

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003543.D
 Acq On : 21 Jul 2018 07:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 00:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231422	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	186003	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	5.51	113	181034	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
50) Toluene-d8	8.72	98	605162	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	222288	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120875	50.94	ug/l	98
3) Chloromethane	1.32	50	175442	59.87	ug/l	96
4) Vinyl Chloride	1.40	62	182547	48.07	ug/l	96
5) Bromomethane	1.64	94	75645	50.07	ug/l	98
6) Chloroethane	1.72	64	124671	55.47	ug/l	96
7) Trichlorofluoromethane	1.93	101	257761	50.87	ug/l	98
8) Diethyl Ether	2.19	74	117914	54.18	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157632	47.53	ug/l	98
10) Methyl Iodide	2.51	142	230457	57.85	ug/l	93
11) Tert butyl alcohol	3.07	59	201097	287.16	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151690	49.68	ug/l	84
13) Acrolein	2.29	56	69187	218.66	ug/l	90
14) Allyl chloride	2.73	41	271983	50.32	ug/l	87
15) Acrylonitrile	3.15	53	487791	273.60	ug/l	98
16) Acetone	2.45	43	376494	281.65	ug/l #	85
17) Carbon Disulfide	2.57	76	438646	53.12	ug/l	99
18) Methyl Acetate	2.78	43	249865	59.29	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	553291	55.49	ug/l	97
20) Methylene Chloride	2.86	84	184997	56.72	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	174002	51.22	ug/l	87
22) Diisopropyl ether	3.88	45	597342	58.73	ug/l	91
23) Vinyl Acetate	3.83	43	2390462	285.31	ug/l	97
24) 1,1-Dichloroethane	3.69	63	337500	56.55	ug/l	99
25) 2-Butanone	4.71	43	646244	288.14	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	139475	30.77	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	200393	52.97	ug/l	96
28) Bromochloromethane	5.03	49	148332	56.87	ug/l	88
29) Tetrahydrofuran	5.17	42	421462	284.47	ug/l	91
30) Chloroform	5.22	83	329510	56.54	ug/l	96
31) Cyclohexane	5.57	56	276411	51.84	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	277552	55.62	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224358	51.78	ug/l	99
37) Ethyl Acetate	4.86	43	252421	61.56	ug/l	96
38) Carbon Tetrachloride	5.79	117	234149	55.09	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247945	48.31	ug/l	94
40) Benzene	6.14	78	674392	51.55	ug/l	98
41) Methacrylonitrile	5.06	41	145048	60.19	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227050	55.09	ug/l	97
43) Isopropyl Acetate	6.46	43	356143	54.61	ug/l	94
44) Trichloroethene	7.21	130	203743	52.22	ug/l	86
45) 1,2-Dichloropropane	7.52	63	176081	53.01	ug/l	98
46) Dibromomethane	7.67	93	115420	53.97	ug/l	97
47) Bromodichloromethane	7.90	83	215605	55.07	ug/l	98
48) Methyl methacrylate	7.78	41	186636	56.74	ug/l	85
49) 1,4-Dioxane	7.76	88	79967	1073.04	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1179150	286.18	ug/l	92
52) Toluene	8.79	92	455036	55.26	ug/l	95
53) t-1,3-Dichloropropene	8.44	75	247993	51.46	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	221296	51.07	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	193450	59.04	ug/l	91
56) Ethyl methacrylate	9.18	69	285325	61.82	ug/l #	82
57) 1,3-Dichloropropane	9.38	76	298236	56.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	600974	267.79	ug/l	98
59) 2-Hexanone	9.50	43	878450	287.75	ug/l	88
60) Dibromochloromethane	9.59	129	180573	55.68	ug/l	99
61) 1,2-Dibromoethane	9.68	107	183524	54.03	ug/l	99
64) Tetrachloroethene	9.34	164	242540	52.47	ug/l	98
65) Chlorobenzene	10.14	112	483008	49.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175909	52.30	ug/l	99
67) Ethyl Benzene	10.26	91	804730	51.20	ug/l	100
68) m/p-Xylenes	10.36	106	631719	102.52	ug/l	97
69) o-Xylene	10.70	106	308186	51.72	ug/l	96
70) Styrene	10.71	104	520828	53.14	ug/l	97
71) Bromoform	10.86	173	142094	54.37	ug/l	99
73) Isopropylbenzene	11.02	105	822362	51.38	ug/l	100
74) N-amyl acetate	6.46	43	356143	52.40	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	247779	52.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277154	66.66	ug/l	80
77) Bromobenzene	11.26	156	228044	49.54	ug/l	97
78) n-propylbenzene	11.36	91	921225	51.78	ug/l	99
79) 2-Chlorotoluene	11.42	91	546486	50.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687978	52.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60294	41.61	ug/l	89
82) 4-Chlorotoluene	11.51	91	642983	50.81	ug/l	98
83) tert-Butylbenzene	11.77	119	653435	50.73	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	706921	52.82	ug/l	98
85) sec-Butylbenzene	11.95	105	793063	50.69	ug/l	100
86) p-Isopropyltoluene	12.07	119	721593	51.39	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	406220	48.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	413809	47.47	ug/l	99
89) n-Butylbenzene	12.39	91	594205	49.84	ug/l	99
90) Hexachloroethane	12.60	117	98067	49.13	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	414303	49.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47483	52.02	ug/l	88

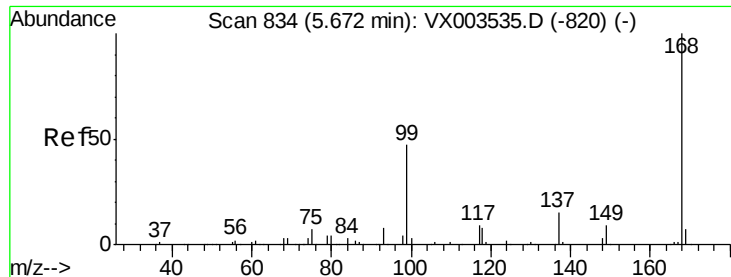
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	295140	48.29	ug/l	100
94) Hexachlorobutadiene	13.79	225	132865	45.20	ug/l	99
95) Naphthalene	13.83	128	856929	53.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302447	49.99	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

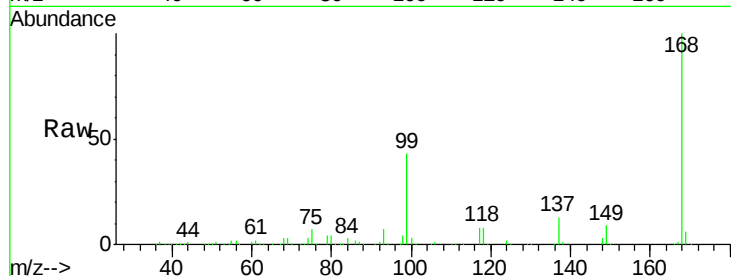
VSTDCCC050EC

Tot Ion:168 Resp: 298966

Ion Ratio Lower Upper

168 100

99 42.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

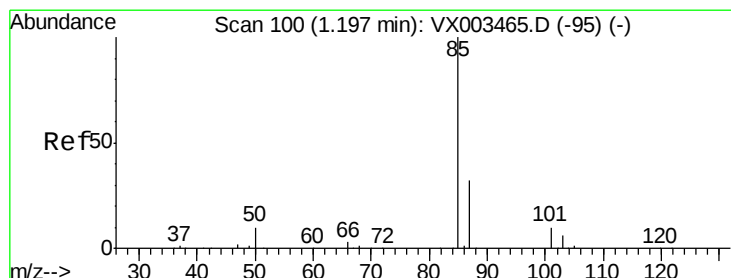
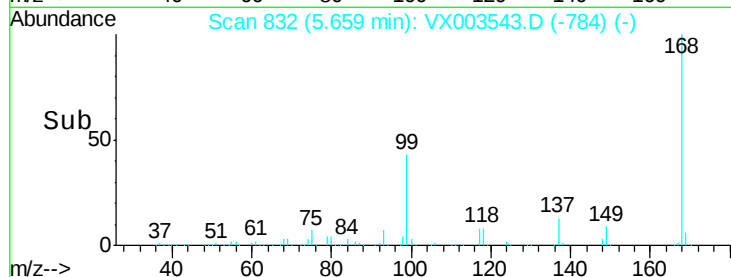
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003543.D

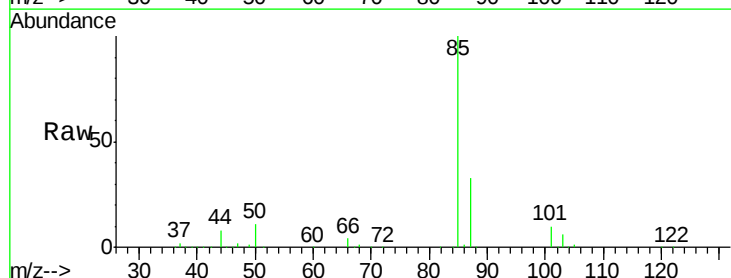
Acq: 21 Jul 2018 07:06

Tgt Ion: 85 Resp: 120875

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

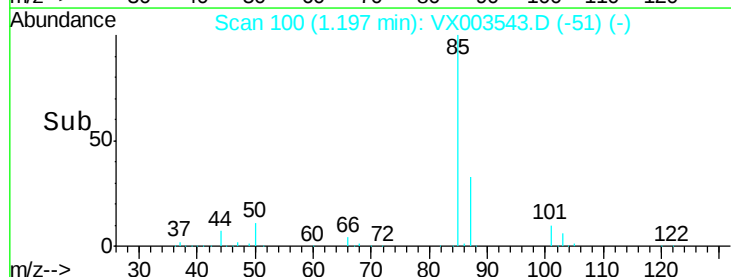
1.20

100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 59.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

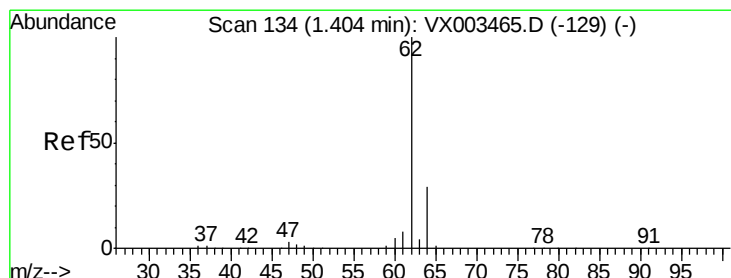
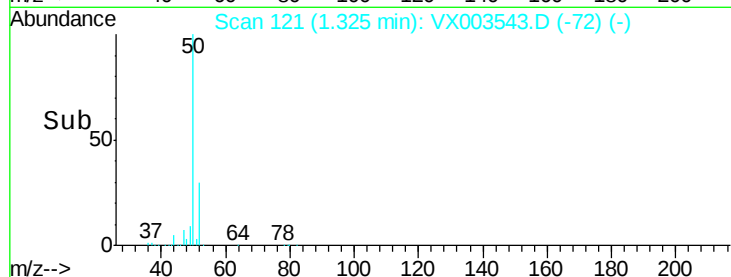
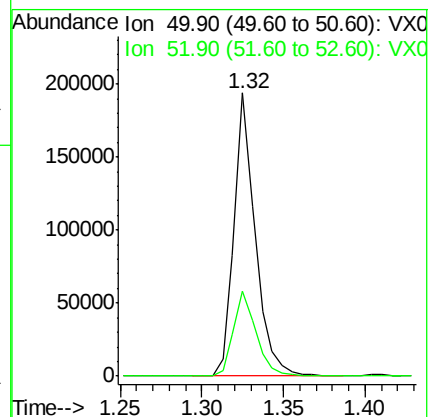
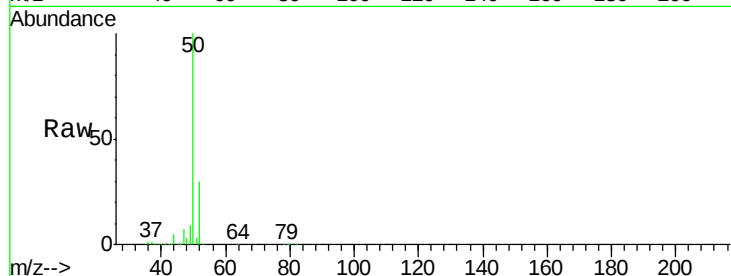
VSTDCCC050EC

Tot Ion: 50 Resp: 175442

Ion Ratio Lower Upper

50 100

52 30.1 25.7 38.5



#4

Vinyl Chloride

Concen: 48.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003543.D

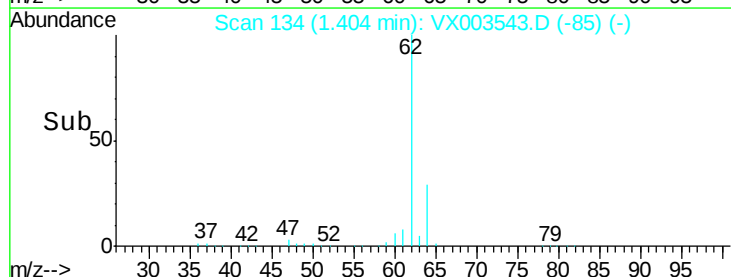
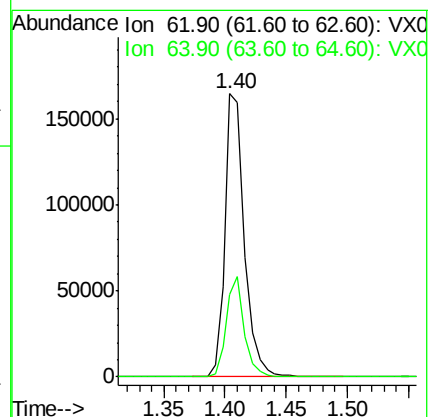
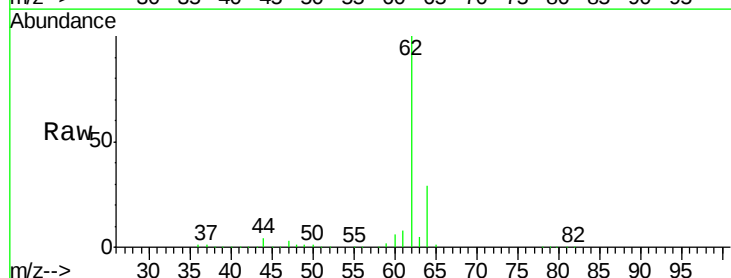
Acq: 21 Jul 2018 07:06

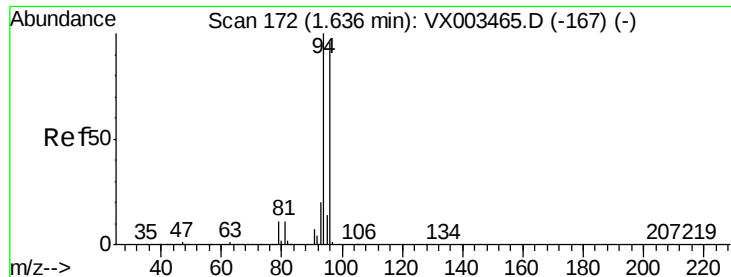
Tgt Ion: 62 Resp: 182547

Ion Ratio Lower Upper

62 100

64 29.3 25.4 38.2





#5

Bromomethane

Concen: 50.07 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

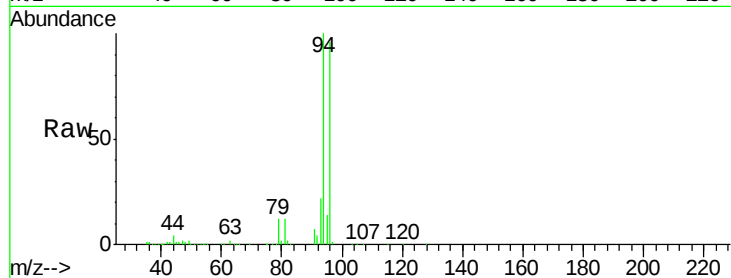
VSTDCCC050EC

Tot Ion: 94 Resp: 75645

Ion Ratio Lower Upper

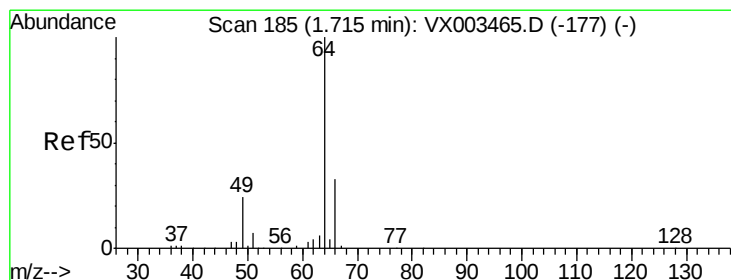
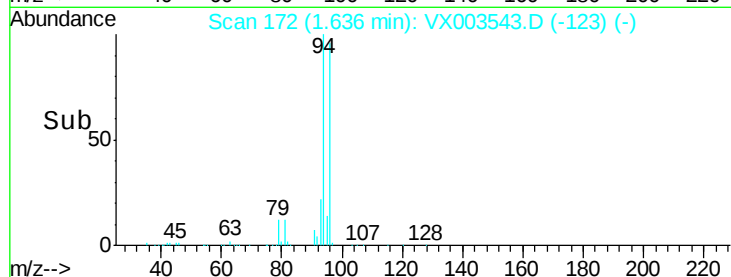
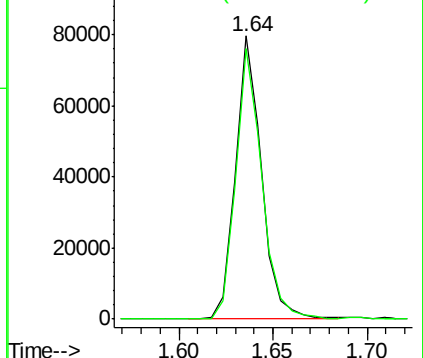
94 100

96 95.6 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: 55.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003543.D

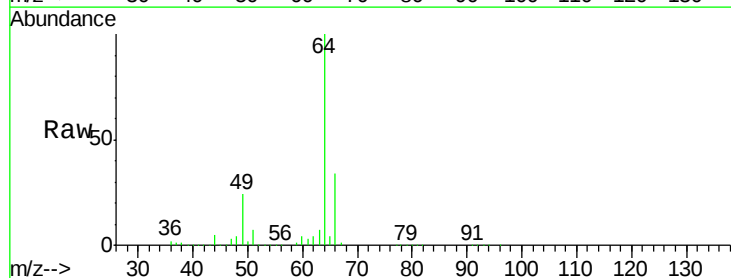
Acq: 21 Jul 2018 07:06

Tgt Ion: 64 Resp: 124671

Ion Ratio Lower Upper

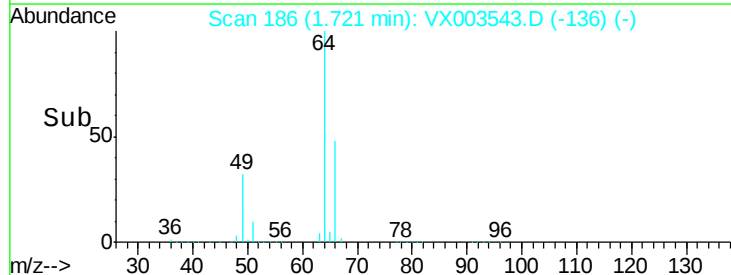
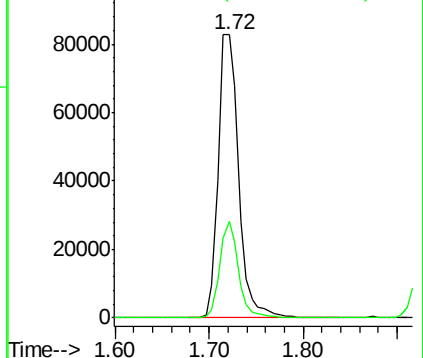
64 100

66 34.2 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: 50.87 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

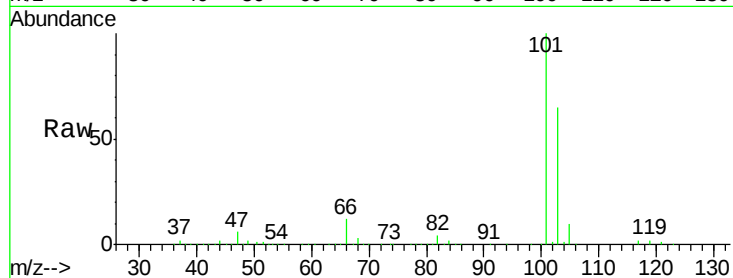
VSTDCCC050EC

Tot Ion:101 Resp: 257761

Ion Ratio Lower Upper

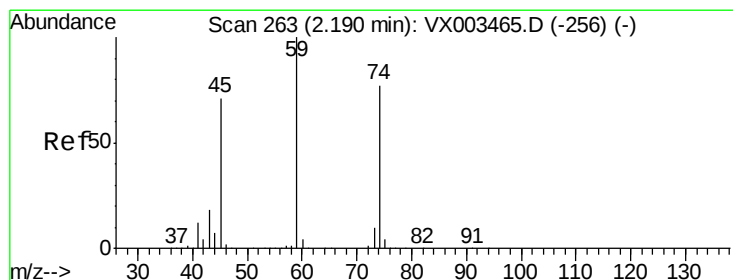
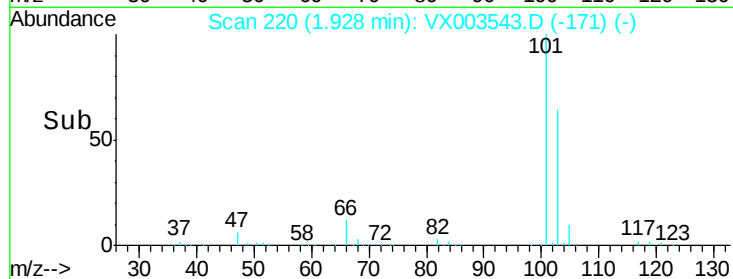
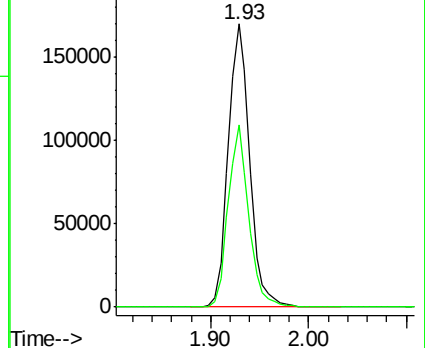
101 100

103 64.5 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.18 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003543.D

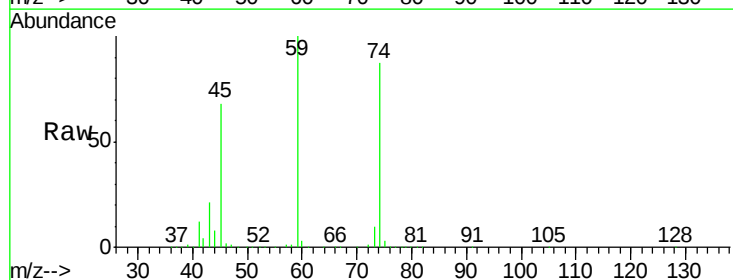
Acq: 21 Jul 2018 07:06

Tgt Ion: 74 Resp: 117914

Ion Ratio Lower Upper

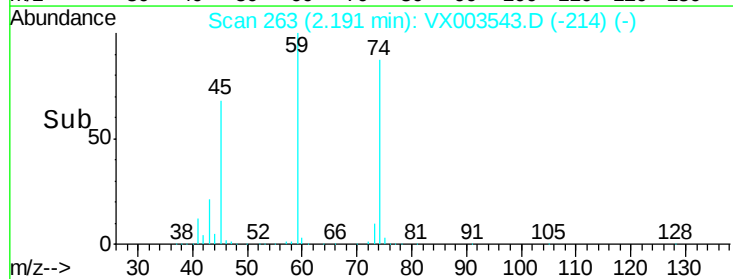
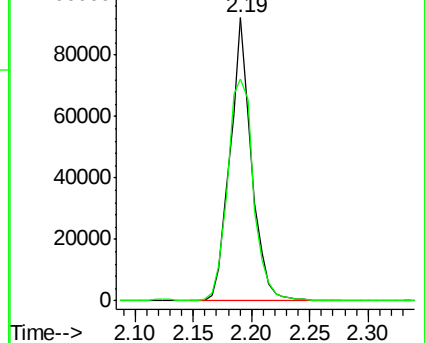
74 100

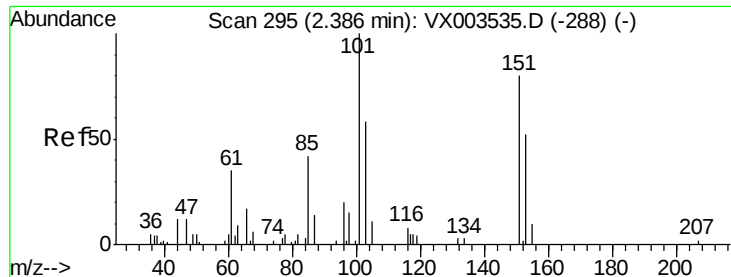
45 94.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

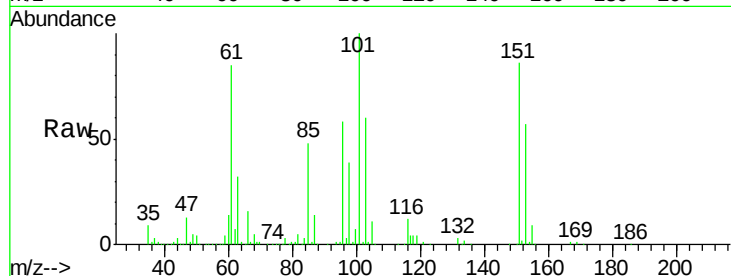
Tot Ion:101 Resp: 157632

Ion Ratio Lower Upper

101 100

85 41.5 36.0 54.0

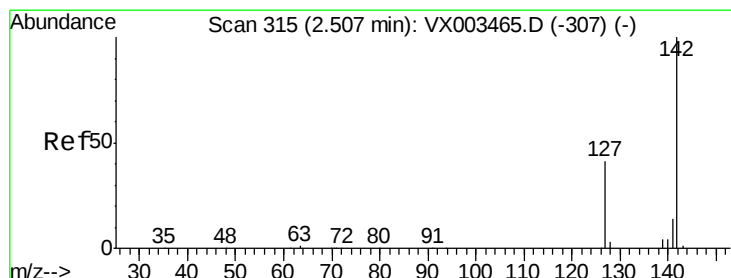
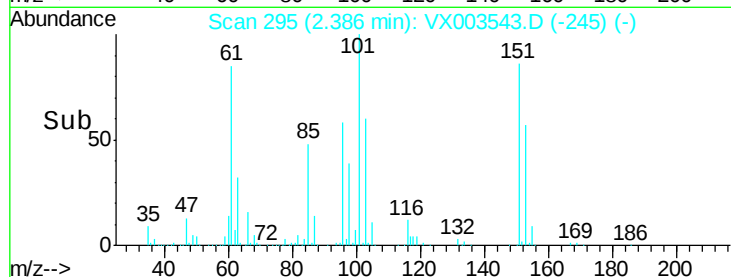
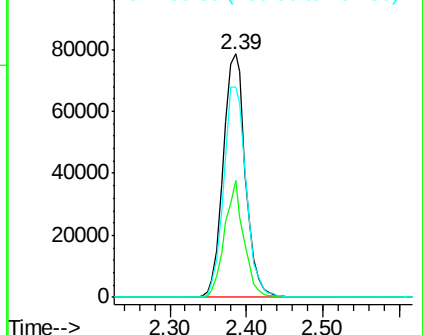
151 87.9 70.9 106.3



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: 57.85 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

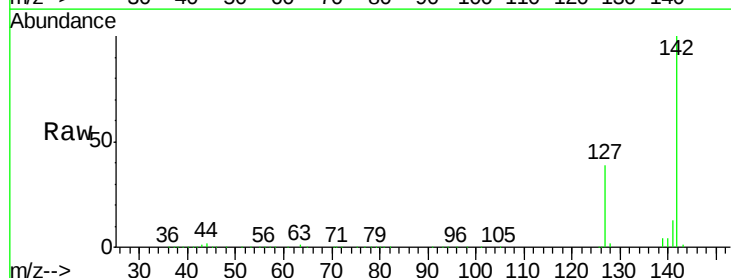
Tgt Ion:142 Resp: 230457

Ion Ratio Lower Upper

142 100

127 40.0 36.6 55.0

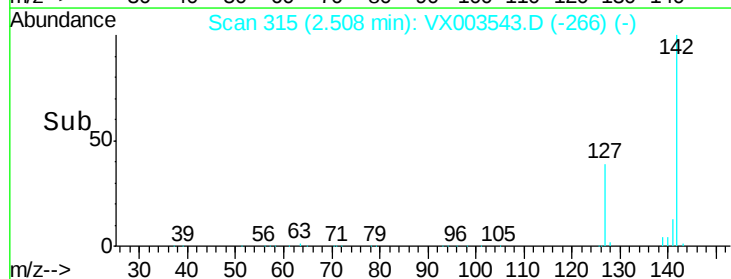
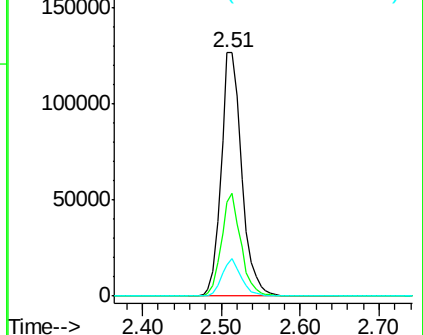
141 14.2 11.3 16.9

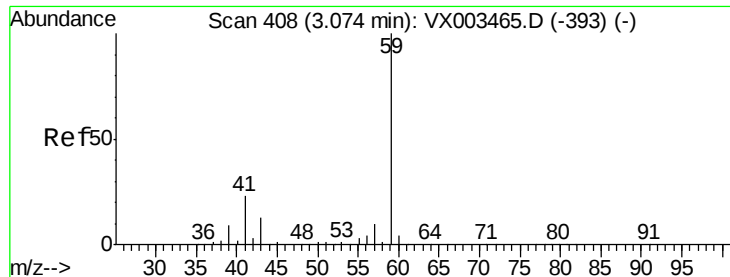


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

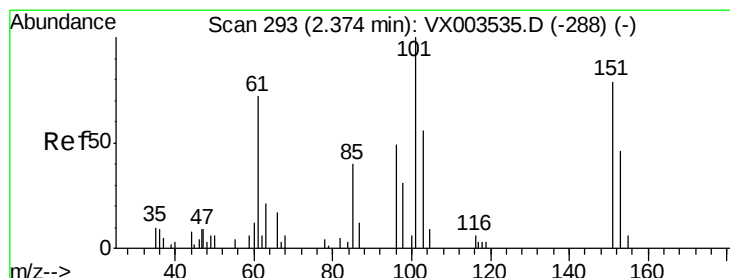
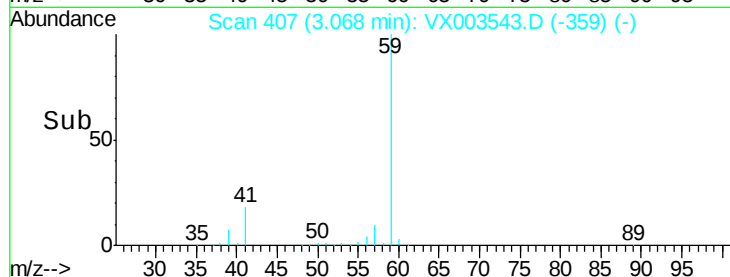
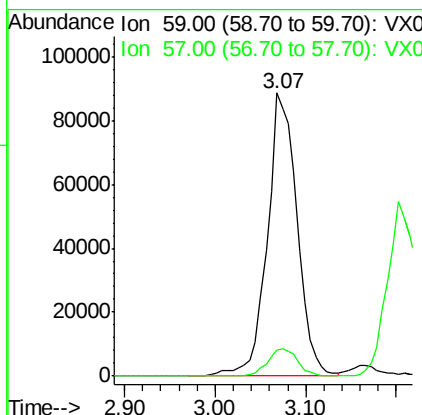
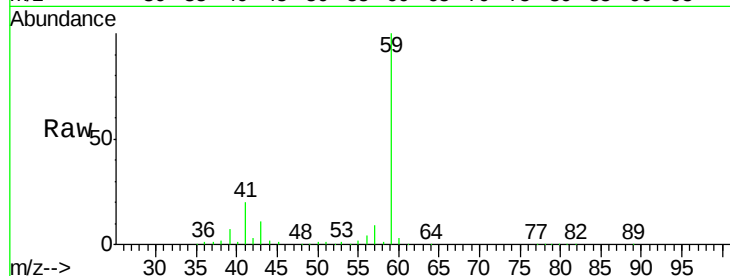




#11
Tert butyl alcohol
Concen: 287.16 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

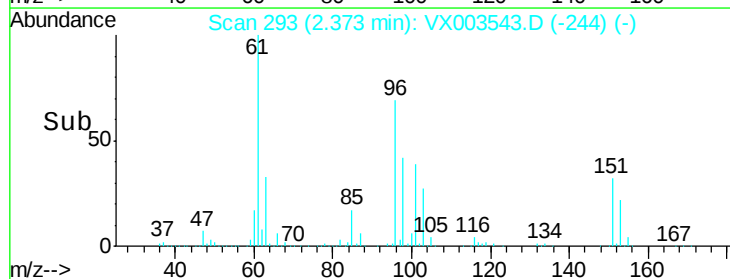
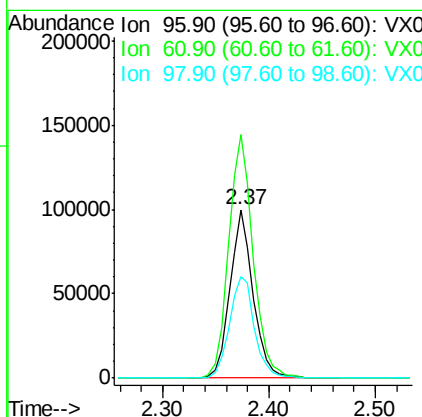
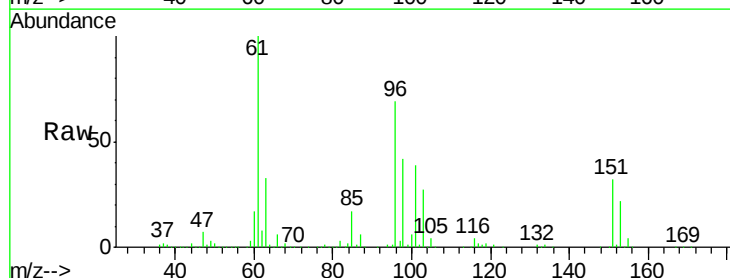
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

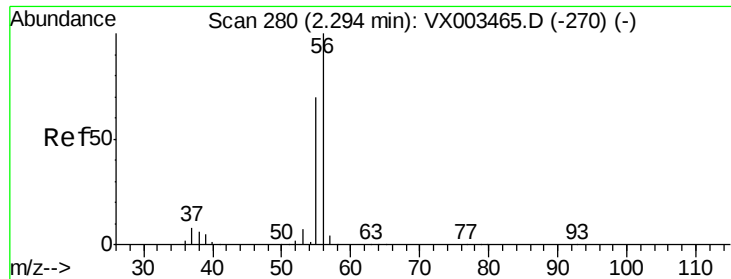
Tot Ion: 59 Resp: 201097
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.68 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 96 Resp: 151690
Ion Ratio Lower Upper
96 100
61 144.7 137.9 206.9
98 60.6 51.6 77.4





#13

Acrolein

Concen: 218.66 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

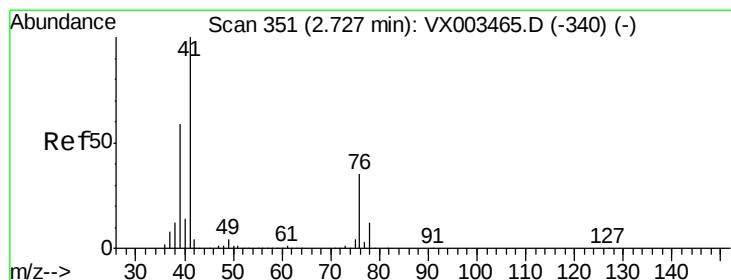
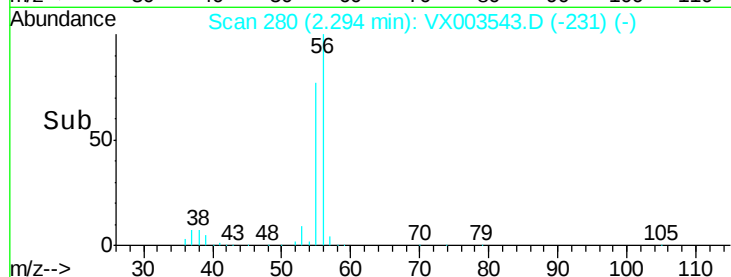
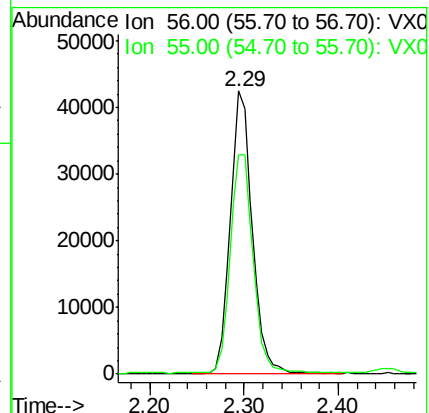
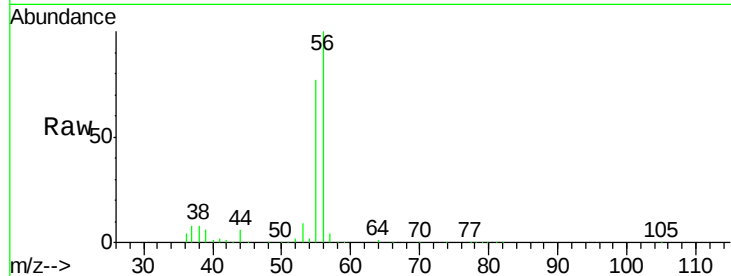
VSTDCCC050EC

Tot Ion: 56 Resp: 69187

Ion Ratio Lower Upper

56 100

55 79.5 57.0 85.4



#14

Allyl chloride

Concen: 50.32 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

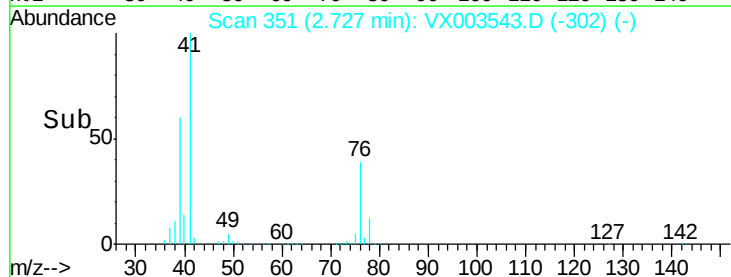
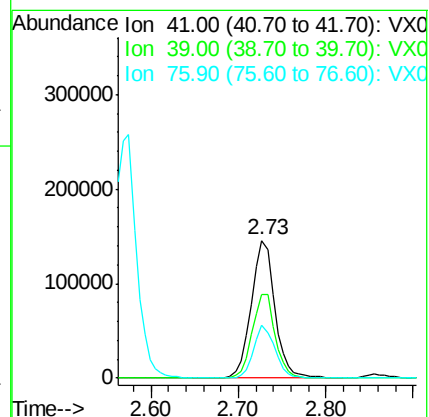
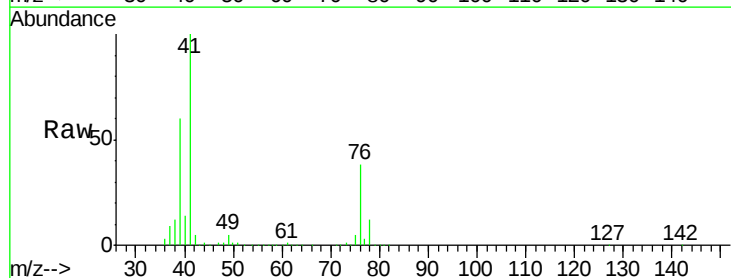
Tgt Ion: 41 Resp: 271983

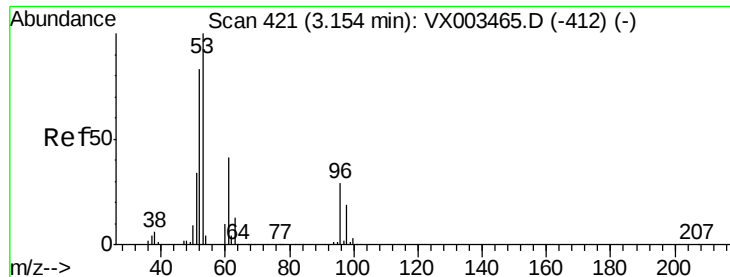
Ion Ratio Lower Upper

41 100

39 59.0 56.8 85.2

76 34.6 23.8 35.8





#15

Acrylonitrile

Concen: 273.60 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

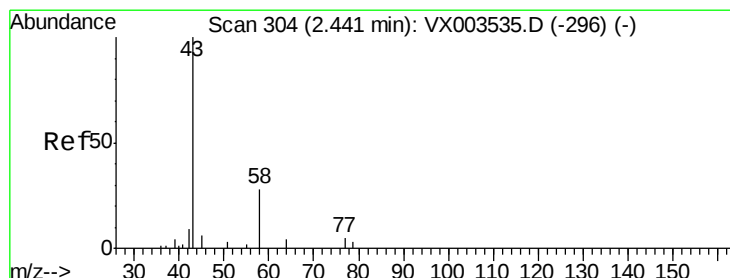
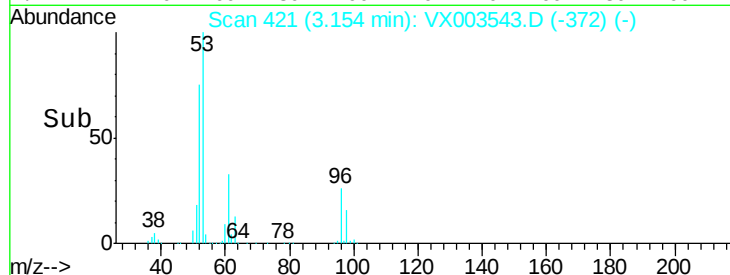
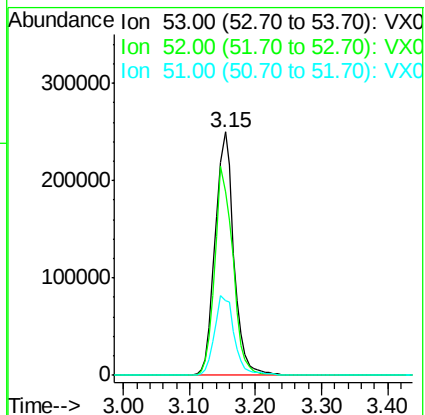
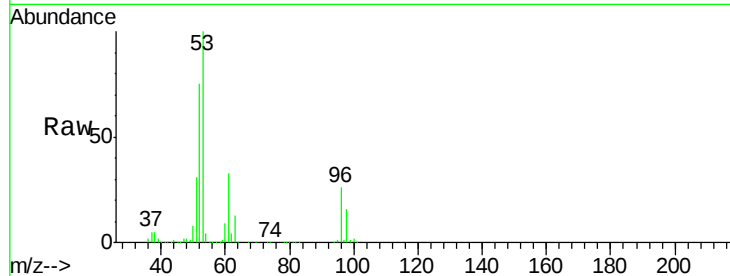
Tot Ion: 53 Resp: 487791

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

51 34.6 29.9 44.9



#16

Acetone

Concen: 281.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003543.D

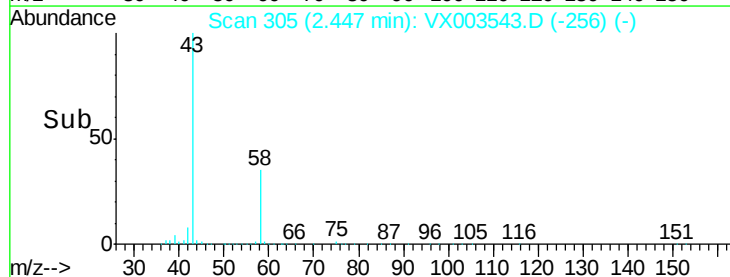
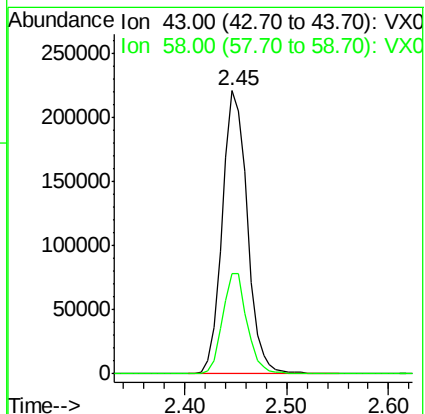
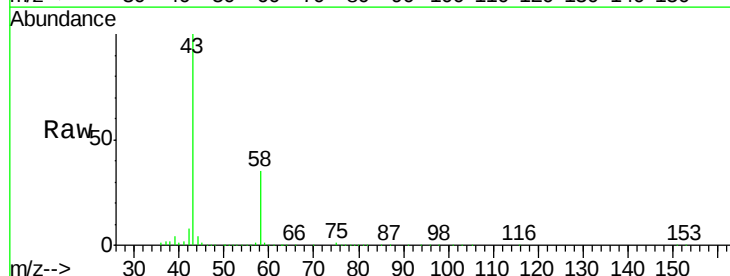
Acq: 21 Jul 2018 07:06

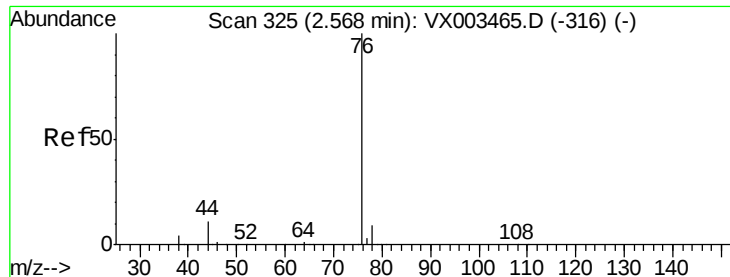
Tgt Ion: 43 Resp: 376494

Ion Ratio Lower Upper

43 100

58 35.4 22.1 33.1#





#17

Carbon Disulfide

Concen: 53.12 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

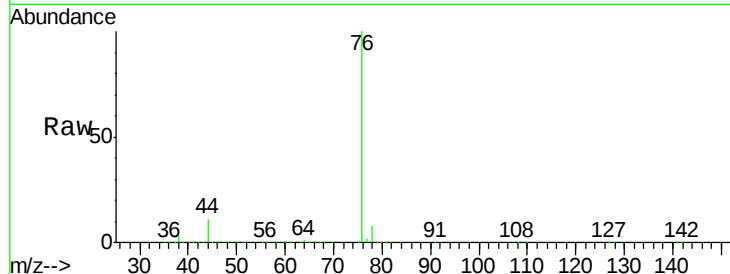
VSTDCCC050EC

Tot Ion: 76 Resp: 438646

Ion Ratio Lower Upper

76 100

78 8.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

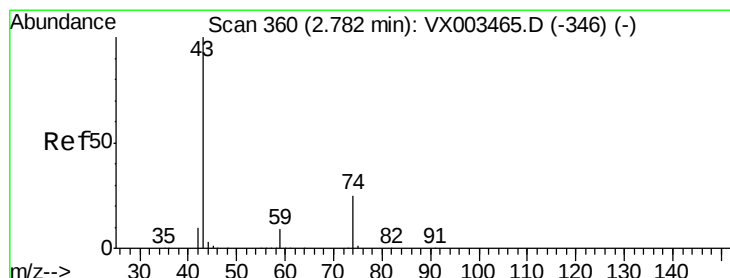
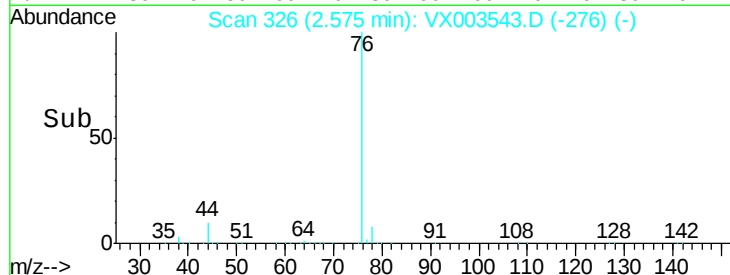
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 59.29 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003543.D

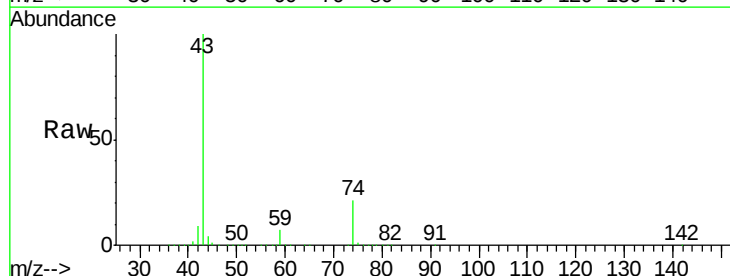
Acq: 21 Jul 2018 07:06

Tgt Ion: 43 Resp: 249865

Ion Ratio Lower Upper

43 100

74 23.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

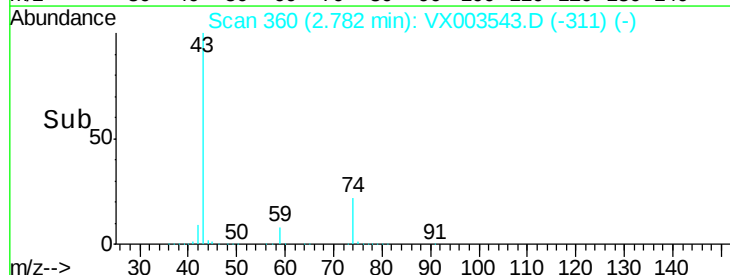
150000

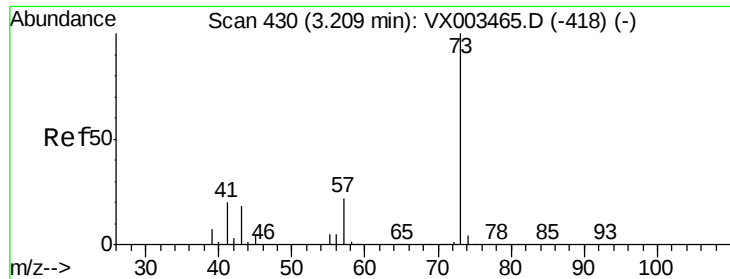
100000

50000

0

Time-->

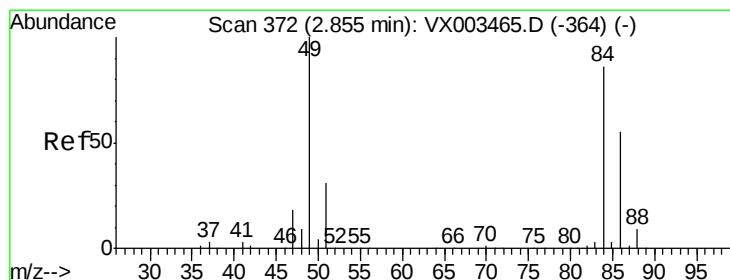
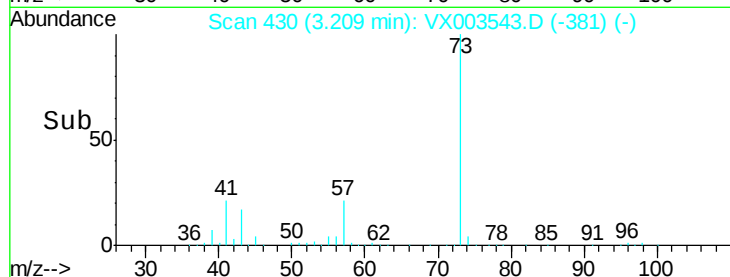
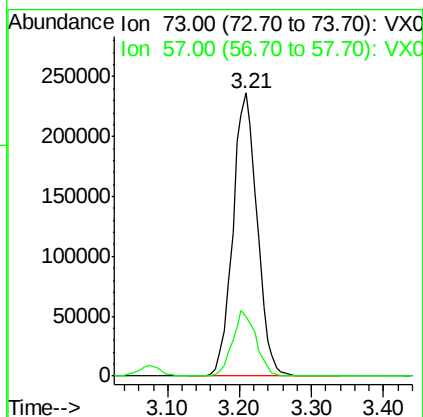
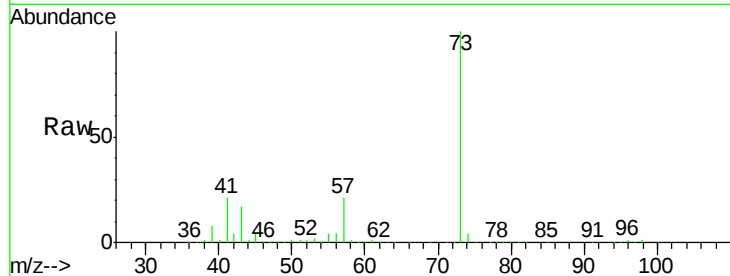




#19
Methyl tert-butyl Ether
Concen: 55.49 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

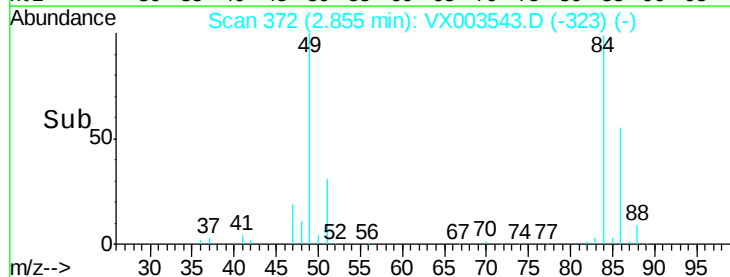
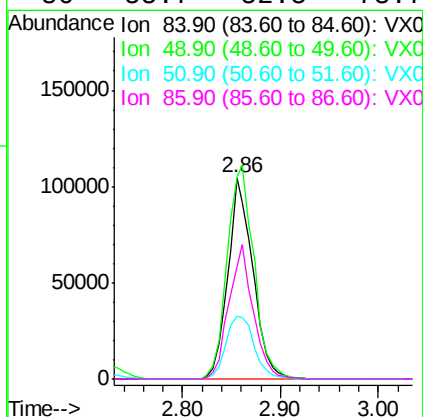
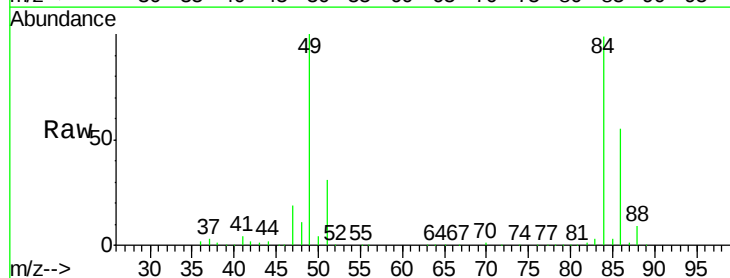
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 553291
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5



#20
Methylene Chloride
Concen: 56.72 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 84 Resp: 184997
Ion Ratio Lower Upper
84 100
49 100.8 107.8 161.6#
51 31.1 32.8 49.2#
86 55.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

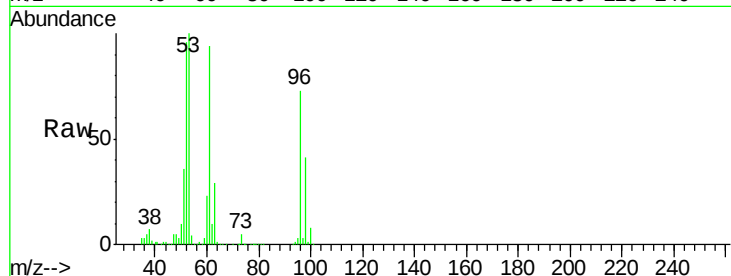
Tot Ion: 96 Resp: 174002

Ion Ratio Lower Upper

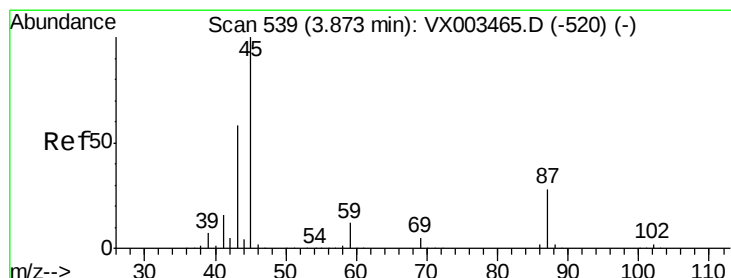
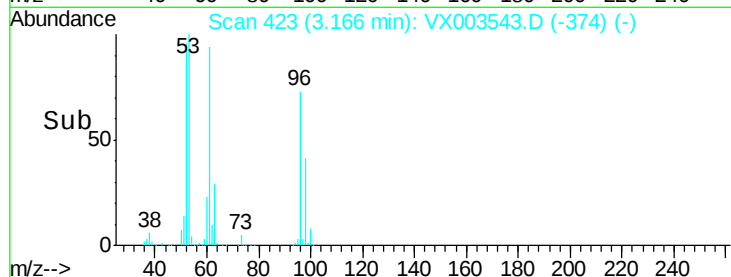
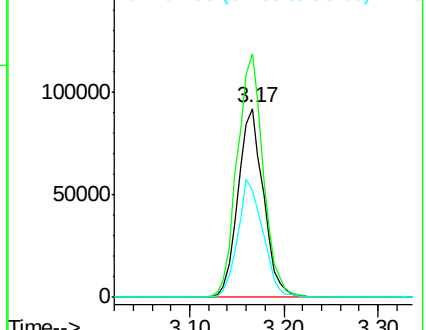
96 100

61 128.7 117.0 175.4

98 56.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 58.73 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion: 45 Resp: 597342

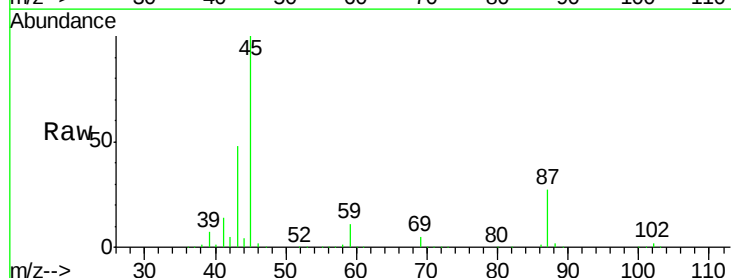
Ion Ratio Lower Upper

45 100

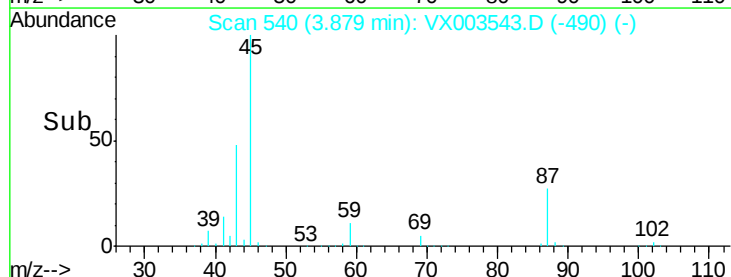
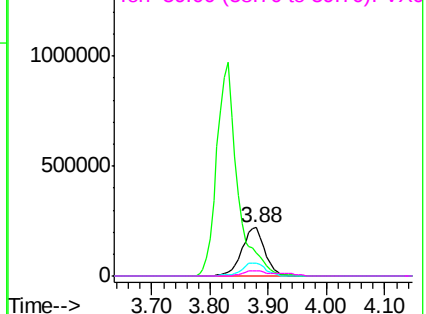
43 48.2 46.8 70.2

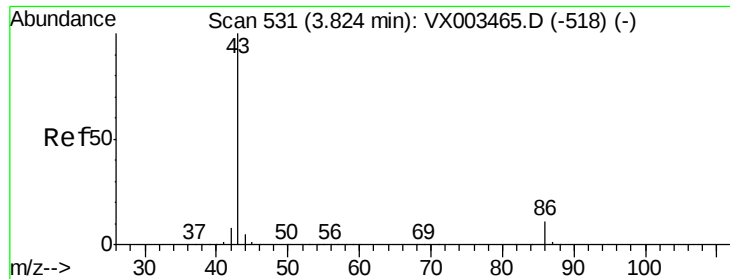
87 26.9 20.2 30.4

59 10.8 8.7 13.1



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





#23

Vinyl Acetate

Concen: 285.31 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

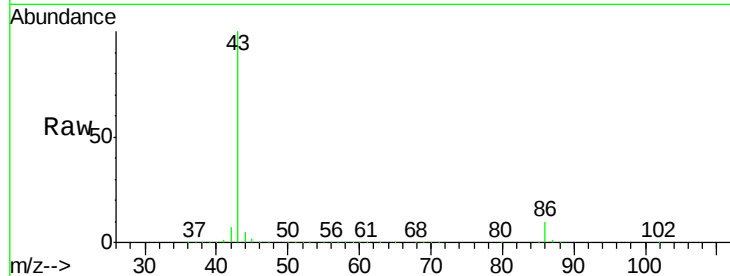
VSTDCCC050EC

Tot Ion: 43 Resp: 2390462

Ion Ratio Lower Upper

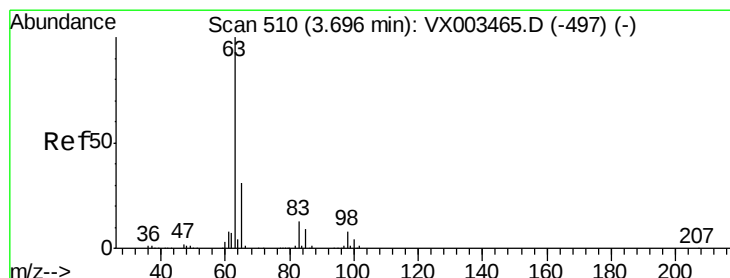
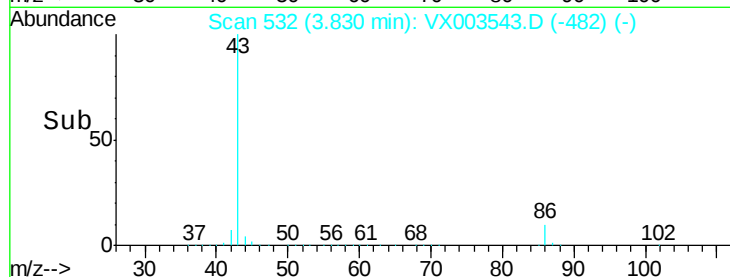
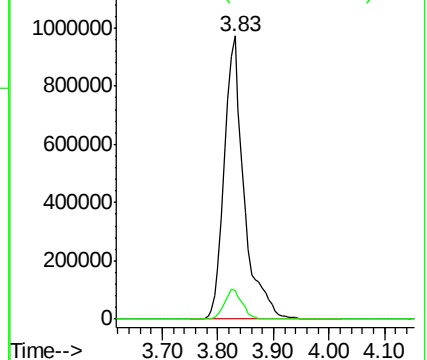
43 100

86 10.3 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: 56.55 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

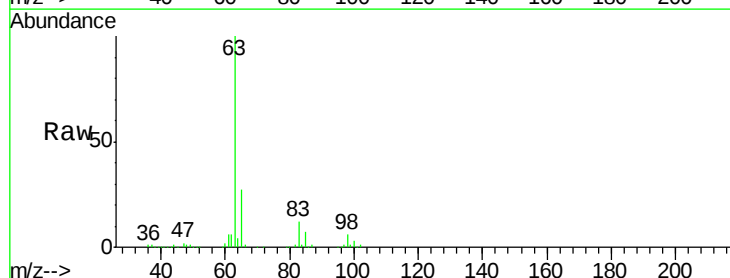
Tgt Ion: 63 Resp: 337500

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

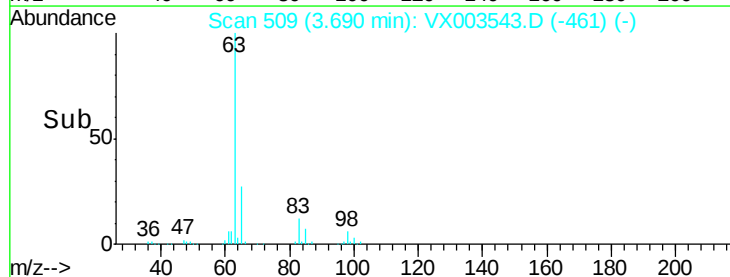
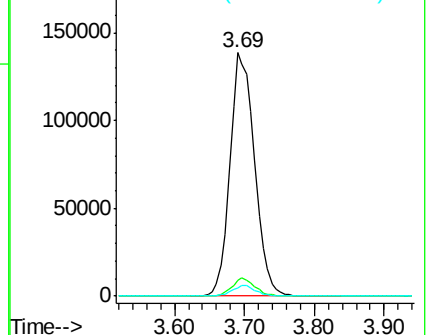
100 3.3 2.0 6.0

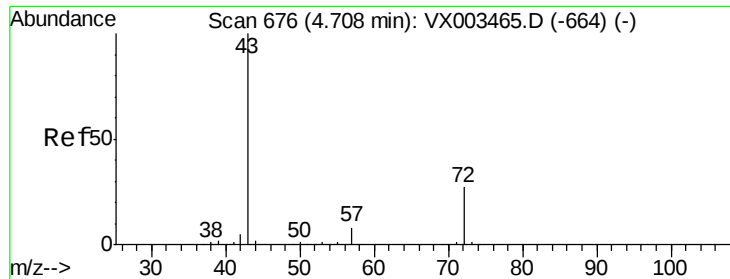


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 288.14 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

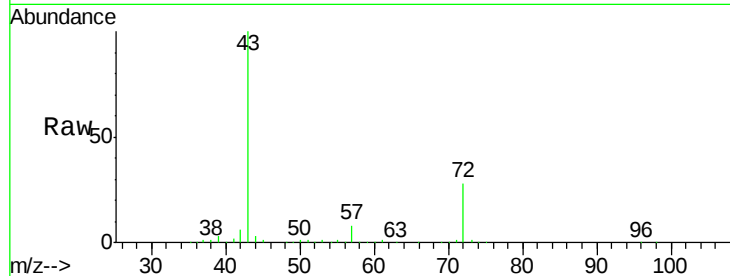
VSTDCCC050EC

Tot Ion: 43 Resp: 646244

Ion Ratio Lower Upper

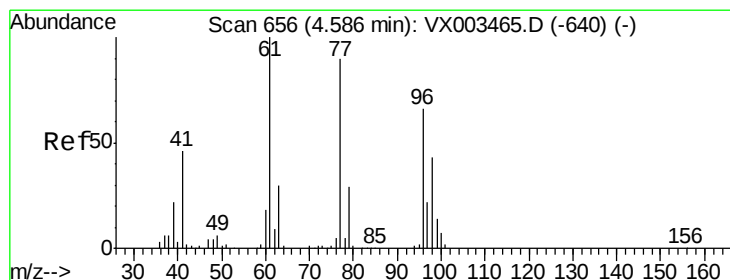
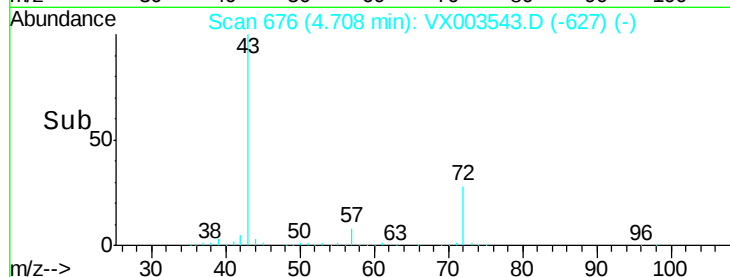
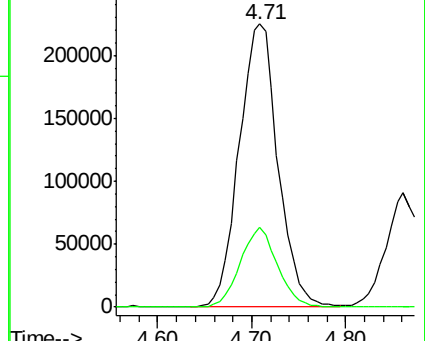
43 100

72 28.1 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: 30.77 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003543.D

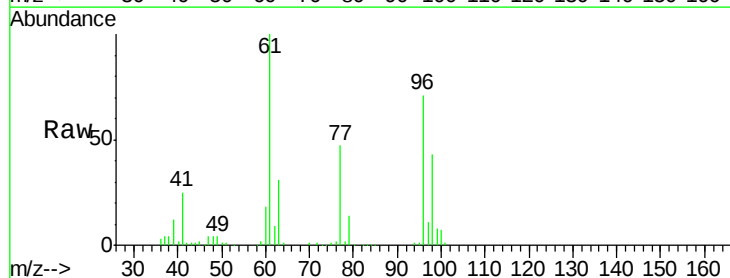
Acq: 21 Jul 2018 07:06

Tgt Ion: 77 Resp: 139475

Ion Ratio Lower Upper

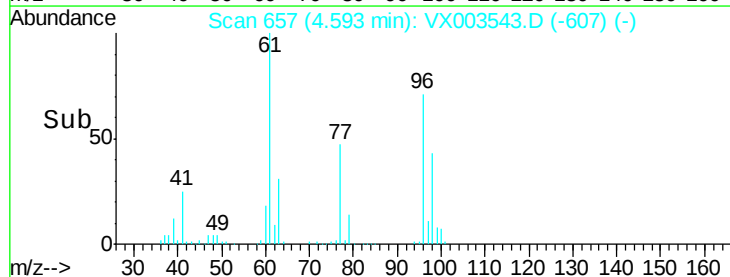
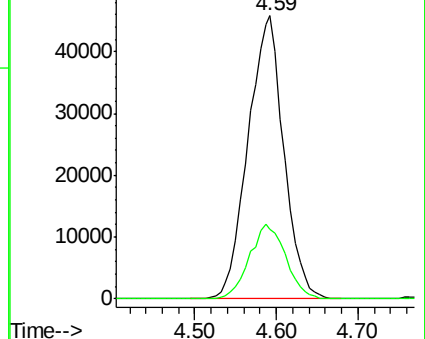
77 100

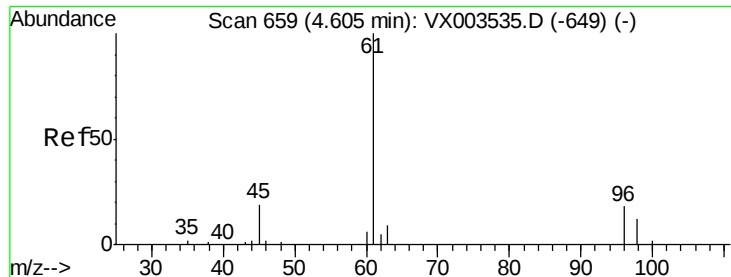
97 26.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



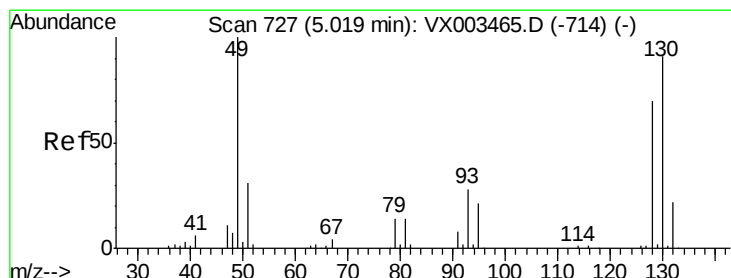
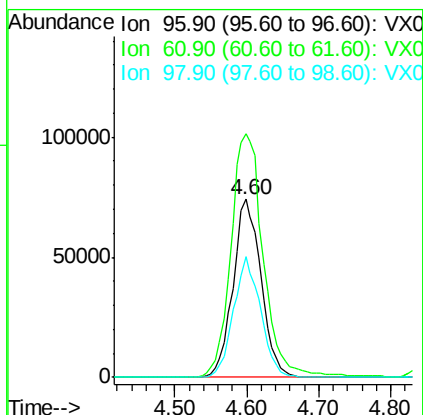
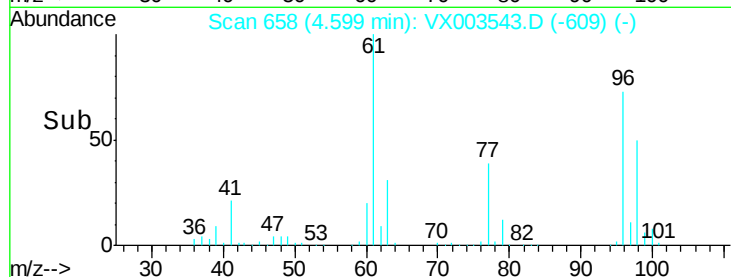
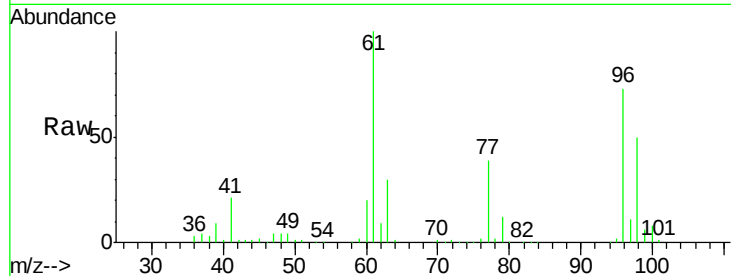


#27

cis-1,2-Dichloroethene
Concen: 52.97 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

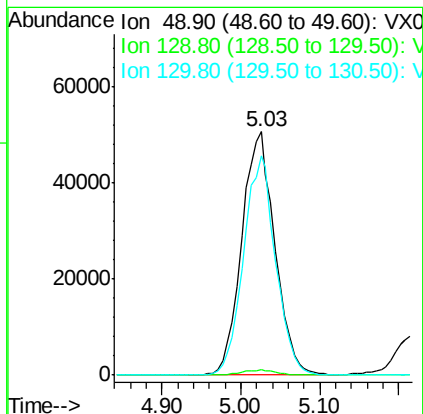
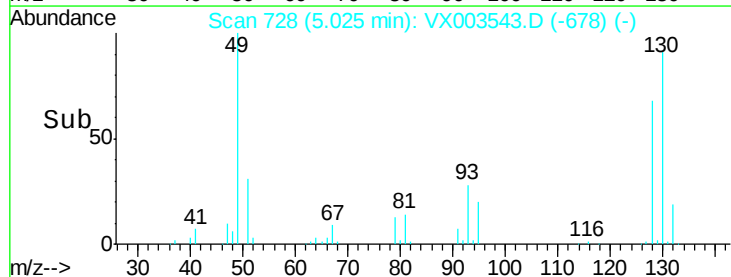
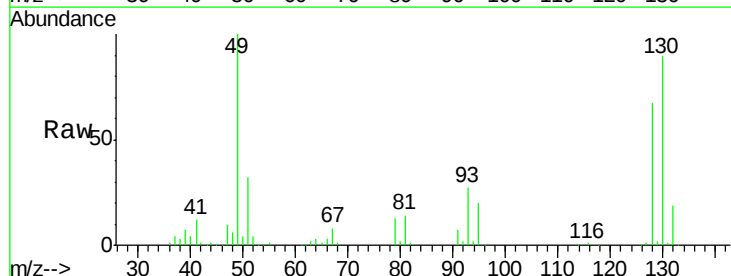
Tot Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	330.2
98	65.3	0.0	130.2

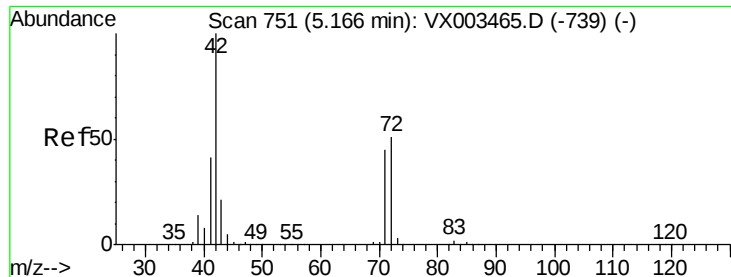


#28

Bromochloromethane
Concen: 56.87 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	87.1	61.2	91.8

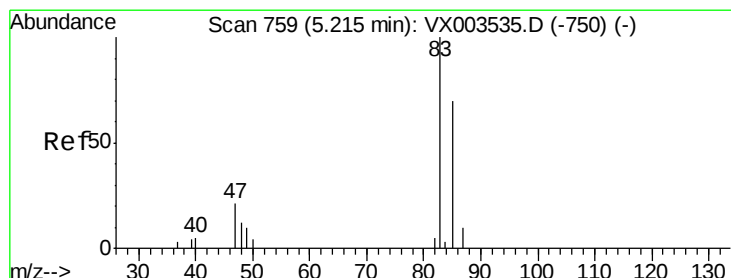
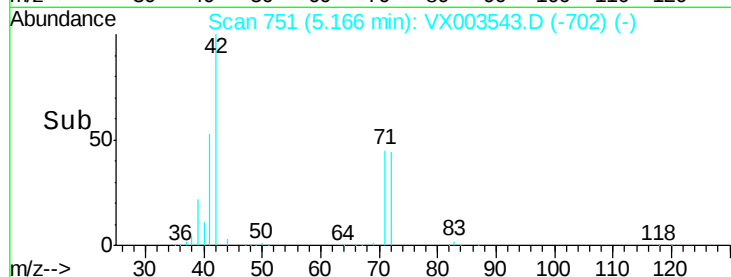
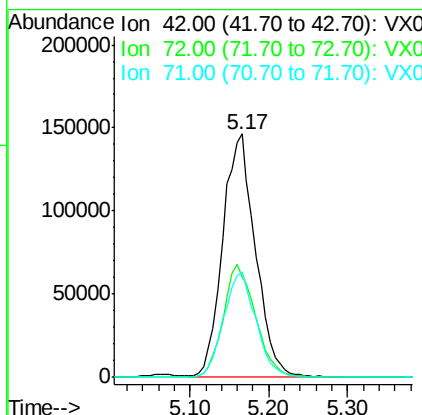
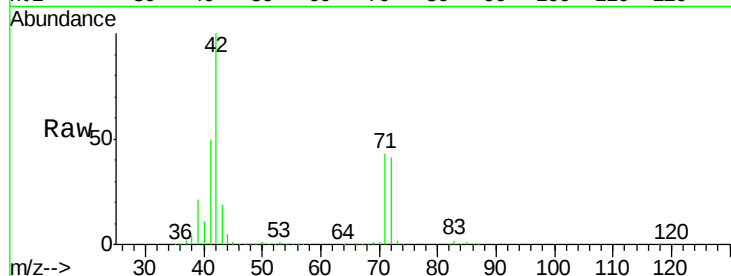




#29
Tetrahydrofuran
Concen: 284.47 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

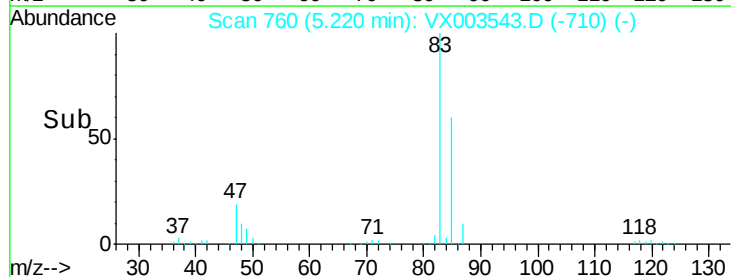
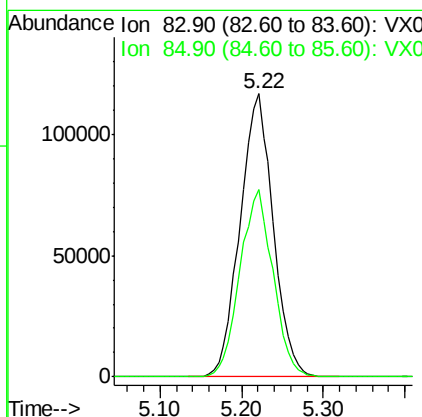
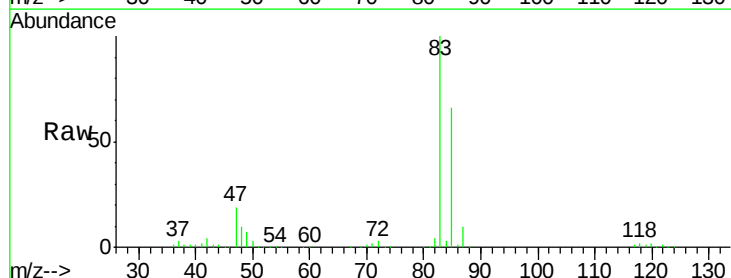
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

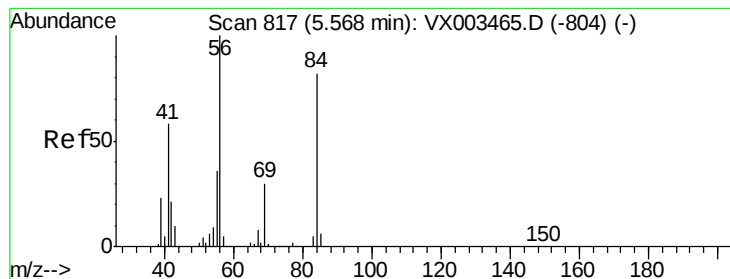
Tot Ion: 42 Resp: 421462
Ion Ratio Lower Upper
42 100
72 46.0 32.0 48.0
71 42.9 30.1 45.1



#30
Chloroform
Concen: 56.54 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 83 Resp: 329510
Ion Ratio Lower Upper
83 100
85 66.3 50.4 75.6





#31

Cyclohexane

Concen: 51.84 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

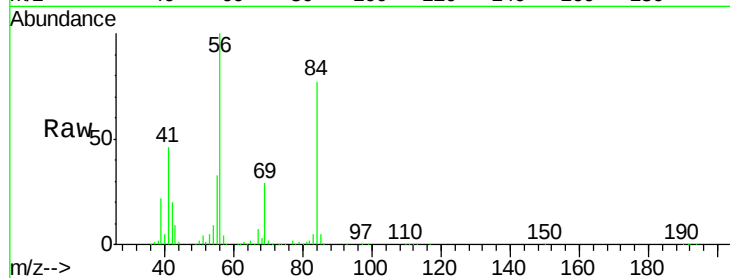
Tot Ion: 56 Resp: 276411

Ion Ratio Lower Upper

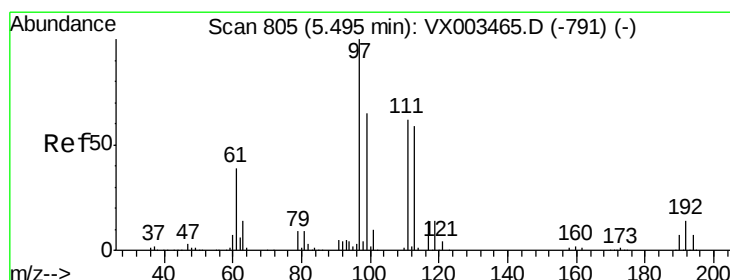
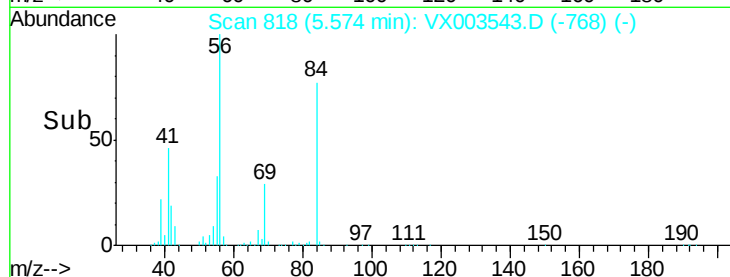
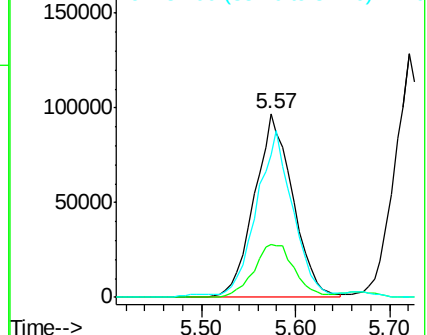
56 100

69 28.6 23.7 35.5

84 75.9 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.62 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

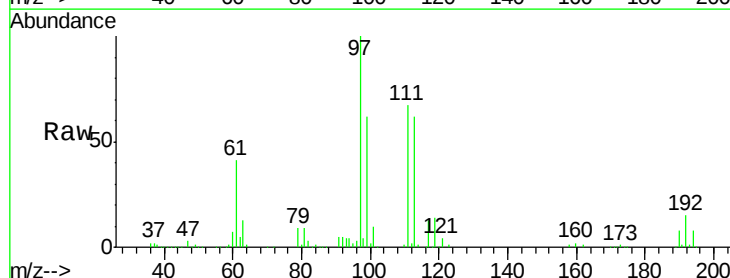
Tgt Ion: 97 Resp: 277552

Ion Ratio Lower Upper

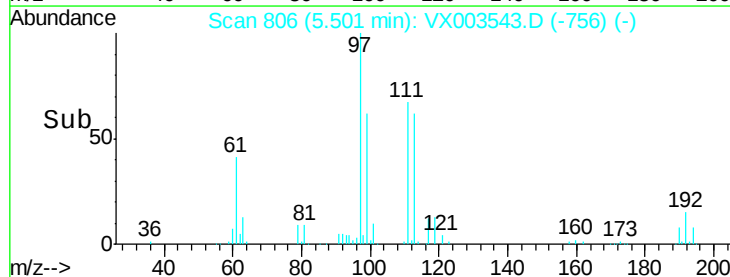
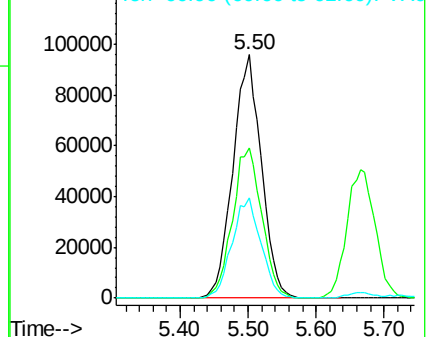
97 100

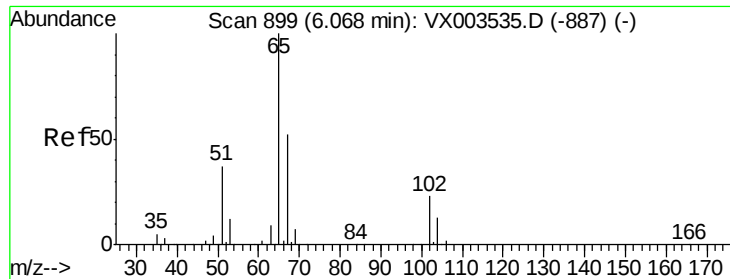
99 63.4 51.6 77.4

61 41.9 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

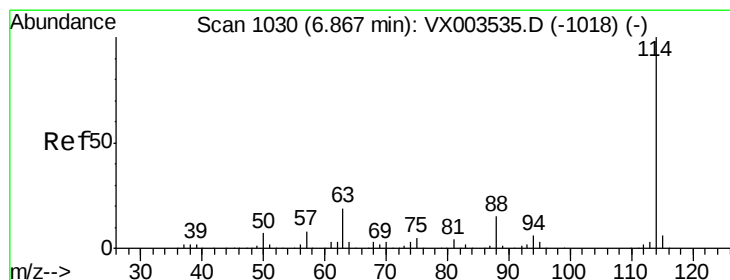
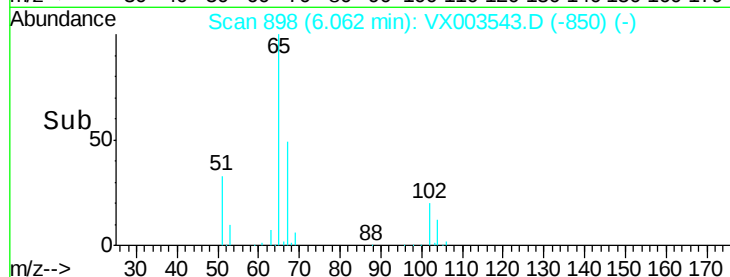
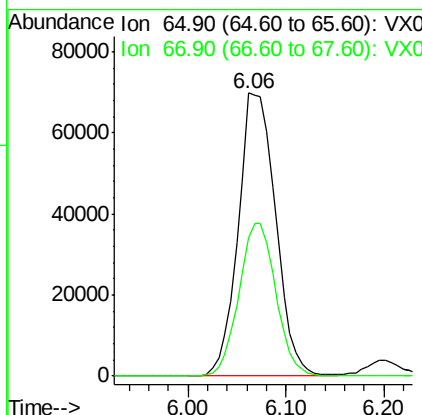
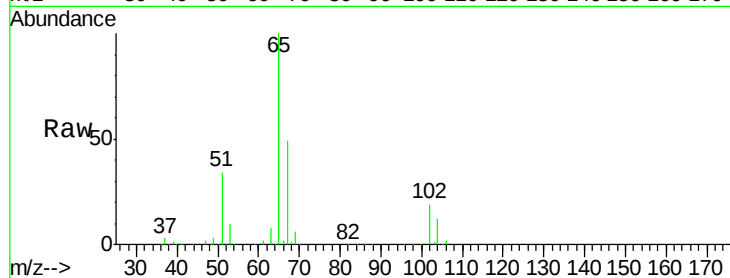




#33
 1,2-Dichloroethane-d4
 Concen: 52.56 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

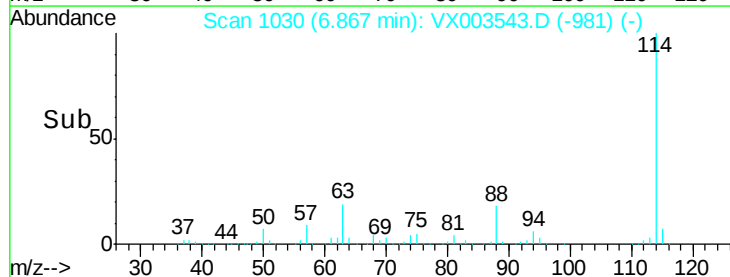
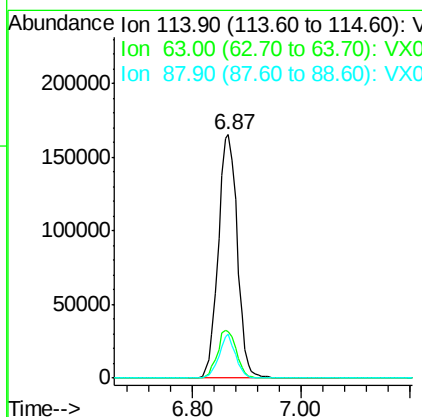
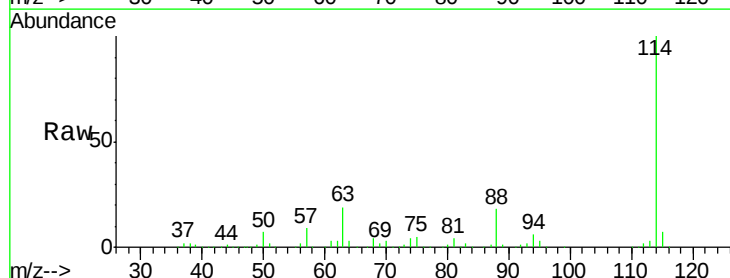
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

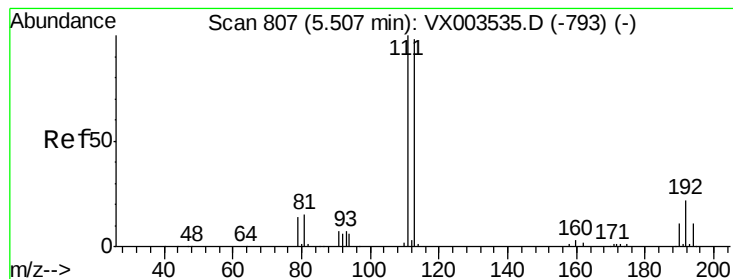
Tot Ion: 65 Resp: 186003
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 114 Resp: 401314
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 17.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 59.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

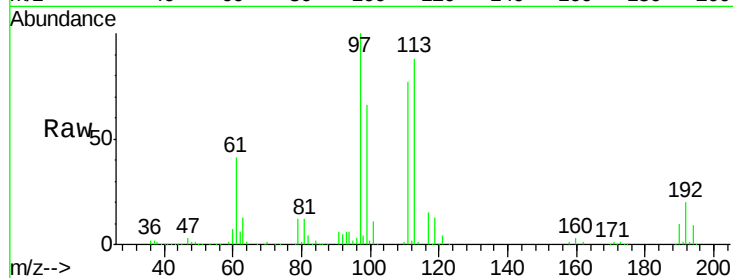
Tot Ion:113 Resp: 181034

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.0

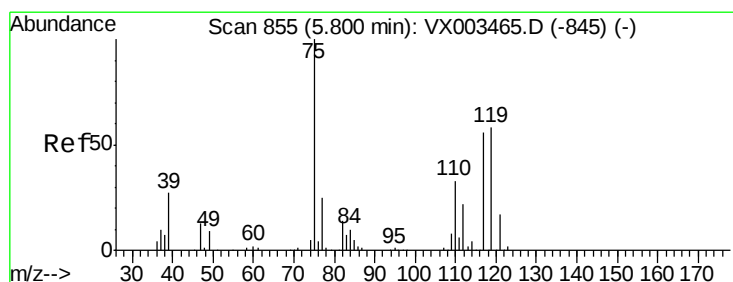
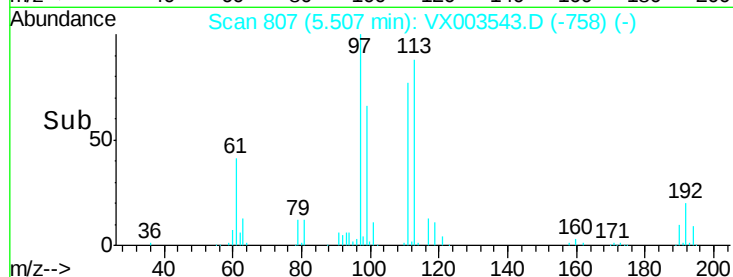
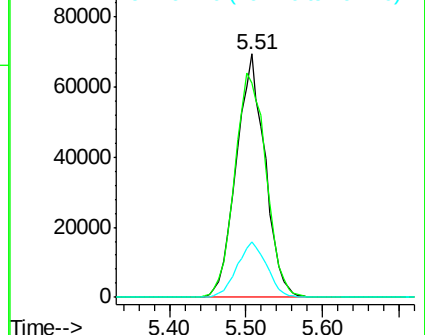
192 23.5 19.1 28.7



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: 51.78 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

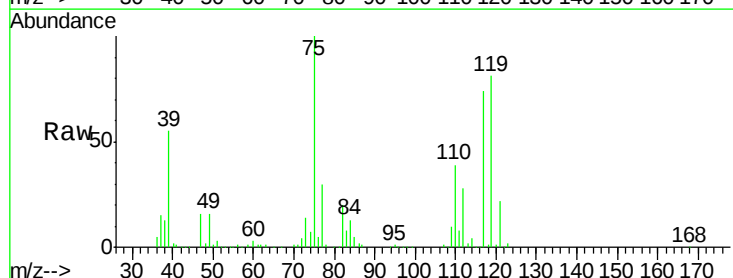
Tgt Ion: 75 Resp: 224358

Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.4

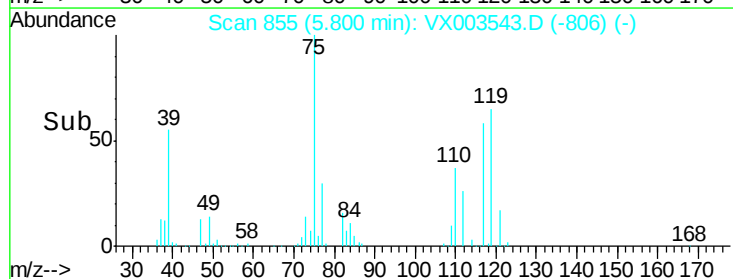
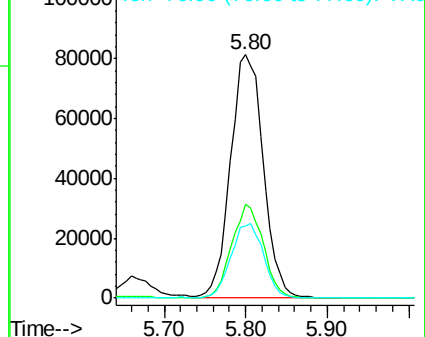
77 30.6 24.3 36.5

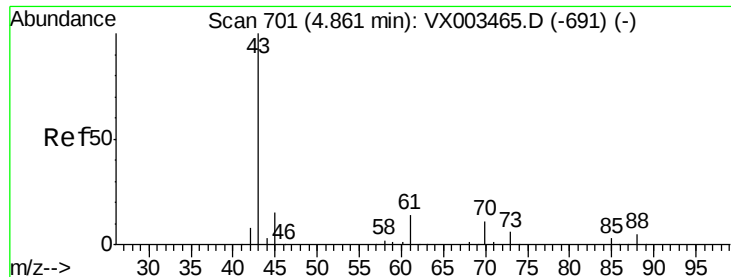


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

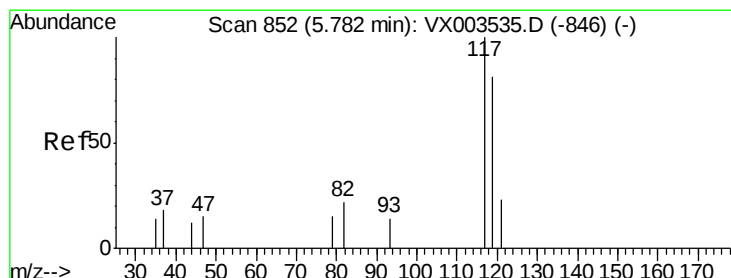
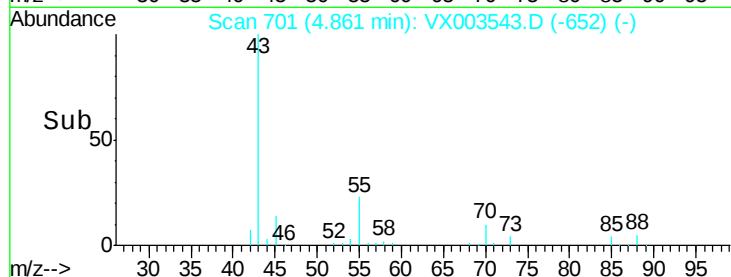
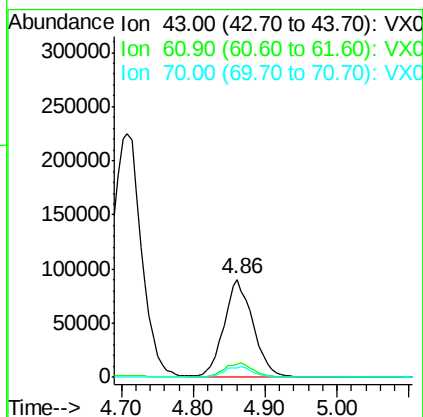
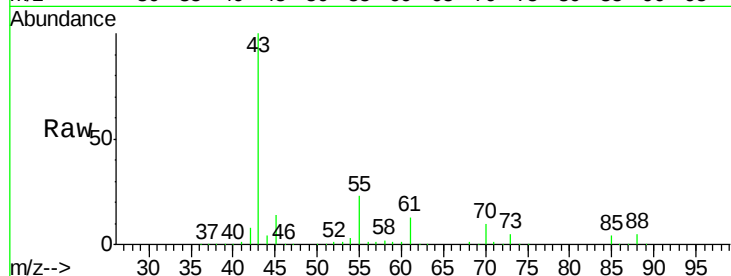




#37
Ethyl Acetate
Concen: 61.56 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

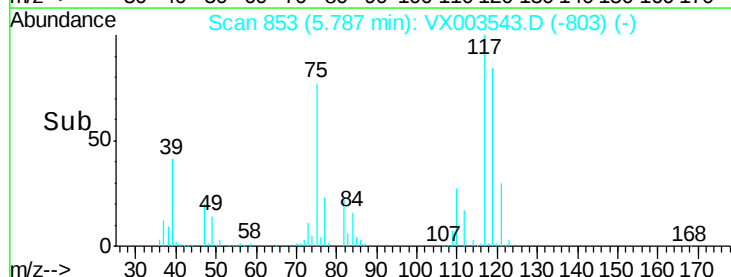
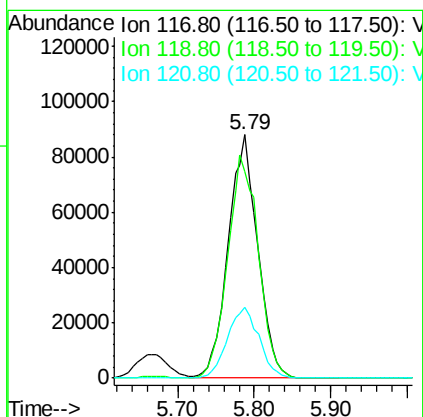
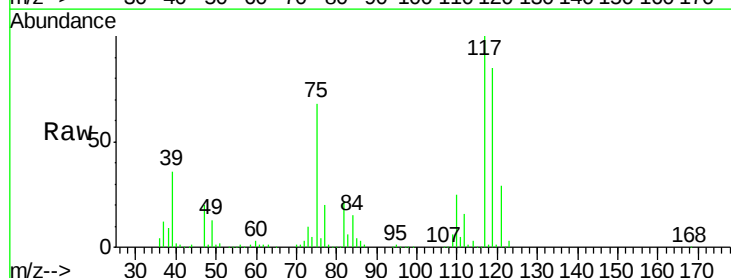
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

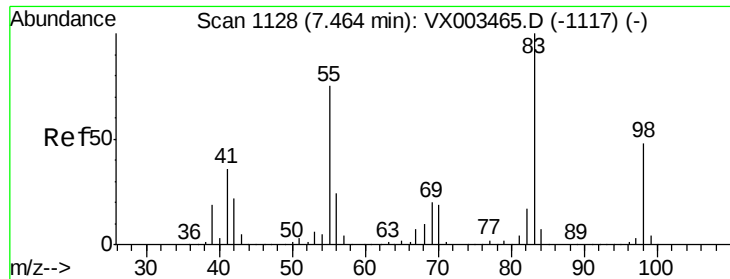
Tot Ion: 43 Resp: 252421
Ion Ratio Lower Upper
43 100
61 14.6 10.4 15.6
70 11.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 55.09 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 117 Resp: 234149
Ion Ratio Lower Upper
117 100
119 84.7 77.4 116.0
121 29.3 24.4 36.6

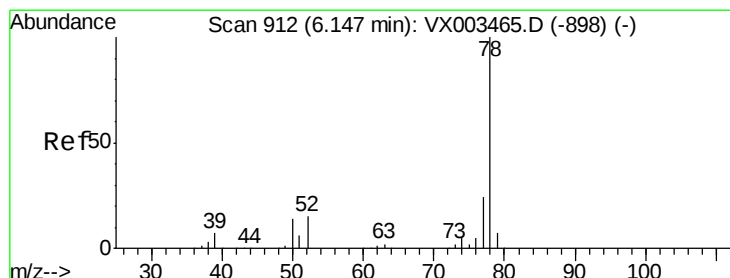
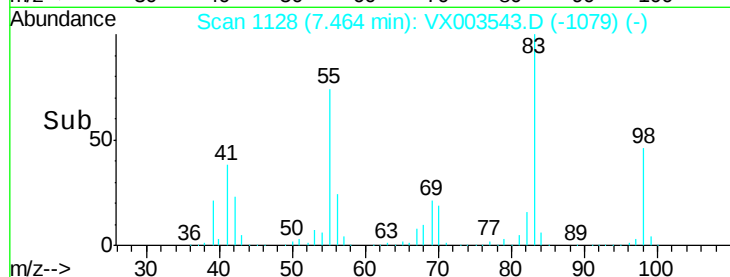
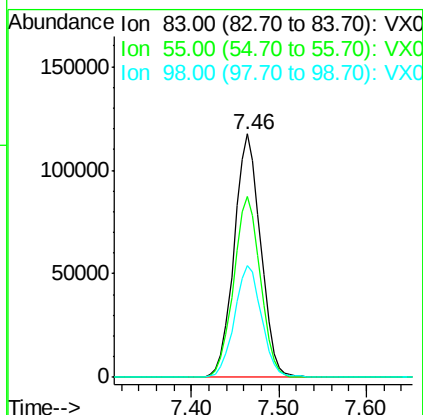
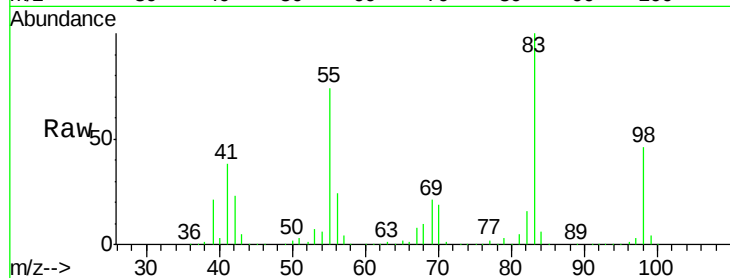




#39
Methvlcvclohexane
Concen: 48.31 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

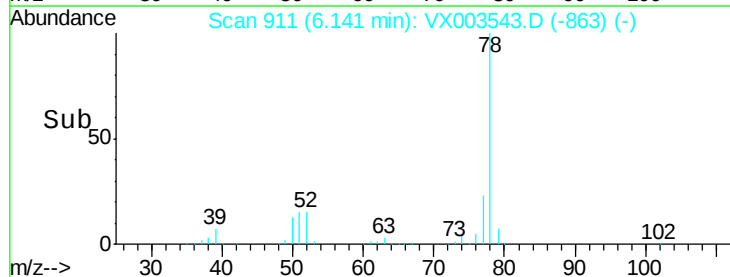
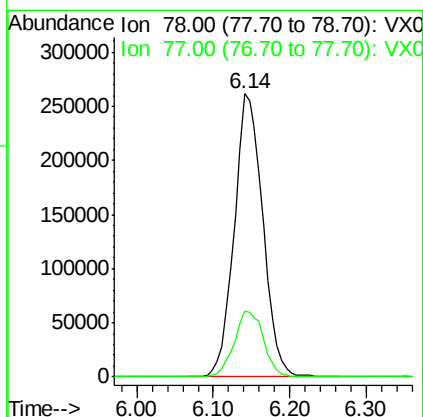
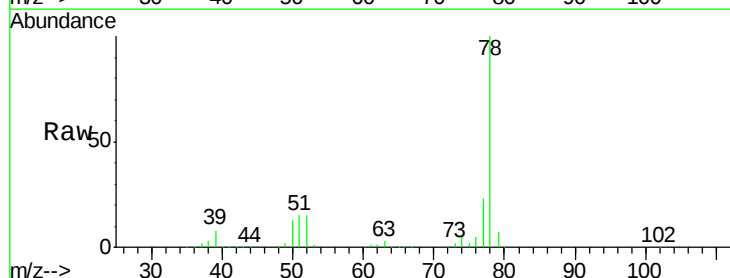
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

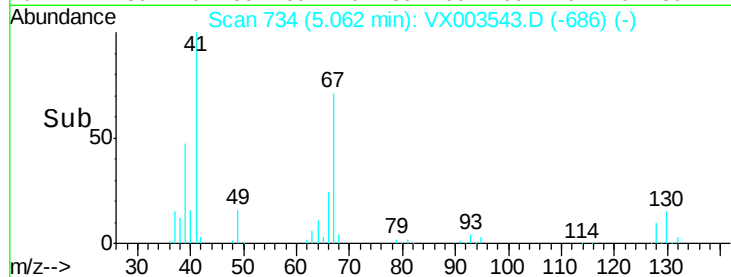
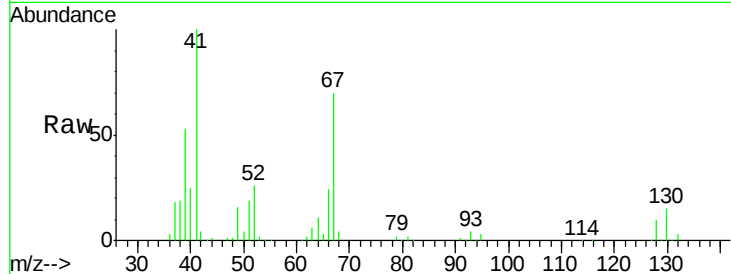
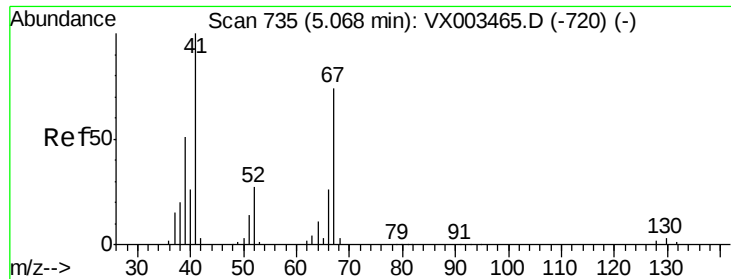
Tot Ion: 83 Resp: 247945
Ion Ratio Lower Upper
83 100
55 74.5 65.4 98.0
98 45.8 37.4 56.0



#40
Benzene
Concen: 51.55 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 78 Resp: 674392
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7





#41

Methacrylonitrile

Concen: 60.19 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 145048

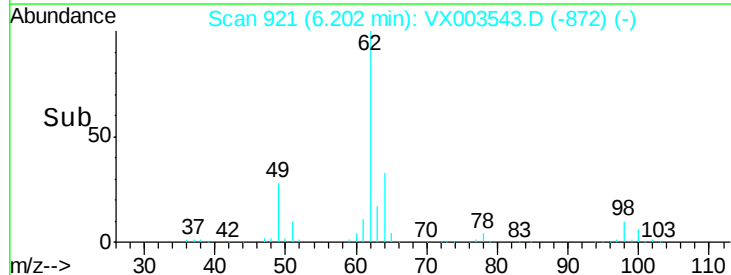
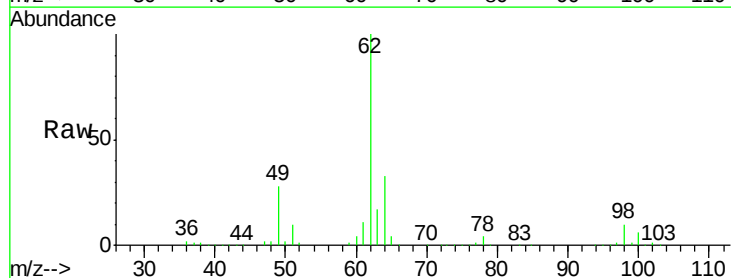
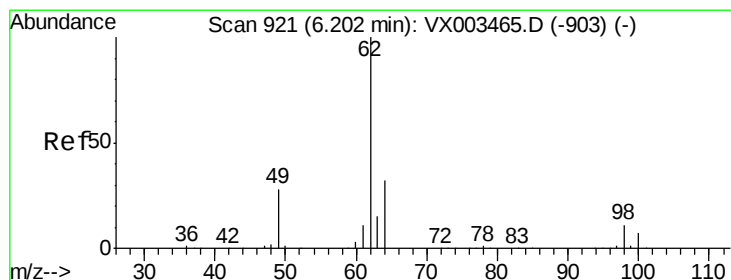
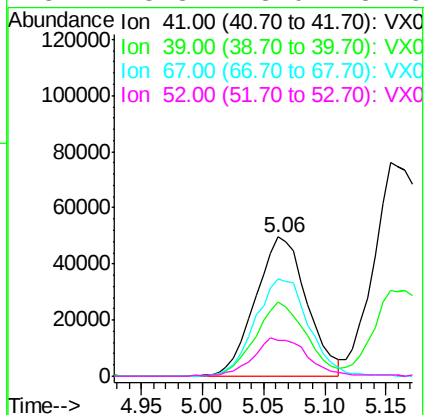
Ion Ratio Lower Upper

41 100

39 52.3 45.8 68.6

67 73.1 51.3 76.9

52 28.3 23.0 34.6



#42

1,2-Dichloroethane

Concen: 55.09 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003543.D

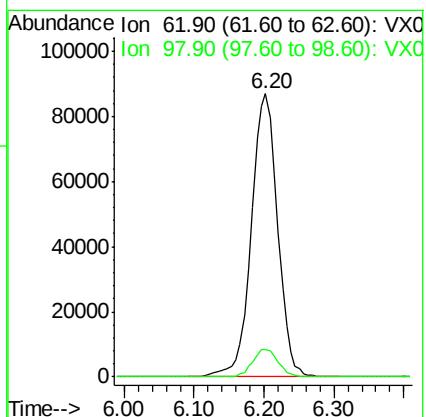
Acq: 21 Jul 2018 07:06

Tgt Ion: 62 Resp: 227050

Ion Ratio Lower Upper

62 100

98 9.5 0.0 16.6



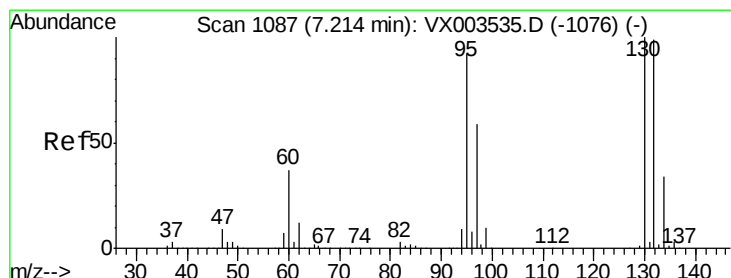
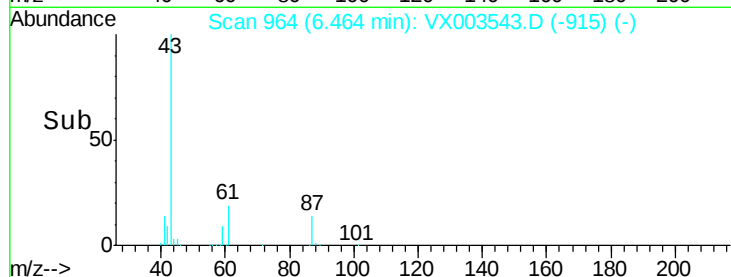
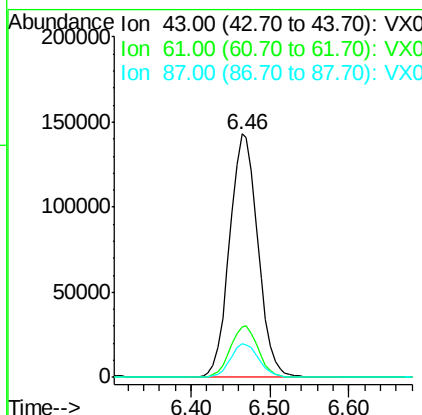
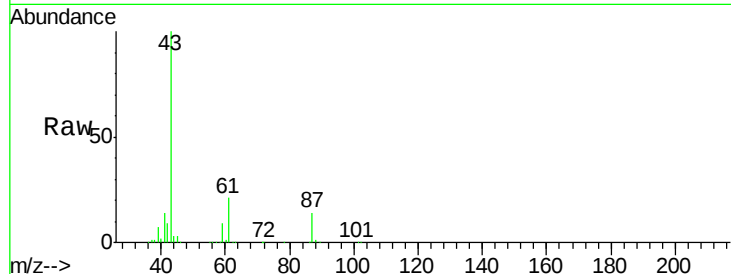


#43

Isopropyl Acetate
 Concen: 54.61 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

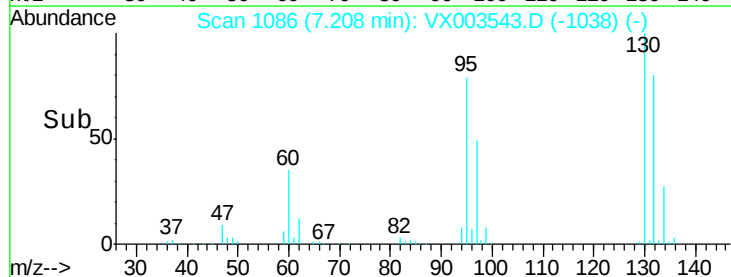
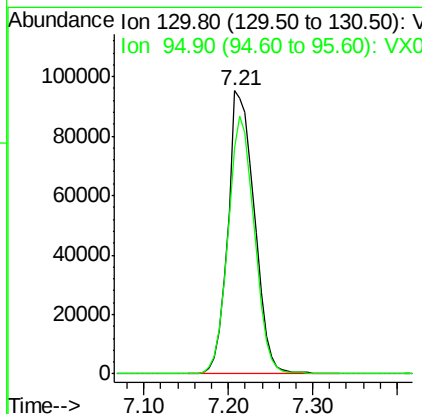
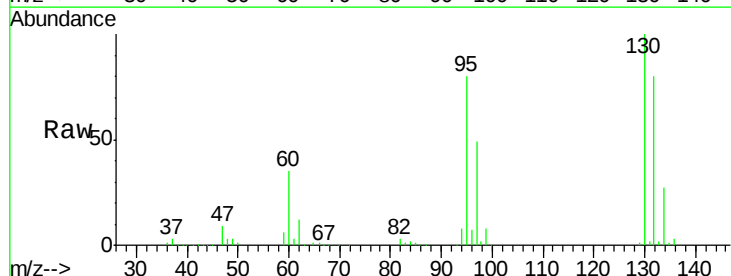
Tot Ion: 43 Resp: 356143
 Ion Ratio Lower Upper
 43 100
 61 21.0 14.4 21.6
 87 13.9 9.5 14.3

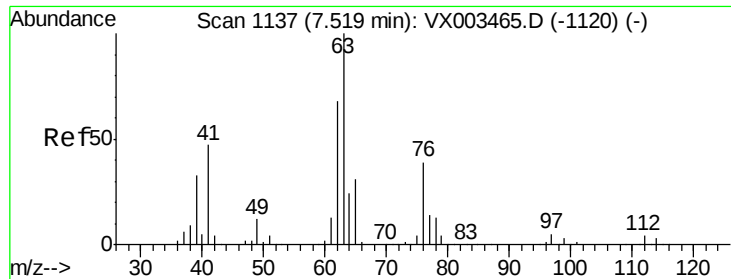


#44

Trichloroethene
 Concen: 52.22 ug/l
 RT: 7.21 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 130 Resp: 203743
 Ion Ratio Lower Upper
 130 100
 95 79.6 0.0 185.4

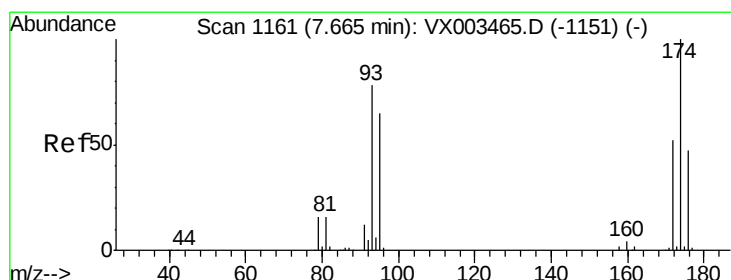
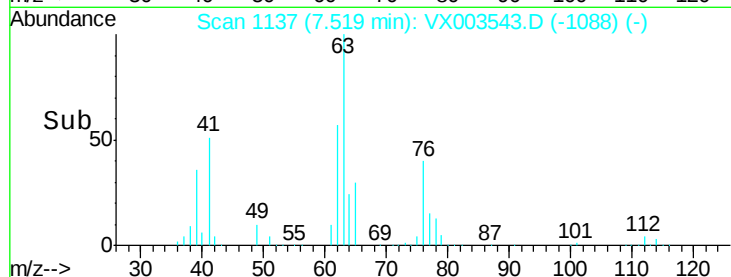
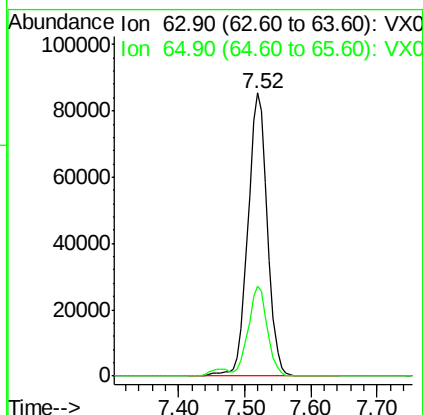
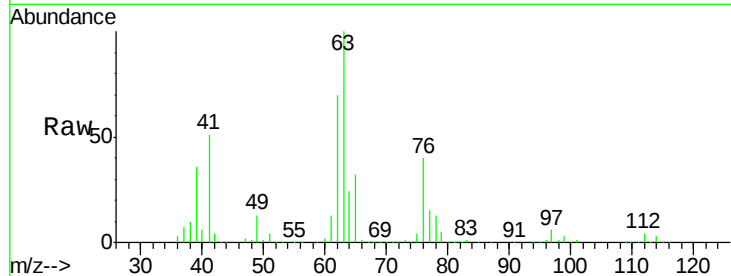




#45
 1,2-Dichloropropane
 Concen: 53.01 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

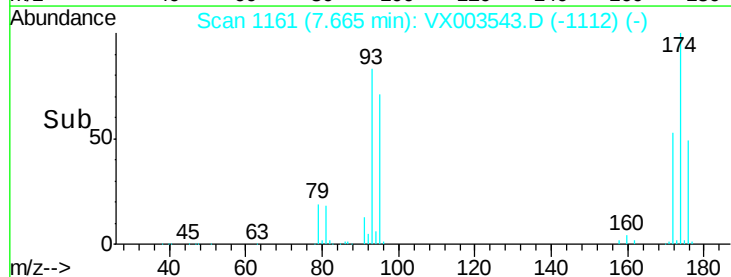
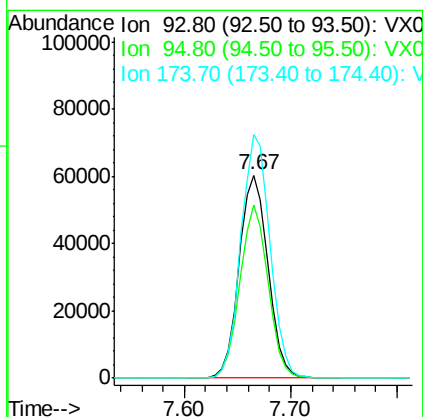
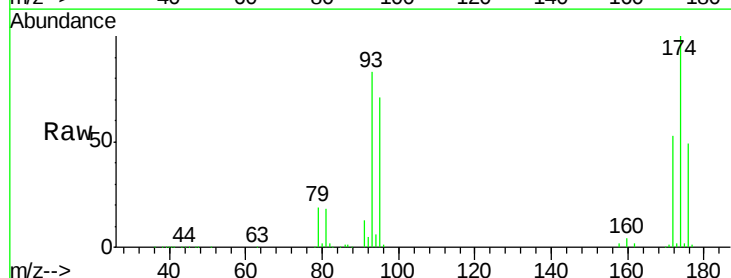
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

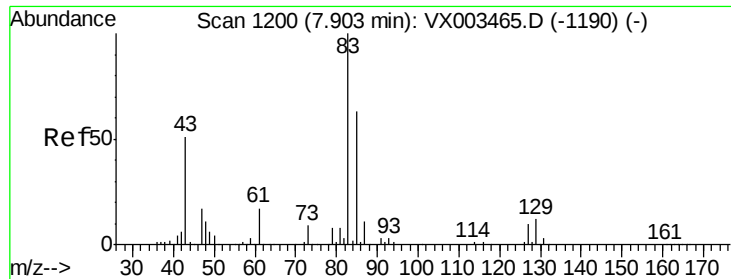
Tot Ion: 63 Resp: 176081
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 53.97 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 93 Resp: 115420
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 121.1 92.4 138.6





#47

Bromodichloromethane

Concen: 55.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

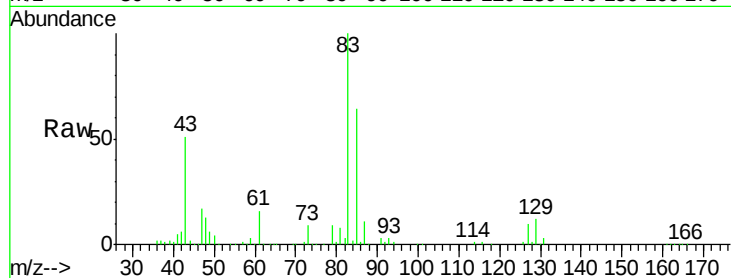
Tot Ion: 83 Resp: 215605

Ion Ratio Lower Upper

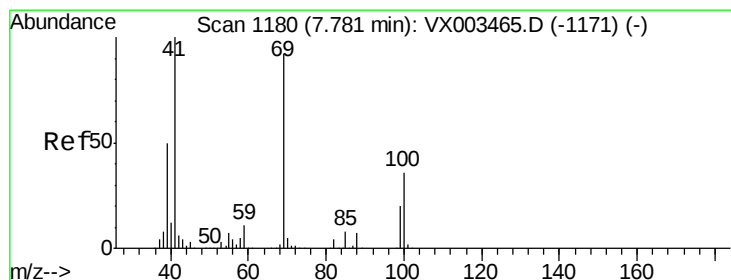
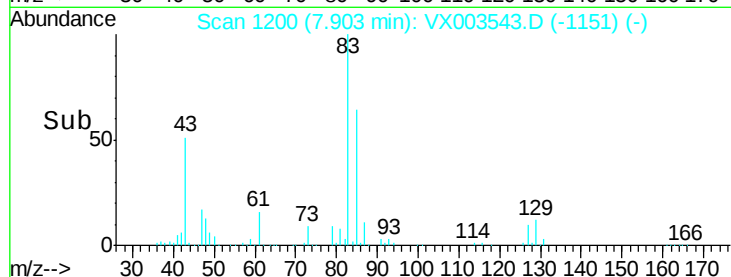
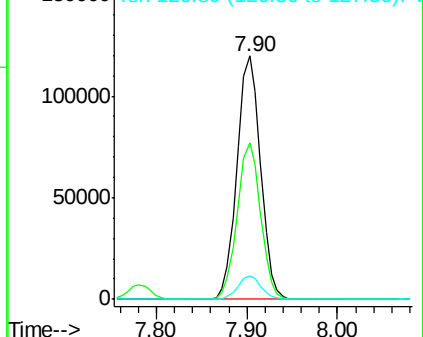
83 100

85 64.2 50.3 75.5

127 9.7 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: 56.74 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

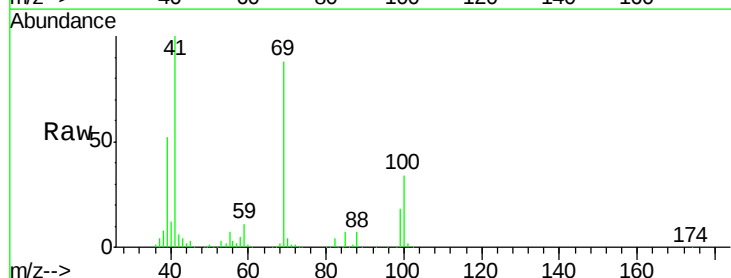
Tgt Ion: 41 Resp: 186636

Ion Ratio Lower Upper

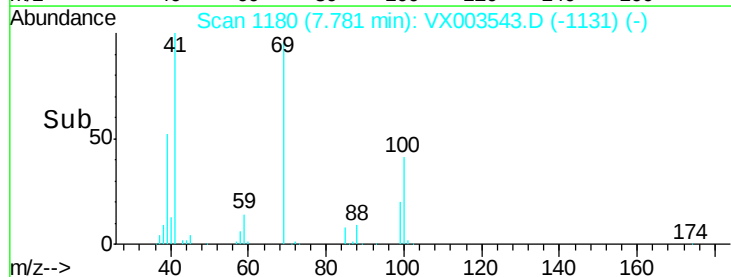
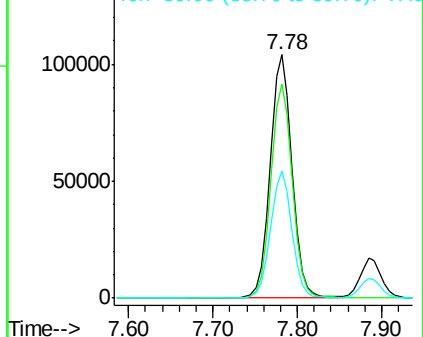
41 100

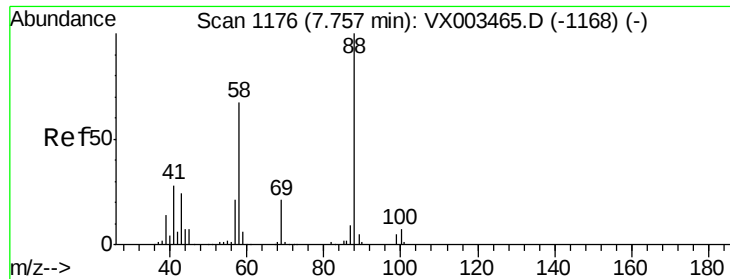
69 87.1 59.1 88.7

39 50.8 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: 1073.04 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

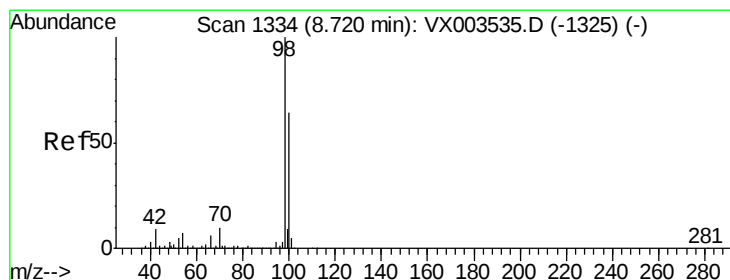
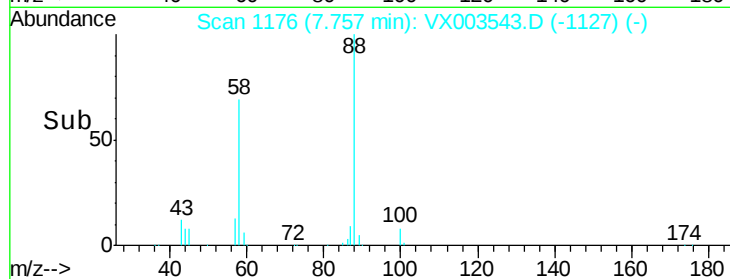
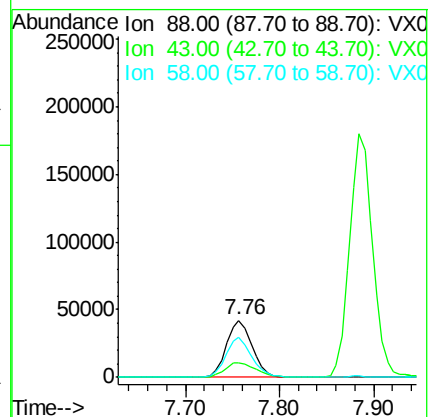
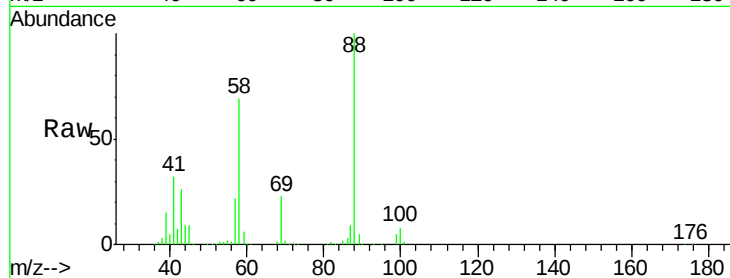
Tot Ion: 88 Resp: 79967

Ion	Ratio	Lower	Upper
88	100		
43	30.8	29.8	44.6
58	70.7	57.1	85.7

88 100

43 30.8 29.8 44.6

58 70.7 57.1 85.7



#50

Toluene-d8

Concen: 52.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003543.D

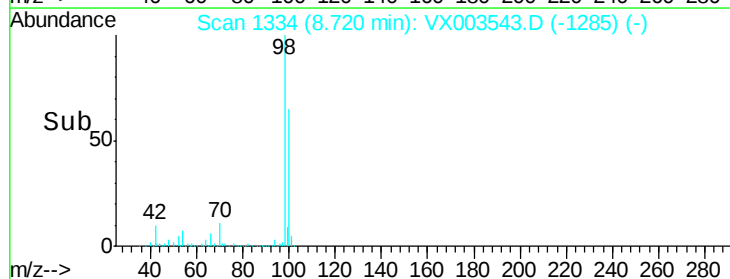
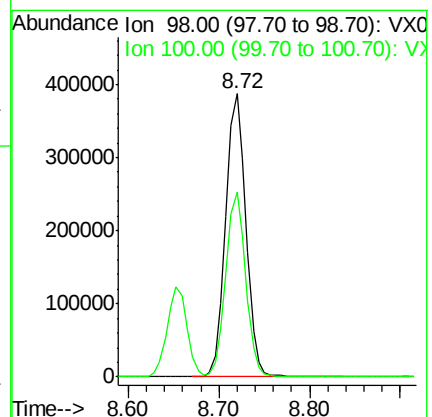
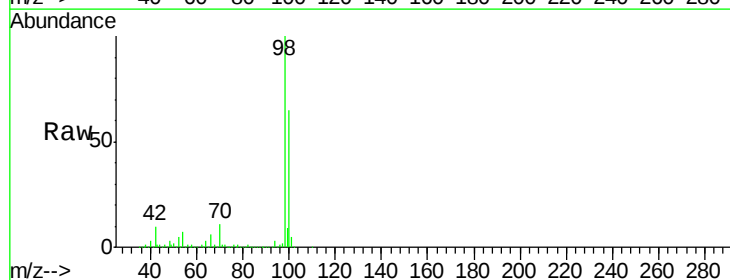
Acq: 21 Jul 2018 07:06

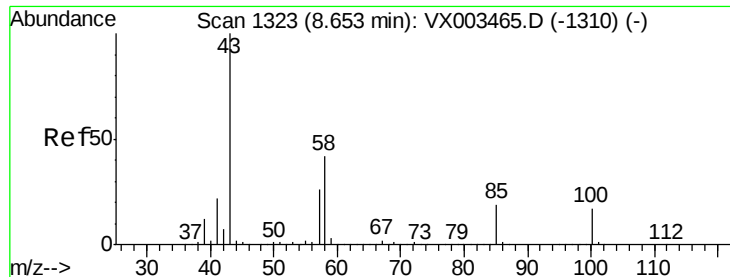
Tgt Ion: 98 Resp: 605162

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.9	76.3

98 100

100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 286.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

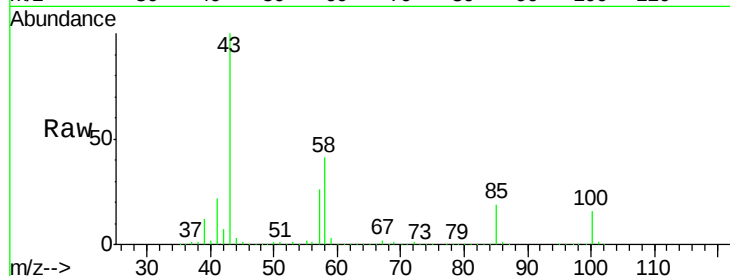
VSTDCCC050EC

Tot Ion: 43 Resp: 1179150

Ion Ratio Lower Upper

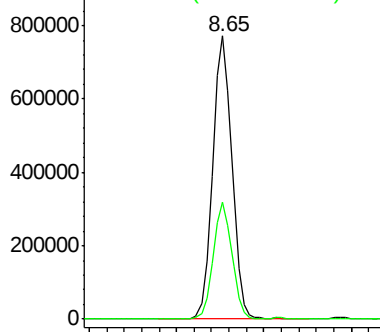
43 100

58 40.1 28.6 42.8

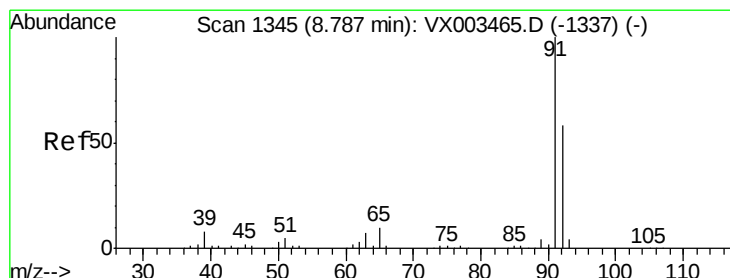
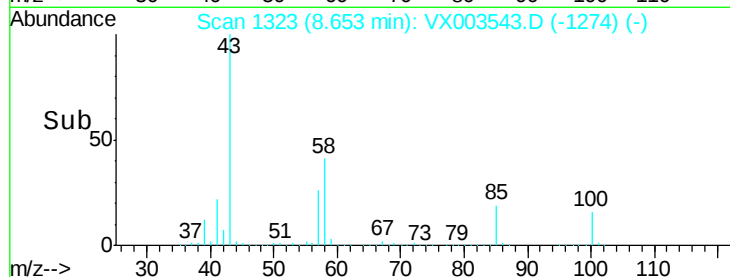


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 55.26 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX003543.D

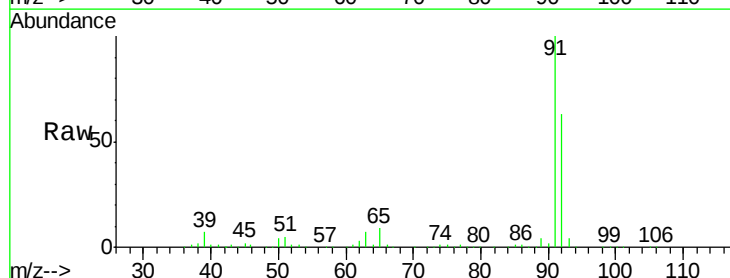
Acq: 21 Jul 2018 07:06

Tgt Ion: 92 Resp: 455036

Ion Ratio Lower Upper

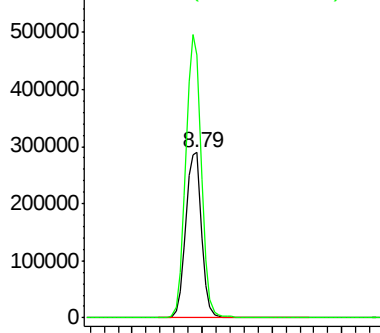
92 100

91 168.4 140.4 210.6

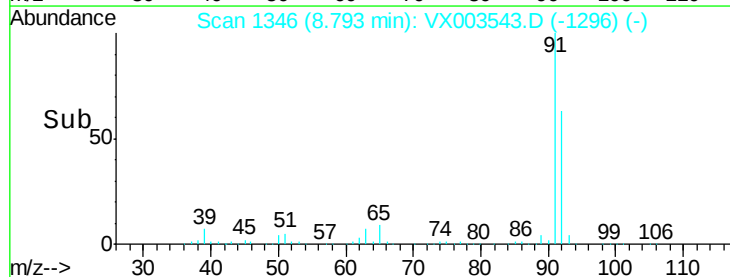


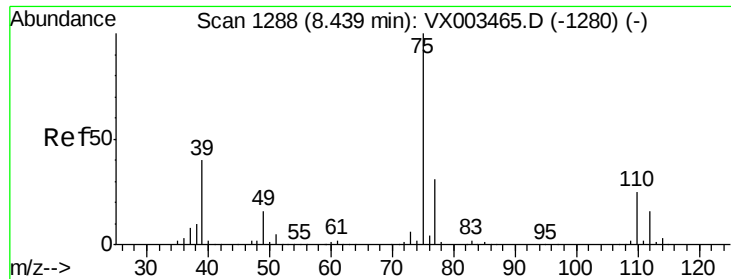
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.80 8.90 9.00

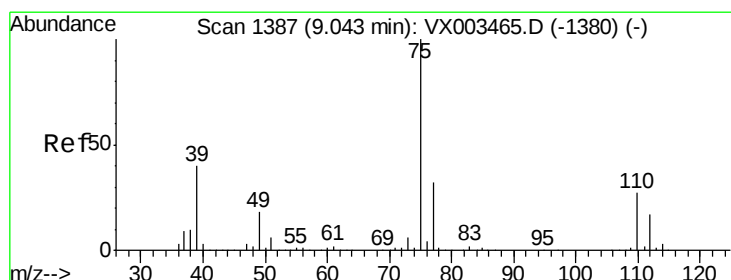
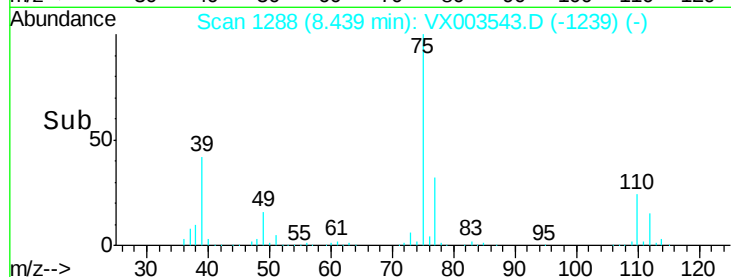
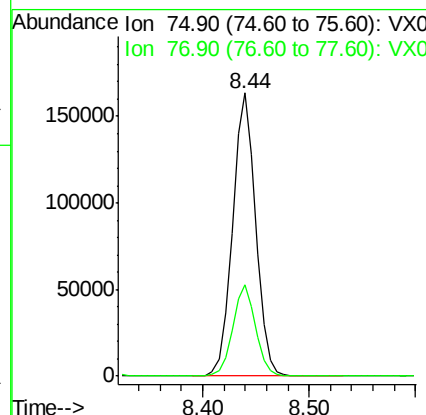
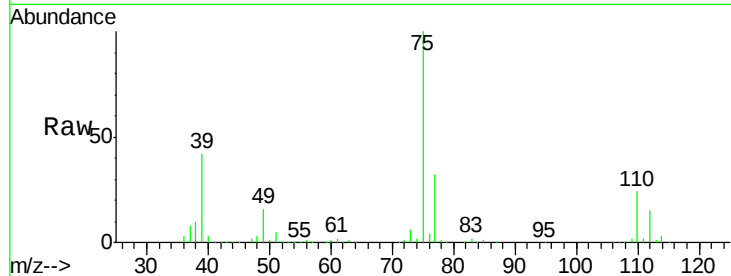




#53
t-1,3-Dichloropropene
Concen: 51.46 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

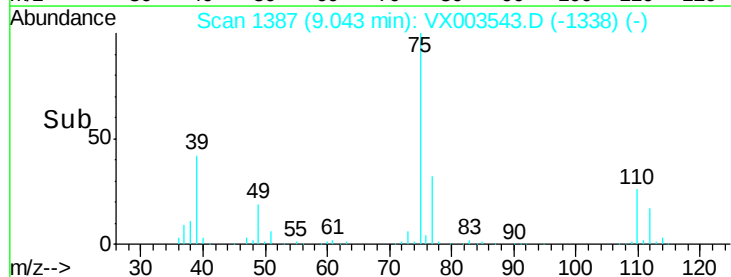
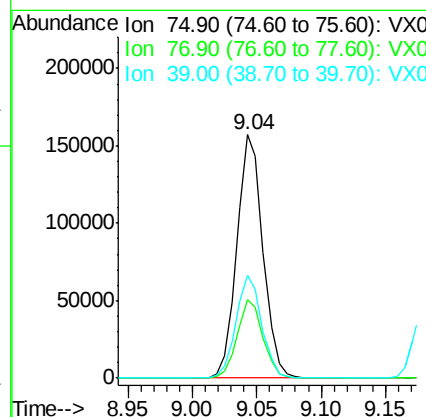
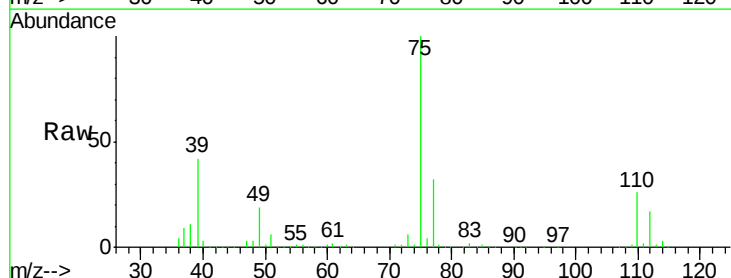
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

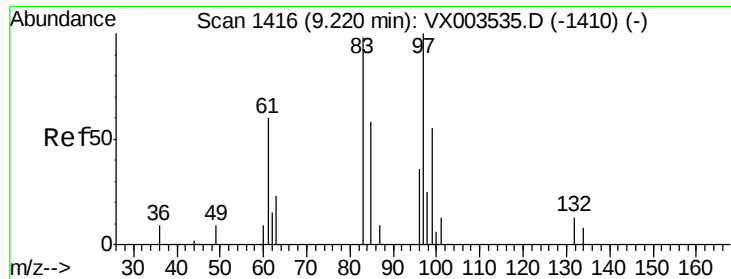
Tot Ion: 75 Resp: 247993
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.07 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 75 Resp: 221296
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 42.2 42.4 63.6#

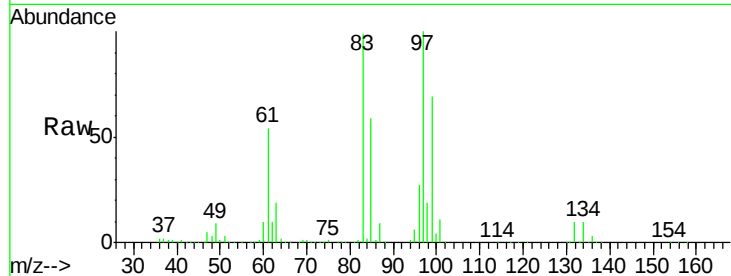




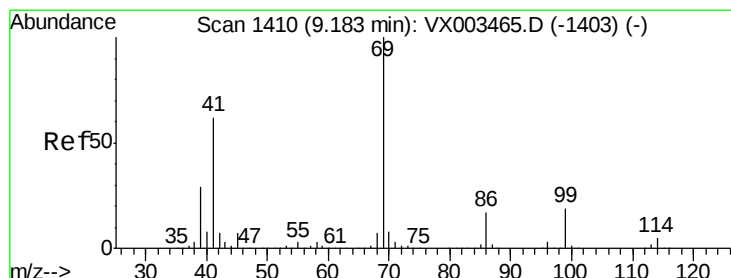
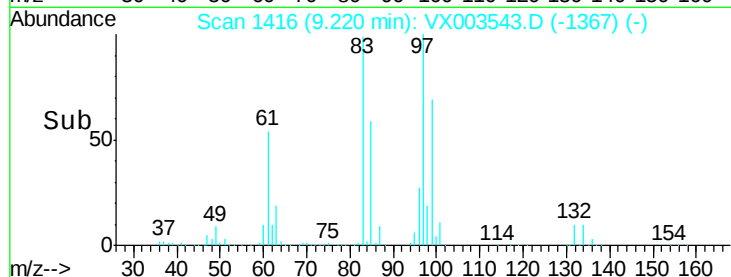
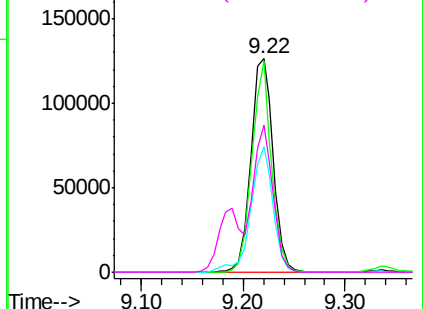
#55
1,1,2-Trichloroethane
Concen: 59.04 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	193450
Ion	Ratio	Lower	Upper
97	100		
83	99.0	70.2	105.2
85	59.0	44.9	67.3
99	68.9	49.8	74.8

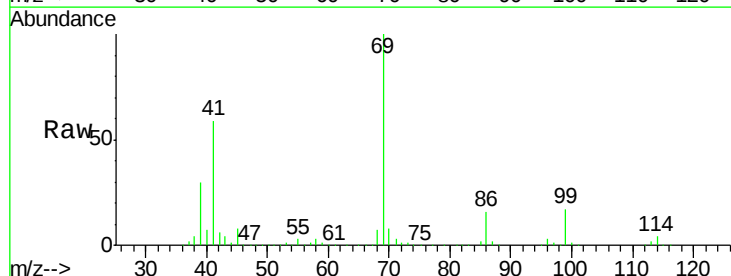


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

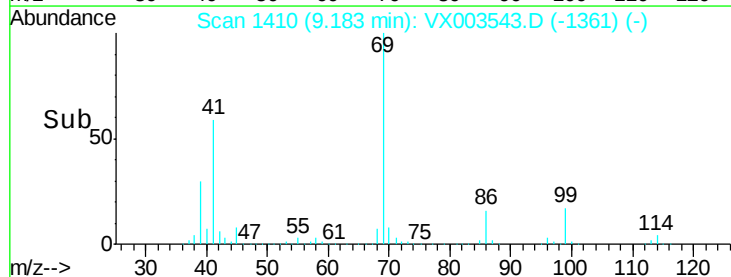
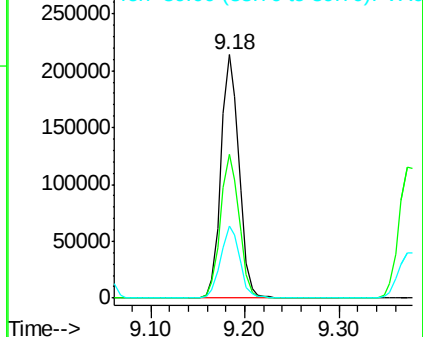


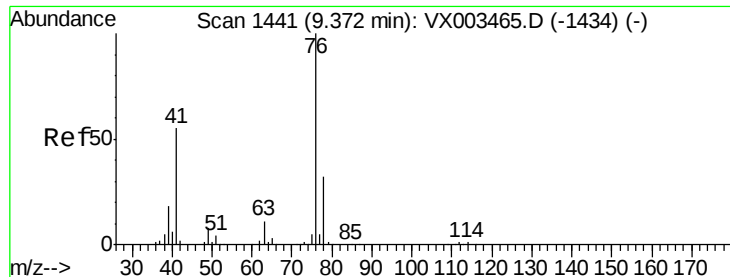
#56
Ethyl methacrylate
Concen: 61.82 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion:	69	Resp:	285325
Ion	Ratio	Lower	Upper
69	100		
41	61.4	60.3	90.5
39	31.0	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

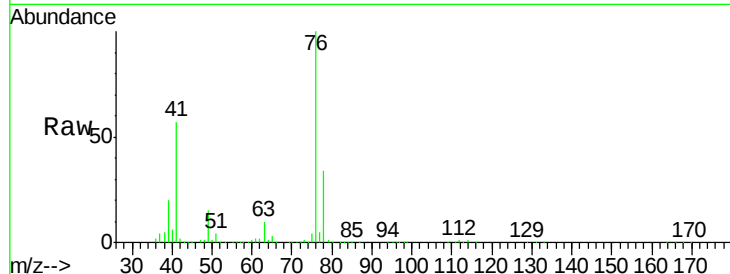




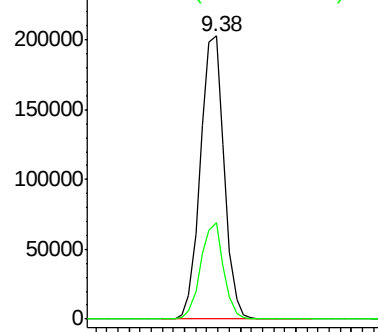
#57
 1,3-Dichloropropane
 Concen: 56.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

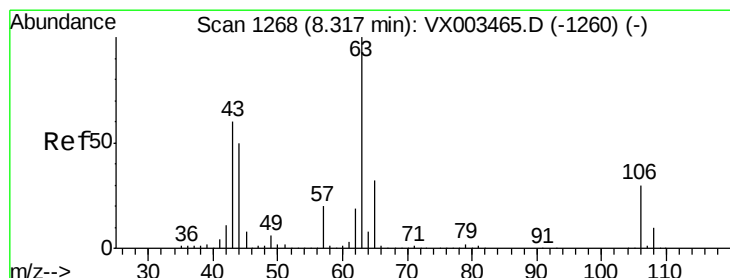
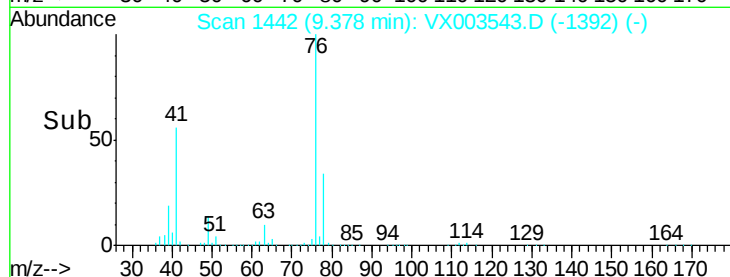
Tot Ion: 76 Resp: 298236
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0
 Ion 77.90 (77.60 to 78.60): VX0

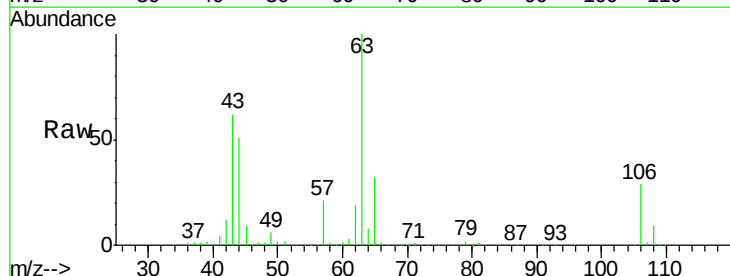


Time-->

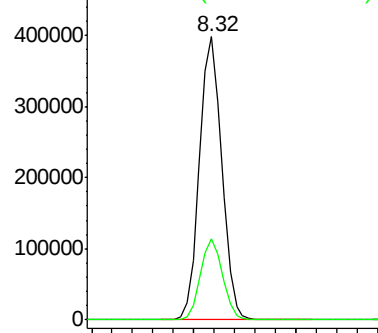


#58
 2-Chloroethyl Vinyl ether
 Concen: 267.79 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

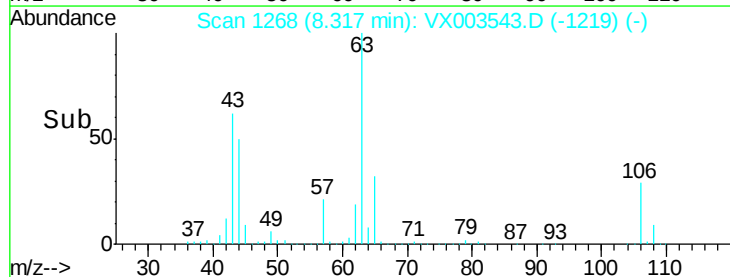
Tgt Ion: 63 Resp: 600974
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V



Time-->

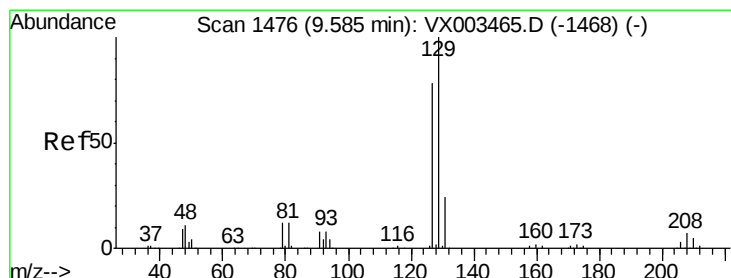
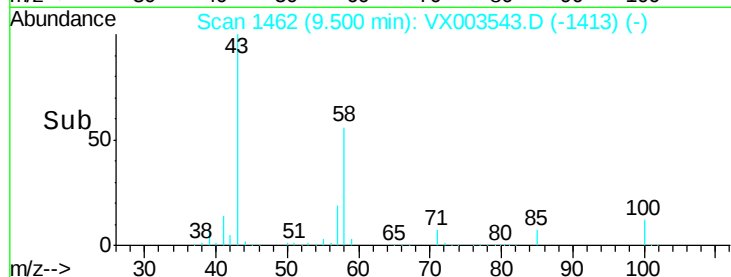
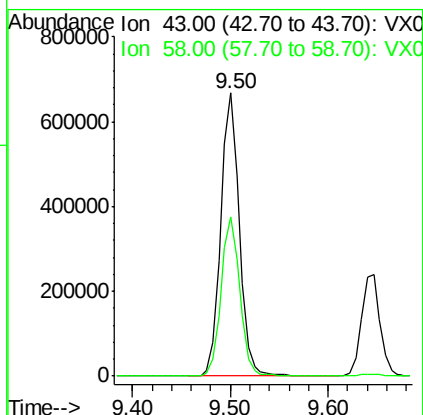
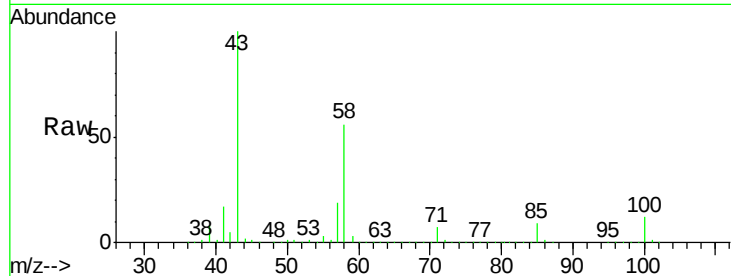




#59
2-Hexanone
Concen: 287.75 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

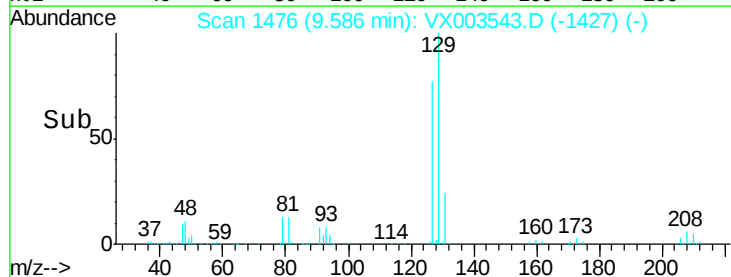
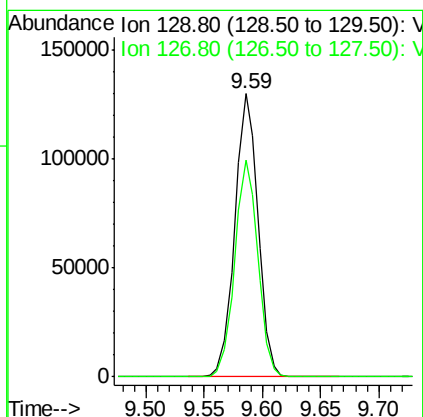
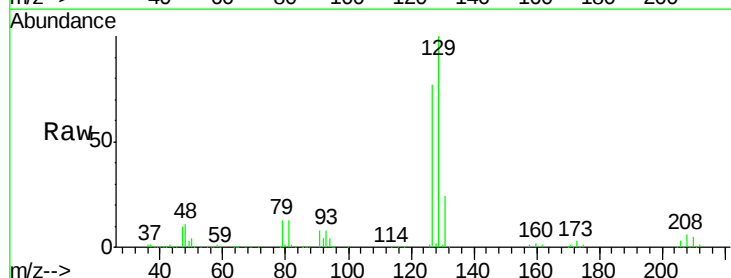
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

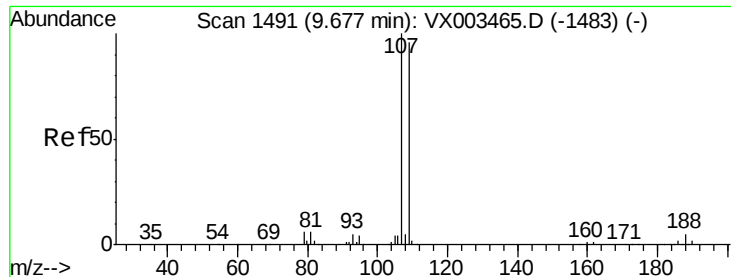
Tot Ion: 43 Resp: 878450
Ion Ratio Lower Upper
43 100
58 57.1 24.6 73.6



#60
Dibromochloromethane
Concen: 55.68 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 129 Resp: 180573
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.03 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

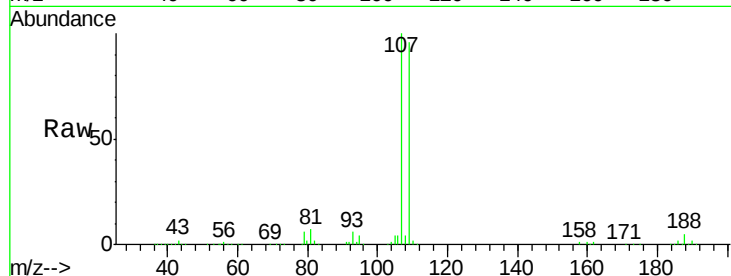
VSTDCCC050EC

Tot Ion:107 Resp: 183524

Ion Ratio Lower Upper

107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

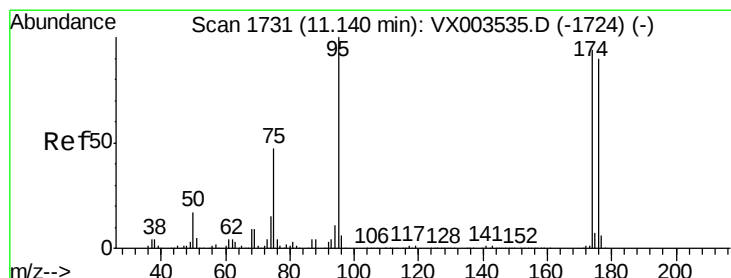
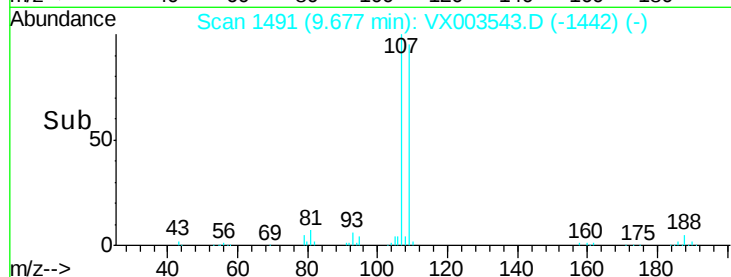
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

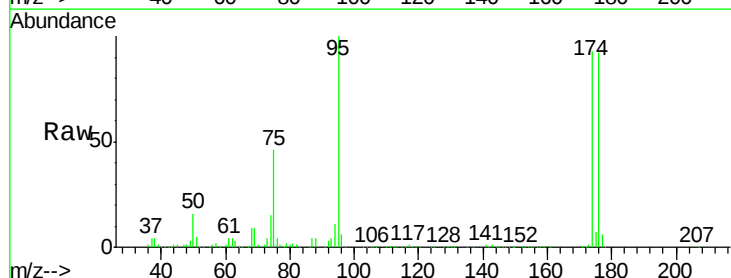
Tgt Ion: 95 Resp: 222288

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

176 92.5 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

250000

200000

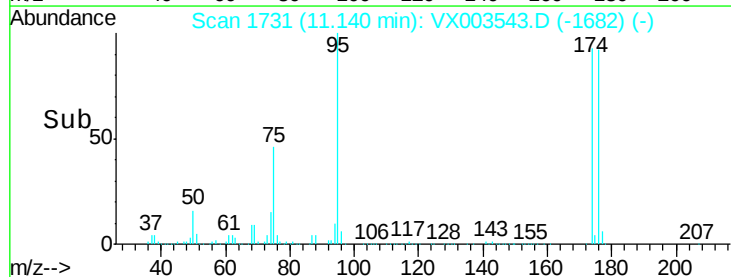
150000

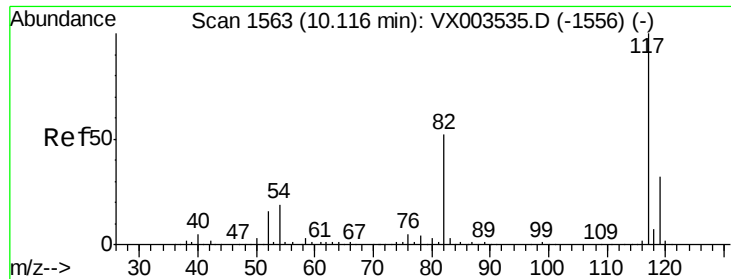
100000

50000

0

Time-->

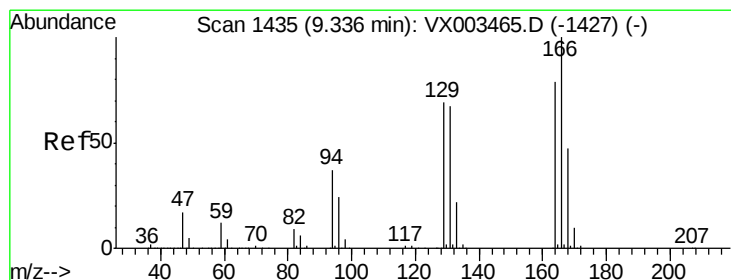
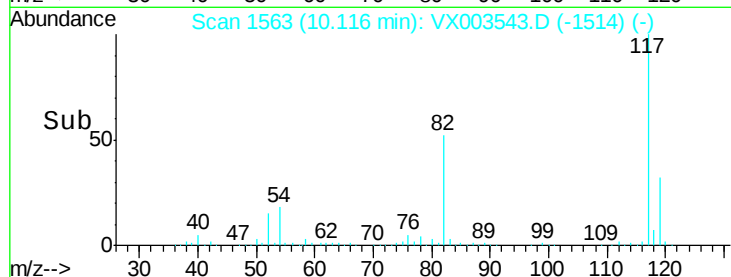
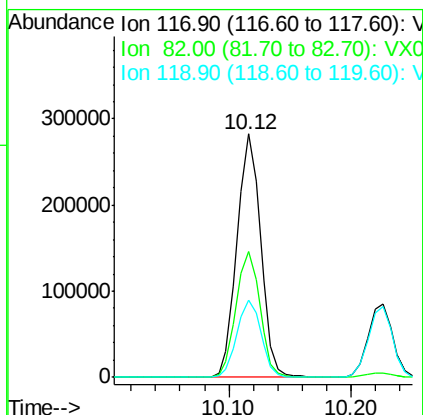
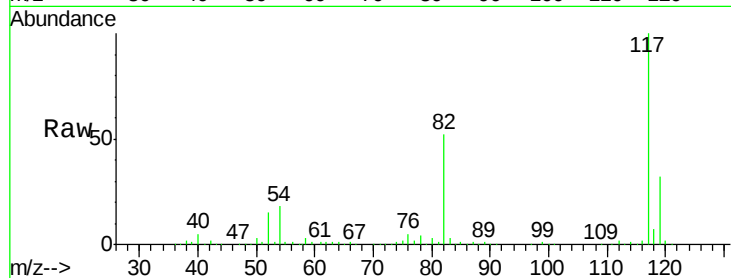




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

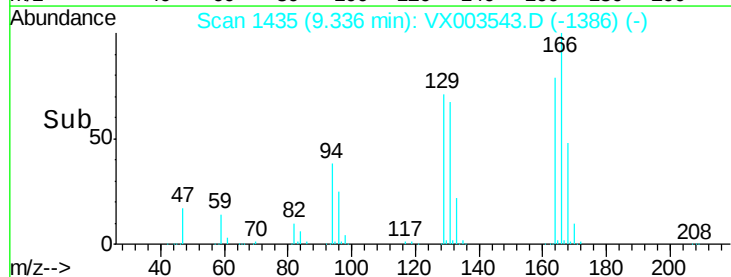
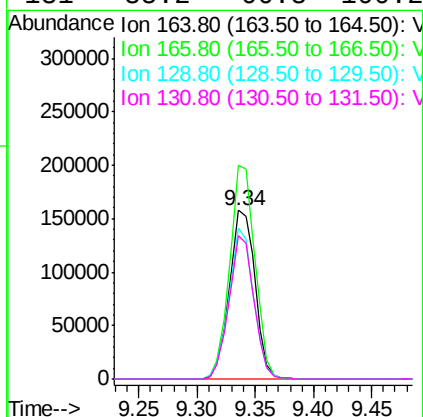
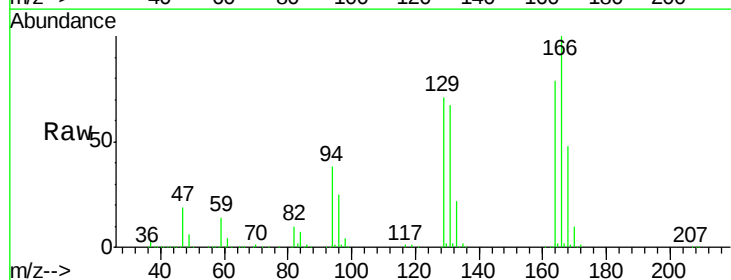
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

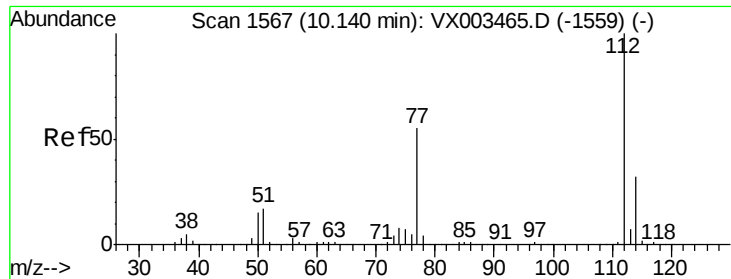
Tot Ion:117 Resp: 379408
Ion Ratio Lower Upper
117 100
82 51.8 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 52.47 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion:164 Resp: 242540
Ion Ratio Lower Upper
164 100
166 126.8 102.9 154.3
129 89.7 68.6 102.8
131 85.2 66.8 100.2

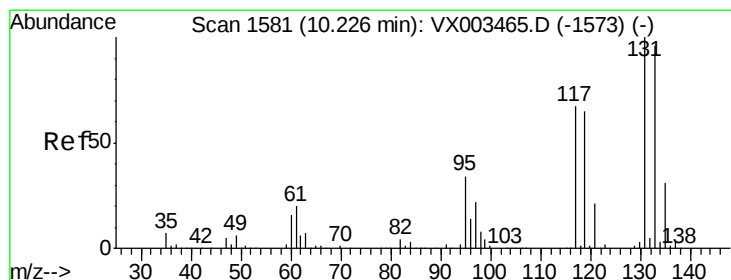
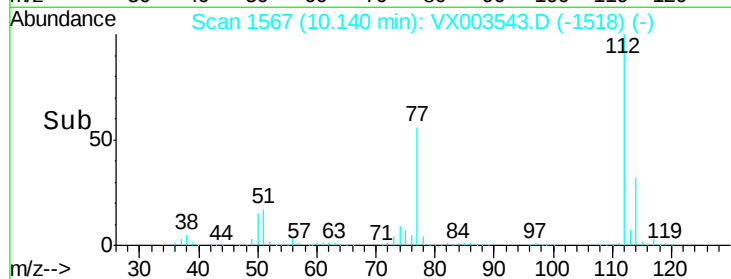
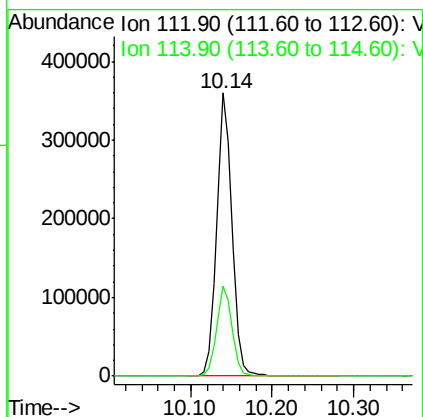
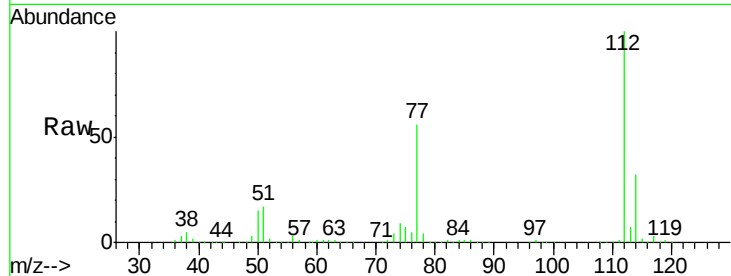




#65
Chlorobenzene
Concen: 49.41 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

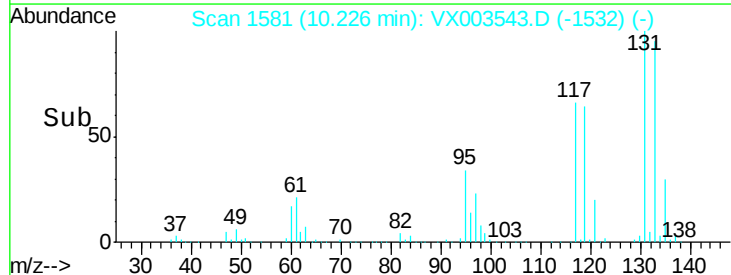
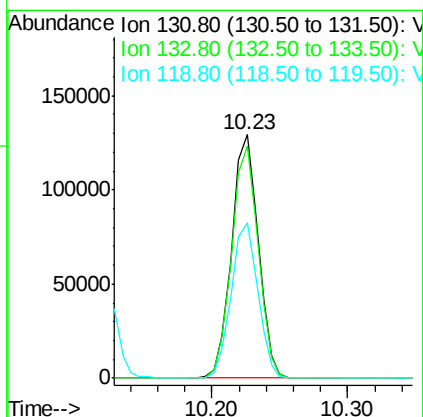
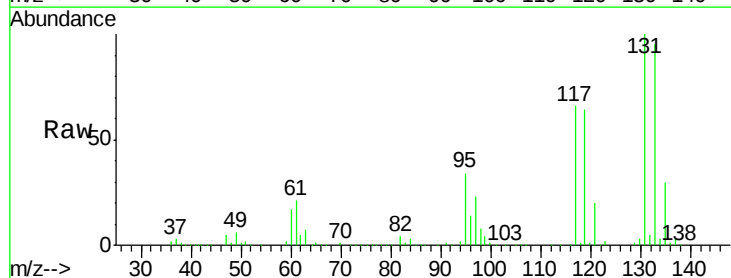
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 483008
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.30 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion:131 Resp: 175909
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 64.4 31.8 95.3

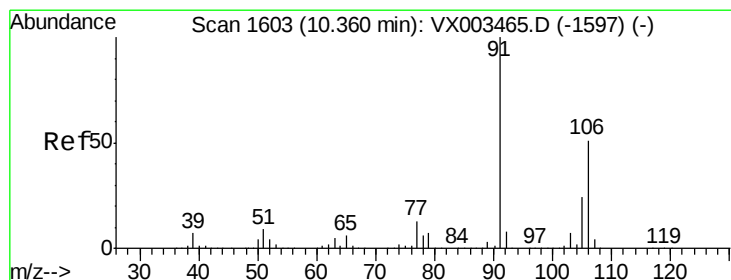
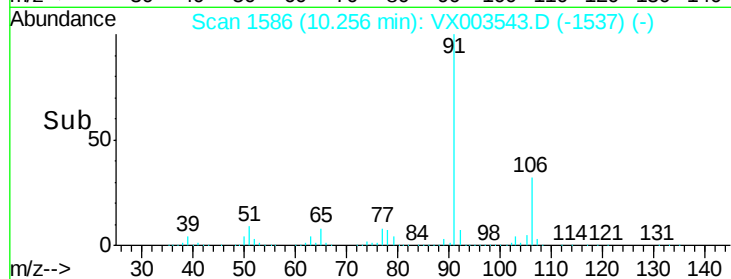
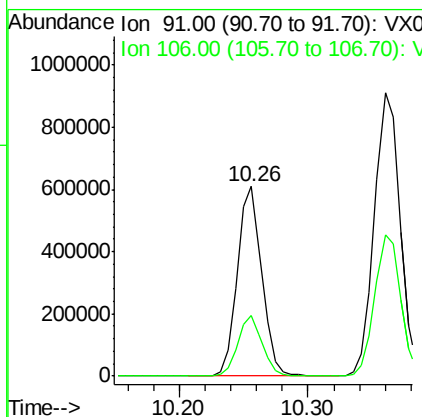
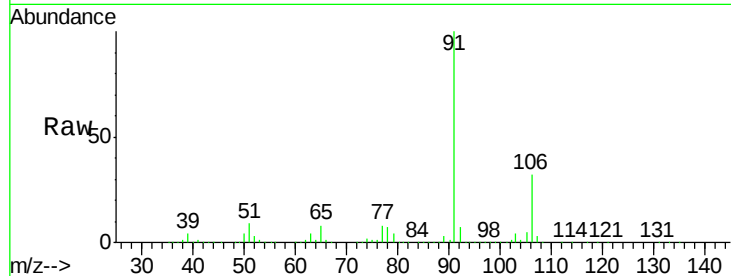




#67
Ethyl Benzene
Concen: 51.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

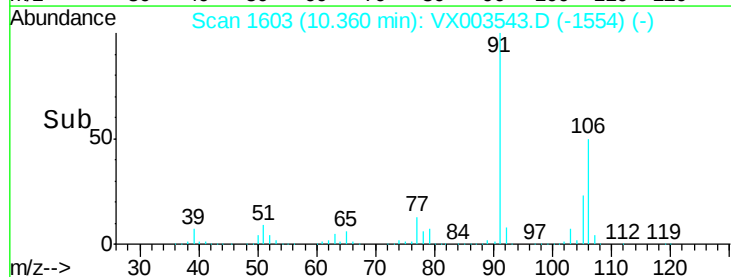
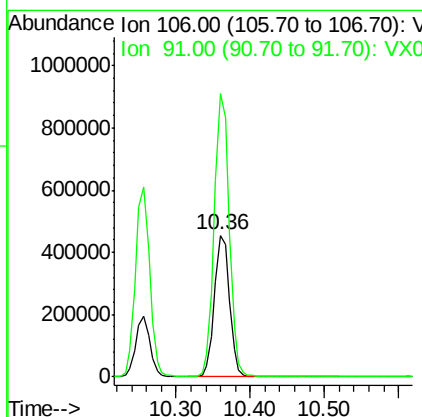
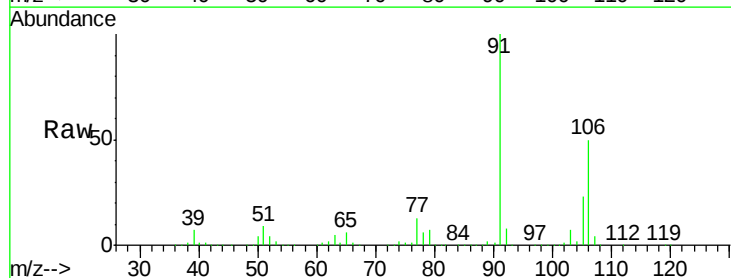
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

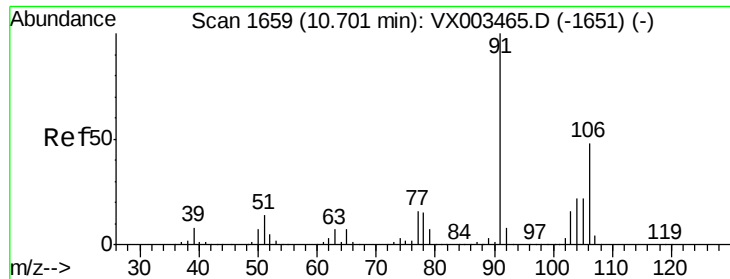
Tot Ion: 91 Resp: 804730
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 102.52 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 106 Resp: 631719
Ion Ratio Lower Upper
106 100
91 198.9 163.4 245.2

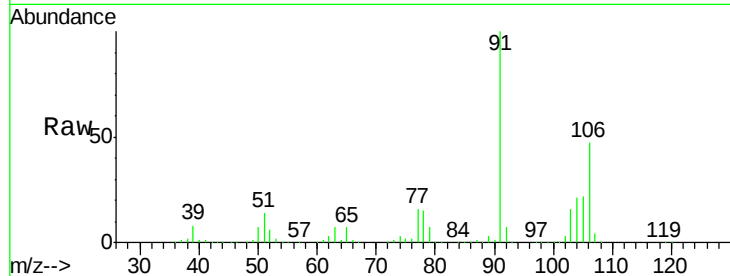




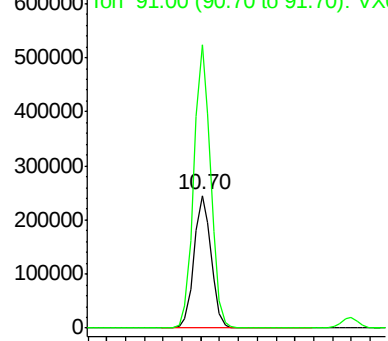
#69
o-Xylene
Concen: 51.72 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

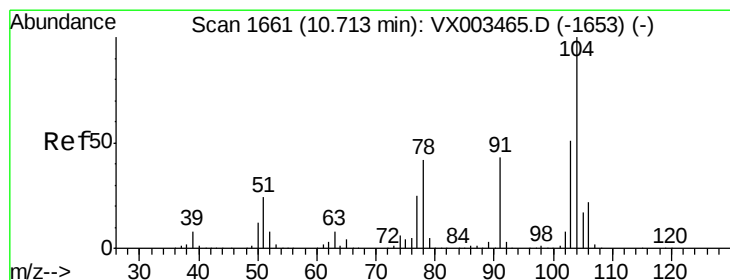
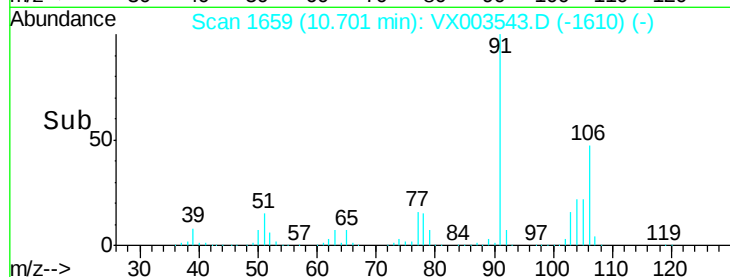
Tot Ion:106 Resp: 308186
Ion Ratio Lower Upper
106 100
91 210.6 108.2 324.6



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

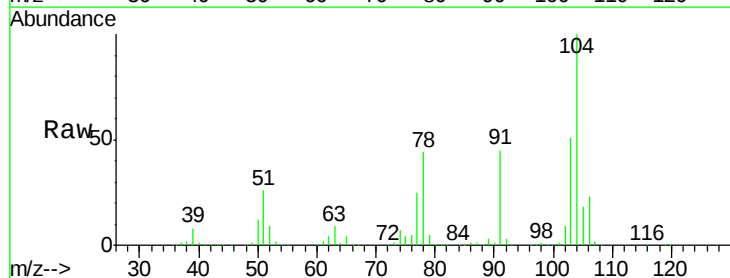


Time--> 10.60 10.70 10.80

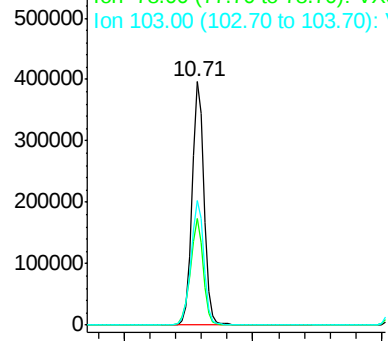


#70
Styrene
Concen: 53.14 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

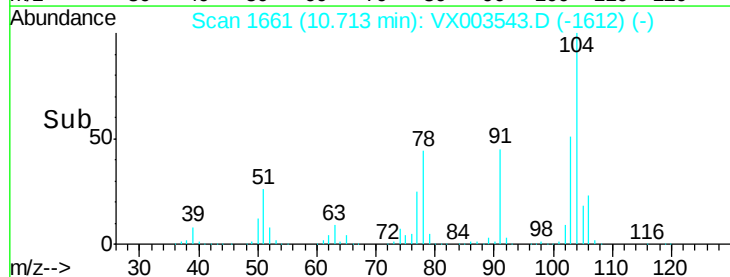
Tgt Ion:104 Resp: 520828
Ion Ratio Lower Upper
104 100
78 47.1 41.0 61.6
103 55.4 44.2 66.4

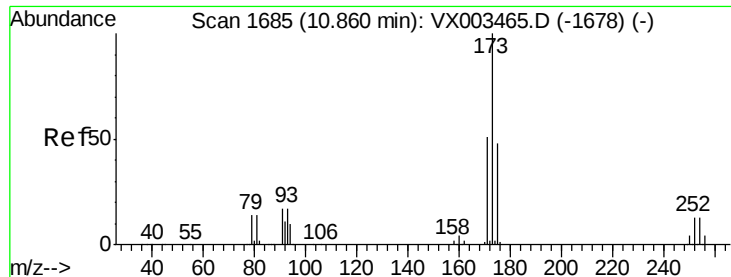


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 54.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

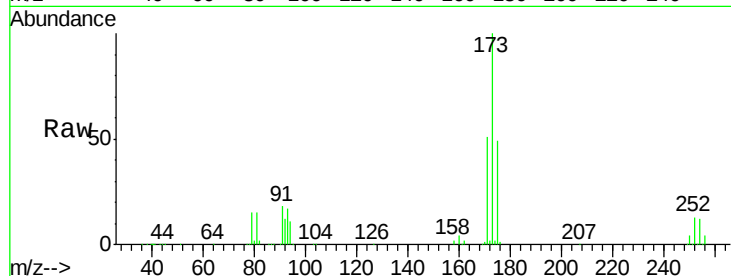
Tot Ion:173 Resp: 142094

Ion Ratio Lower Upper

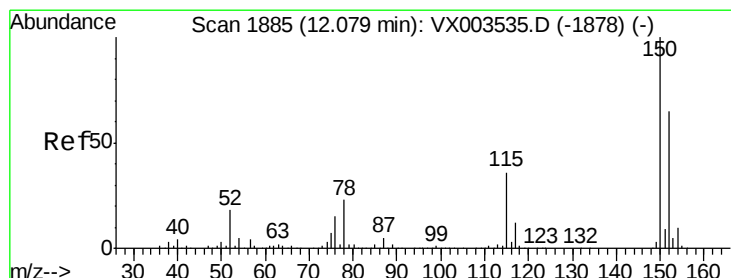
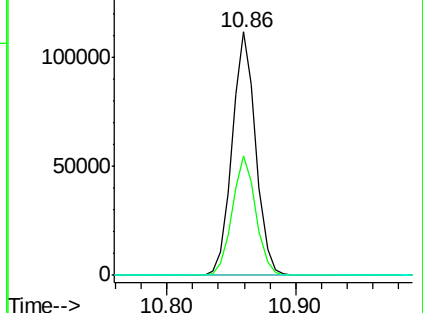
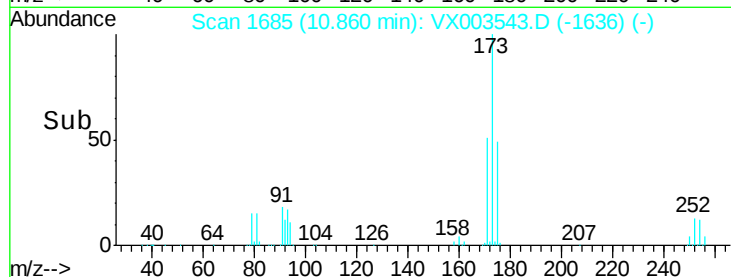
173 100

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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

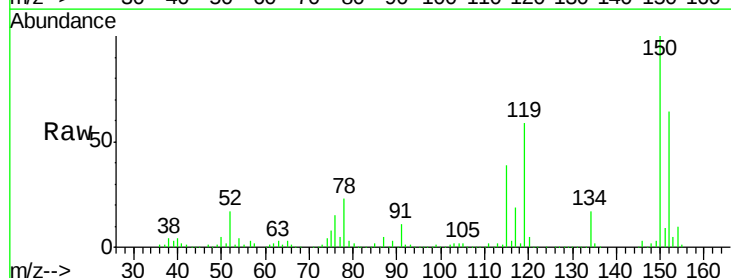
Tgt Ion:152 Resp: 231422

Ion Ratio Lower Upper

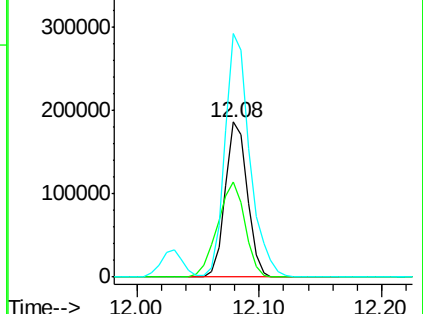
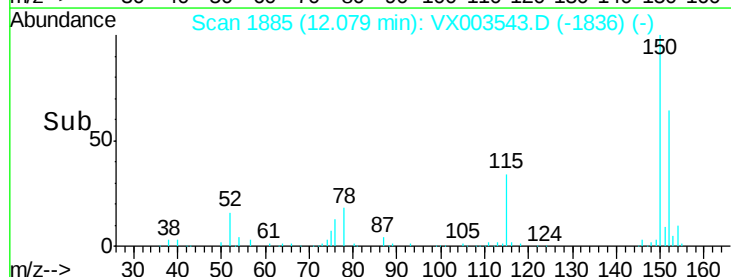
152 100

115 76.6 40.1 120.2

150 175.7 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: 51.38 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

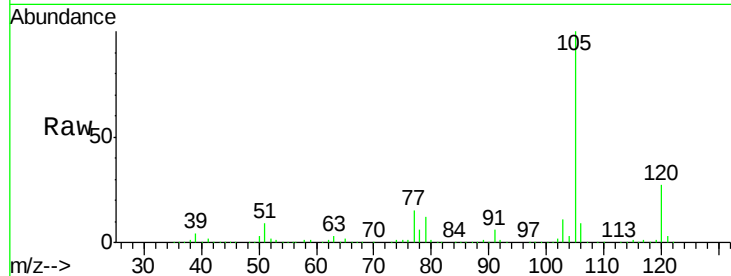
VSTDCCC050EC

Tot Ion:105 Resp: 822362

Ion Ratio Lower Upper

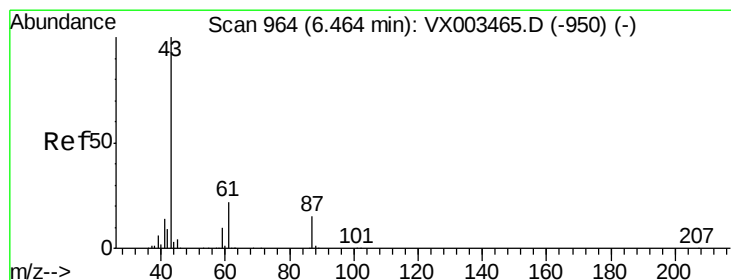
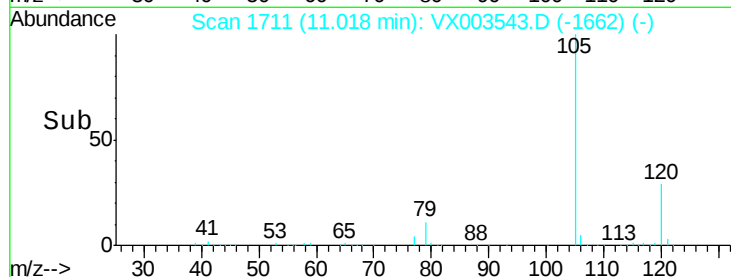
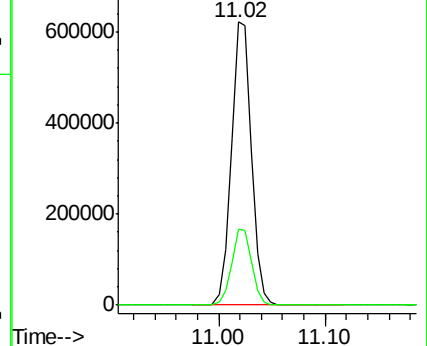
105 100

120 26.8 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: 52.40 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Tgt Ion: 43 Resp: 356143

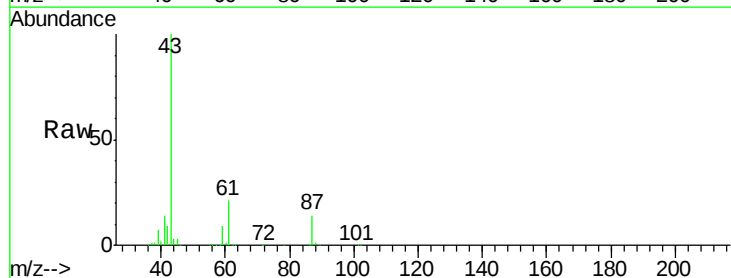
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 21.0 14.4 21.6

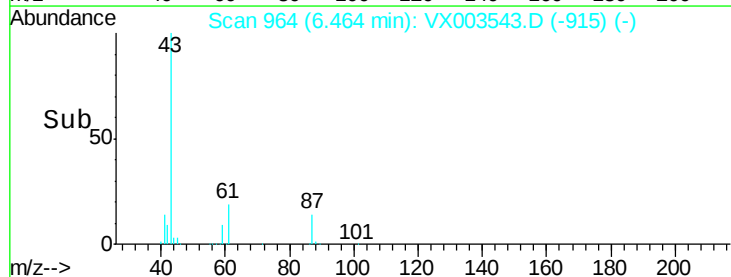
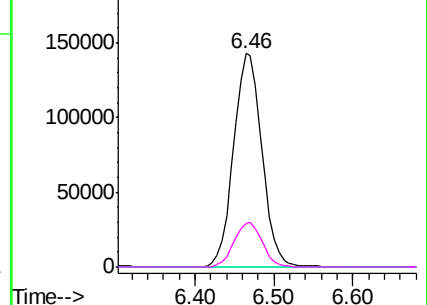


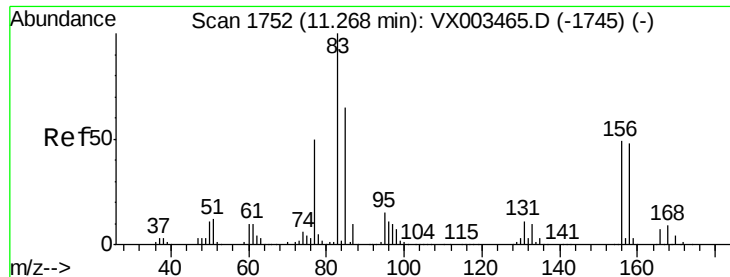
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.83 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

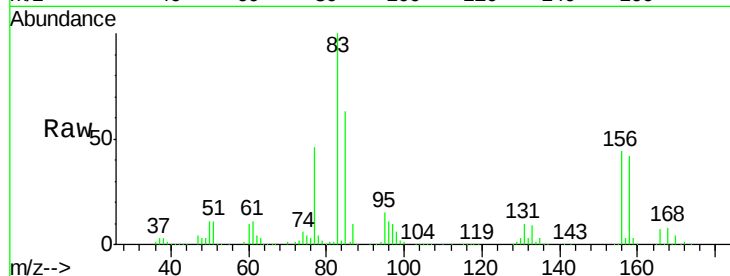
Tot Ion: 83 Resp: 247779

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

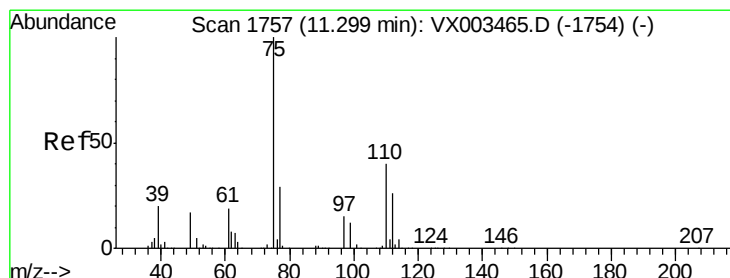
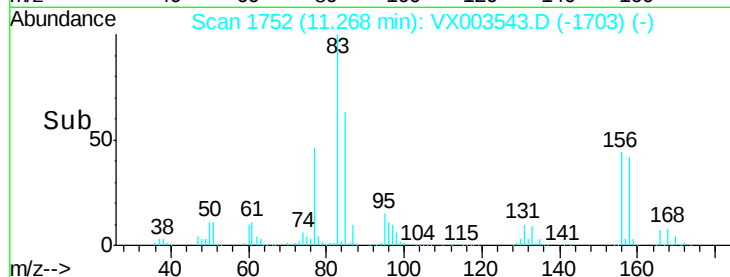
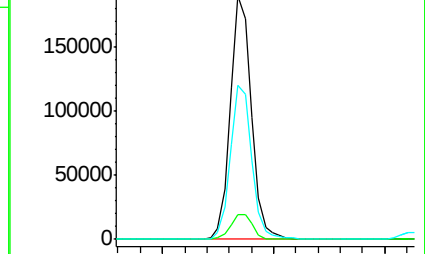
85 64.2 32.4 97.2



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: 66.66 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003543.D

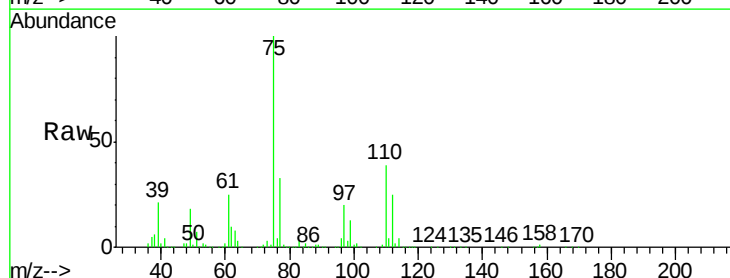
Acq: 21 Jul 2018 07:06

Tgt Ion: 75 Resp: 277154

Ion Ratio Lower Upper

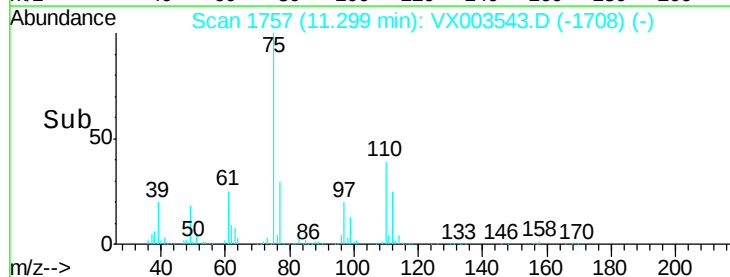
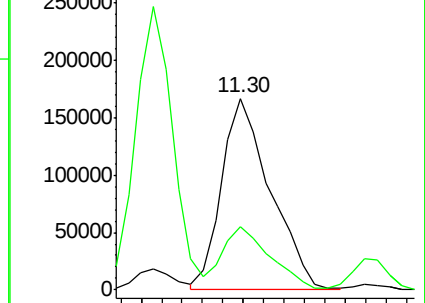
75 100

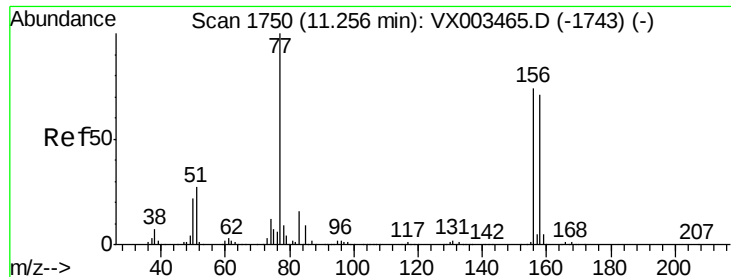
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.54 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

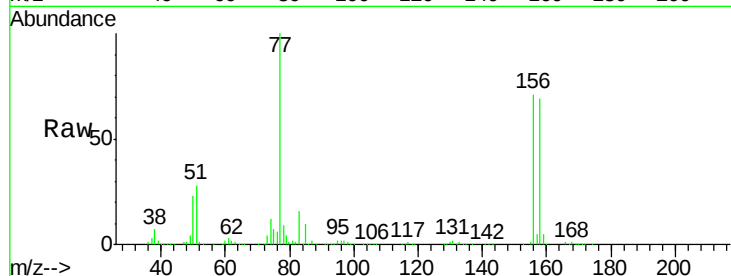
Tot Ion:156 Resp: 228044

Ion Ratio Lower Upper

156 100

77 137.2 71.4 214.2

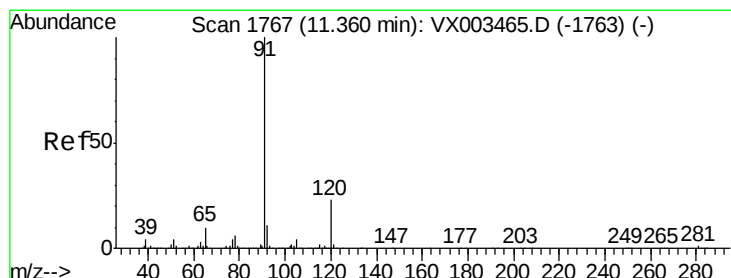
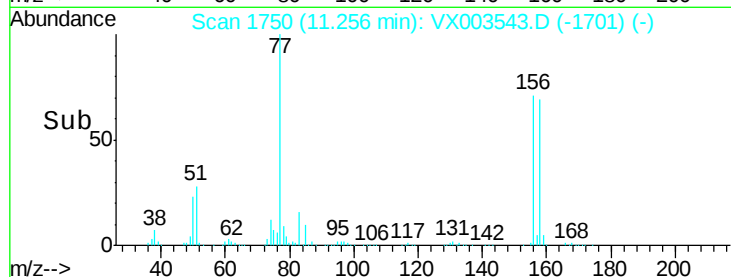
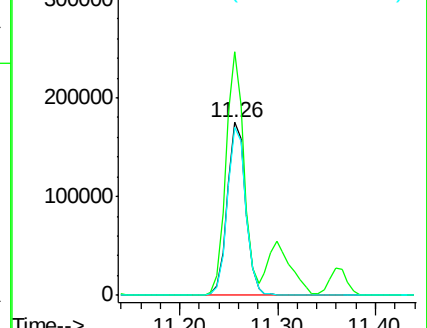
158 97.7 48.9 146.6



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: 51.78 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003543.D

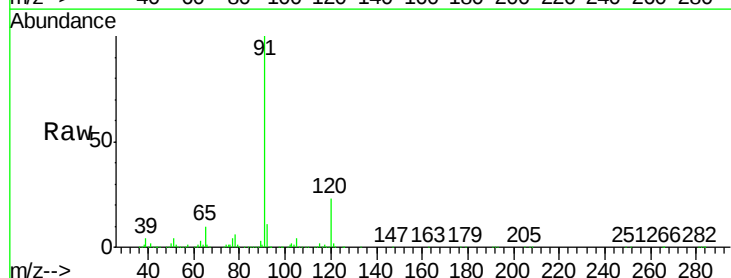
Acq: 21 Jul 2018 07:06

Tgt Ion: 91 Resp: 921225

Ion Ratio Lower Upper

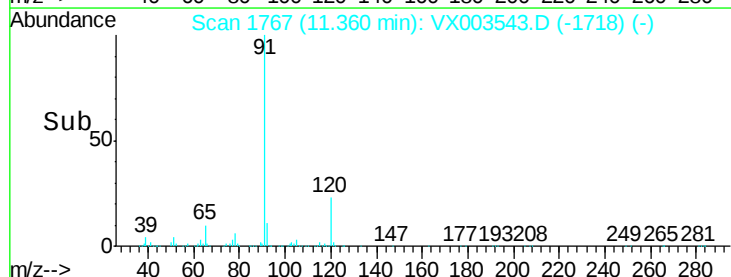
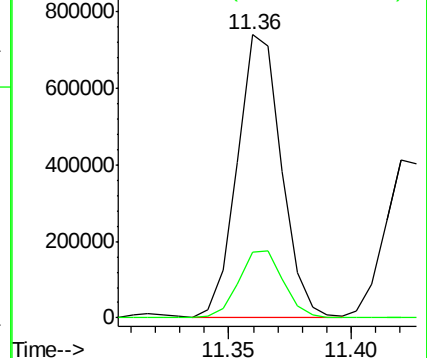
91 100

120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

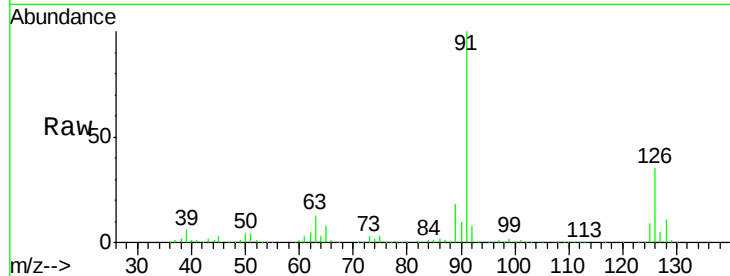




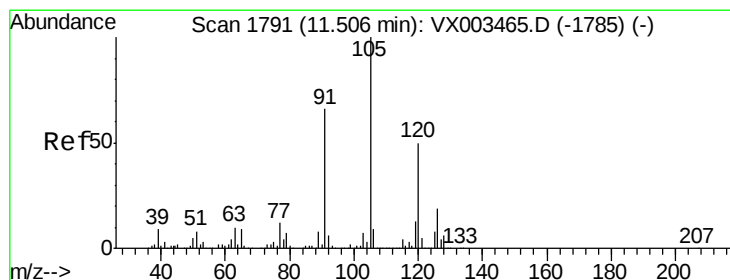
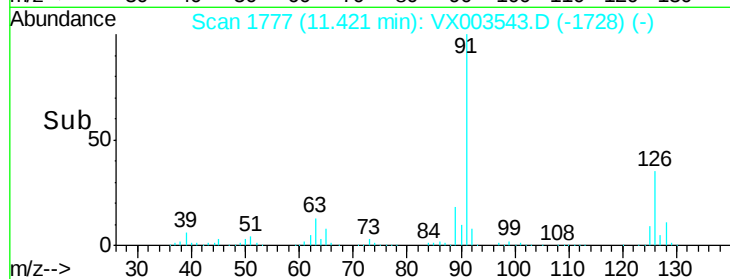
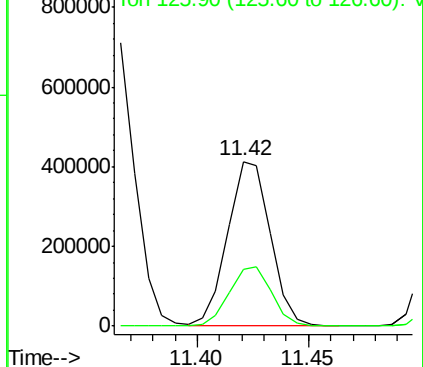
#79
 2-Chlorotoluene
 Concen: 50.60 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 546486
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.7 53.1

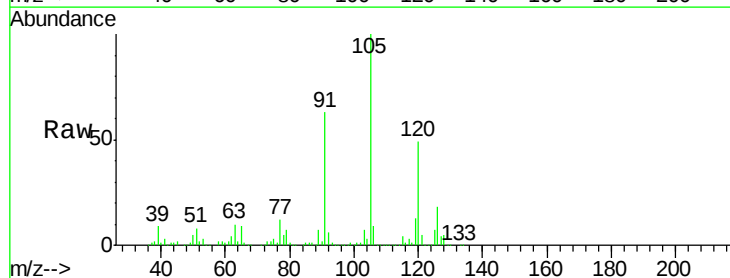


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

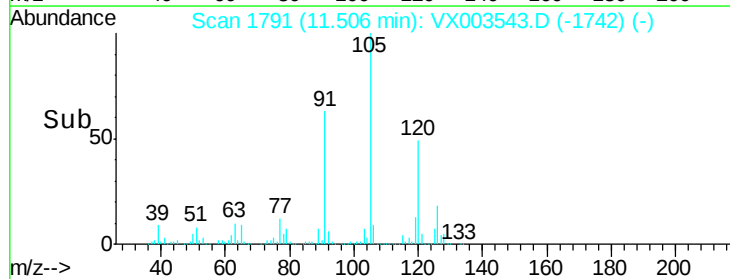
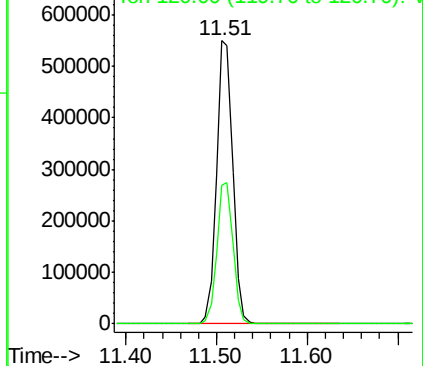


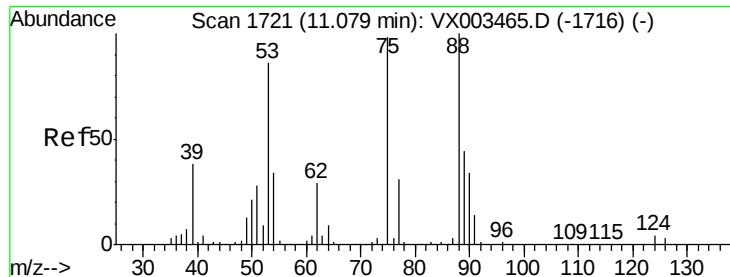
#80
 1,3,5-Trimethylbenzene
 Concen: 52.30 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion: 105 Resp: 687978
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



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

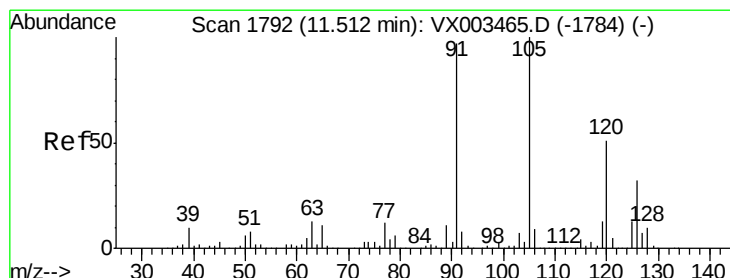
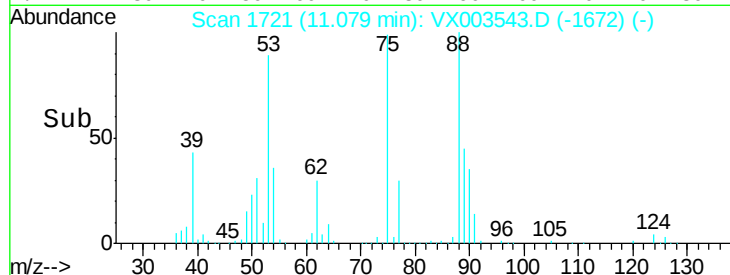
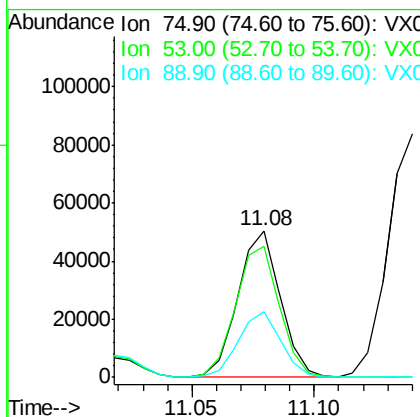
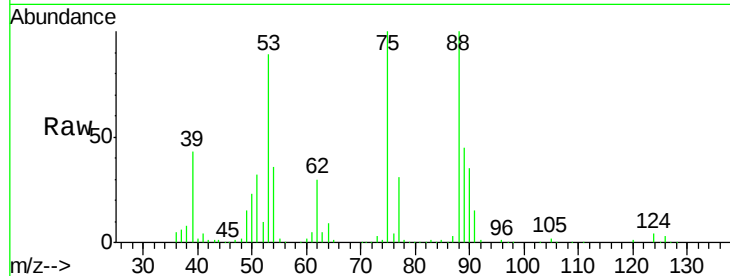




#81
trans-1,4-Dichloro-2-butene
Concen: 41.61 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

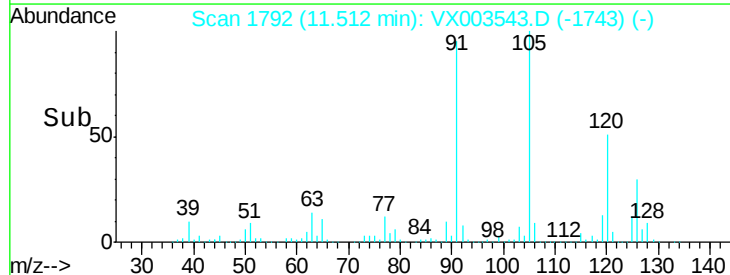
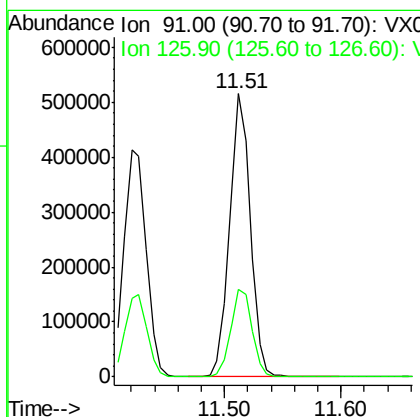
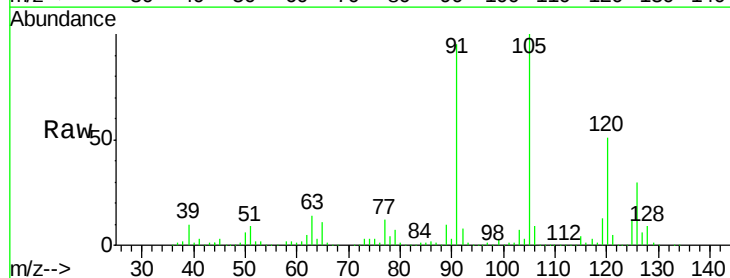
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

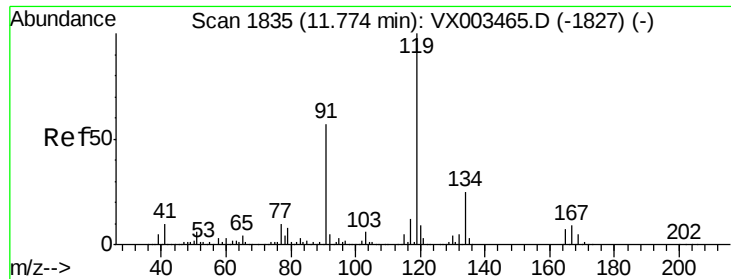
Tot Ion: 75 Resp: 60294
Ion Ratio Lower Upper
75 100
53 93.8 86.8 130.2
89 45.4 38.2 57.2



#82
4-Chlorotoluene
Concen: 50.81 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 91 Resp: 642983
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4

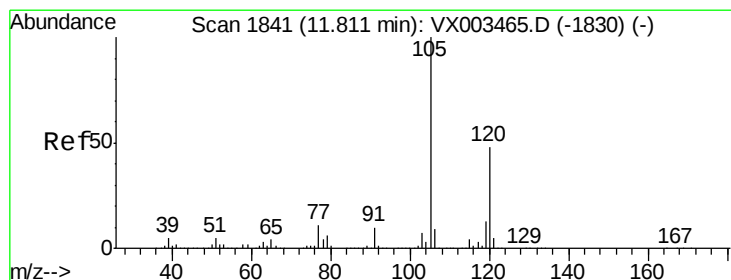
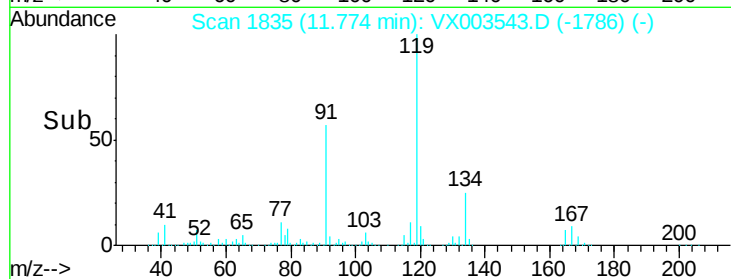
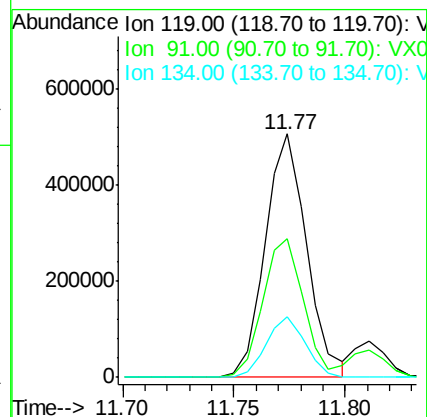
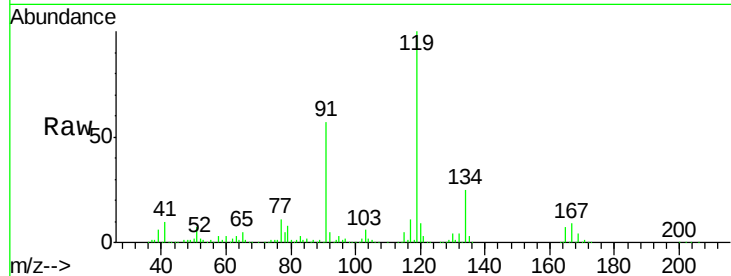




#83
 tert-Butylbenzene
 Concen: 50.73 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

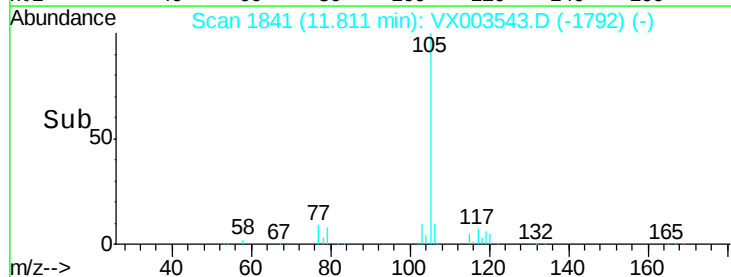
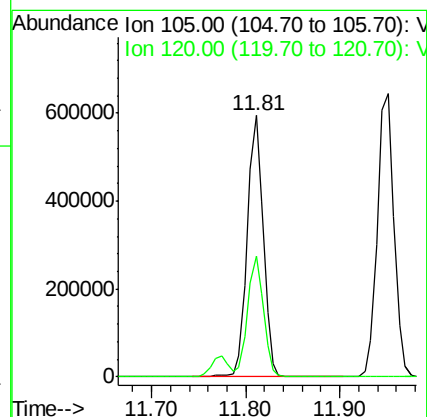
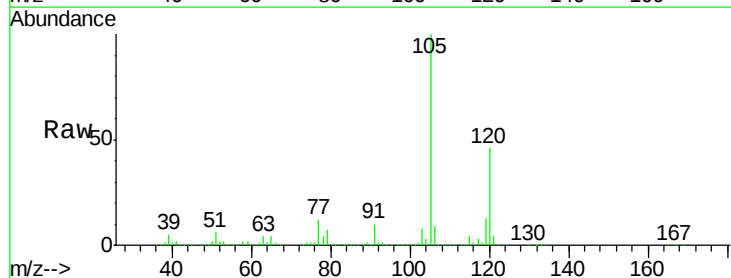
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

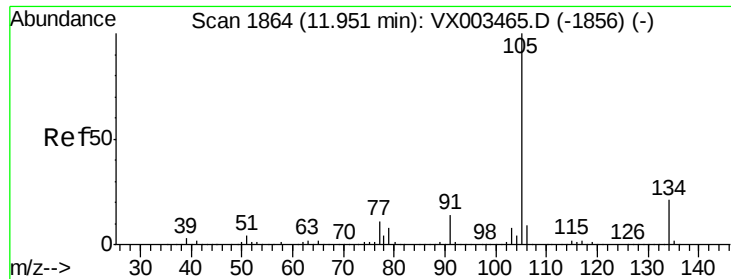
Tot Ion:119 Resp: 653435
 Ion Ratio Lower Upper
 119 100
 91 55.8 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.82 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion:105 Resp: 706921
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8

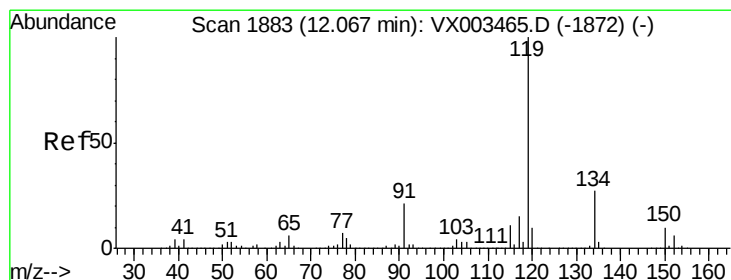
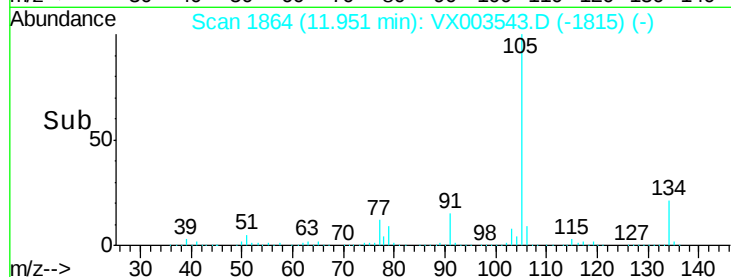
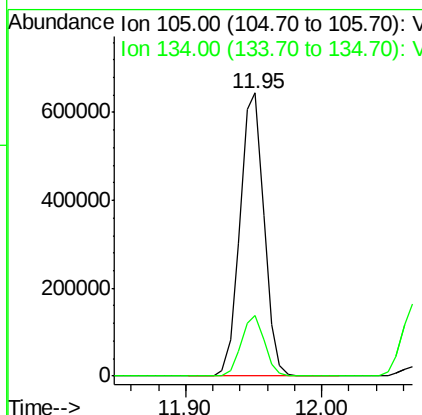
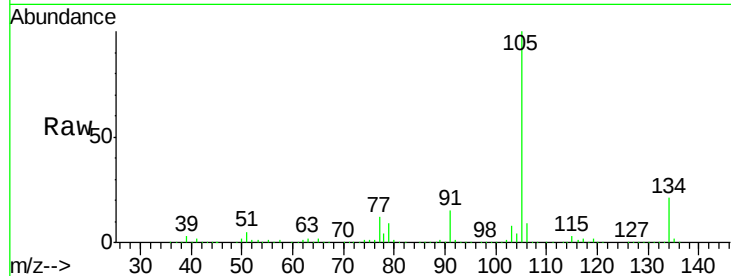




#85
 sec-Butylbenzene
 Concen: 50.69 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

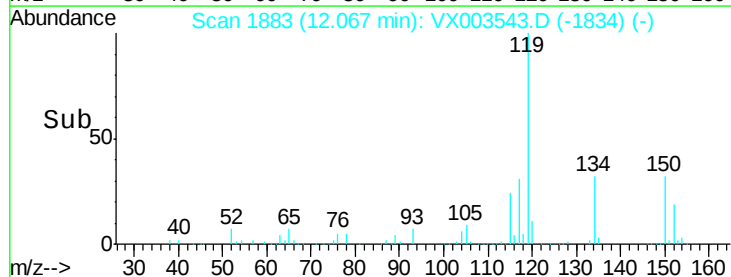
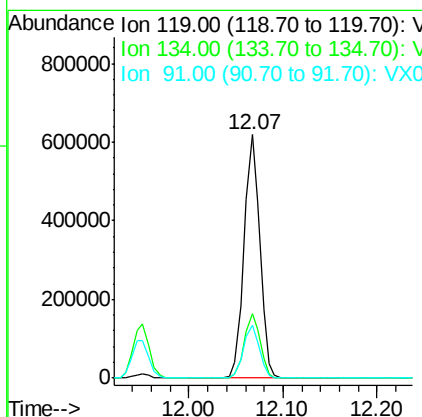
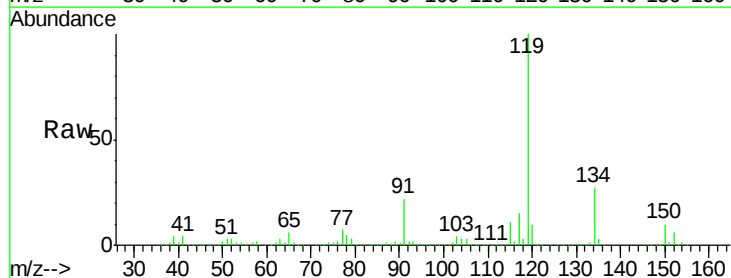
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

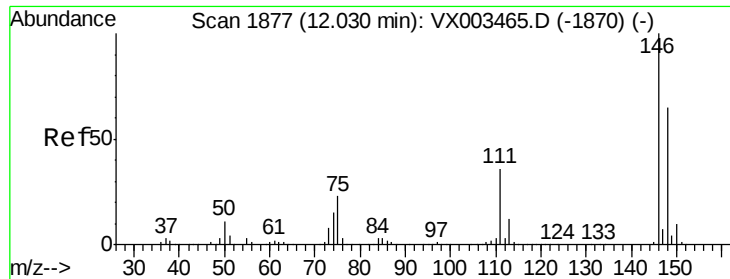
Tot Ion:105 Resp: 793063
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 51.39 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion:119 Resp: 721593
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 21.8 11.9 35.7

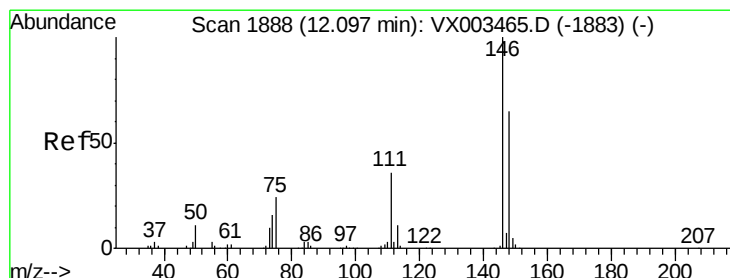
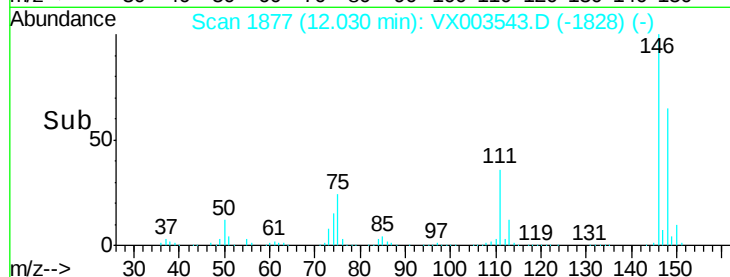
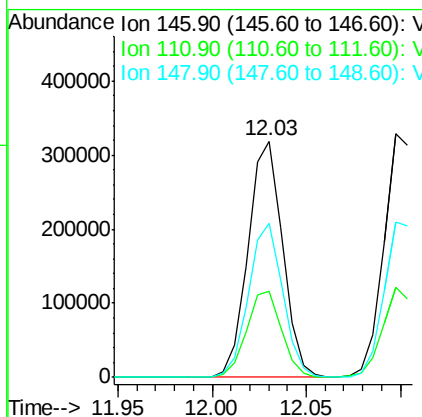
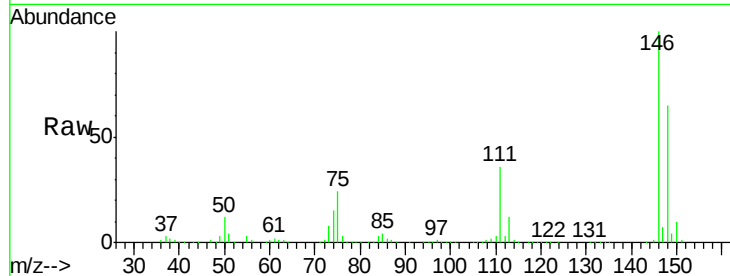




#87
 1,3-Dichlorobenzene
 Concen: 48.01 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

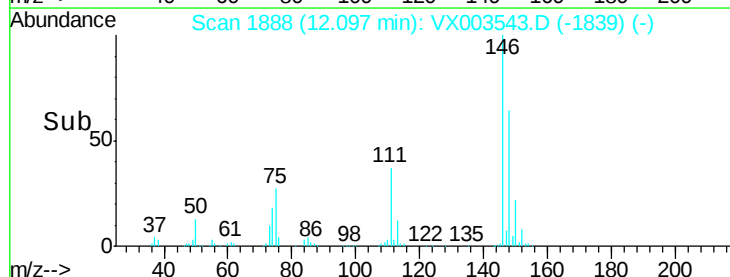
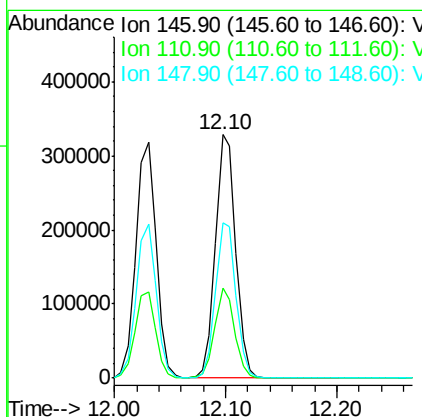
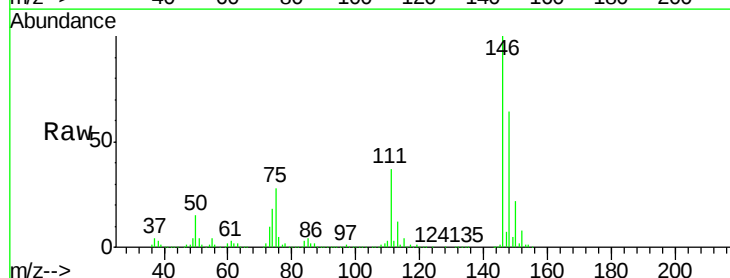
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

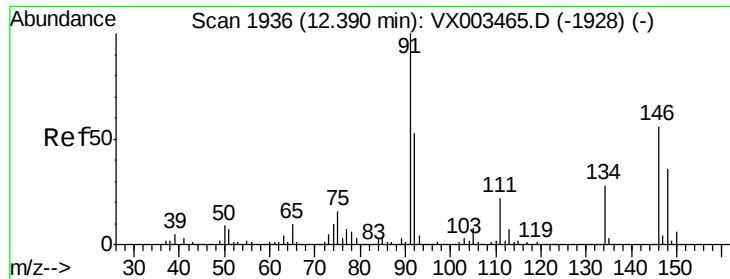
Tot Ion:146 Resp: 406220
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.7
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.47 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion:146 Resp: 413809
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 64.3 32.4 97.0

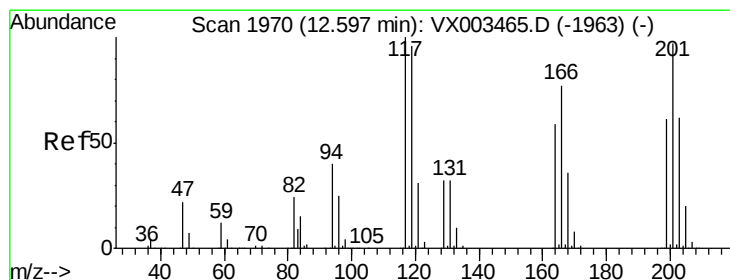
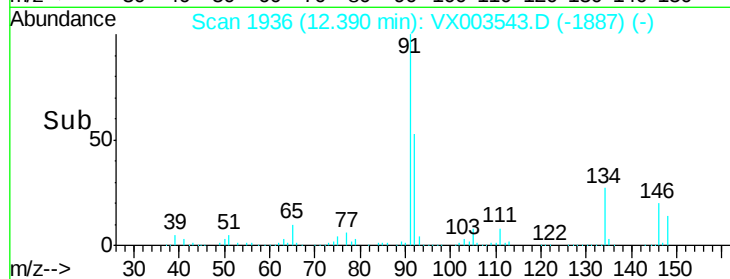
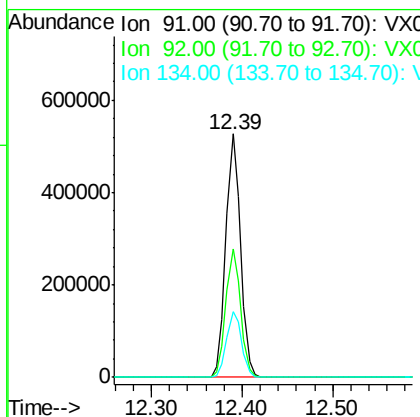
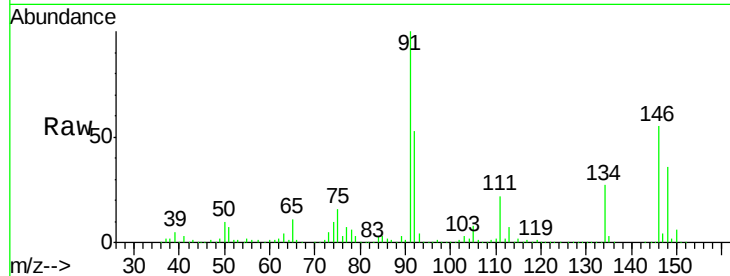




#89
n-Butylbenzene
Concen: 49.84 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

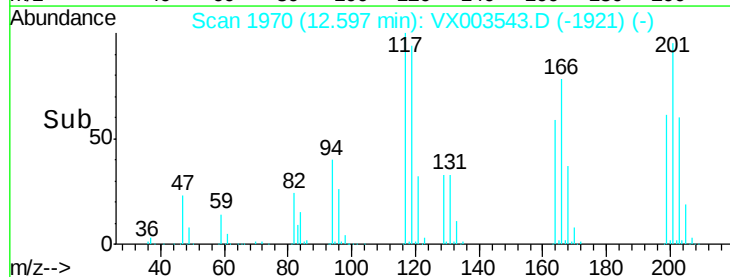
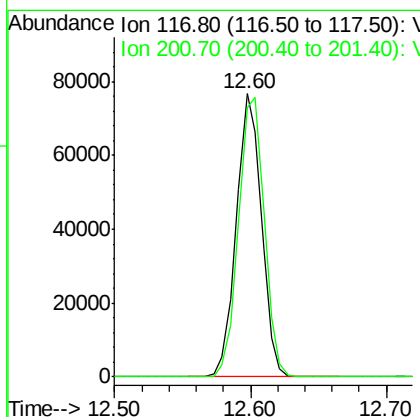
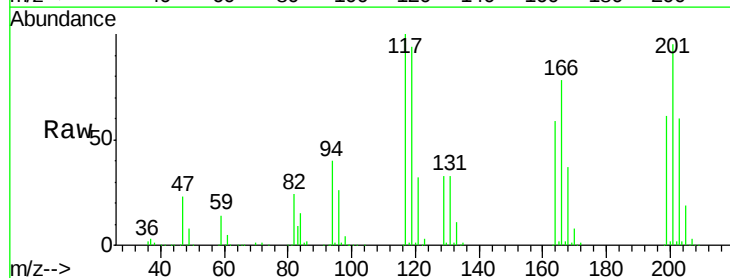
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

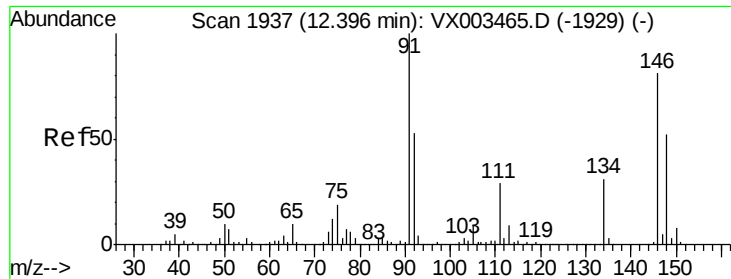
Tot Ion: 91 Resp: 594205
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 27.7 13.5 40.5



#90
Hexachloroethane
Concen: 49.13 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 117 Resp: 98067
Ion Ratio Lower Upper
117 100
201 101.8 49.0 147.0

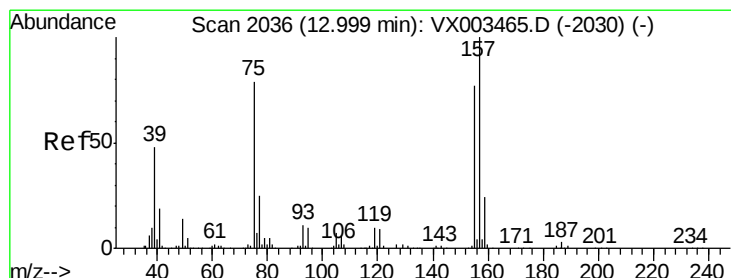
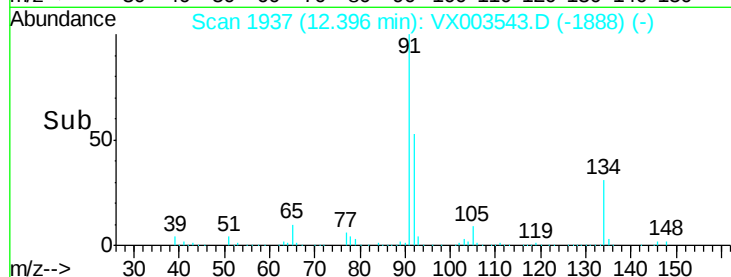
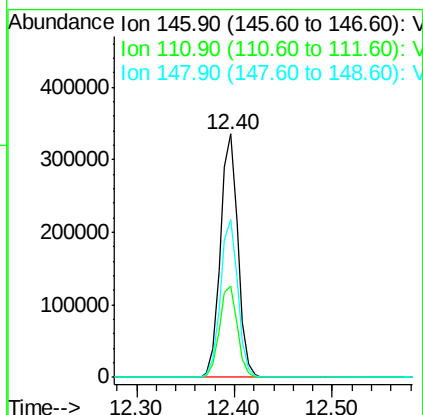
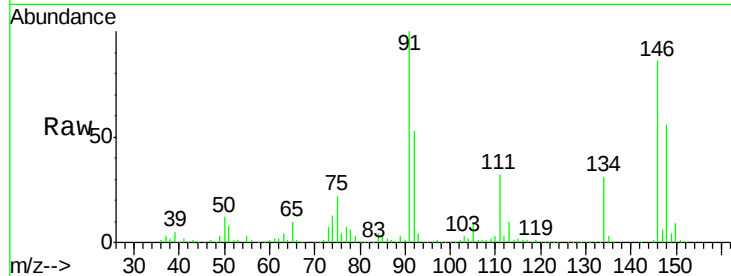




#91
1,2-Dichlorobenzene
Concen: 49.68 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

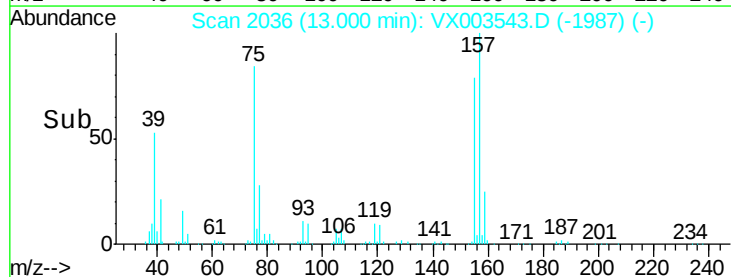
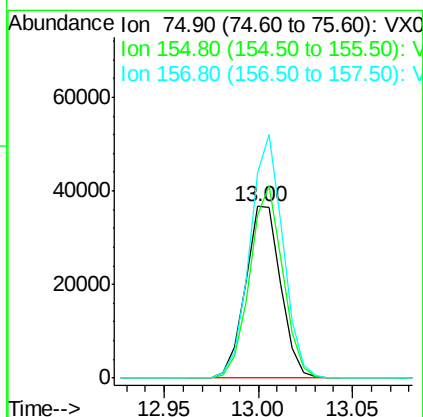
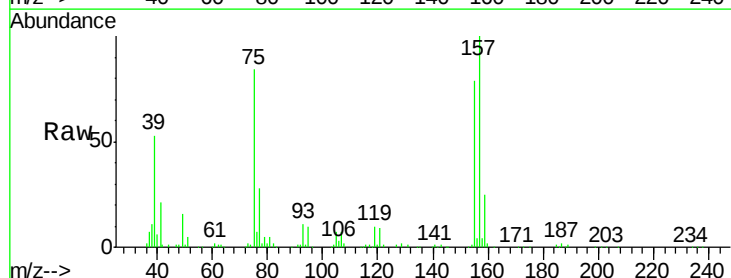
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

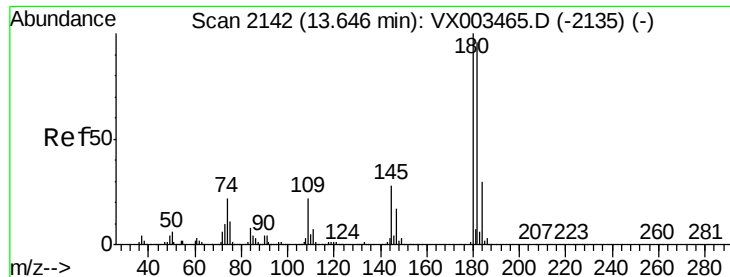
Tot Ion:146 Resp: 414303
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.1
148 64.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.02 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VX003543.D
Acq: 21 Jul 2018 07:06

Tgt Ion: 75 Resp: 47483
Ion Ratio Lower Upper
75 100
155 104.3 45.8 137.4
157 132.8 60.1 180.3

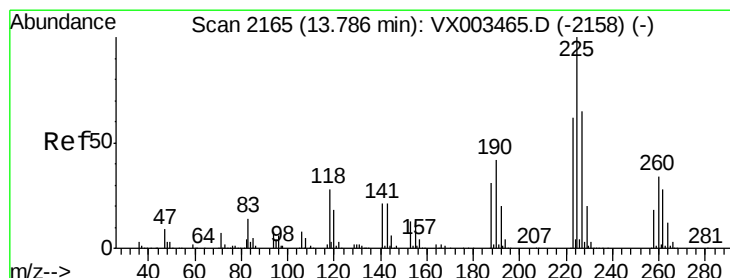
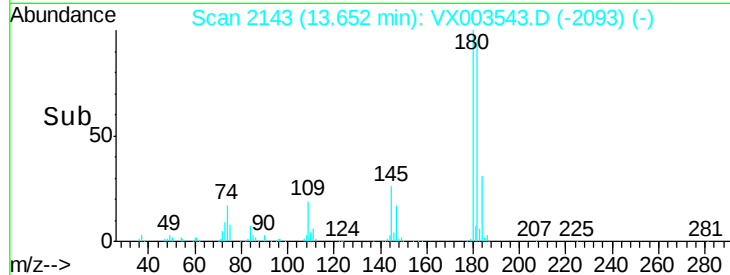
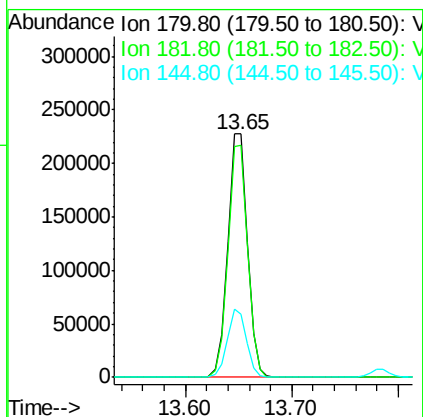
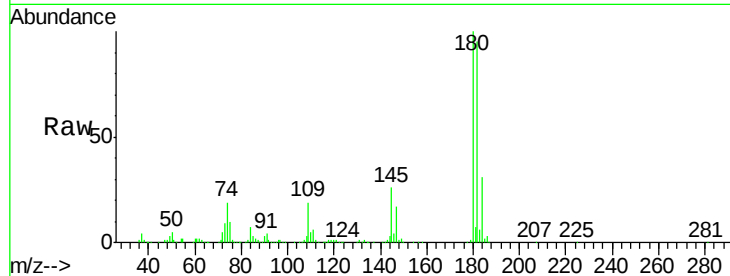




#93
 1,2,4-Trichlorobenzene
 Concen: 48.29 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

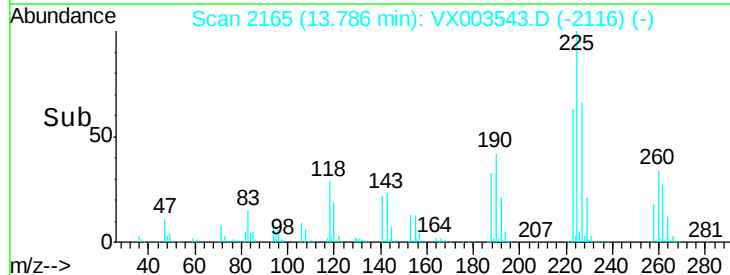
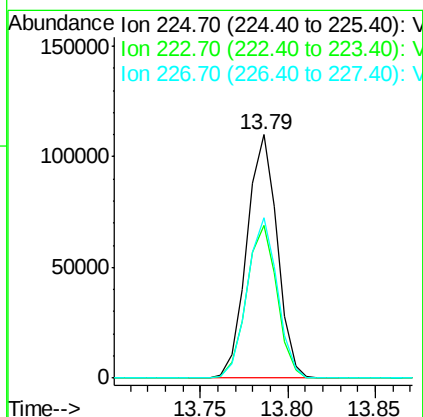
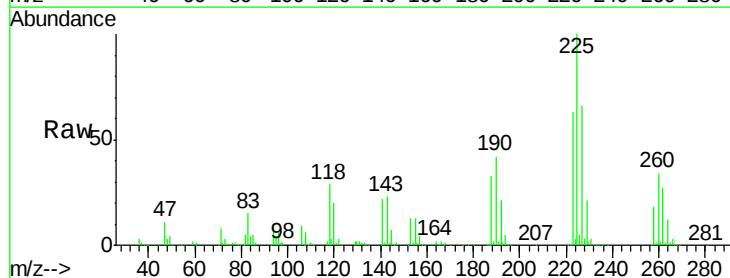
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

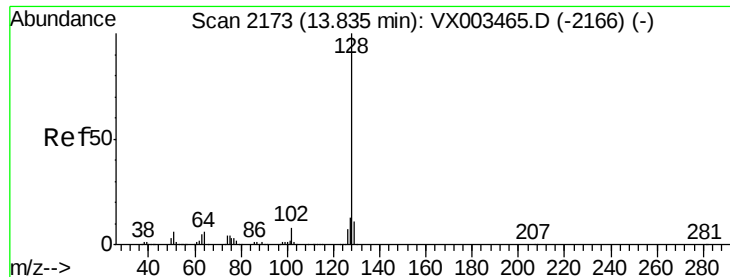
Tot Ion:180 Resp: 295140
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 45.20 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003543.D
 Acq: 21 Jul 2018 07:06

Tgt Ion:225 Resp: 132865
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 65.1 32.4 97.2





#95

Naphthalene

Concen: 53.35 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

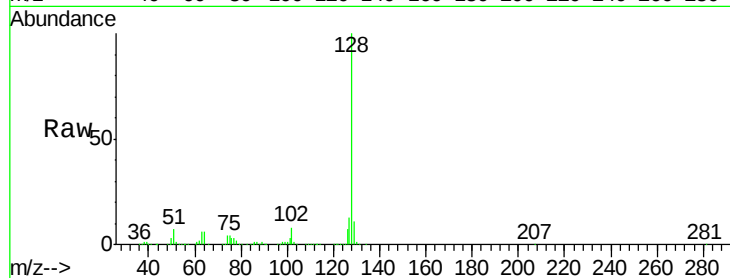
Tot Ion:128 Resp: 856929

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

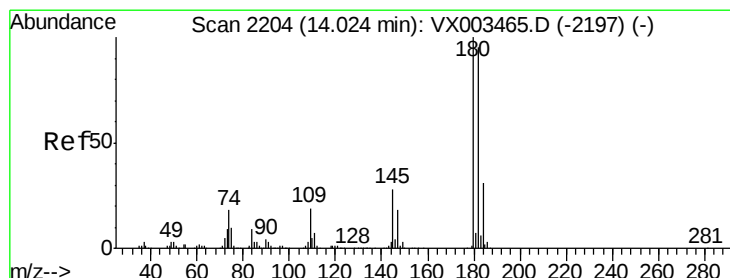
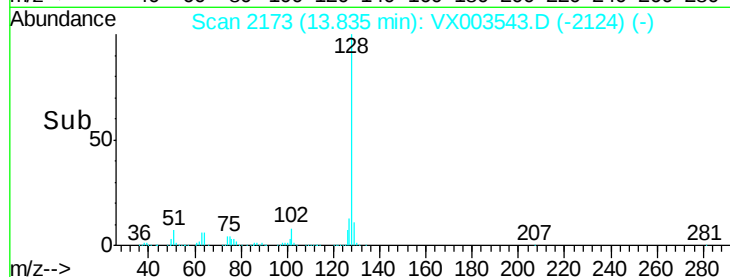
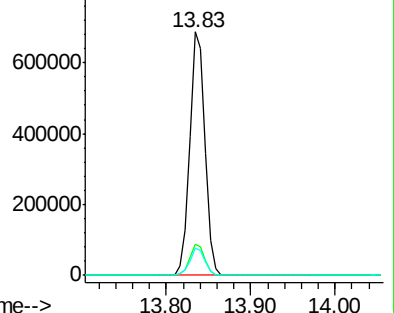
129 10.9 8.6 13.0



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: 49.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003543.D

Acq: 21 Jul 2018 07:06

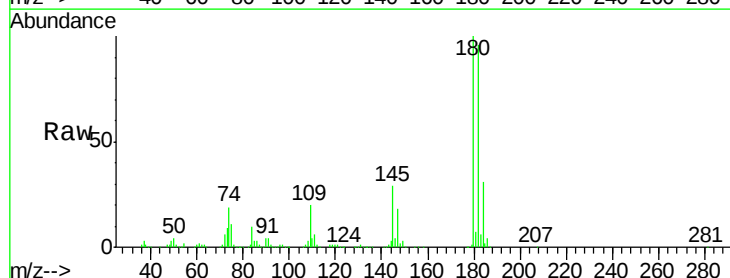
Tgt Ion:180 Resp: 302447

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.6 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

