

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002343.D
 Acq On : 06 Jun 2018 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 03:19:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169378	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	5.51	113	129434	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.72	98	502831	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	199523	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118226	49.32	ug/l	98
3) Chloromethane	1.32	50	137279	49.98	ug/l	100
4) Vinyl Chloride	1.41	62	146831	48.60	ug/l	100
5) Bromomethane	1.64	94	74614	43.19	ug/l	99
6) Chloroethane	1.72	64	100704	51.53	ug/l	97
7) Trichlorofluoromethane	1.93	101	245334	53.30	ug/l	99
8) Diethyl Ether	2.19	74	97366	60.00	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	141012	56.77	ug/l	99
10) Methyl Iodide	2.51	142	103899	29.74	ug/l	99
11) Tert butyl alcohol	3.06	59	155471	228.33	ug/l	98
12) 1,1-Dichloroethene	2.37	96	122989	50.10	ug/l	98
13) Acrolein	2.29	56	70390	213.56	ug/l	100
14) Allyl chloride	2.73	41	260369	48.87	ug/l	99
15) Acrylonitrile	3.15	53	392262	280.69	ug/l	100
16) Acetone	2.45	43	440355	315.53	ug/l	99
17) Carbon Disulfide	2.57	76	284594	43.99	ug/l	99
18) Methyl Acetate	2.78	43	185917	56.64	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	497821	58.65	ug/l	100
20) Methylene Chloride	2.86	84	150883	58.33	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135089	49.90	ug/l	99
22) Diisopropyl ether	3.87	45	531172	59.98	ug/l	97
23) Vinyl Acetate	3.82	43	2331624	269.98	ug/l	100
24) 1,1-Dichloroethane	3.70	63	273634	51.97	ug/l	99
25) 2-Butanone	4.70	43	524382	231.93	ug/l	100
26) 2,2-Dichloropropane	4.59	77	186736	45.37	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	140873	47.85	ug/l	93
28) Bromochloromethane	5.02	49	126306	56.89	ug/l	100
29) Tetrahydrofuran	5.16	42	321912	220.83	ug/l	98
30) Chloroform	5.22	83	247794	48.77	ug/l	98
31) Cyclohexane	5.58	56	206473	49.59	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	209136	48.54	ug/l	99
36) 1,1-Dichloropropene	5.80	75	174173	49.16	ug/l	99
37) Ethyl Acetate	4.86	43	202199	47.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	177924	48.01	ug/l	98

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Quant Time: Jun 07 03:19:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219491	50.15	ug/l	98
40) Benzene	6.15	78	540921	49.80	ug/l	100
41) Methacrylonitrile	5.06	41	116962	47.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	217802	50.47	ug/l	100
43) Isopropyl Acetate	6.46	43	348041	48.10	ug/l	99
44) Trichloroethene	7.21	130	151966	50.41	ug/l	94
45) 1,2-Dichloropropane	7.52	63	147563	50.32	ug/l	100
46) Dibromomethane	7.67	93	99438	50.02	ug/l	99
47) Bromodichloromethane	7.90	83	180719	50.26	ug/l	96
48) Methyl methacrylate	7.78	41	177905	48.94	ug/l	98
49) 1,4-Dioxane	7.76	88	59048	868.81	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1112751	246.92	ug/l	100
52) Toluene	8.79	92	359542	52.04	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	222817	51.68	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	208433	51.24	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	147362	51.86	ug/l	99
56) Ethyl methacrylate	9.18	69	231378	51.00	ug/l	99
57) 1,3-Dichloropropane	9.38	76	245739	51.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	541224	257.77	ug/l	100
59) 2-Hexanone	9.50	43	859829	247.02	ug/l	98
60) Dibromochloromethane	9.59	129	150519	52.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156991	52.99	ug/l	99
64) Tetrachloroethene	9.34	164	173573	49.97	ug/l	99
65) Chlorobenzene	10.14	112	418392	49.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	151940	50.07	ug/l	99
67) Ethyl Benzene	10.26	91	714105	50.91	ug/l	100
68) m/p-Xylenes	10.36	106	560840	102.87	ug/l	100
69) o-Xylene	10.70	106	273310	50.37	ug/l	99
70) Styrene	10.71	104	467107	52.66	ug/l	99
71) Bromoform	10.86	173	115203	42.91	ug/l	99
73) Isopropylbenzene	11.02	105	745329	47.64	ug/l	100
74) N-amyl acetate	6.46	43	348041	41.29	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218648	44.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	254643	51.60	ug/l	80
77) Bromobenzene	11.26	156	204112	46.47	ug/l	99
78) n-propylbenzene	11.37	91	853776	49.10	ug/l	100
79) 2-Chlorotoluene	11.43	91	508953	46.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	644534	48.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58563	41.60	ug/l	95
82) 4-Chlorotoluene	11.51	91	611738	48.27	ug/l	98
83) tert-Butylbenzene	11.77	119	620263	47.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	670511	48.54	ug/l	98
85) sec-Butylbenzene	11.95	105	764173	49.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	700691	50.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382651	48.73	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	391750	48.40	ug/l	99
89) n-Butylbenzene	12.39	91	614937	52.55	ug/l	100
90) Hexachloroethane	12.60	117	99867	44.84	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	389427	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48043	44.65	ug/l	99

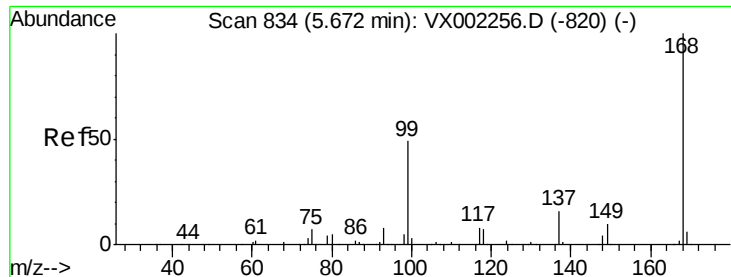
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	285798	50.16	ug/l	99
94) Hexachlorobutadiene	13.79	225	142722	50.69	ug/l	100
95) Naphthalene	13.84	128	795224	48.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295433	50.84	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

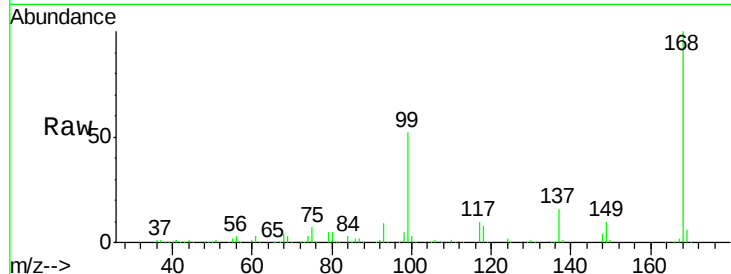
VSTDCCC050

Tot Ion:168 Resp: 230596

Ion Ratio Lower Upper

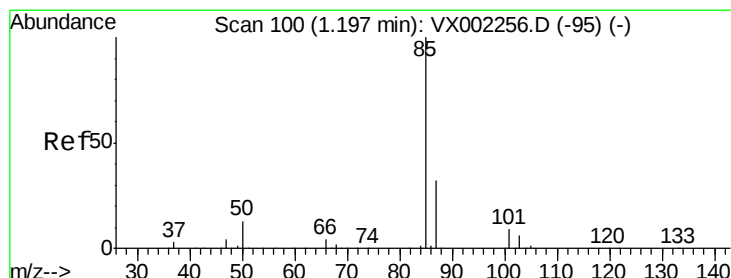
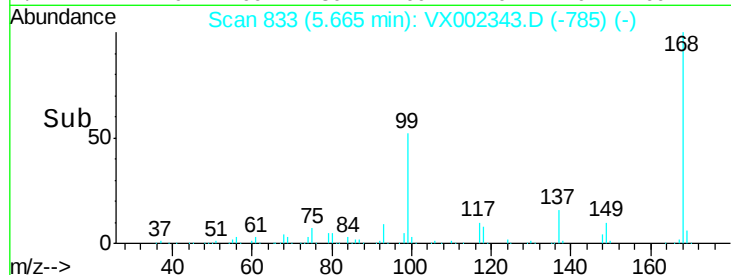
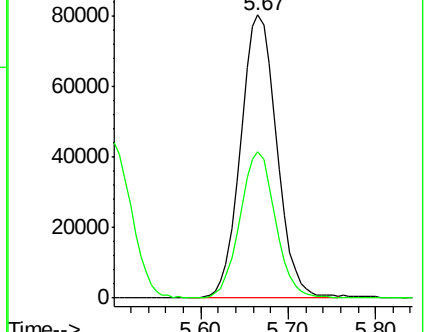
168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002343.D

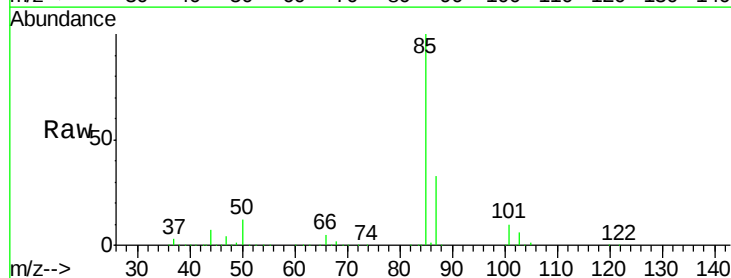
Acq: 06 Jun 2018 10:19

Tgt Ion: 85 Resp: 118226

Ion Ratio Lower Upper

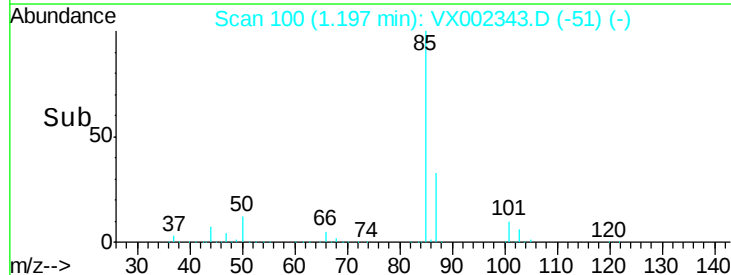
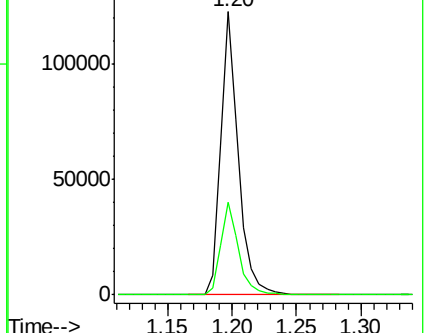
85 100

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





#3

Chloromethane

Concen: 49.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

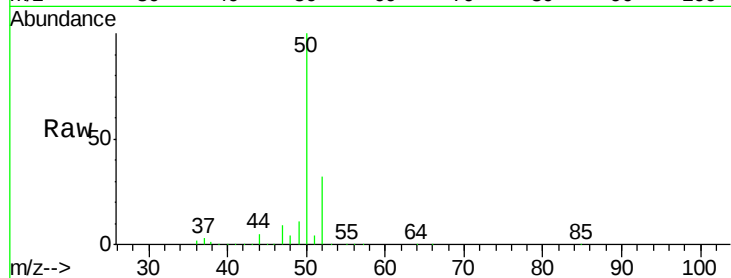
VSTDCCC050

Tot Ion: 50 Resp: 137279

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

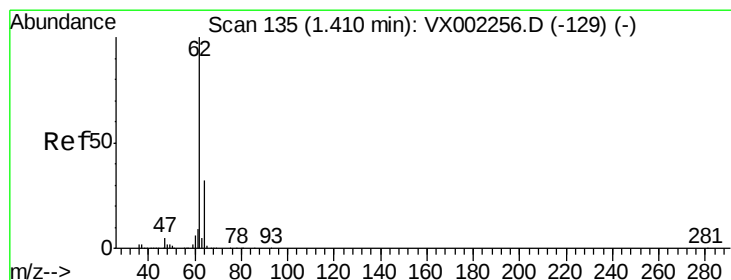
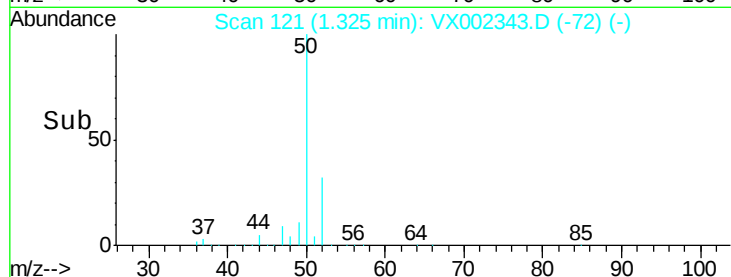
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.60 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002343.D

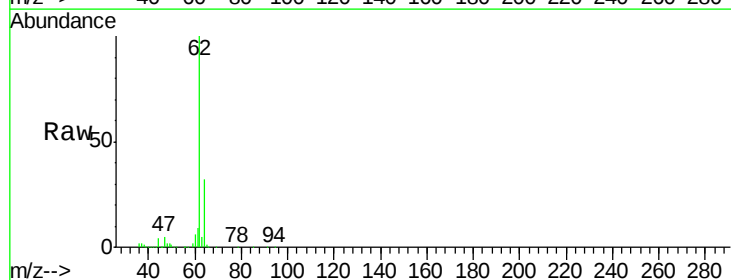
Acq: 06 Jun 2018 10:19

Tgt Ion: 62 Resp: 146831

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

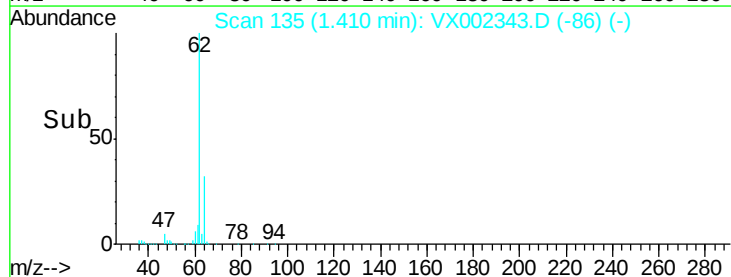
150000

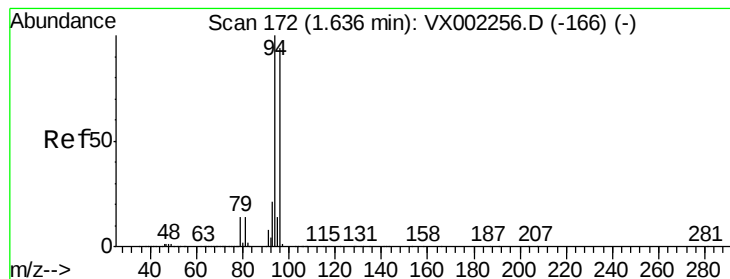
100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

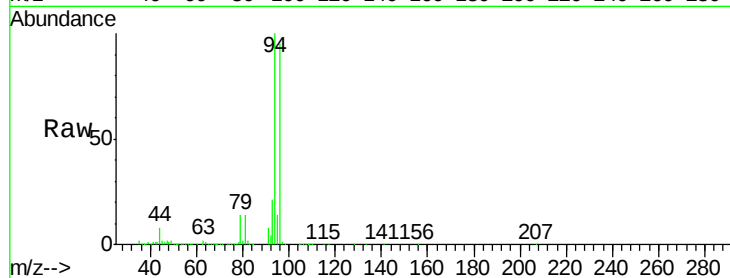
VSTDCCC050

Tot Ion: 94 Resp: 74614

Ion Ratio Lower Upper

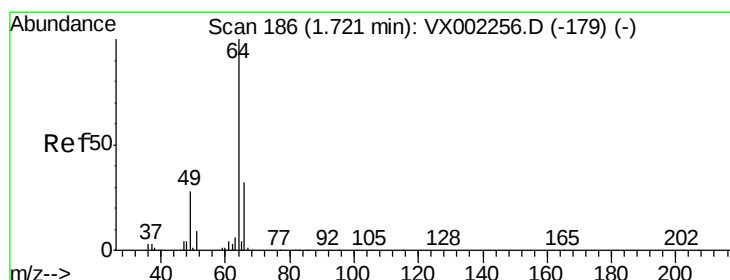
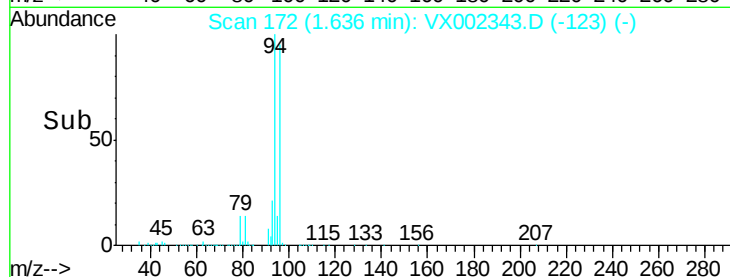
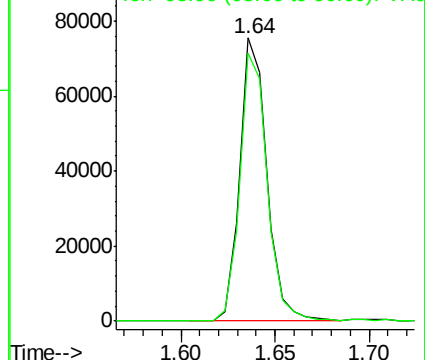
94 100

96 94.7 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: 51.53 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002343.D

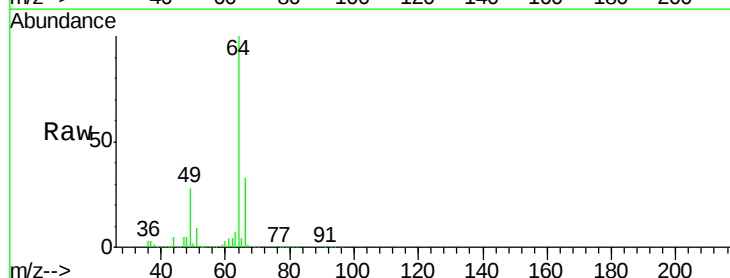
Acq: 06 Jun 2018 10:19

Tgt Ion: 64 Resp: 100704

Ion Ratio Lower Upper

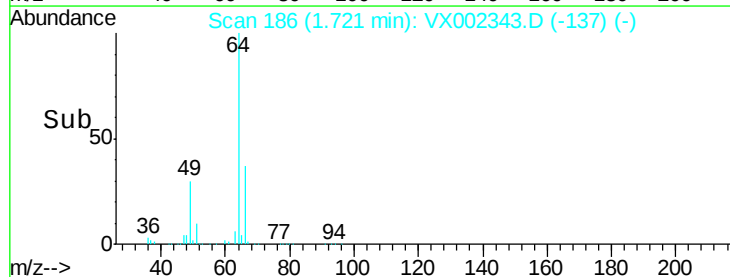
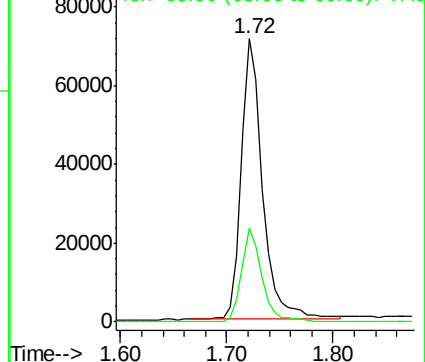
64 100

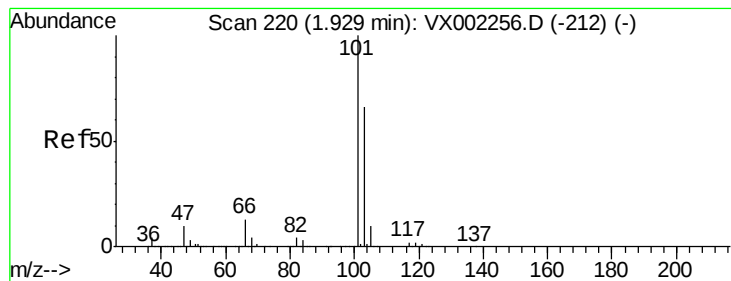
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



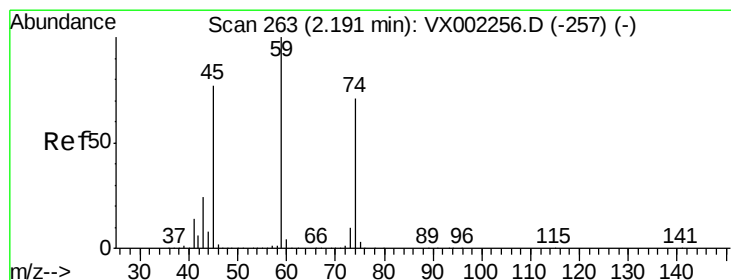
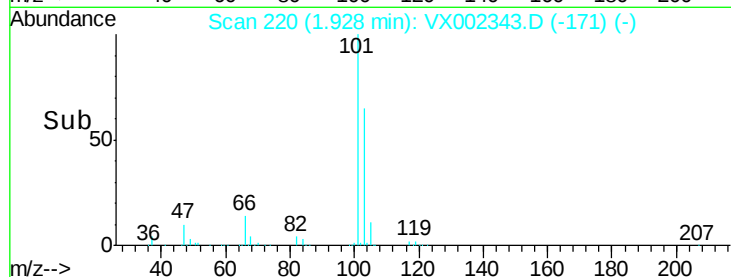
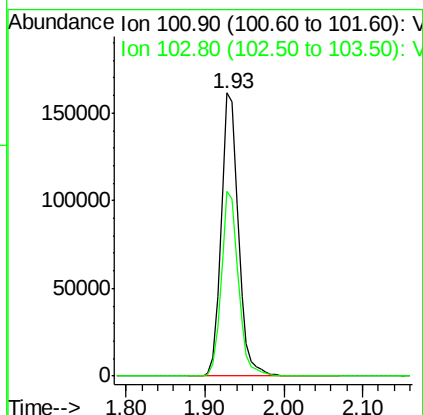
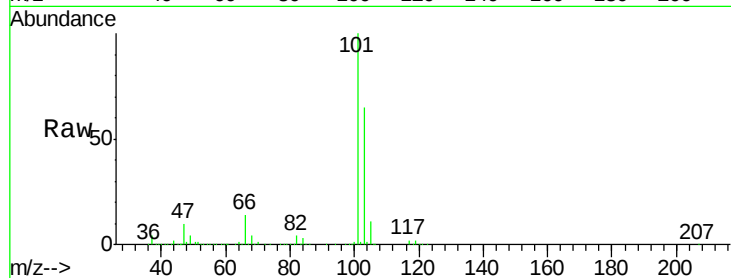


#7

Trichlorofluoromethane
 Concen: 53.30 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

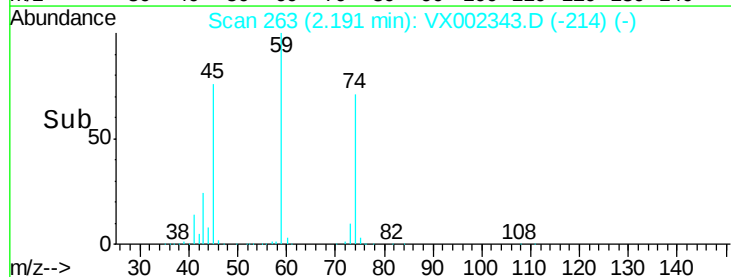
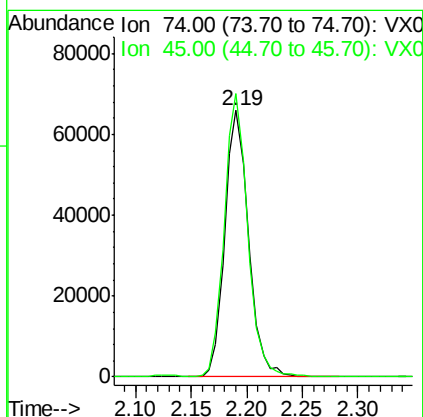
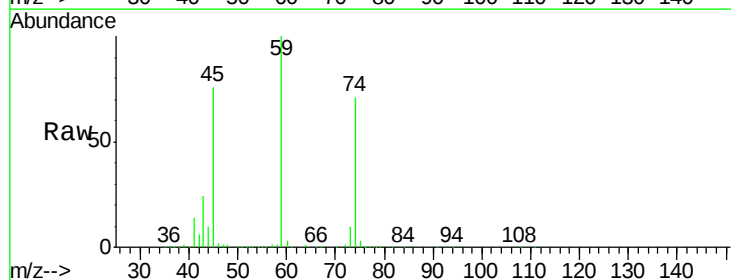
Tot Ion:101 Resp: 245334
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2

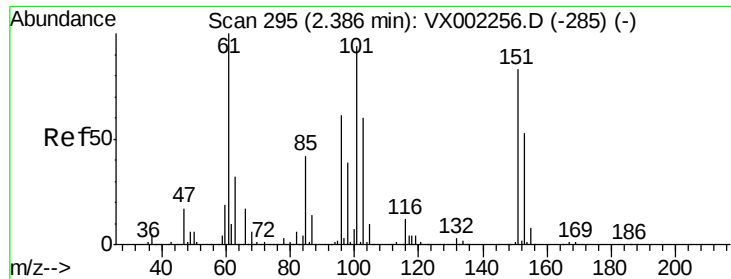


#8

Diethyl Ether
 Concen: 60.00 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Tgt Ion: 74 Resp: 97366
 Ion Ratio Lower Upper
 74 100
 45 104.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.77 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

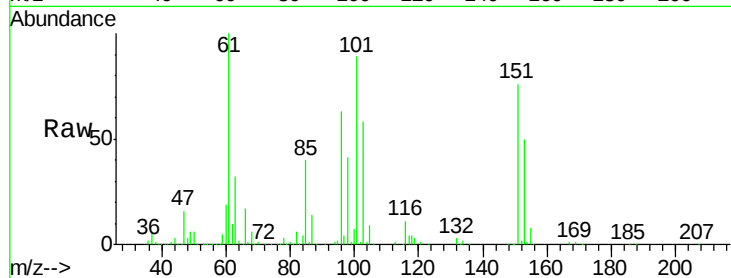
Tot Ion:101 Resp: 141012

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

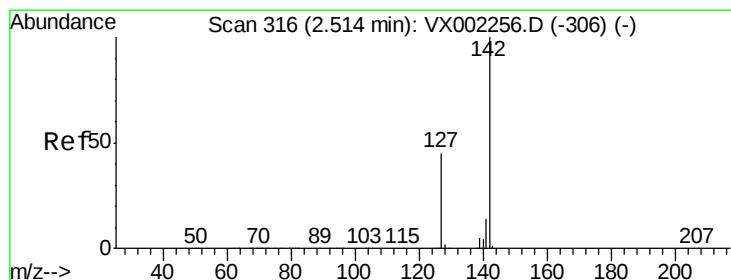
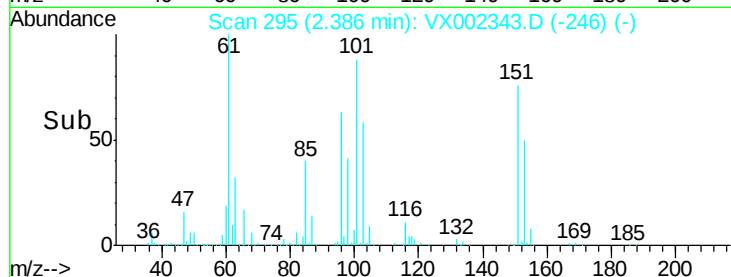
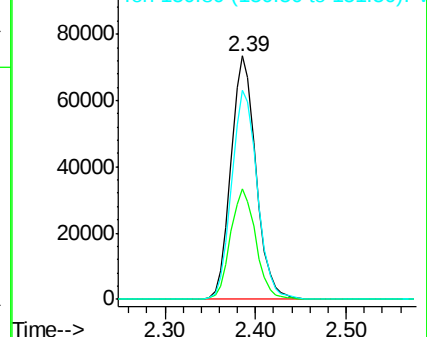
151 87.8 70.9 106.3



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: 29.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

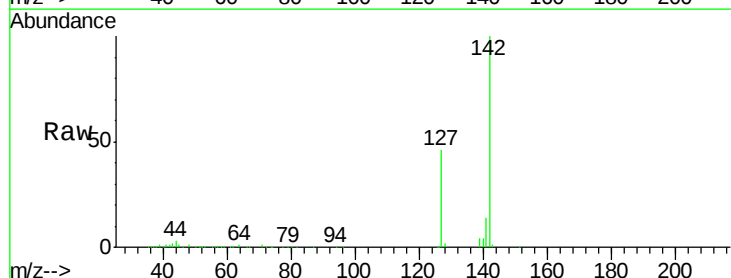
Tgt Ion:142 Resp: 103899

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

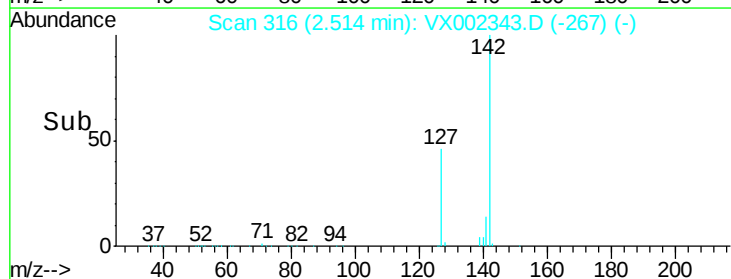
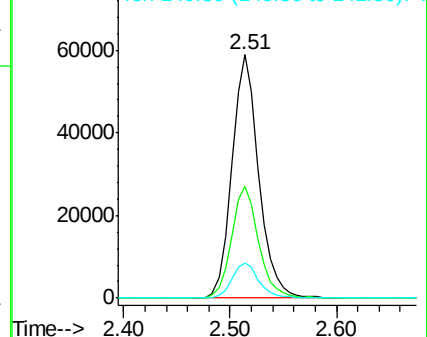
141 14.7 11.3 16.9

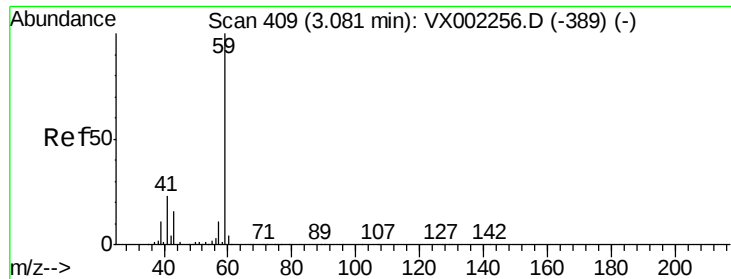


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



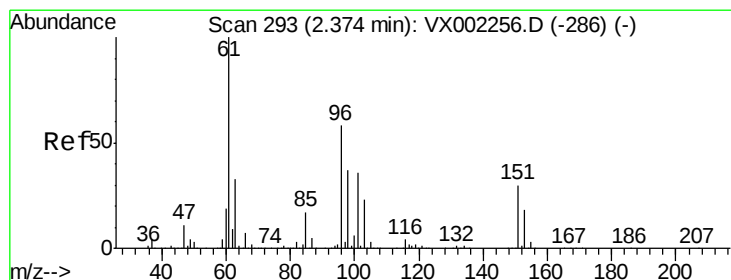
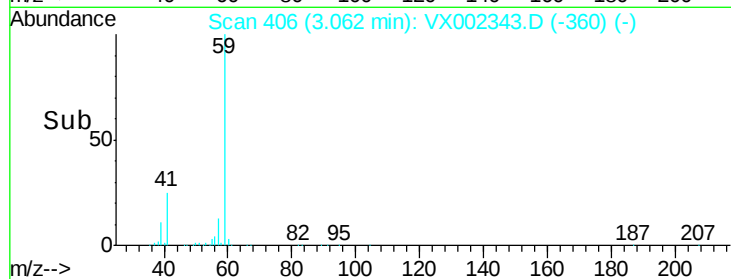
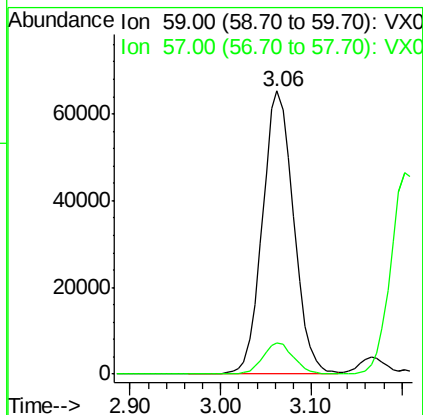
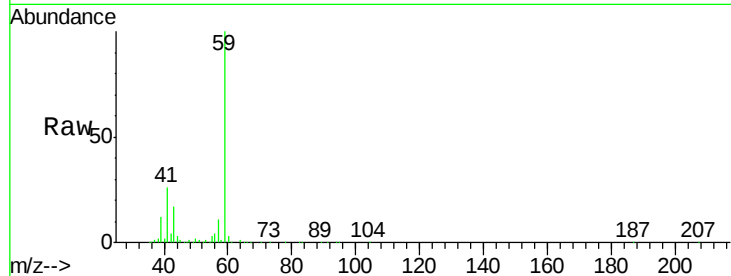


#11

Tert butyl alcohol
 Concen: 228.33 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

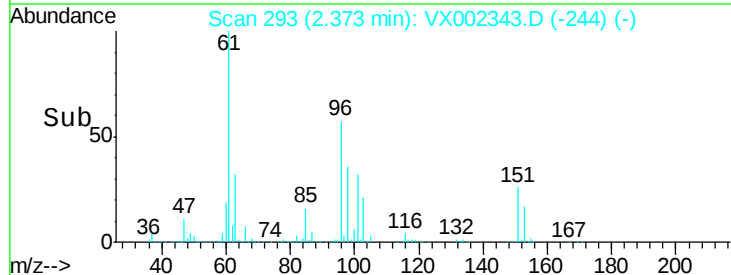
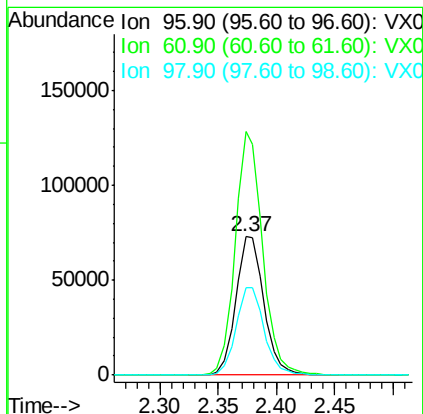
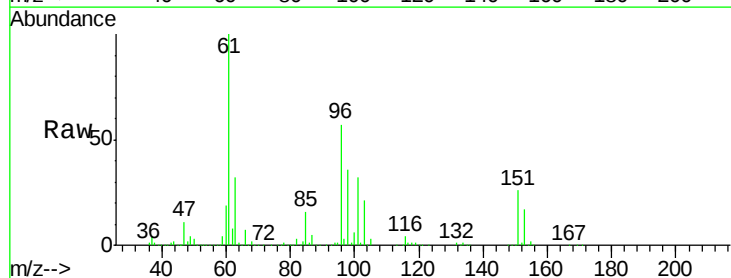
Tot Ion: 59 Resp: 155471
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

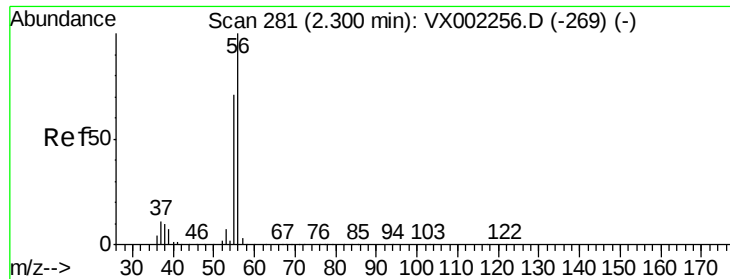


#12

1,1-Dichloroethene
 Concen: 50.10 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Tgt Ion: 96 Resp: 122989
 Ion Ratio Lower Upper
 96 100
 61 176.2 137.9 206.9
 98 63.5 51.6 77.4





#13

Acrolein

Concen: 213.56 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

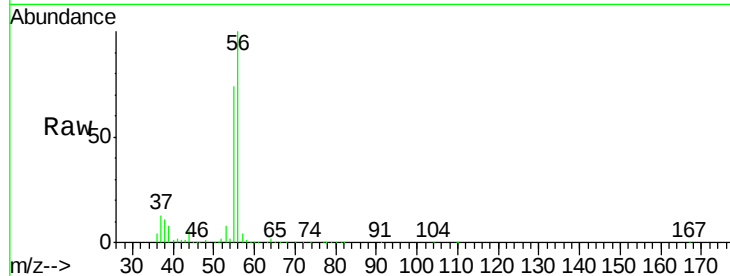
VSTDCCC050

Tot Ion: 56 Resp: 70390

Ion Ratio Lower Upper

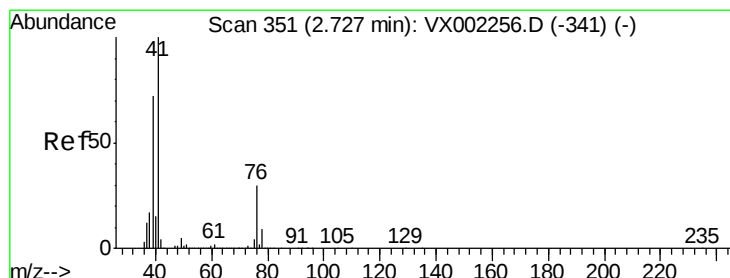
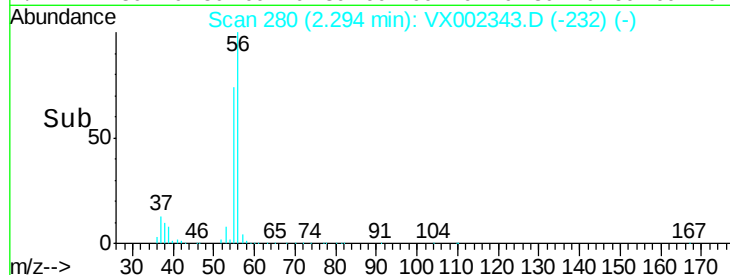
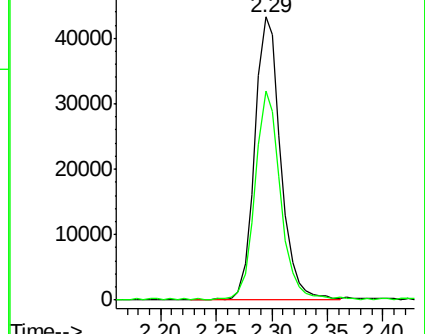
56 100

55 71.5 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.87 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

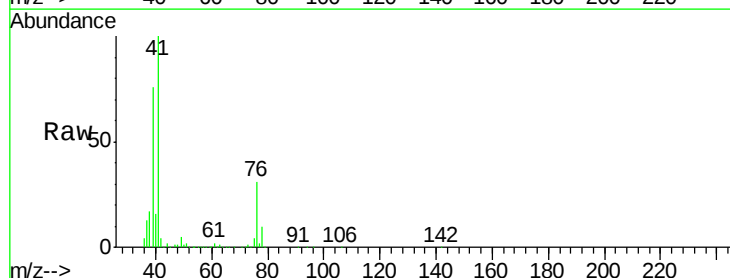
Tgt Ion: 41 Resp: 260369

Ion Ratio Lower Upper

41 100

39 72.0 56.8 85.2

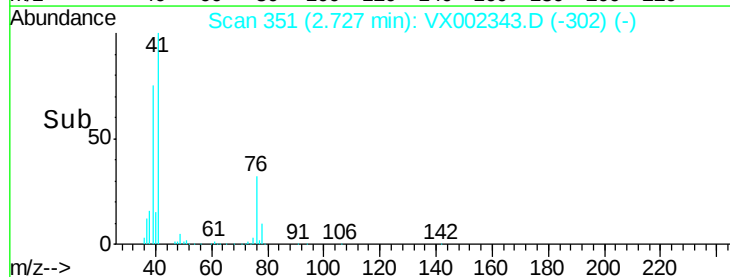
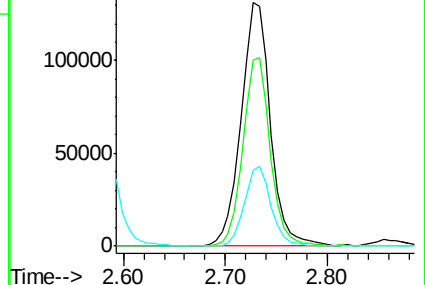
76 29.6 23.8 35.8

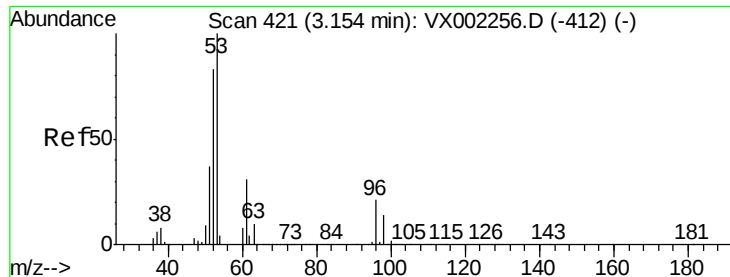


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 280.69 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

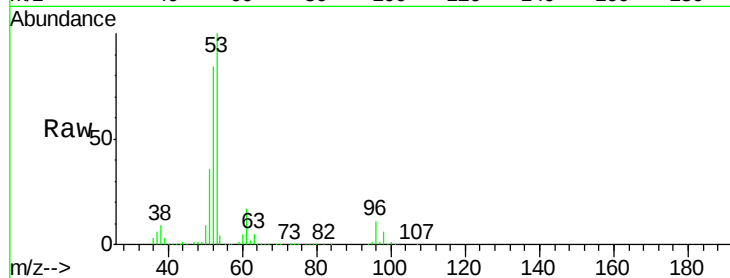
Tot Ion: 53 Resp: 392262

Ion Ratio Lower Upper

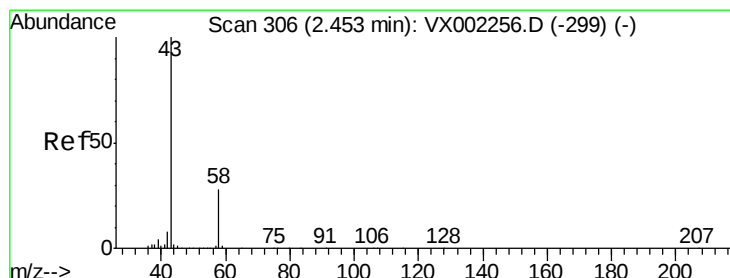
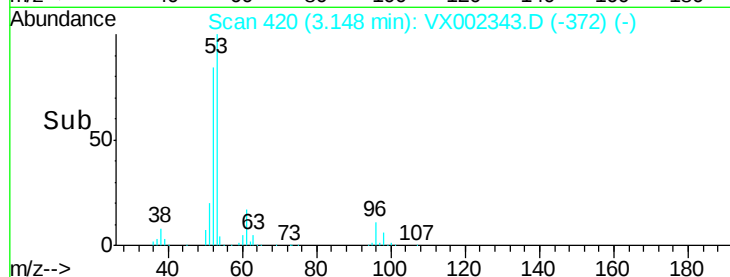
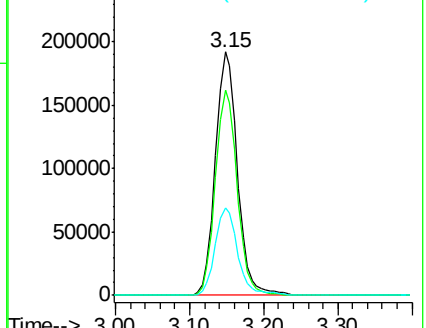
53 100

52 83.6 66.7 100.1

51 37.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 315.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002343.D

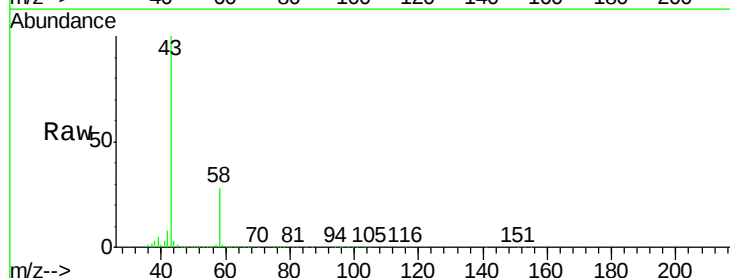
Acq: 06 Jun 2018 10:19

Tgt Ion: 43 Resp: 440355

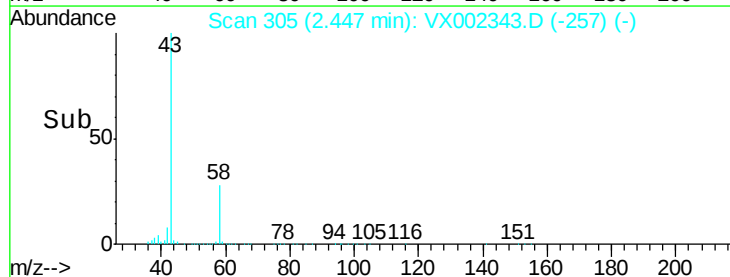
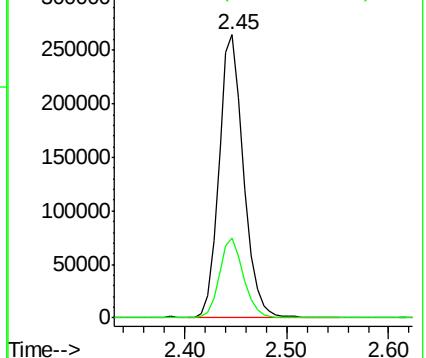
Ion Ratio Lower Upper

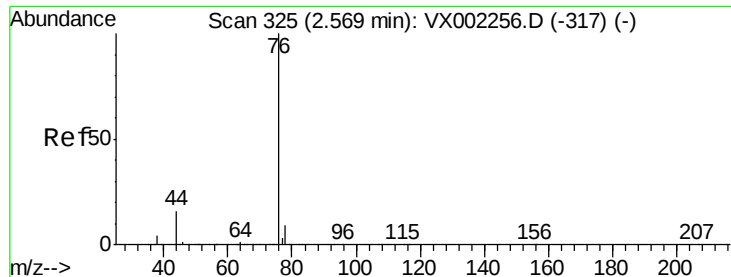
43 100

58 28.1 22.1 33.1



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

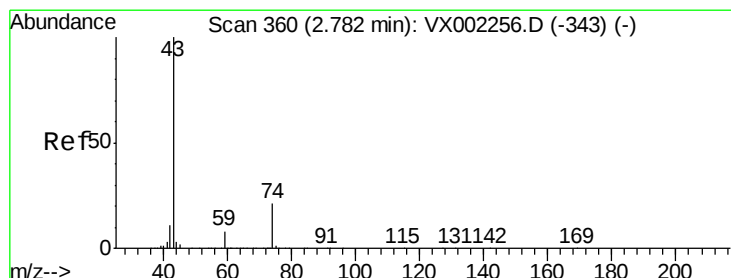
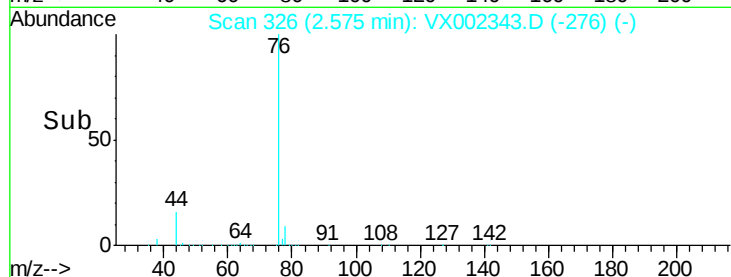
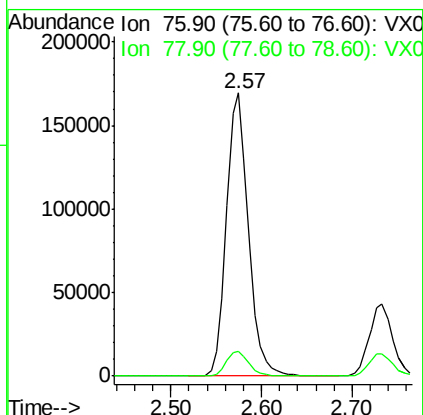
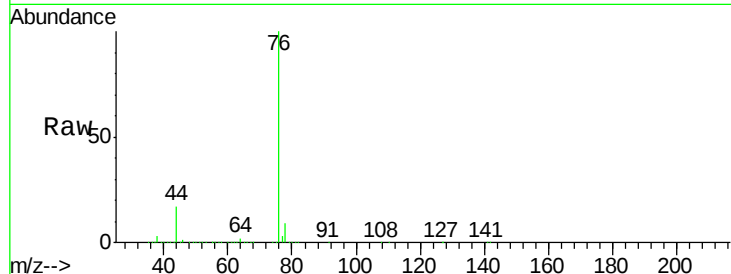




#17
Carbon Disulfide
Concen: 43.99 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

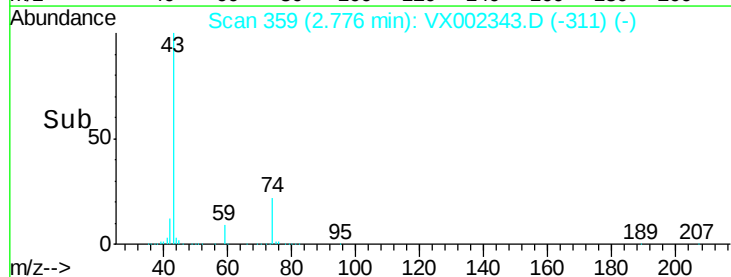
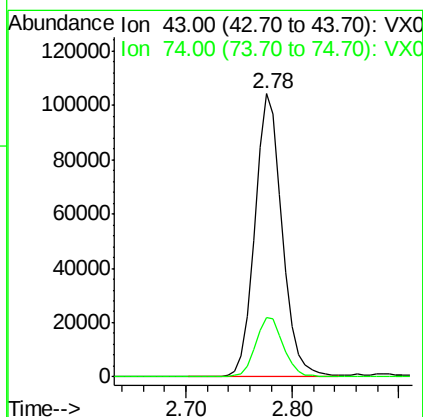
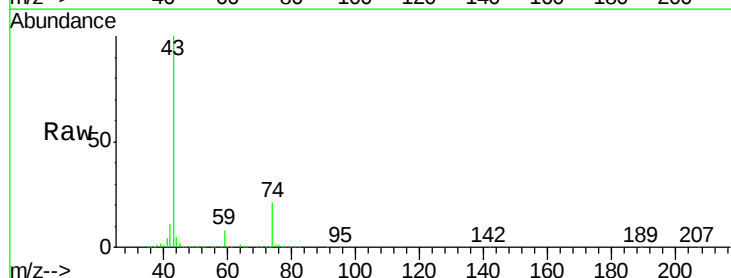
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

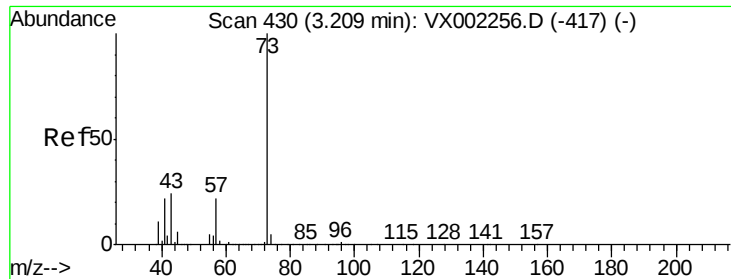
Tot Ion: 76 Resp: 284594
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 56.64 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 43 Resp: 185917
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1

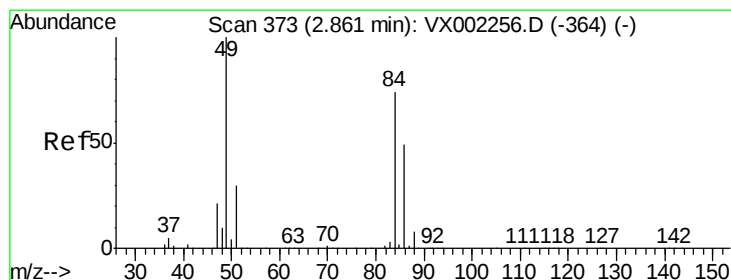
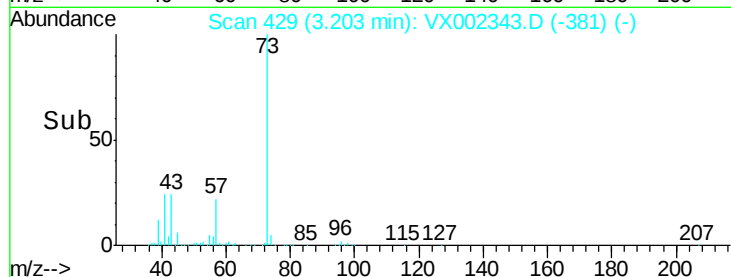
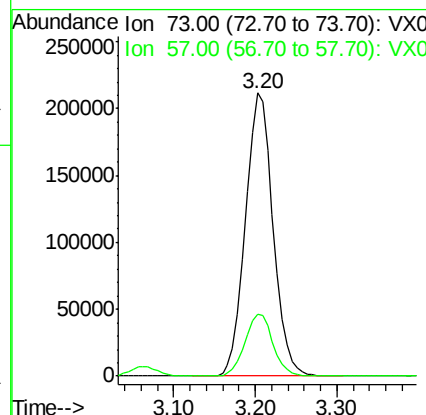
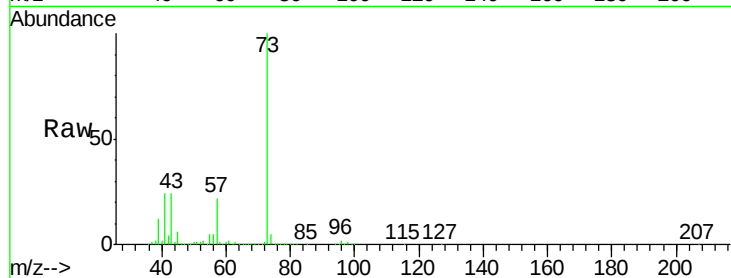




#19
Methyl tert-butyl Ether
Concen: 58.65 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

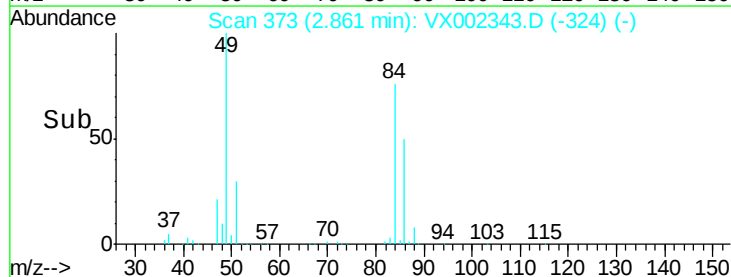
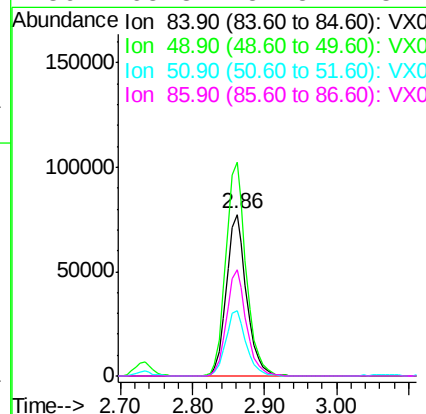
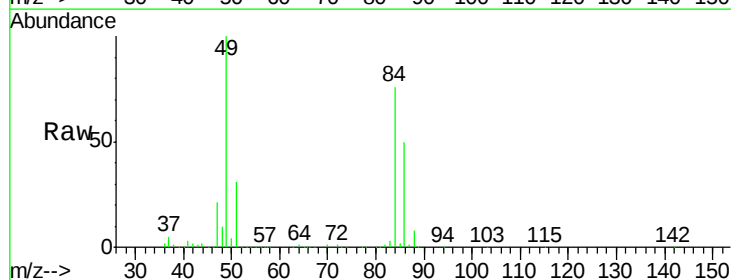
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

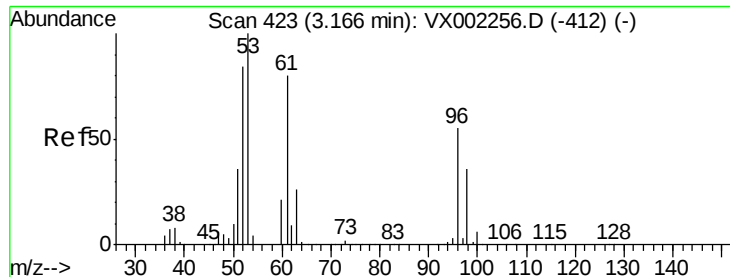
Tot Ion: 73 Resp: 497821
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 58.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 84 Resp: 150883
Ion Ratio Lower Upper
84 100
49 132.0 107.8 161.6
51 40.3 32.8 49.2
86 65.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.90 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

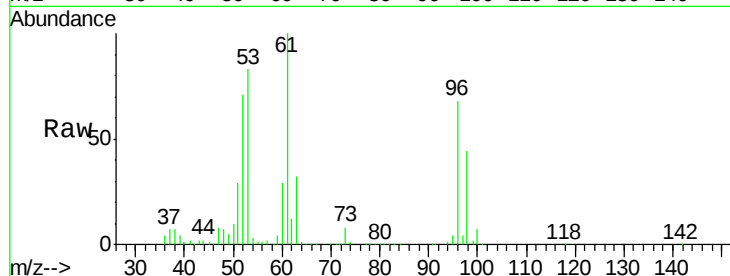
Tot Ion: 96 Resp: 135089

Ion Ratio Lower Upper

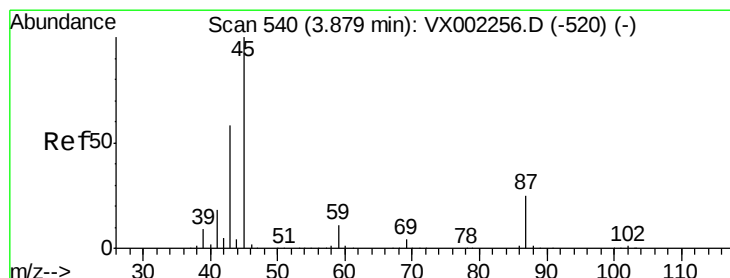
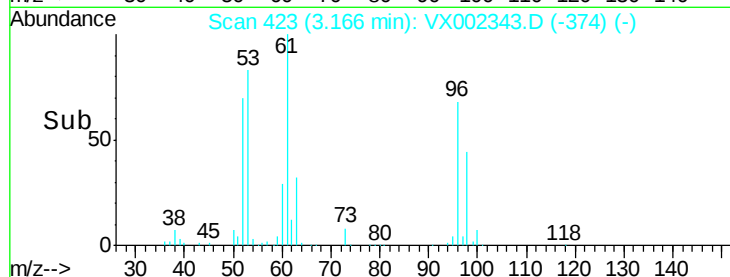
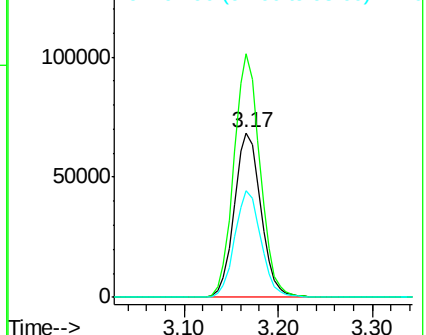
96 100

61 147.7 117.0 175.4

98 64.6 52.4 78.6



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



#22

Diisopropyl ether

Concen: 59.98 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Tgt Ion: 45 Resp: 531172

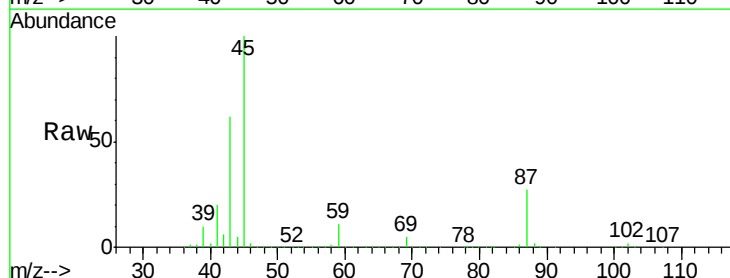
Ion Ratio Lower Upper

45 100

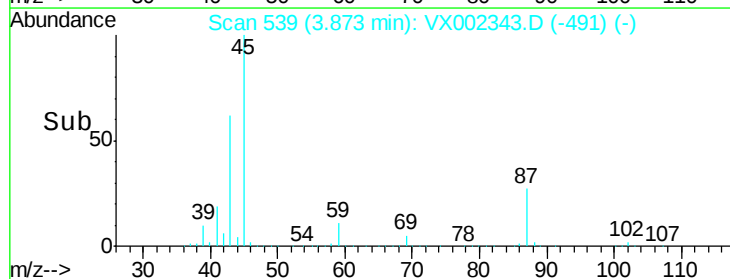
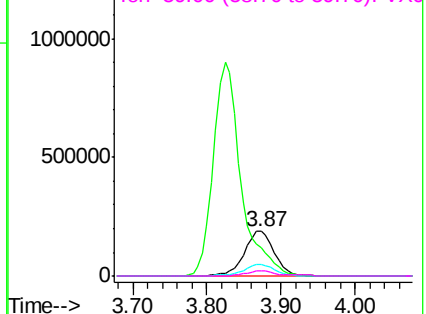
43 61.7 46.8 70.2

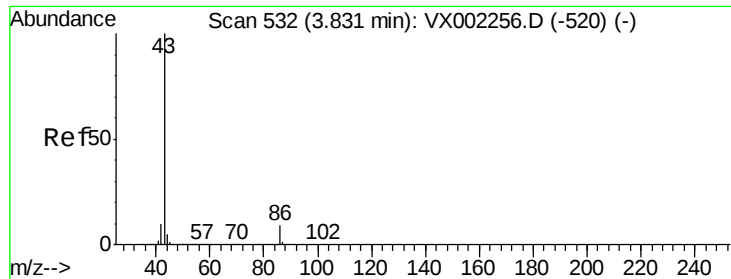
87 26.7 20.2 30.4

59 10.9 8.7 13.1



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





#23

Vinyl Acetate

Concen: 269.98 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

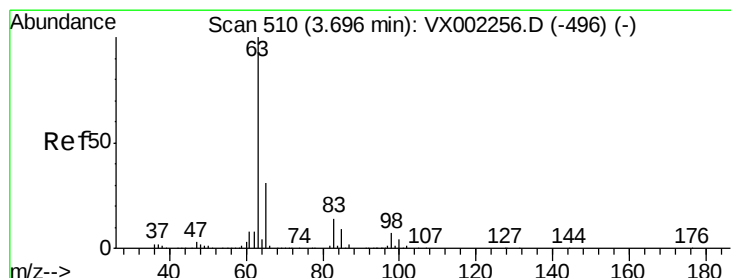
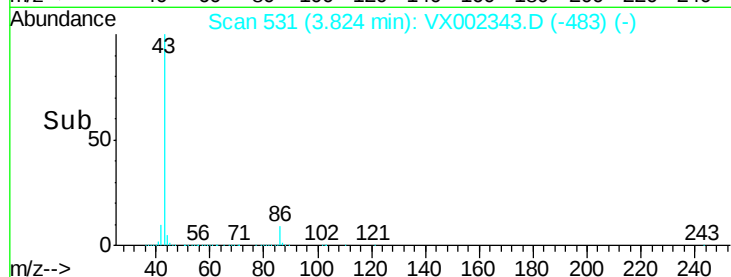
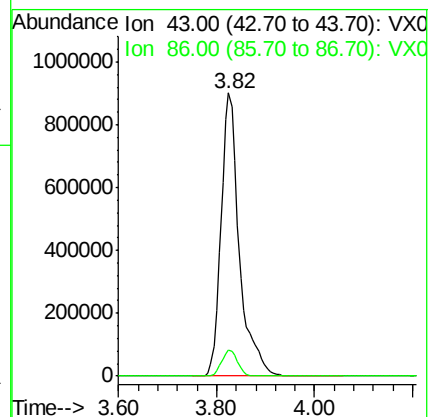
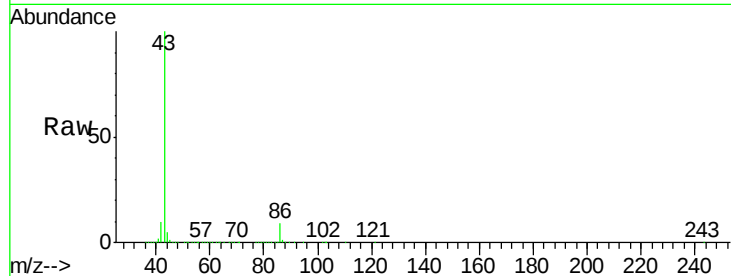
VSTDCCC050

Tot Ion: 43 Resp: 2331624

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



#24

1,1-Dichloroethane

Concen: 51.97 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

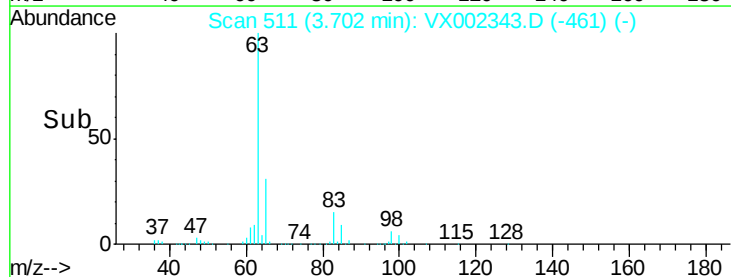
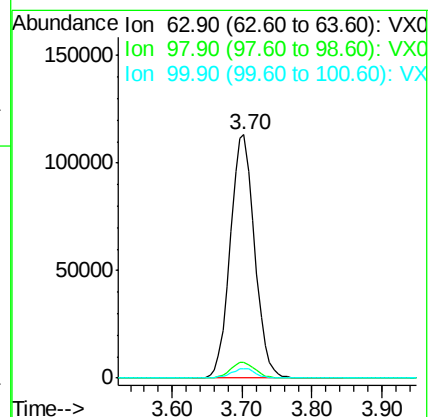
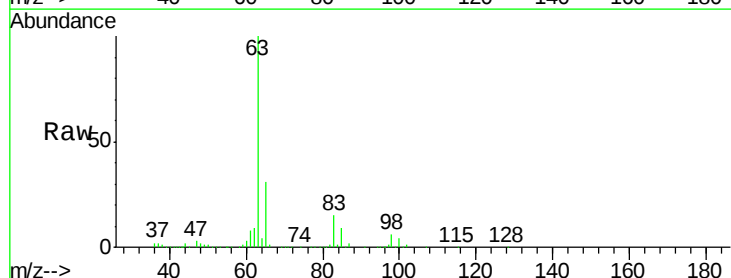
Tgt Ion: 63 Resp: 273634

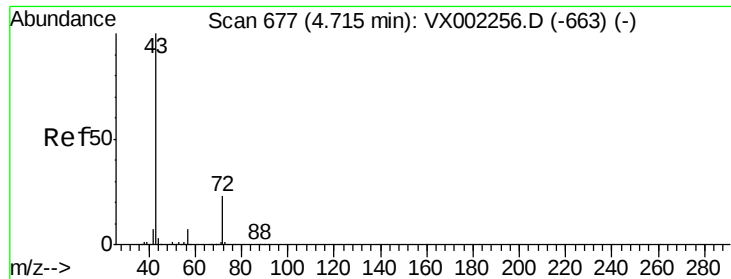
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 231.93 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

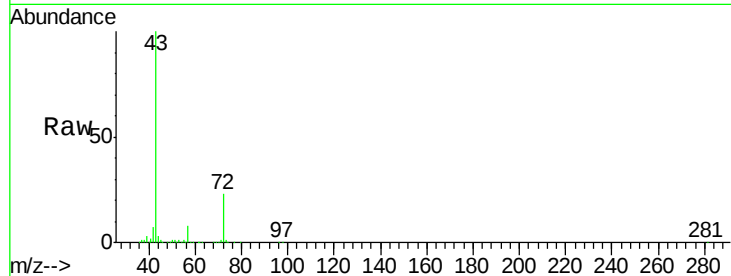
VSTDCCC050

Tot Ion: 43 Resp: 524382

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

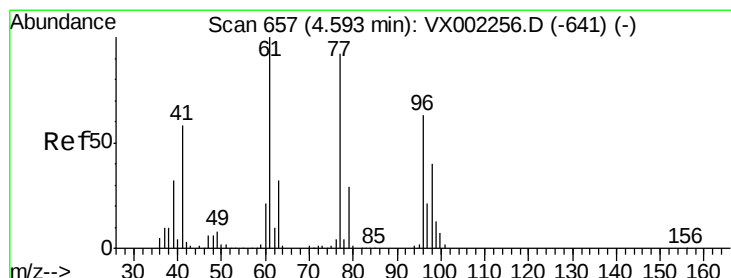
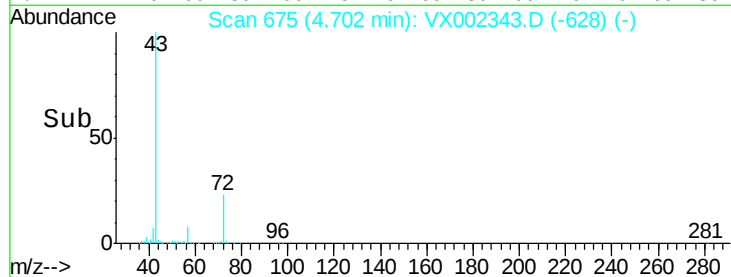
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.37 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002343.D

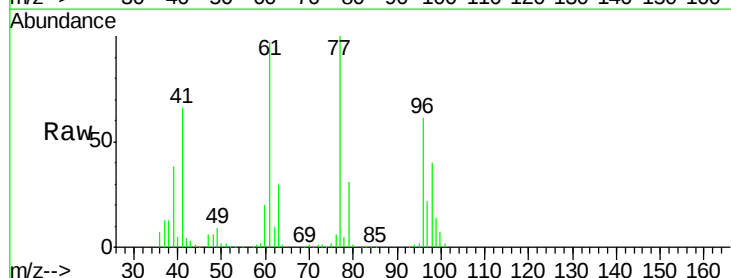
Acq: 06 Jun 2018 10:19

Tgt Ion: 77 Resp: 186736

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

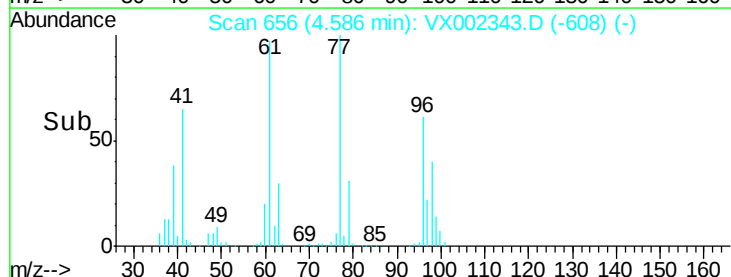
4.40

4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

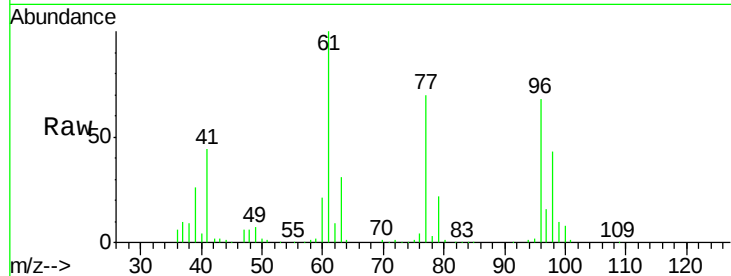
Tot Ion: 96 Resp: 140873

Ion Ratio Lower Upper

96 100

61 153.4 0.0 330.2

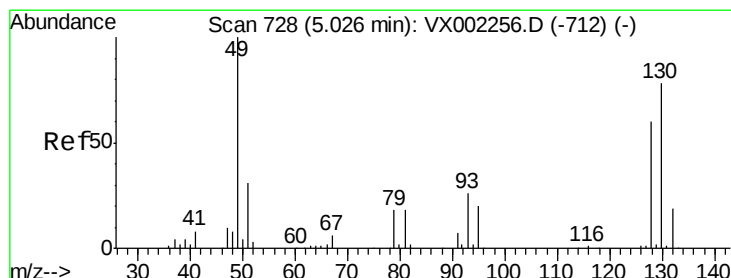
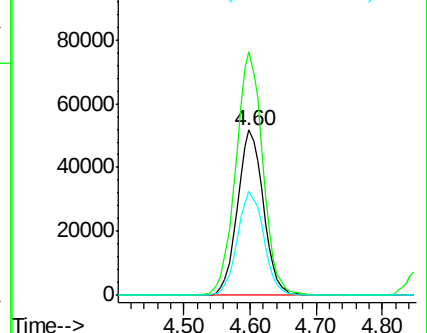
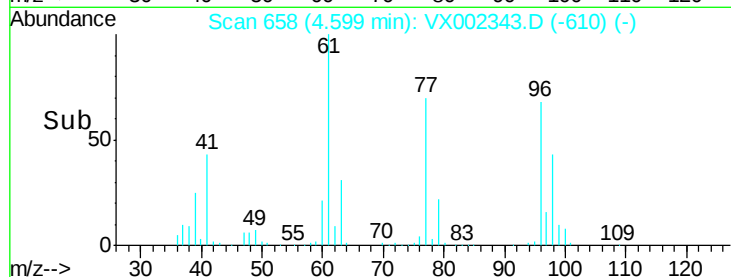
98 63.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 56.89 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

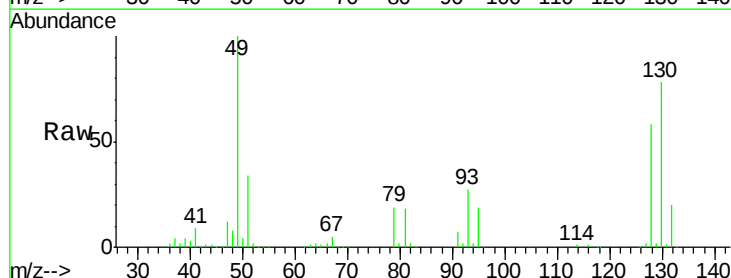
Tgt Ion: 49 Resp: 126306

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

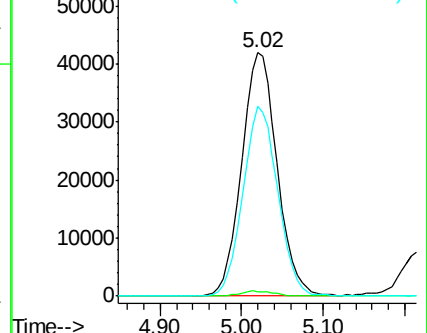
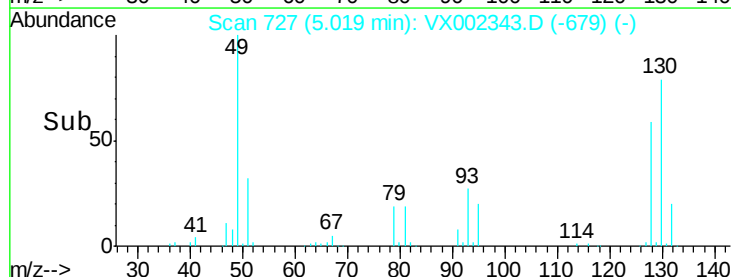
130 76.9 61.2 91.8

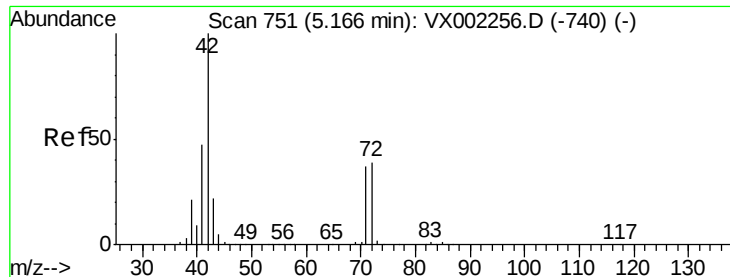


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 220.83 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

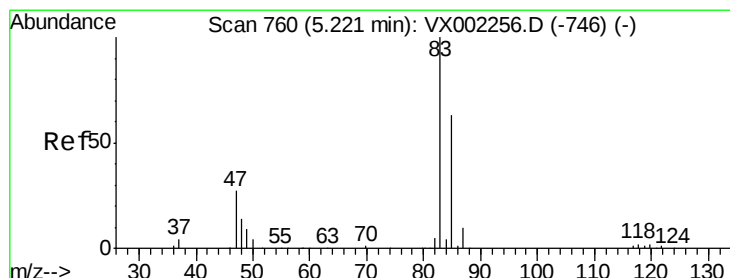
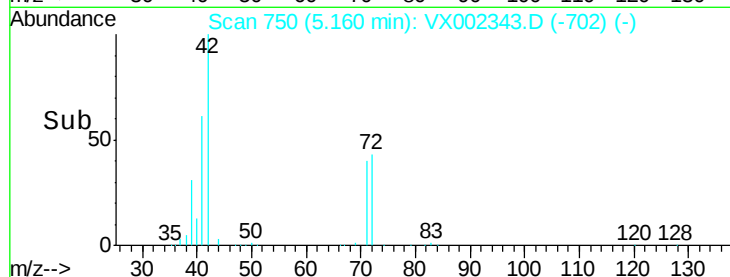
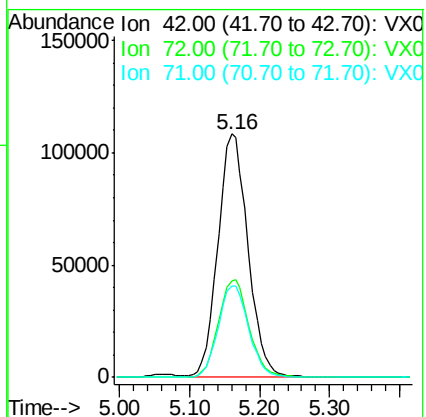
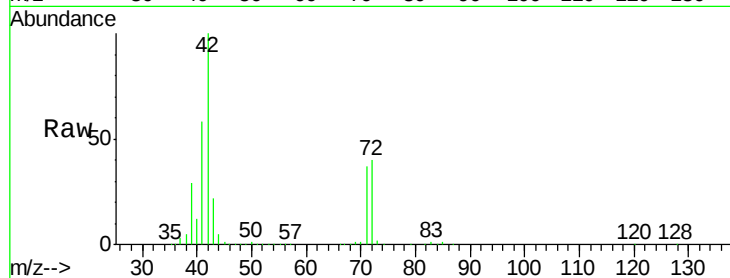
Tot Ion: 42 Resp: 321912

Ion Ratio Lower Upper

42 100

72 41.2 32.0 48.0

71 38.3 30.1 45.1



#30

Chloroform

Concen: 48.77 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002343.D

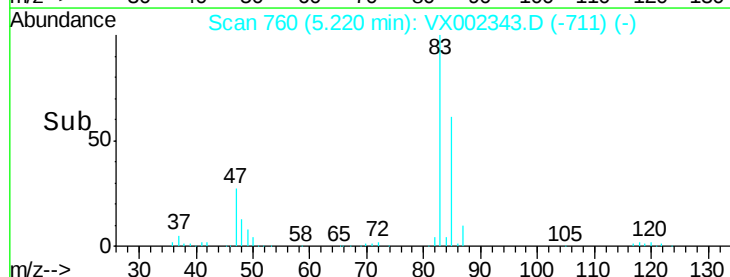
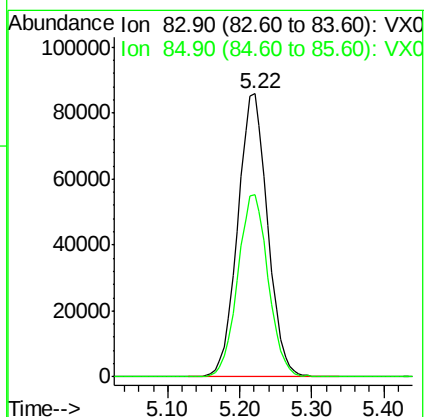
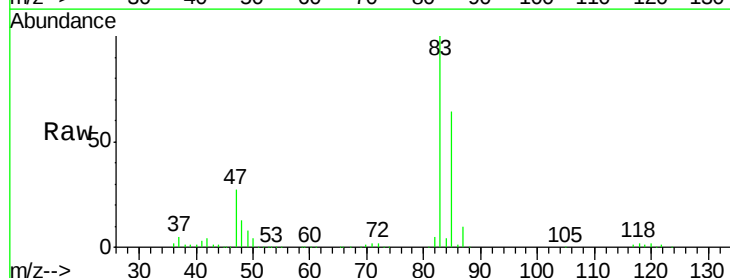
Acq: 06 Jun 2018 10:19

Tgt Ion: 83 Resp: 247794

Ion Ratio Lower Upper

83 100

85 64.2 50.4 75.6





#31

Cyclohexane

Concen: 49.59 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

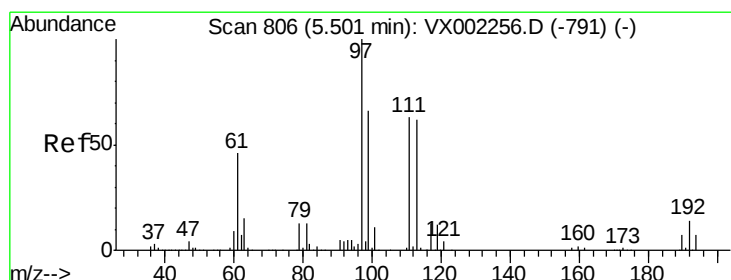
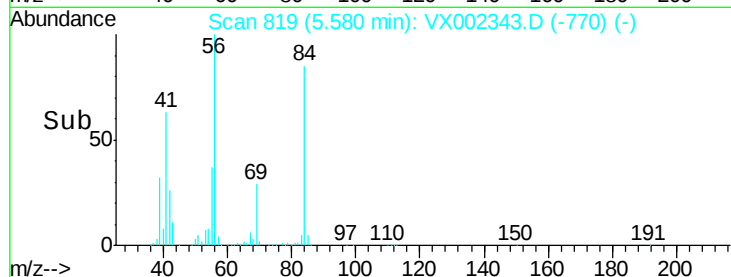
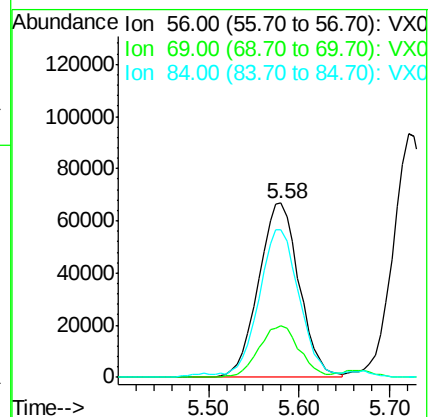
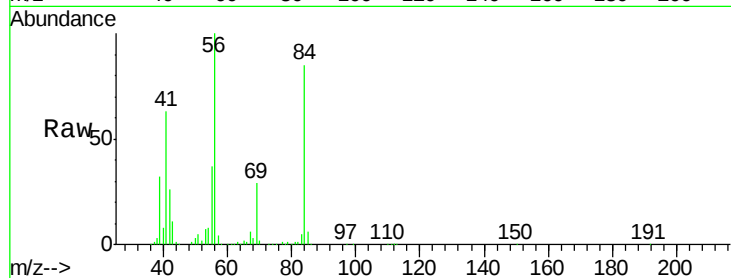
Tot Ion: 56 Resp: 206473

Ion Ratio Lower Upper

56 100

69 29.4 23.7 35.5

84 83.6 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 48.54 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

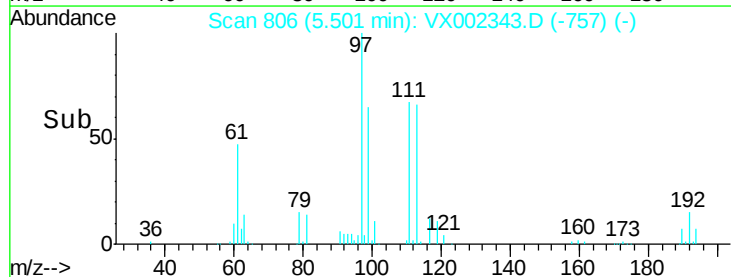
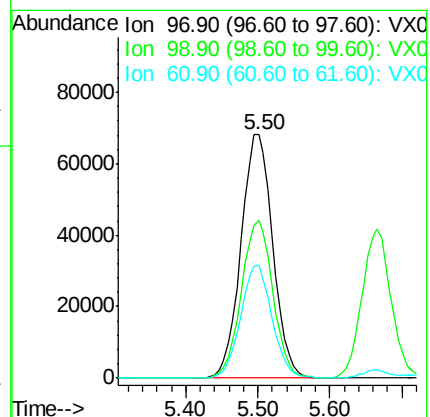
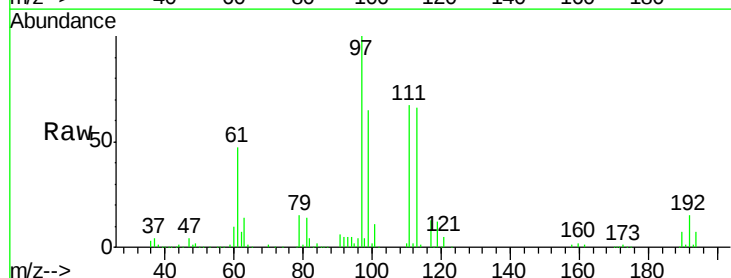
Tgt Ion: 97 Resp: 209136

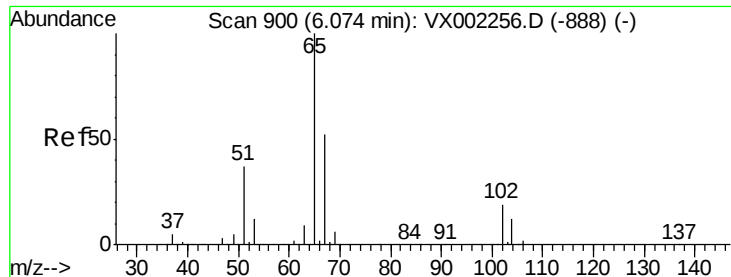
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 45.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.47 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

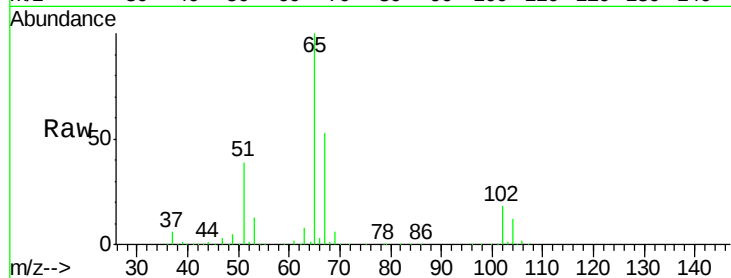
VSTDCCC050

Tot Ion: 65 Resp: 169378

Ion Ratio Lower Upper

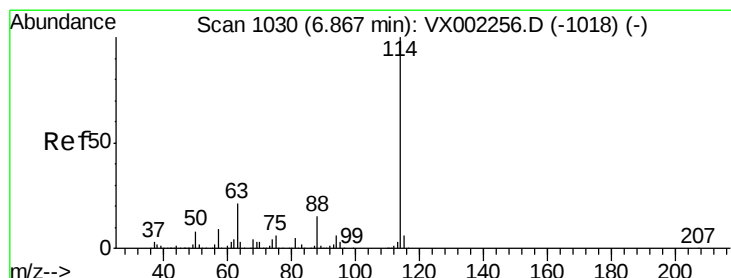
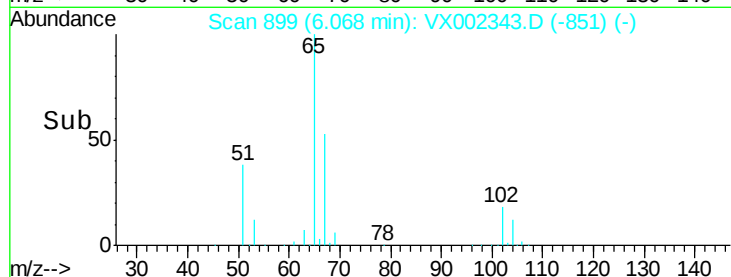
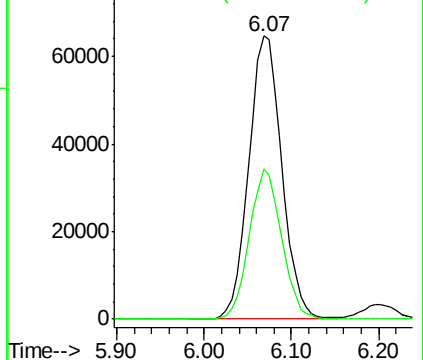
65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

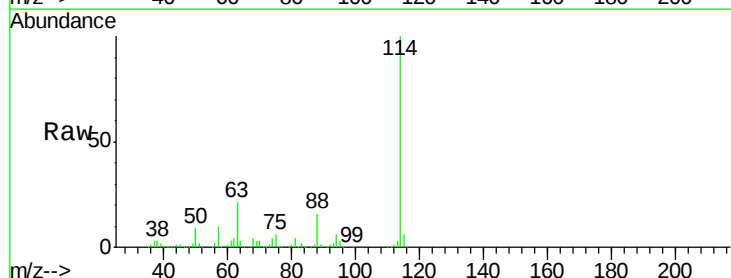
Tgt Ion: 114 Resp: 336984

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

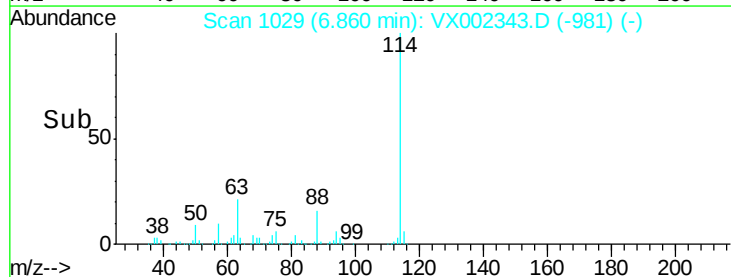
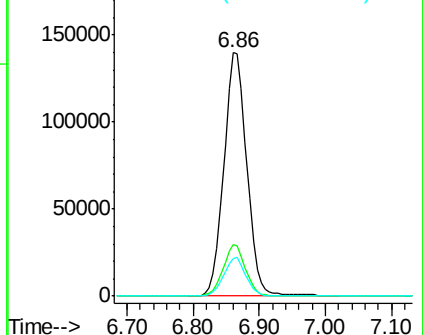
88 15.6 0.0 30.0

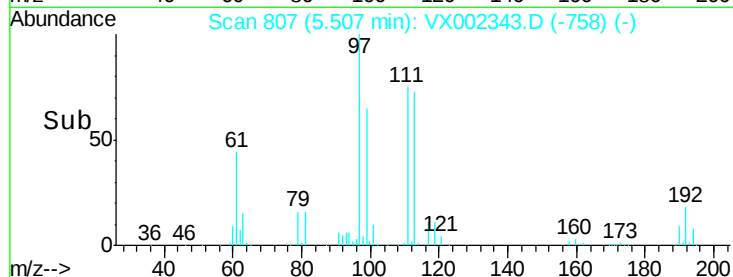
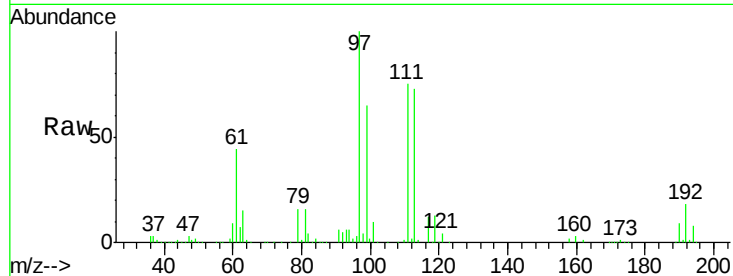
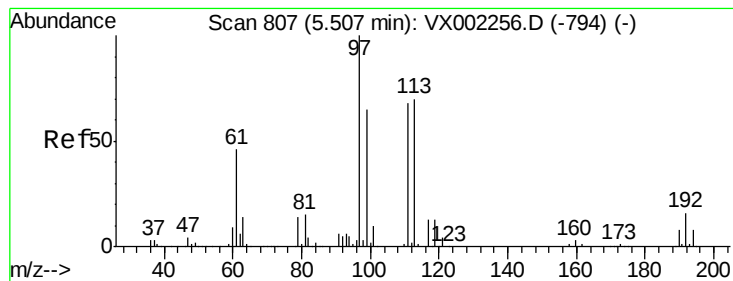


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.84 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

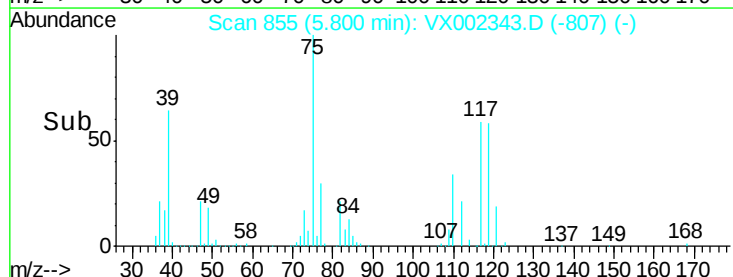
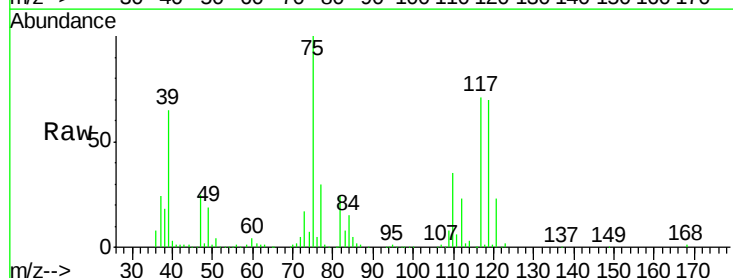
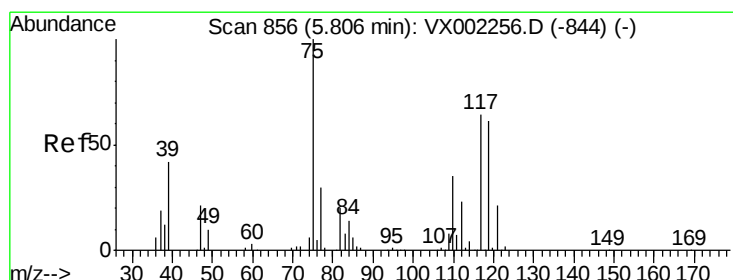
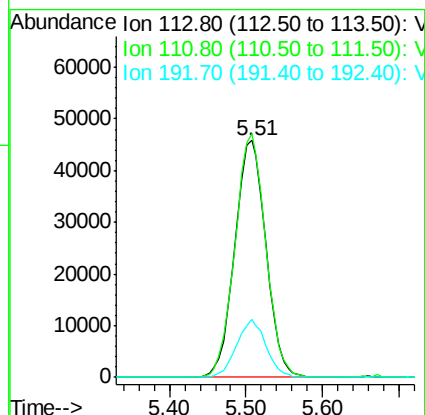
Tot Ion:113 Resp: 129434

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 23.1 19.1 28.7



#36

1,1-Dichloropropene

Concen: 49.16 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

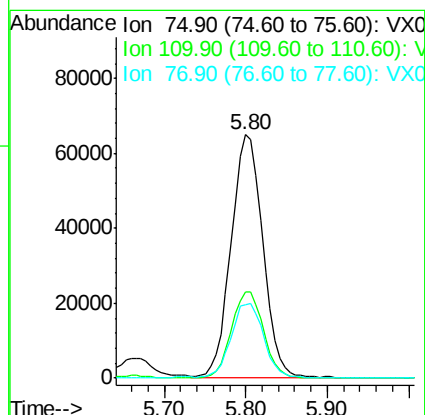
Tgt Ion: 75 Resp: 174173

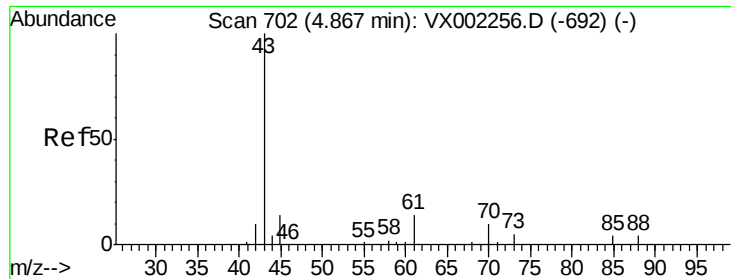
Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

77 31.4 24.3 36.5

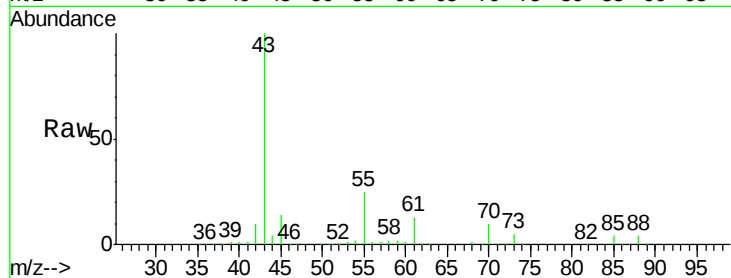




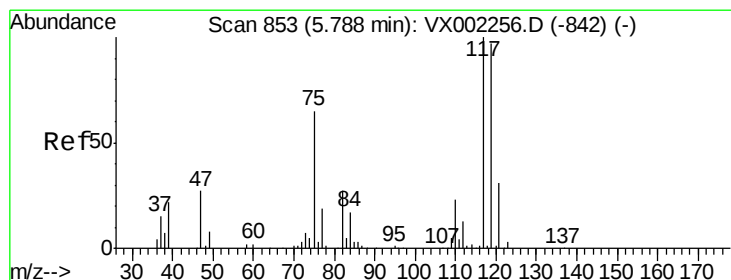
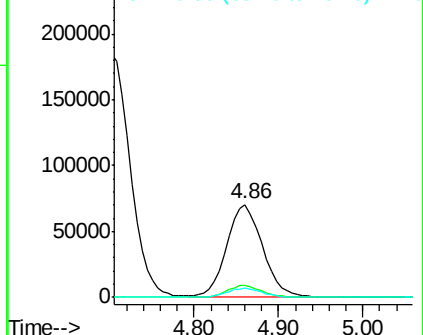
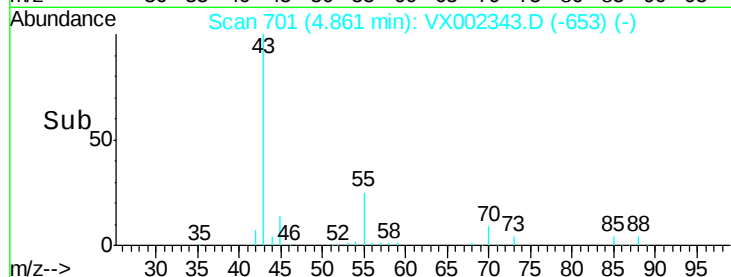
#37
Ethyl Acetate
Concen: 47.46 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 202199
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 9.7 7.6 11.4

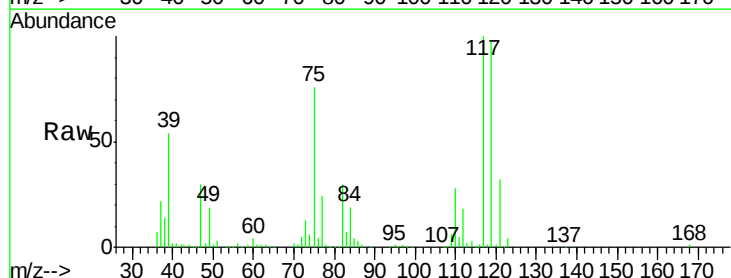


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

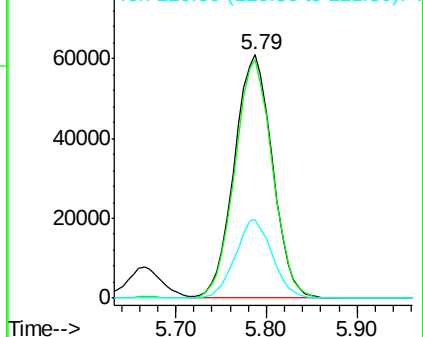
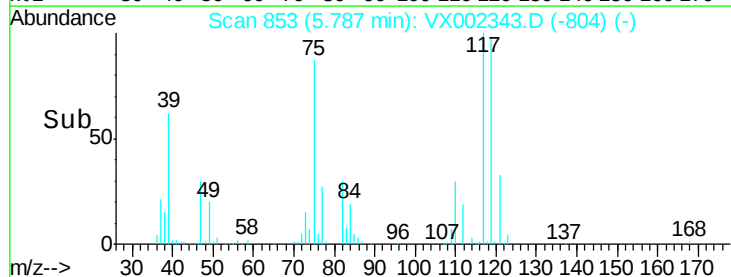


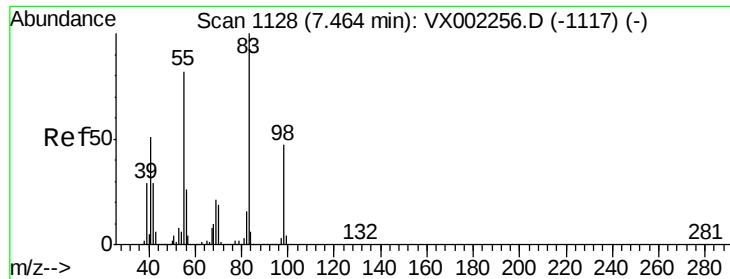
#38
Carbon Tetrachloride
Concen: 48.01 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 117 Resp: 177924
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0
121 32.2 24.4 36.6



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

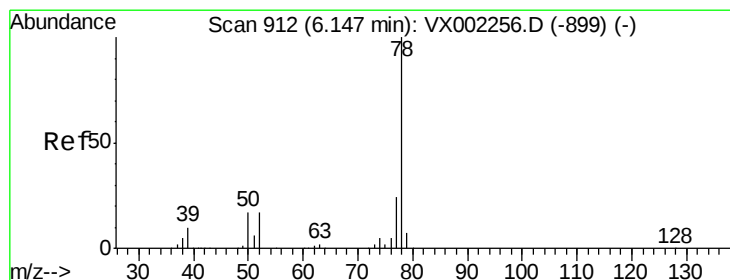
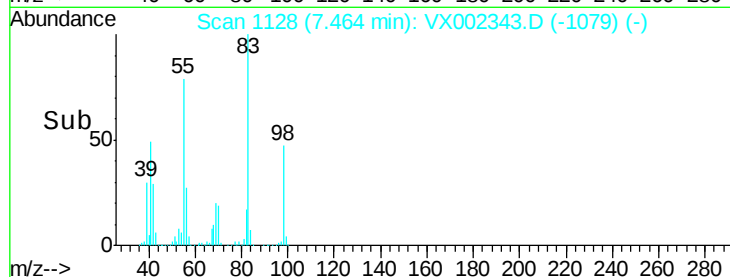
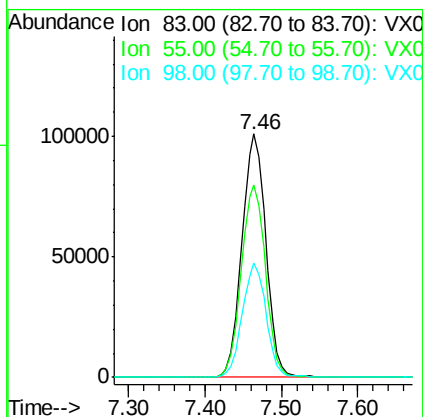
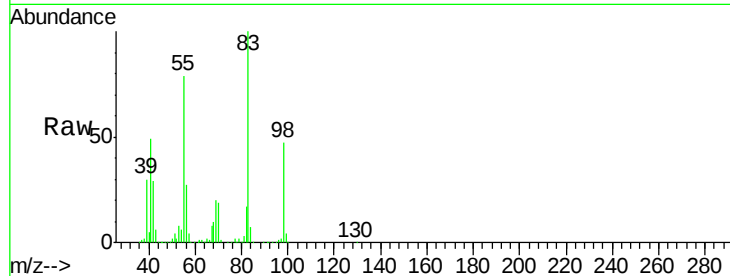




#39
Methvlcvclohexane
Concen: 50.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

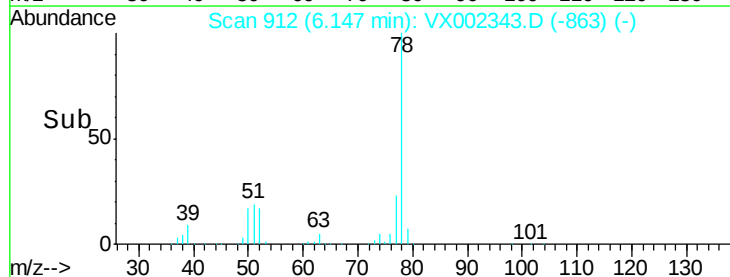
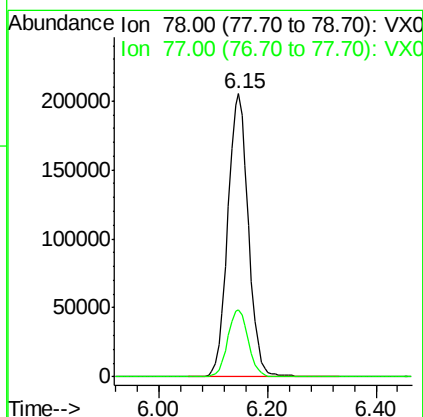
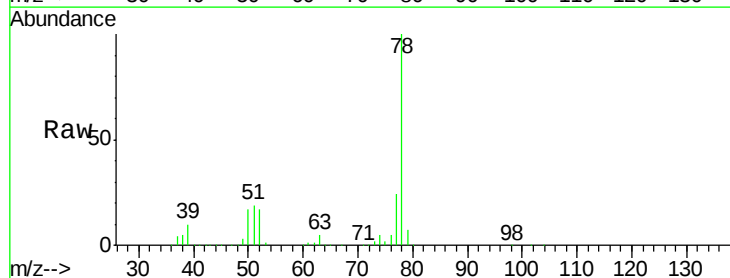
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 219491
Ion Ratio Lower Upper
83 100
55 78.9 65.4 98.0
98 47.1 37.4 56.0



#40
Benzene
Concen: 49.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 78 Resp: 540921
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

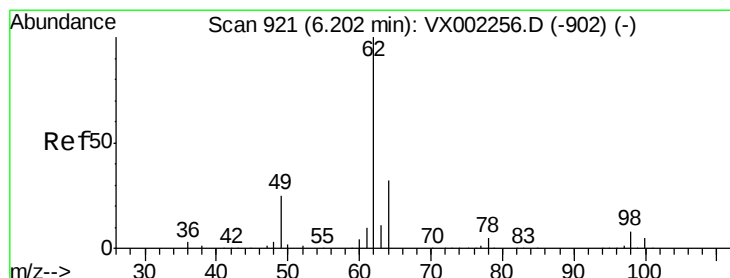
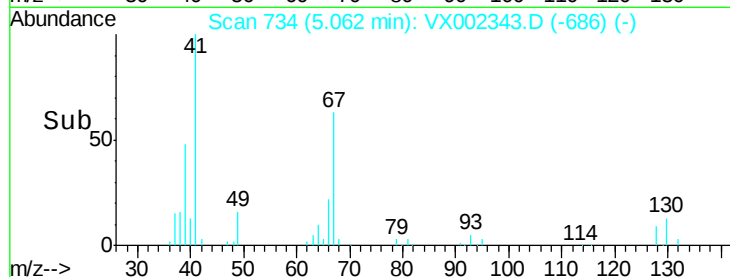
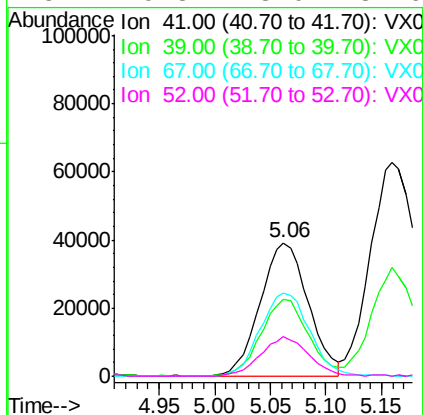
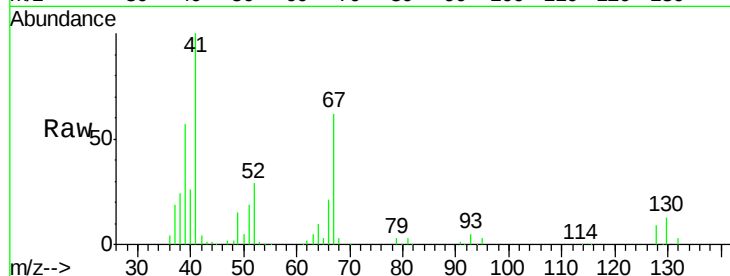




#41
Methacrylonitrile
Concen: 47.96 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

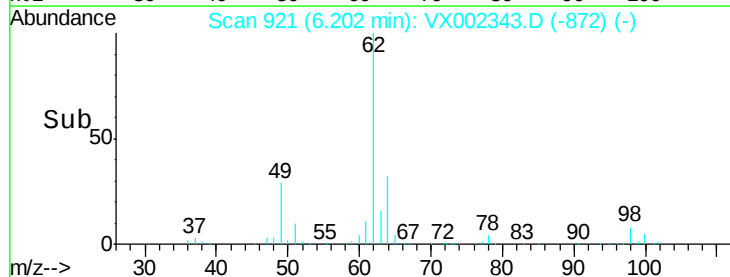
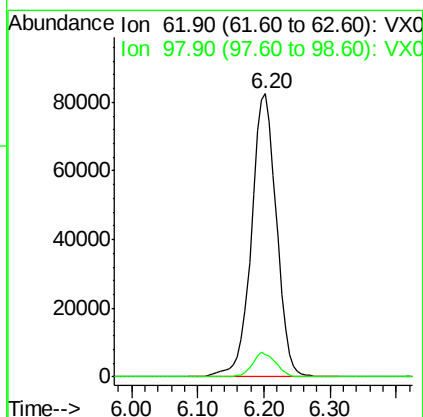
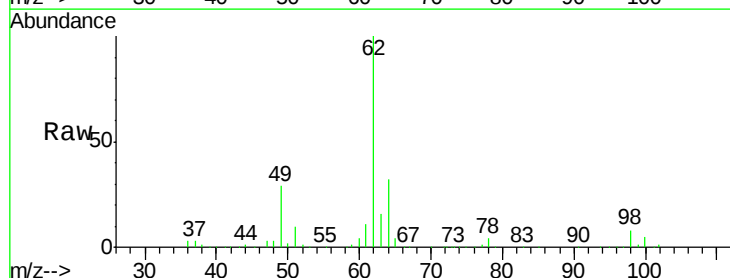
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

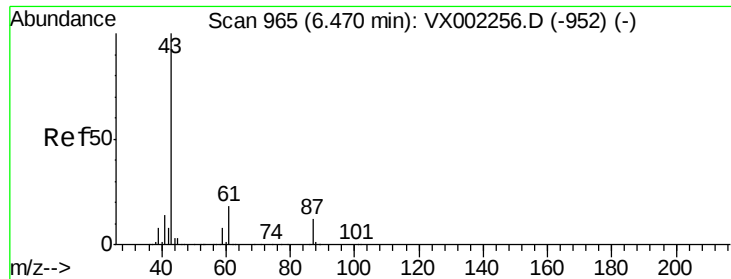
Tot Ion: 41 Resp: 116962
Ion Ratio Lower Upper
41 100
39 57.3 45.8 68.6
67 64.7 51.3 76.9
52 29.3 23.0 34.6



#42
1,2-Dichloroethane
Concen: 50.47 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 62 Resp: 217802
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.6



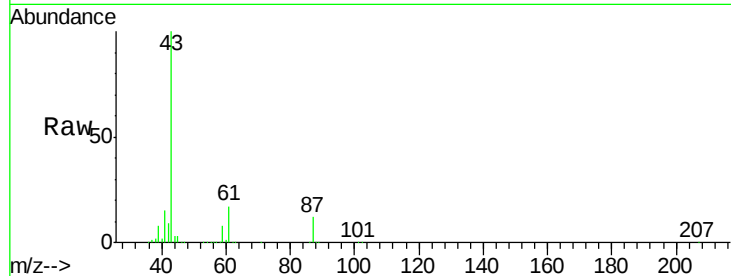


#43

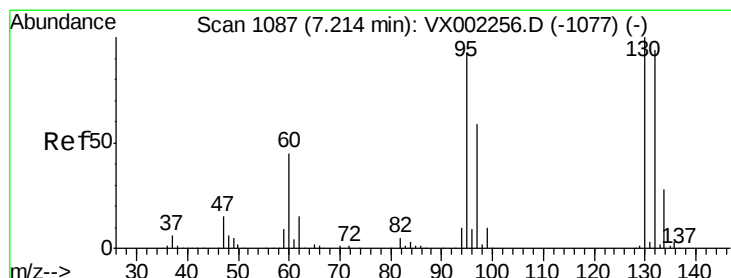
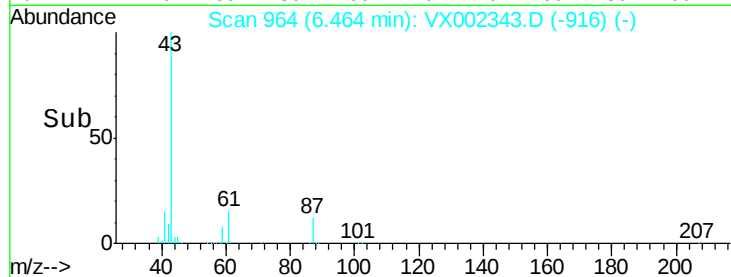
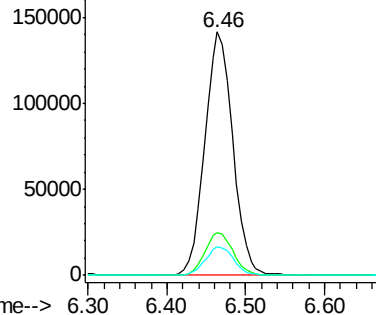
Isopropyl Acetate
 Concen: 48.10 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 348041
 Ion Ratio Lower Upper
 43 100
 61 17.5 14.4 21.6
 87 12.0 9.5 14.3



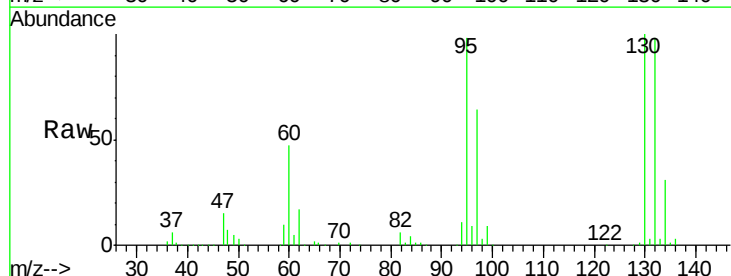
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



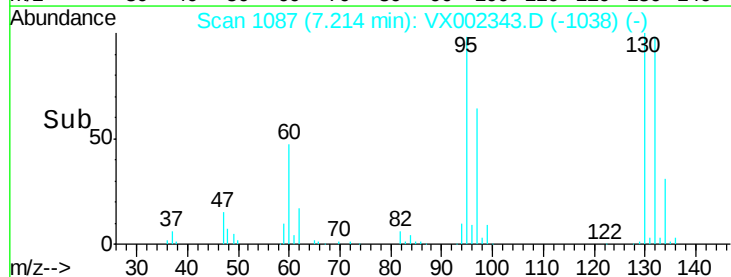
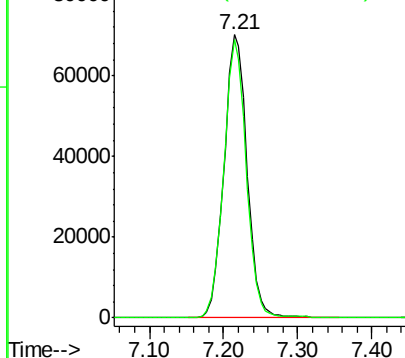
#44

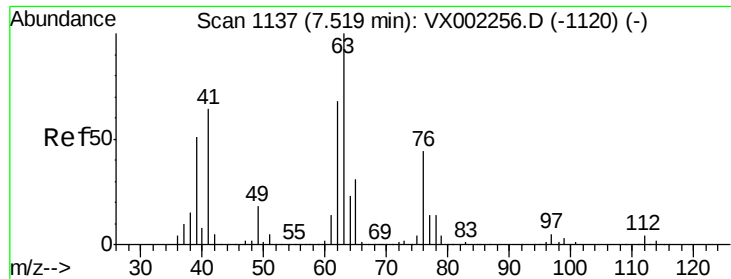
Trichloroethene
 Concen: 50.41 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Tgt Ion: 130 Resp: 151966
 Ion Ratio Lower Upper
 130 100
 95 98.4 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 50.32 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

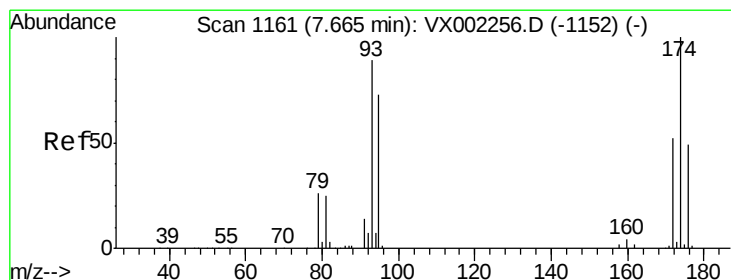
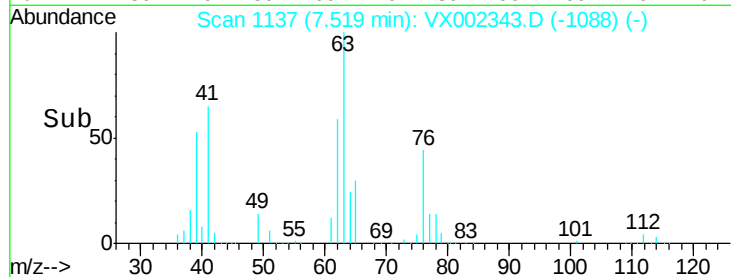
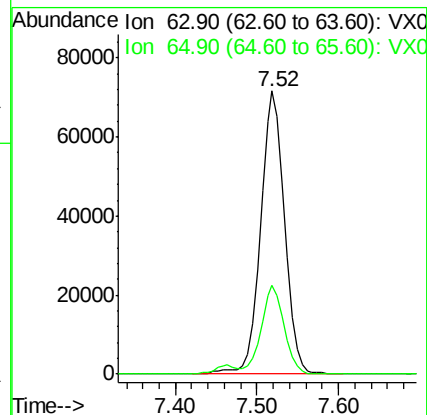
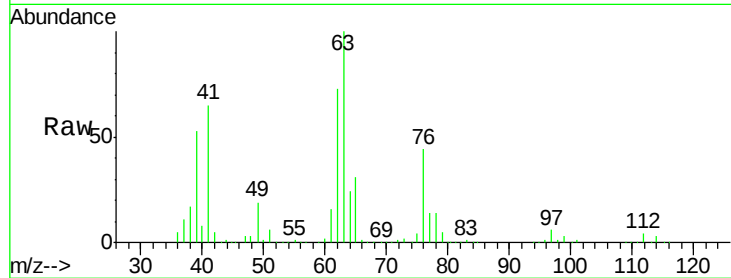
VSTDCCC050

Tot Ion: 63 Resp: 147563

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 50.02 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

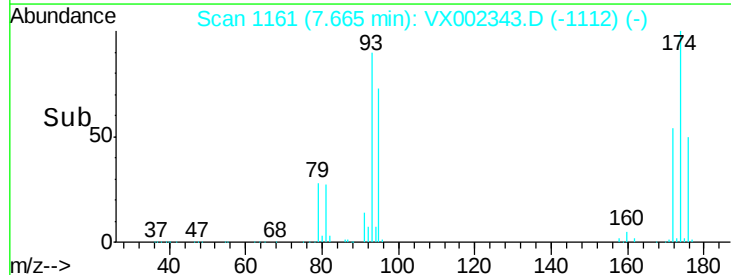
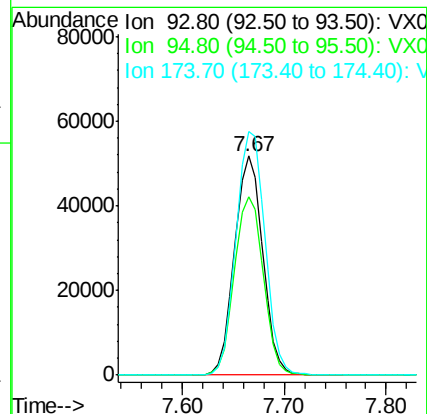
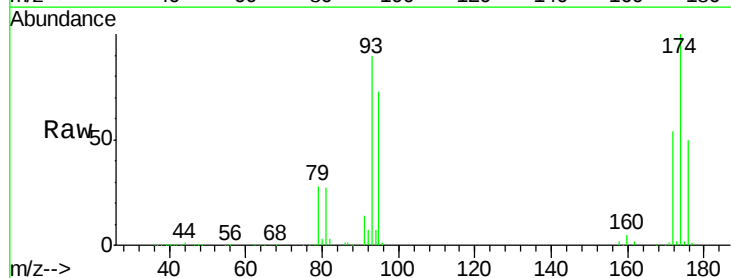
Tgt Ion: 93 Resp: 99438

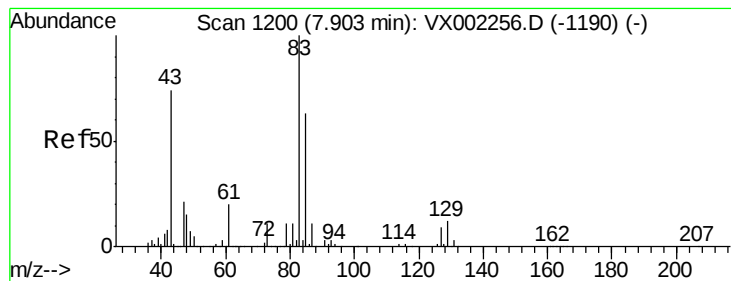
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 114.1 92.4 138.6





#47

Bromodichloromethane

Concen: 50.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

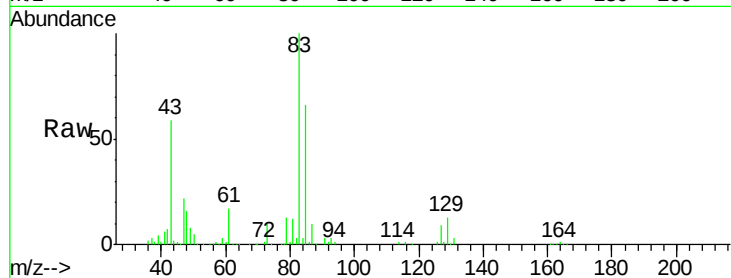
Tot Ion: 83 Resp: 180719

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

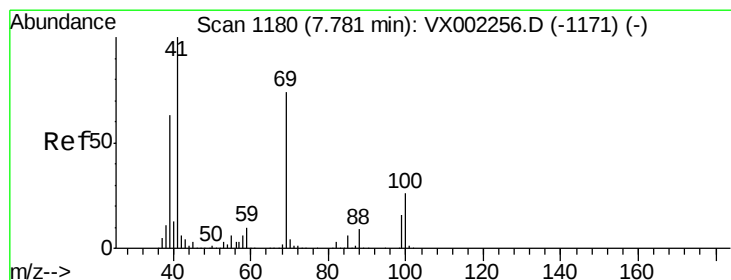
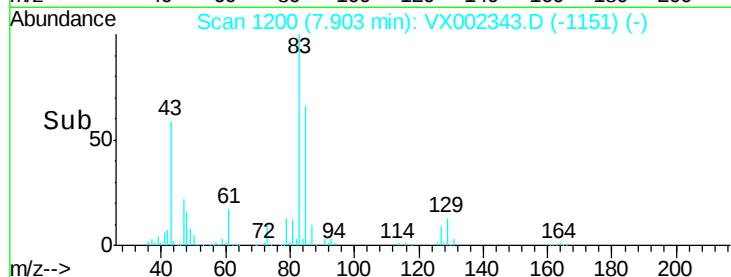
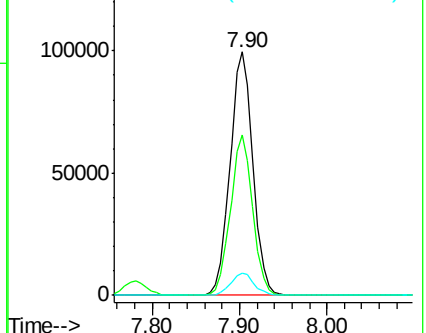
127 9.2 7.0 10.4



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: 48.94 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

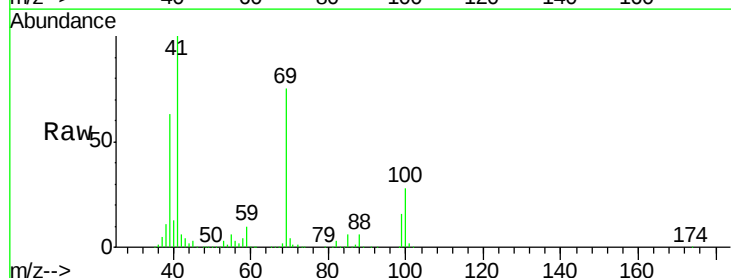
Tgt Ion: 41 Resp: 177905

Ion Ratio Lower Upper

41 100

69 75.5 59.1 88.7

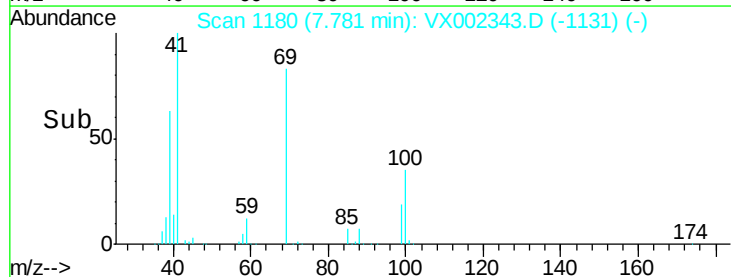
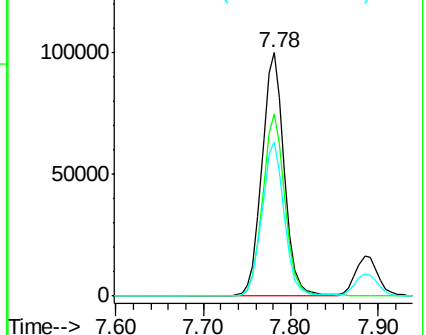
39 63.3 48.9 73.3

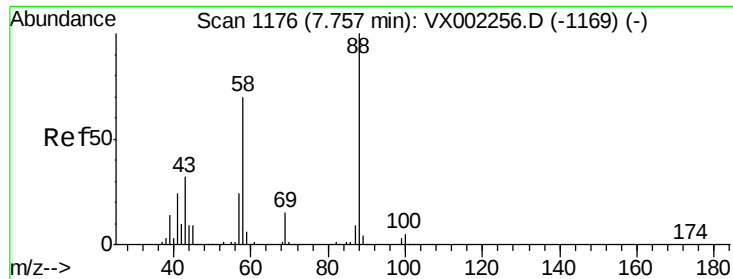


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

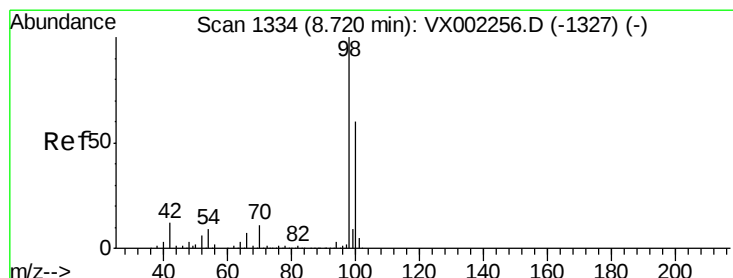
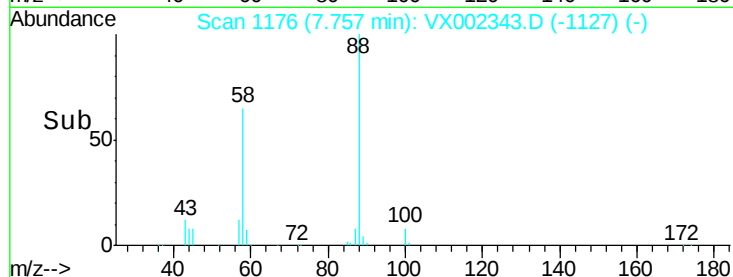
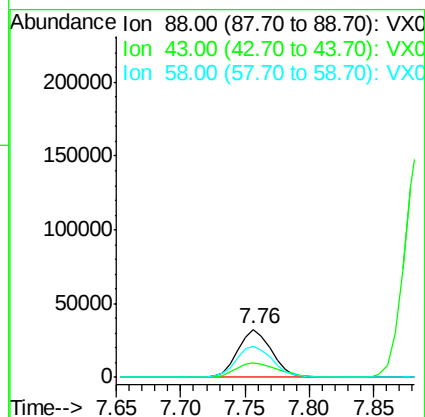
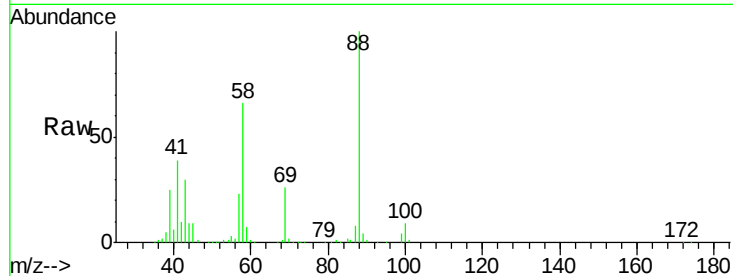




#49
1,4-Dioxane
Concen: 868.81 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

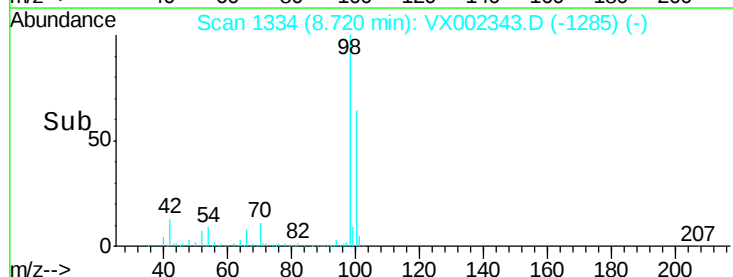
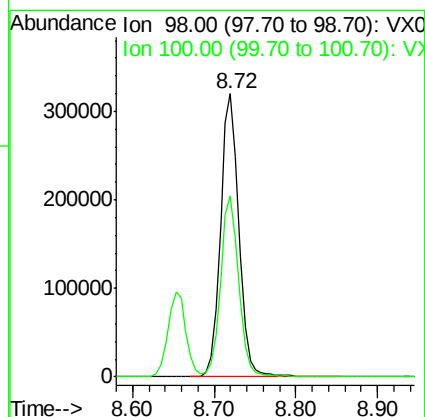
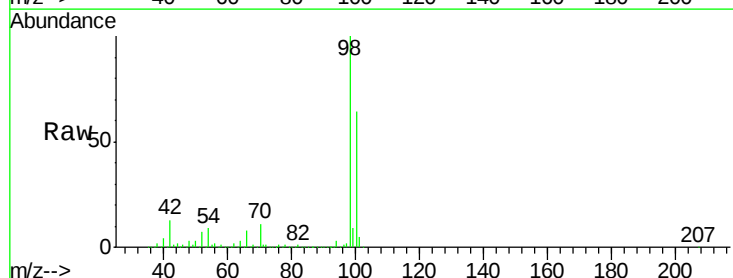
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

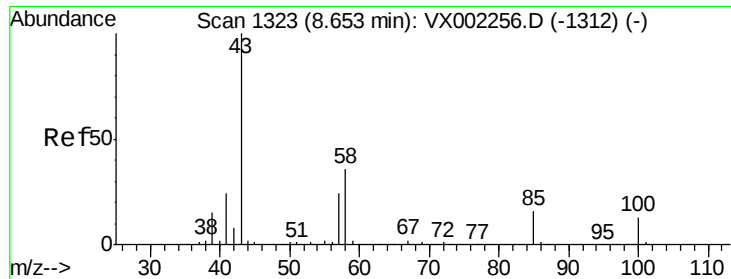
Tot Ion	88	Resp	59048
Ion	Ratio	Lower	Upper
88	100		
43	38.0	29.8	44.6
58	71.4	57.1	85.7



#50
Toluene-d8
Concen: 49.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion	98	Resp	502831
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 246.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

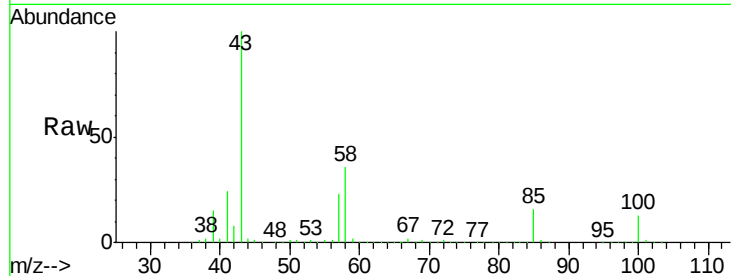
VSTDCCC050

Tot Ion: 43 Resp: 1112751

Ion Ratio Lower Upper

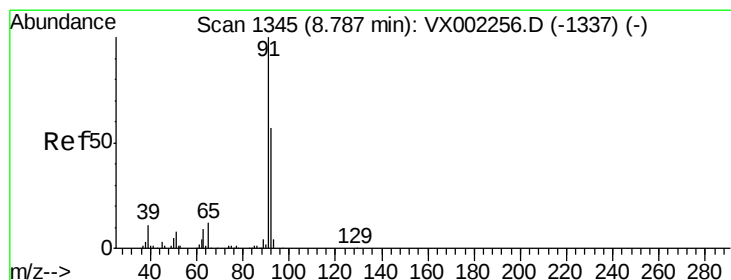
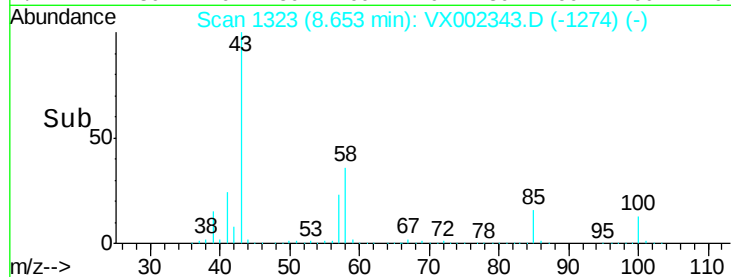
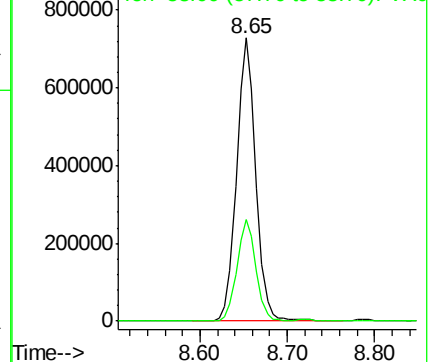
43 100

58 35.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.04 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002343.D

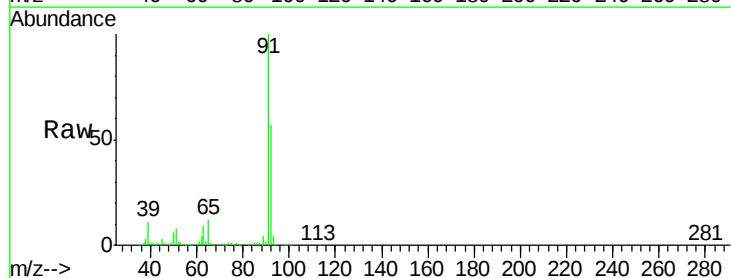
Acq: 06 Jun 2018 10:19

Tgt Ion: 92 Resp: 359542

Ion Ratio Lower Upper

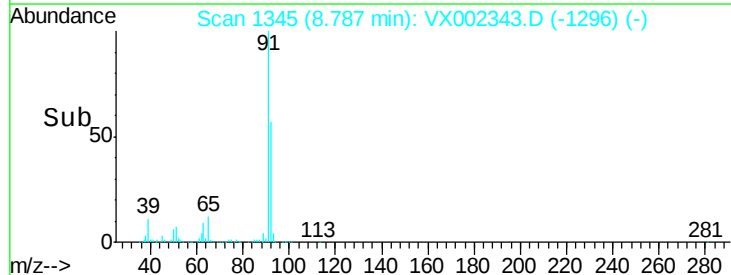
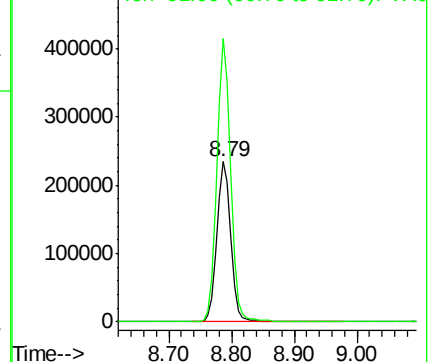
92 100

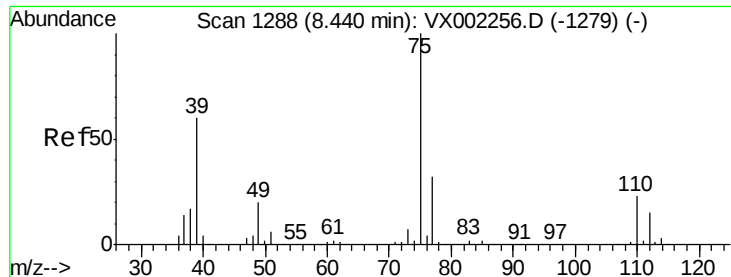
91 175.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

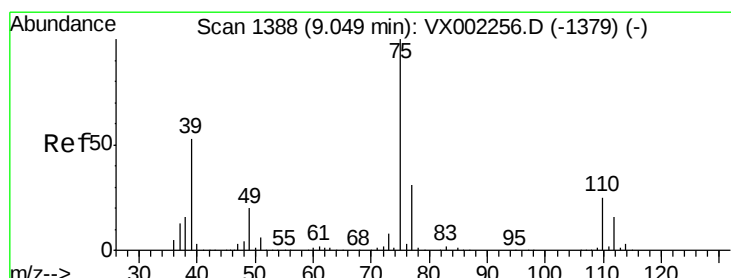
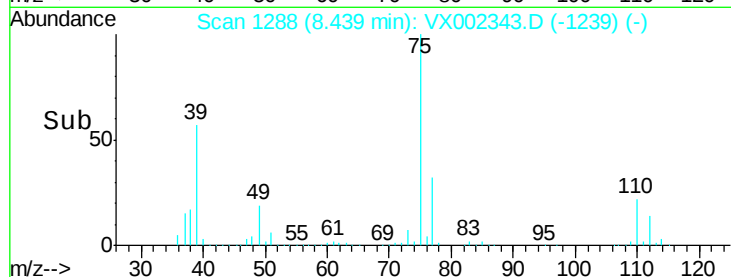
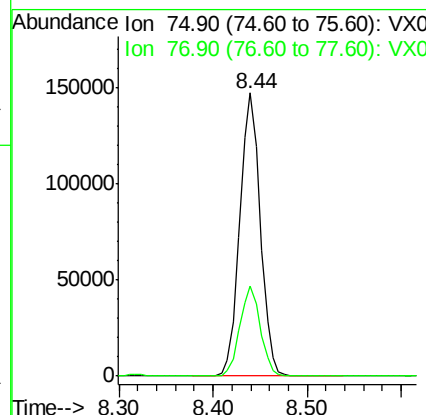
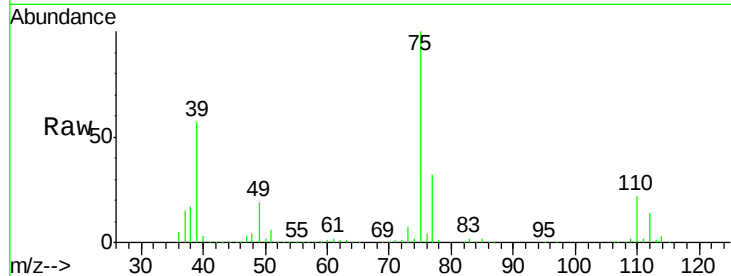




#53
t-1,3-Dichloropropene
Concen: 51.68 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

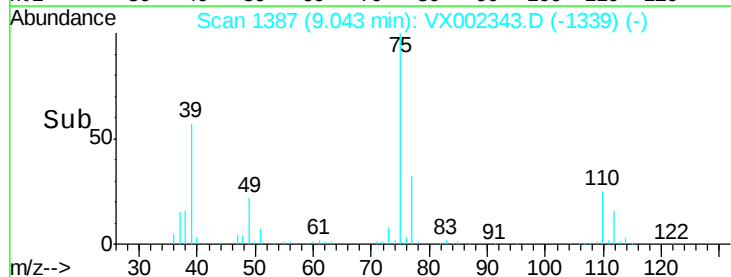
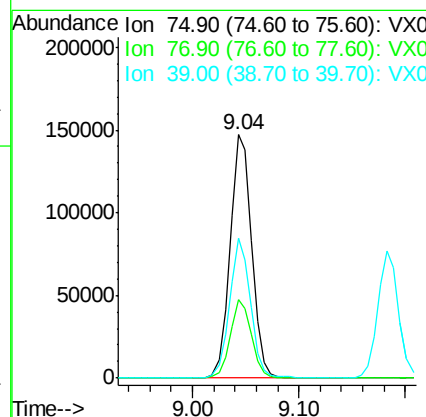
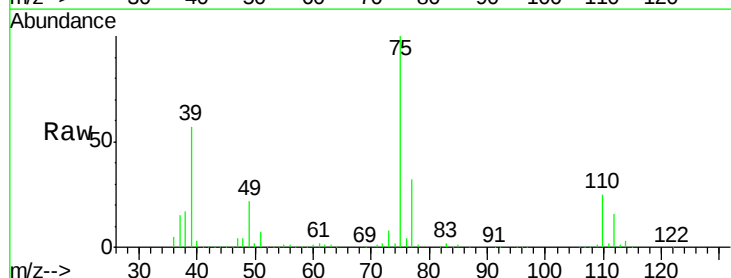
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

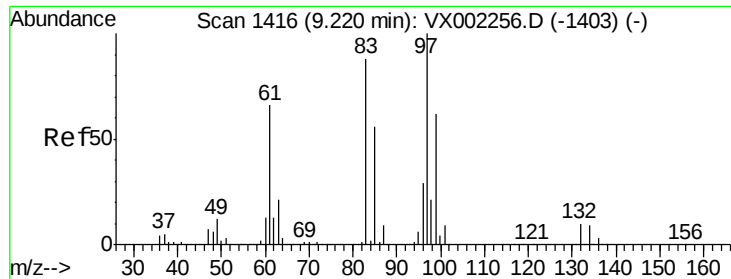
Tot Ion: 75 Resp: 222817
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.24 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 75 Resp: 208433
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 57.3 42.4 63.6

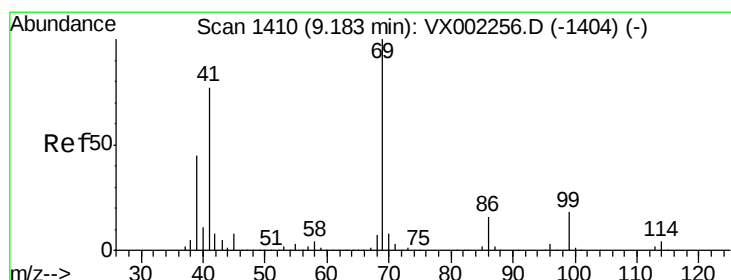
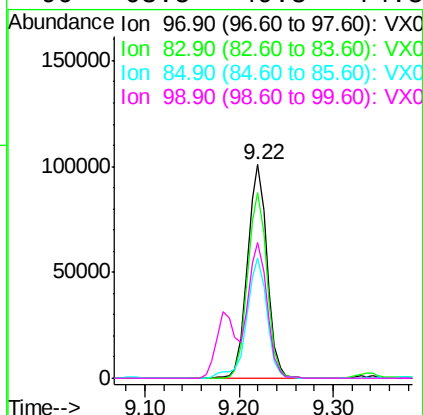
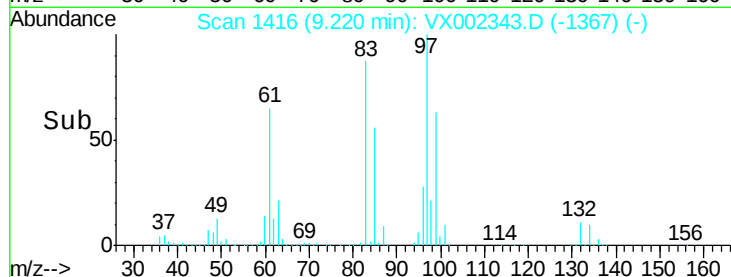
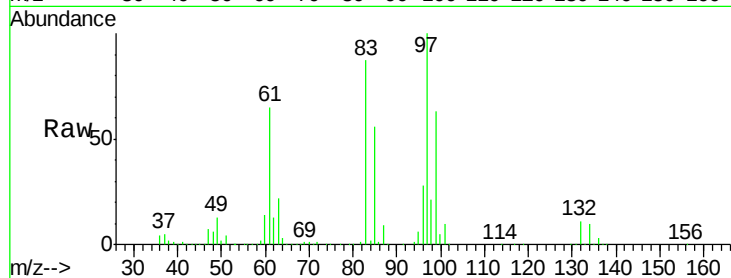




#55
 1,1,2-Trichloroethane
 Concen: 51.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

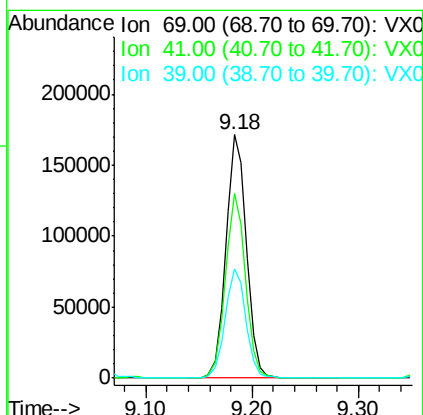
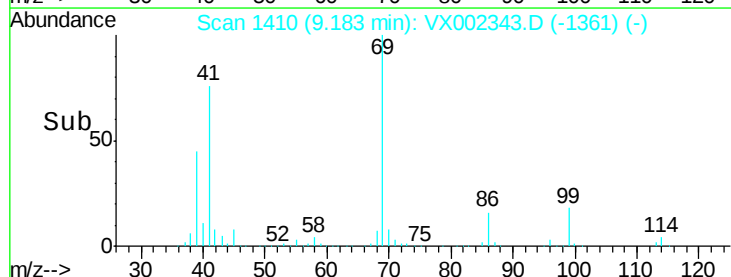
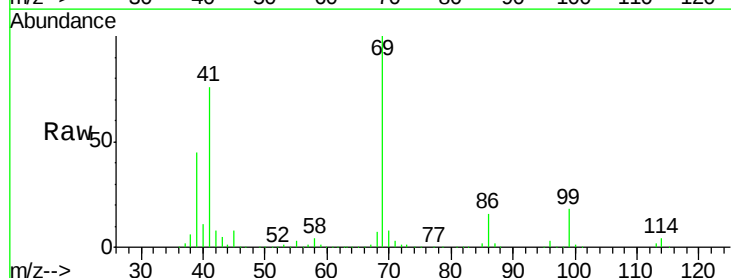
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	147362
Ion	Ratio	Lower	Upper
97	100		
83	87.1	70.2	105.2
85	56.1	44.9	67.3
99	63.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.00 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Tgt Ion:	69	Resp:	231378
Ion	Ratio	Lower	Upper
69	100		
41	74.4	60.3	90.5
39	45.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.55 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

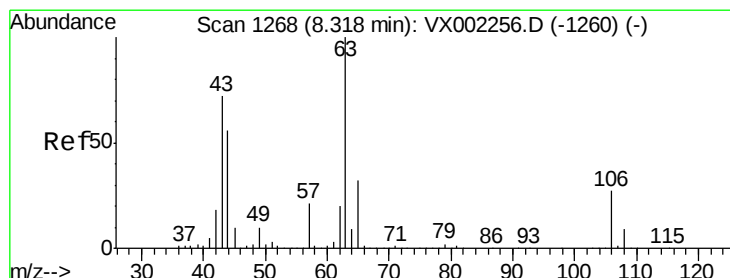
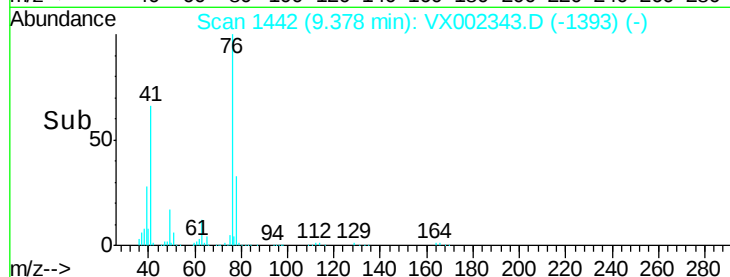
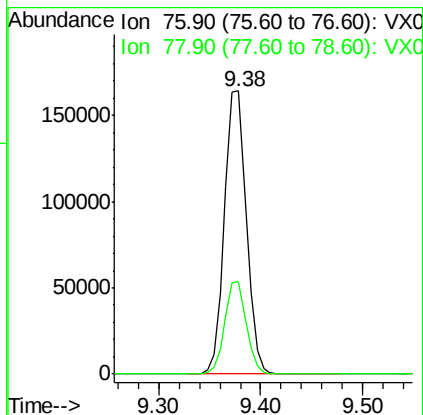
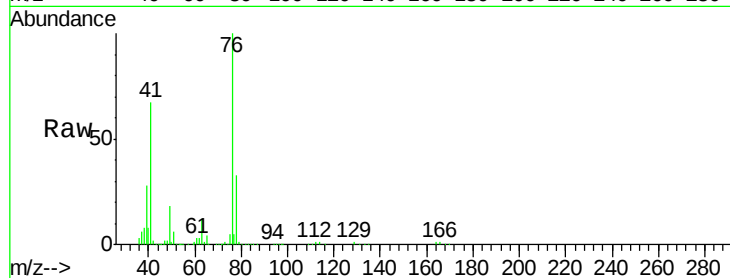
VSTDCCC050

Tot Ion: 76 Resp: 245739

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 257.77 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002343.D

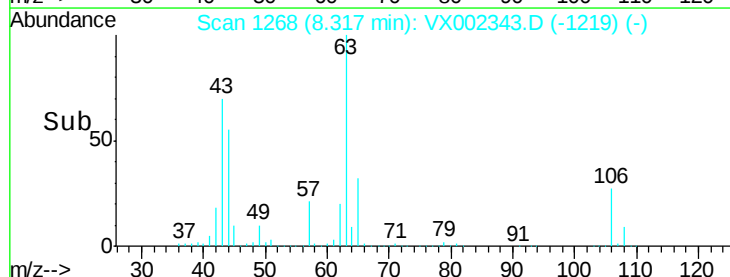
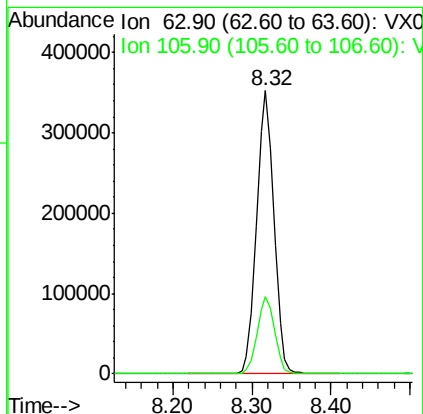
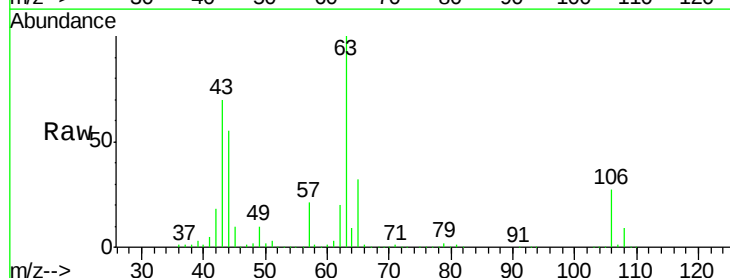
Acq: 06 Jun 2018 10:19

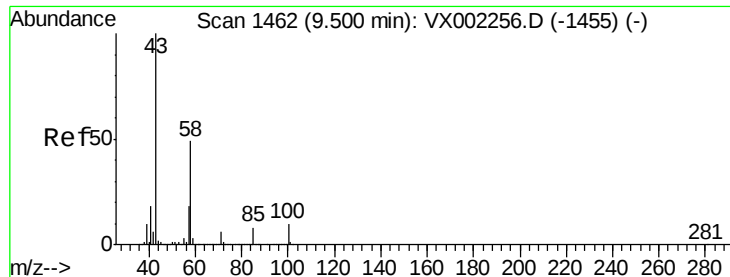
Tgt Ion: 63 Resp: 541224

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

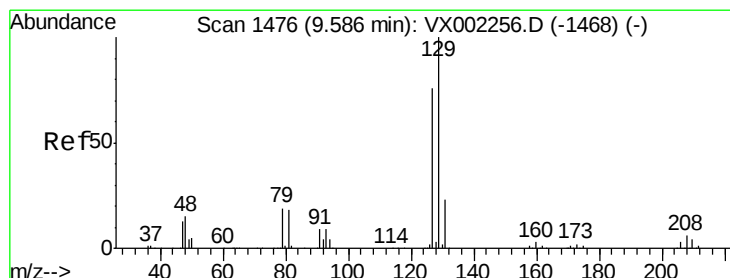
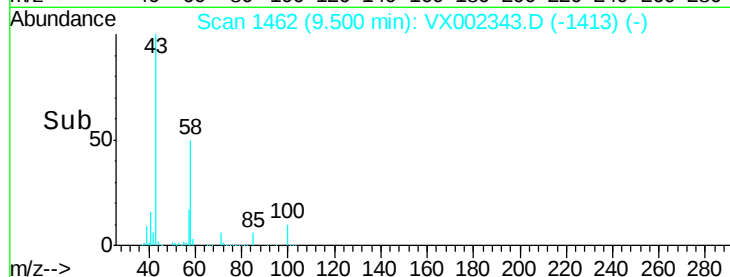
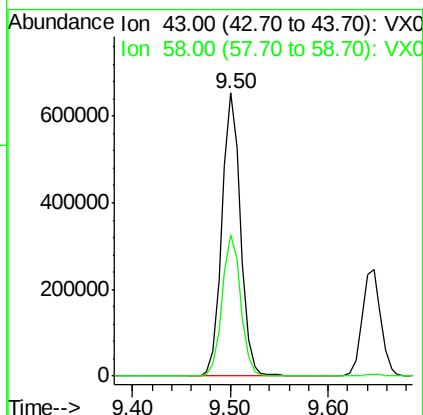
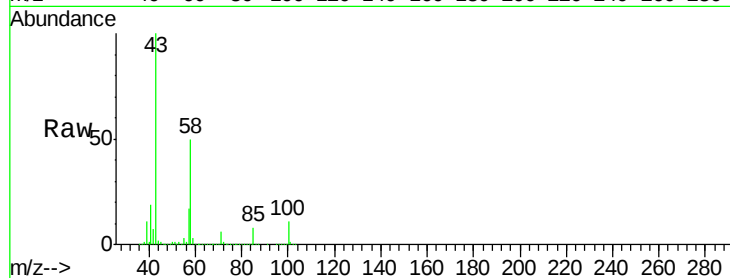




#59
2-Hexanone
Concen: 247.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

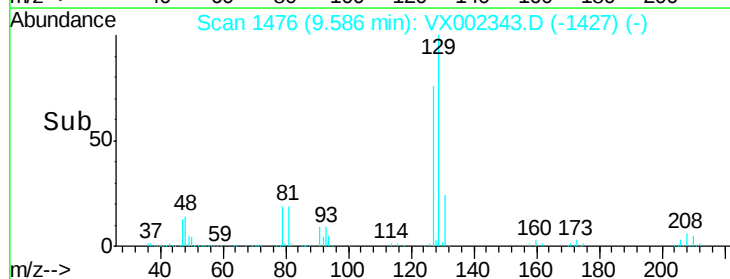
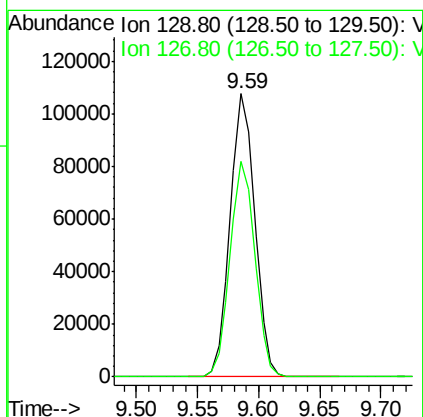
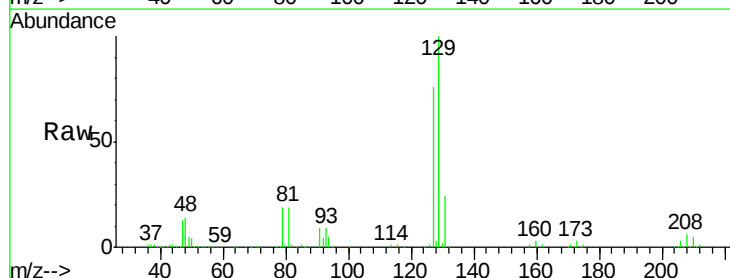
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 859829
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 52.66 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 129 Resp: 150519
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

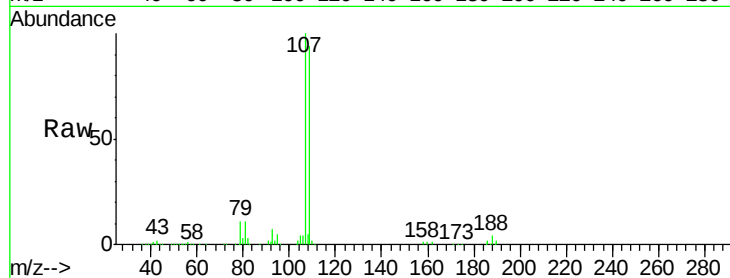
VSTDCCC050

Tot Ion:107 Resp: 156991

Ion Ratio Lower Upper

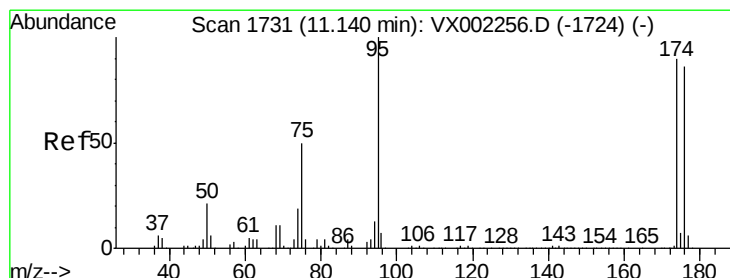
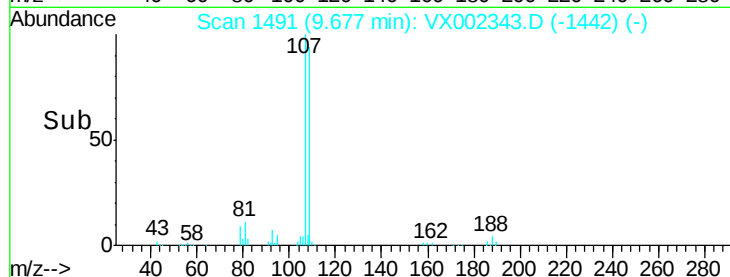
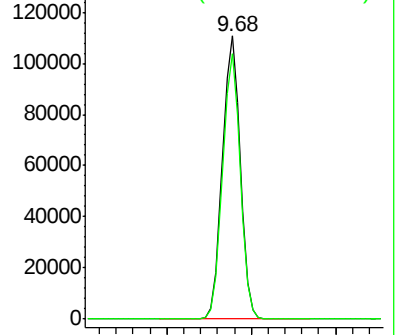
107 100

109 93.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

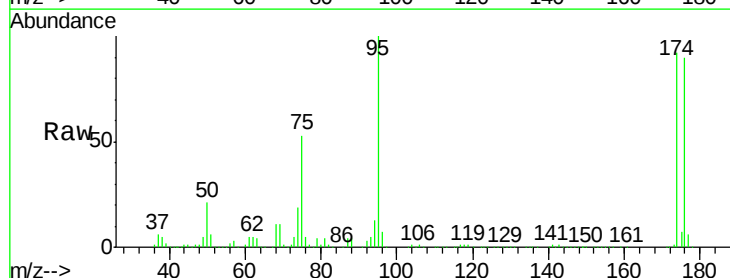
Tgt Ion: 95 Resp: 199523

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

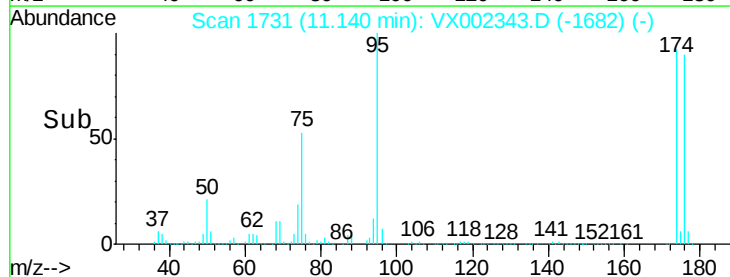
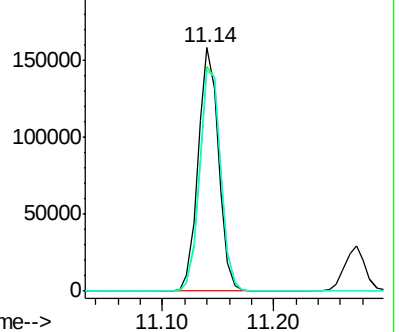
176 93.5 0.0 181.0

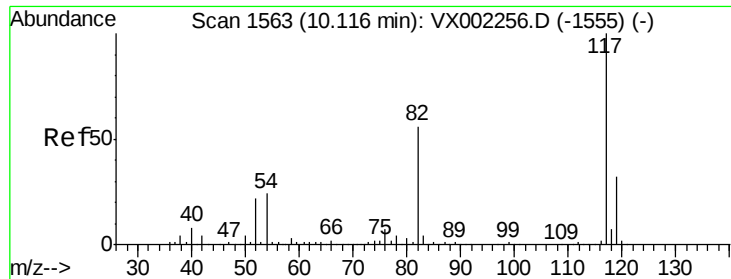


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

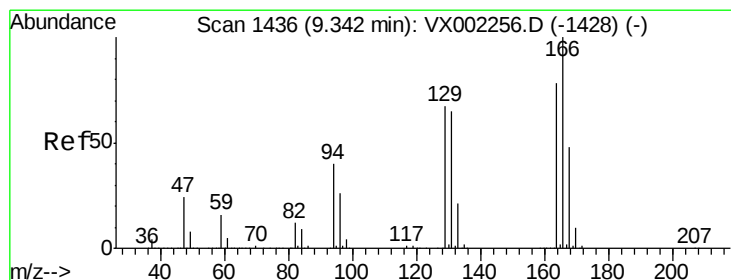
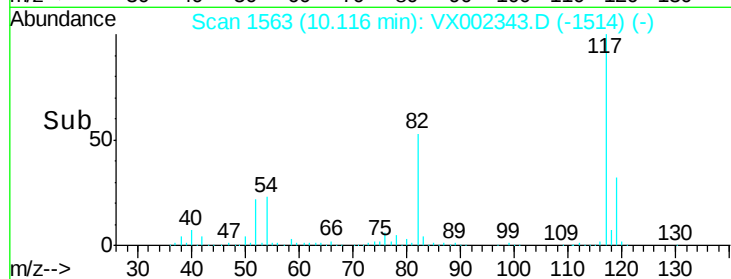
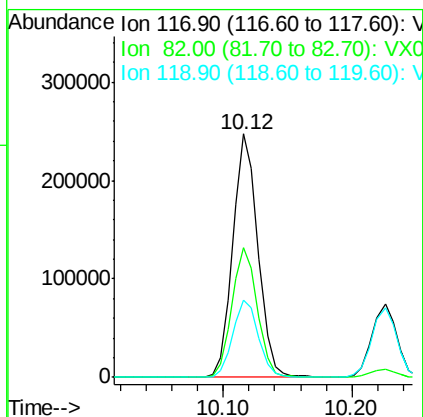
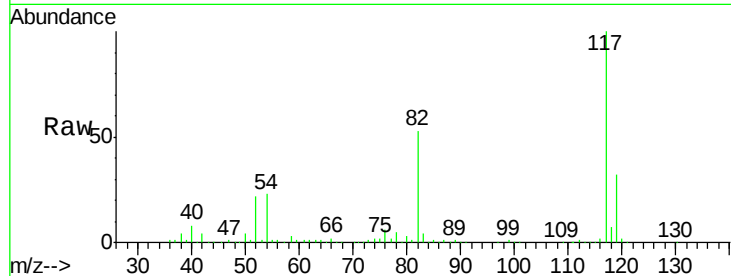




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

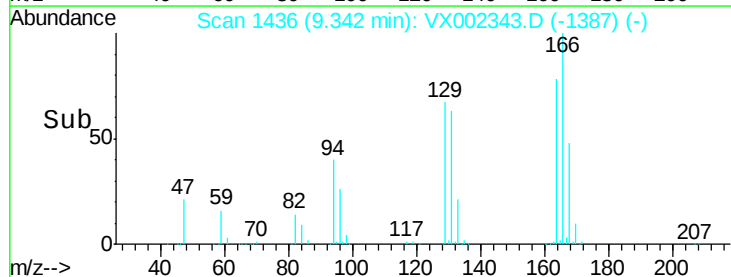
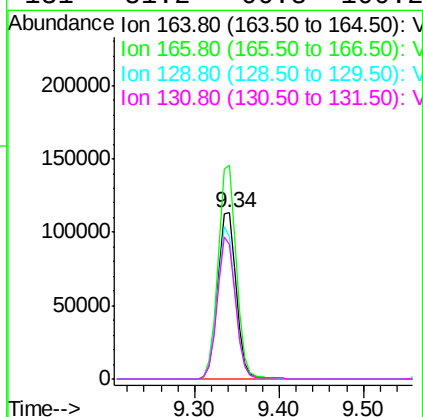
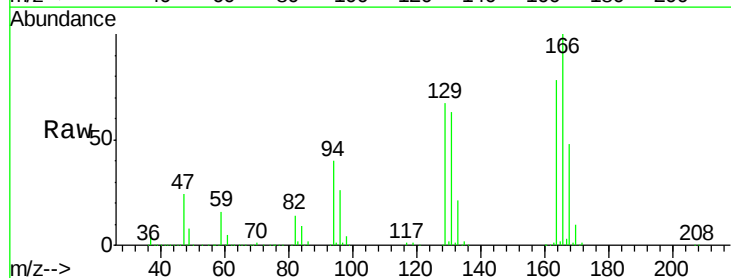
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

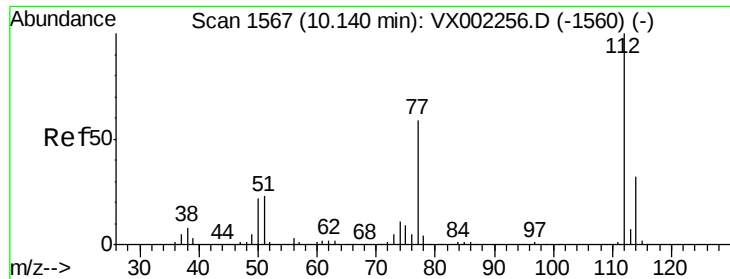
Tot Ion:117 Resp: 336818
Ion Ratio Lower Upper
117 100
82 53.1 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 49.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion:164 Resp: 173573
Ion Ratio Lower Upper
164 100
166 128.7 102.9 154.3
129 85.6 68.6 102.8
131 81.2 66.8 100.2

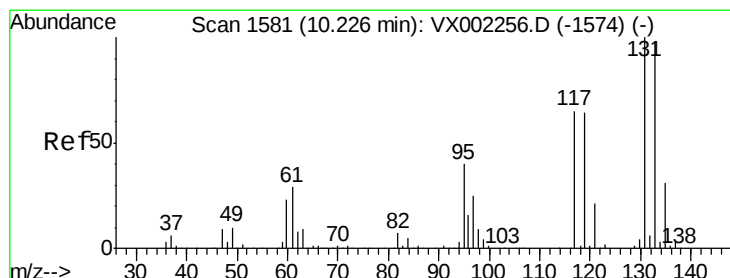
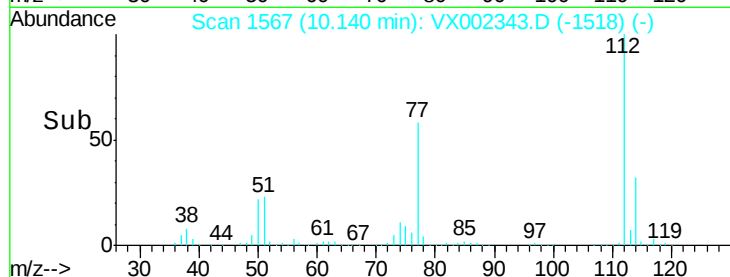
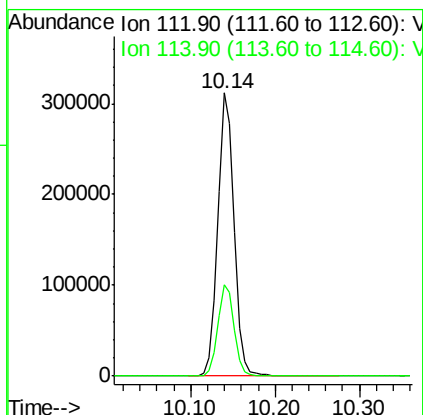
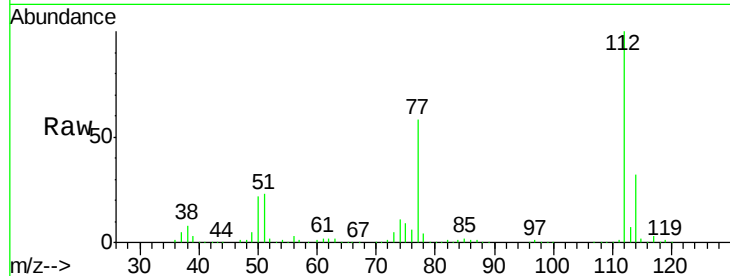




#65
Chlorobenzene
Concen: 49.92 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

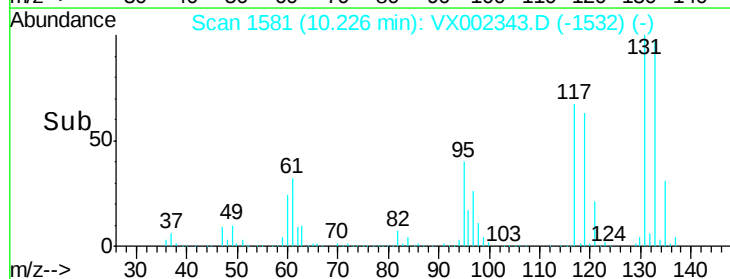
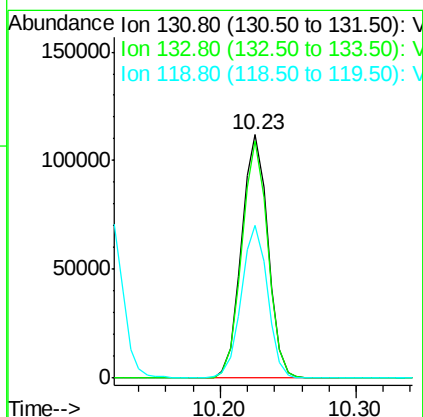
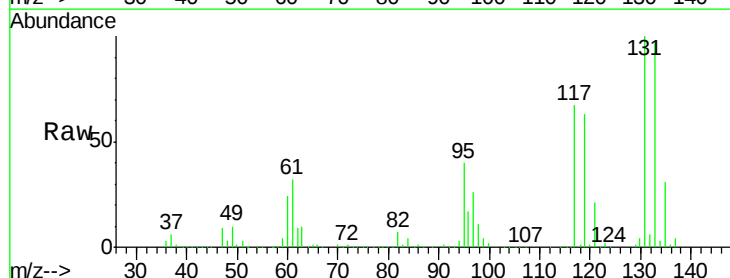
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

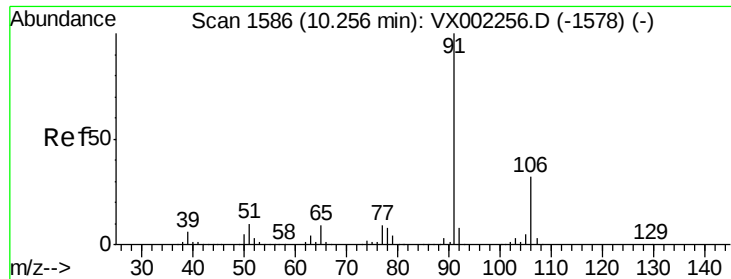
Tot Ion:112 Resp: 418392
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.07 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion:131 Resp: 151940
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 62.4 31.8 95.3

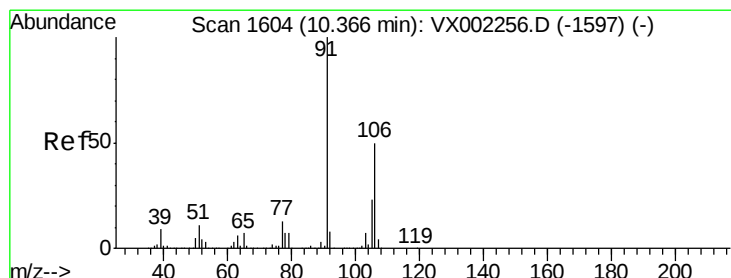
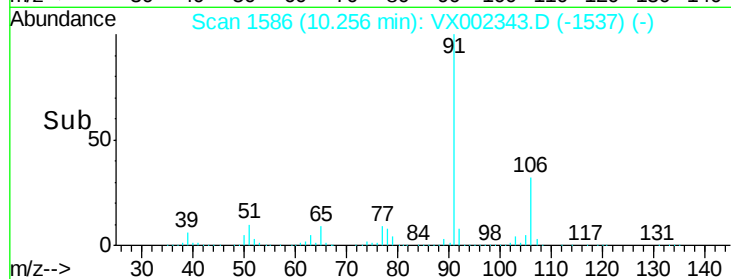
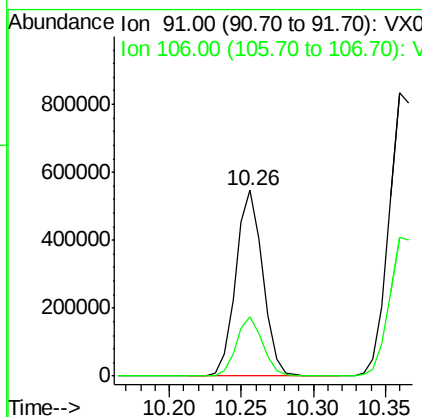
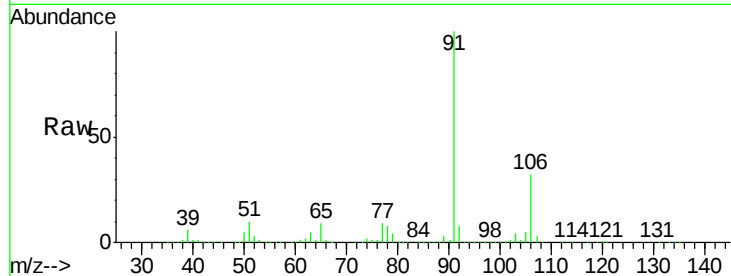




#67
Ethyl Benzene
Concen: 50.91 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

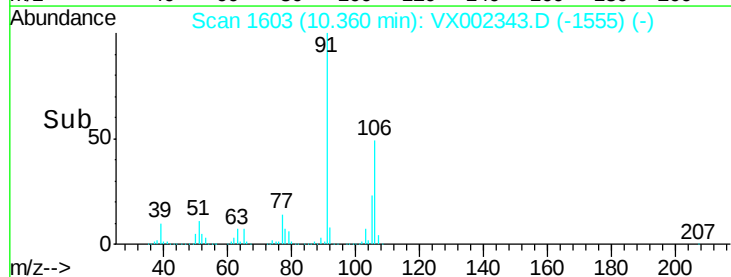
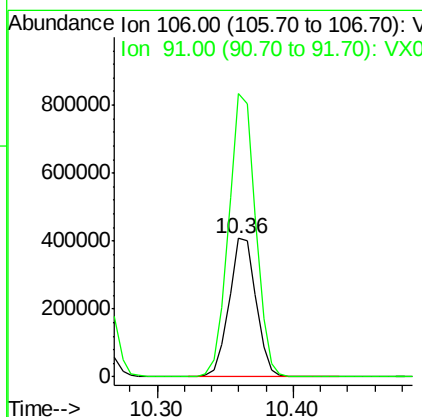
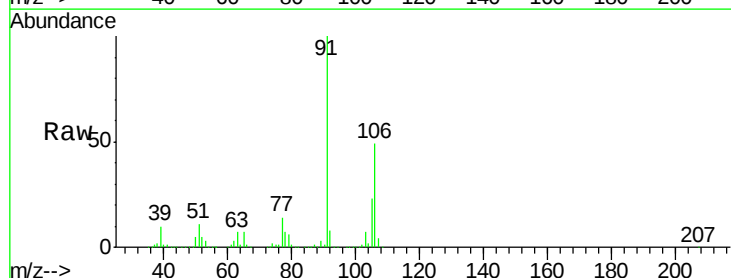
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 714105
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 102.87 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 106 Resp: 560840
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2

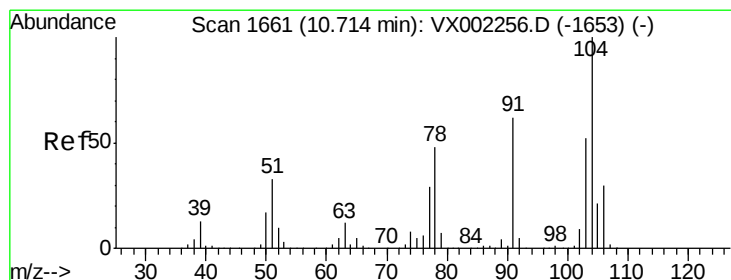
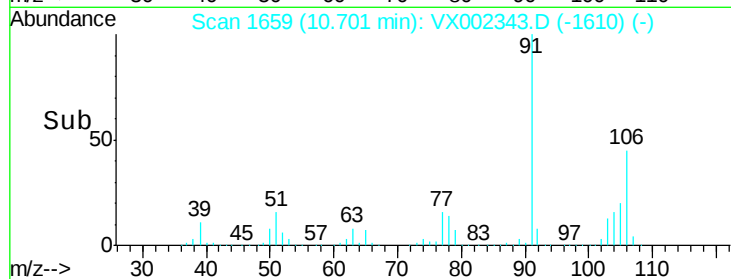
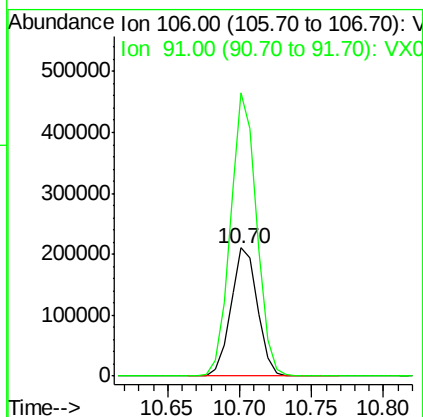
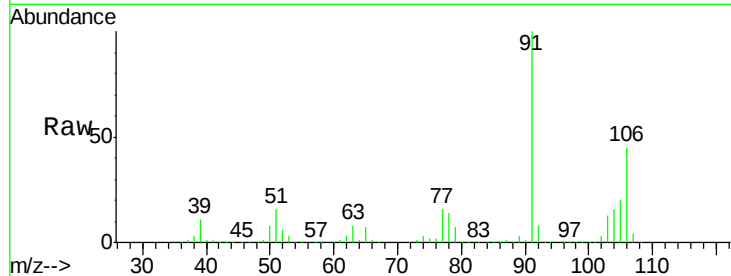




#69
o-Xylene
Concen: 50.37 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

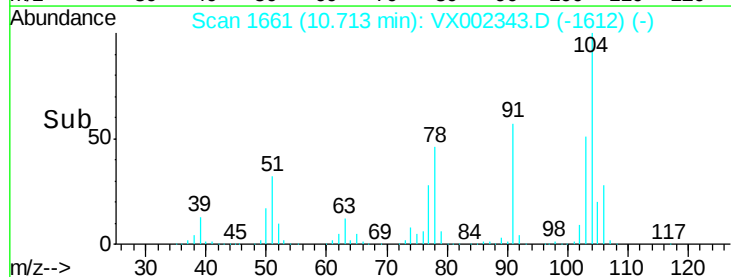
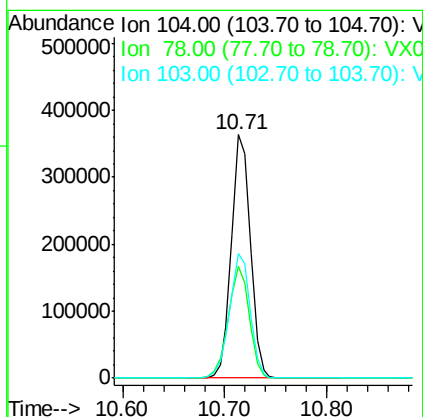
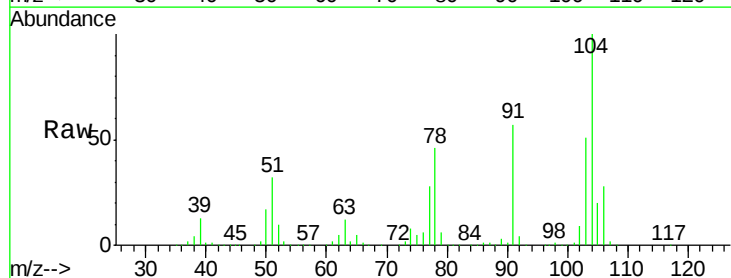
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 273310
Ion Ratio Lower Upper
106 100
91 217.2 108.2 324.6



#70
Styrene
Concen: 52.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion:104 Resp: 467107
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 42.91 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

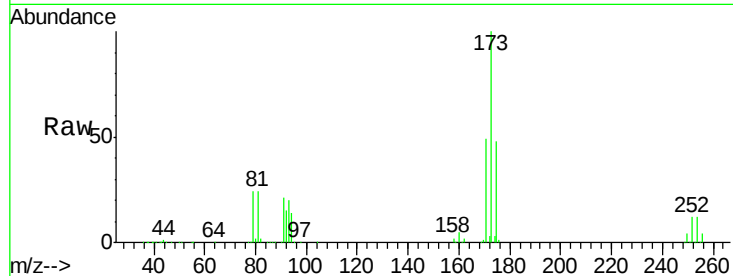
Tot Ion:173 Resp: 115203

Ion Ratio Lower Upper

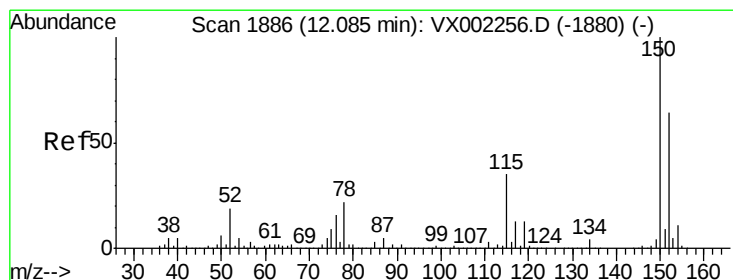
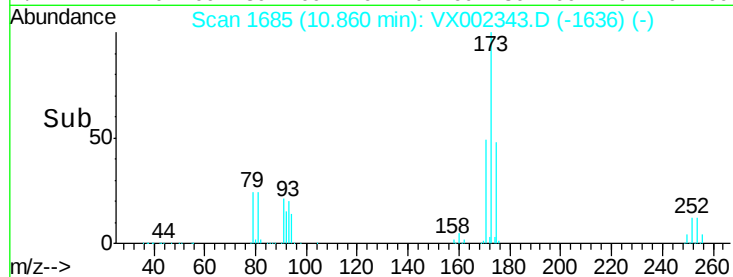
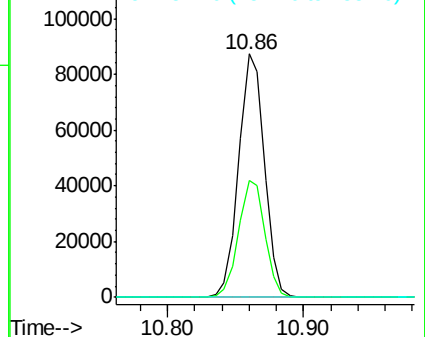
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

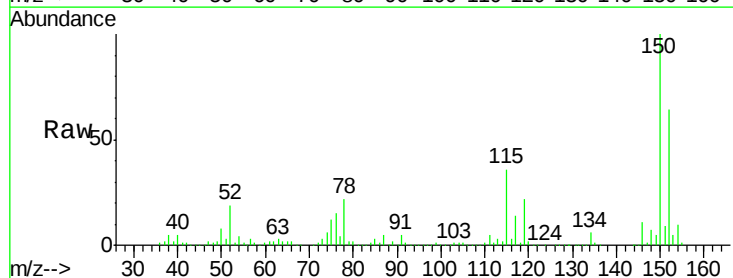
Tgt Ion:152 Resp: 224898

Ion Ratio Lower Upper

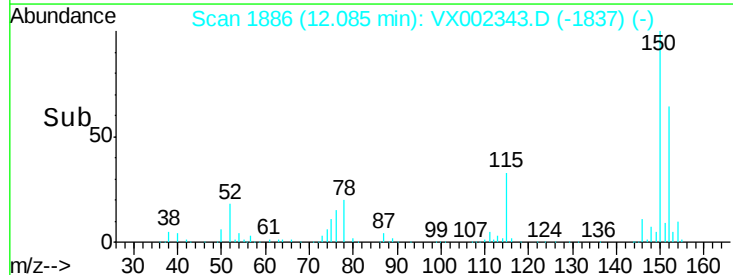
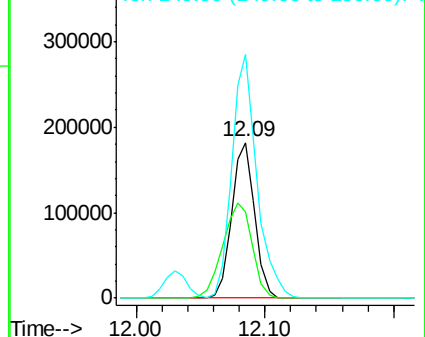
152 100

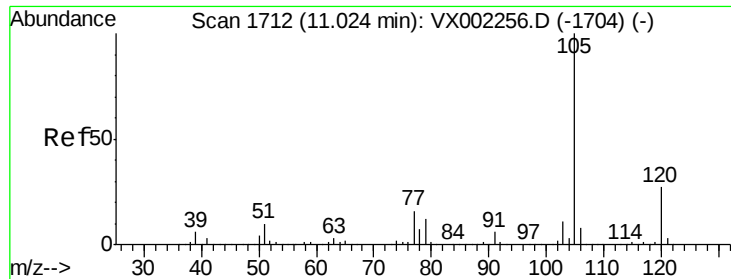
115 79.1 40.1 120.2

150 172.6 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.64 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

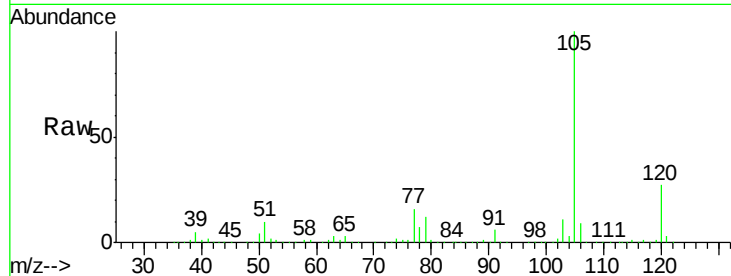
VSTDCCC050

Tot Ion:105 Resp: 745329

Ion Ratio Lower Upper

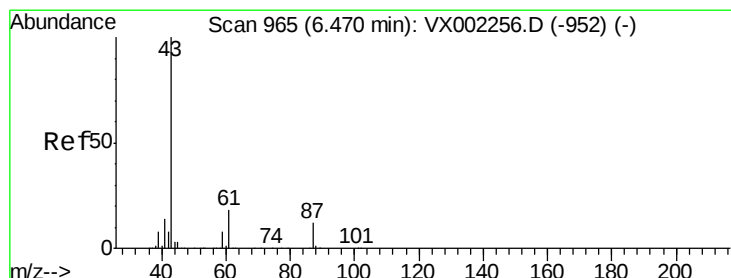
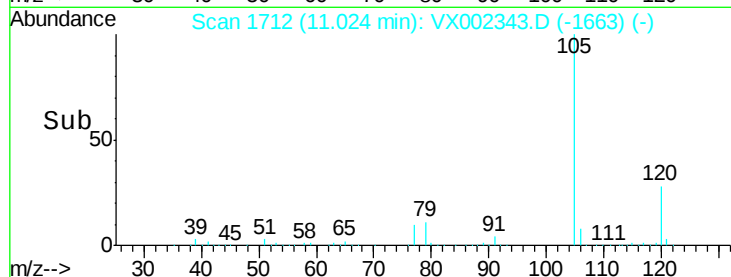
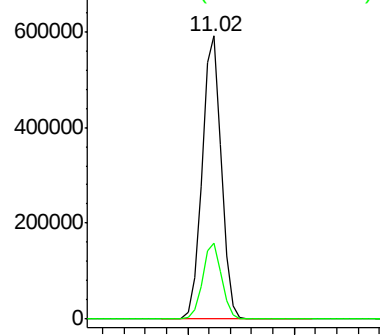
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.29 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Tgt Ion: 43 Resp: 348041

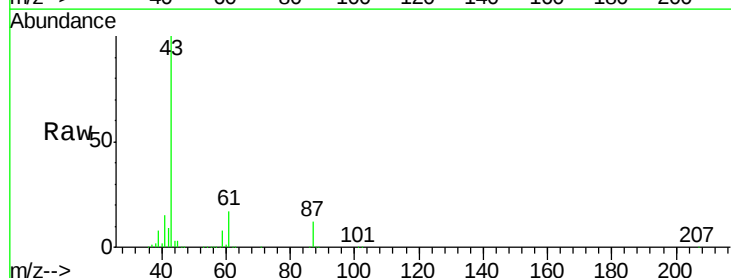
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.5 14.4 21.6

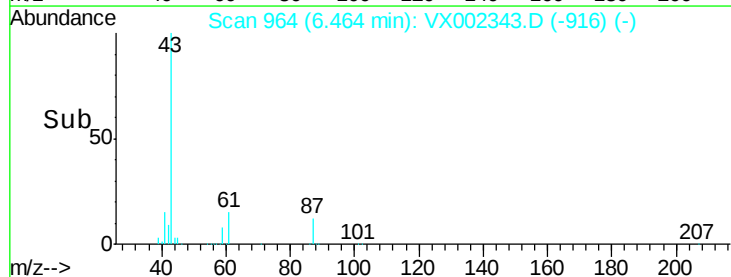
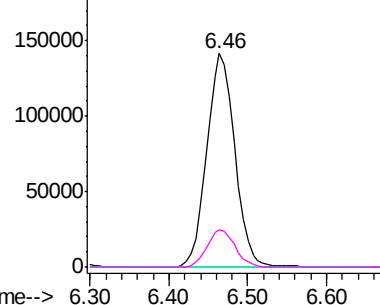


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

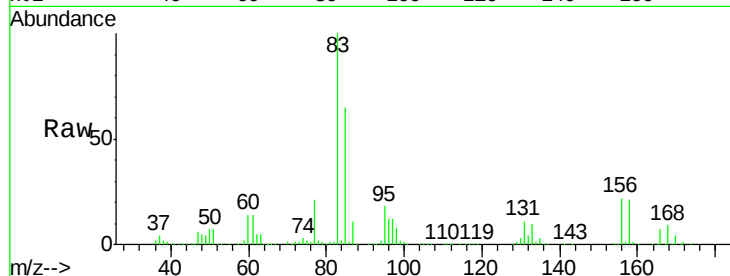
Tot Ion: 83 Resp: 218648

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

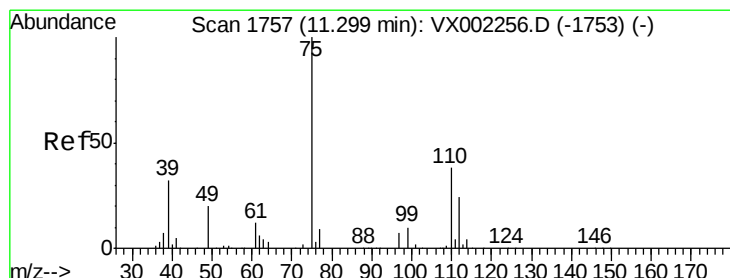
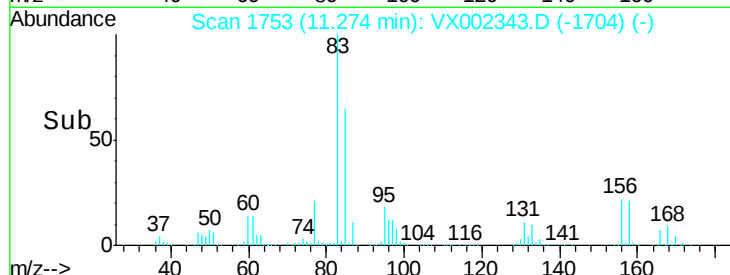
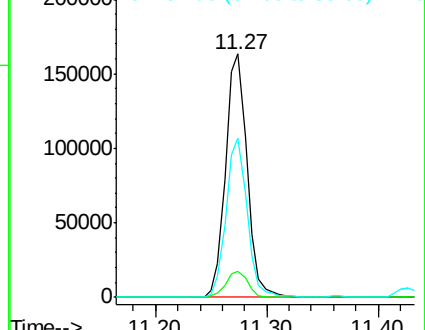
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.60 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002343.D

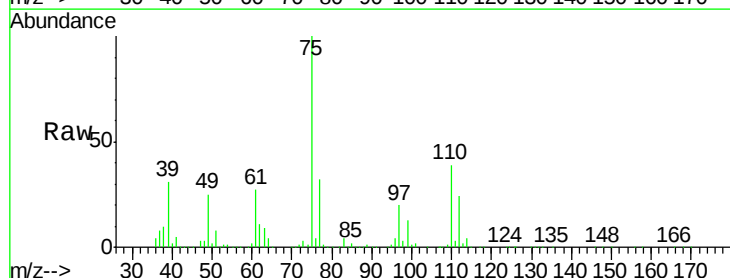
Acq: 06 Jun 2018 10:19

Tgt Ion: 75 Resp: 254643

Ion Ratio Lower Upper

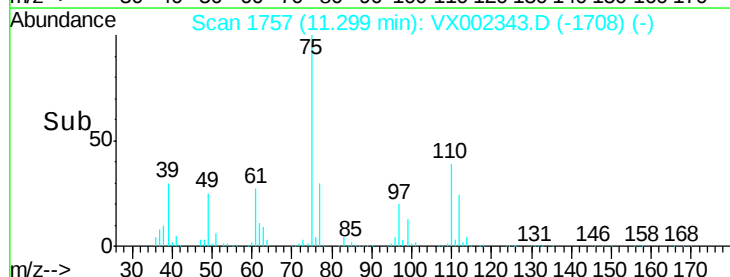
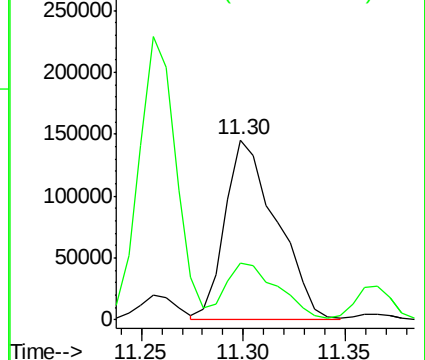
75 100

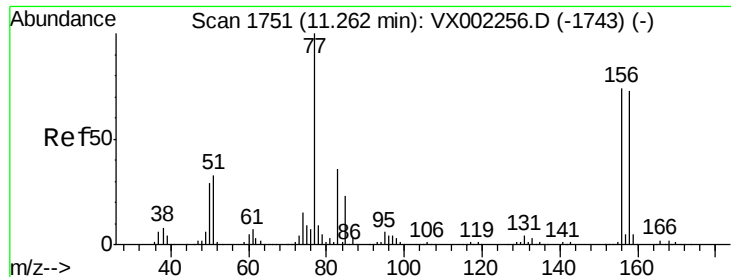
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.47 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

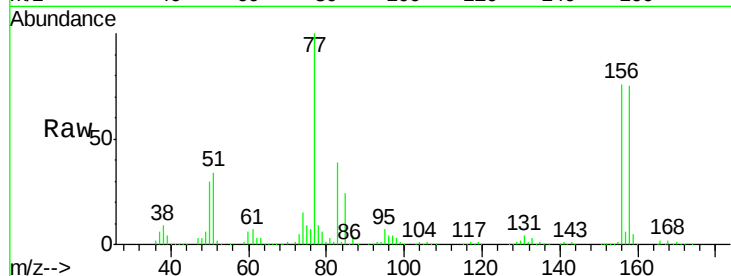
Tot Ion:156 Resp: 204112

Ion Ratio Lower Upper

156 100

77 141.4 71.4 214.2

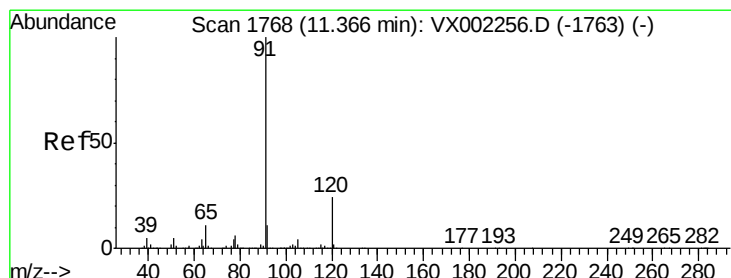
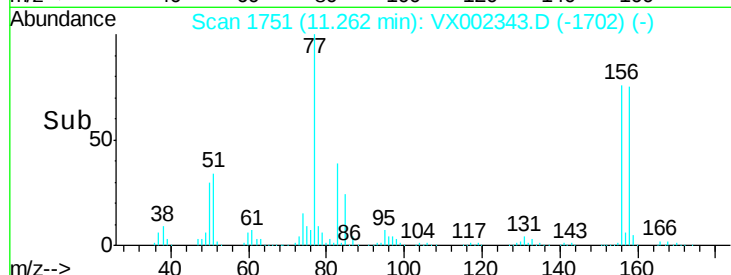
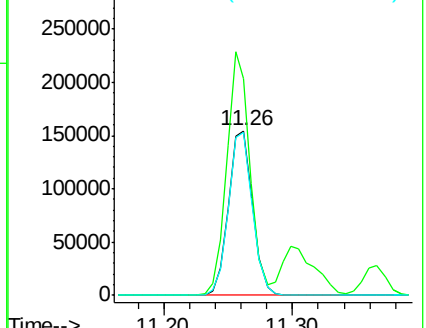
158 98.4 48.9 146.6



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: 49.10 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002343.D

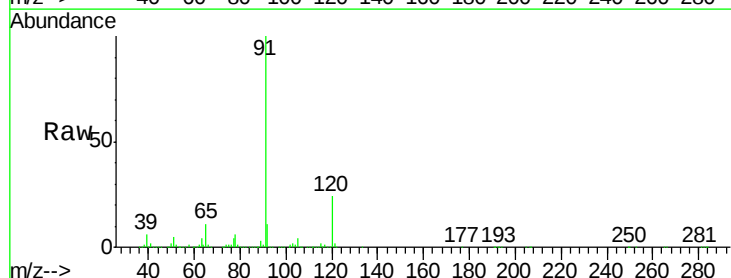
Acq: 06 Jun 2018 10:19

Tgt Ion: 91 Resp: 853776

Ion Ratio Lower Upper

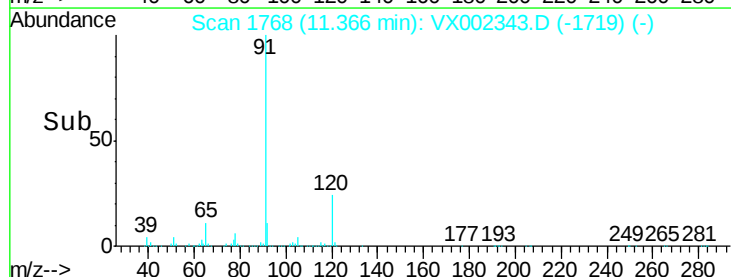
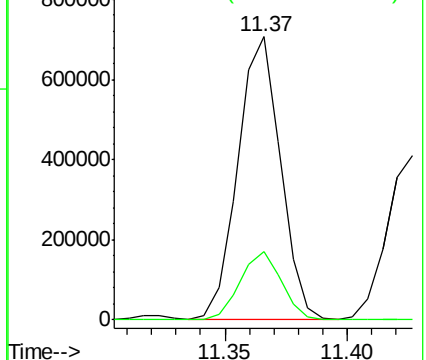
91 100

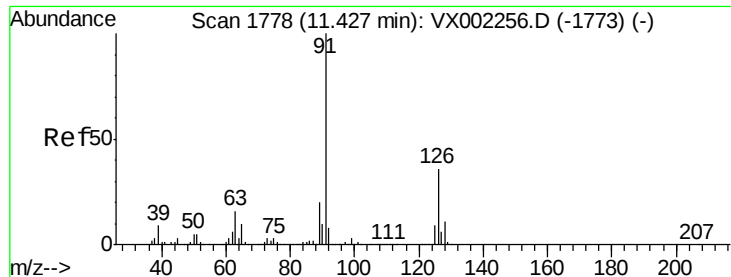
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

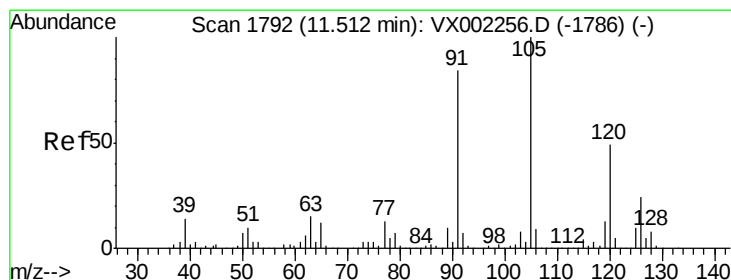
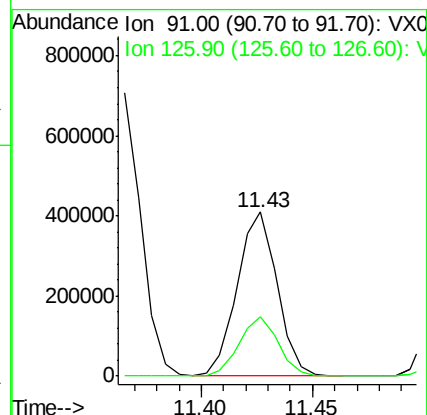
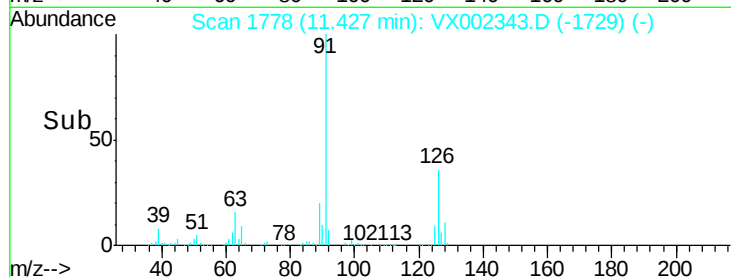
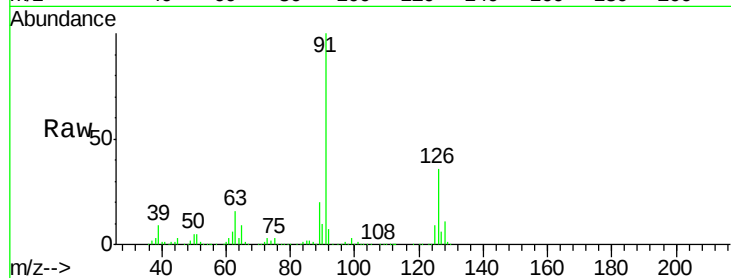
VSTDCCC050

Tot Ion: 91 Resp: 508953

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 48.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002343.D

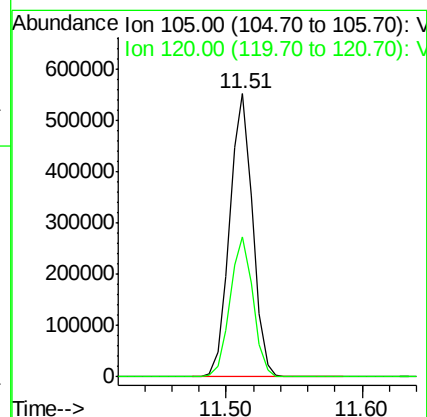
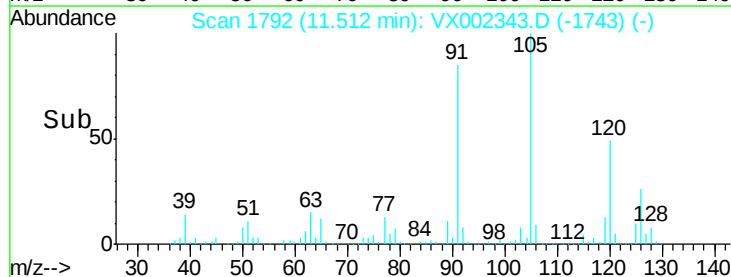
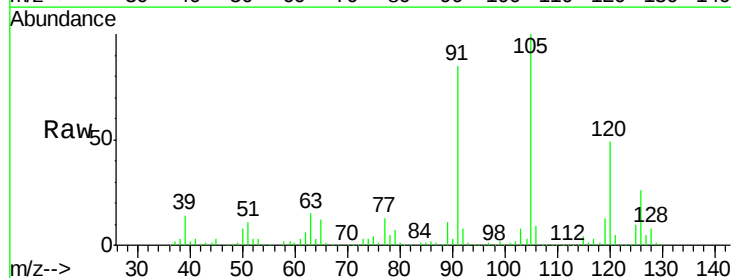
Acq: 06 Jun 2018 10:19

Tgt Ion: 105 Resp: 644534

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.60 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

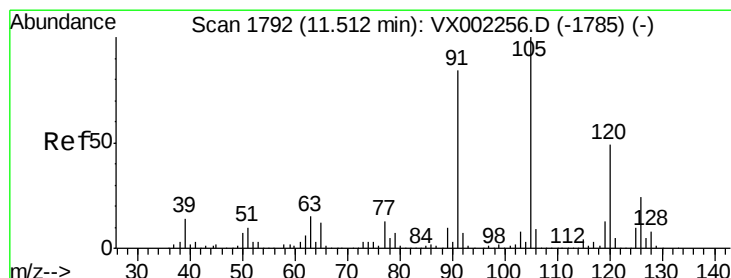
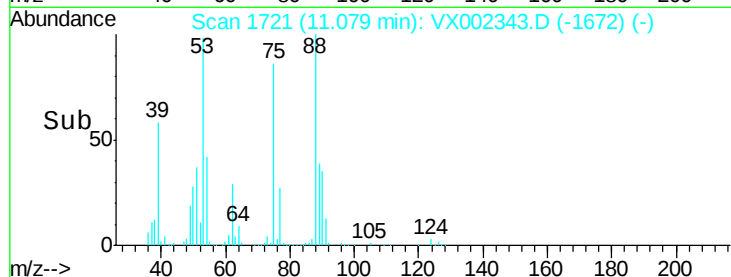
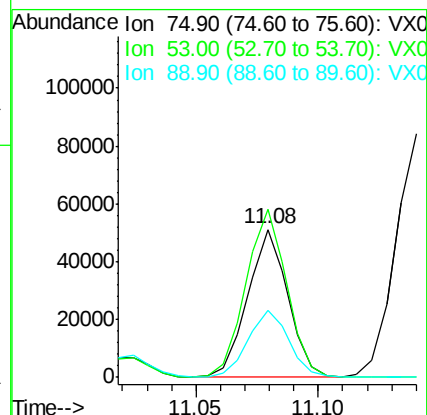
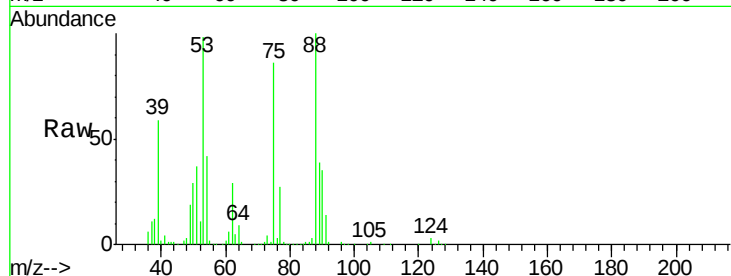
Tot Ion: 75 Resp: 58563

Ion Ratio Lower Upper

75 100

53 115.6 86.8 130.2

89 46.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 48.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002343.D

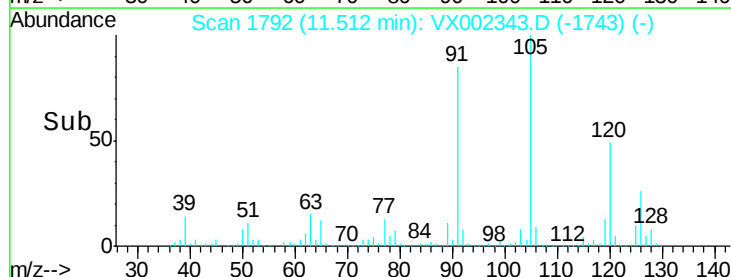
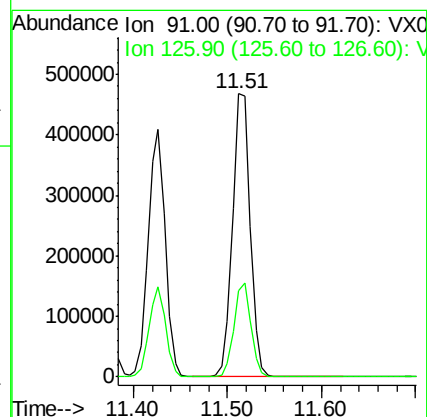
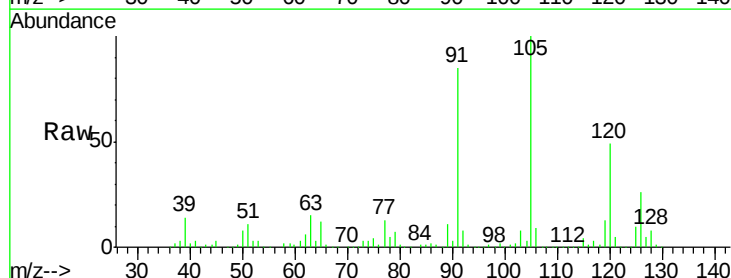
Acq: 06 Jun 2018 10:19

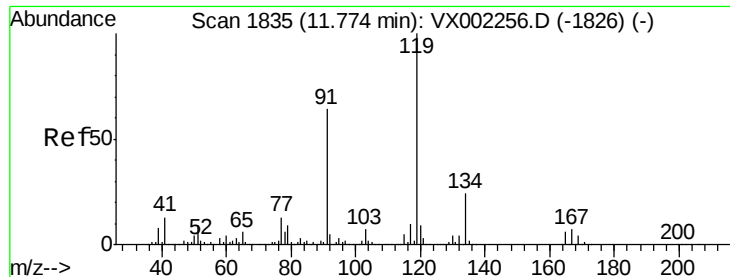
Tgt Ion: 91 Resp: 611738

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4

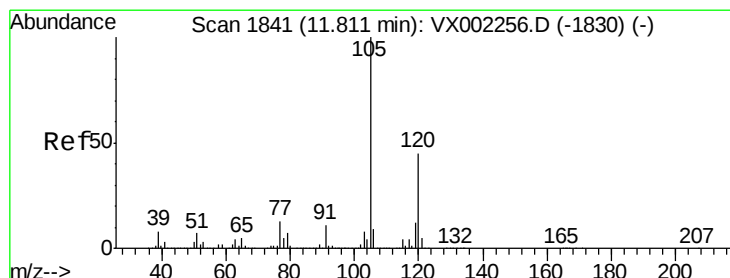
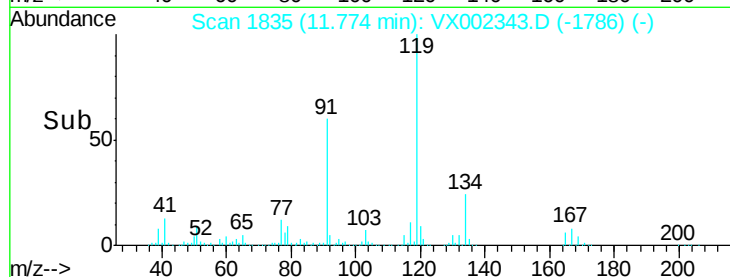
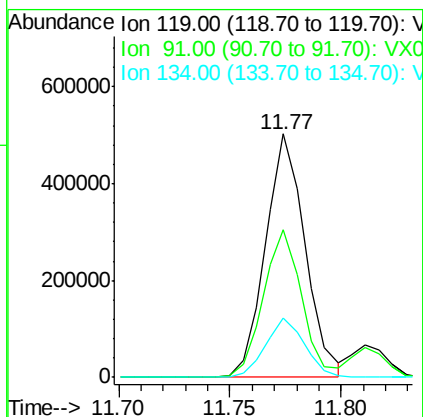
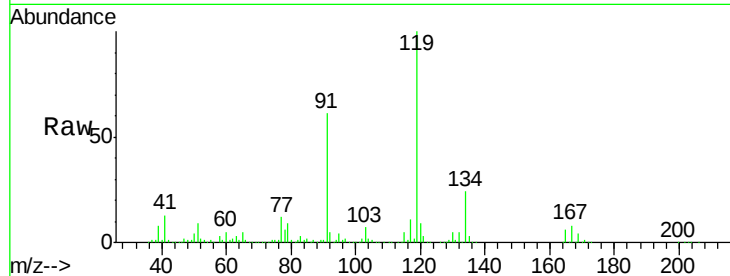




#83
tert-Butylbenzene
Concen: 47.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

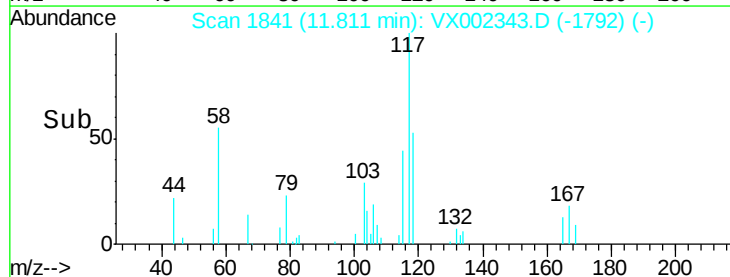
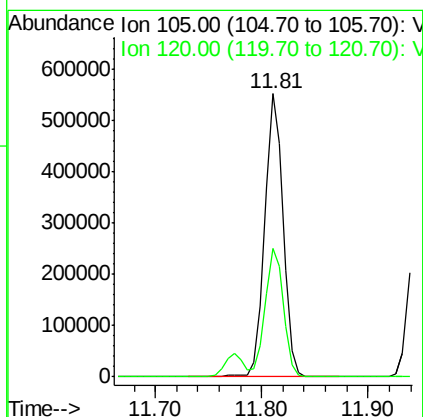
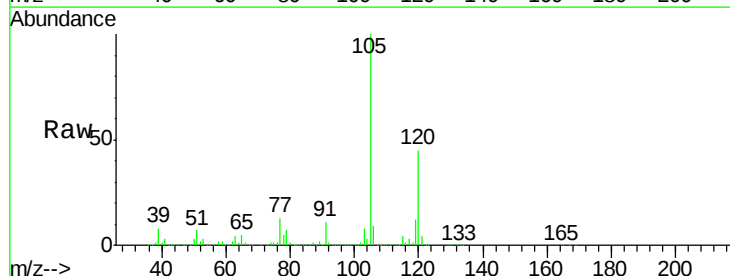
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 620263
Ion Ratio Lower Upper
119 100
91 59.0 30.3 90.9
134 23.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 48.54 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion:105 Resp: 670511
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.88 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

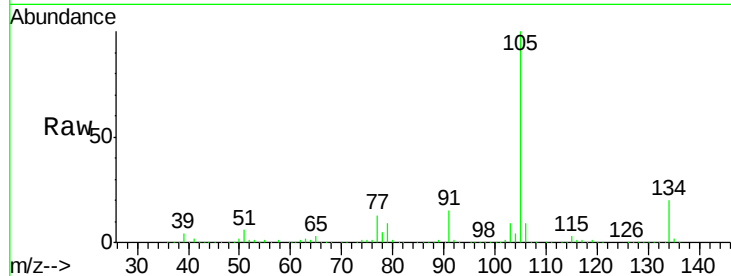
VSTDCCC050

Tot Ion:105 Resp: 764173

Ion Ratio Lower Upper

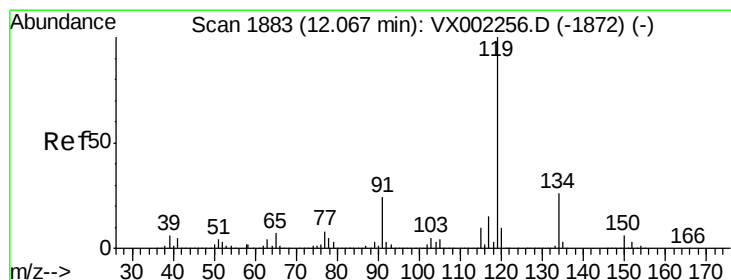
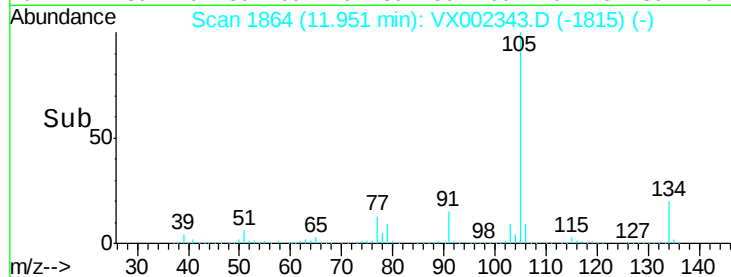
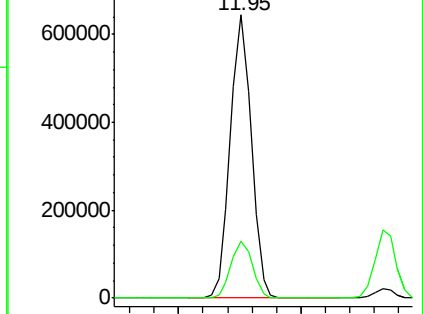
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

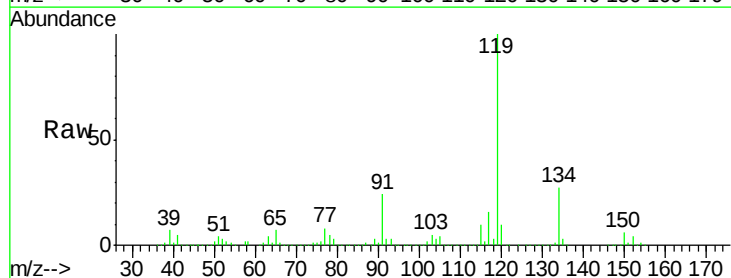
Tgt Ion:119 Resp: 700691

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

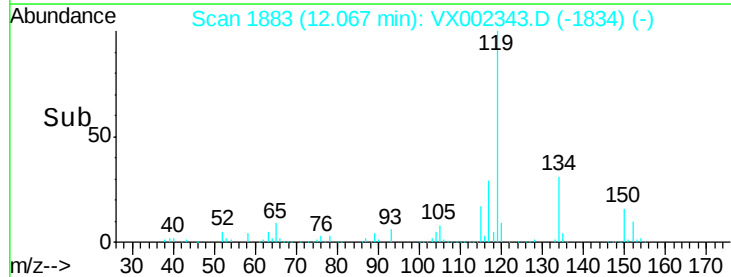
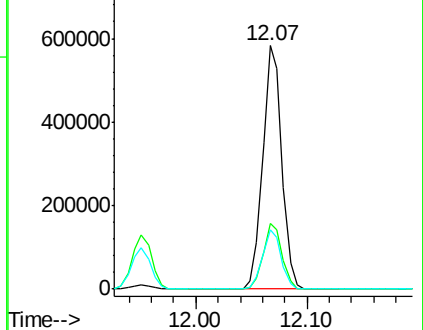
91 23.9 11.9 35.7

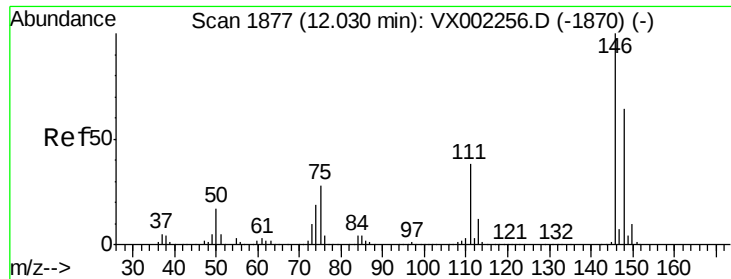


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.73 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

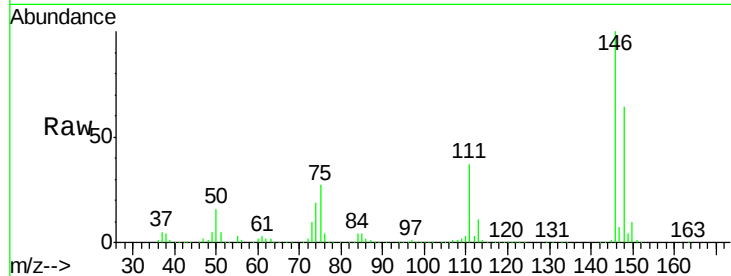
Tot Ion:146 Resp: 382651

Ion Ratio Lower Upper

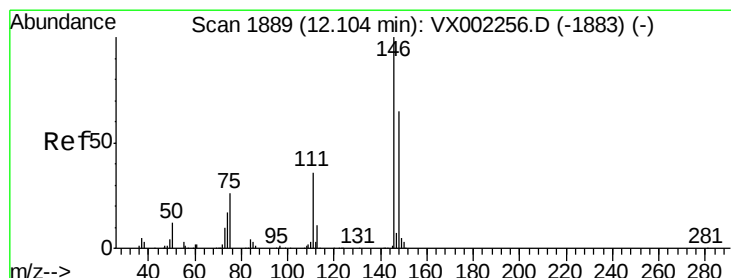
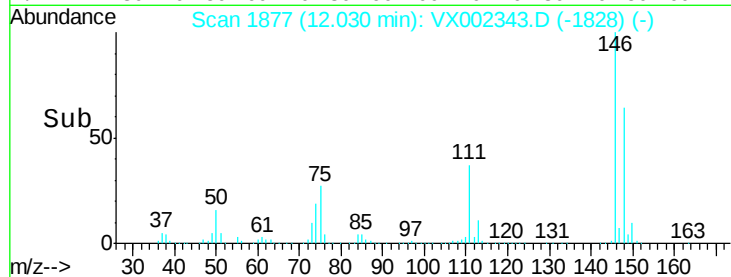
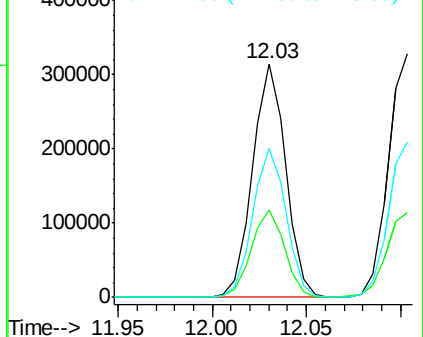
146 100

111 37.4 18.9 56.7

148 64.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 48.40 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

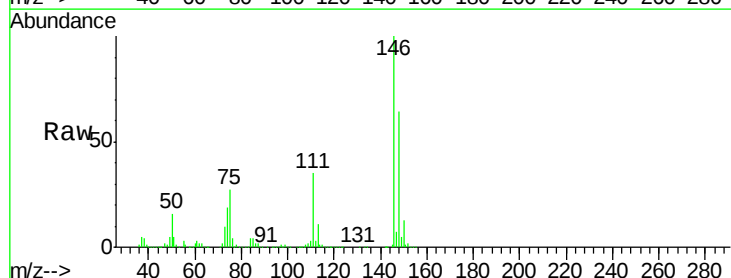
Tgt Ion:146 Resp: 391750

Ion Ratio Lower Upper

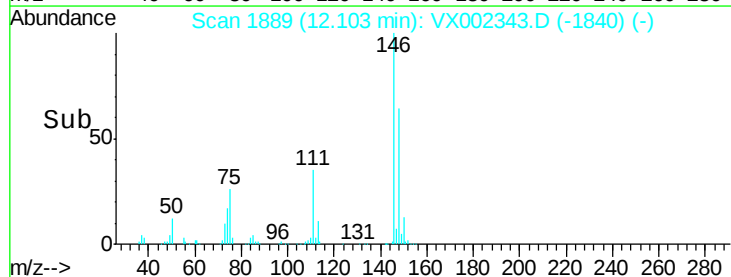
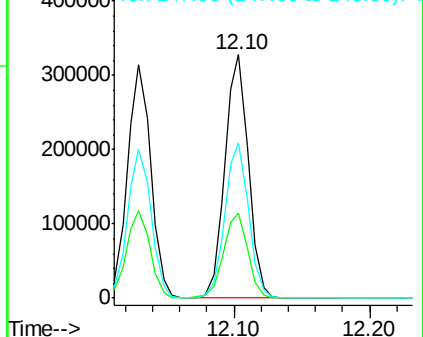
146 100

111 36.0 18.7 56.1

148 63.9 32.4 97.0



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

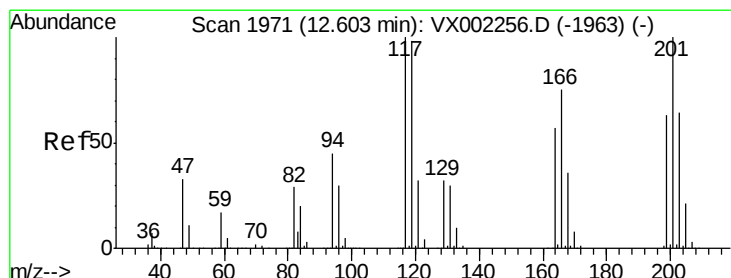
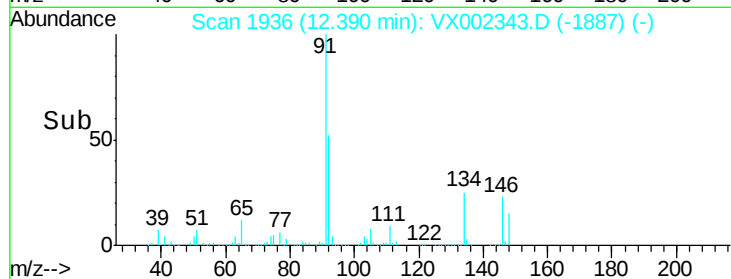
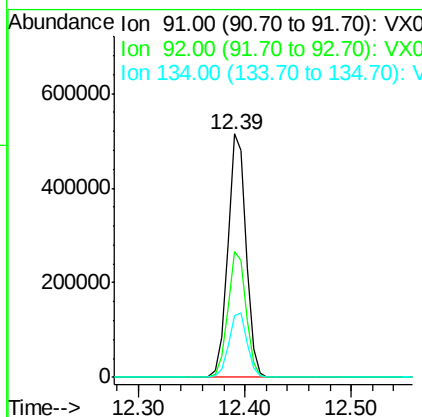
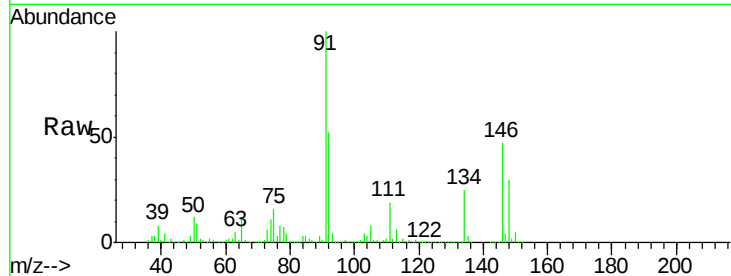




#89
n-Butylbenzene
Concen: 52.55 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

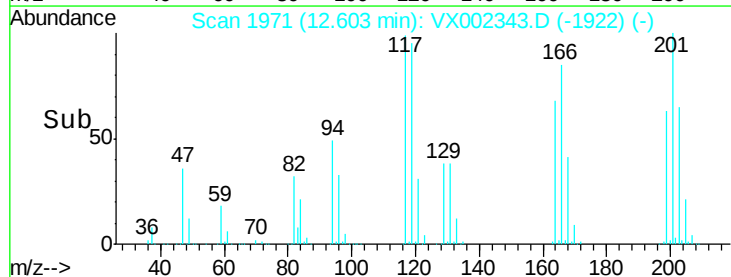
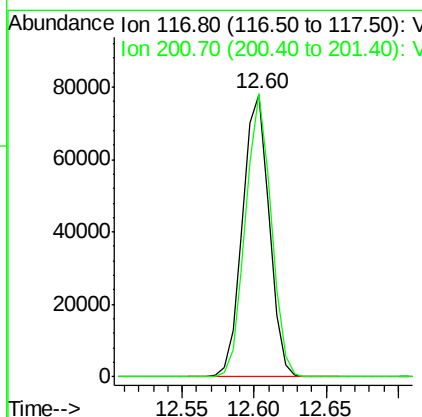
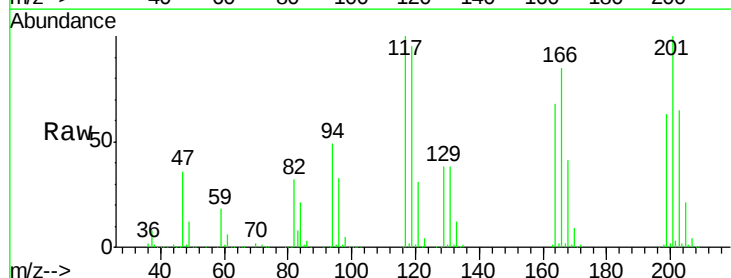
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 614937
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 44.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002343.D
Acq: 06 Jun 2018 10:19

Tgt Ion: 117 Resp: 99867
Ion Ratio Lower Upper
117 100
201 96.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

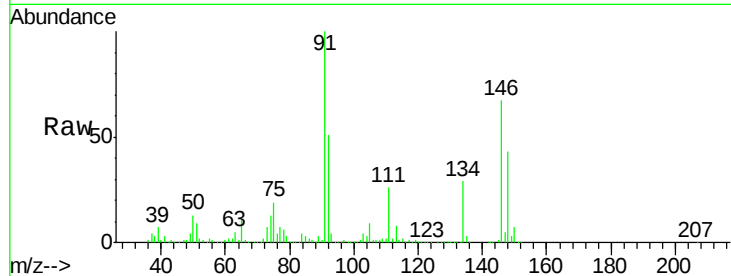
Tot Ion:146 Resp: 389427

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

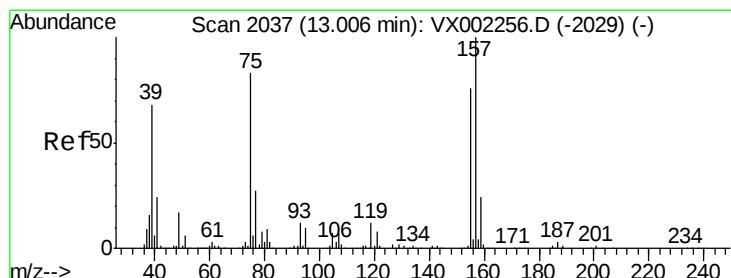
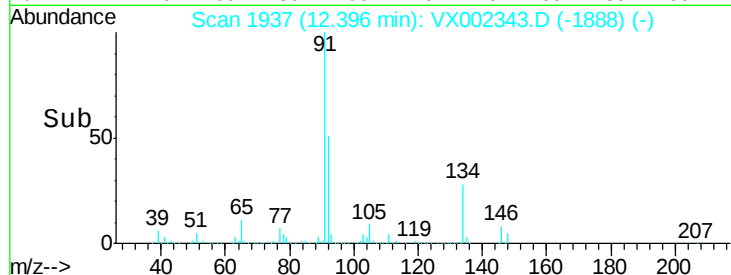
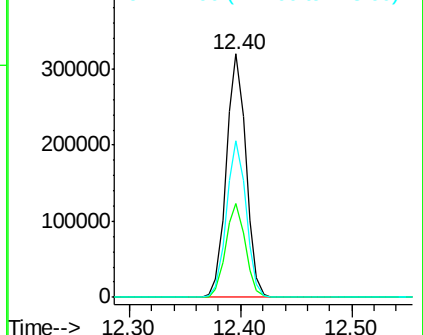
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.65 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

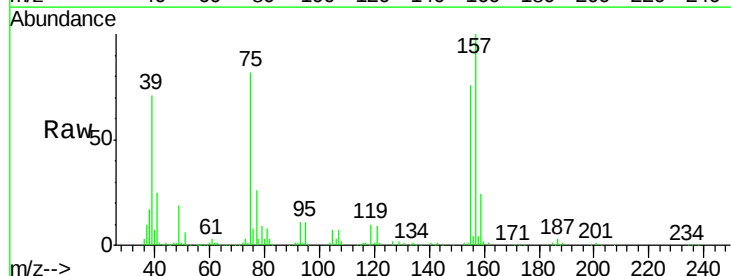
Tgt Ion: 75 Resp: 48043

Ion Ratio Lower Upper

75 100

155 93.2 45.8 137.4

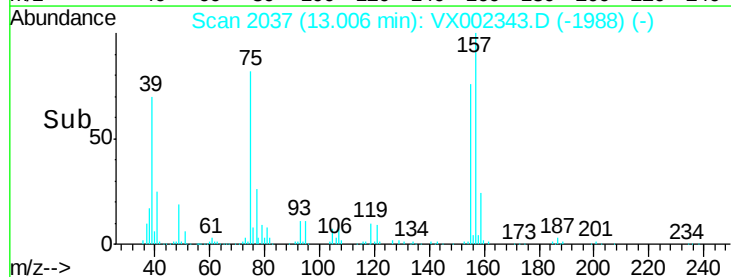
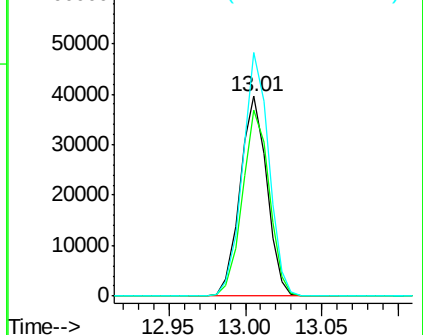
157 119.2 60.1 180.3

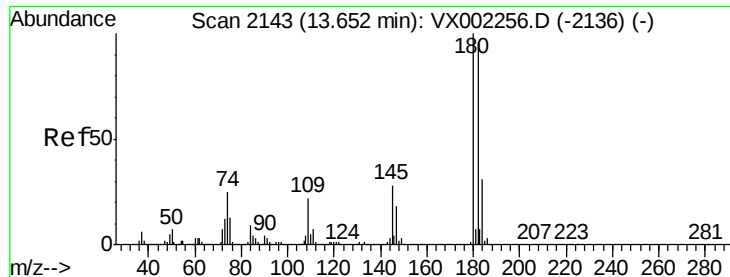


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

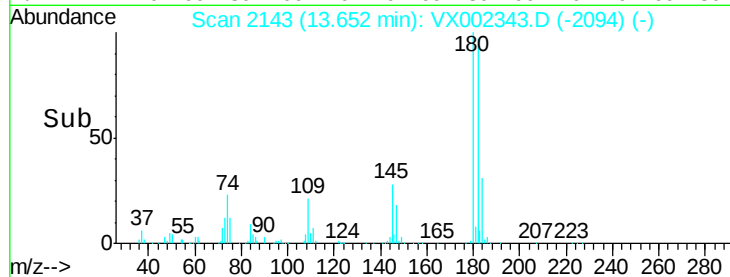
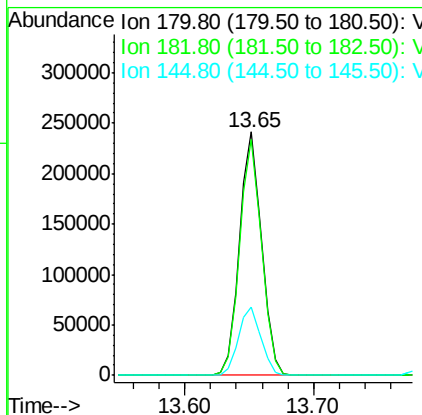
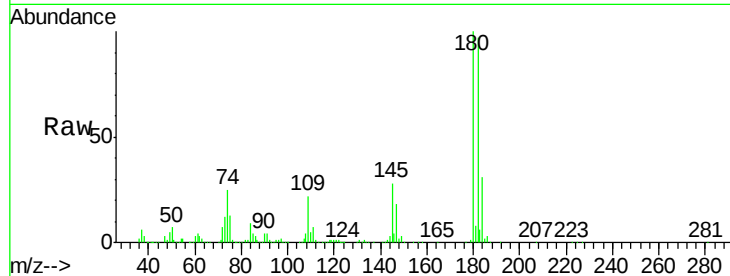




#93
 1,2,4-Trichlorobenzene
 Concen: 50.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

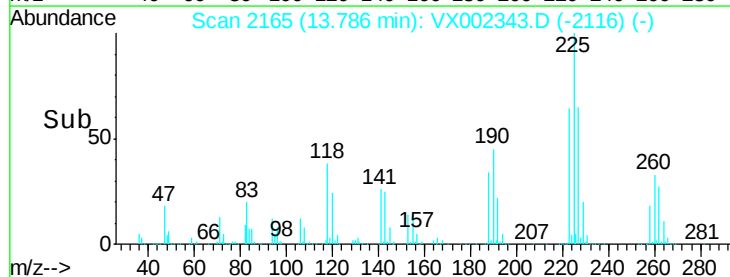
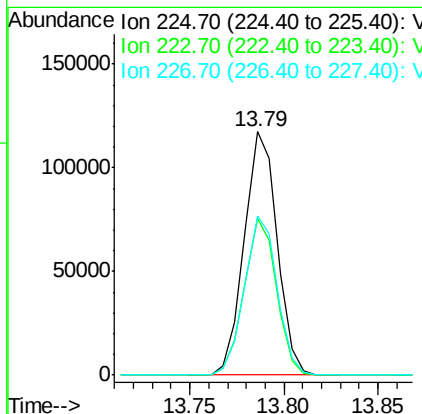
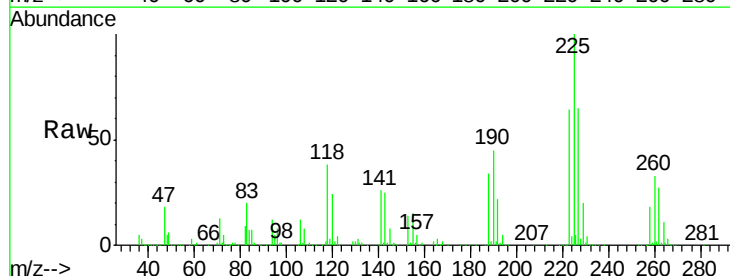
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 285798
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.7 143.1
 145 28.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002343.D
 Acq: 06 Jun 2018 10:19

Tgt Ion:225 Resp: 142722
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 64.5 32.4 97.2





#95

Naphthalene

Concen: 48.58 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

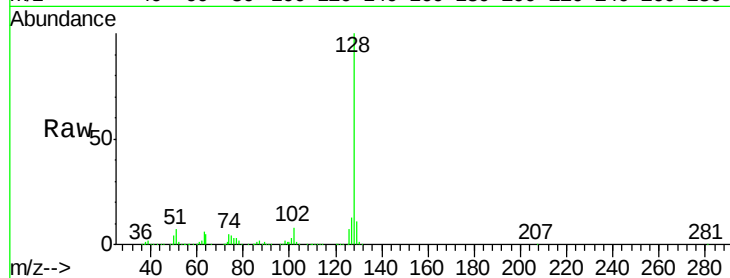
Tot Ion:128 Resp: 795224

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

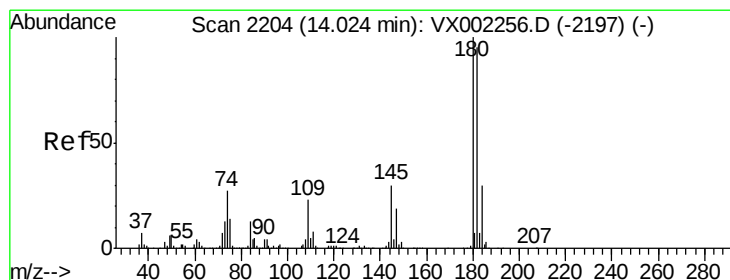
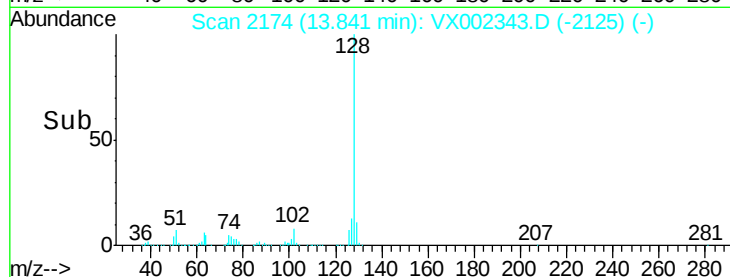
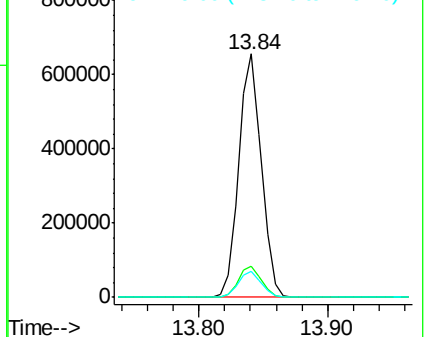
129 10.7 8.6 13.0



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: 50.84 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002343.D

Acq: 06 Jun 2018 10:19

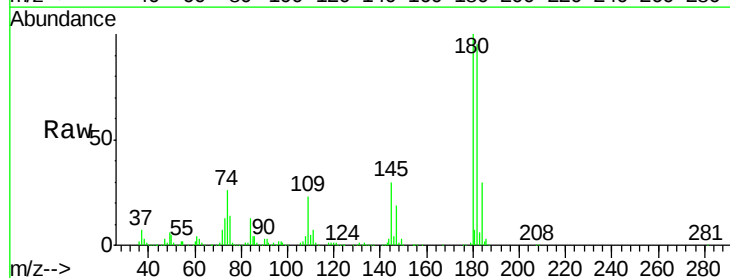
Tgt Ion:180 Resp: 295433

Ion Ratio Lower Upper

180 100

182 94.8 48.0 144.0

145 29.4 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

