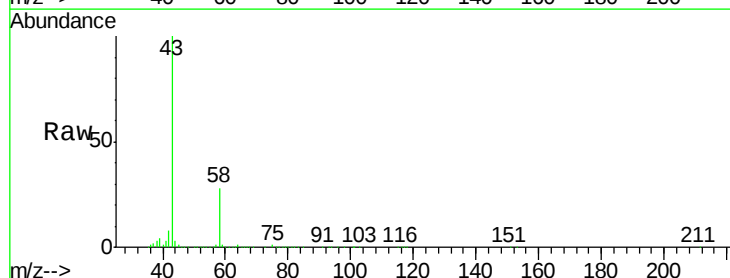
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

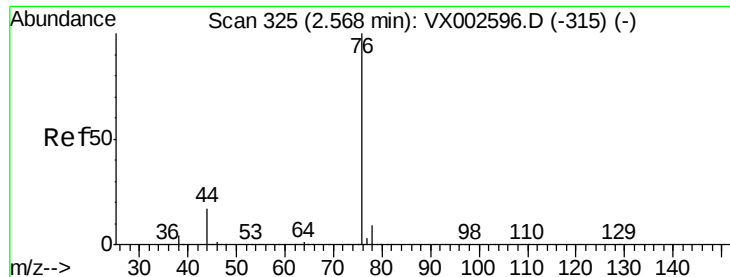
Tot Ion: 53 Resp: 369493
 Ion Ratio Lower Upper
 53 100
 52 84.1 66.7 100.1
 51 37.2 29.9 44.9



#16
 Acetone
 Concen: 209.08 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 43 Resp: 347038
 Ion Ratio Lower Upper
 43 100
 58 27.6 22.1 33.1

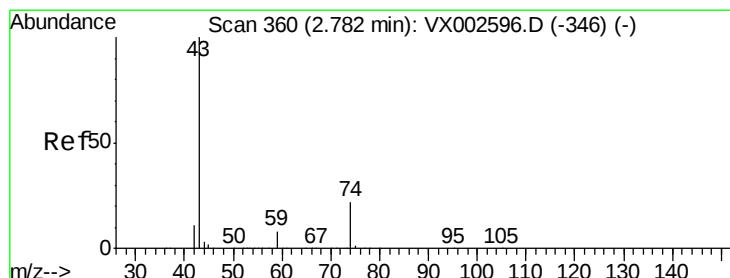
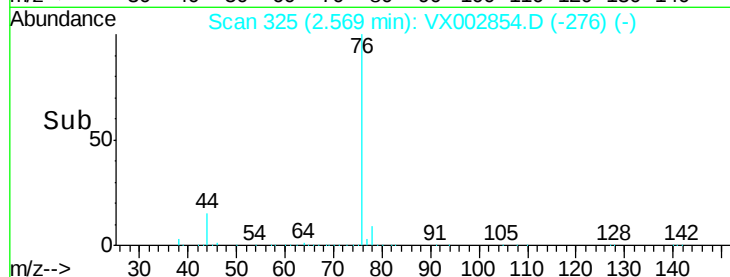
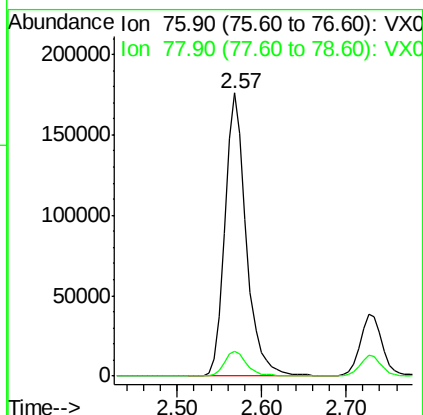
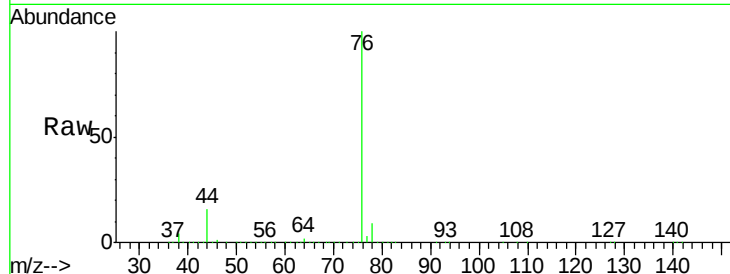




#17
Carbon Disulfide
Concen: 46.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

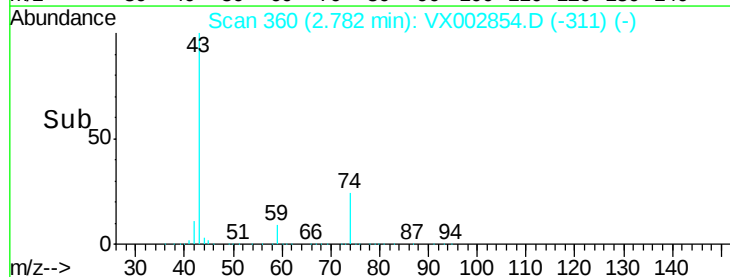
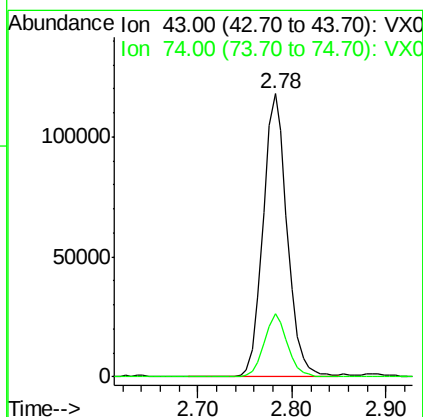
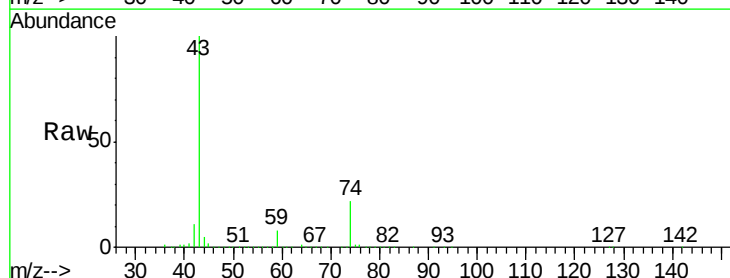
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

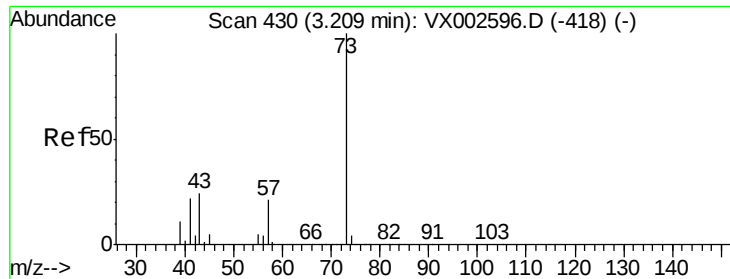
Tot Ion: 76 Resp: 306166
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 48.00 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 43 Resp: 212264
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

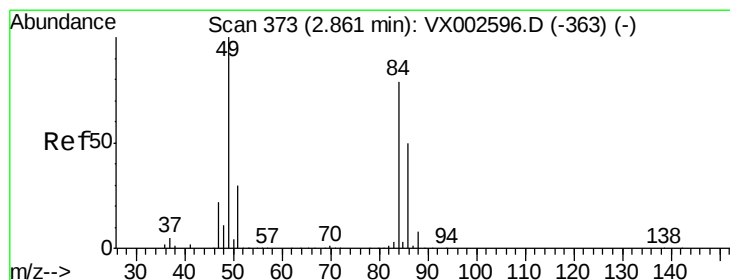
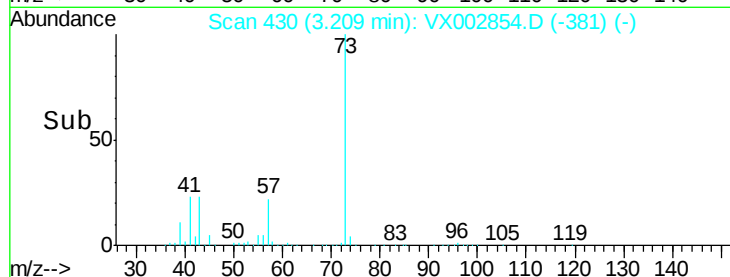
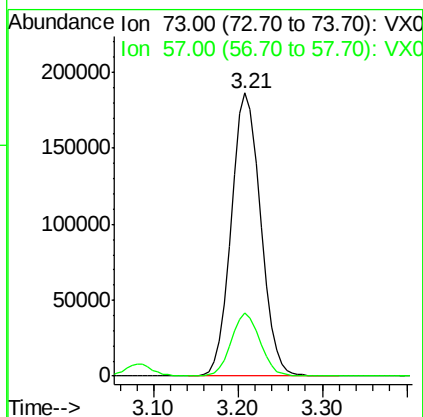
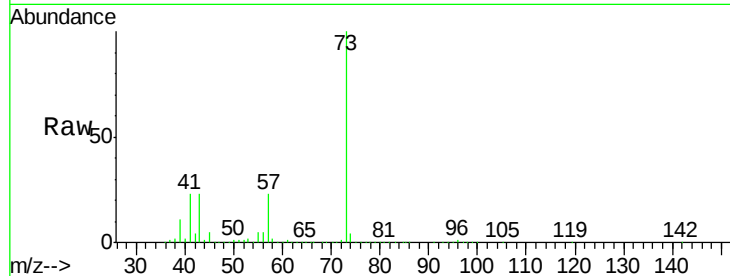




#19
Methyl tert-butyl Ether
Concen: 42.40 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

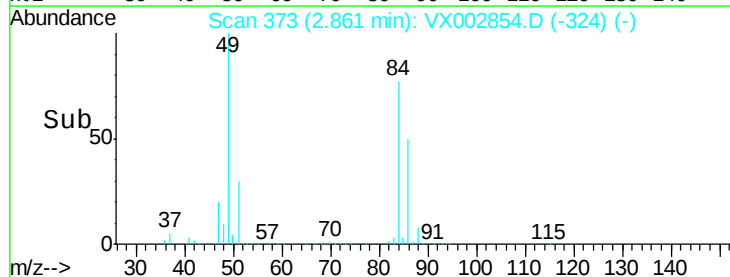
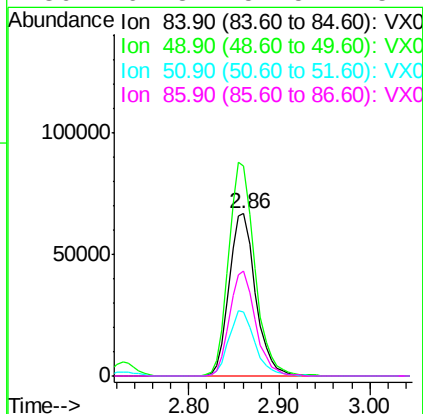
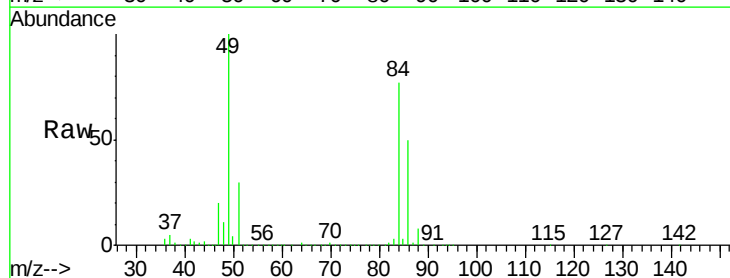
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

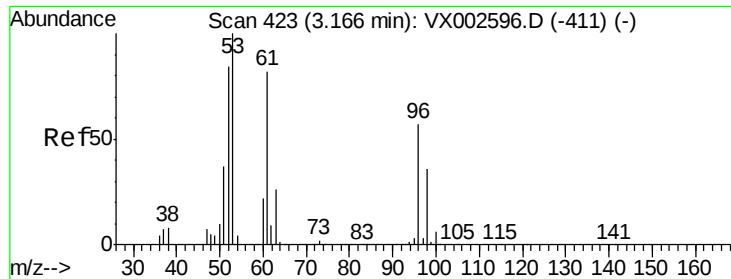
Tot Ion: 73 Resp: 439999
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 39.73 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 84 Resp: 135214
Ion Ratio Lower Upper
84 100
49 129.4 107.8 161.6
51 39.0 32.8 49.2
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.31 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

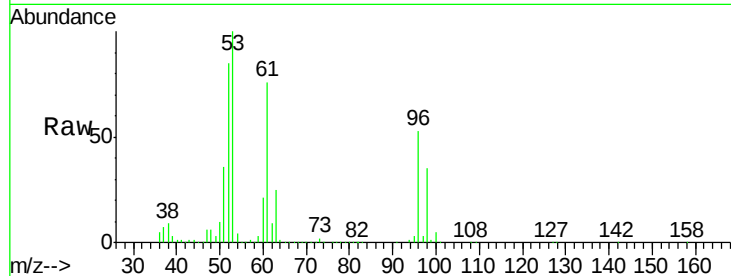
Tot Ion: 96 Resp: 126987

Ion Ratio Lower Upper

96 100

61 142.6 117.0 175.4

98 65.6 52.4 78.6

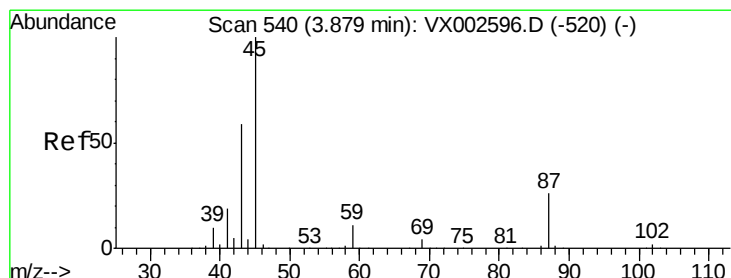
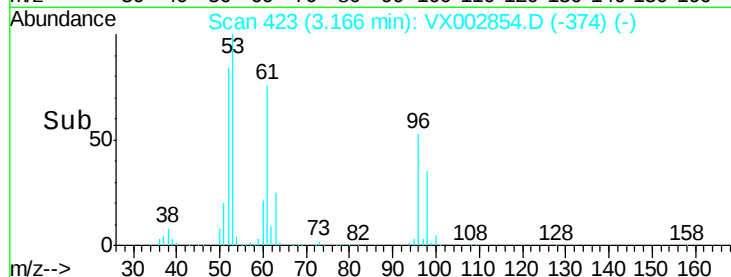
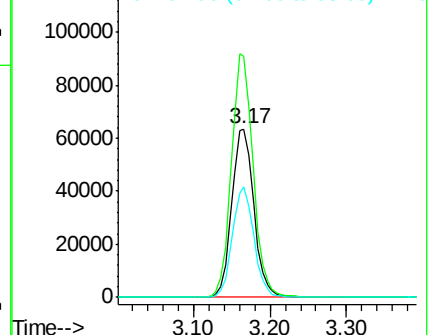


Abundance

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: 45.95 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Tgt Ion: 45 Resp: 456579

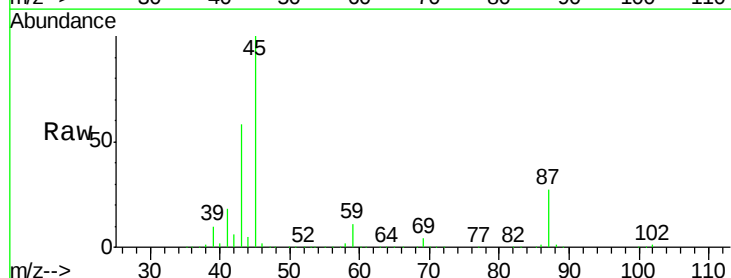
Ion Ratio Lower Upper

45 100

43 57.9 46.8 70.2

87 26.7 20.2 30.4

59 11.2 8.7 13.1



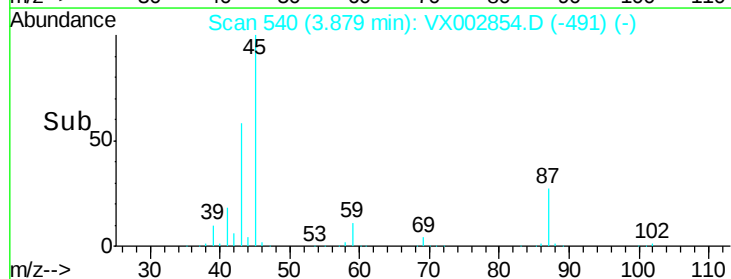
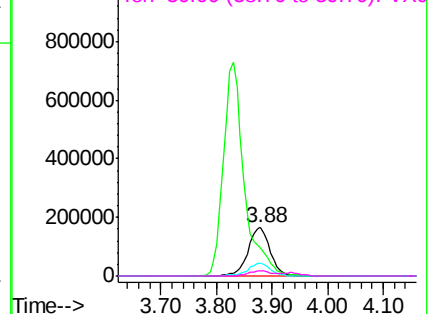
Abundance

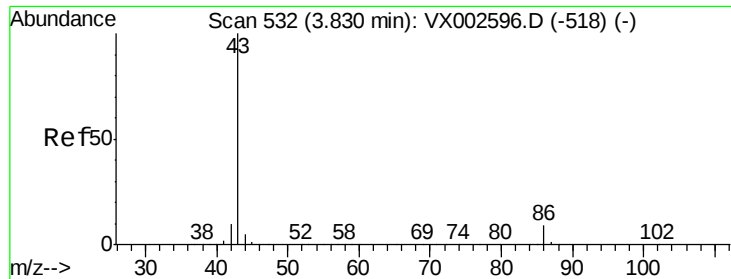
Ion 45.00 (44.70 to 45.70): VX0

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: 228.64 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

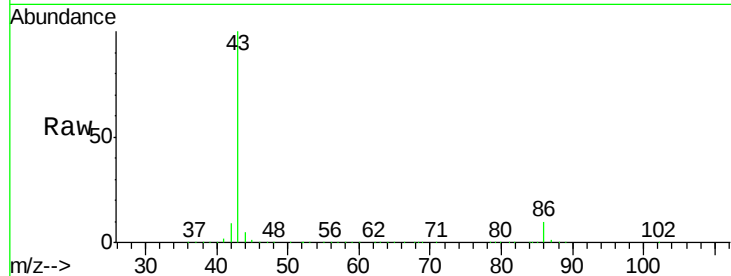
VSTDCCC050EC

Tot Ion: 43 Resp: 1901669

Ion Ratio Lower Upper

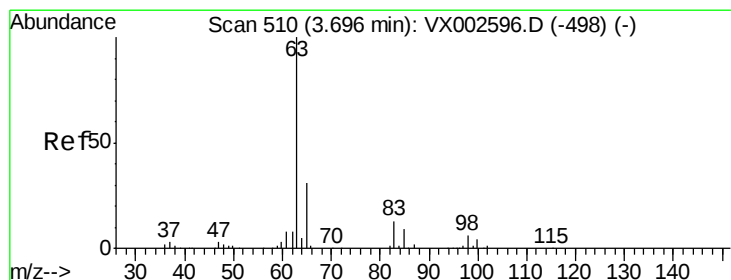
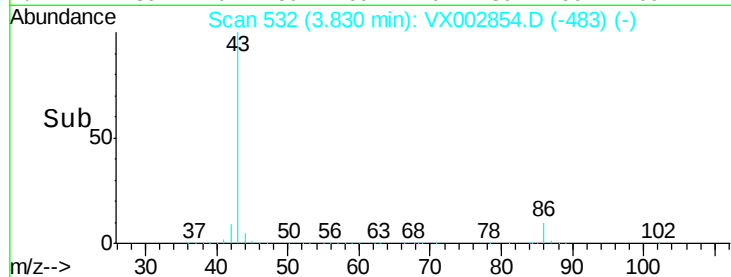
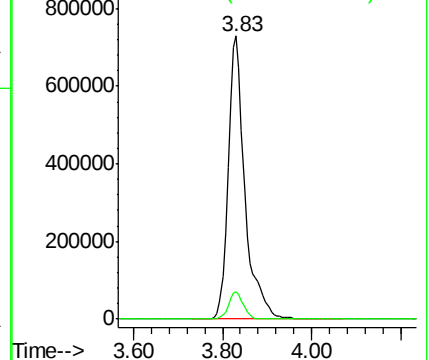
43 100

86 9.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.54 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

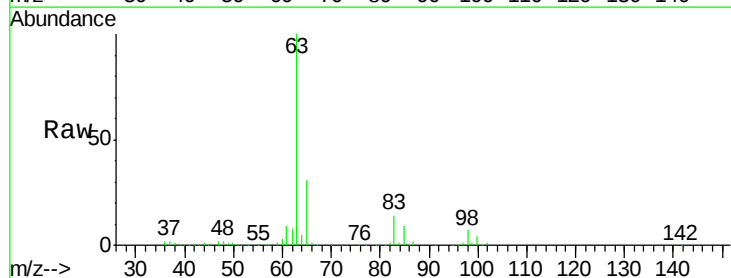
Tgt Ion: 63 Resp: 240252

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

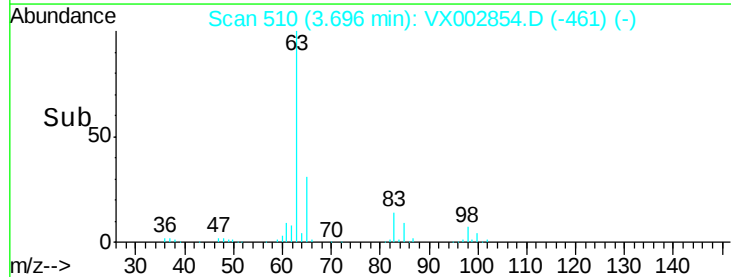
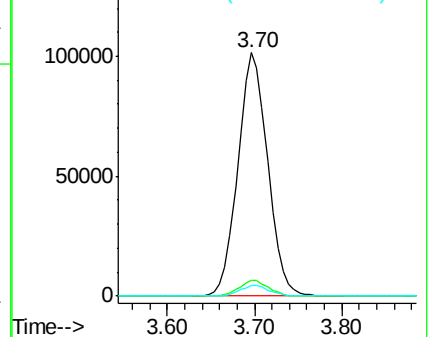
100 4.2 2.0 6.0

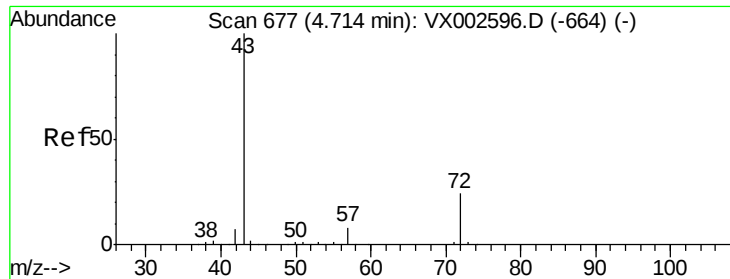


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.80 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

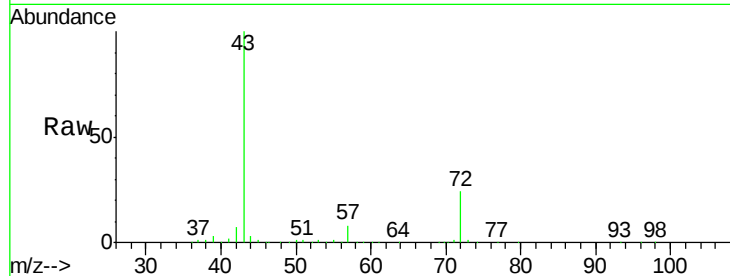
VSTDCCC050EC

Tot Ion: 43 Resp: 527090

Ion Ratio Lower Upper

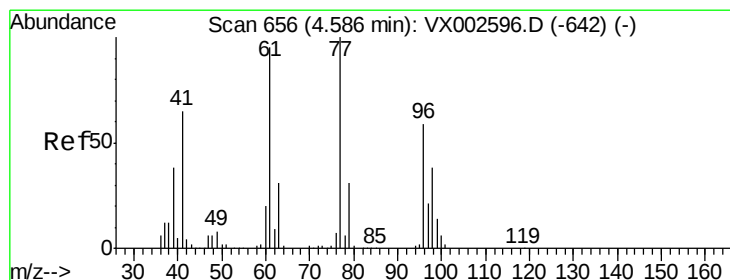
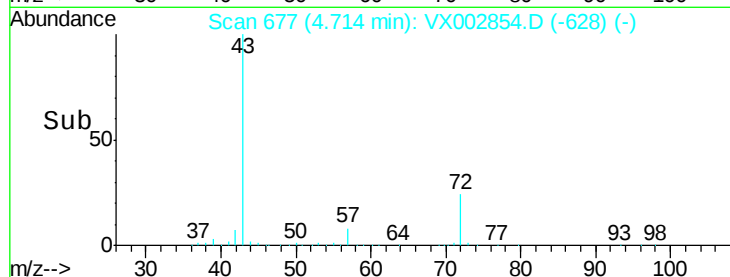
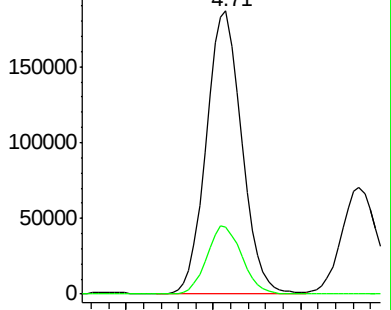
43 100

72 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.03 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002854.D

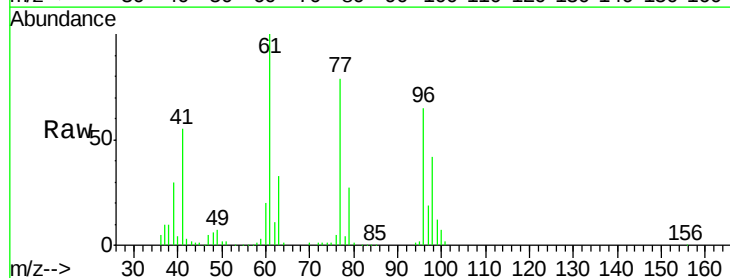
Acq: 23 Jun 2018 01:44

Tgt Ion: 77 Resp: 147376

Ion Ratio Lower Upper

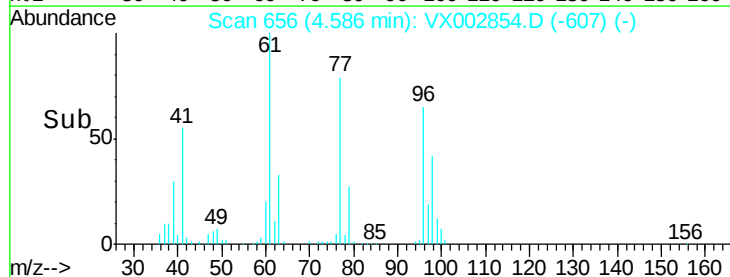
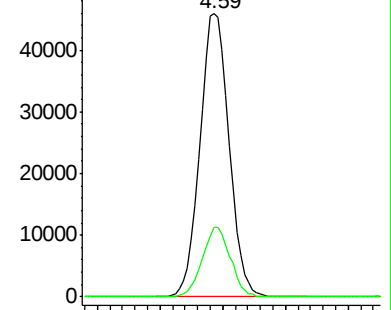
77 100

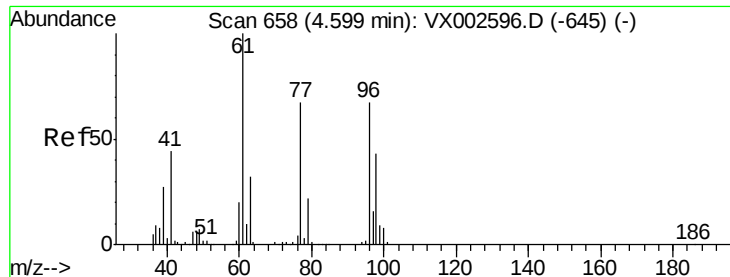
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 47.22 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

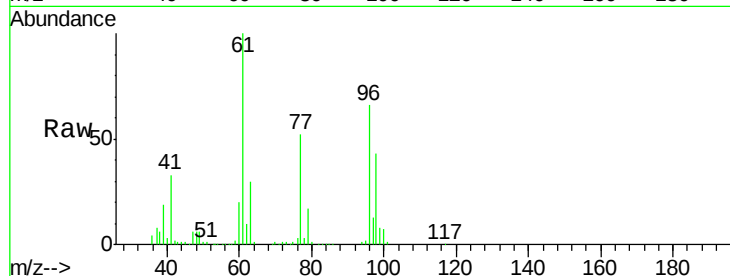
Tot Ion: 96 Resp: 144192

Ion Ratio Lower Upper

96 100

61 161.2 0.0 330.2

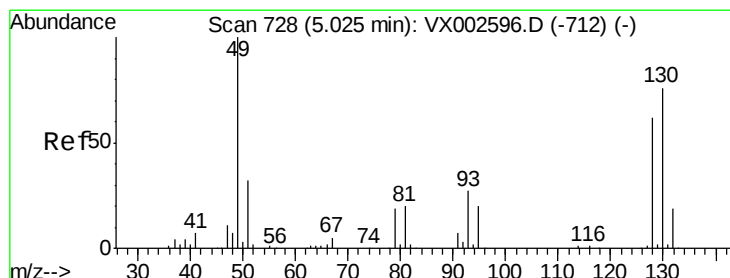
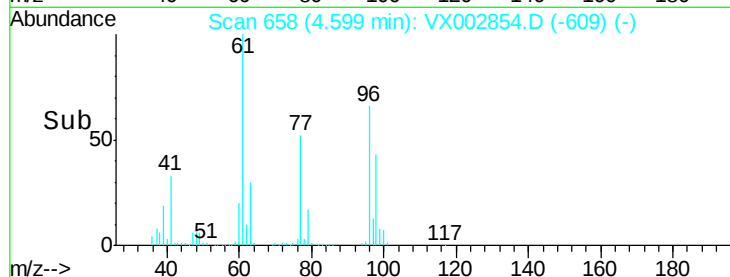
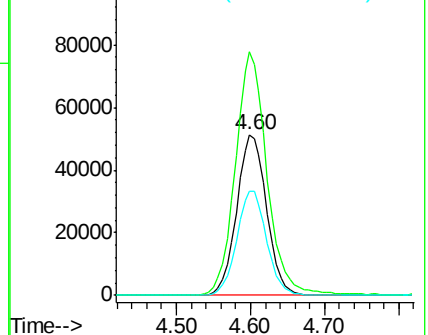
98 64.7 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 43.04 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

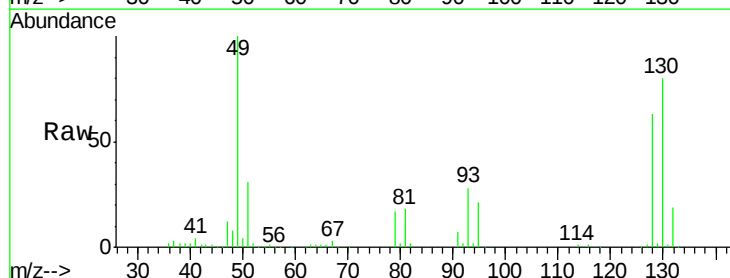
Tgt Ion: 49 Resp: 108717

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

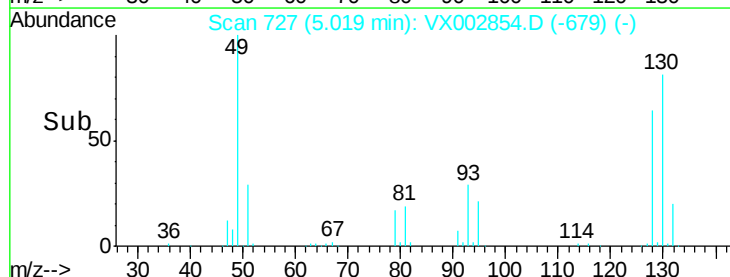
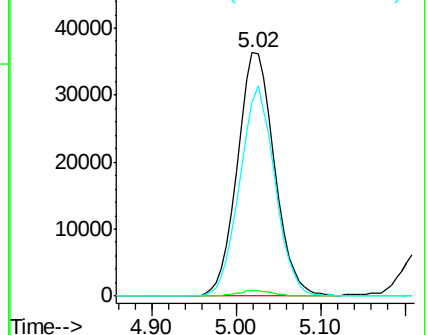
130 81.8 61.2 91.8

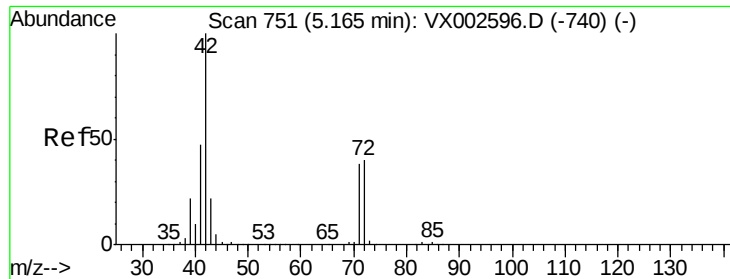


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.51 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

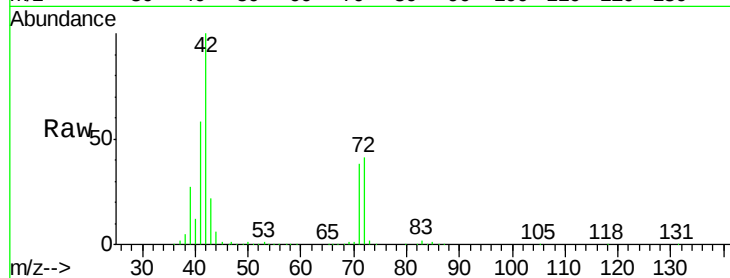
Tot Ion: 42 Resp: 340737

Ion Ratio Lower Upper

42 100

72 41.6 32.0 48.0

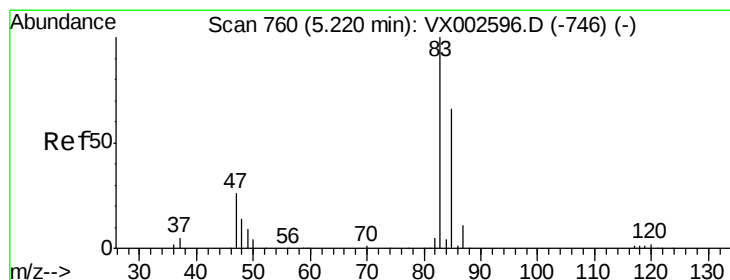
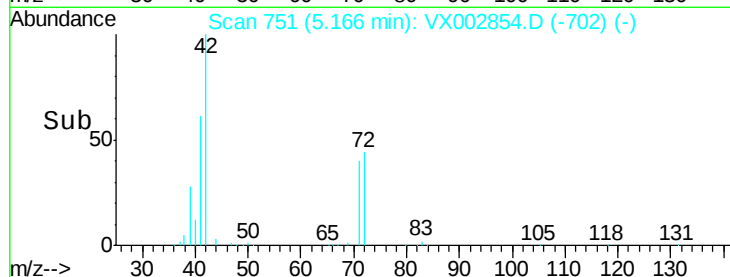
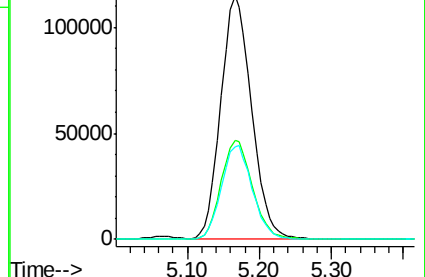
71 38.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.83 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002854.D

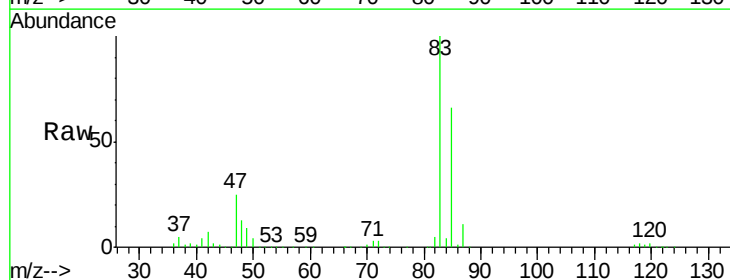
Acq: 23 Jun 2018 01:44

Tgt Ion: 83 Resp: 253948

Ion Ratio Lower Upper

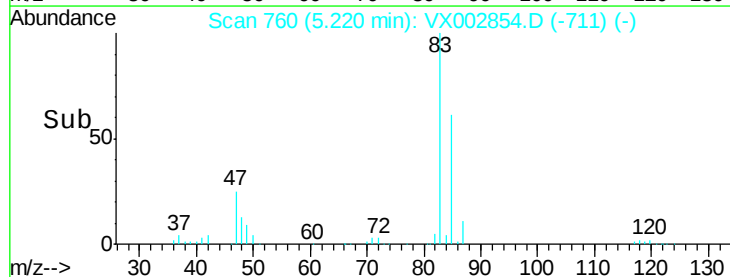
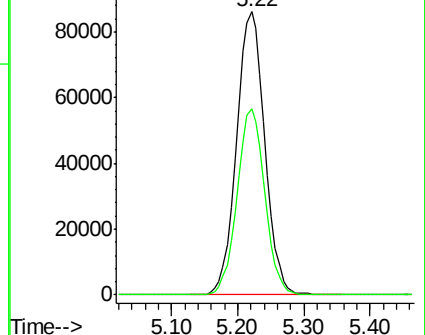
83 100

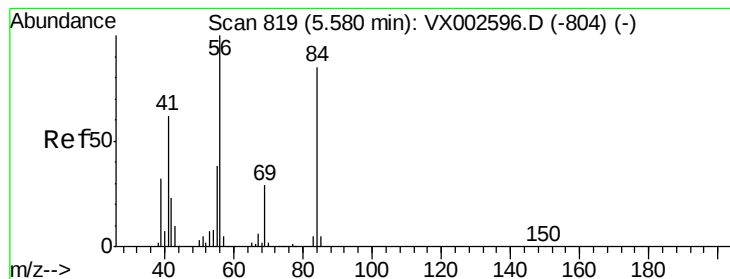
85 65.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.57 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

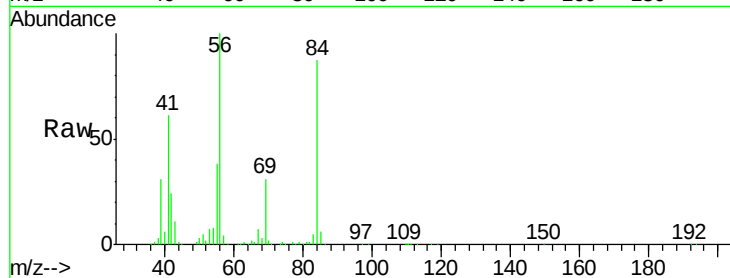
Tot Ion: 56 Resp: 206821

Ion Ratio Lower Upper

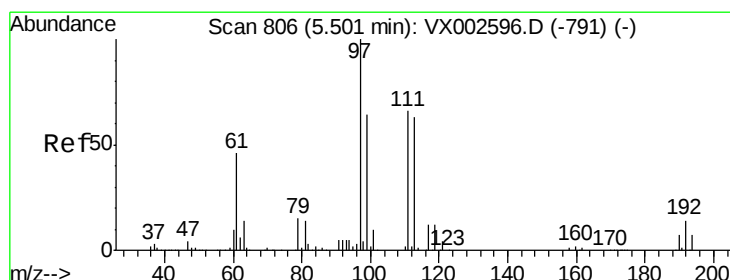
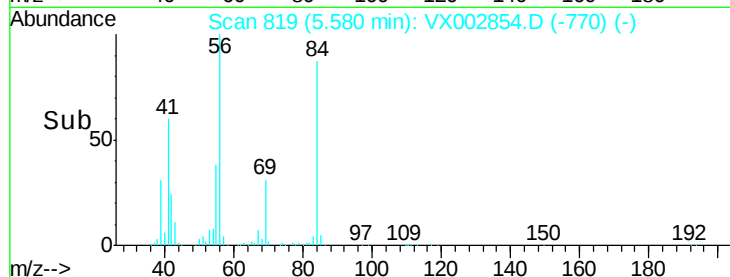
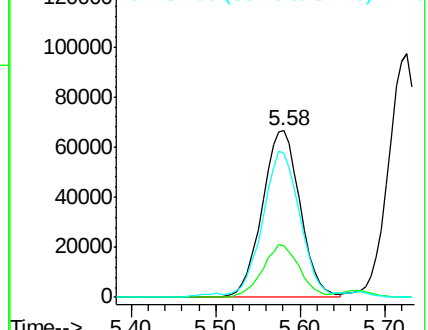
56 100

69 30.9 23.7 35.5

84 86.1 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: 51.72 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

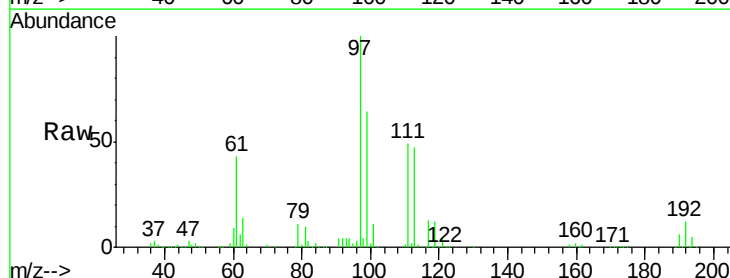
Tgt Ion: 97 Resp: 224966

Ion Ratio Lower Upper

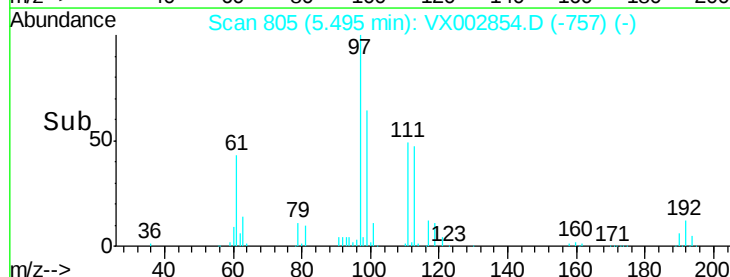
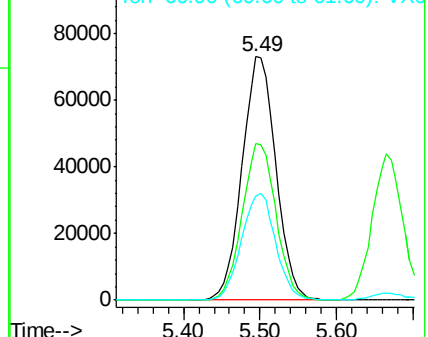
97 100

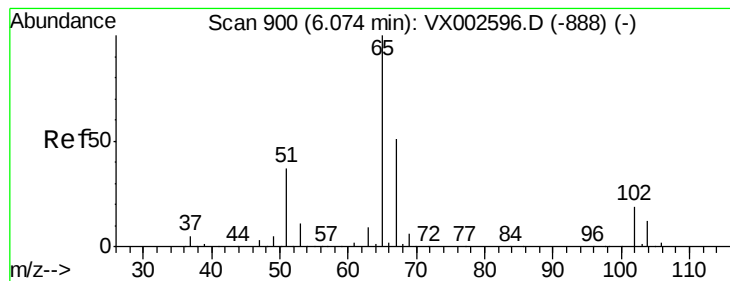
99 64.3 51.6 77.4

61 44.3 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: 41.47 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

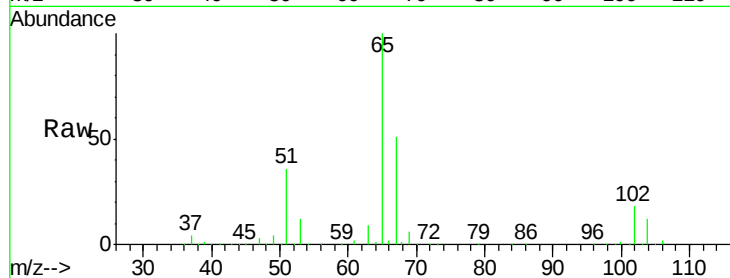
VSTDCCC050EC

Tot Ion: 65 Resp: 156026

Ion Ratio Lower Upper

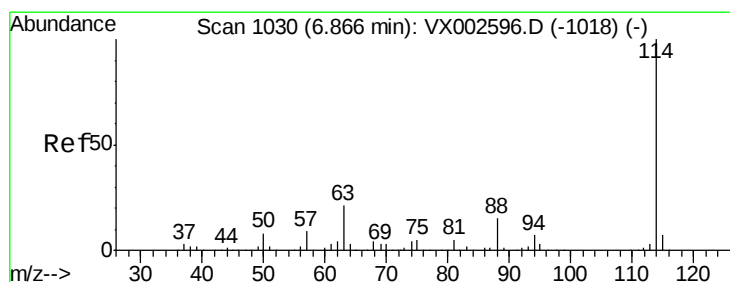
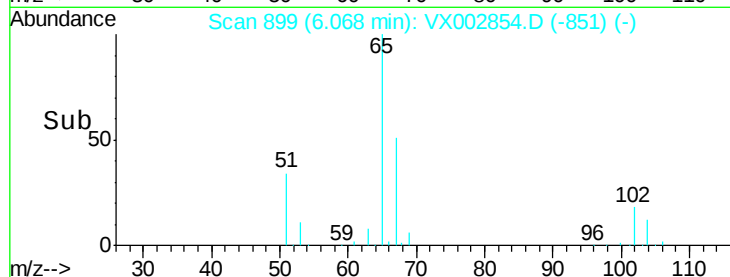
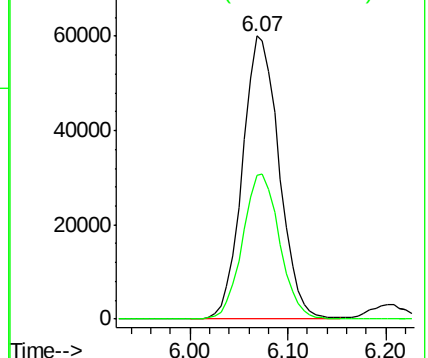
65 100

67 51.8 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: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

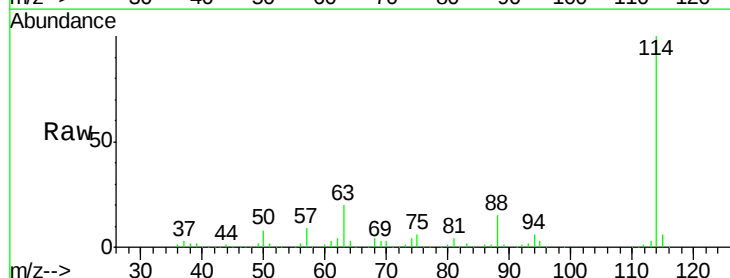
Tgt Ion: 114 Resp: 342287

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

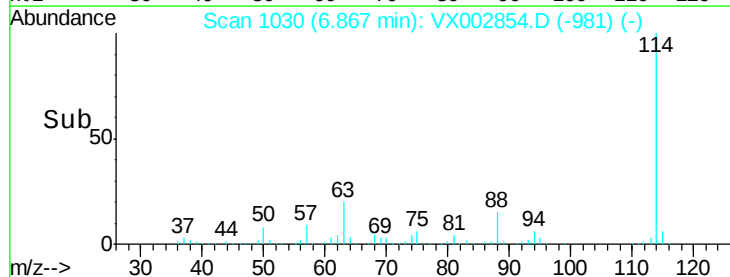
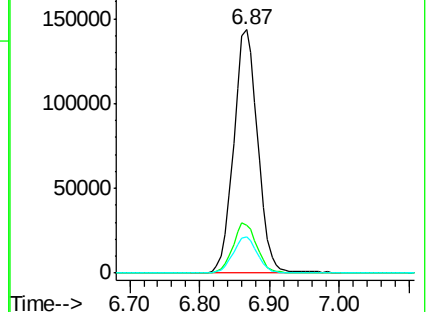
88 14.9 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

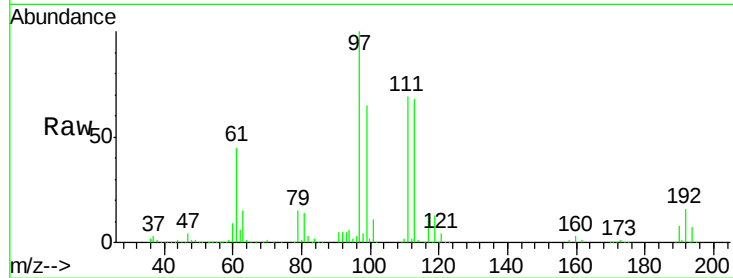
Tot Ion:113 Resp: 126411

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

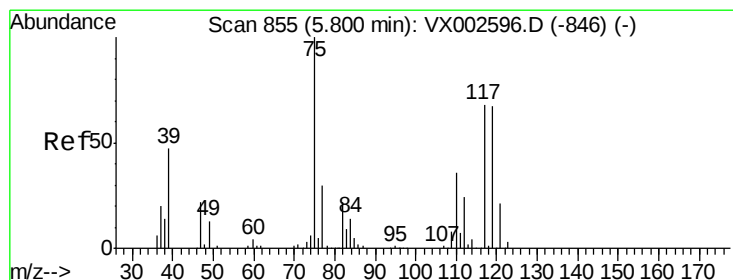
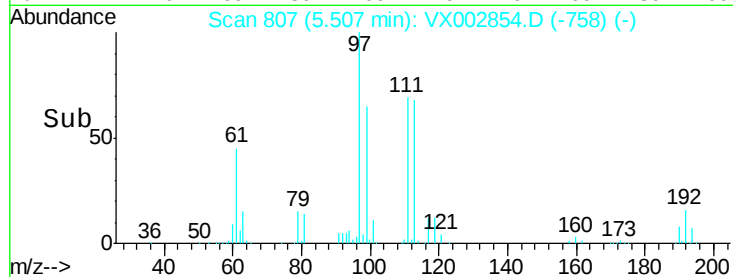
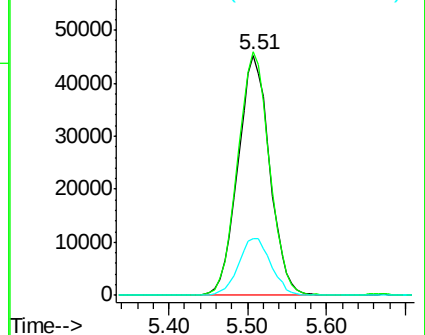
192 24.5 19.1 28.7



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: 49.78 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

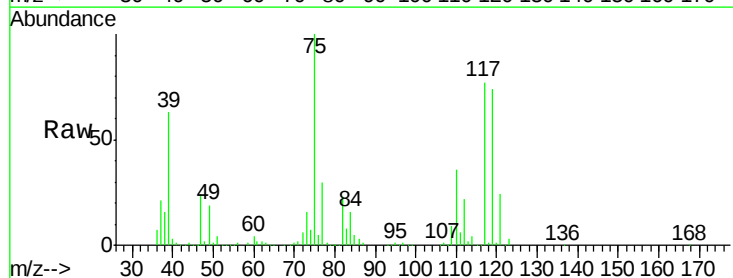
Tgt Ion: 75 Resp: 180979

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.4

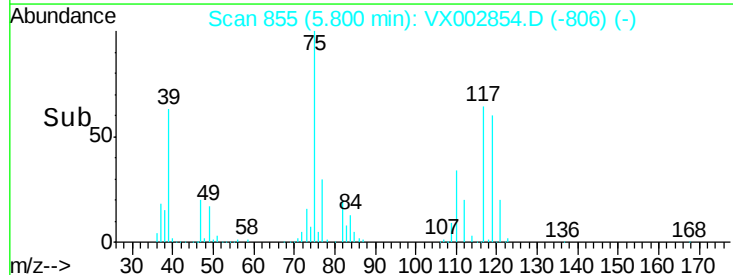
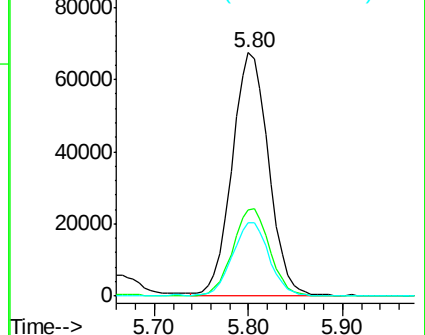
77 30.2 24.3 36.5

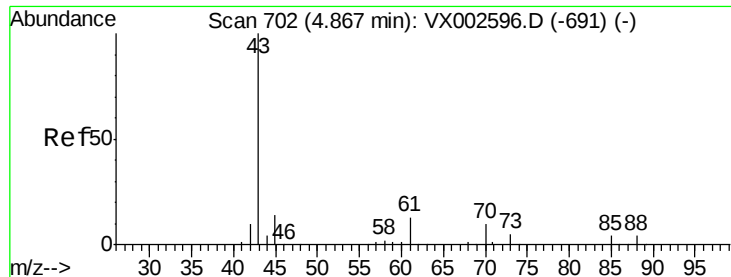


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

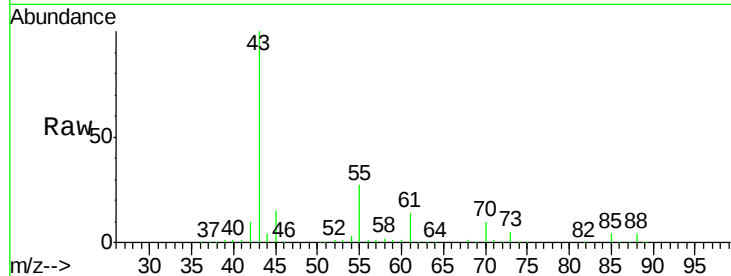




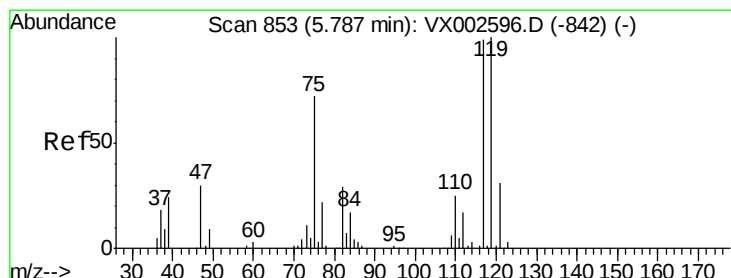
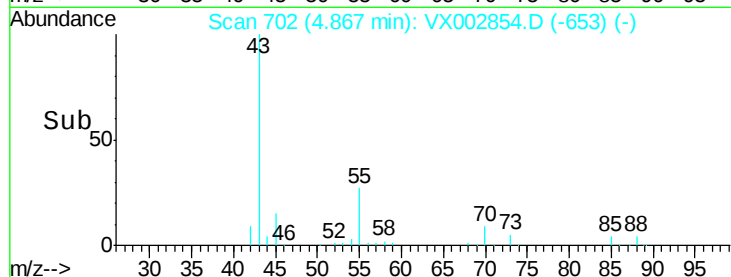
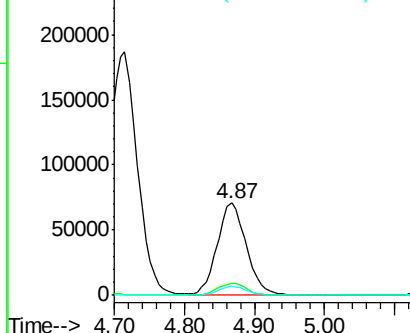
#37
Ethyl Acetate
Concen: 49.64 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 204251
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.9 7.6 11.4

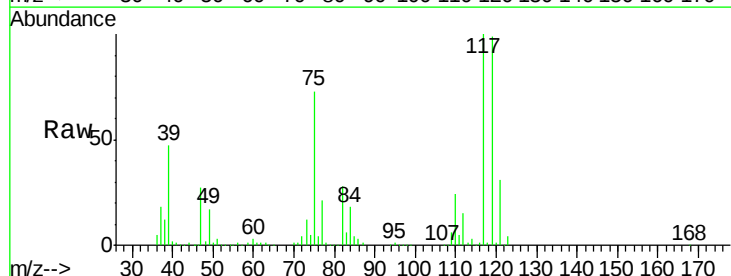


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

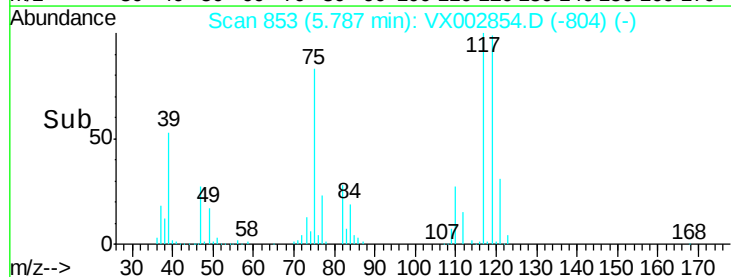
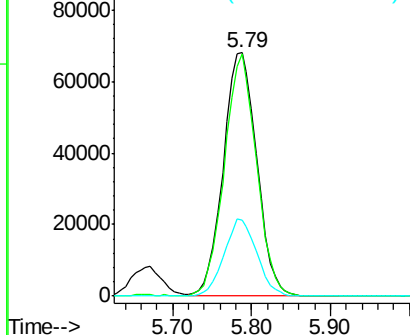


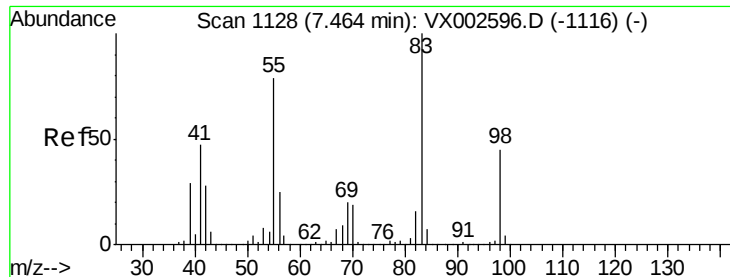
#38
Carbon Tetrachloride
Concen: 55.63 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 117 Resp: 201391
Ion Ratio Lower Upper
117 100
119 99.3 77.4 116.0
121 30.9 24.4 36.6



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

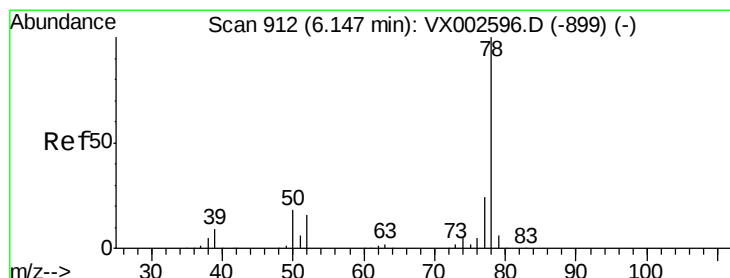
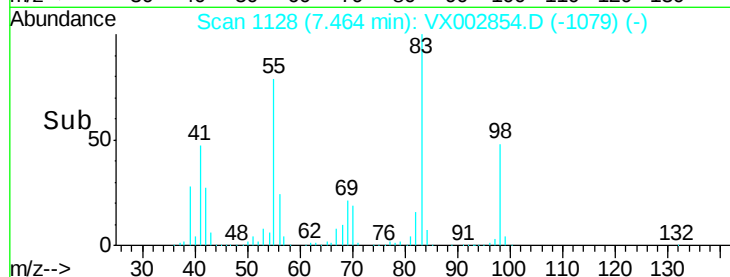
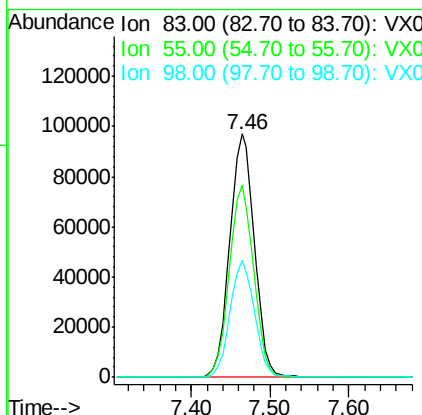
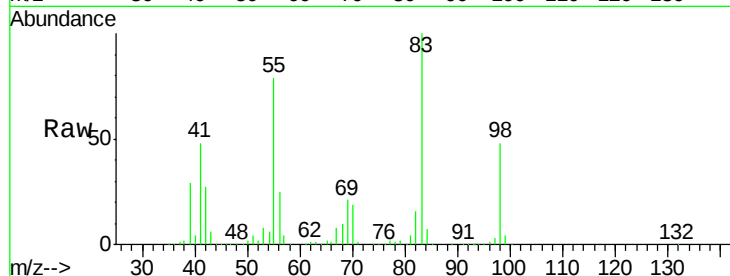




#39
Methvlcvclohexane
Concen: 49.72 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

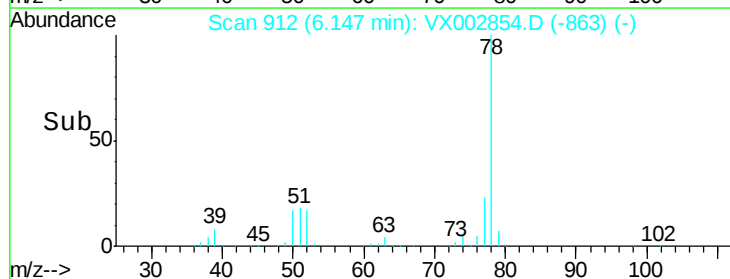
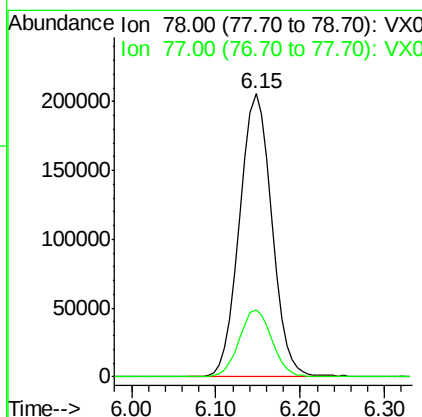
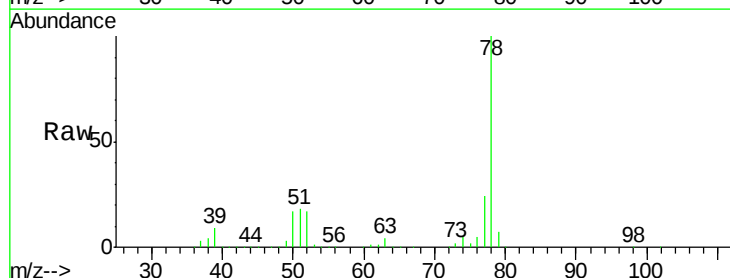
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

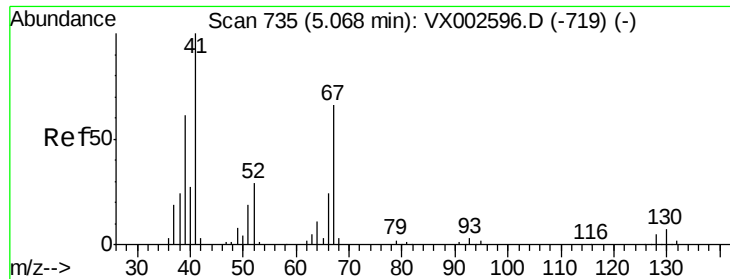
Tot Ion: 83 Resp: 211299
Ion Ratio Lower Upper
83 100
55 78.7 65.4 98.0
98 47.9 37.4 56.0



#40
Benzene
Concen: 48.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 78 Resp: 533890
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

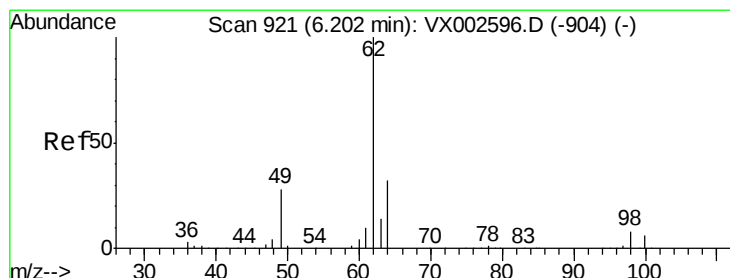
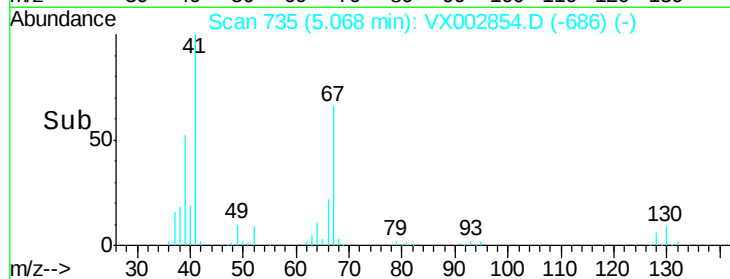
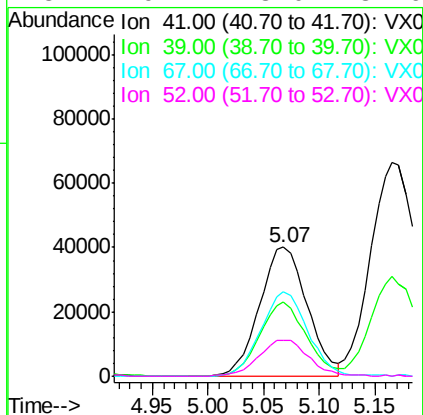
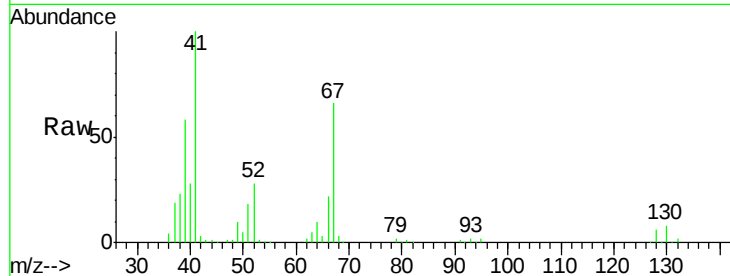




#41
Methacrylonitrile
Concen: 51.02 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

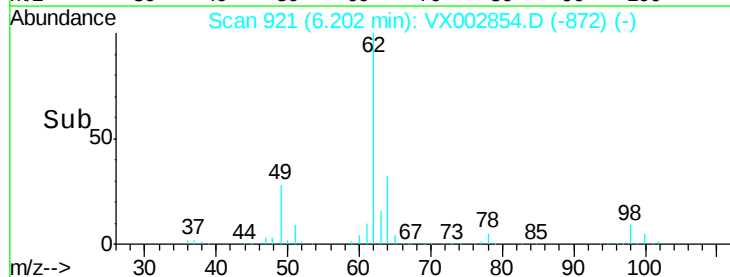
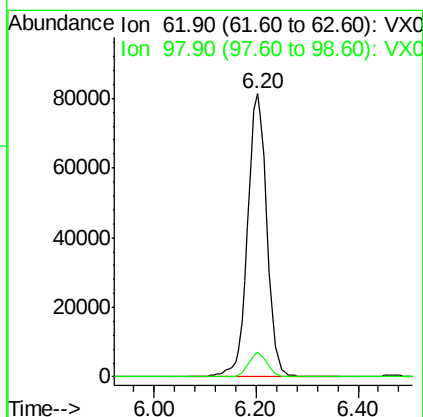
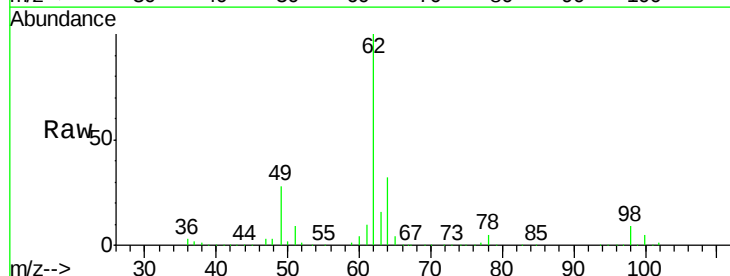
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

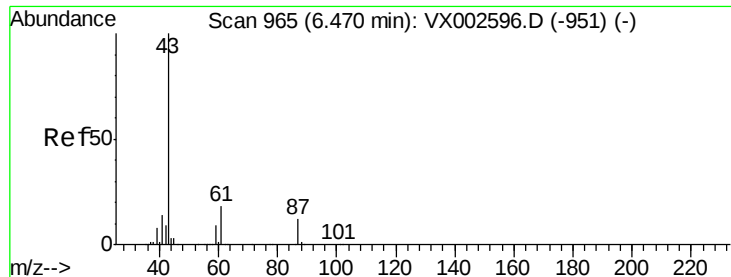
Tot Ion:	41	Resp:	118528
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.8	68.6
67	65.2	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 50.39 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion:	62	Resp:	212671
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



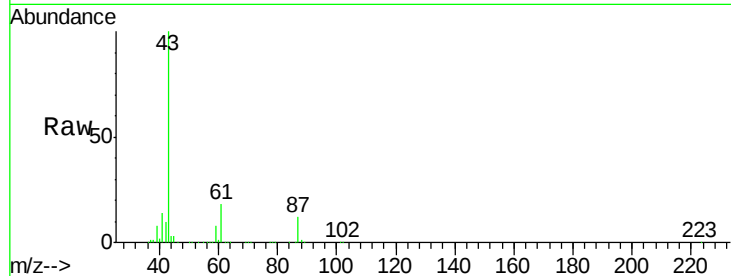


#43

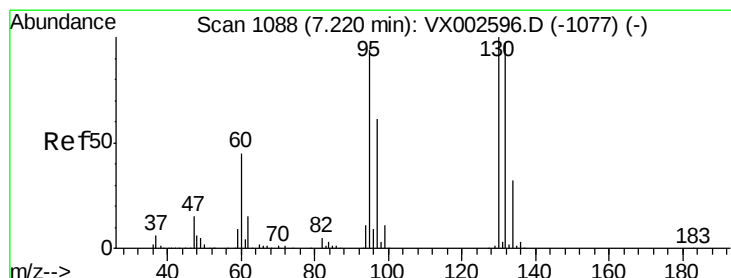
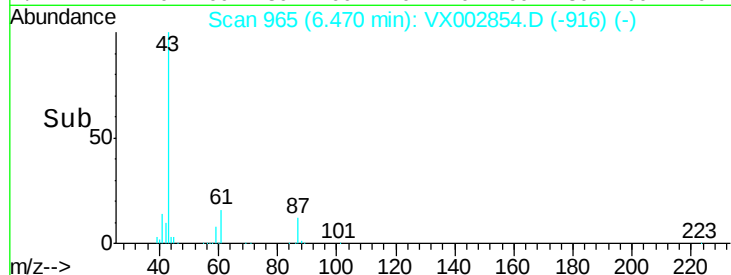
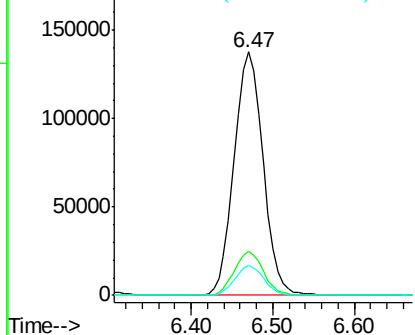
Isopropyl Acetate
 Concen: 49.39 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 336702
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.4 21.6
 87 12.2 9.5 14.3



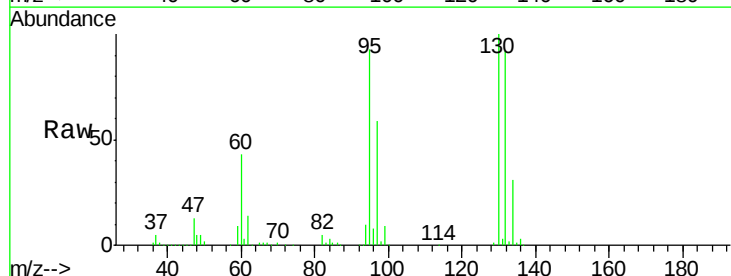
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



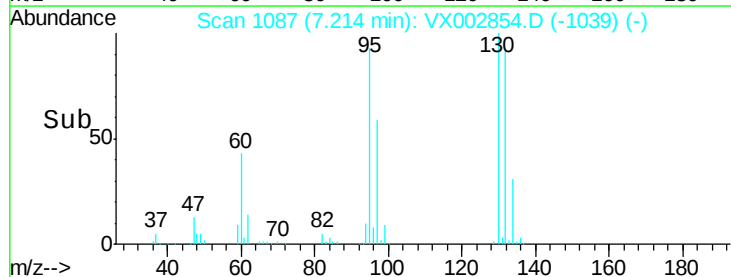
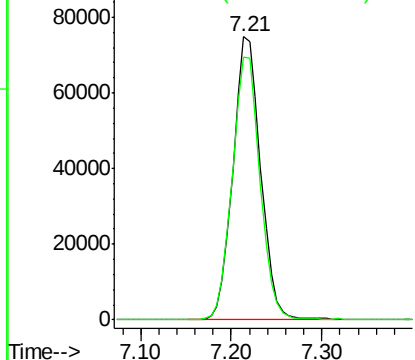
#44

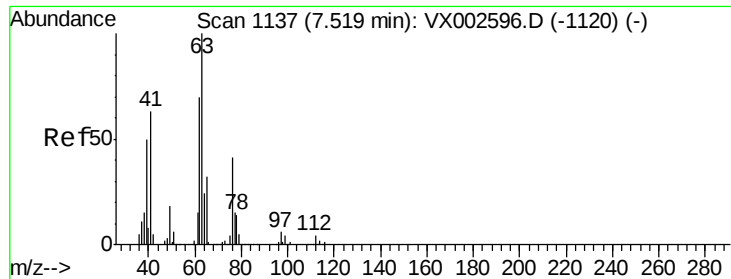
Trichloroethene
 Concen: 50.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 130 Resp: 158488
 Ion Ratio Lower Upper
 130 100
 95 92.7 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: 48.82 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

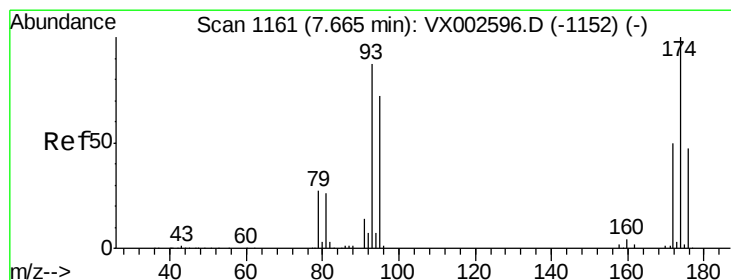
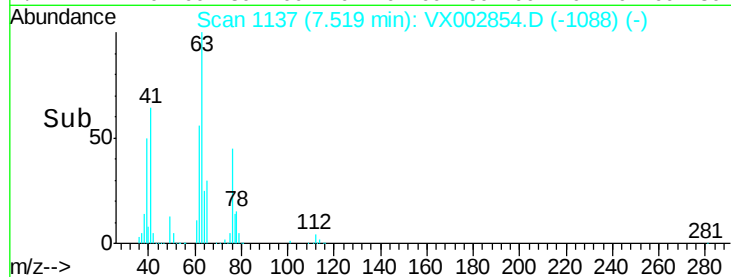
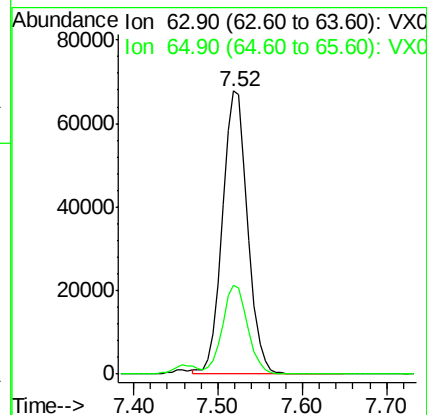
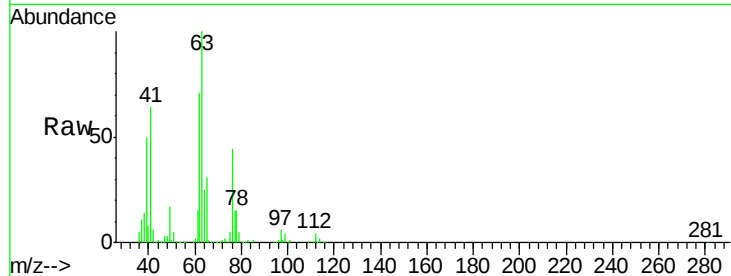
VSTDCCC050EC

Tot Ion: 63 Resp: 140060

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 51.08 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

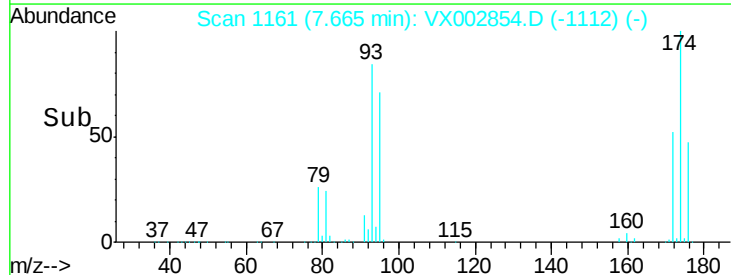
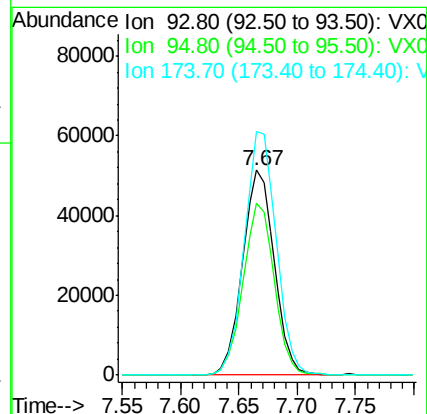
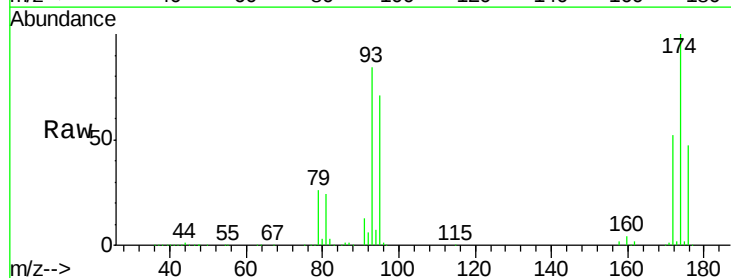
Tgt Ion: 93 Resp: 98020

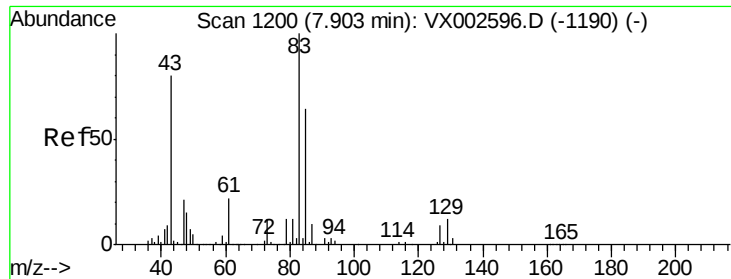
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 119.5 92.4 138.6





#47

Bromodichloromethane

Concen: 55.16 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

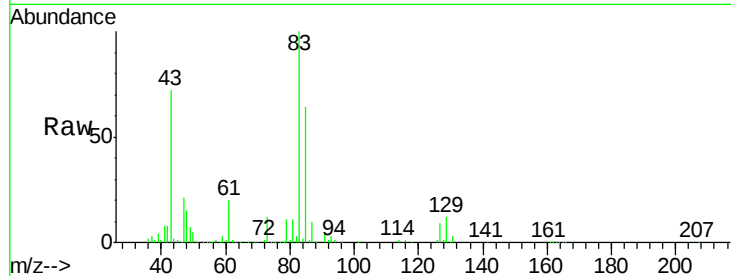
Tot Ion: 83 Resp: 186705

Ion Ratio Lower Upper

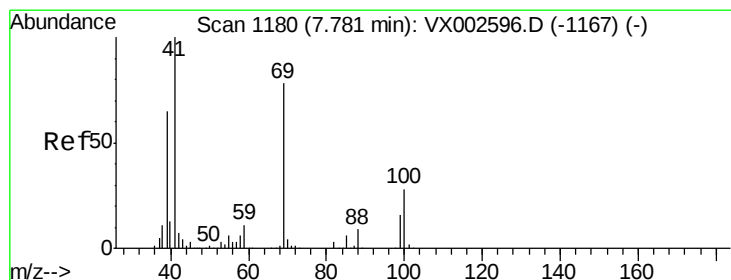
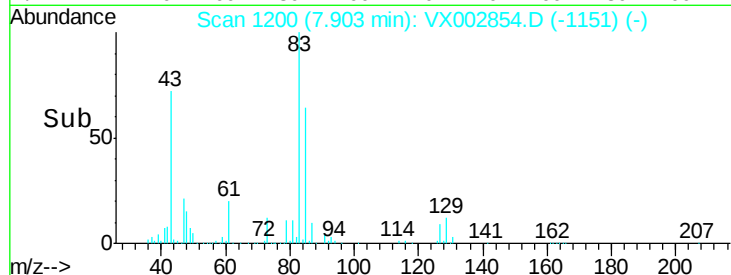
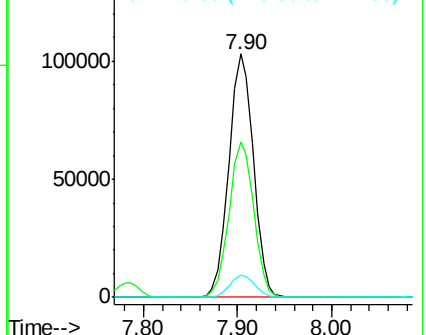
83 100

85 63.7 50.3 75.5

127 9.1 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: 50.75 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

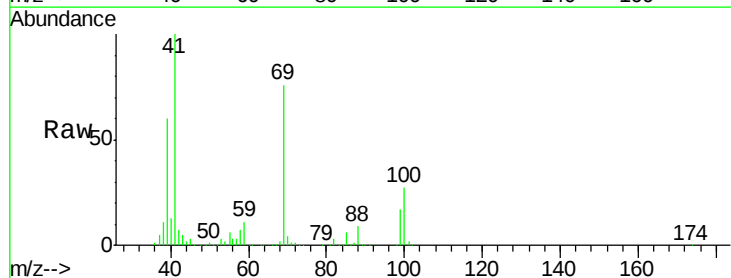
Tgt Ion: 41 Resp: 176813

Ion Ratio Lower Upper

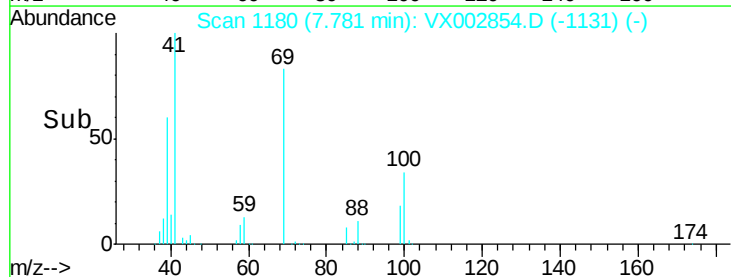
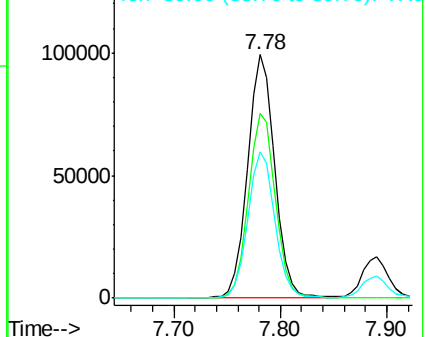
41 100

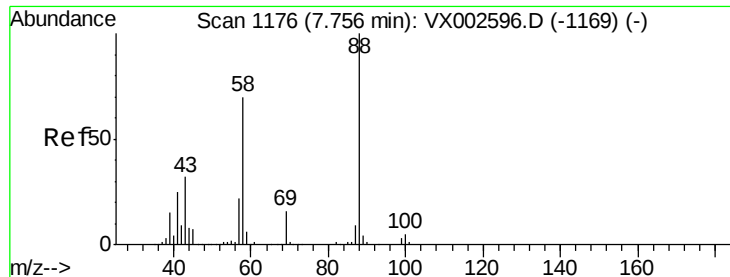
69 76.3 59.1 88.7

39 59.9 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

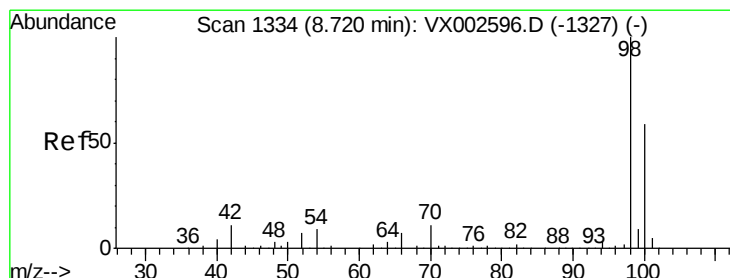
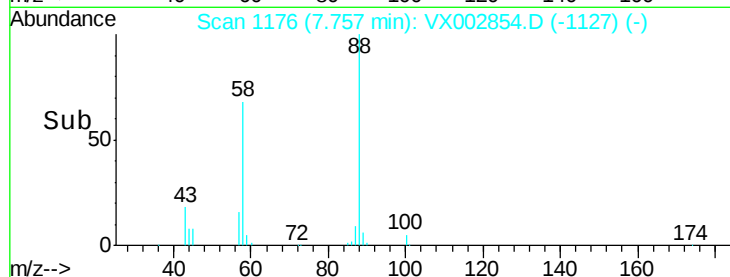
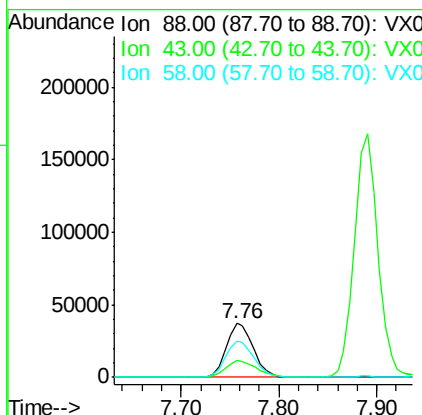
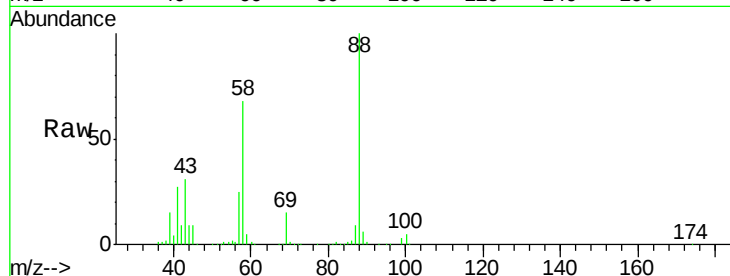




#49
1,4-Dioxane
Concen: 1071.27 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

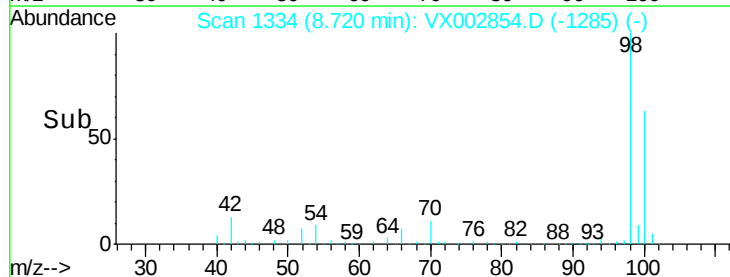
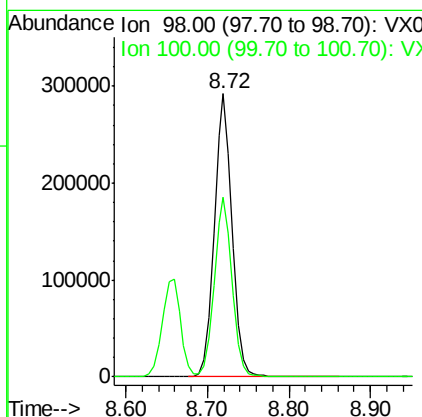
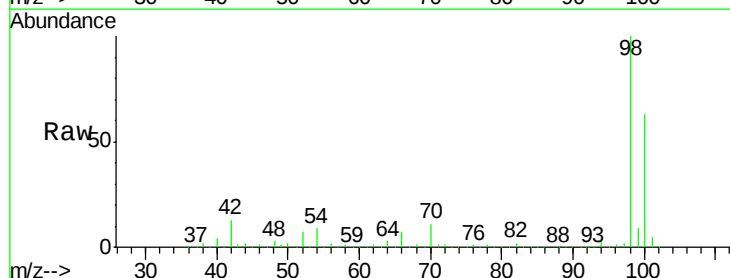
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 70675
Ion Ratio Lower Upper
88 100
43 35.2 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 43.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 98 Resp: 446886
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 252.98 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

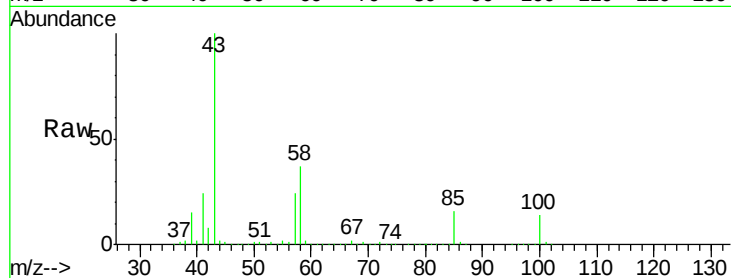
VSTDCCC050EC

Tot Ion: 43 Resp: 1107307

Ion Ratio Lower Upper

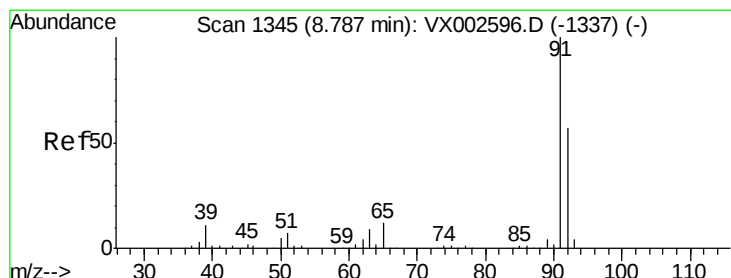
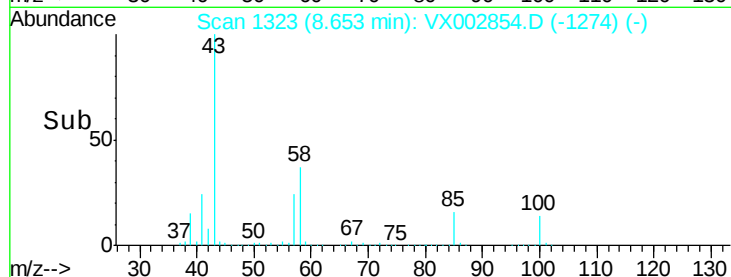
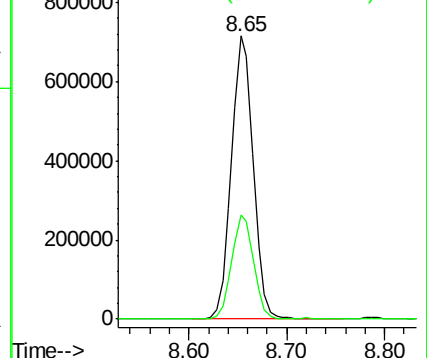
43 100

58 36.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.12 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002854.D

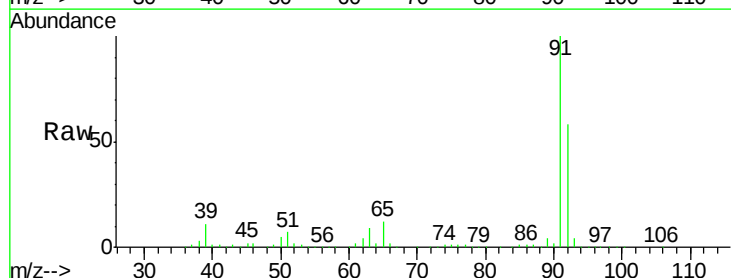
Acq: 23 Jun 2018 01:44

Tgt Ion: 92 Resp: 348471

Ion Ratio Lower Upper

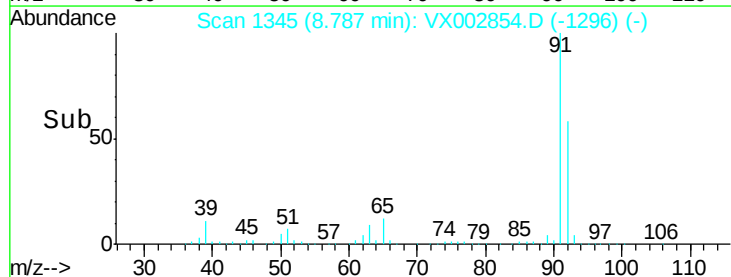
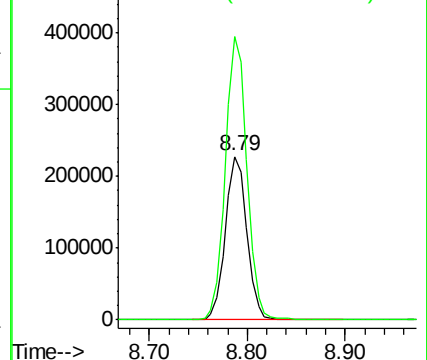
92 100

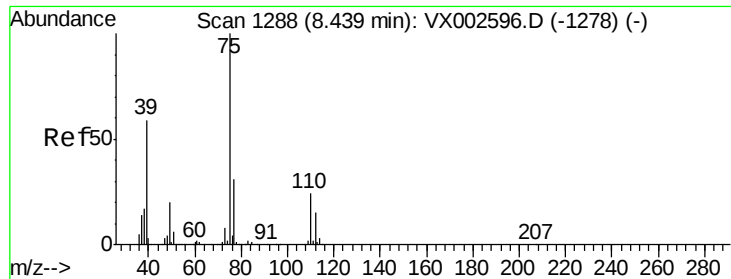
91 173.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.60 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

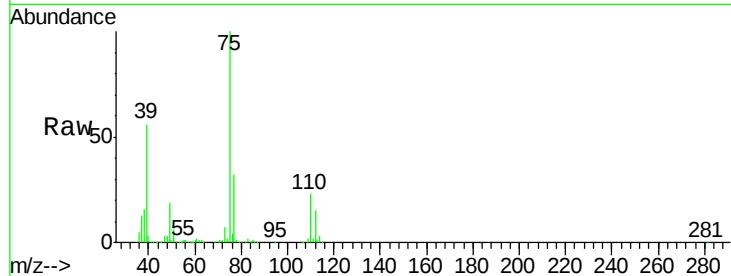
VSTDCCC050EC

Tot Ion: 75 Resp: 208009

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

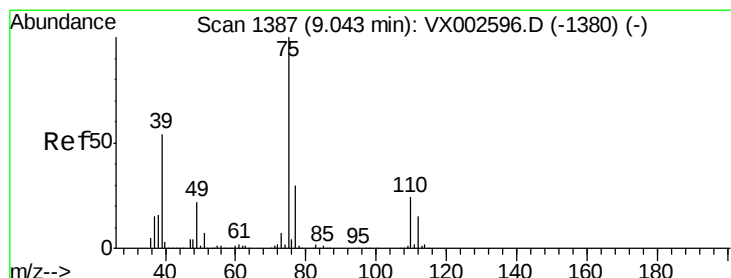
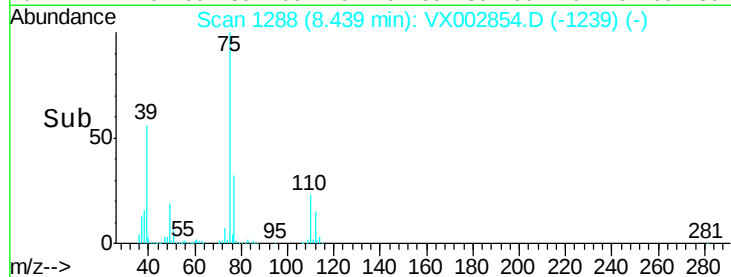
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.02 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

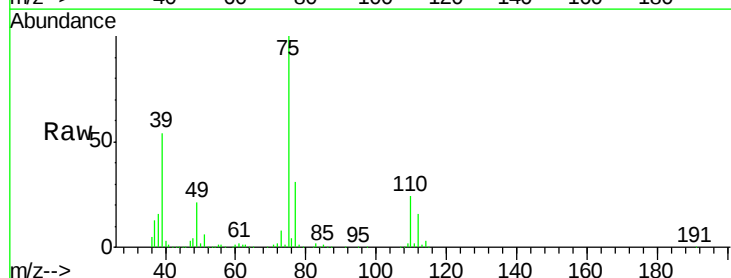
Tgt Ion: 75 Resp: 195538

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 53.8 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

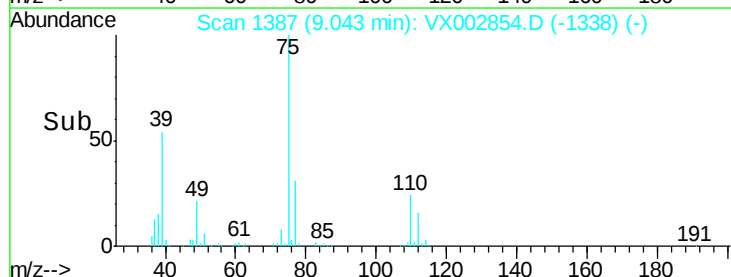
150000

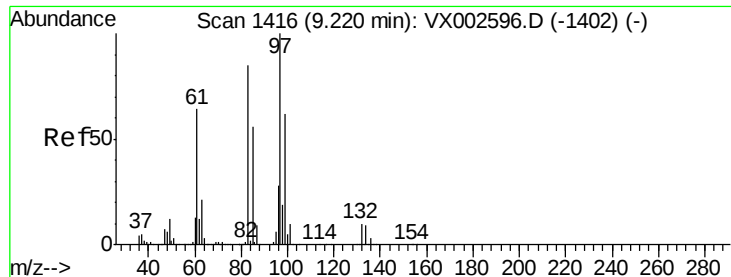
100000

50000

0

Time-->

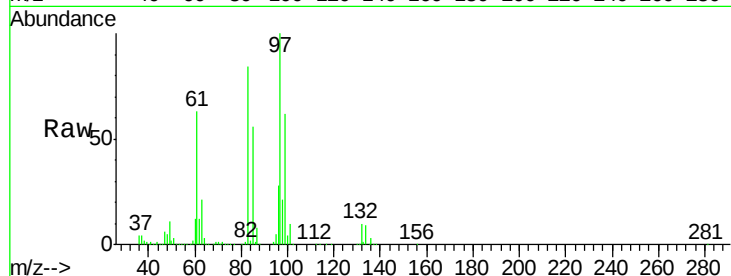




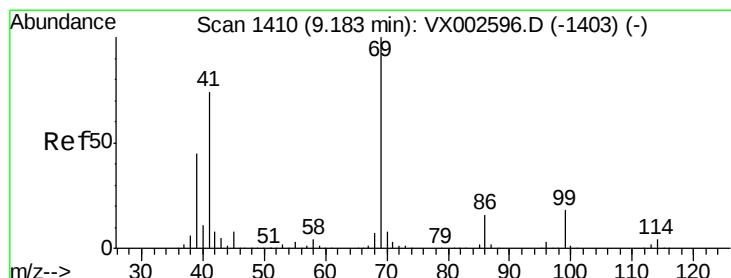
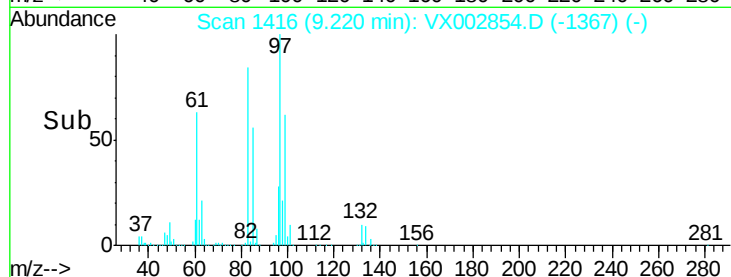
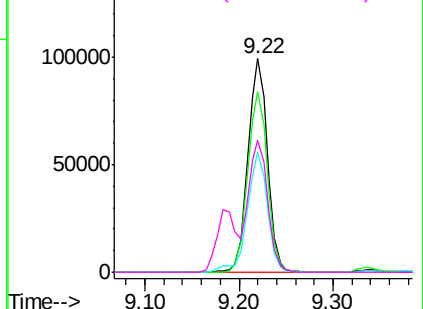
#55
 1,1,2-Trichloroethane
 Concen: 51.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 144361
 Ion Ratio Lower Upper
 97 100
 83 84.4 70.2 105.2
 85 56.4 44.9 67.3
 99 61.7 49.8 74.8

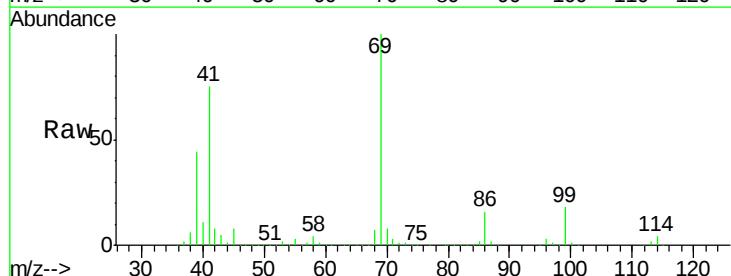


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

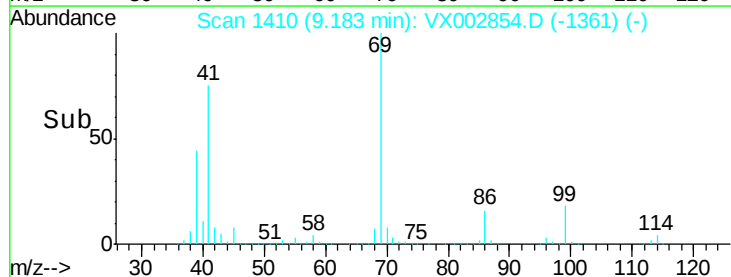
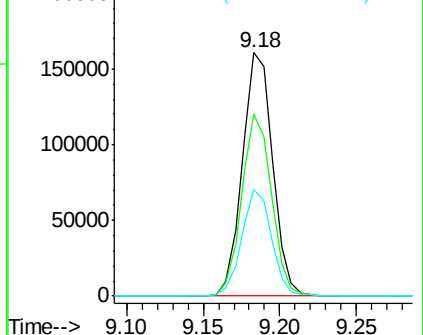


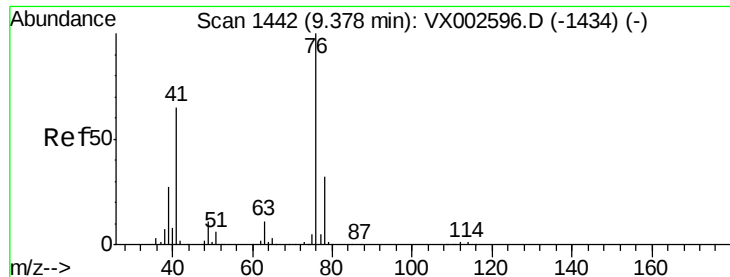
#56
 Ethyl methacrylate
 Concen: 51.18 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 69 Resp: 221307
 Ion Ratio Lower Upper
 69 100
 41 73.5 60.3 90.5
 39 42.6 35.8 53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

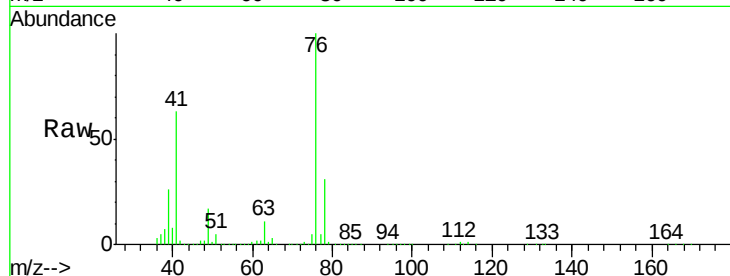
VSTDCCC050EC

Tot Ion: 76 Resp: 238014

Ion Ratio Lower Upper

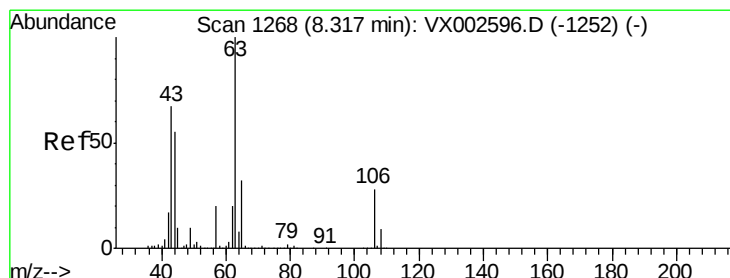
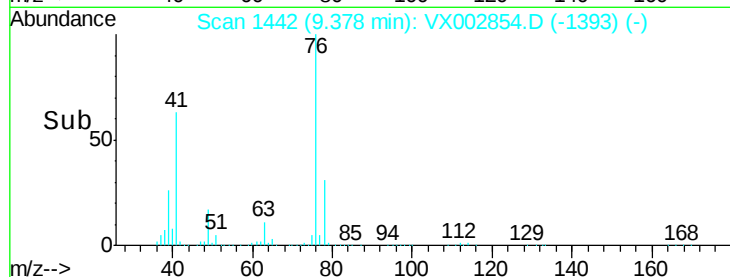
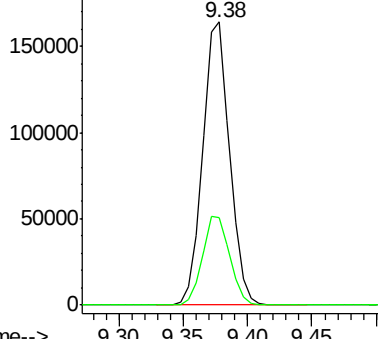
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 193.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002854.D

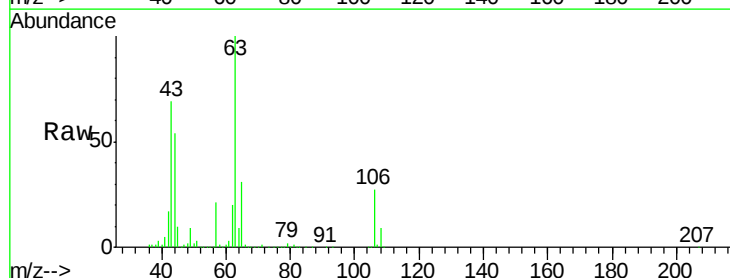
Acq: 23 Jun 2018 01:44

Tgt Ion: 63 Resp: 405038

Ion Ratio Lower Upper

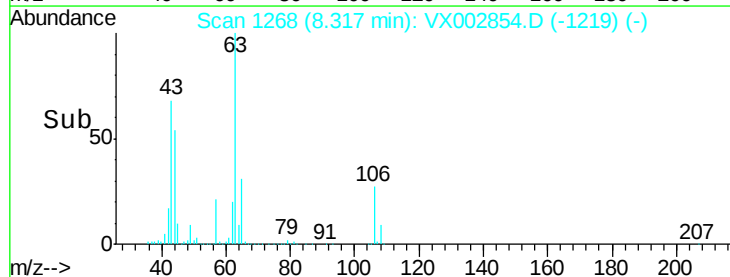
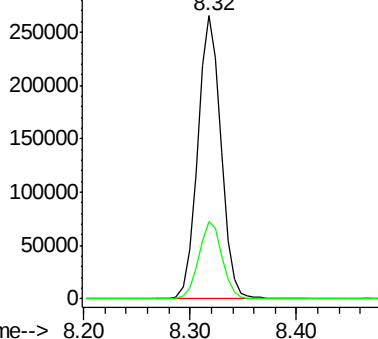
63 100

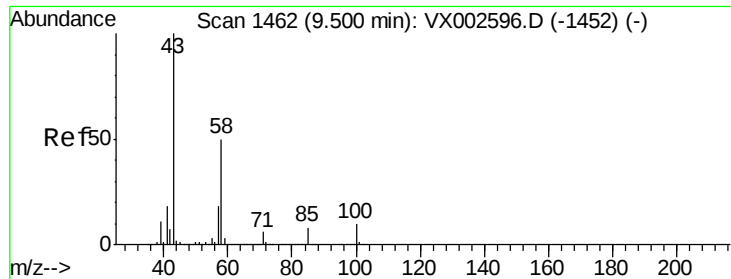
106 27.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

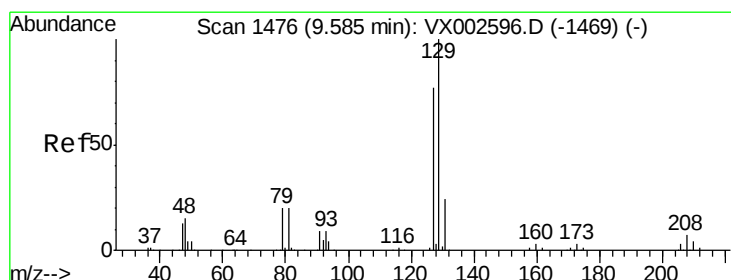
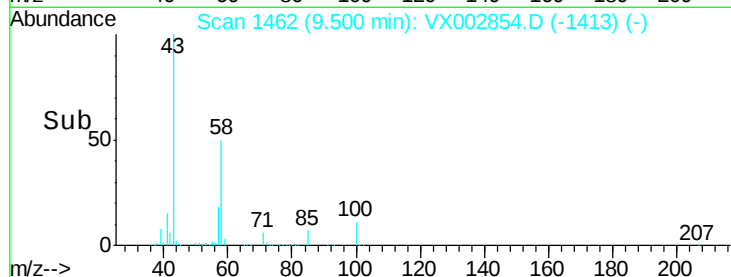
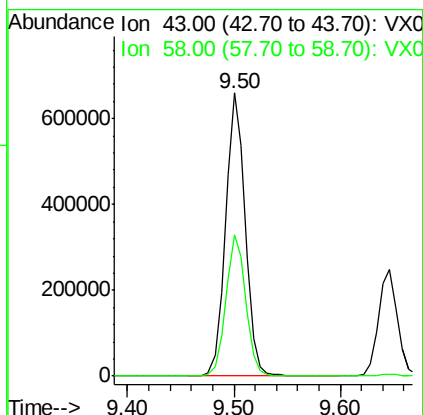
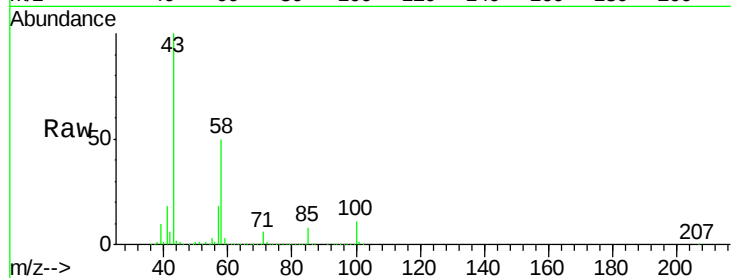




#59
2-Hexanone
Concen: 257.74 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

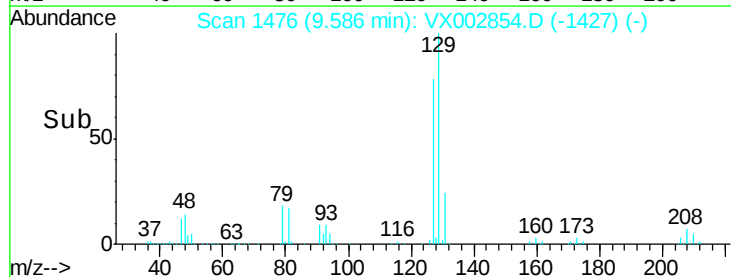
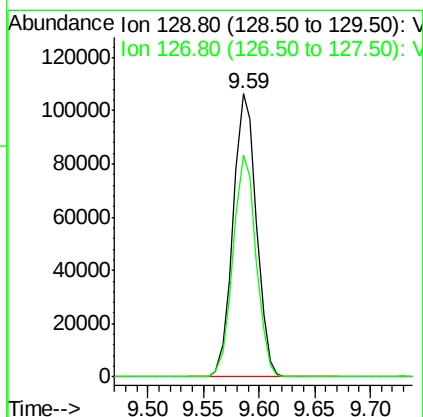
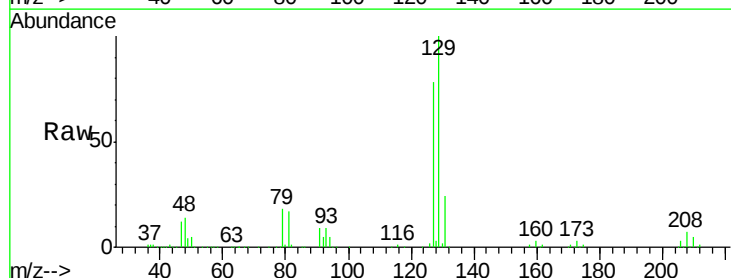
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

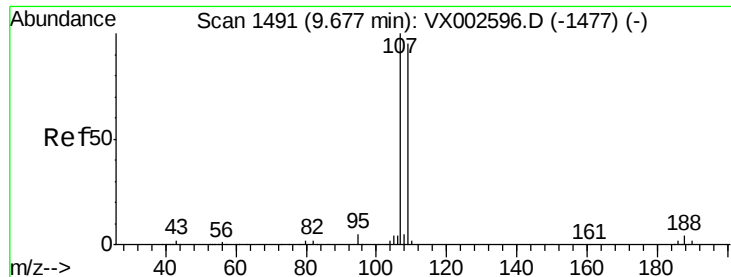
Tot Ion: 43 Resp: 850128
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6



#60
Dibromochloromethane
Concen: 48.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 129 Resp: 154256
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

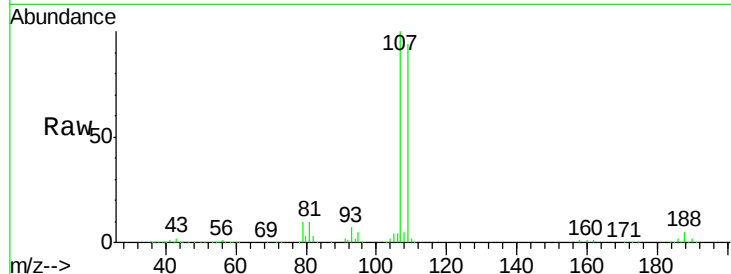
VSTDCCC050EC

Tot Ion: 107 Resp: 151680

Ion Ratio Lower Upper

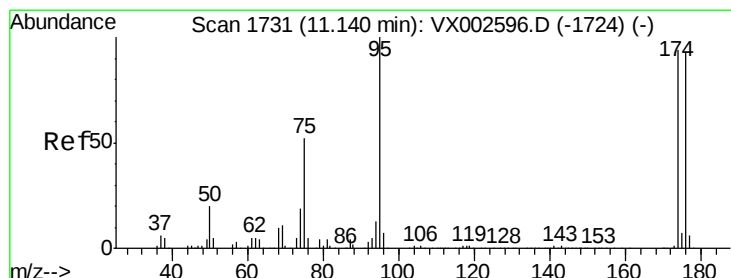
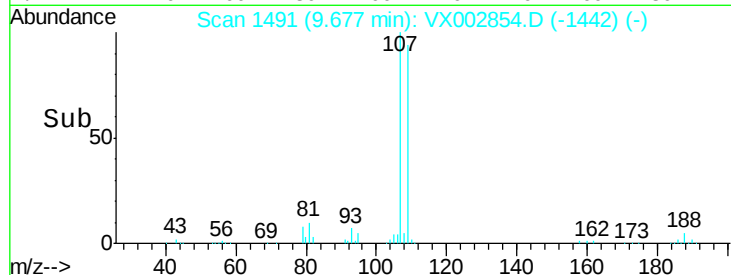
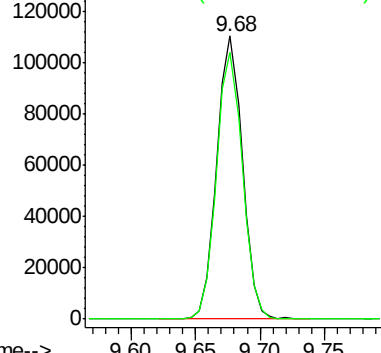
107 100

109 95.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

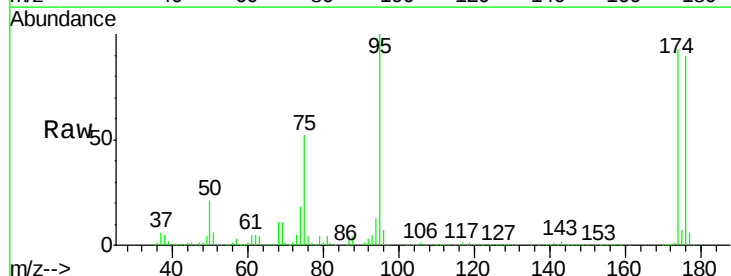
Tgt Ion: 95 Resp: 177818

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

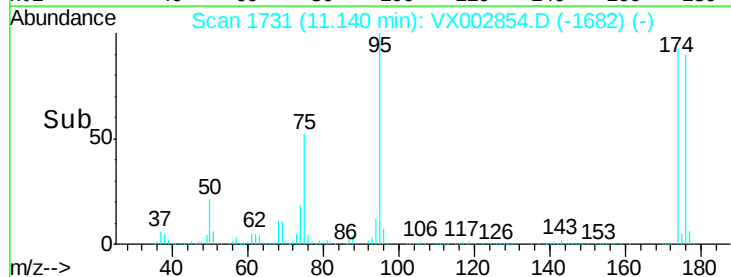
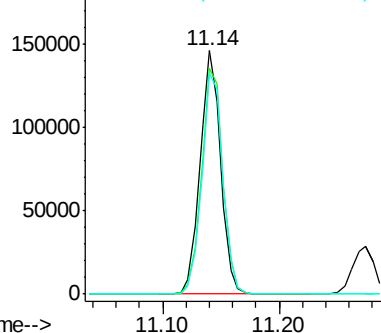
176 93.6 0.0 181.0

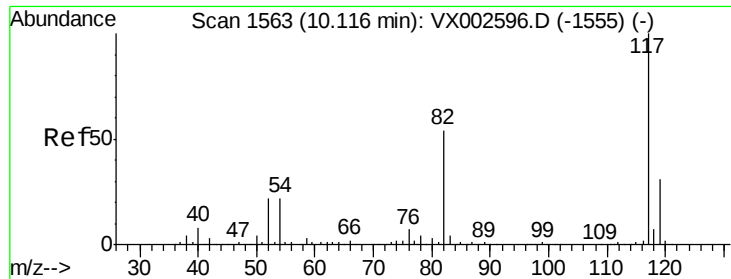


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

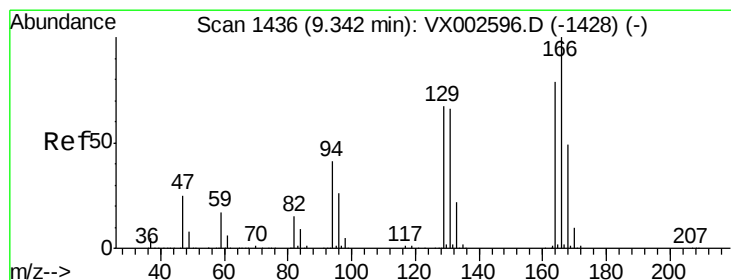
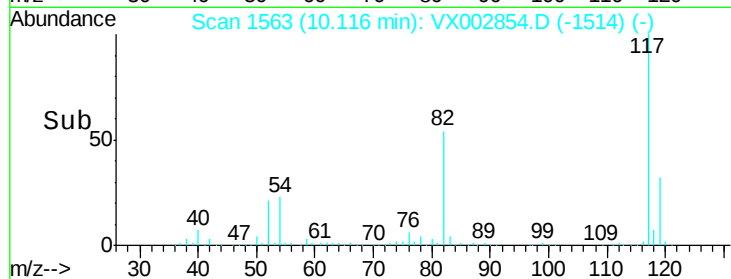
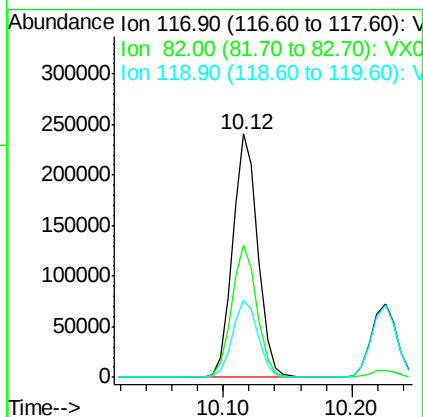
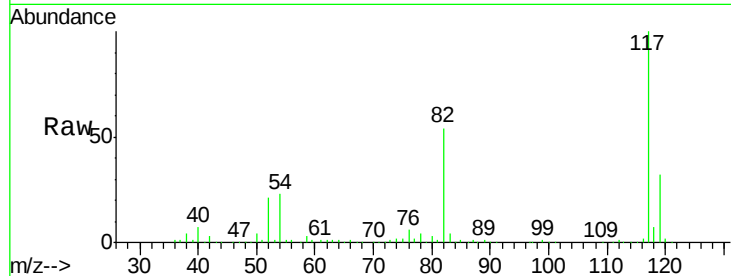




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

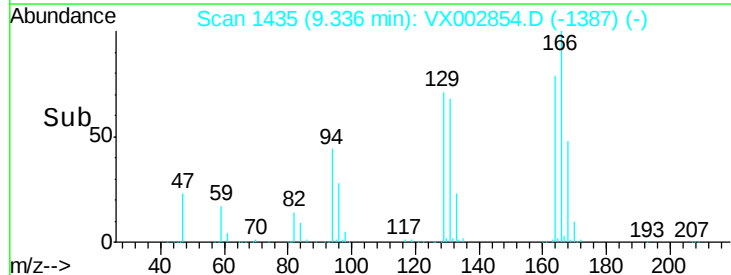
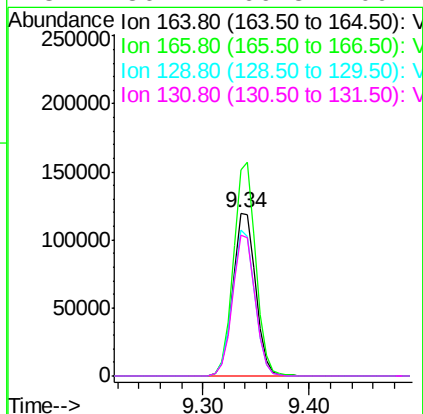
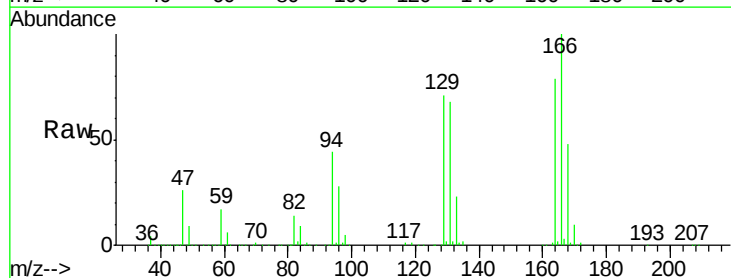
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

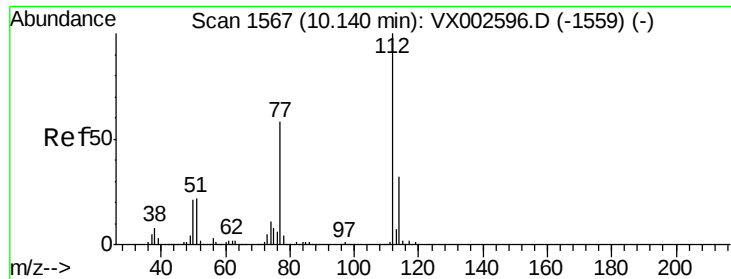
Tot Ion:117 Resp: 326450
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 49.51 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion:164 Resp: 179405
Ion Ratio Lower Upper
164 100
166 126.6 102.9 154.3
129 90.0 68.6 102.8
131 86.1 66.8 100.2

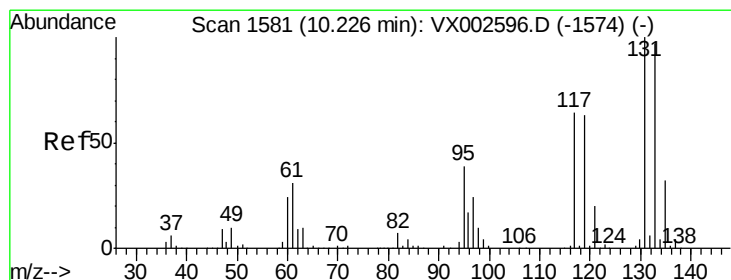
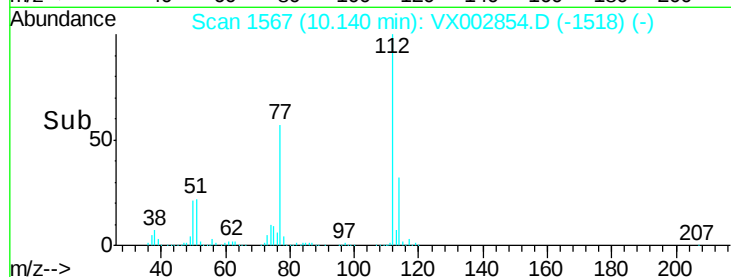
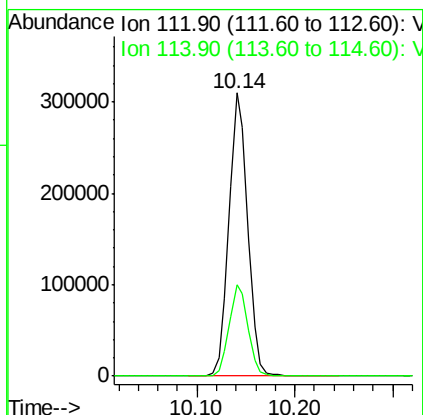
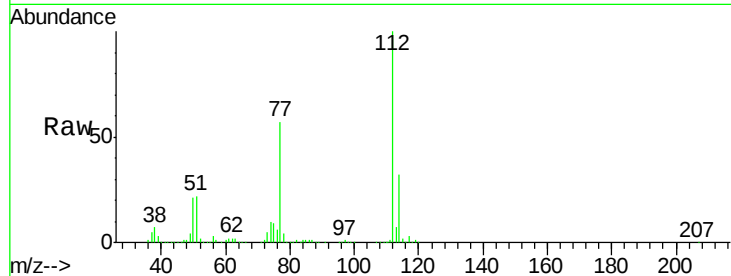




#65
Chlorobenzene
Concen: 51.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

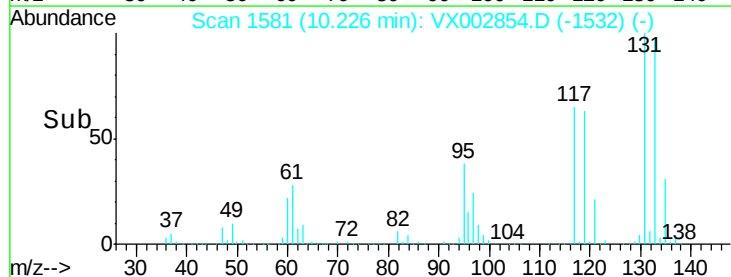
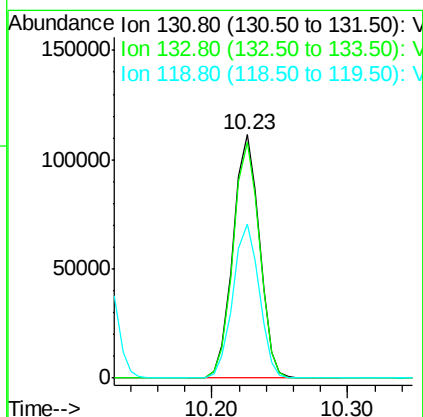
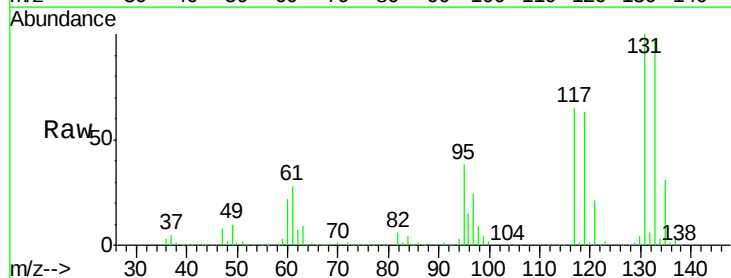
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

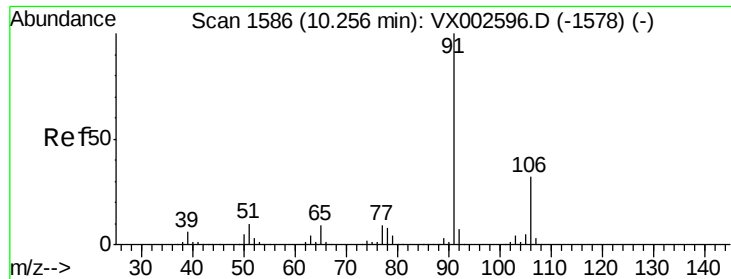
Tot Ion:112 Resp: 410558
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.16 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion:131 Resp: 150752
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 63.4 31.8 95.3

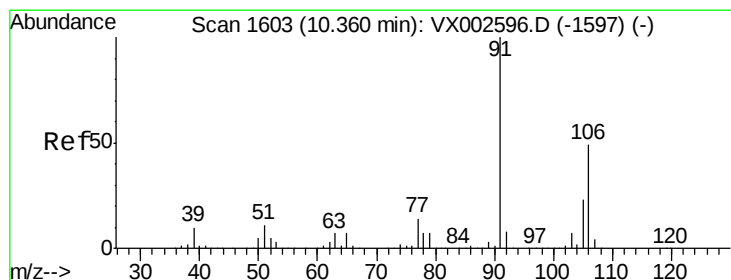
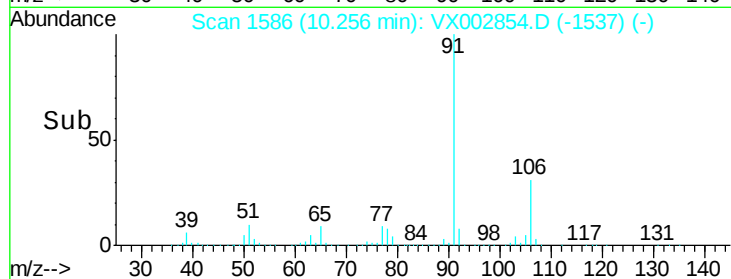
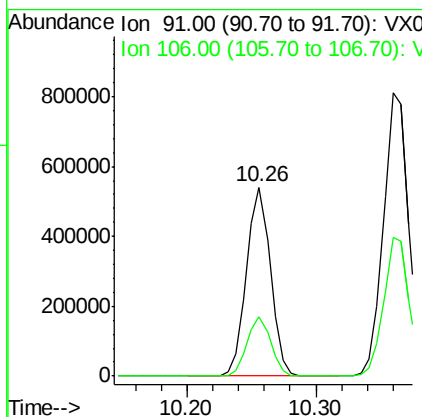
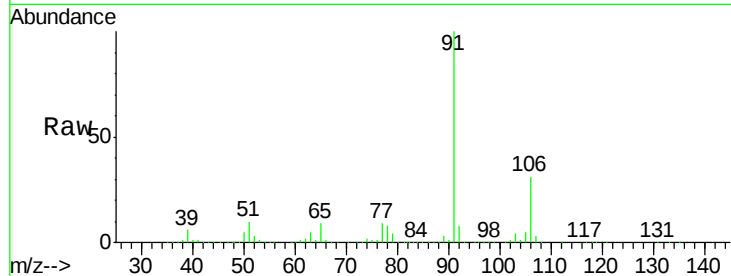




#67
Ethyl Benzene
Concen: 51.24 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

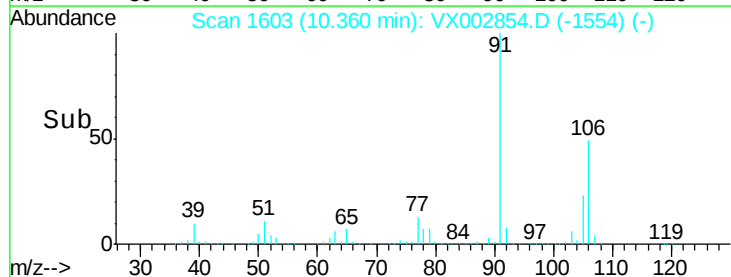
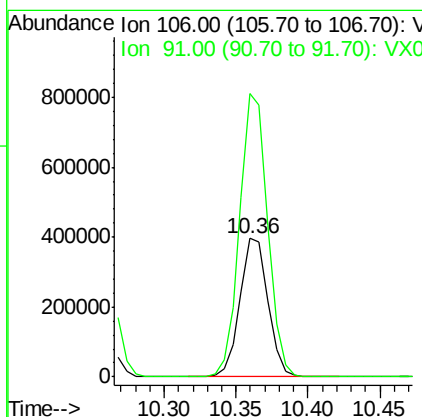
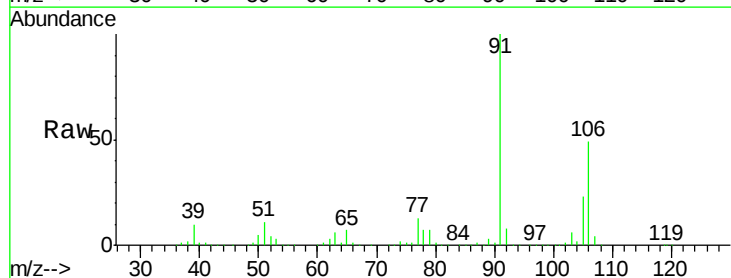
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 692927
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 102.61 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion: 106 Resp: 535232
Ion Ratio Lower Upper
106 100
91 204.8 163.4 245.2

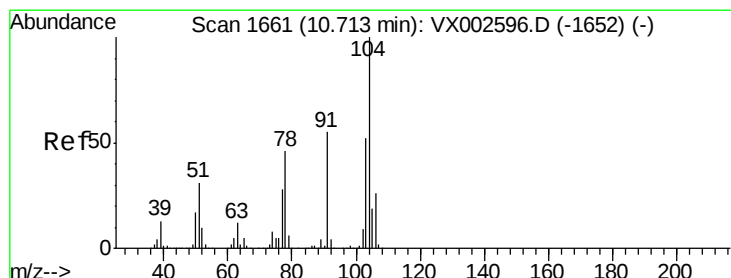
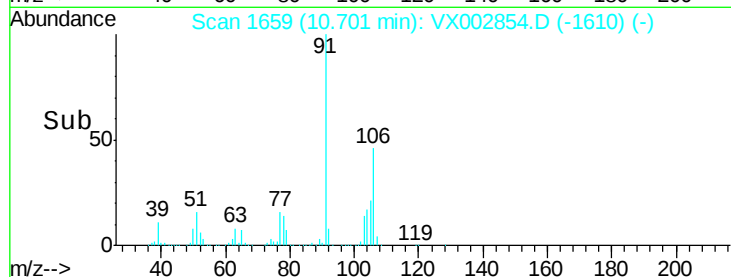
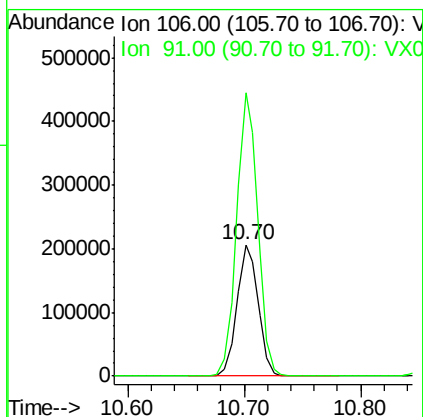
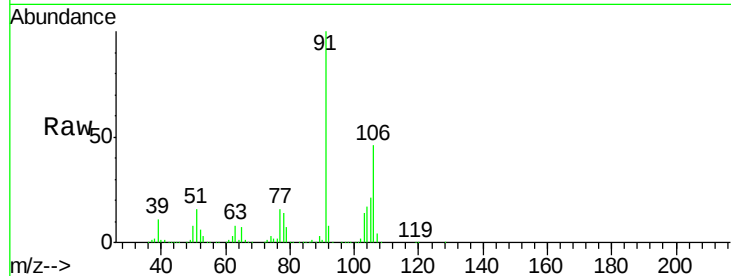




#69
o-Xylene
Concen: 51.19 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

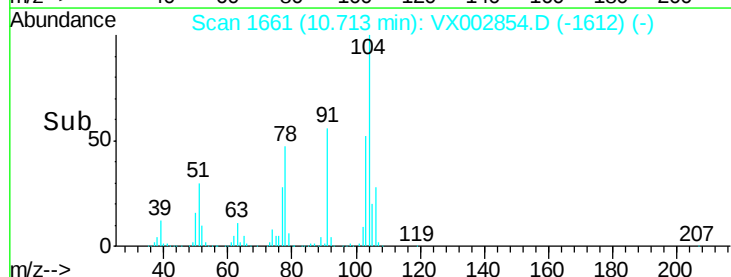
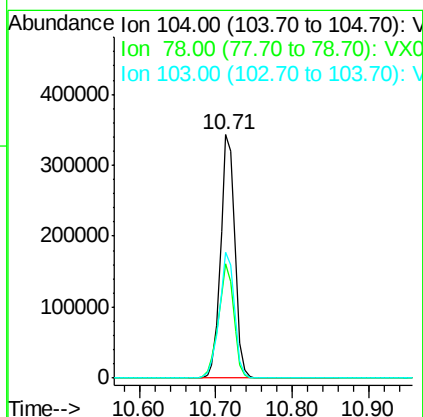
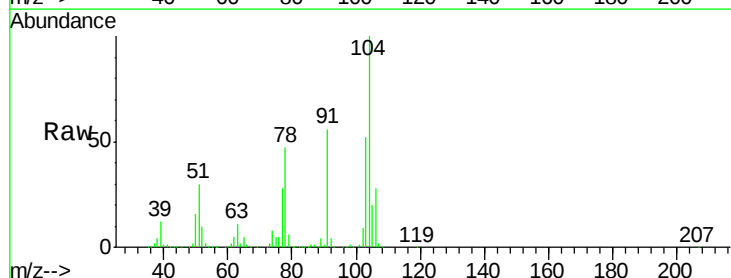
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

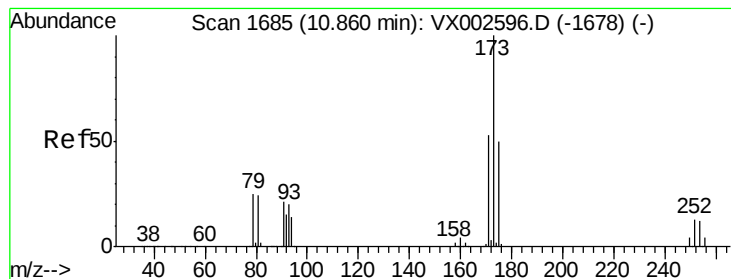
Tot Ion:106 Resp: 262347
Ion Ratio Lower Upper
106 100
91 214.0 108.2 324.6



#70
Styrene
Concen: 52.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion:104 Resp: 440492
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 48.85 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

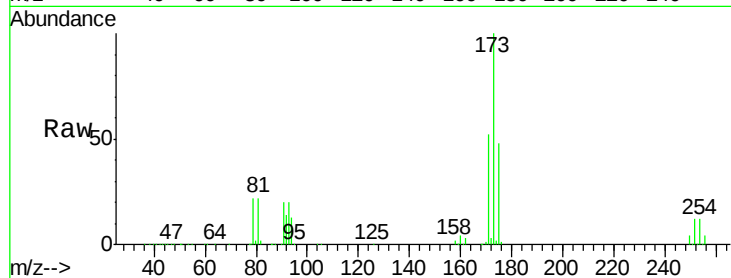
Tot Ion:173 Resp: 121256

Ion Ratio Lower Upper

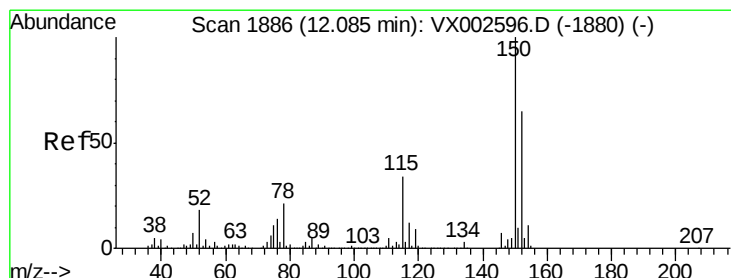
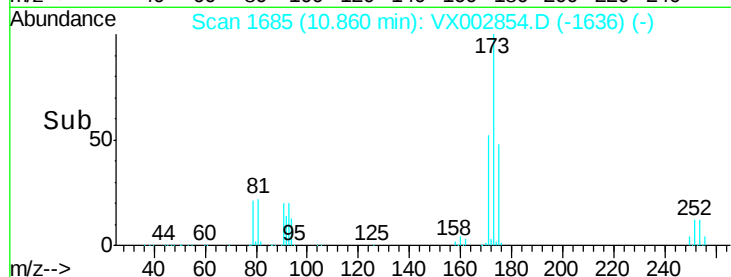
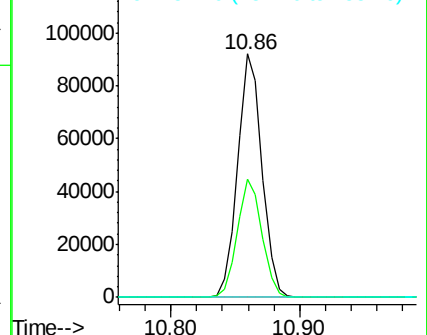
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

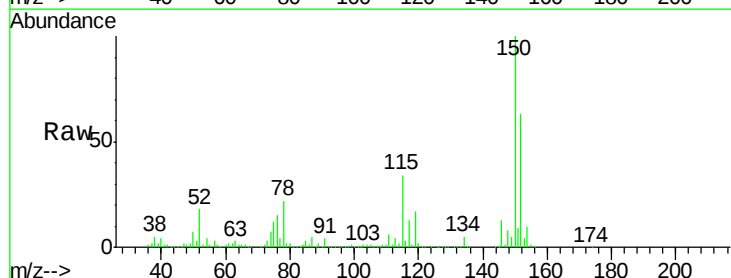
Tgt Ion:152 Resp: 208969

Ion Ratio Lower Upper

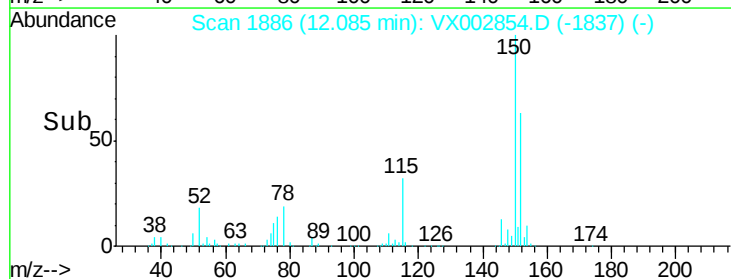
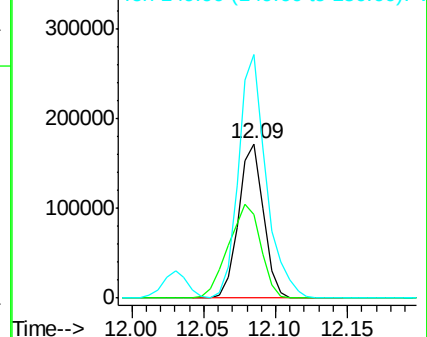
152 100

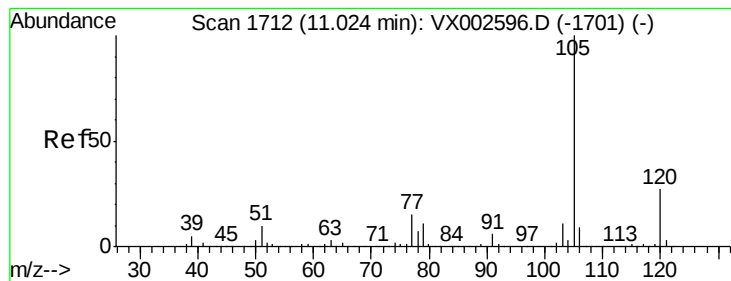
115 79.1 40.1 120.2

150 173.9 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: 51.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

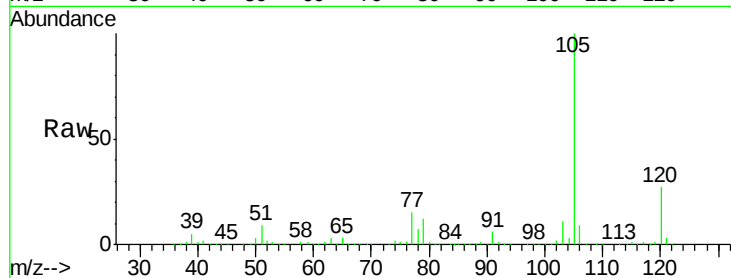
VSTDCCC050EC

Tot Ion:105 Resp: 719939

Ion Ratio Lower Upper

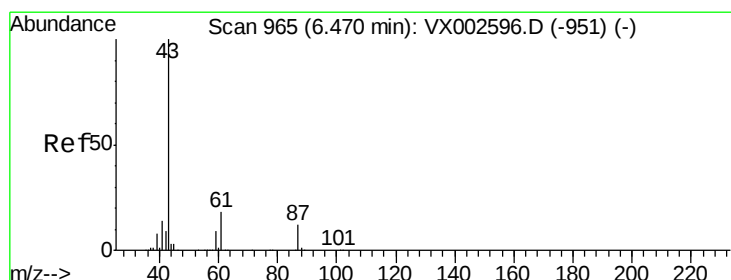
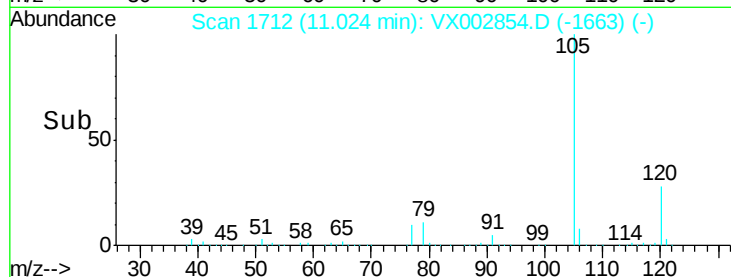
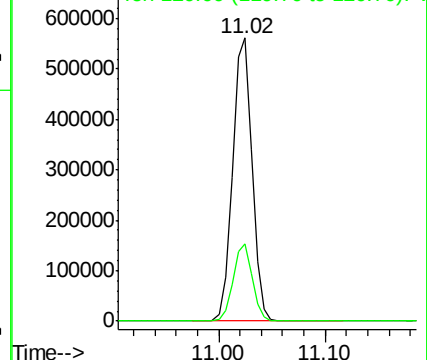
105 100

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



#74

N-ethyl acetate

Concen: 48.49 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Tgt Ion: 43 Resp: 336702

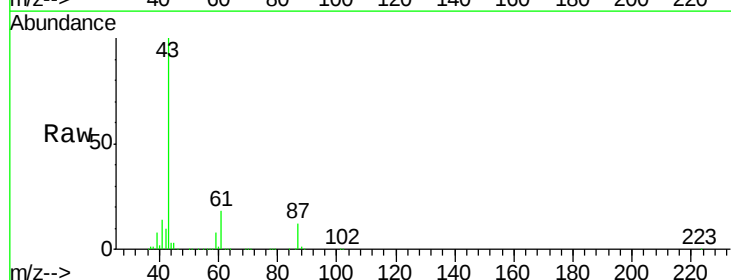
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

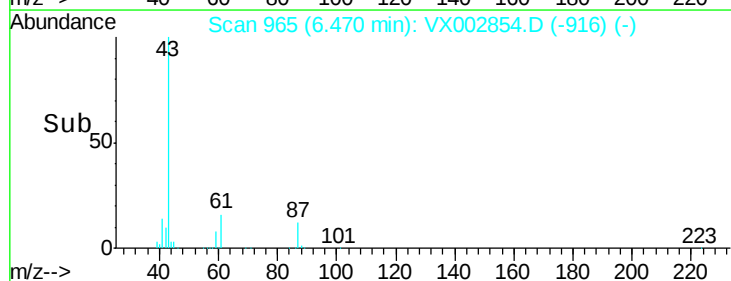
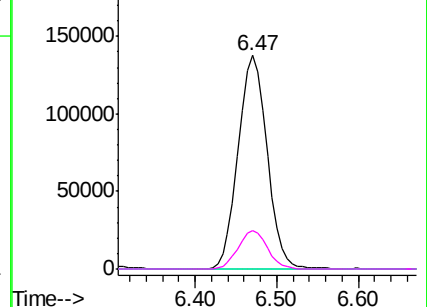


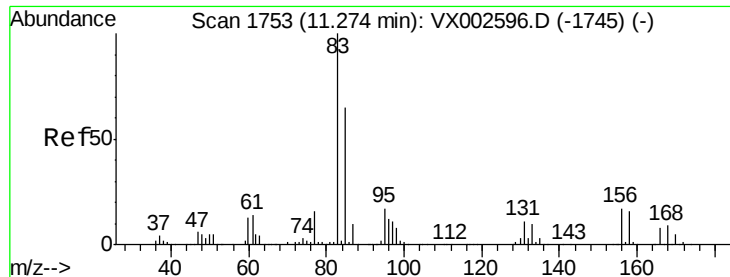
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 53.29 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

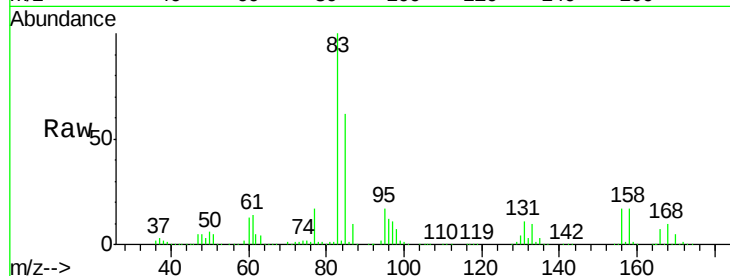
Tot Ion: 83 Resp: 219952

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	63.7	32.4	97.2

83 100

131 11.2 5.6 16.8

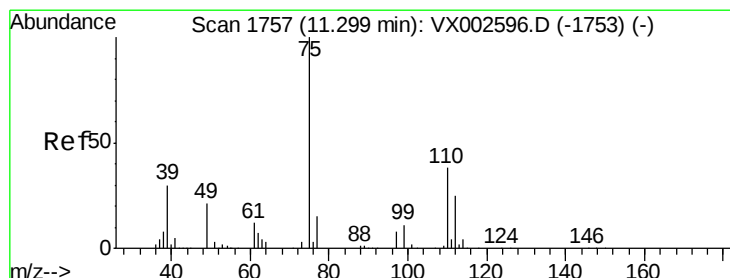
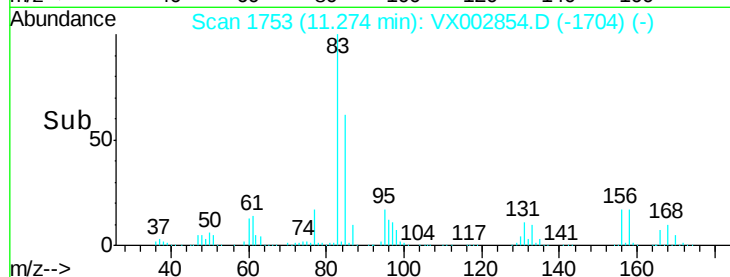
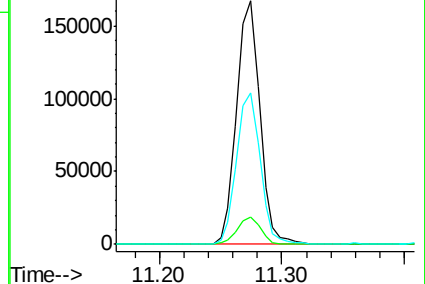
85 63.7 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.86 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002854.D

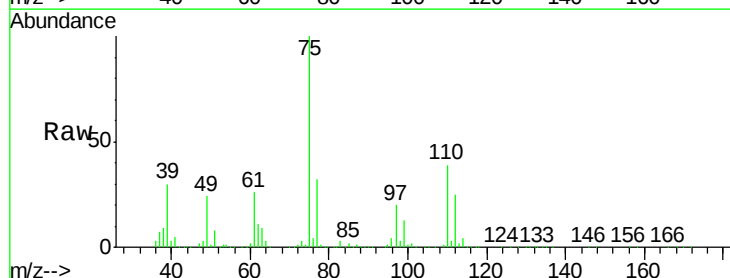
Acq: 23 Jun 2018 01:44

Tgt Ion: 75 Resp: 243939

Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.8	68.3

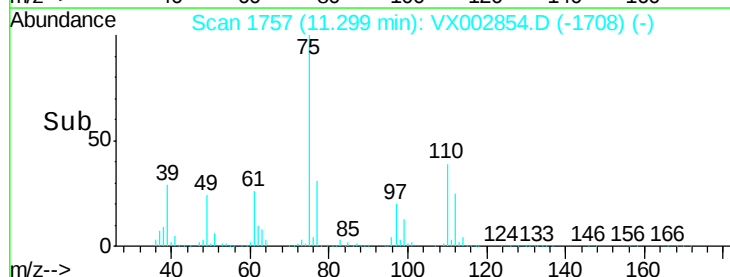
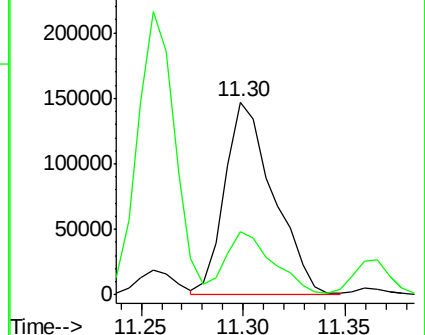
75 100

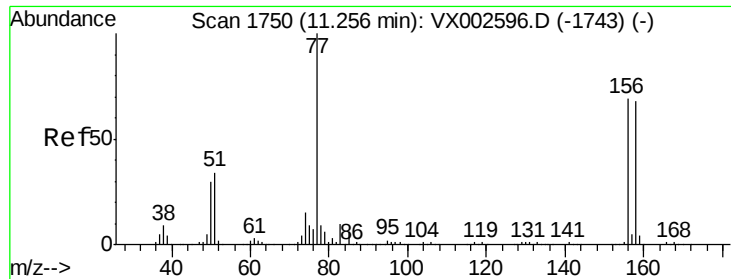
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.74 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

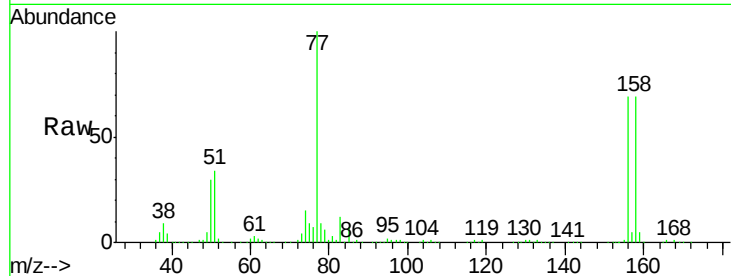
Tot Ion:156 Resp: 197561

Ion Ratio Lower Upper

156 100

77 138.9 71.4 214.2

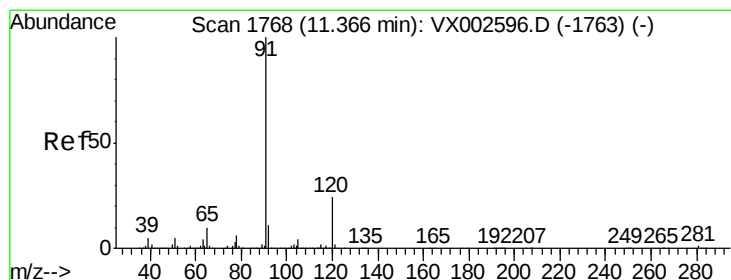
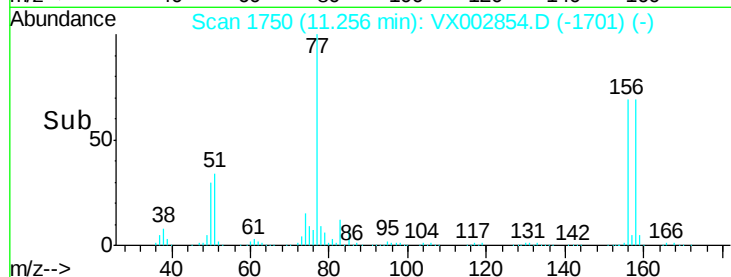
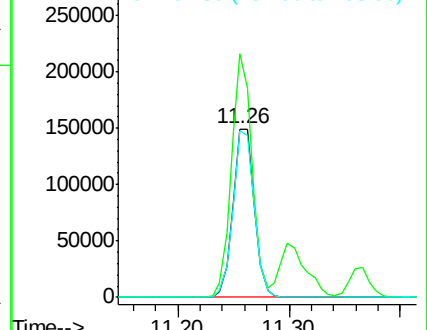
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.02 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002854.D

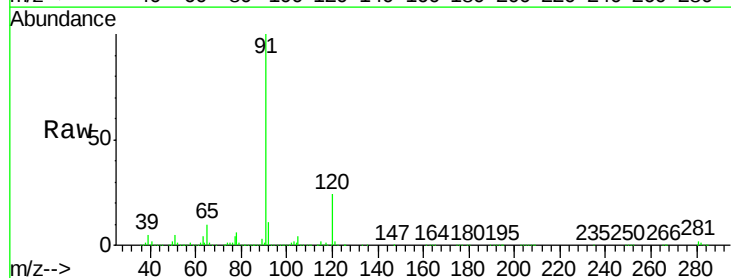
Acq: 23 Jun 2018 01:44

Tgt Ion: 91 Resp: 817815

Ion Ratio Lower Upper

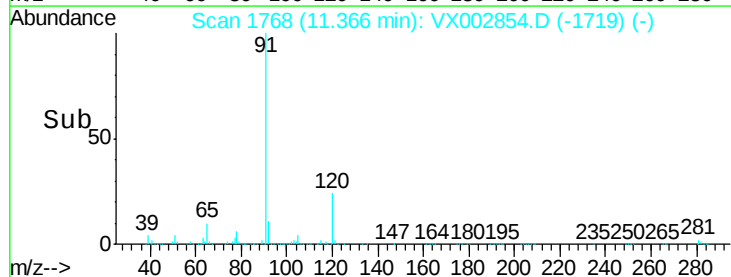
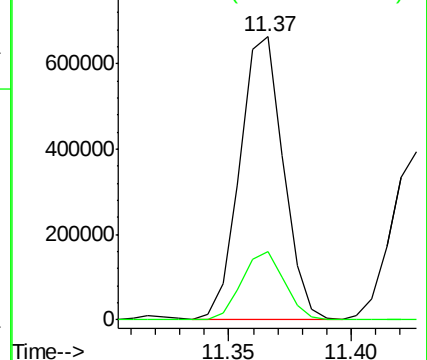
91 100

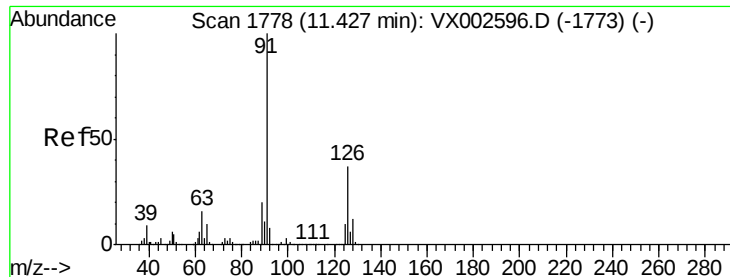
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

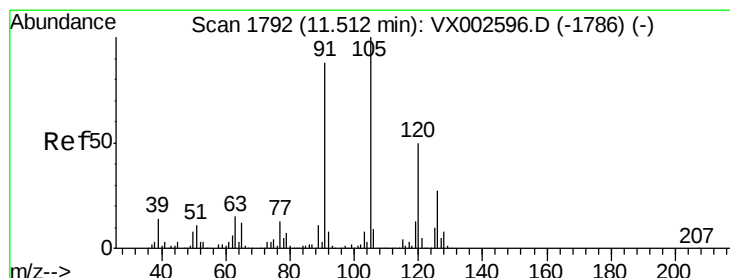
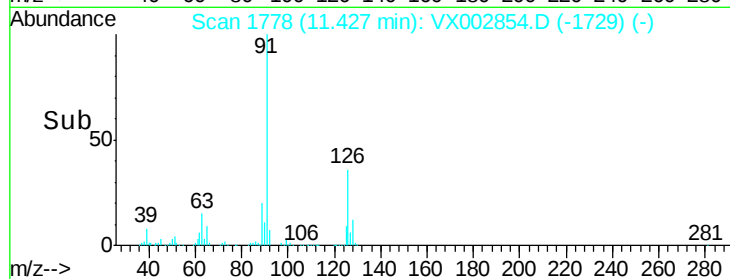
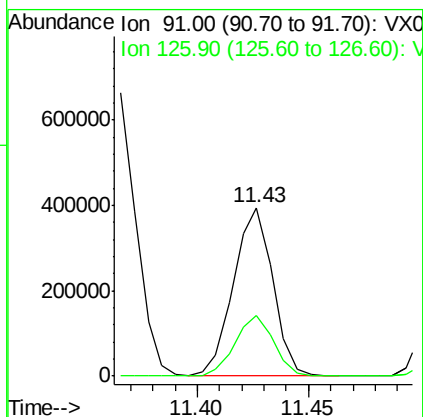
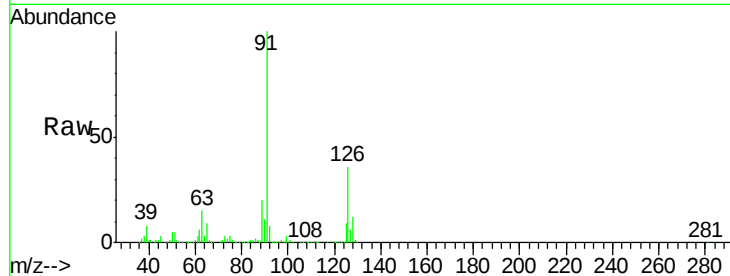




#79
 2-Chlorotoluene
 Concen: 50.63 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

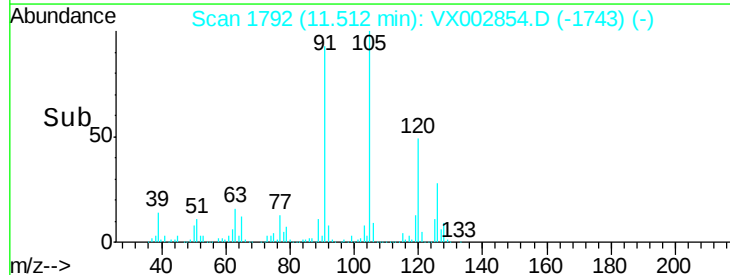
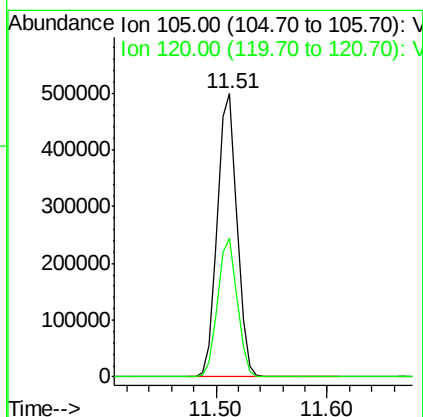
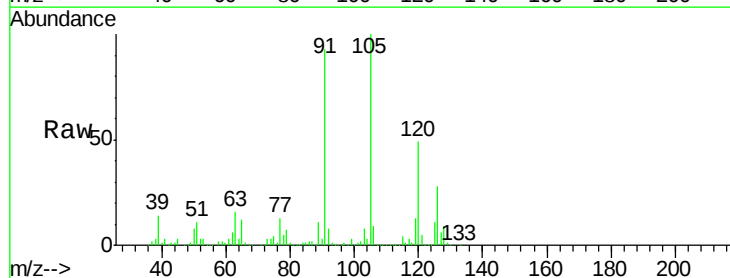
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

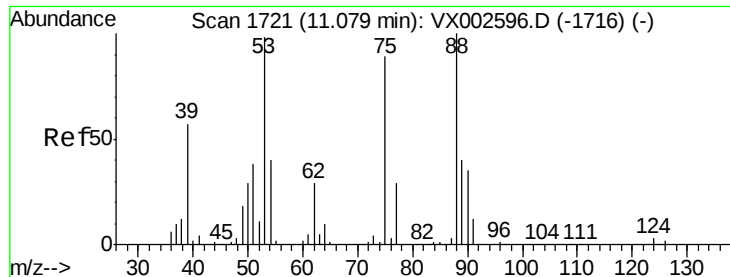
Tot Ion: 91 Resp: 484510
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 51.74 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 105 Resp: 611083
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

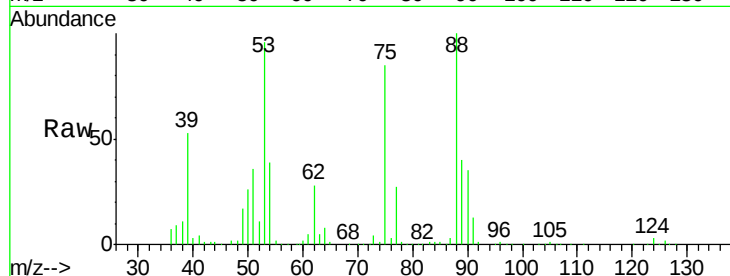
Tot Ion: 75 Resp: 50973

Ion Ratio Lower Upper

75 100

53 113.2 86.8 130.2

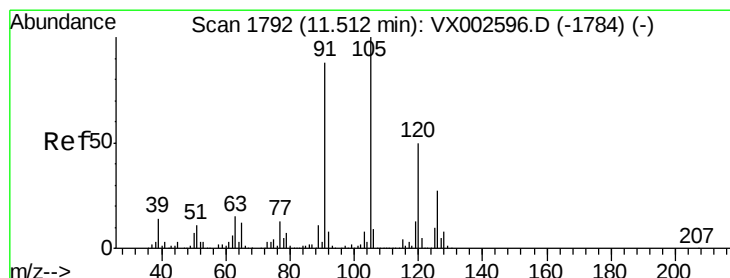
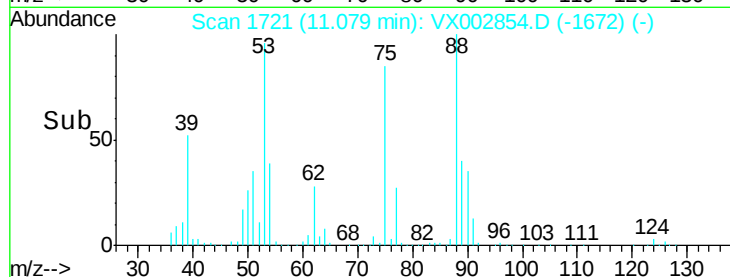
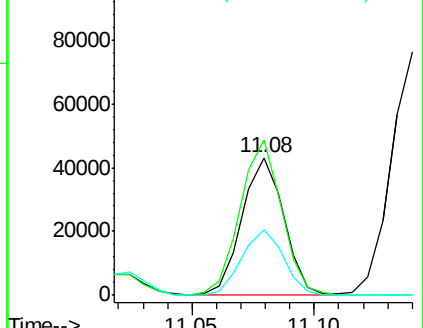
89 48.7 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002854.D

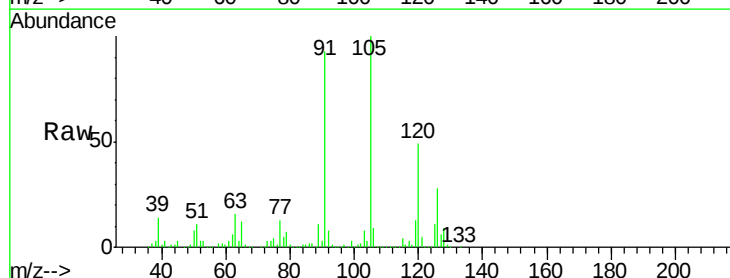
Acq: 23 Jun 2018 01:44

Tgt Ion: 91 Resp: 573994

Ion Ratio Lower Upper

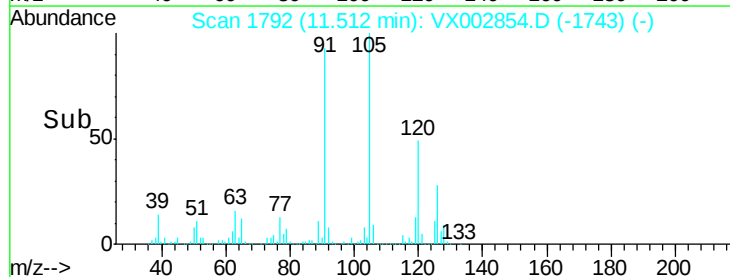
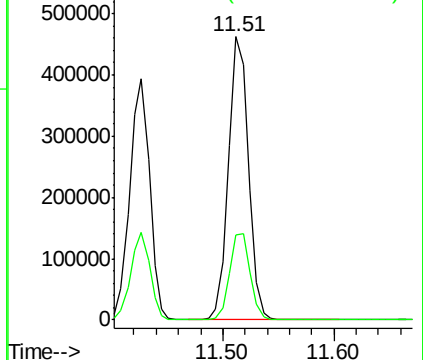
91 100

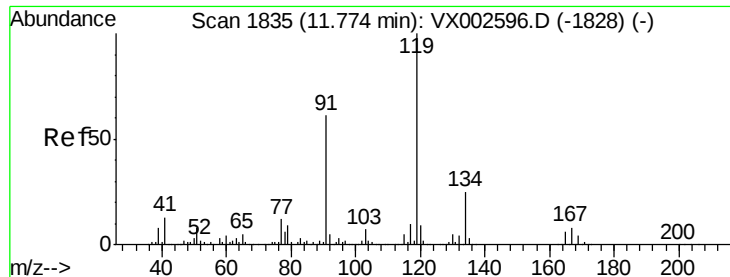
126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

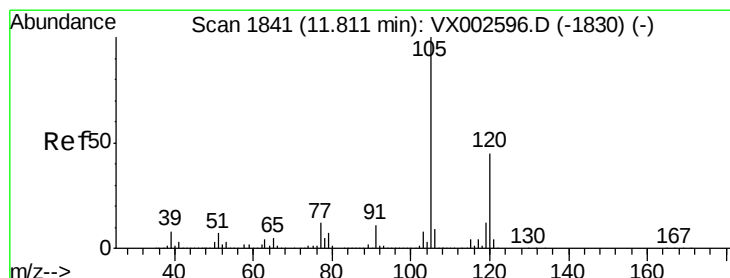
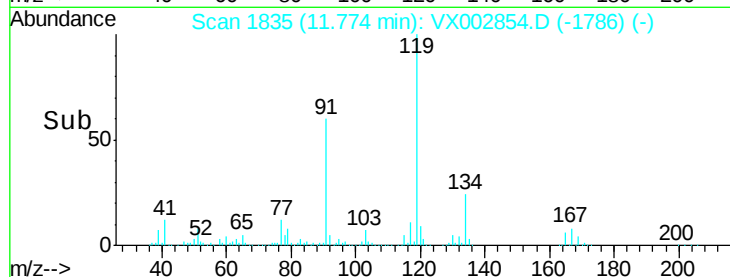
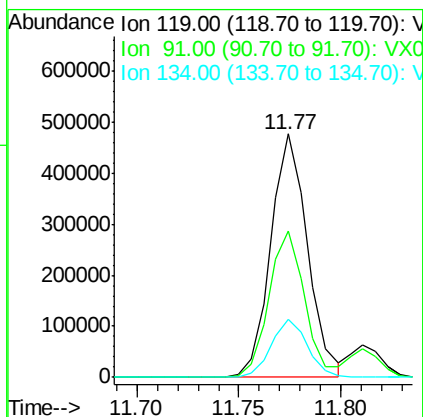
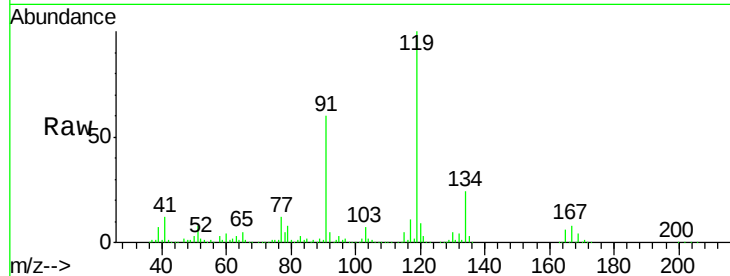




#83
tert-Butylbenzene
Concen: 52.66 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

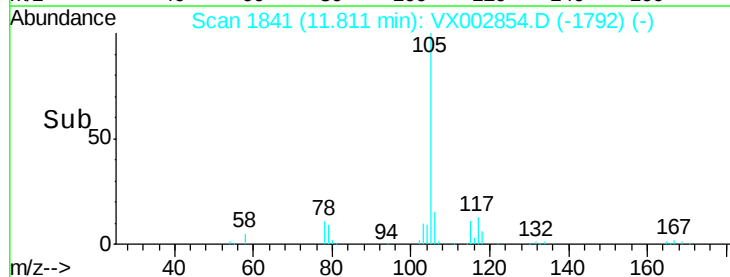
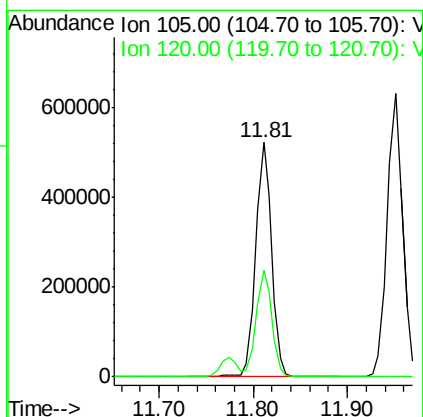
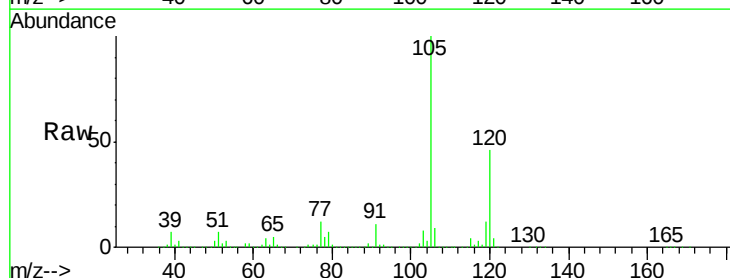
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

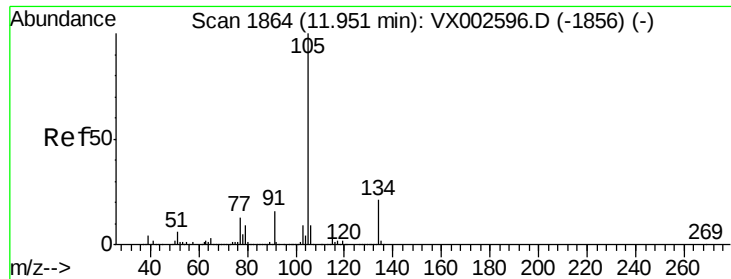
Tot Ion:119 Resp: 599218
Ion Ratio Lower Upper
119 100
91 58.9 30.3 90.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.98 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002854.D
Acq: 23 Jun 2018 01:44

Tgt Ion:105 Resp: 626411
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

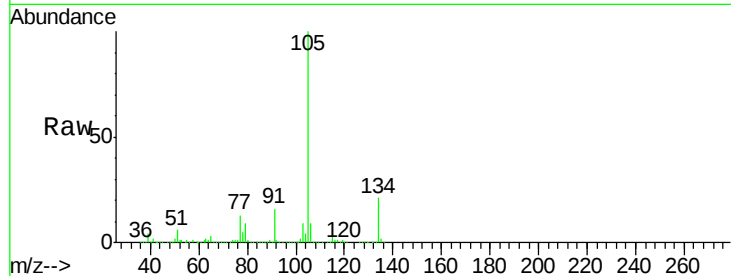
VSTDCCC050EC

Tot Ion:105 Resp: 726235

Ion Ratio Lower Upper

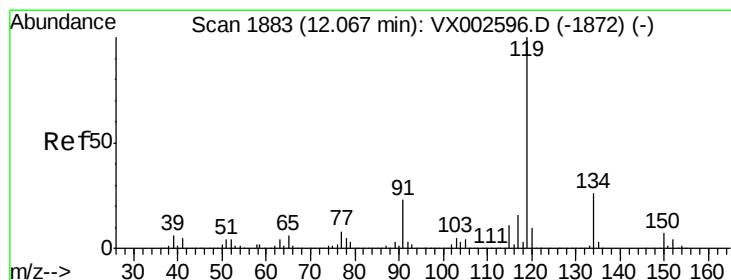
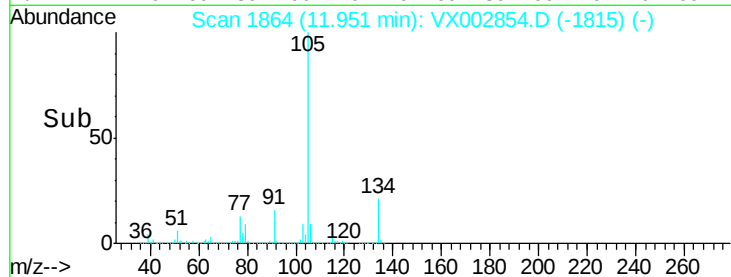
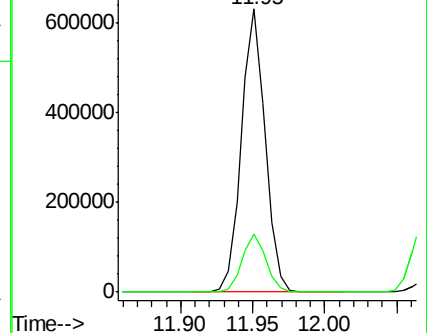
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.01 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

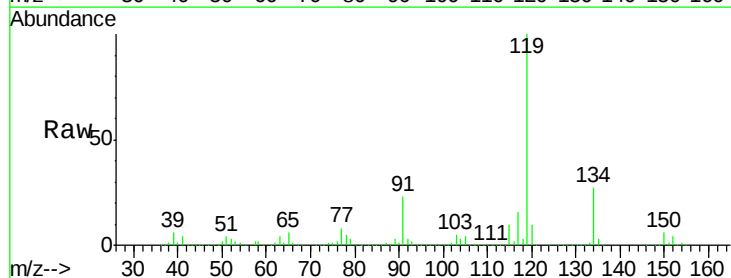
Tgt Ion:119 Resp: 653054

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

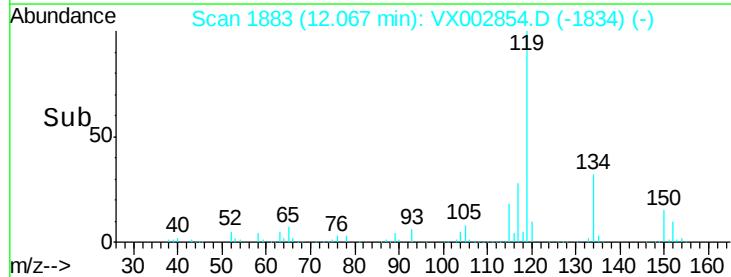
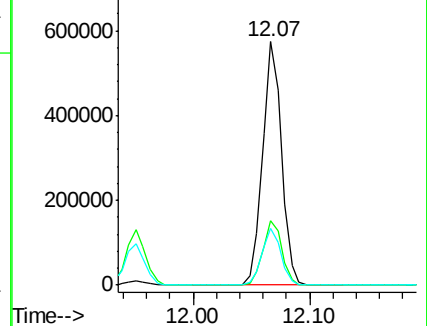
91 23.6 11.9 35.7

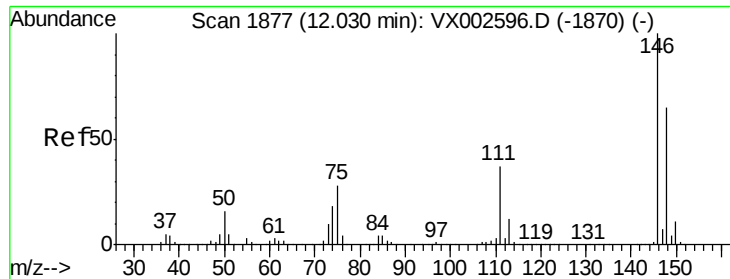


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

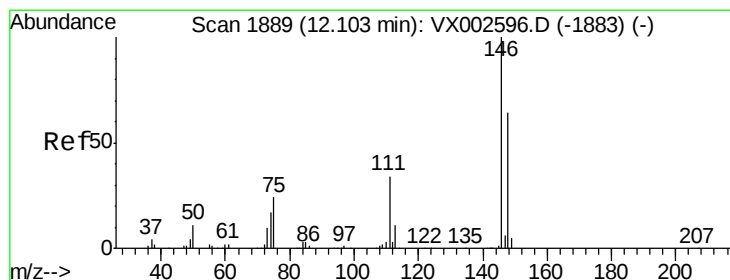
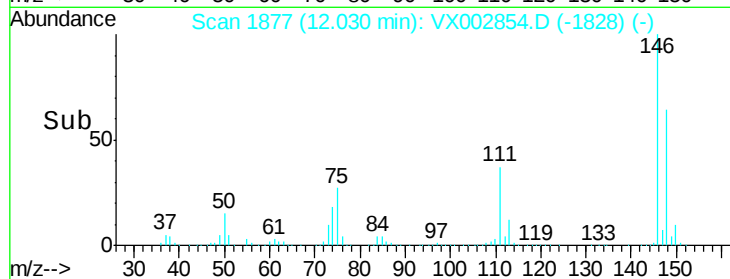
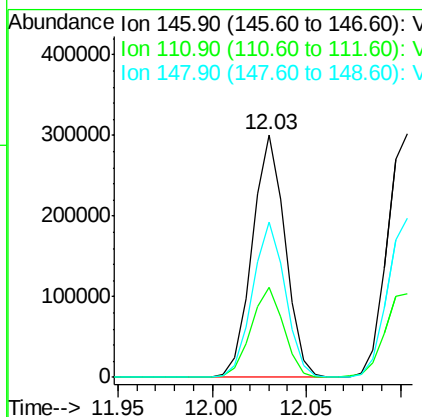
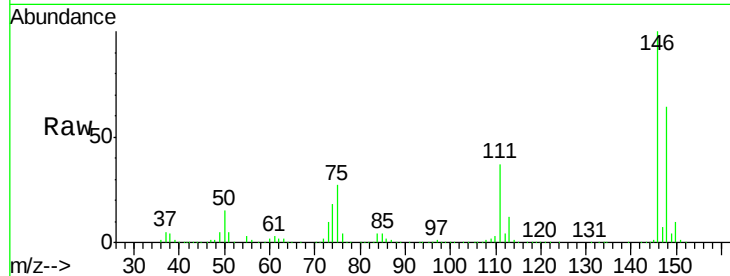




#87
 1,3-Dichlorobenzene
 Concen: 50.91 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

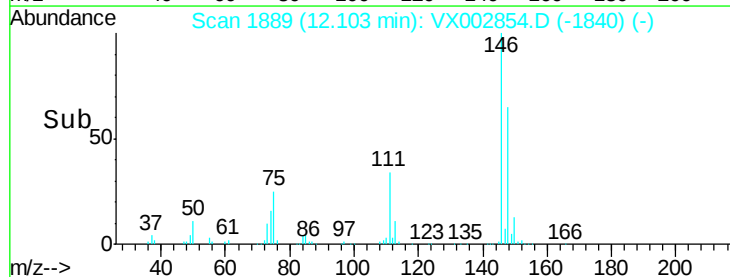
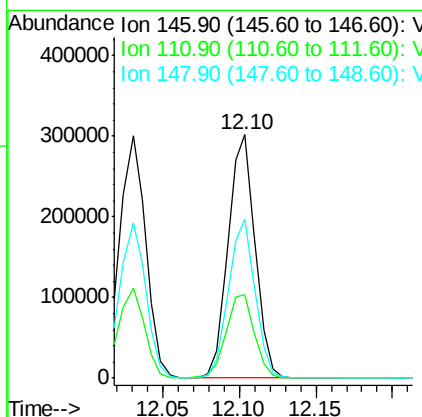
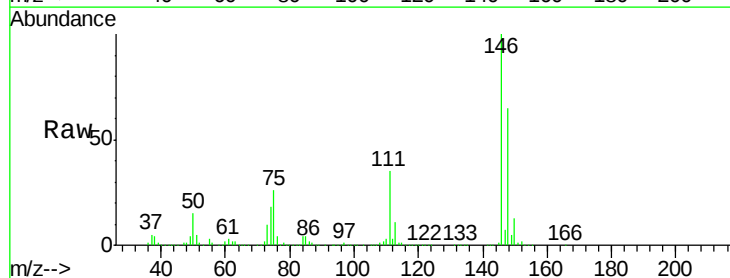
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

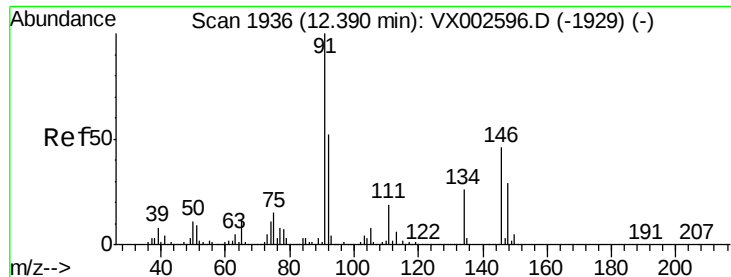
Tot Ion:146 Resp: 363552
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.7
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.46 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion:146 Resp: 366585
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 49.45 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

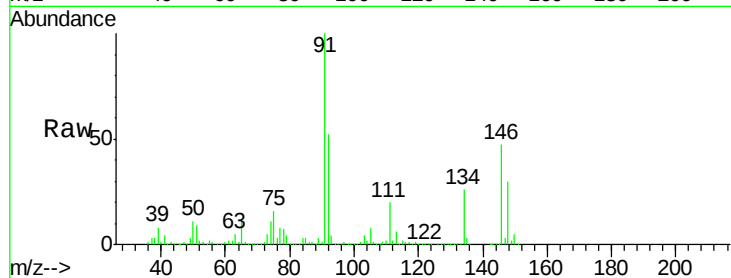
Tot Ion: 91 Resp: 558387

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 27.7 13.5 40.5

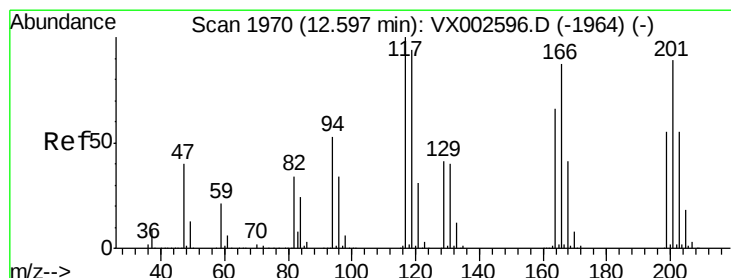
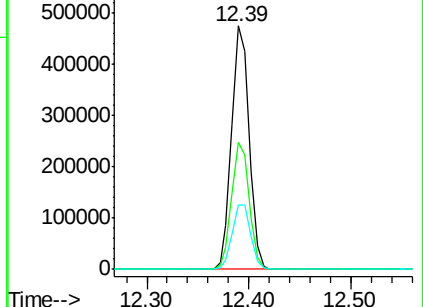
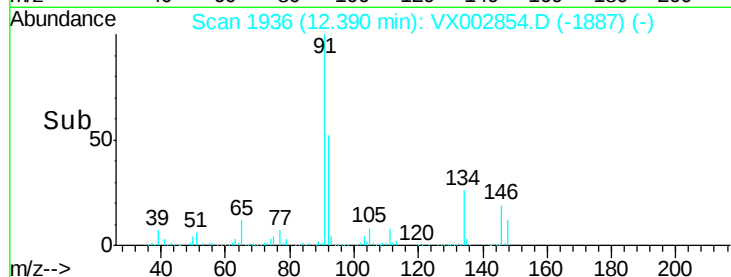


Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002596.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002596.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 46.90 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002854.D

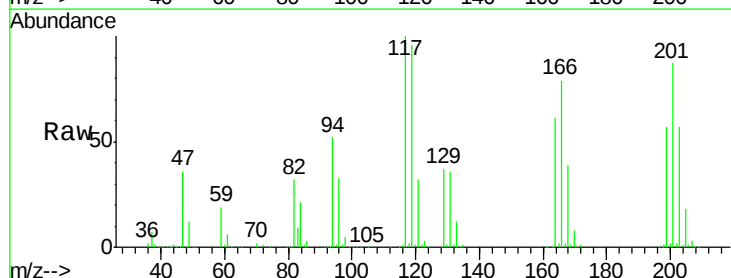
Acq: 23 Jun 2018 01:44

Tgt Ion: 117 Resp: 93243

Ion Ratio Lower Upper

117 100

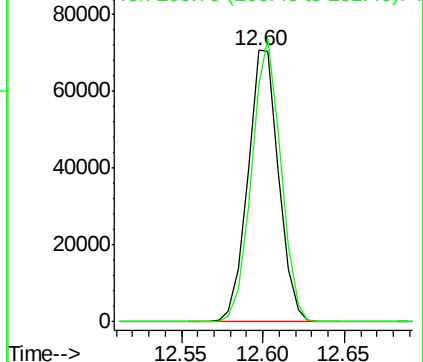
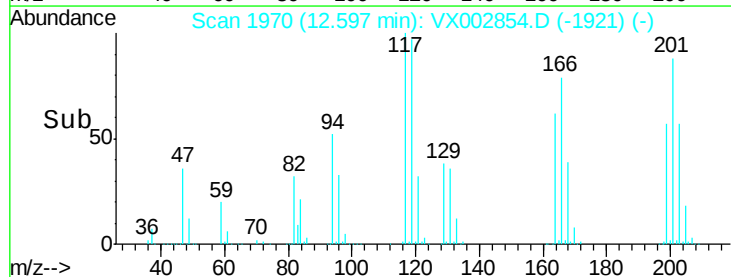
201 98.4 49.0 147.0

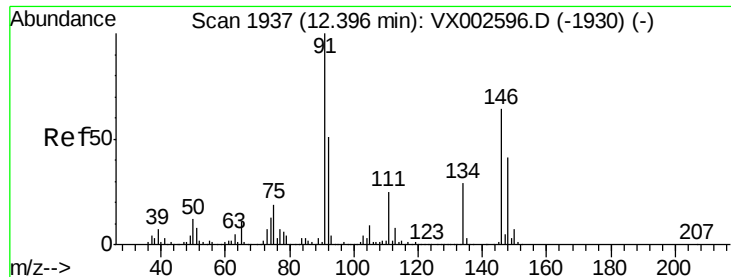


Abundance Ion 116.80 (116.50 to 117.50): VX002596.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002596.D (-1964) (-)

Time-->

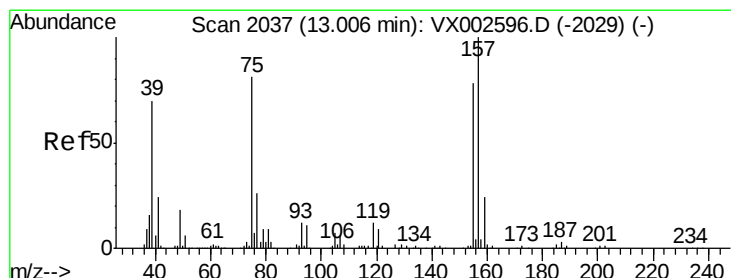
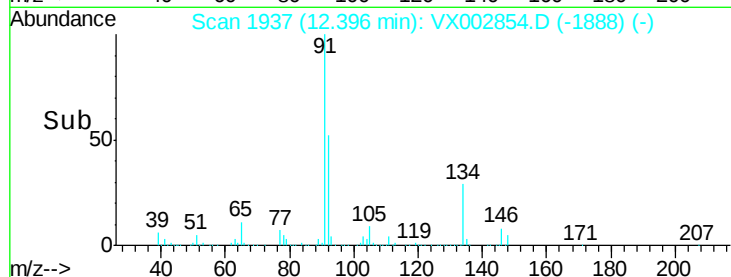
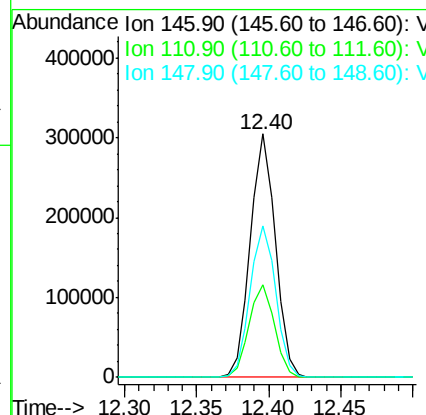
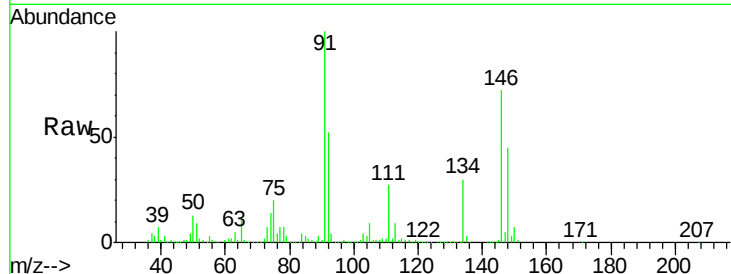




#91
 1,2-Dichlorobenzene
 Concen: 51.03 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

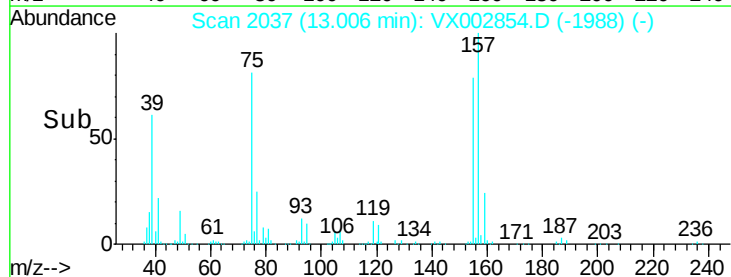
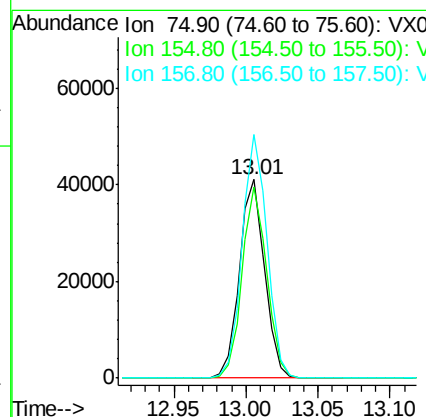
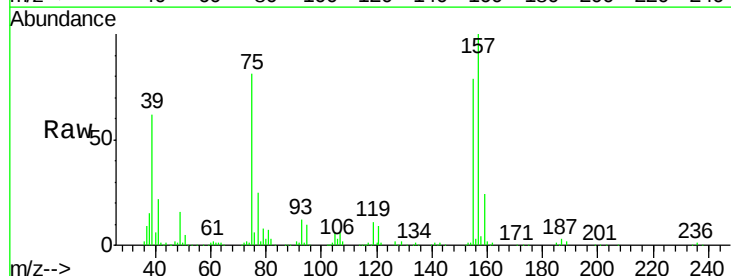
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

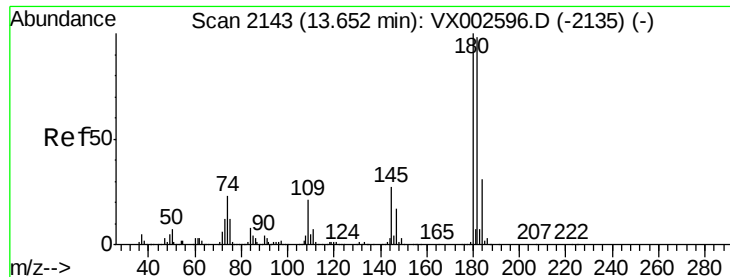
Tot Ion:146 Resp: 366755
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.30 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion: 75 Resp: 50398
 Ion Ratio Lower Upper
 75 100
 155 93.7 45.8 137.4
 157 120.1 60.1 180.3

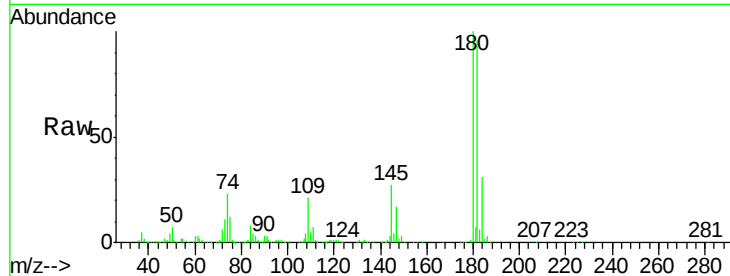




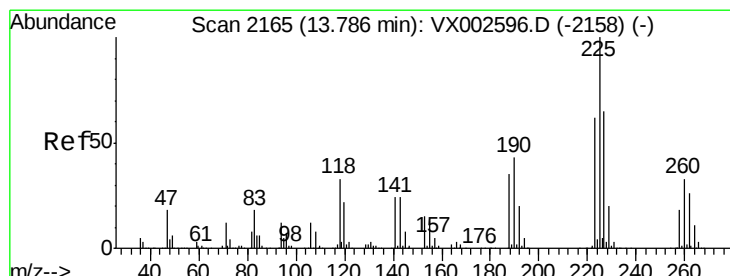
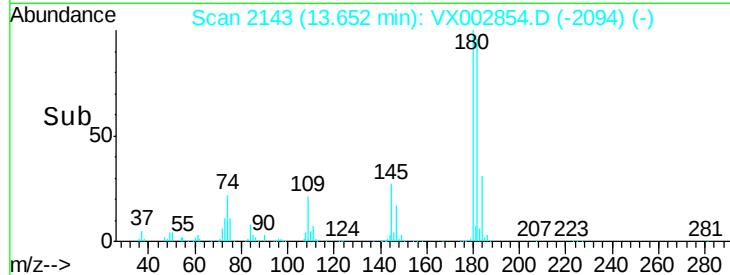
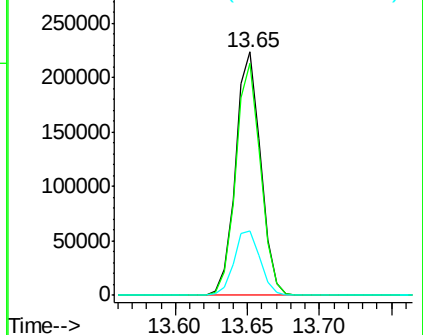
#93
 1,2,4-Trichlorobenzene
 Concen: 51.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 270899
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.7 143.1
 145 28.0 14.1 42.4

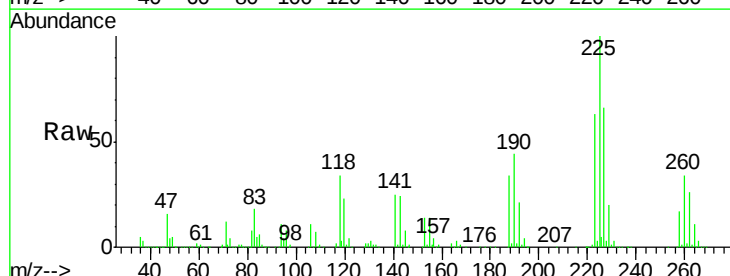


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

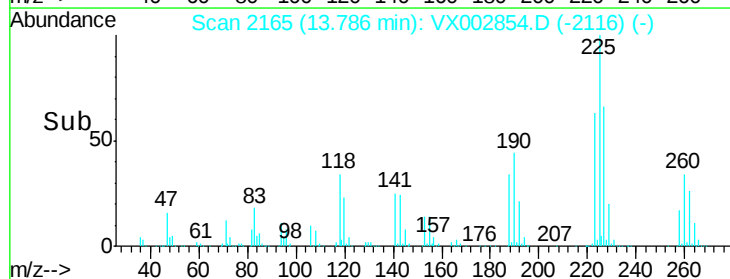
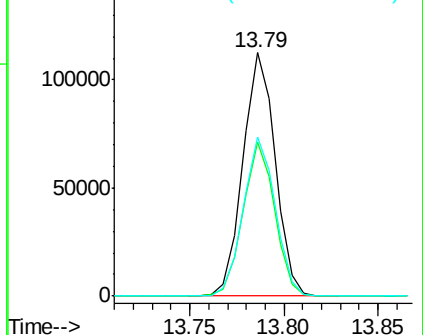


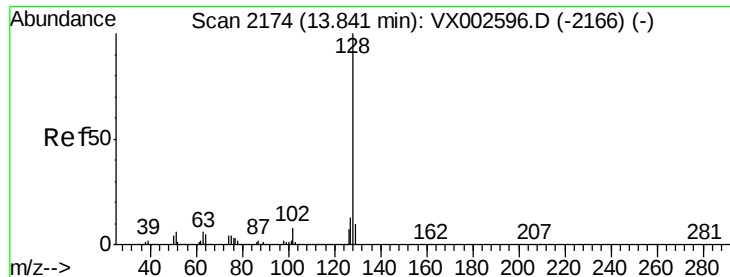
#94
 Hexachlorobutadiene
 Concen: 48.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002854.D
 Acq: 23 Jun 2018 01:44

Tgt Ion:225 Resp: 133620
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.6 95.0
 227 64.6 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

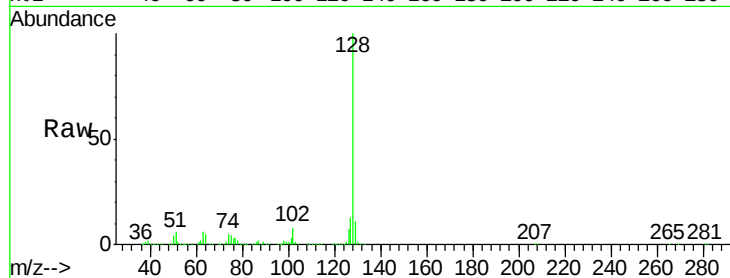
Tot Ion:128 Resp: 767384

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

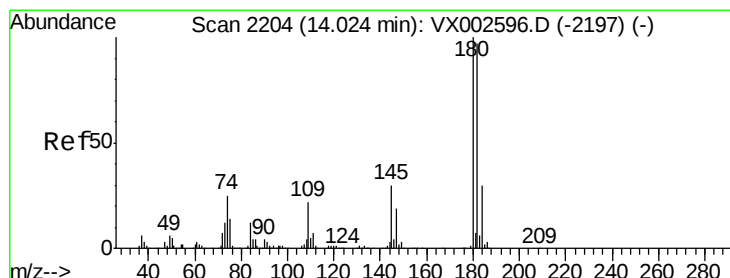
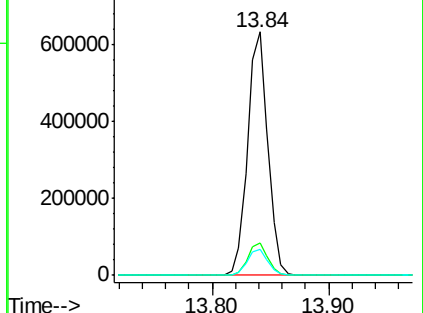
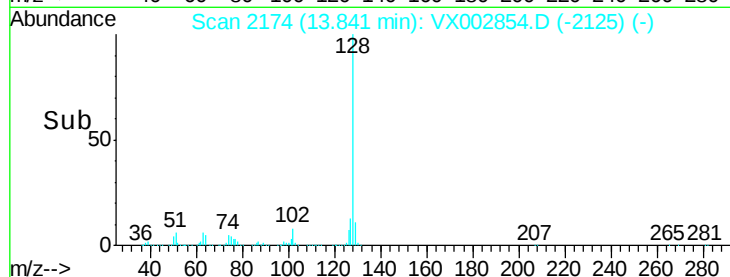
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002854.D

Acq: 23 Jun 2018 01:44

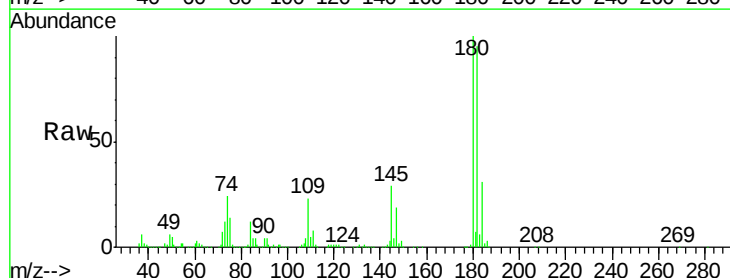
Tgt Ion:180 Resp: 276021

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 29.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

