

Data File : VX001967.D

Acq On : 25 May 2018 10:07

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 26 00:32:10 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	289081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	262226	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	5.51	113	208103	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.72	98	770207	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	310416	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	193226	47.50	ug/l	99
3) Chloromethane	1.32	50	227621	45.61	ug/l	100
4) Vinyl Chloride	1.41	62	221549	45.98	ug/l	99
5) Bromomethane	1.64	94	129772	58.67	ug/l	99
6) Chloroethane	1.72	64	134423	47.32	ug/l	100
7) Trichlorofluoromethane	1.93	101	354847	49.04	ug/l	99
8) Diethyl Ether	2.19	74	127774	48.66	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	205277	50.84	ug/l	99
10) Methyl Iodide	2.51	142	286036	52.35	ug/l	100
11) Tert butyl alcohol	3.08	59	261754	229.99	ug/l	98
12) 1,1-Dichloroethene	2.37	96	181448	47.99	ug/l	99
13) Acrolein	2.30	56	102885	209.09	ug/l	100
14) Allyl chloride	2.73	41	383258	48.29	ug/l	98
15) Acrylonitrile	3.15	53	535681	228.89	ug/l	99
16) Acetone	2.45	43	560716	250.59	ug/l	99
17) Carbon Disulfide	2.57	76	516602	47.48	ug/l	99
18) Methyl Acetate	2.78	43	265464	49.23	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	681039	47.89	ug/l	100
20) Methylene Chloride	2.86	84	200374	51.78	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	192954	52.50	ug/l	99
22) Diisopropyl ether	3.88	45	702070	43.49	ug/l	98
23) Vinyl Acetate	3.83	43	3111900	232.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	371546	48.45	ug/l	100
25) 2-Butanone	4.71	43	873415	212.97	ug/l	99
26) 2,2-Dichloropropane	4.59	77	354331	45.65	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	221925	45.02	ug/l	95
28) Bromochloromethane	5.03	49	164581	51.12	ug/l	98
29) Tetrahydrofuran	5.17	42	557847	209.07	ug/l	100
30) Chloroform	5.22	83	384838	44.55	ug/l	99
31) Cyclohexane	5.57	56	360652	45.14	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	358691	44.54	ug/l	100
36) 1,1-Dichloropropene	5.80	75	286539	46.84	ug/l	99
37) Ethyl Acetate	4.87	43	342872	43.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	331653	46.50	ug/l	97

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Instrument :
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ClientSampleId :
VSTDCCC050

Quant Time: May 26 00:32:10 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	369803	49.21	ug/l	98
40) Benzene	6.15	78	844318	47.11	ug/l	99
41) Methacrylonitrile	5.07	41	195159	46.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	323897	45.25	ug/l	100
43) Isopropyl Acetate	6.47	43	598864	45.07	ug/l	99
44) Trichloroethene	7.21	130	246346	47.17	ug/l	99
45) 1,2-Dichloropropane	7.52	63	230638	47.39	ug/l	99
46) Dibromomethane	7.67	93	150280	46.64	ug/l	99
47) Bromodichloromethane	7.90	83	316411	46.06	ug/l	99
48) Methyl methacrylate	7.78	41	301504	44.58	ug/l	99
49) 1,4-Dioxane	7.76	88	106025	889.68	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1789918	223.46	ug/l	100
52) Toluene	8.79	92	538041	47.18	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	377218	47.67	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	365526	47.41	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	219099	45.99	ug/l	99
56) Ethyl methacrylate	9.18	69	369801	45.13	ug/l	100
57) 1,3-Dichloropropane	9.38	76	367004	46.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	875191	240.96	ug/l	100
59) 2-Hexanone	9.50	43	1394777	225.83	ug/l	100
60) Dibromochloromethane	9.59	129	268927	47.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	235606	47.13	ug/l	99
64) Tetrachloroethene	9.34	164	282819	48.47	ug/l	98
65) Chlorobenzene	10.14	112	617799	47.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	243327	46.73	ug/l	100
67) Ethyl Benzene	10.26	91	1081896	48.29	ug/l	100
68) m/p-Xylenes	10.37	106	837416	97.78	ug/l	99
69) o-Xylene	10.70	106	410738	48.03	ug/l	99
70) Styrene	10.72	104	685830	48.36	ug/l	100
71) Bromoform	10.86	173	234687	47.53	ug/l #	100
73) Isopropylbenzene	11.02	105	1119331	45.73	ug/l	99
74) N-amyl acetate	6.47	43	598864	46.97	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	314090	46.83	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	426730	61.46	ug/l	80
77) Bromobenzene	11.26	156	296471	45.65	ug/l	97
78) n-propylbenzene	11.37	91	1280479	46.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	756780	50.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	965195	46.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	122311	42.34	ug/l	97
82) 4-Chlorotoluene	11.52	91	898800	46.48	ug/l	100
83) tert-Butylbenzene	11.77	119	933479	45.47	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	988393	45.72	ug/l	99
85) sec-Butylbenzene	11.95	105	1155588	46.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	1058153	47.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	548104	47.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	550436	47.33	ug/l	99
89) n-Butylbenzene	12.39	91	926987	49.54	ug/l	99
90) Hexachloroethane	12.60	117	199292	45.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	548368	46.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	89214	40.99	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VSTDCCC050

Quant Time: May 26 00:32:10 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

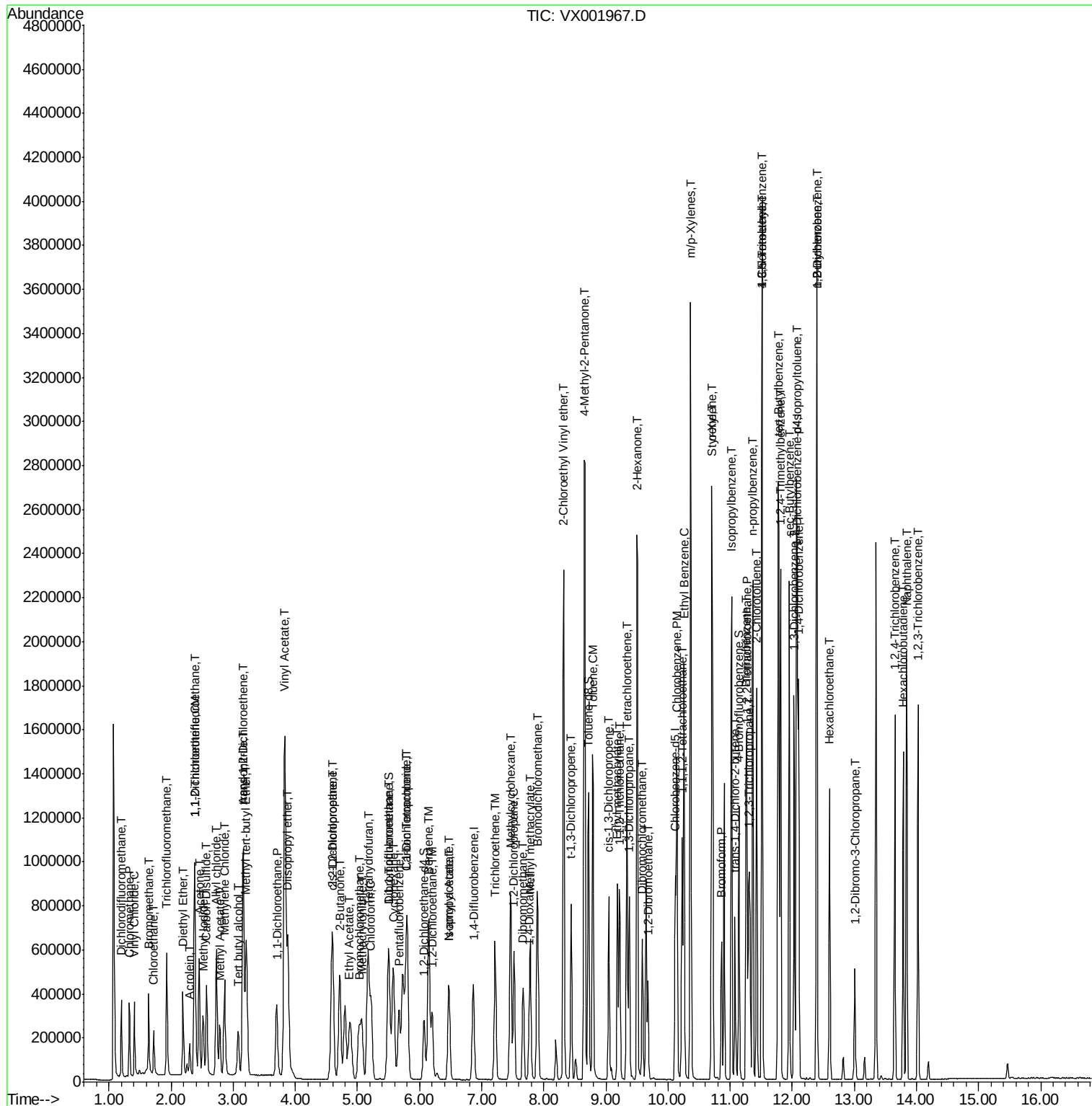
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	417621	49.28	ug/l	100
94) Hexachlorobutadiene	13.79	225	224727	49.30	ug/l	100
95) Naphthalene	13.84	128	1181518	45.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	418915	47.77	ug/l	99

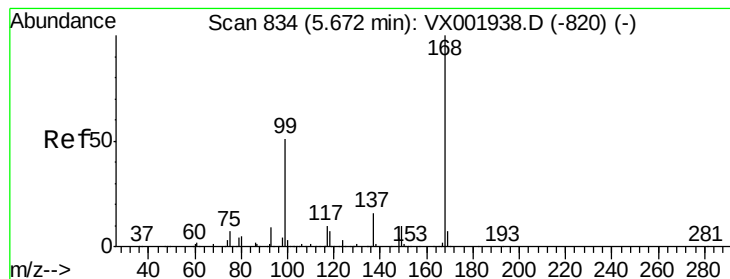
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

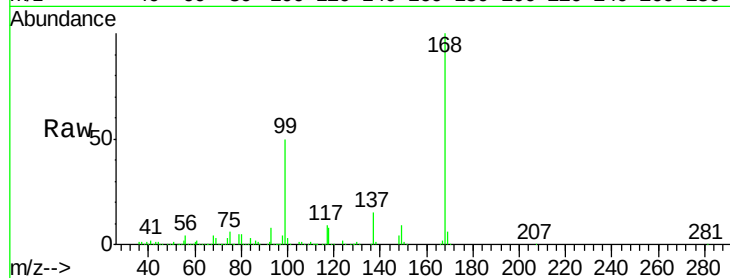
VSTDCCC050

Tgt Ion:168 Resp: 324360

Ion Ratio Lower Upper

168 100

99 49.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

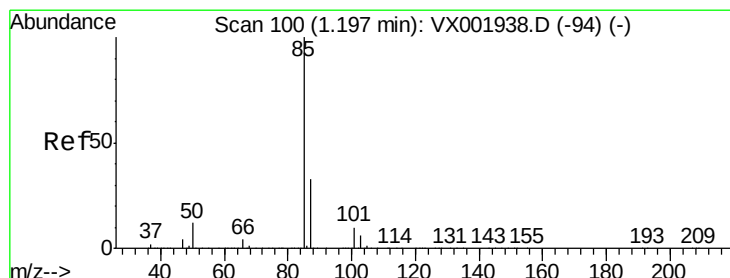
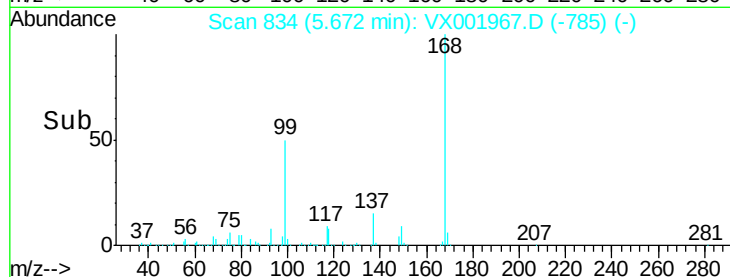
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.50 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001967.D

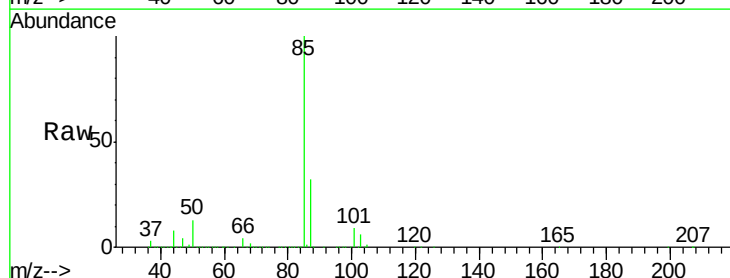
Acq: 25 May 2018 10:07

Tgt Ion: 85 Resp: 193226

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

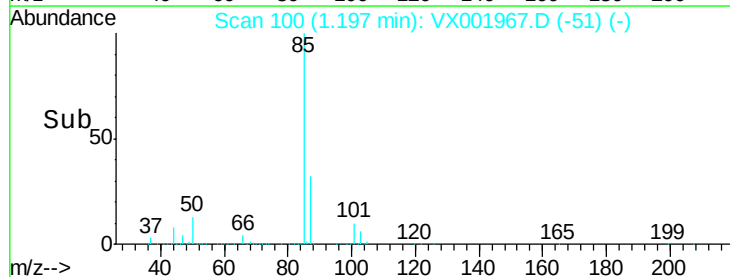
150000

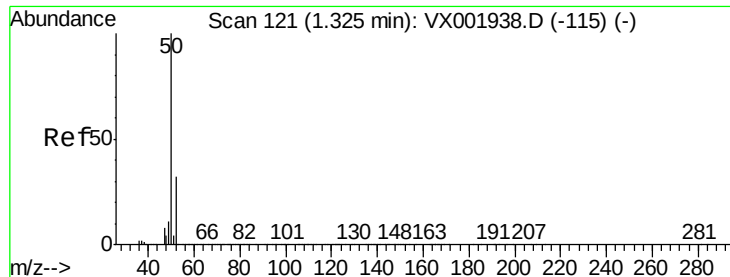
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 45.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

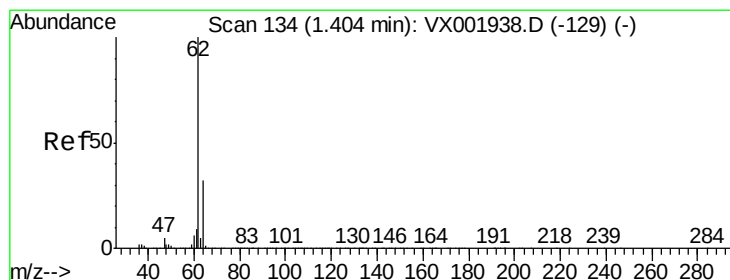
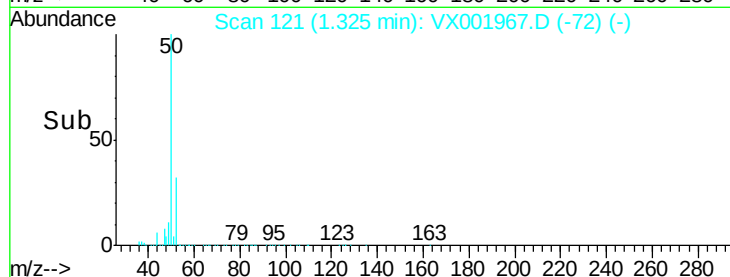
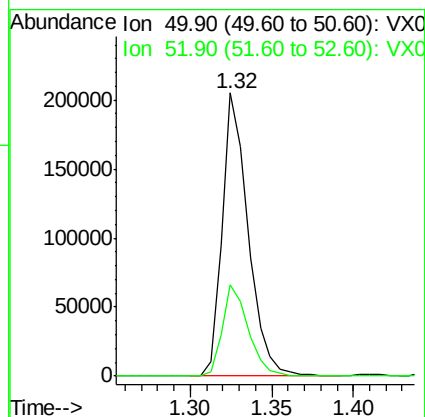
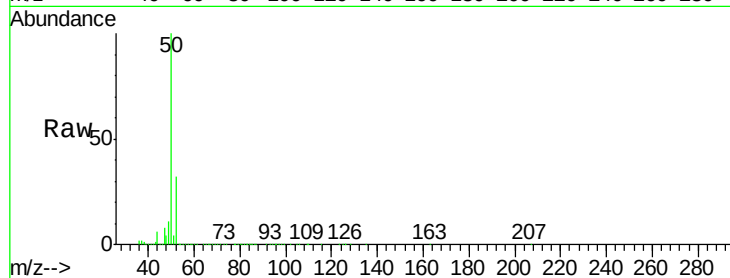
VSTDCCC050

Tgt Ion: 50 Resp: 227621

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 45.98 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001967.D

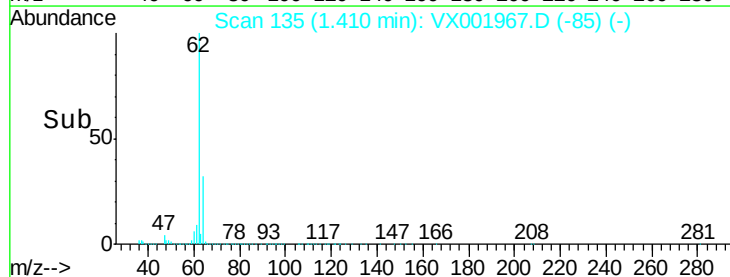
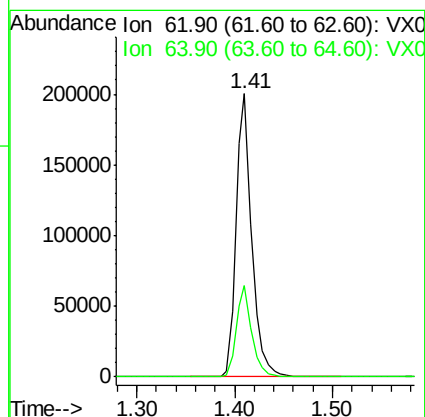
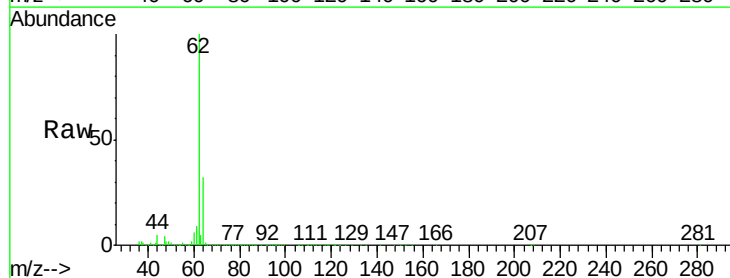
Acq: 25 May 2018 10:07

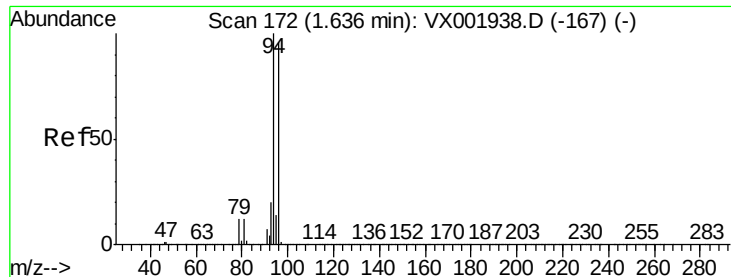
Tgt Ion: 62 Resp: 221549

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 58.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

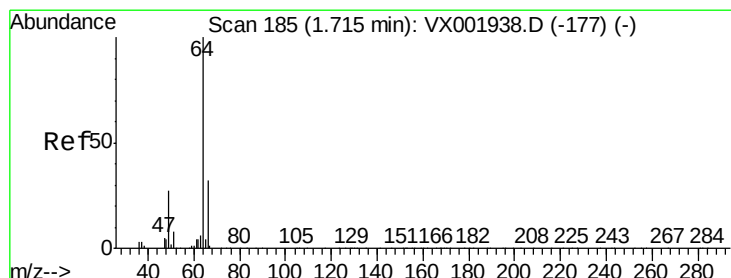
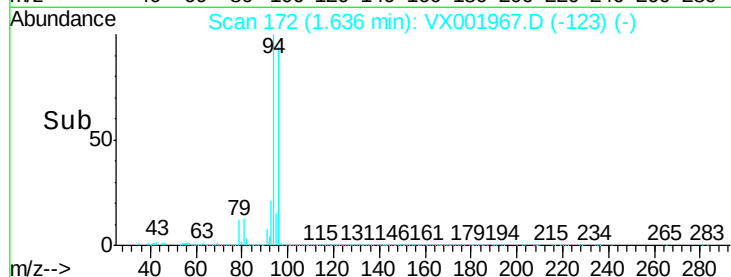
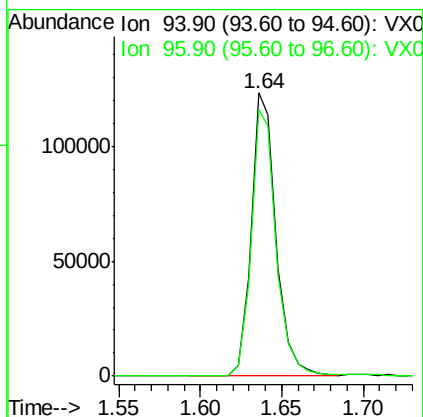
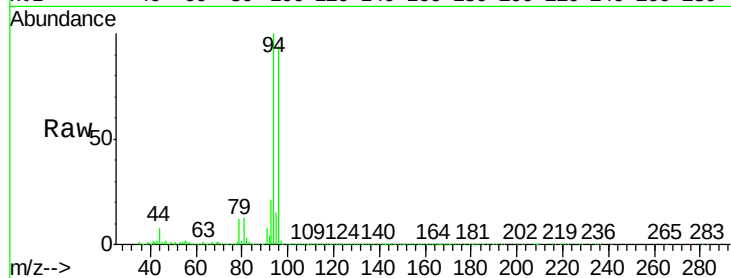
VSTDCCC050

Tgt Ion: 94 Resp: 129772

Ion Ratio Lower Upper

94 100

96 94.0 75.9 113.9



#6

Chloroethane

Concen: 47.32 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001967.D

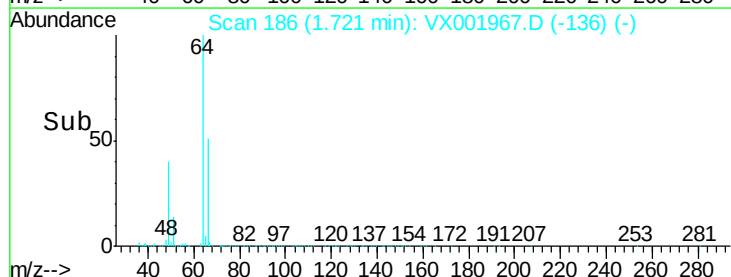
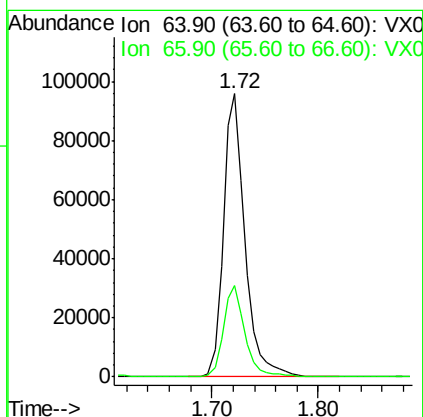
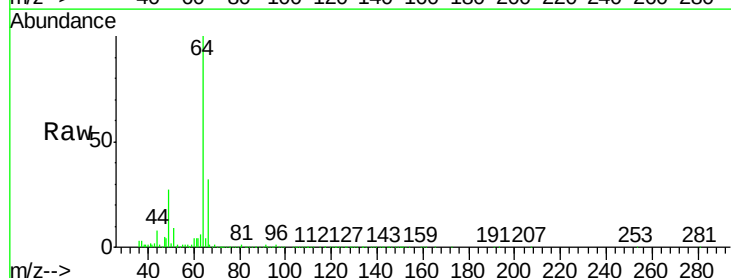
Acq: 25 May 2018 10:07

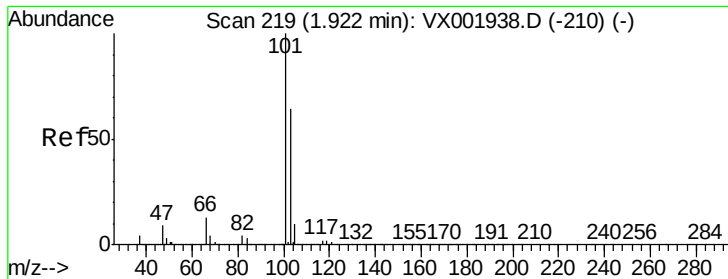
Tgt Ion: 64 Resp: 134423

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



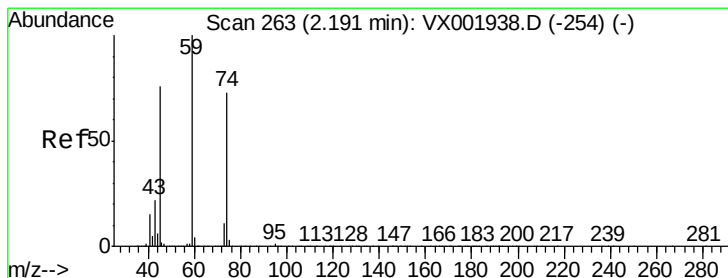
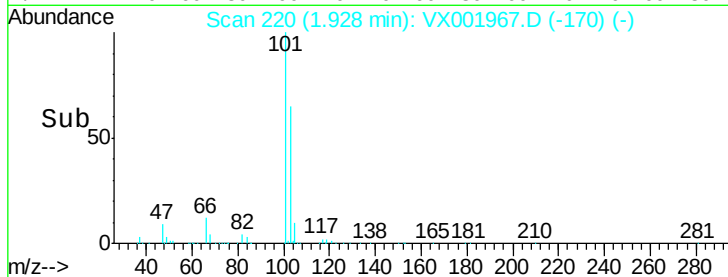
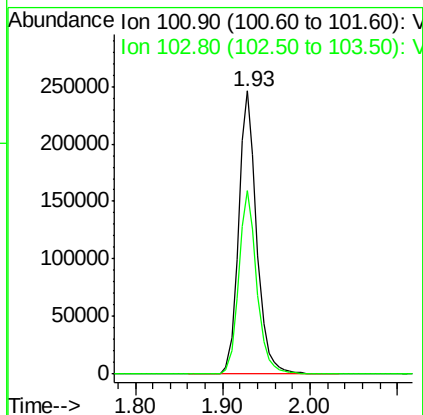
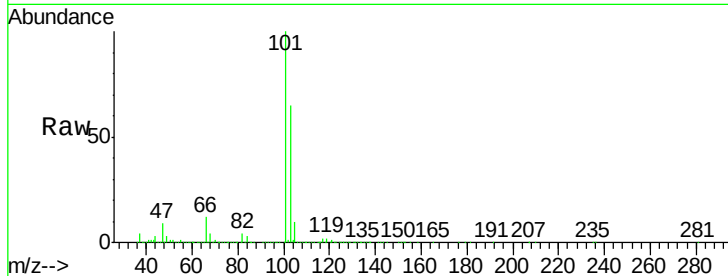


#7

Trichlorofluoromethane
 Concen: 49.04 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

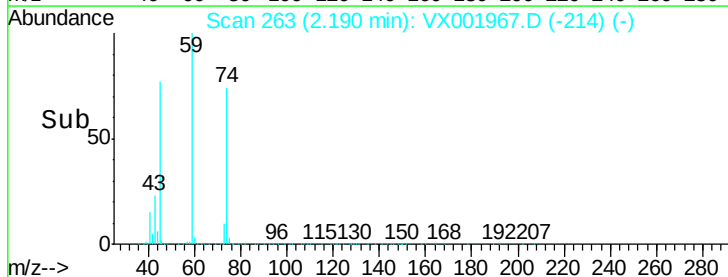
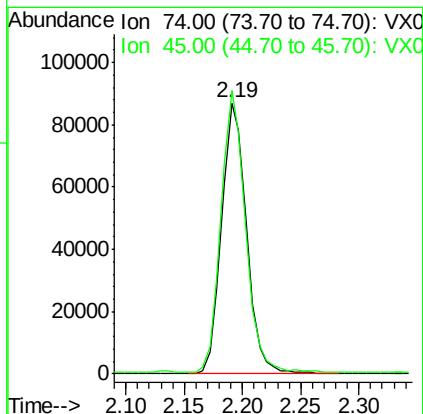
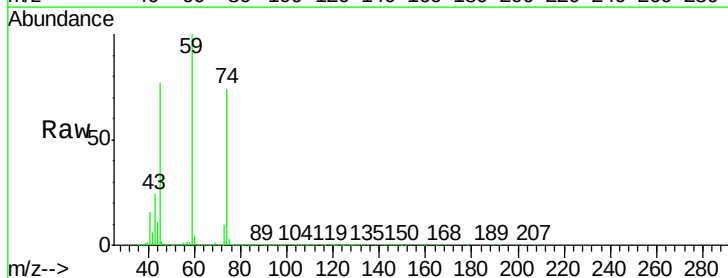
Tgt Ion:101 Resp: 354847
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

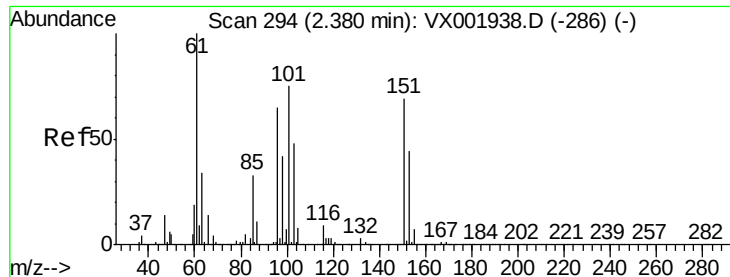


#8

Diethyl Ether
 Concen: 48.66 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion: 74 Resp: 127774
 Ion Ratio Lower Upper
 74 100
 45 102.9 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

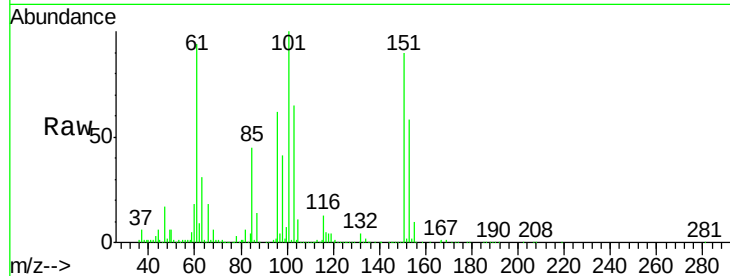
Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

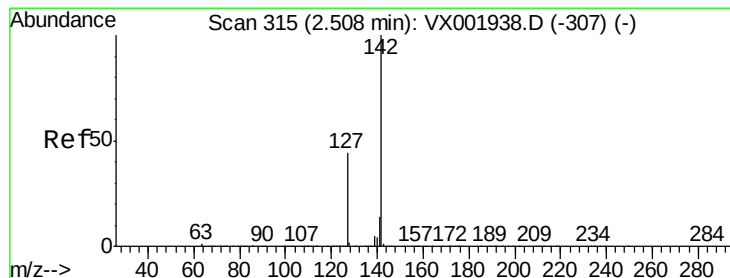
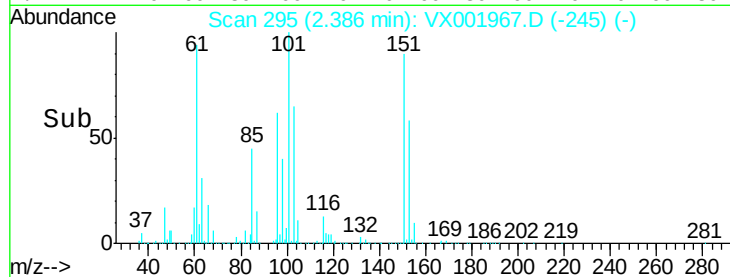
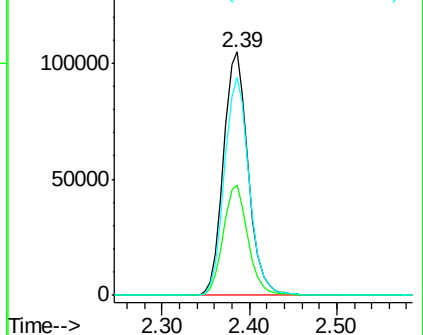
Tgt Ion:	101	Resp:	205277
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.6	53.4
151	89.8	73.2	109.8



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: 52.35 ug/l

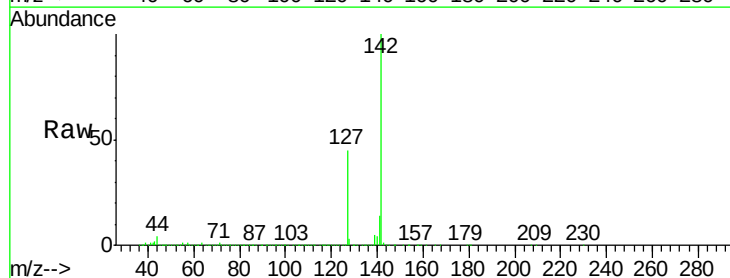
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

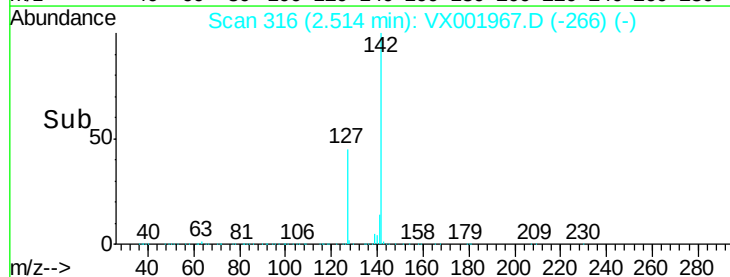
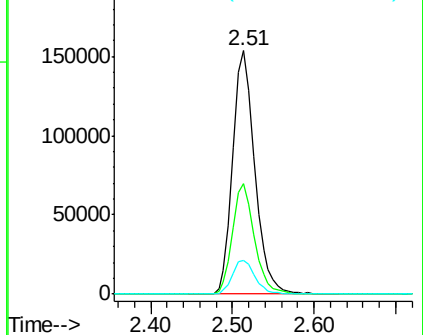
Tgt Ion:	142	Resp:	286036
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.5	53.3
141	14.3	11.3	16.9

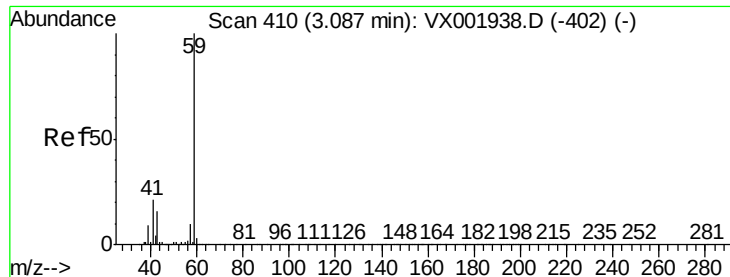


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 229.99 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

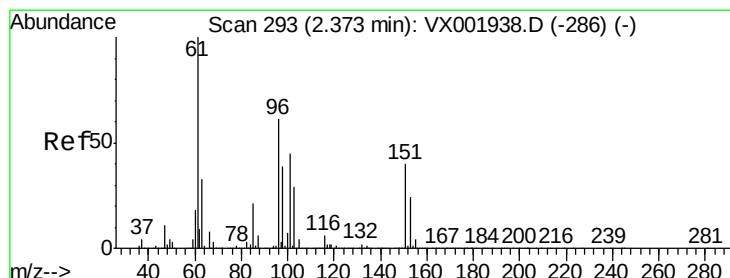
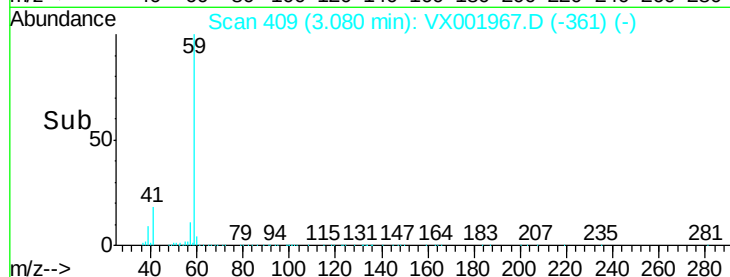
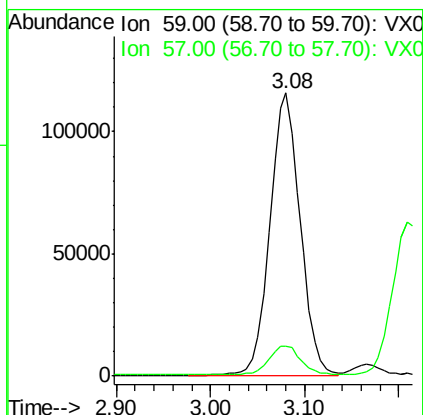
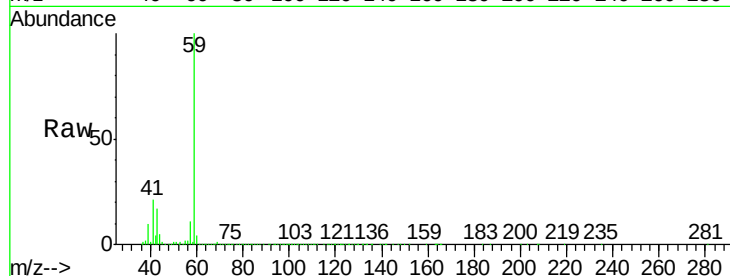
VSTDCCC050

Tgt Ion: 59 Resp: 261754

Ion Ratio Lower Upper

59 100

57 10.5 8.9 13.3



#12

1,1-Dichloroethene

Concen: 47.99 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

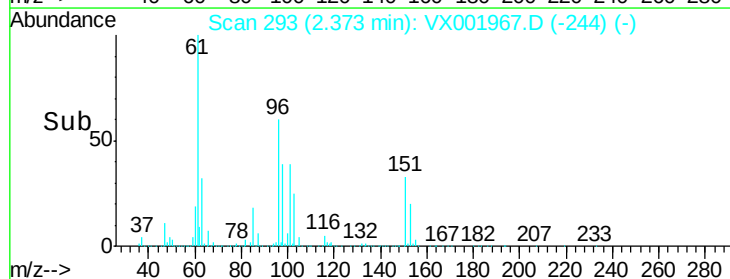
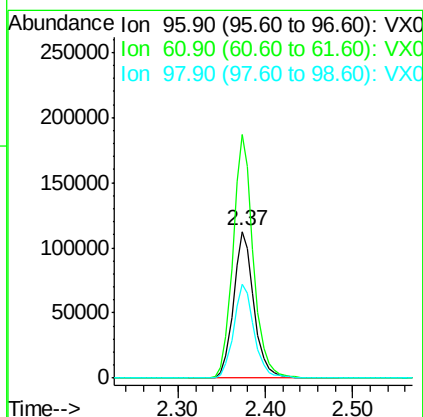
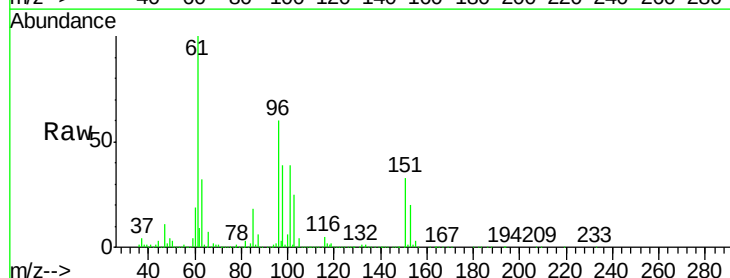
Tgt Ion: 96 Resp: 181448

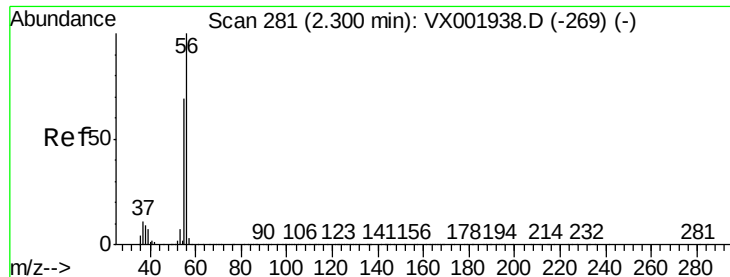
Ion Ratio Lower Upper

96 100

61 165.9 131.7 197.5

98 64.2 51.6 77.4





#13

Acrolein

Concen: 209.09 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

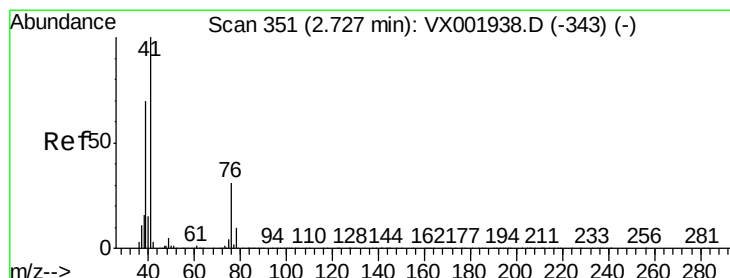
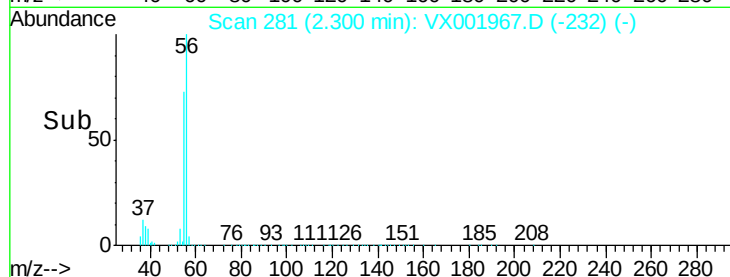
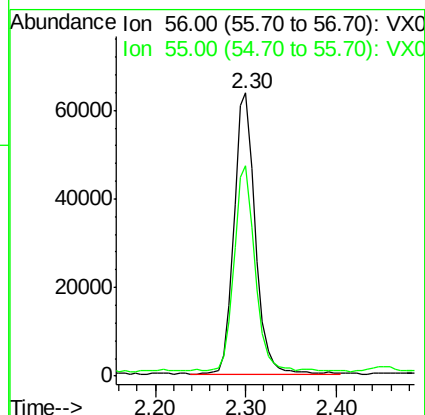
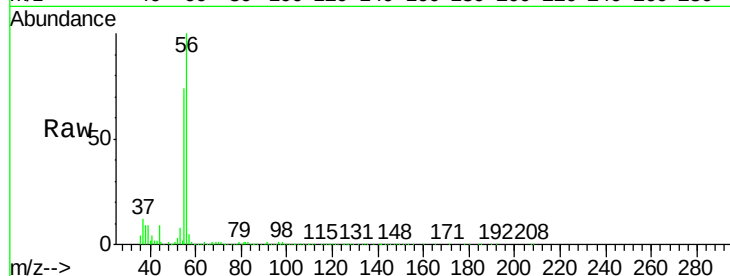
VSTDCCC050

Tgt Ion: 56 Resp: 102885

Ion Ratio Lower Upper

56 100

55 71.1 56.8 85.2



#14

Allyl chloride

Concen: 48.29 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

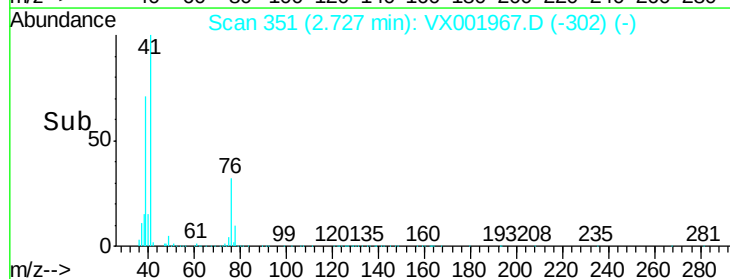
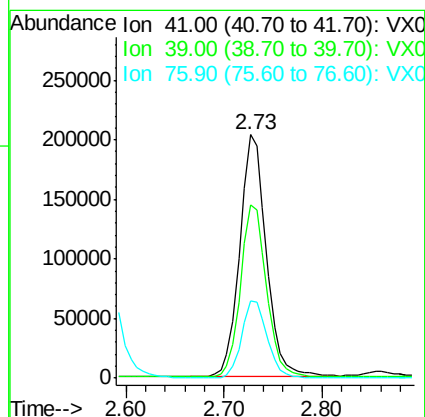
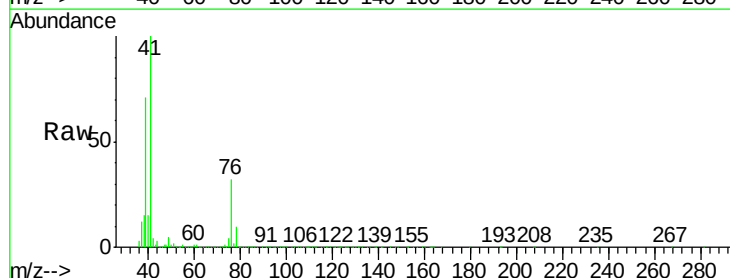
Tgt Ion: 41 Resp: 383258

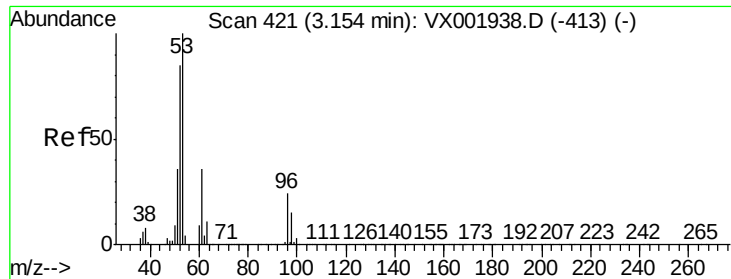
Ion Ratio Lower Upper

41 100

39 69.3 54.3 81.5

76 30.9 24.2 36.4





#15

Acrylonitrile

Concen: 228.89 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

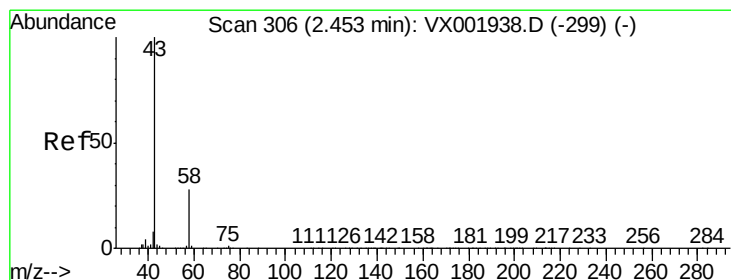
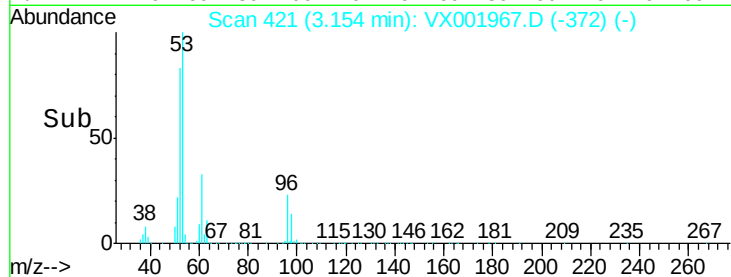
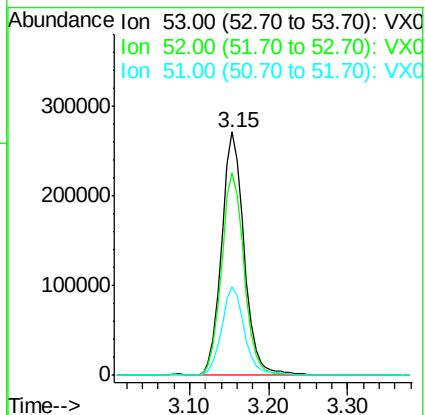
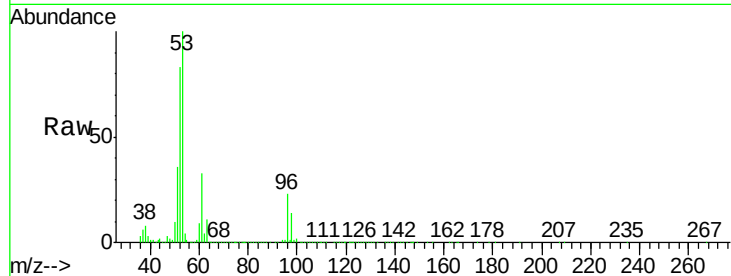
Tgt Ion: 53 Resp: 535681

Ion Ratio Lower Upper

53 100

52 83.6 66.4 99.6

51 37.0 29.3 43.9



#16

Acetone

Concen: 250.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001967.D

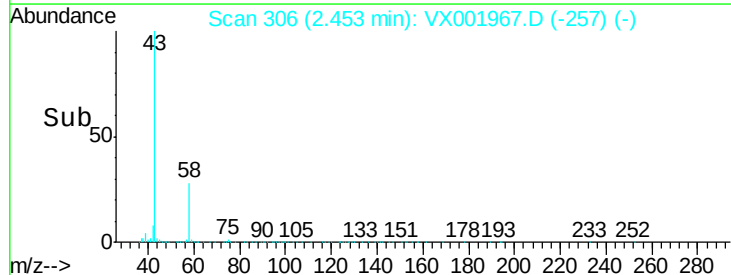
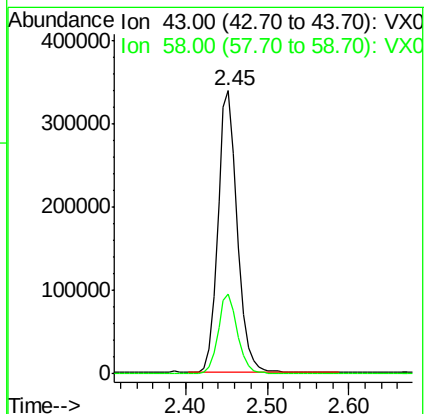
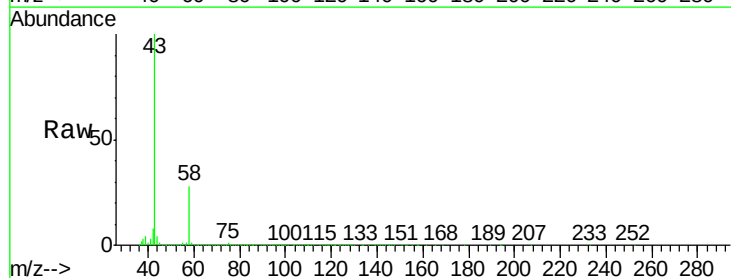
Acq: 25 May 2018 10:07

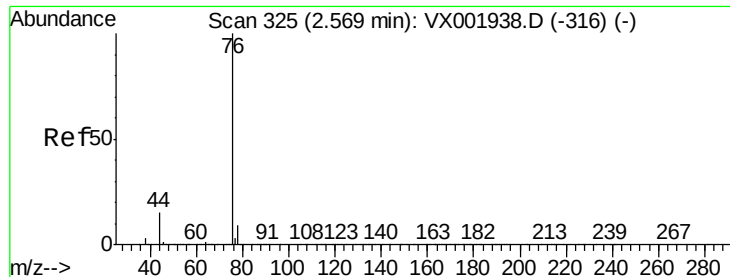
Tgt Ion: 43 Resp: 560716

Ion Ratio Lower Upper

43 100

58 28.4 22.3 33.5





#17

Carbon Disulfide

Concen: 47.48 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

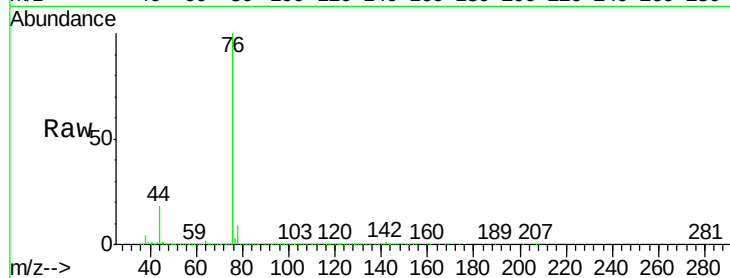
VSTDCCC050

Tgt Ion: 76 Resp: 516602

Ion Ratio Lower Upper

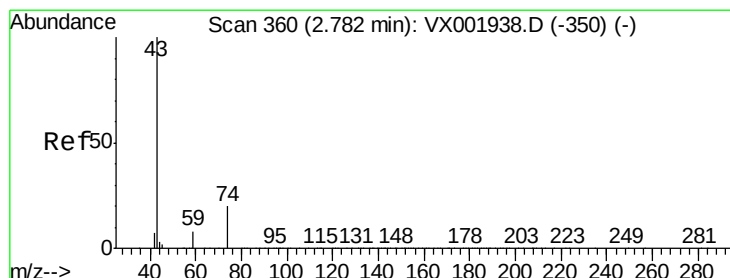
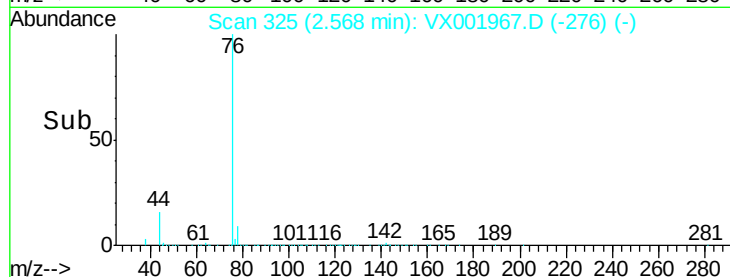
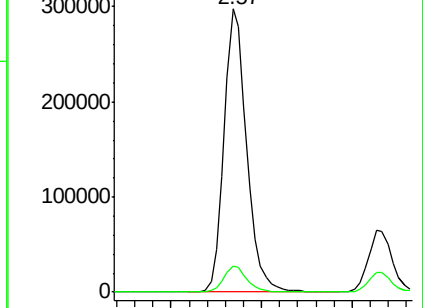
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.23 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001967.D

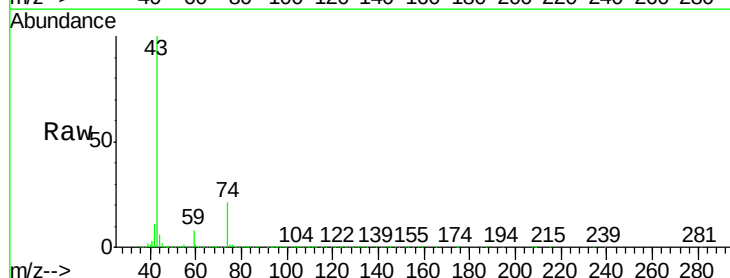
Acq: 25 May 2018 10:07

Tgt Ion: 43 Resp: 265464

Ion Ratio Lower Upper

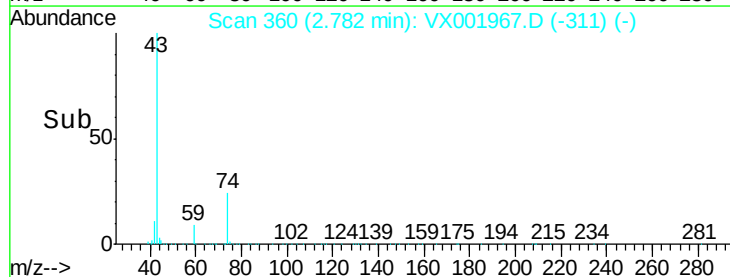
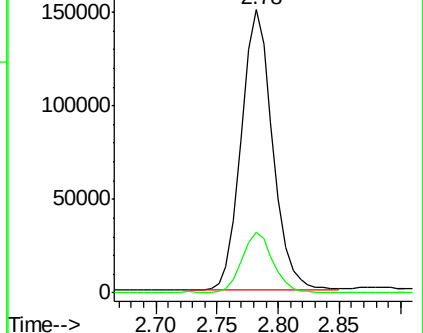
43 100

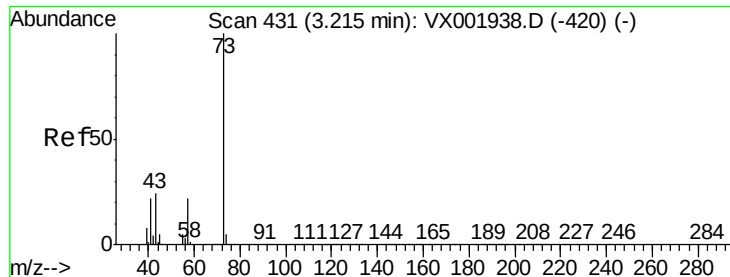
74 22.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

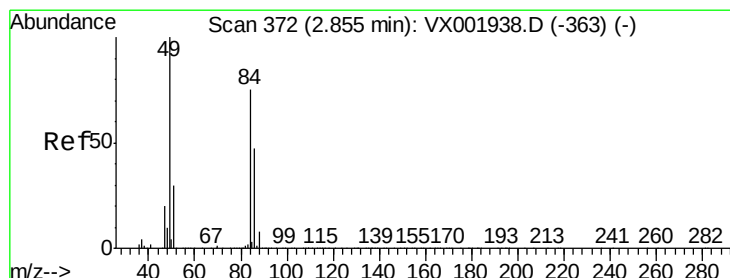
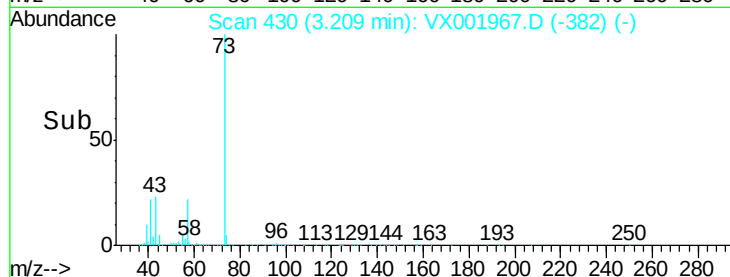
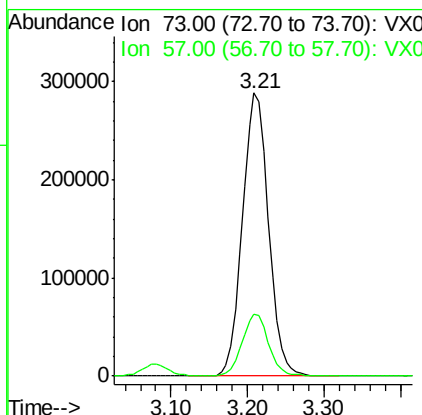
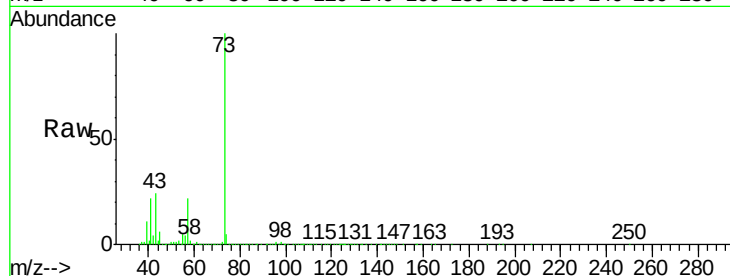




#19
Methyl tert-butyl Ether
Concen: 47.89 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

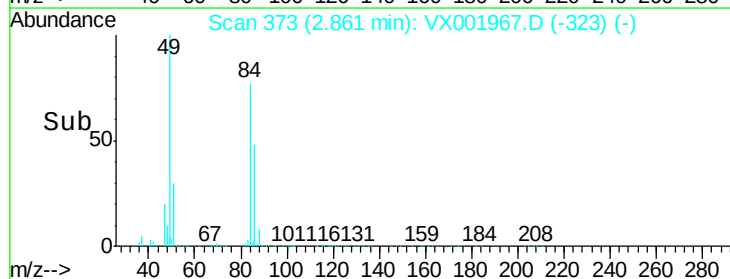
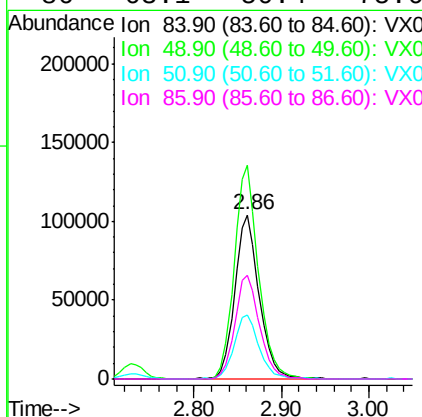
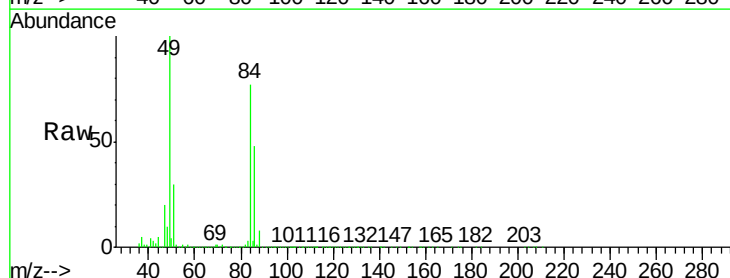
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

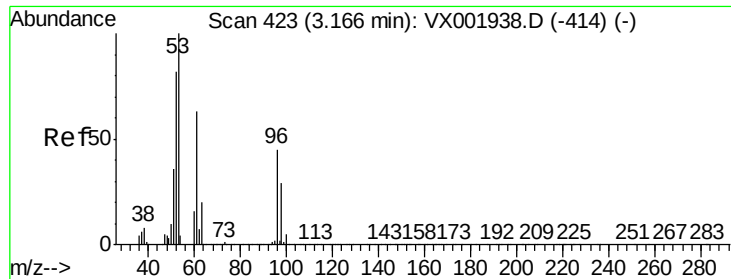
Tgt Ion: 73 Resp: 681039
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0



#20
Methylene Chloride
Concen: 51.78 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 84 Resp: 200374
Ion Ratio Lower Upper
84 100
49 130.5 107.2 160.8
51 38.8 32.4 48.6
86 63.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.50 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

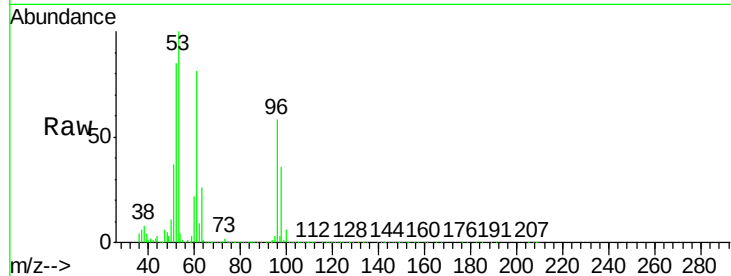
Tgt Ion: 96 Resp: 192954

Ion Ratio Lower Upper

96 100

61 141.5 113.3 169.9

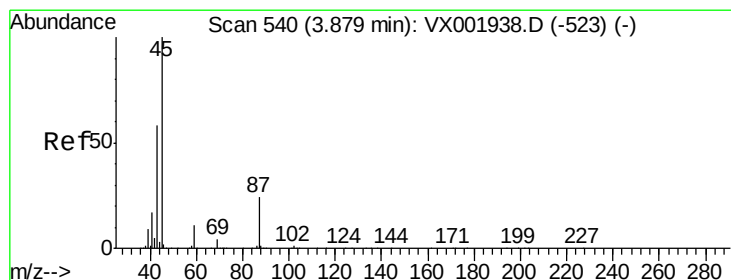
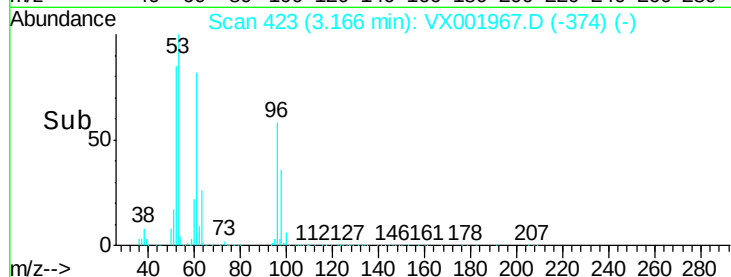
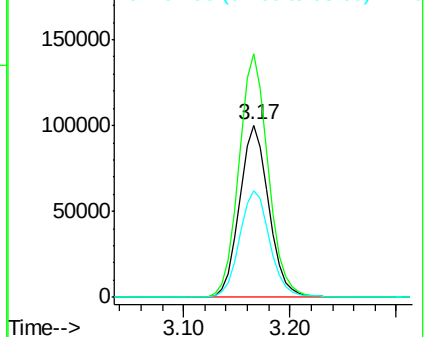
98 61.7 51.7 77.5



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: 43.49 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion: 45 Resp: 702070

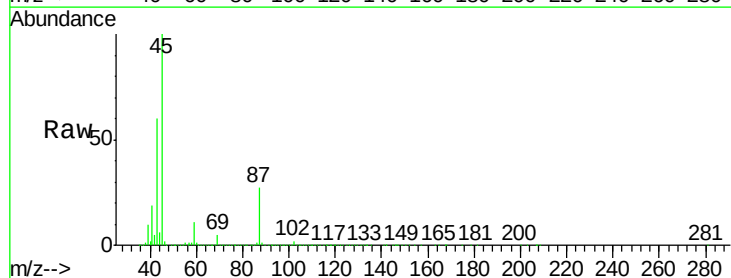
Ion Ratio Lower Upper

45 100

43 59.1 47.0 70.6

87 26.7 19.4 29.0

59 11.0 8.5 12.7

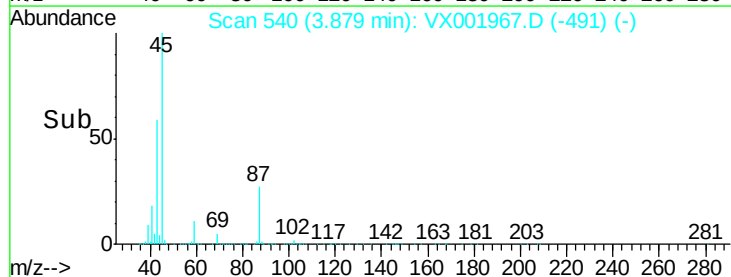
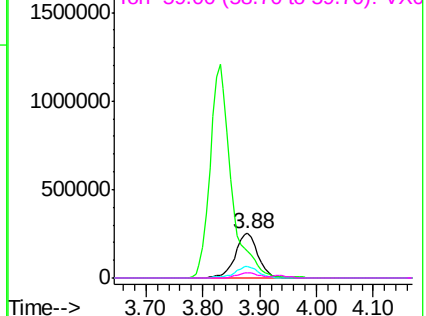


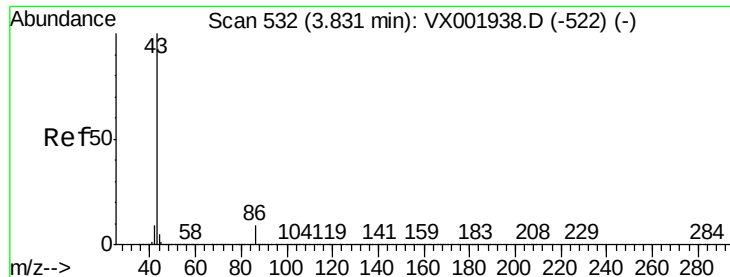
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 232.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

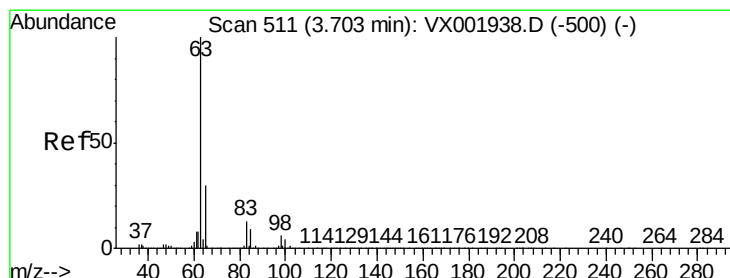
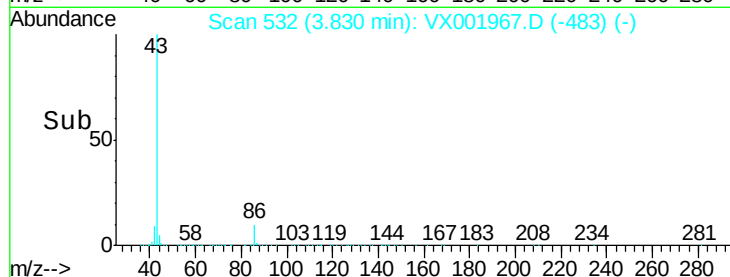
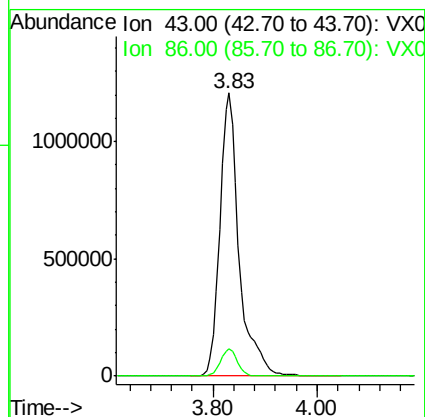
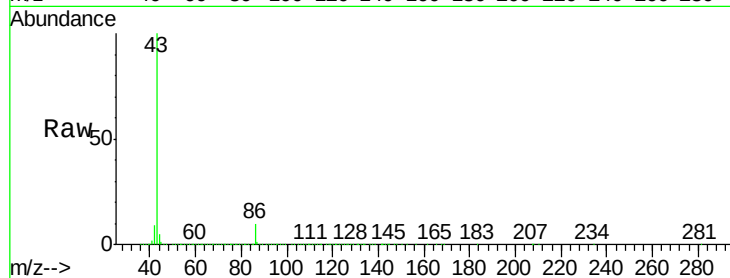
VSTDCCC050

Tgt Ion: 43 Resp: 3111900

Ion Ratio Lower Upper

43 100

86 9.6 7.6 11.4



#24

1,1-Dichloroethane

Concen: 48.45 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

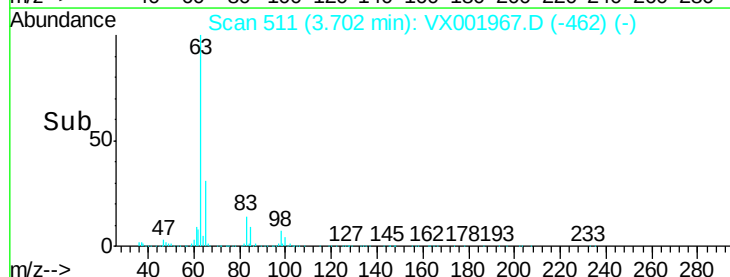
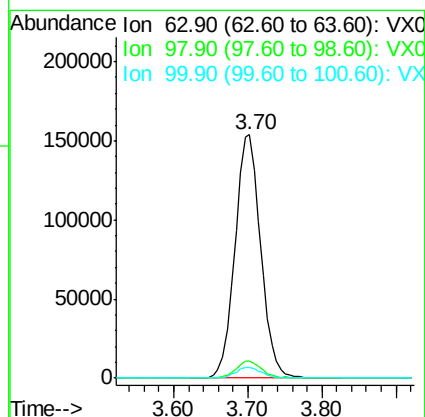
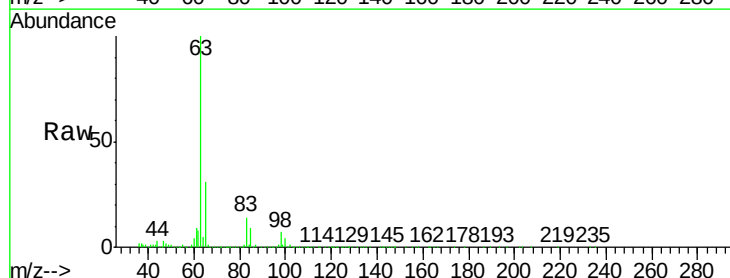
Tgt Ion: 63 Resp: 371546

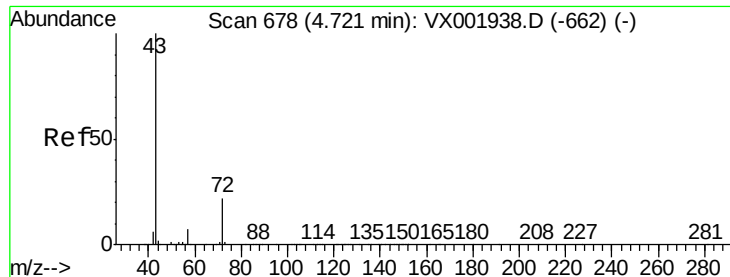
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 212.97 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

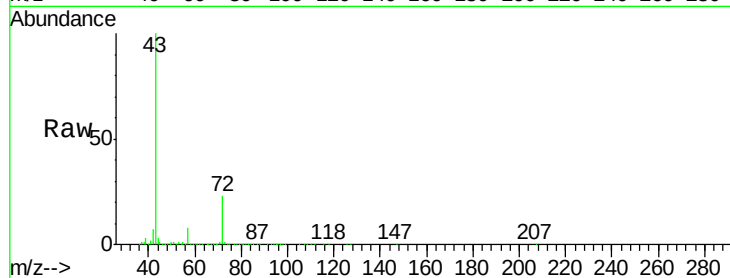
VSTDCCC050

Tgt Ion: 43 Resp: 873415

Ion Ratio Lower Upper

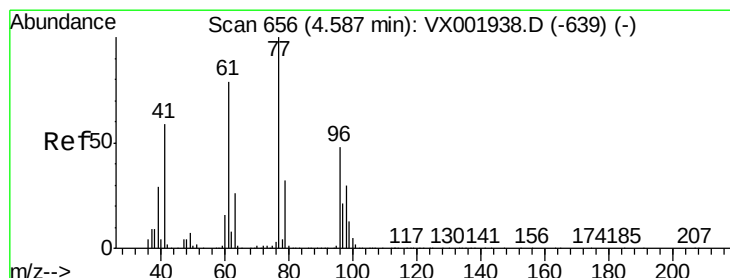
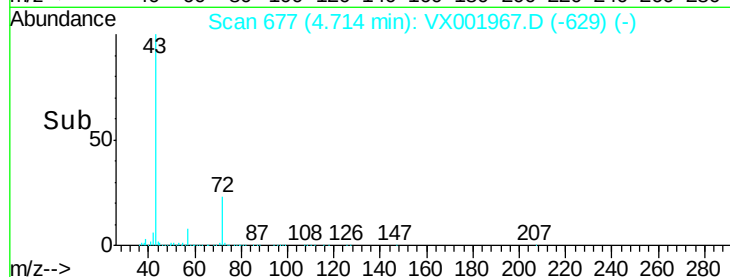
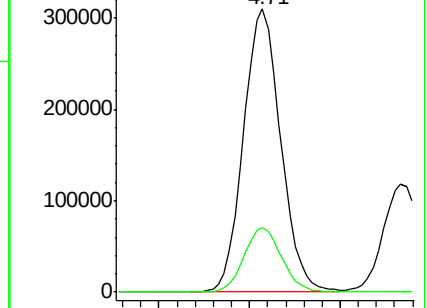
43 100

72 23.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001967.D

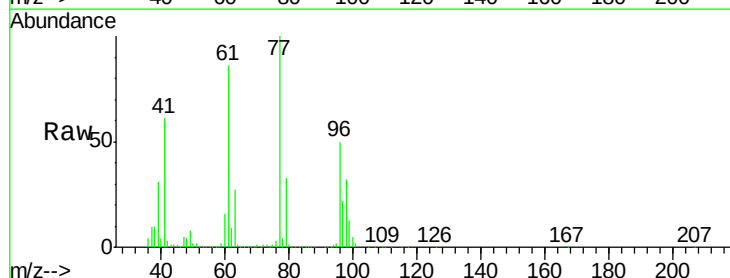
Acq: 25 May 2018 10:07

Tgt Ion: 77 Resp: 354331

Ion Ratio Lower Upper

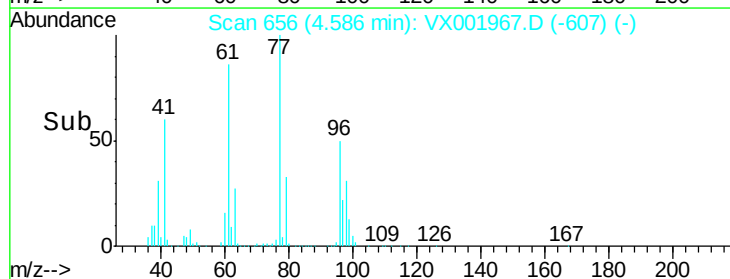
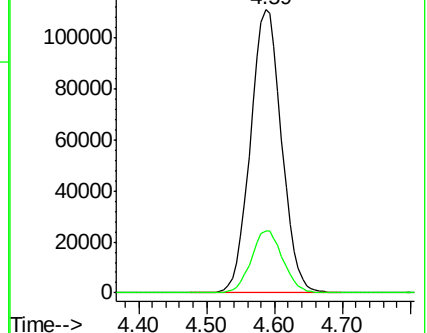
77 100

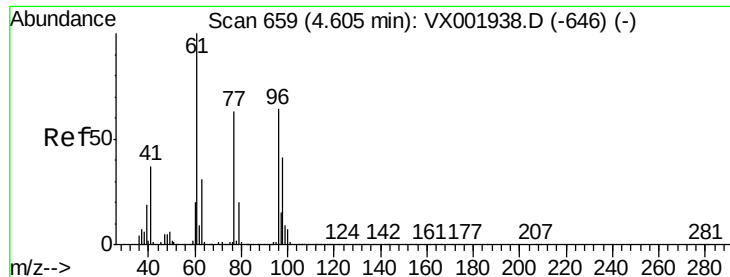
97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 45.02 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

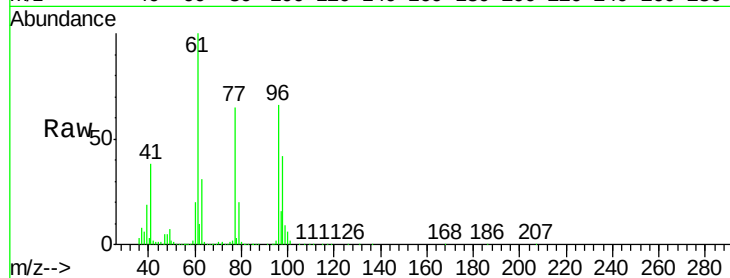
Tgt Ion: 96 Resp: 221925

Ion Ratio Lower Upper

96 100

61 165.7 0.0 348.4

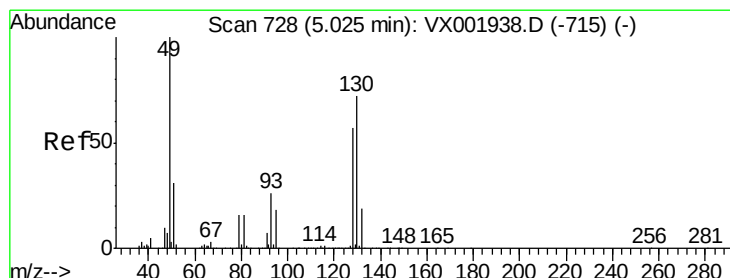
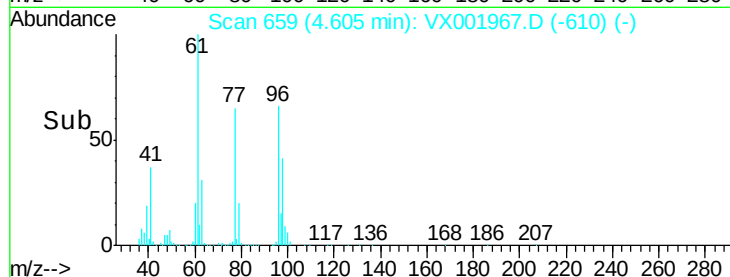
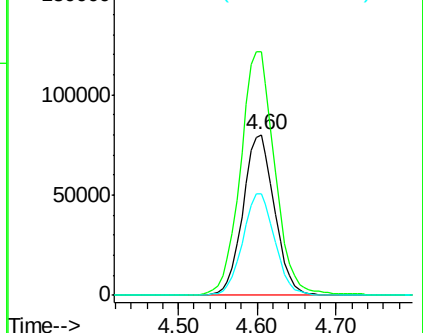
98 64.1 0.0 128.6



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



#28

Bromochloromethane

Concen: 51.12 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

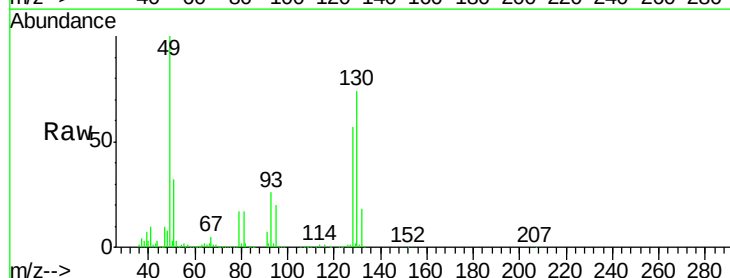
Tgt Ion: 49 Resp: 164581

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

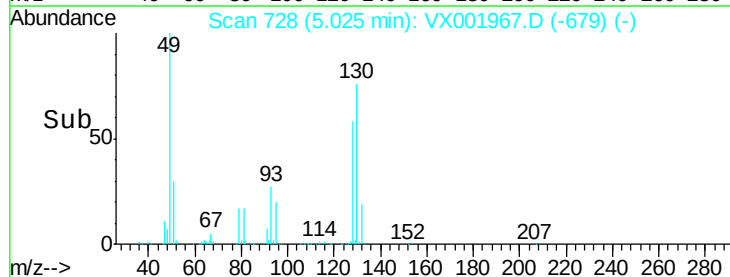
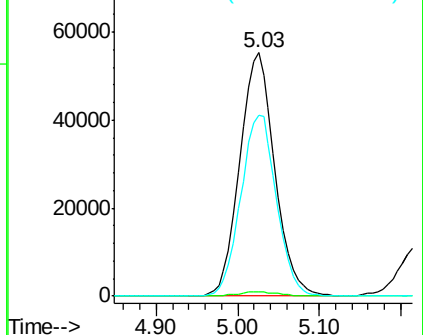
130 76.0 59.4 89.2

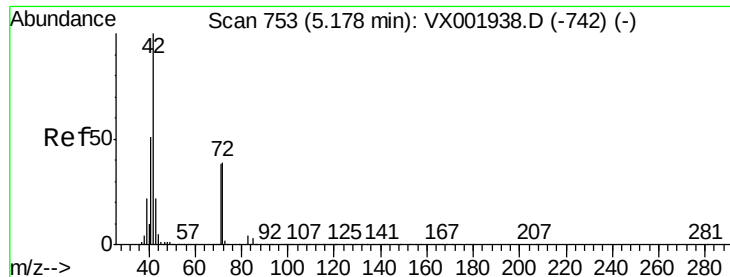


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 209.07 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

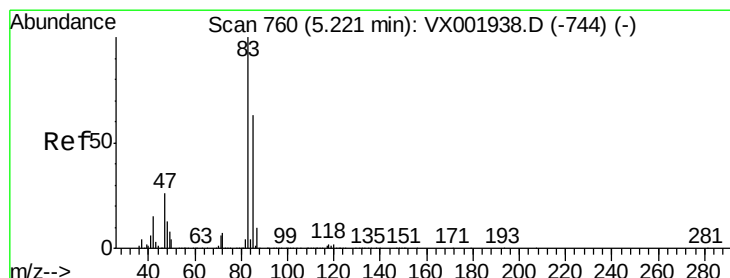
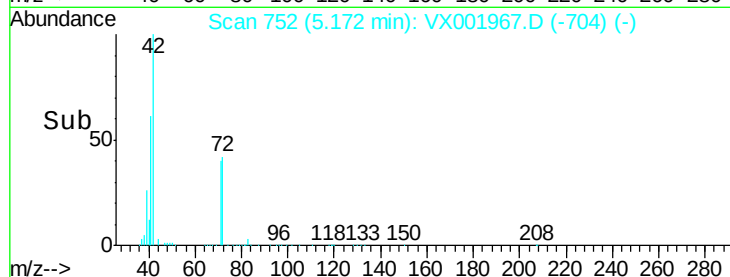
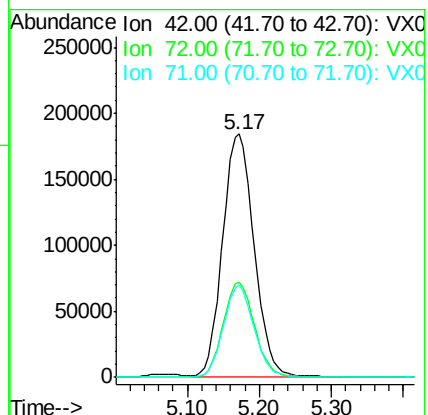
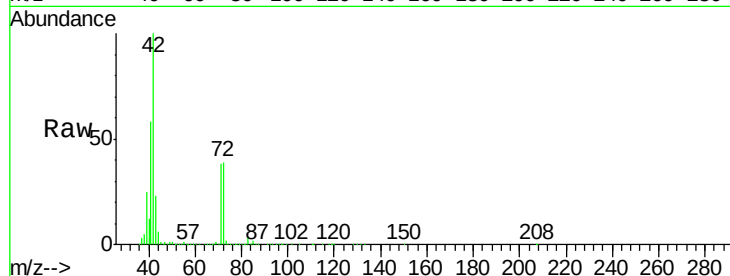
Tgt Ion: 42 Resp: 557847

Ion Ratio Lower Upper

42 100

72 39.1 31.4 47.0

71 36.9 29.5 44.3



#30

Chloroform

Concen: 44.55 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001967.D

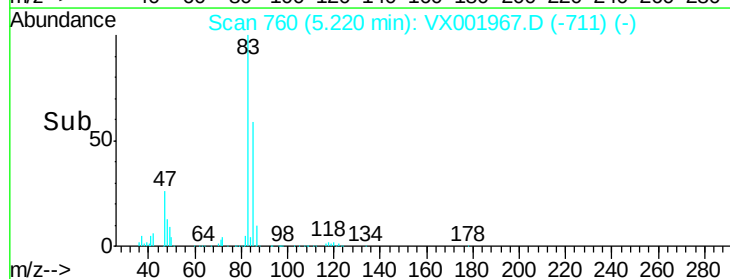
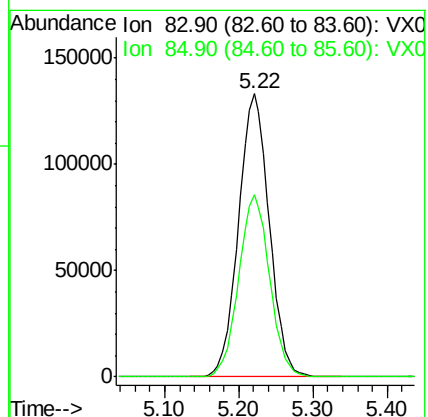
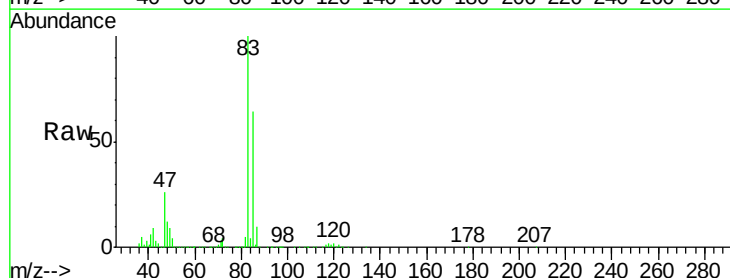
Acq: 25 May 2018 10:07

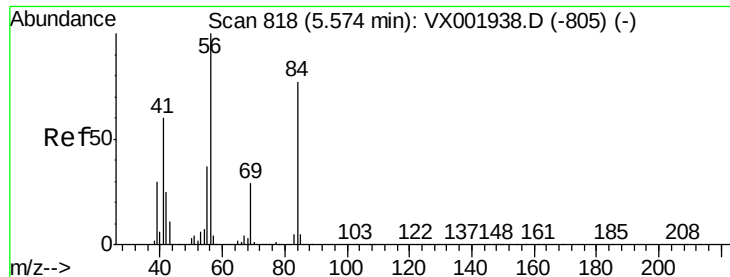
Tgt Ion: 83 Resp: 384838

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

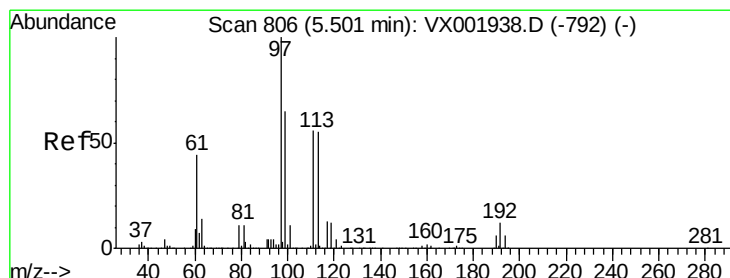
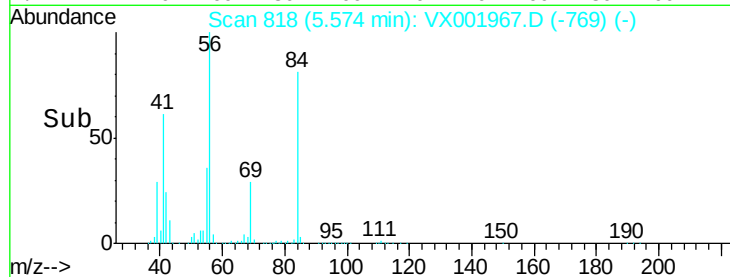
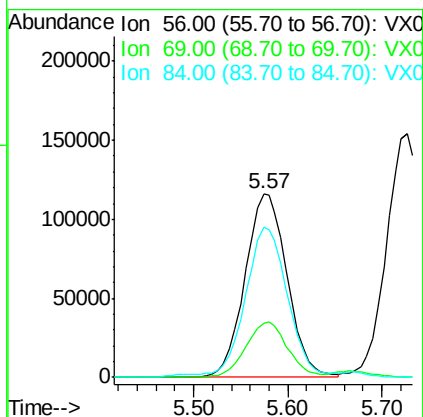
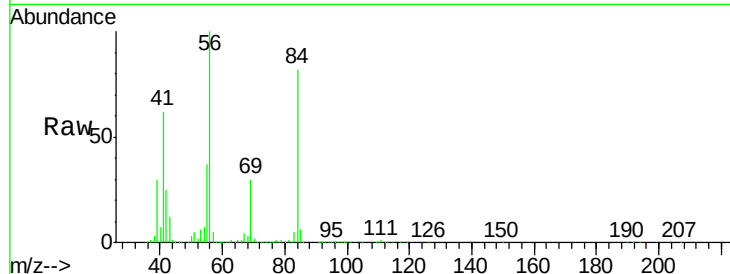




#31
Cyclohexane
Concen: 45.14 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

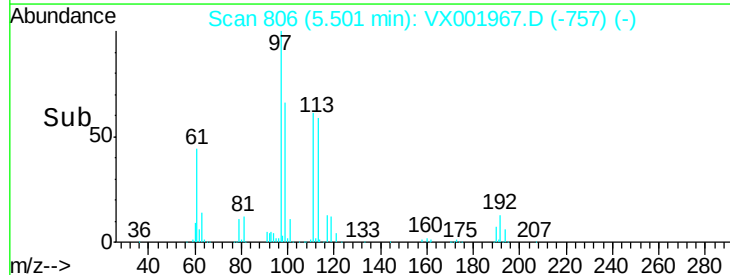
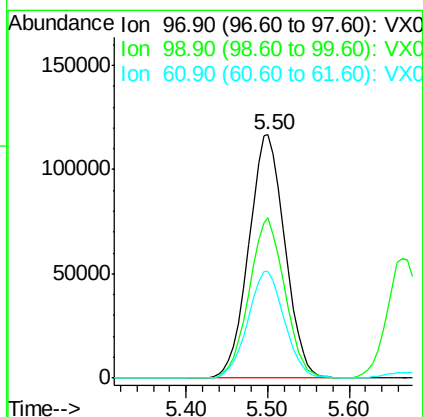
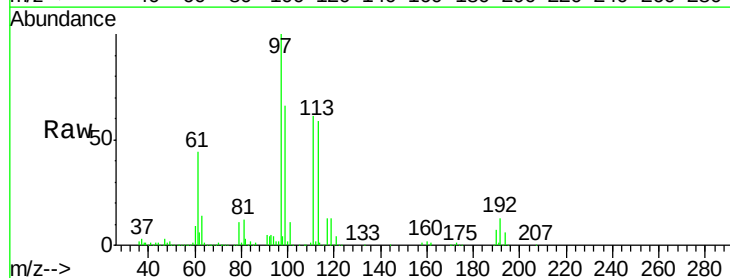
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

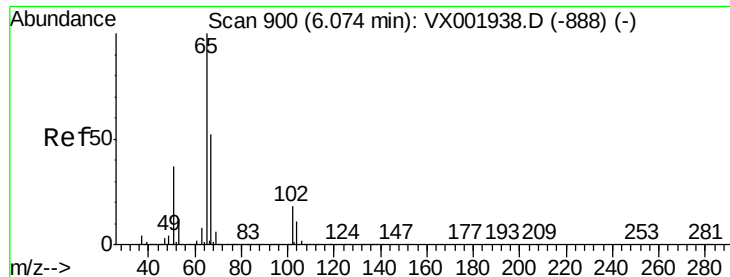
Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.1	34.7
84	80.0	62.0	93.0



#32
1,1,1-Trichloroethane
Concen: 44.54 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.9	77.9
61	44.4	35.9	53.9

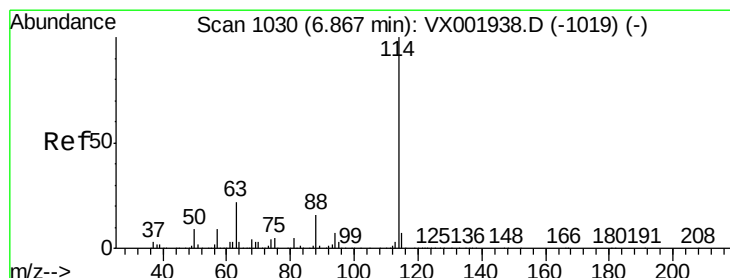
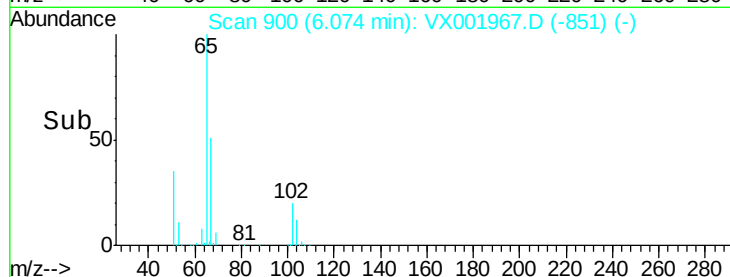
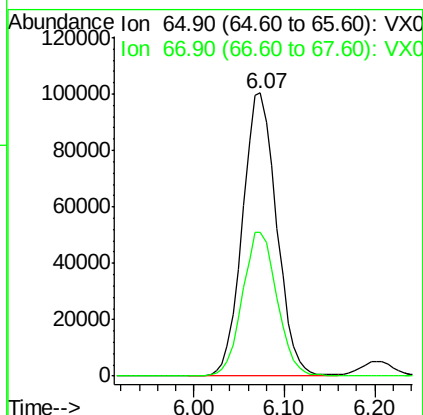
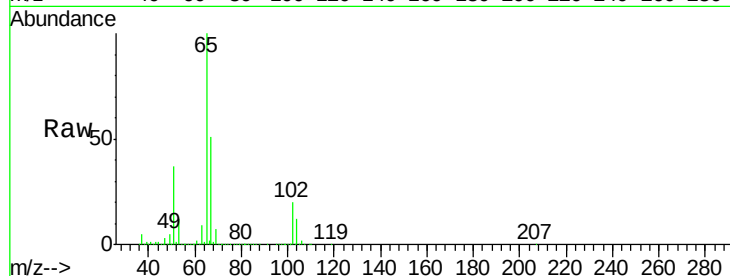




#33
 1,2-Dichloroethane-d4
 Concen: 45.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

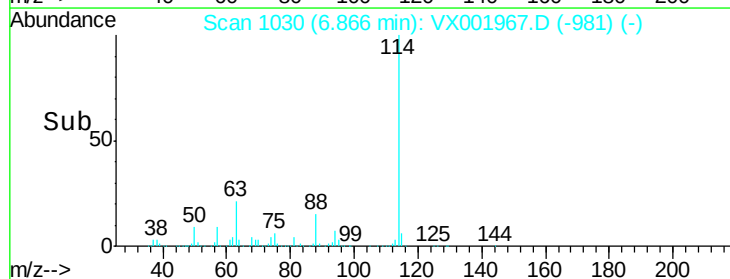
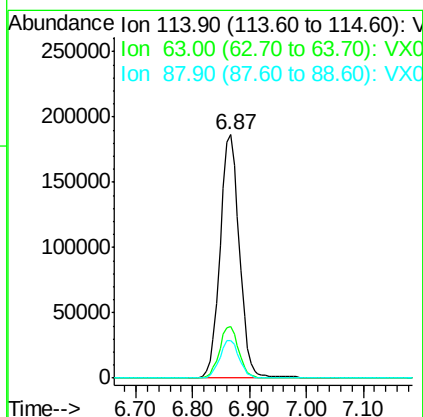
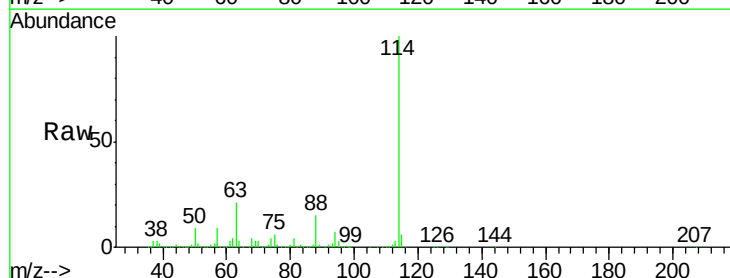
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

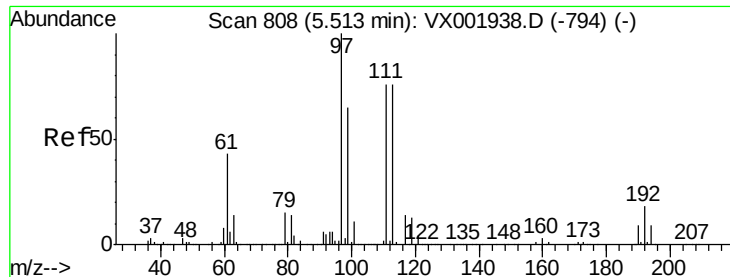
Tgt Ion: 65 Resp: 262226
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion: 114 Resp: 439758
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.32 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

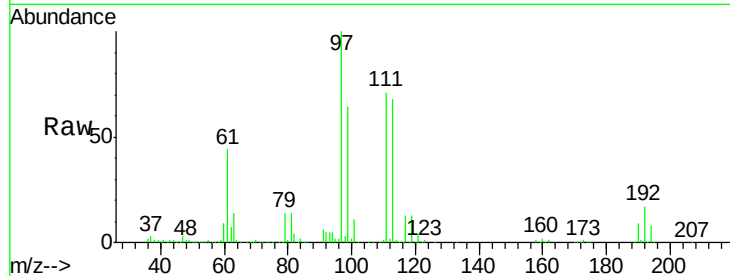
Tgt Ion:113 Resp: 208103

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

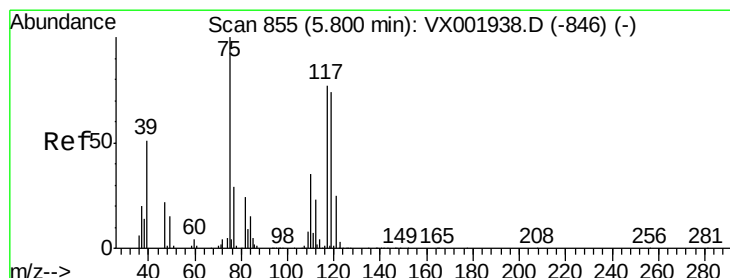
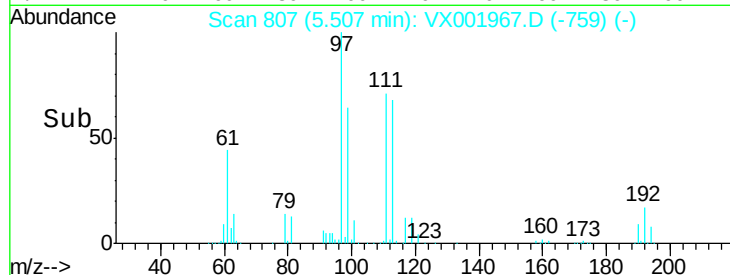
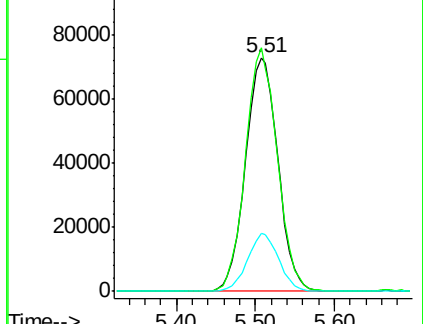
192 23.9 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.84 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

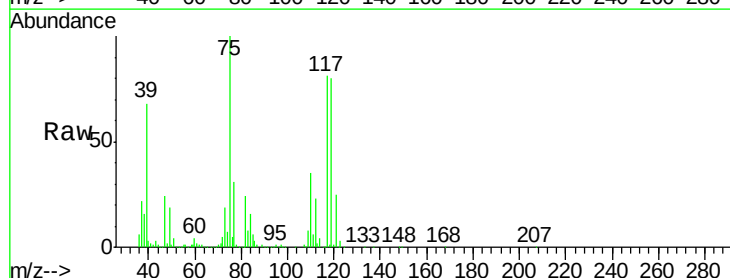
Tgt Ion: 75 Resp: 286539

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.2

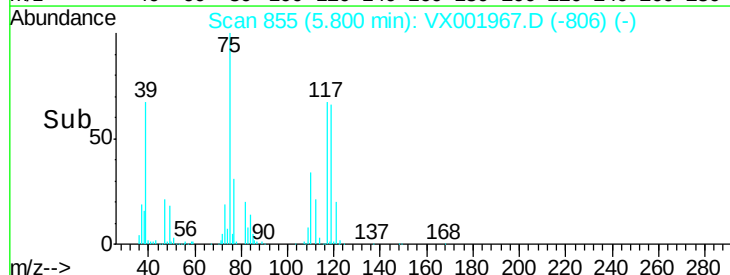
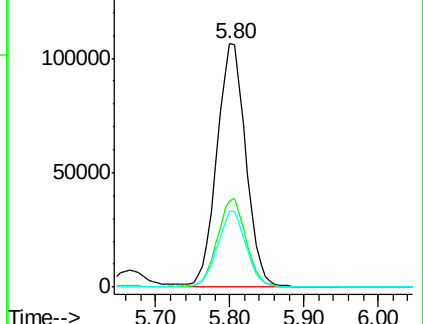
77 30.6 24.4 36.6

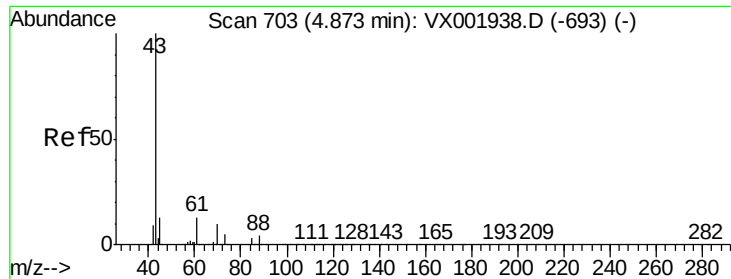


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

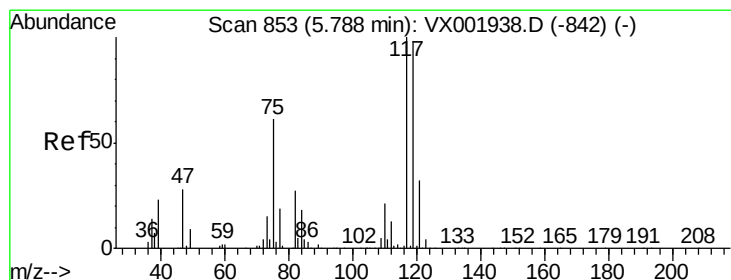
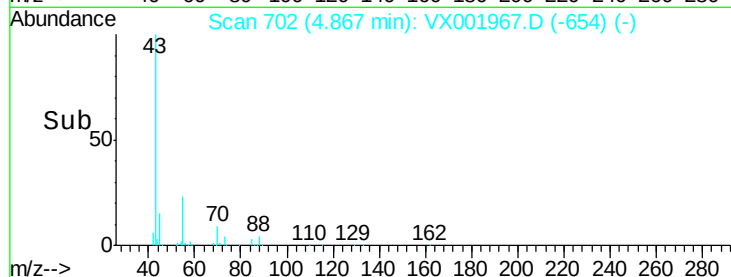
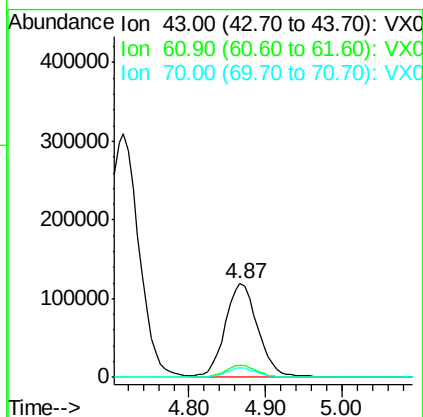
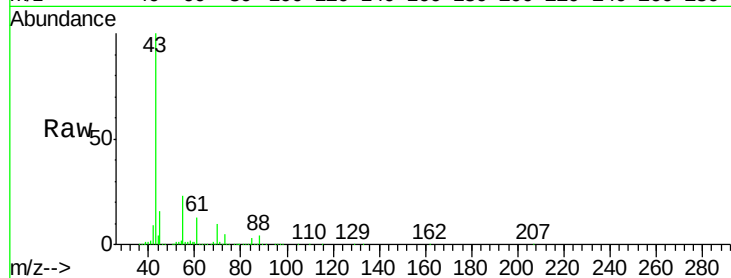




#37
Ethyl Acetate
Concen: 43.00 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

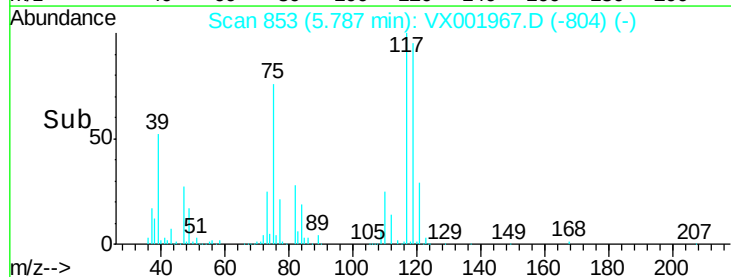
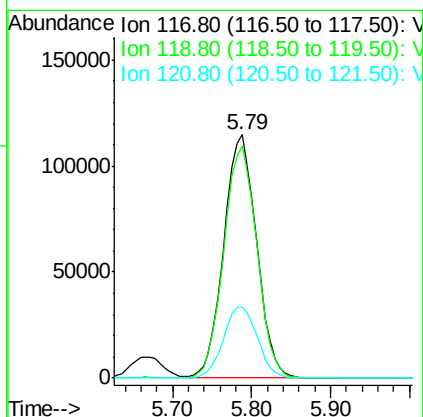
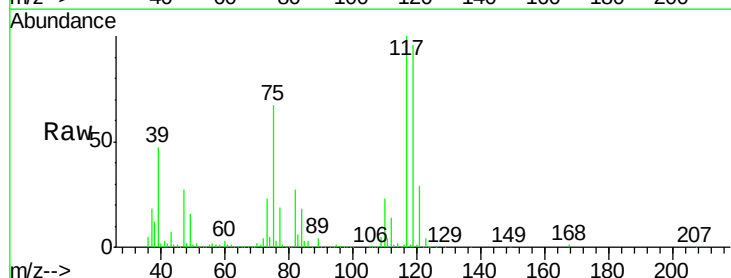
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

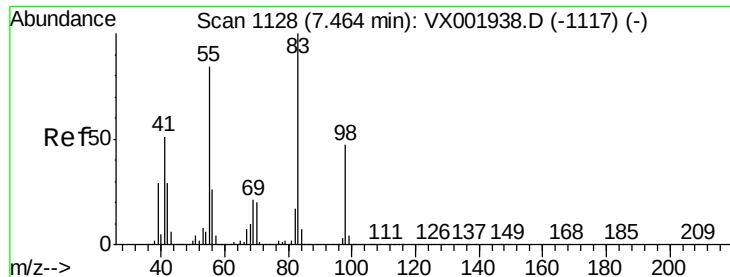
Tgt Ion: 43 Resp: 342872
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 46.50 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 117 Resp: 331653
Ion Ratio Lower Upper
117 100
119 95.5 78.5 117.7
121 29.3 25.5 38.3

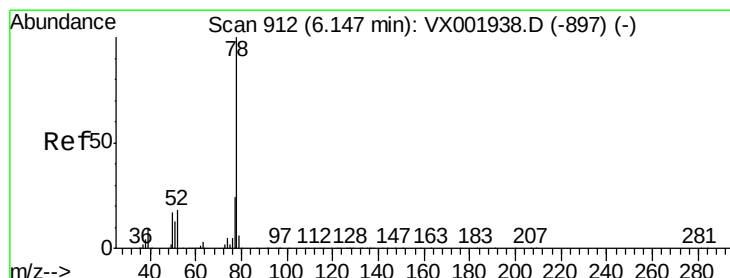
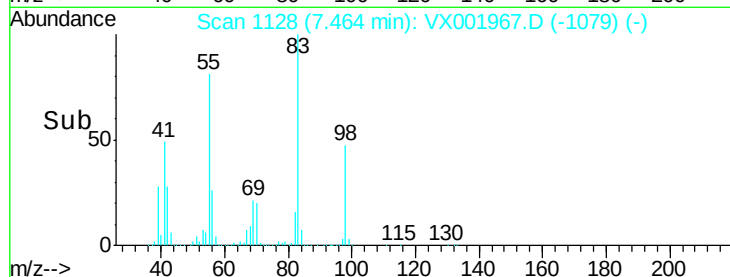
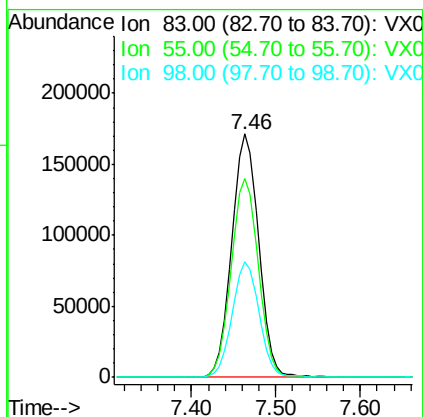
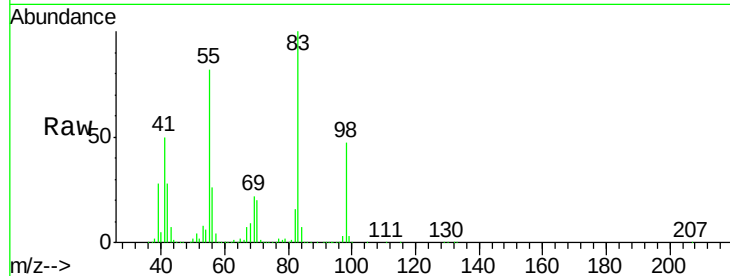




#39
Methylcyclohexane
Concen: 49.21 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

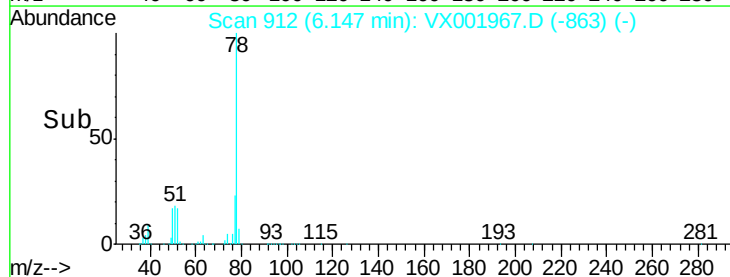
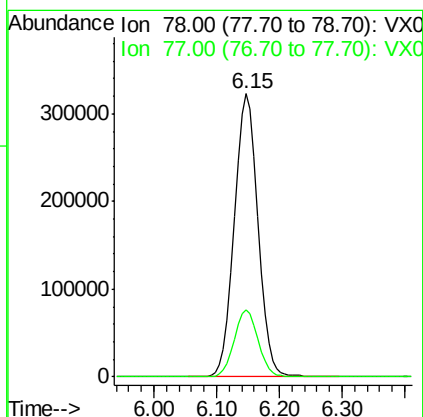
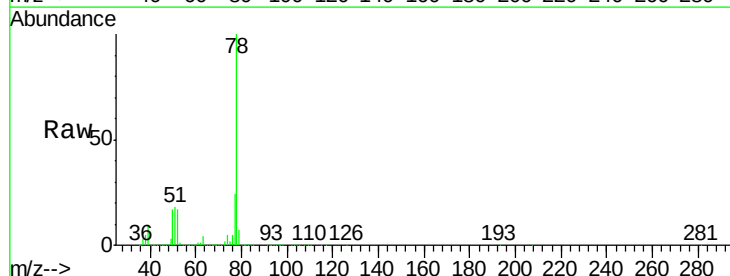
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

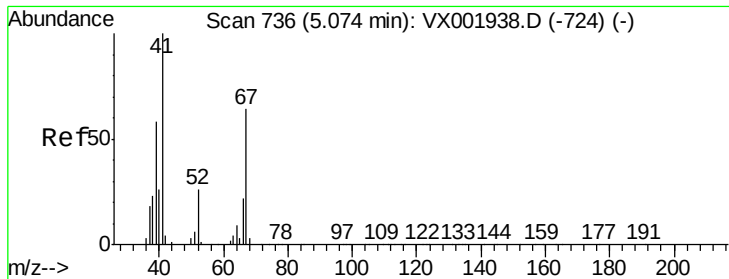
Tgt Ion: 83 Resp: 369803
Ion Ratio Lower Upper
83 100
55 81.4 67.3 100.9
98 47.2 37.5 56.3



#40
Benzene
Concen: 47.11 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 78 Resp: 844318
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

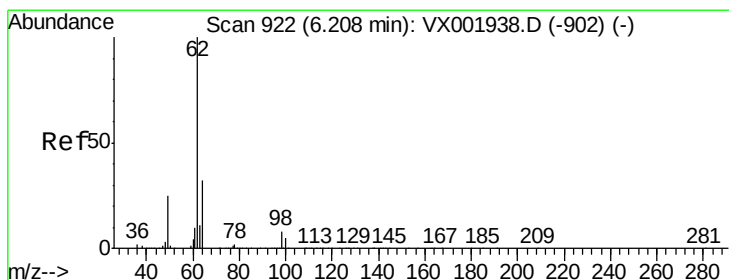
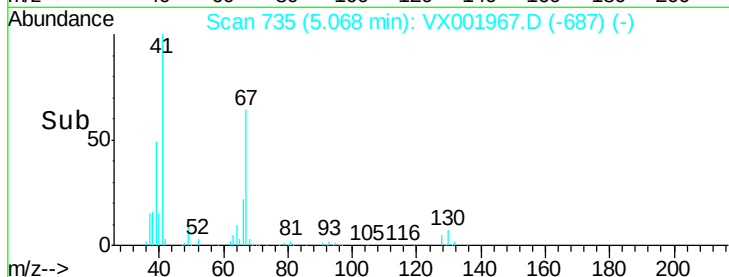
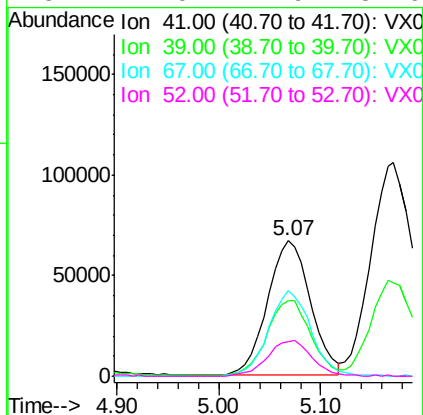
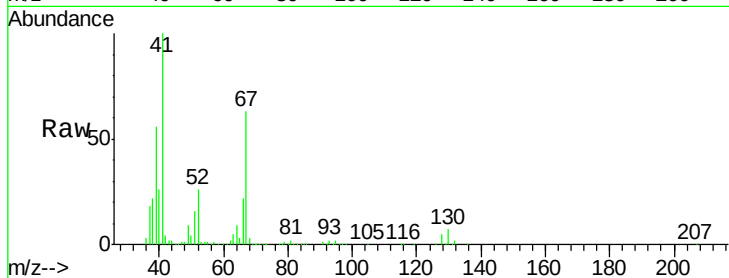




#41
Methacrylonitrile
Concen: 46.27 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

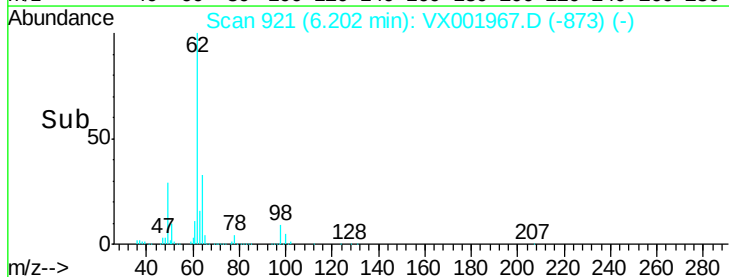
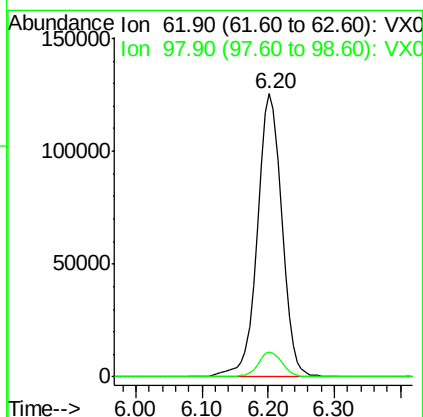
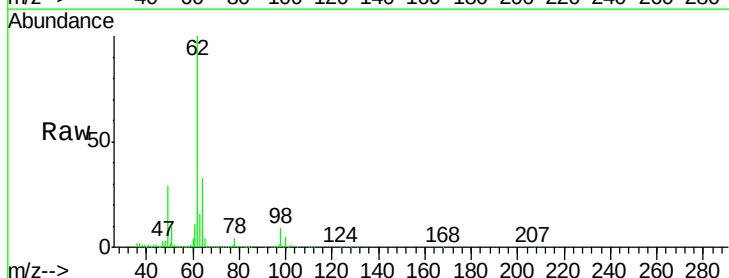
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

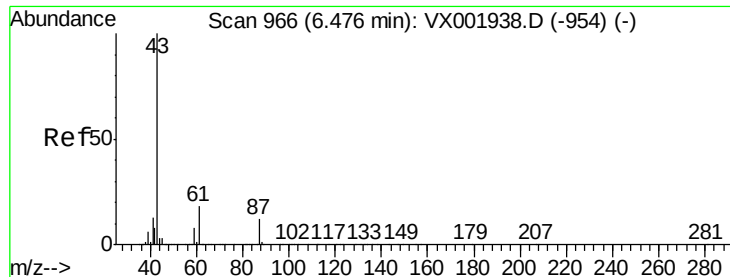
Tgt Ion:	41	Resp:	195159
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.0	69.0
67	62.4	50.6	75.8
52	27.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 45.25 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion:	62	Resp:	323897
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 45.07 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

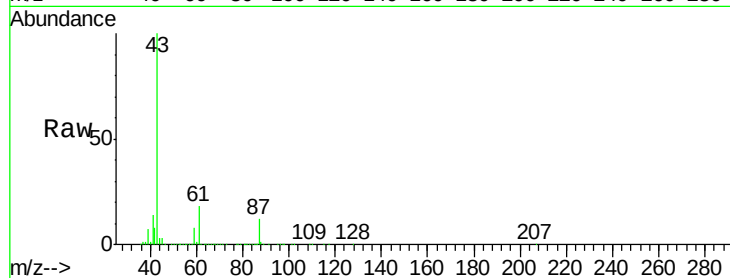
Tgt Ion: 43 Resp: 598864

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

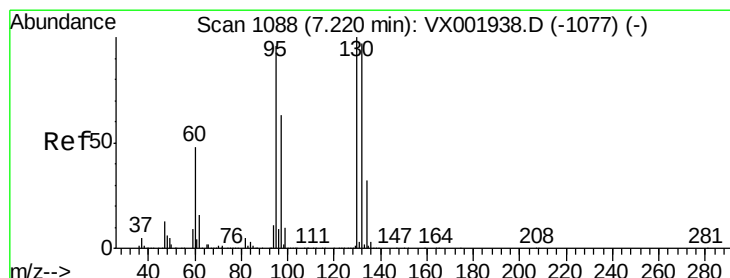
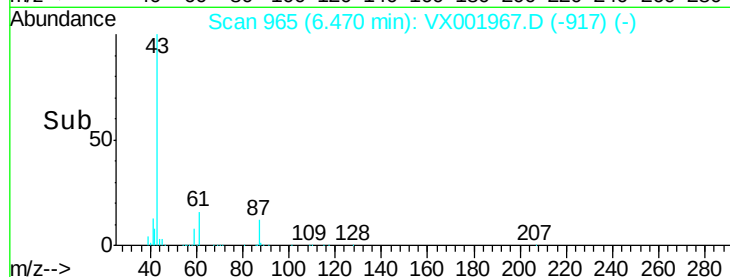
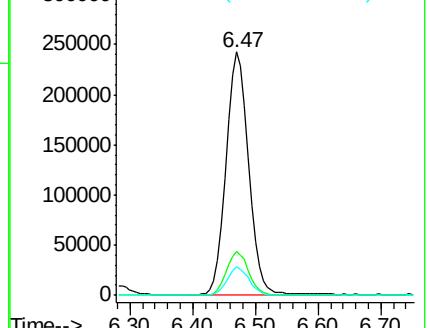
87 11.5 9.5 14.3



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: 47.17 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001967.D

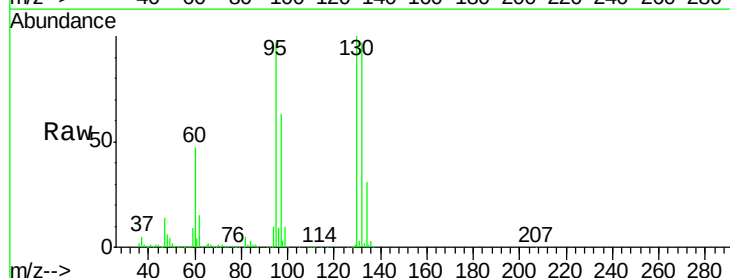
Acq: 25 May 2018 10:07

Tgt Ion: 130 Resp: 246346

Ion Ratio Lower Upper

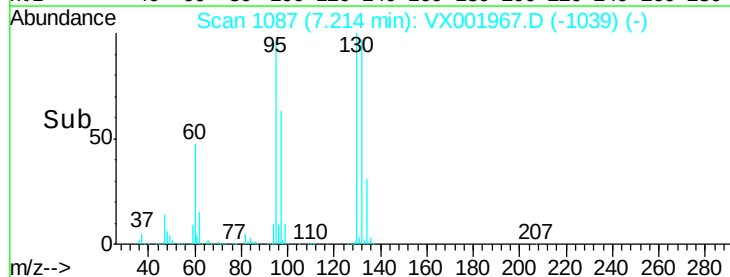
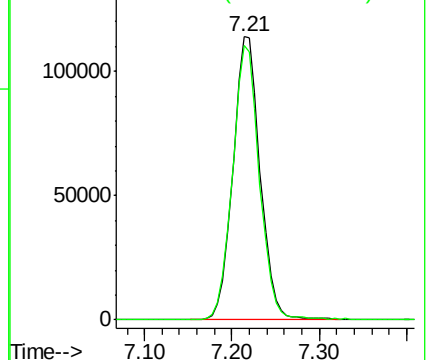
130 100

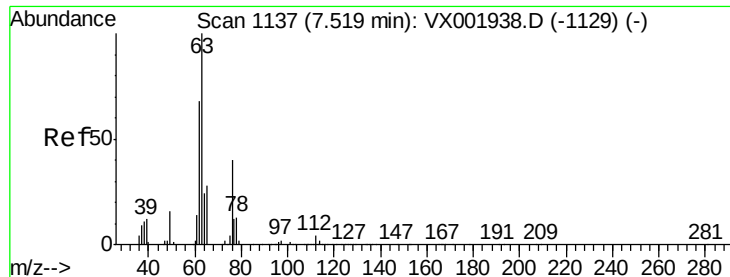
95 96.7 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

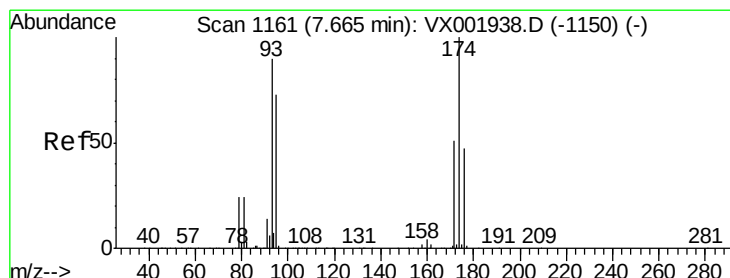
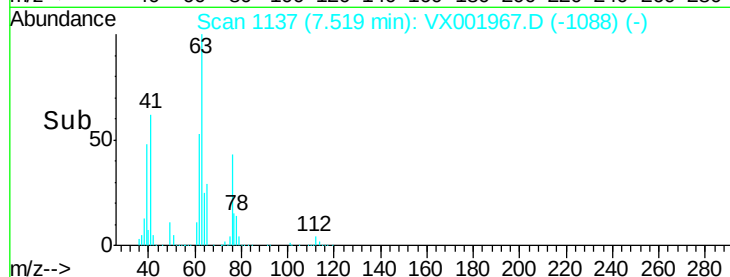
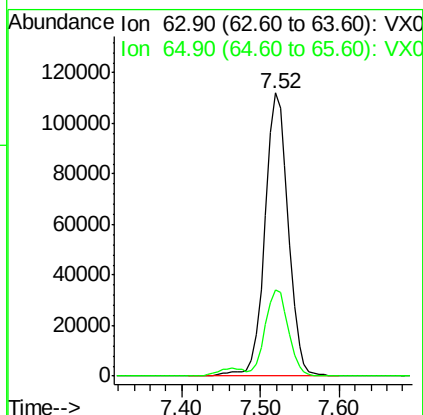
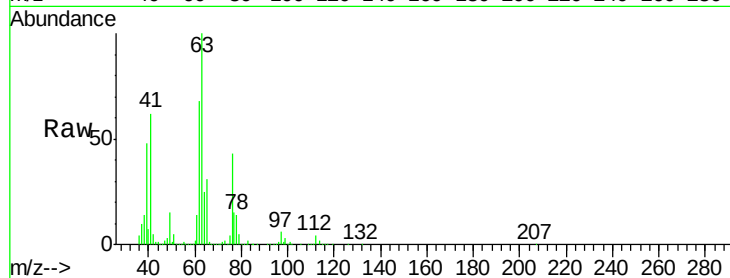




#45
 1,2-Dichloropropane
 Concen: 47.39 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

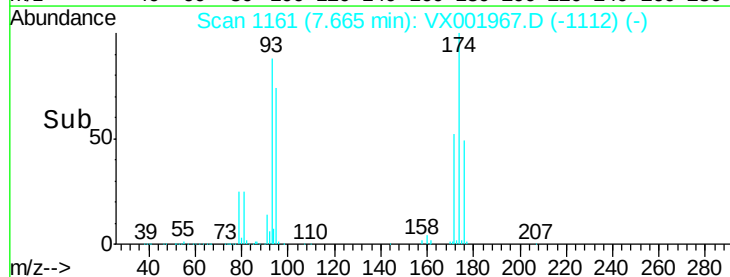
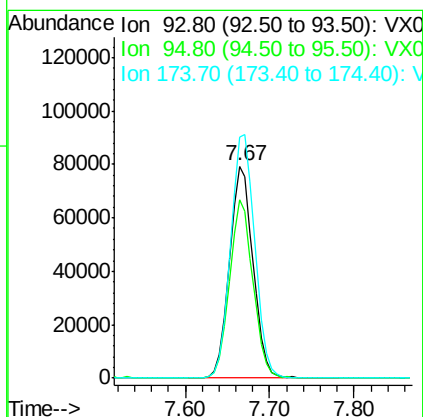
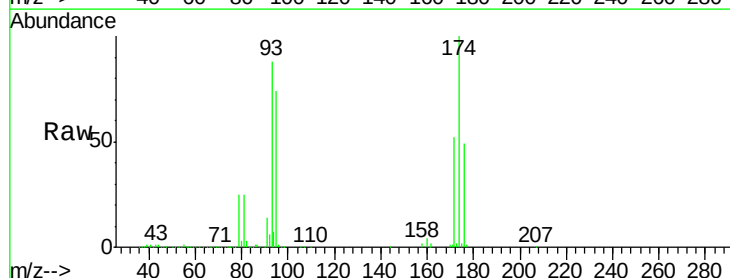
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

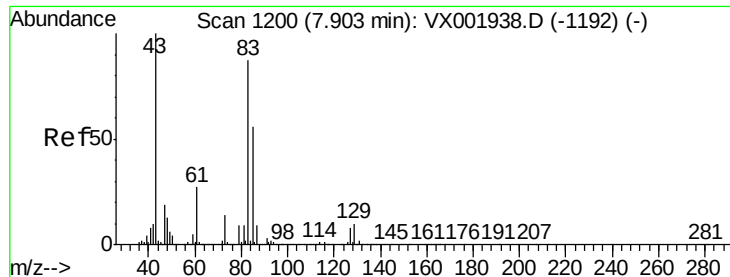
Tgt Ion: 63 Resp: 230638
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.1 36.1



#46
 Dibromomethane
 Concen: 46.64 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion: 93 Resp: 150280
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 117.5 92.5 138.7





#47

Bromodichloromethane

Concen: 46.06 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

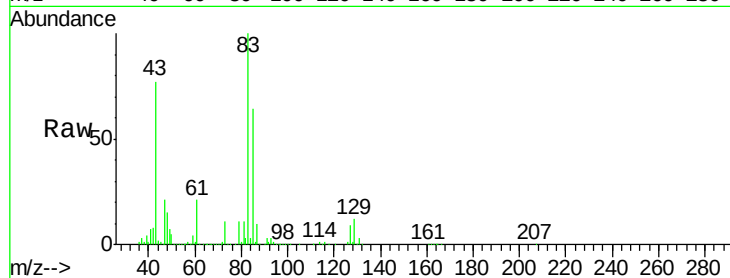
Tgt Ion: 83 Resp: 316411

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.2

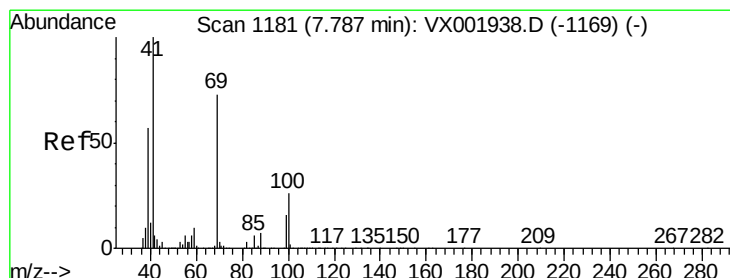
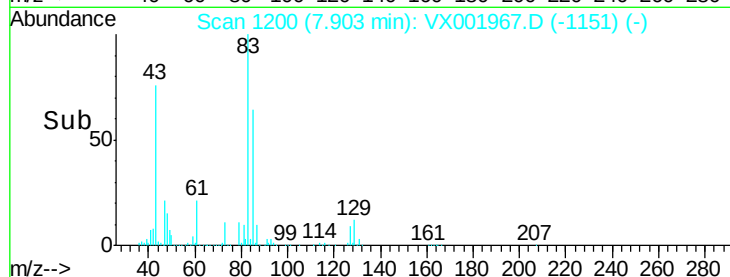
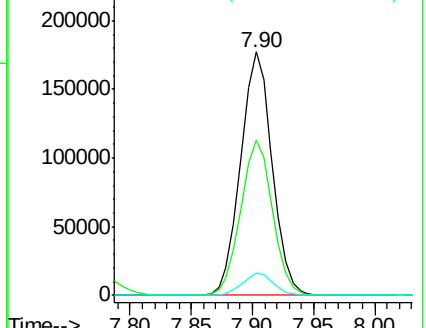
127 9.0 7.1 10.7



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: 44.58 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

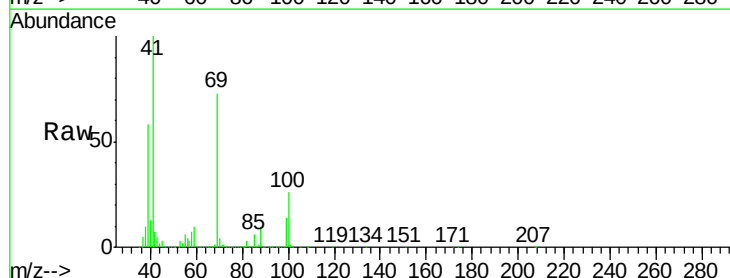
Tgt Ion: 41 Resp: 301504

Ion Ratio Lower Upper

41 100

69 73.8 58.6 87.8

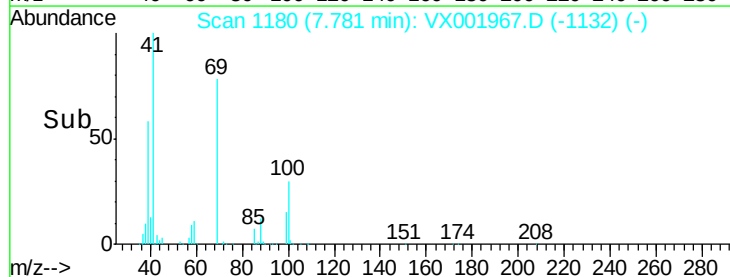
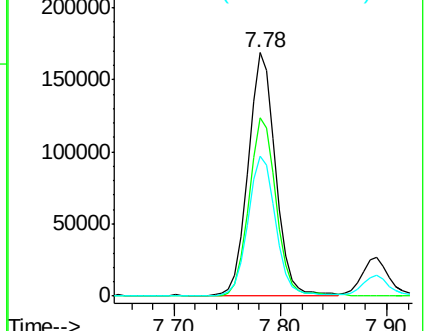
39 58.4 46.3 69.5

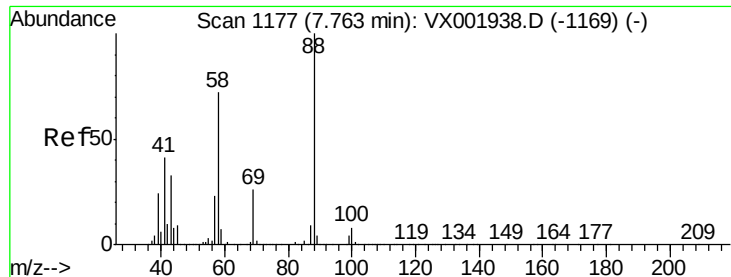


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

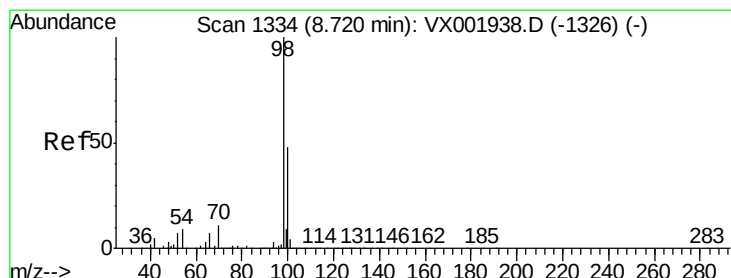
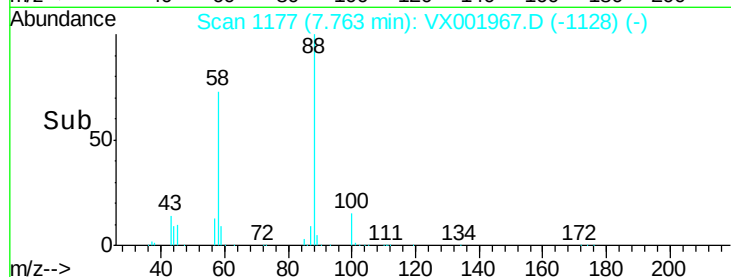
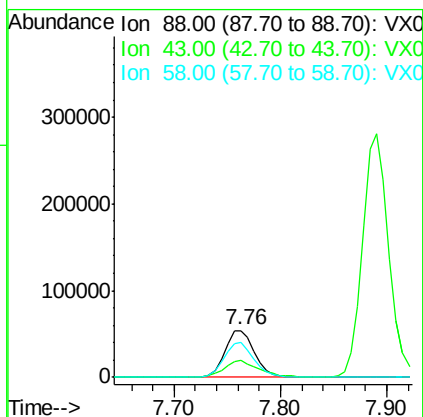
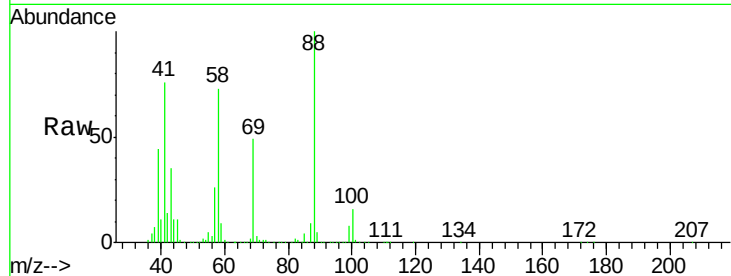




#49
1,4-Dioxane
Concen: 889.68 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

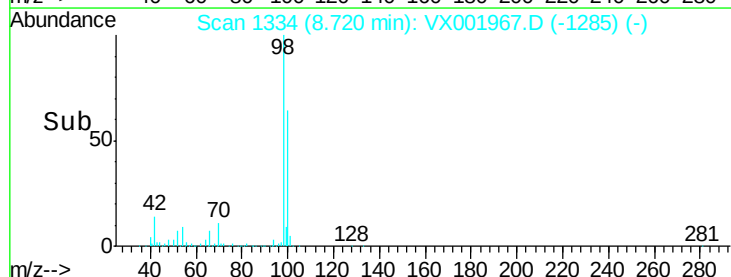
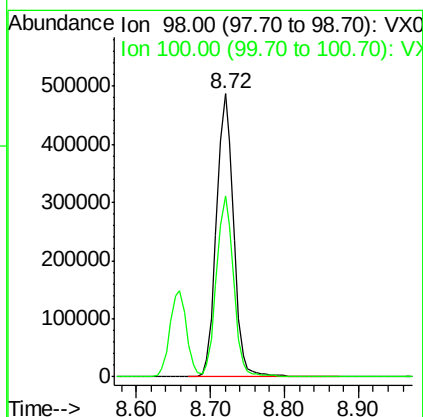
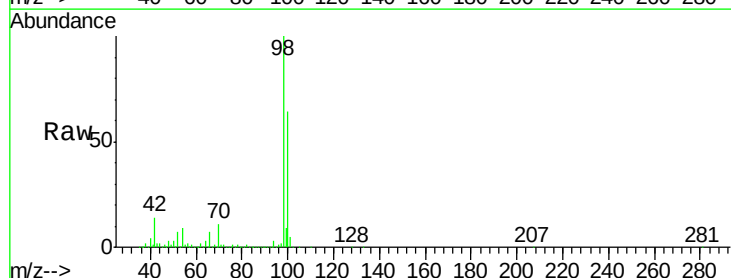
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

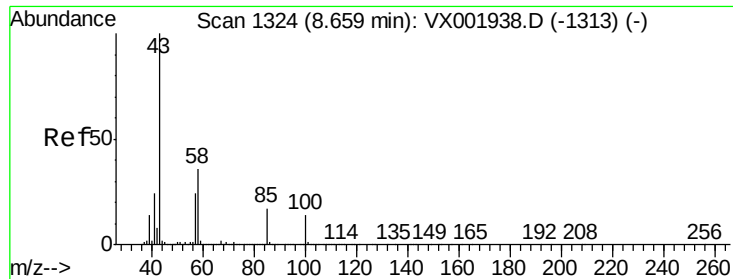
Tgt Ion: 88 Resp: 106025
Ion Ratio Lower Upper
88 100
43 36.3 29.8 44.8
58 74.1 58.7 88.1



#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 98 Resp: 770207
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

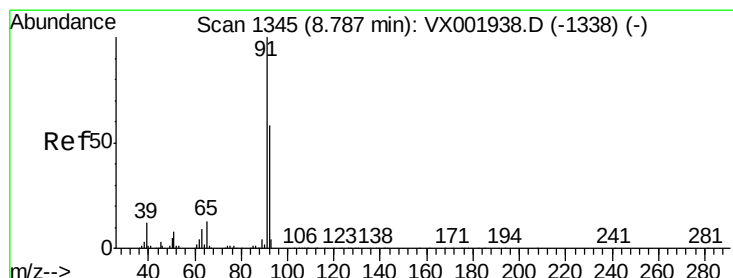
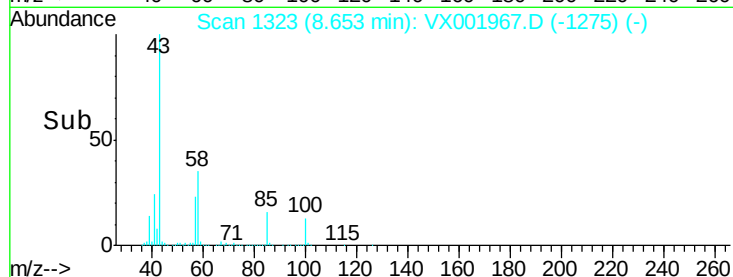
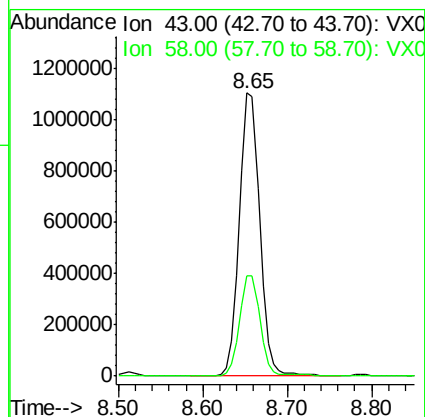
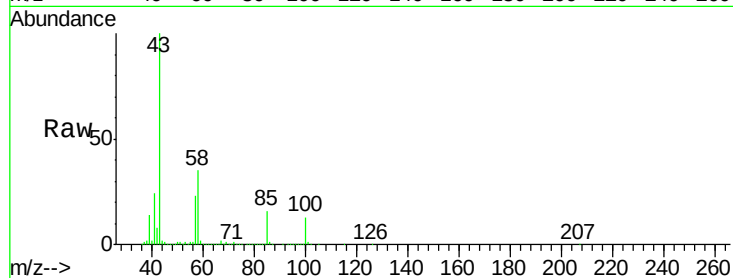




#51
 4-Methyl-2-Pentanone
 Concen: 223.46 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

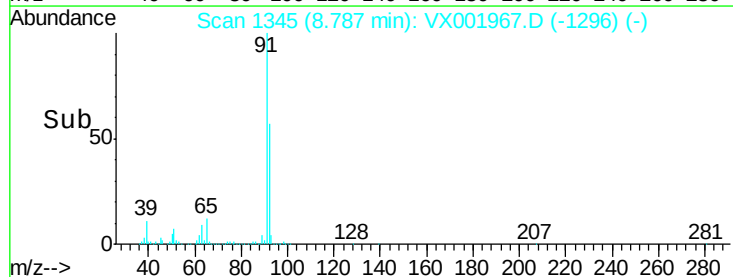
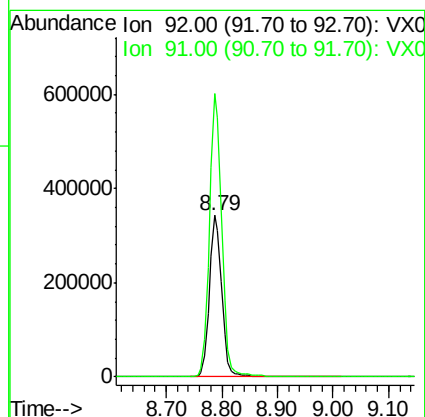
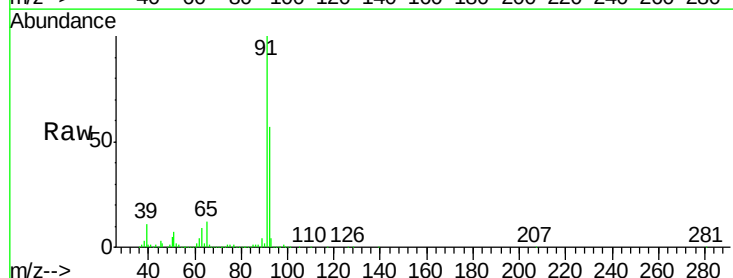
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

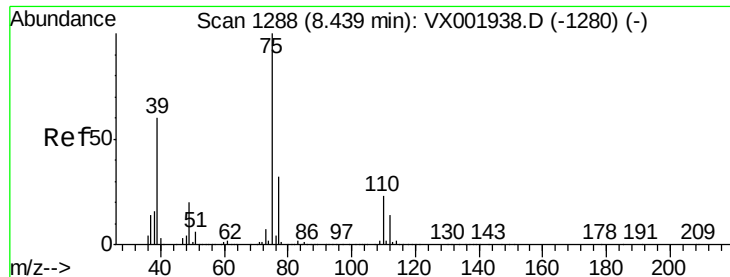
Tgt Ion: 43 Resp: 1789918
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.5 42.7



#52
 Toluene
 Concen: 47.18 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion: 92 Resp: 538041
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 47.67 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampled :

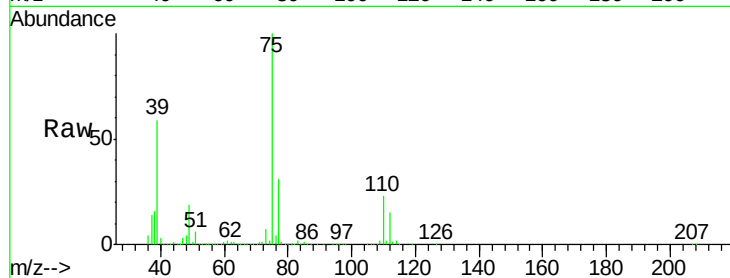
VSTDCCC050

Tgt Ion: 75 Resp: 377218

Ion Ratio Lower Upper

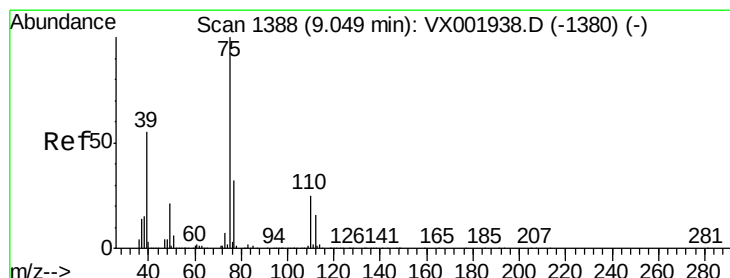
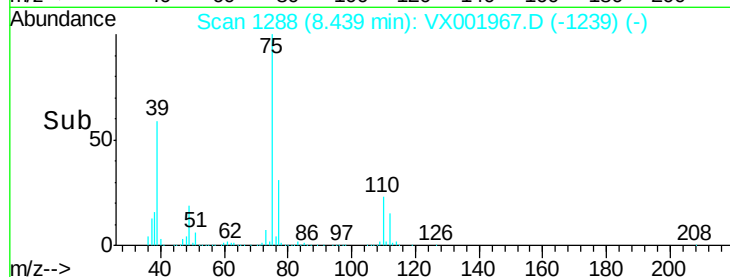
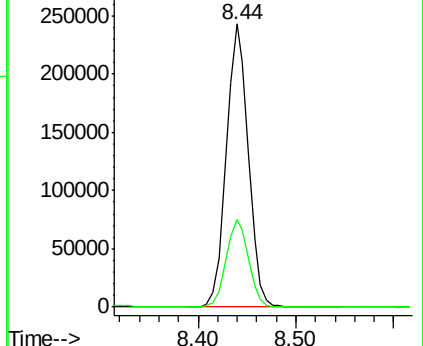
75 100

77 30.8 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.41 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

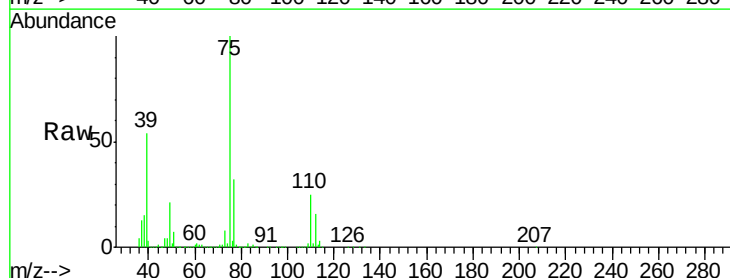
Tgt Ion: 75 Resp: 365526

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

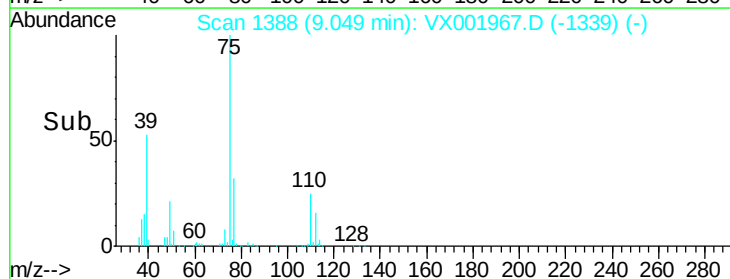
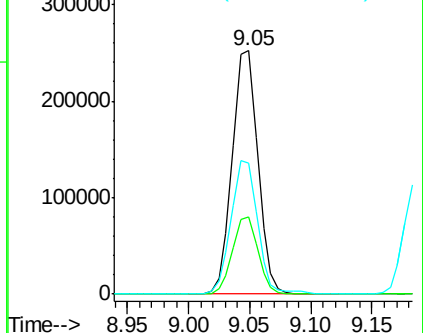
39 53.5 44.1 66.1

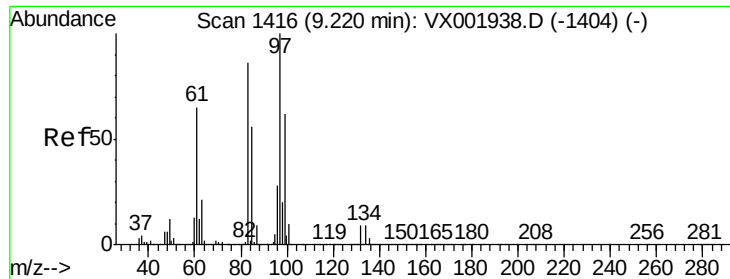


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

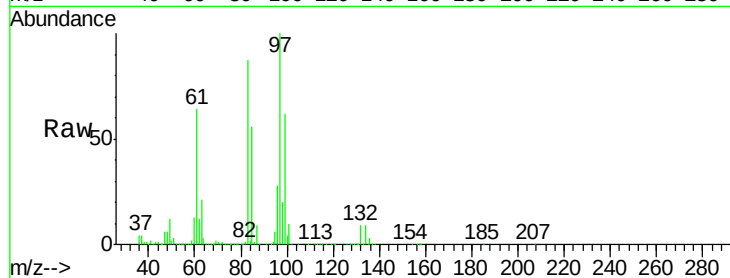




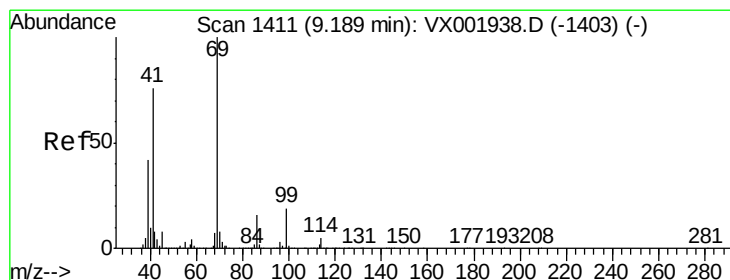
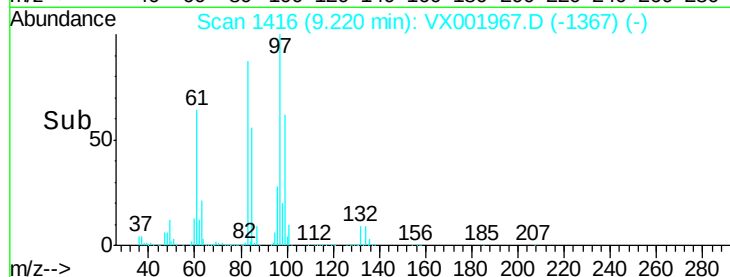
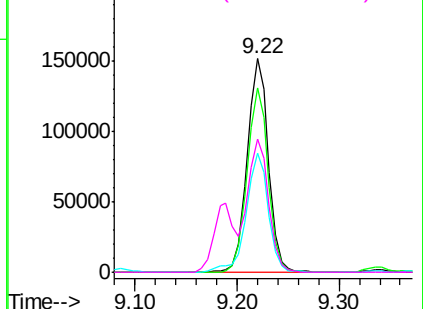
#55
 1,1,2-Trichloroethane
 Concen: 45.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	219099
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.1	103.7
85	55.5	45.2	67.8
99	62.4	49.6	74.4

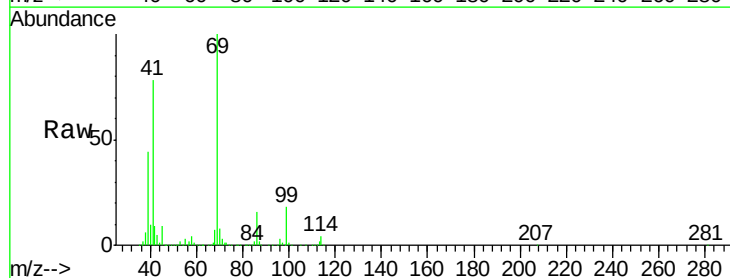


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

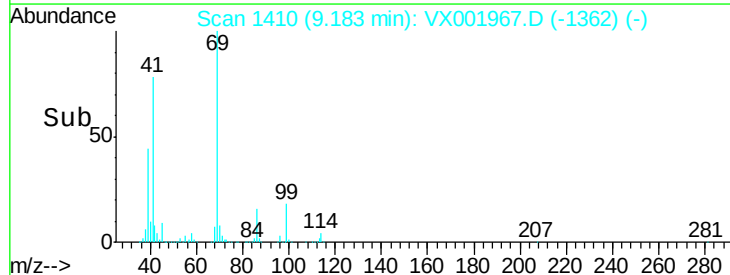
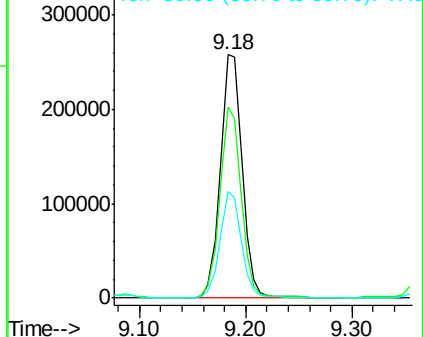


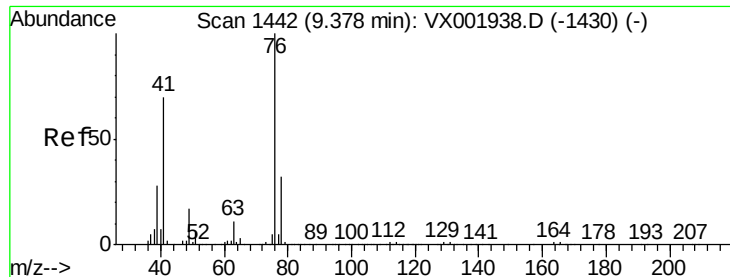
#56
 Ethyl methacrylate
 Concen: 45.13 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion:	69	Resp:	369801
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.0	91.6
39	42.5	34.4	51.6



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





#57

1,3-Dichloropropane

Concen: 46.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

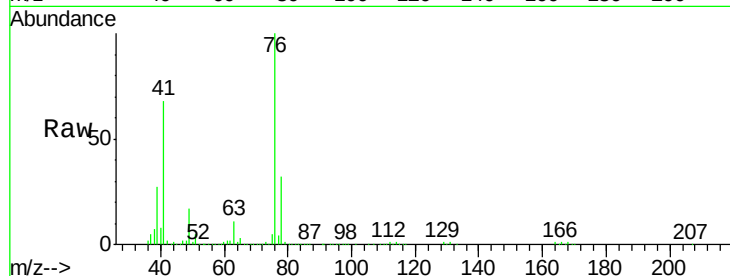
VSTDCCC050

Tgt Ion: 76 Resp: 367004

Ion Ratio Lower Upper

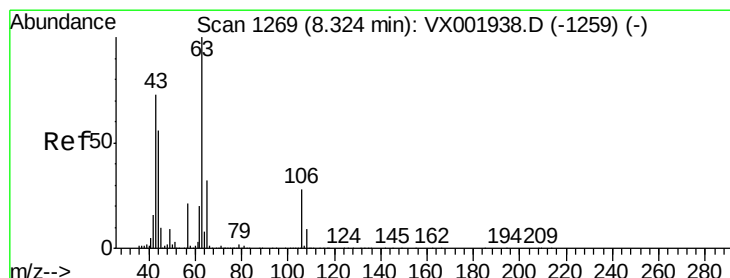
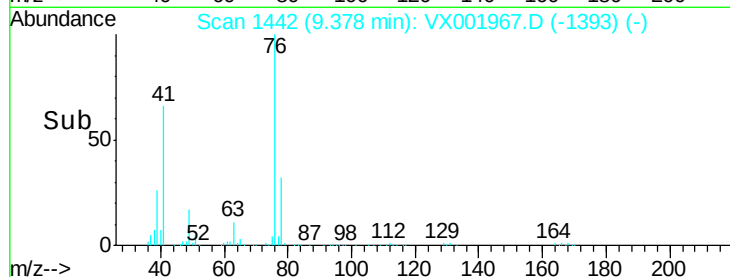
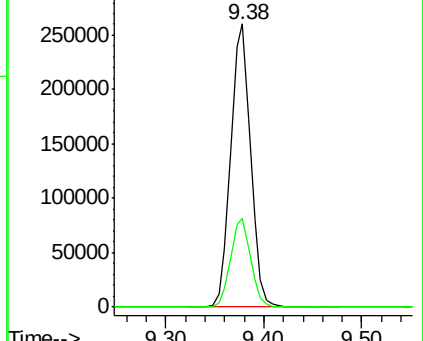
76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 240.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001967.D

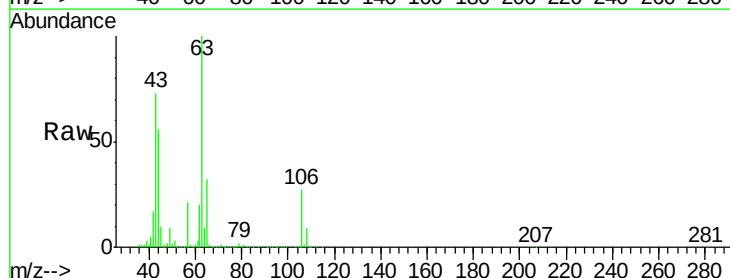
Acq: 25 May 2018 10:07

Tgt Ion: 63 Resp: 875191

Ion Ratio Lower Upper

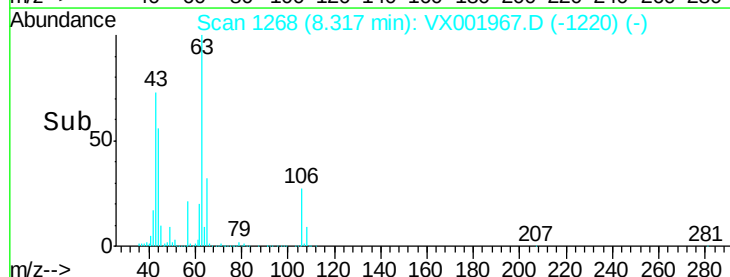
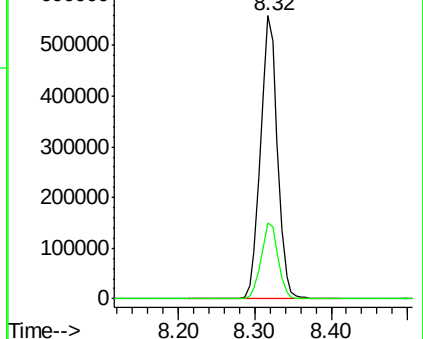
63 100

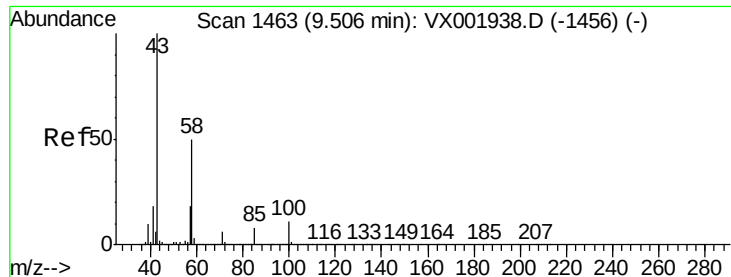
106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

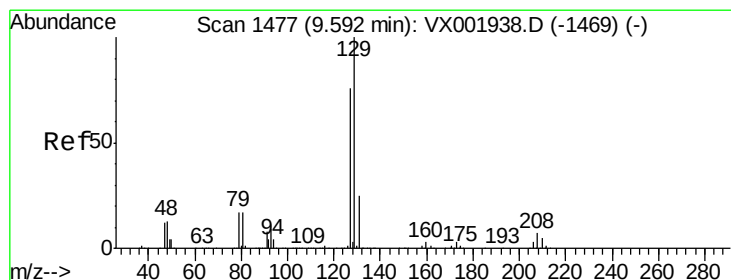
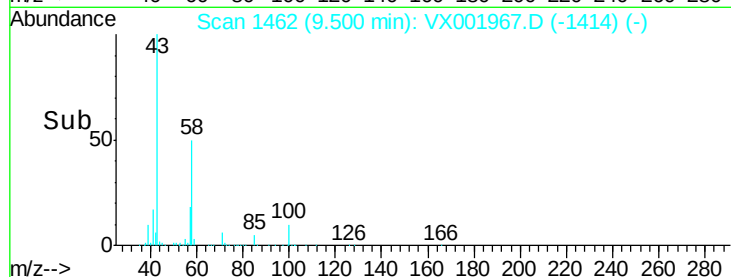
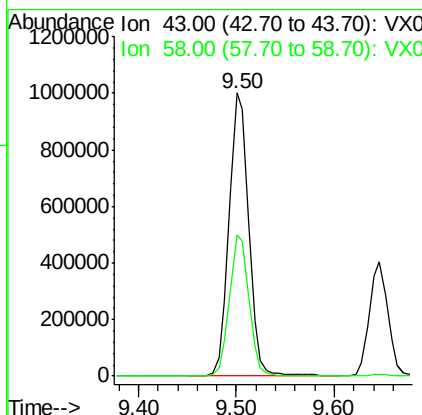
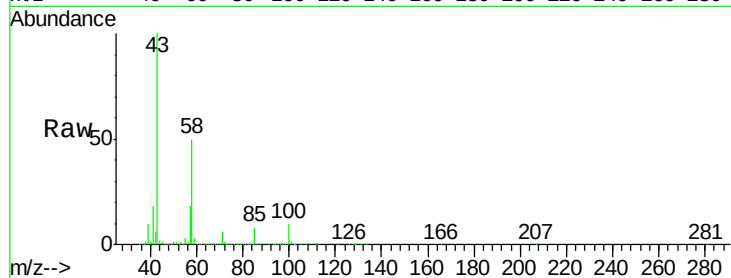




#59
2-Hexanone
Concen: 225.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

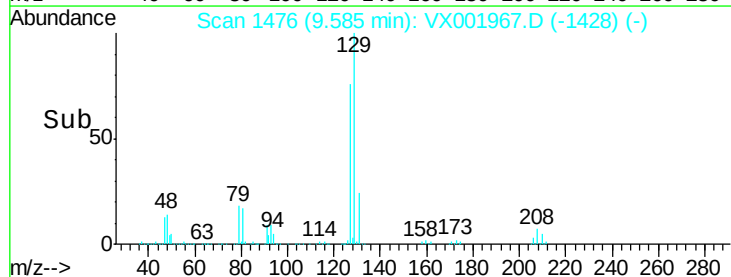
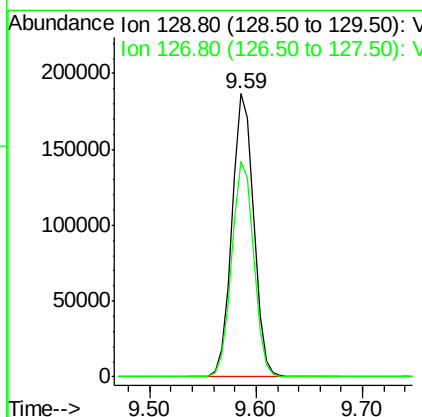
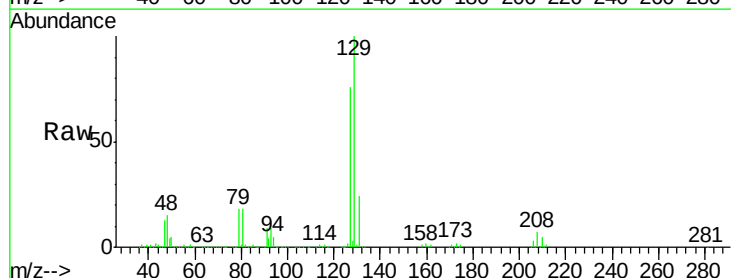
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

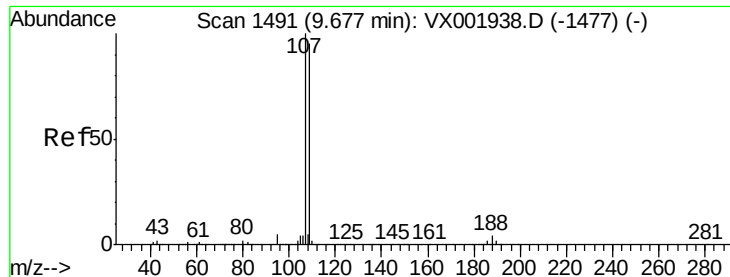
Tgt Ion: 43 Resp: 1394777
Ion Ratio Lower Upper
43 100
58 49.9 24.9 74.6



#60
Dibromochloromethane
Concen: 47.66 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 129 Resp: 268927
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.13 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

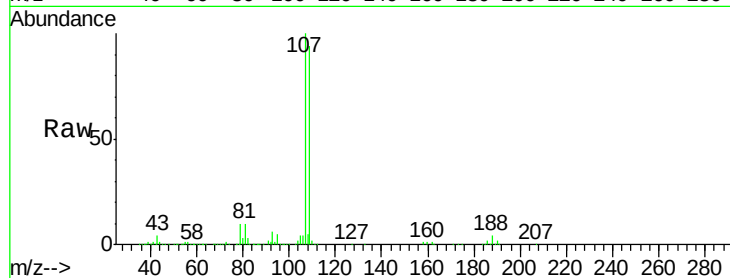
VSTDCCC050

Tgt Ion: 107 Resp: 235606

Ion Ratio Lower Upper

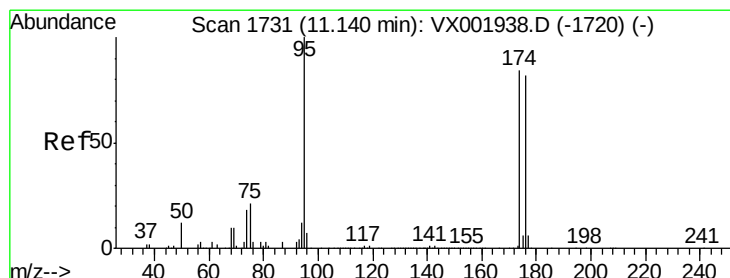
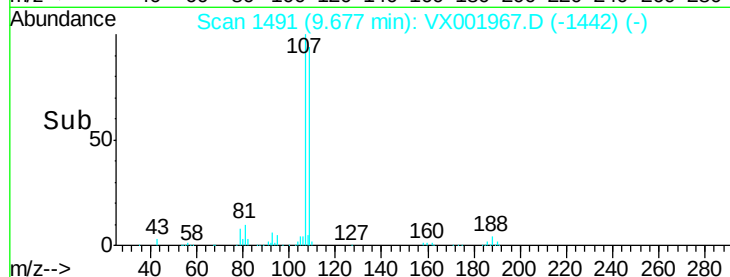
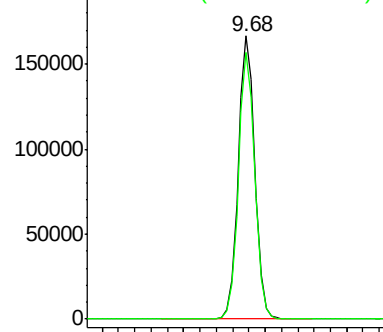
107 100

109 93.1 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: 49.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

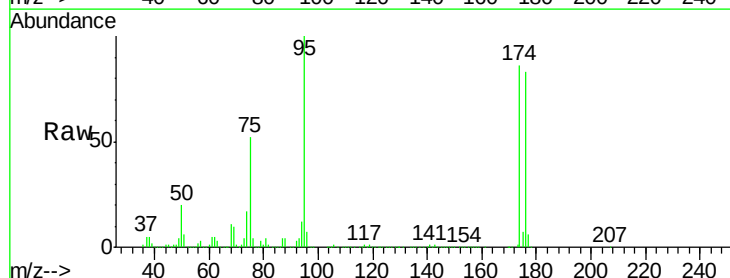
Tgt Ion: 95 Resp: 310416

Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.8

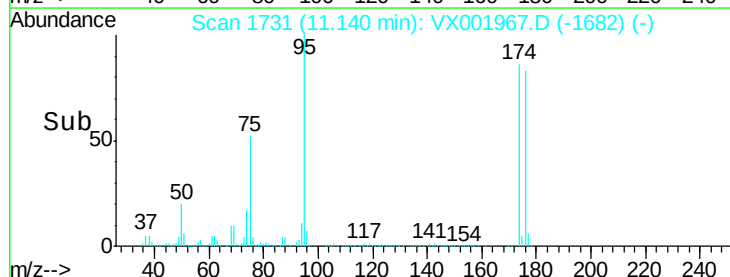
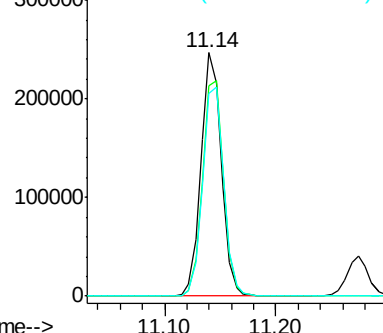
176 89.6 0.0 175.6

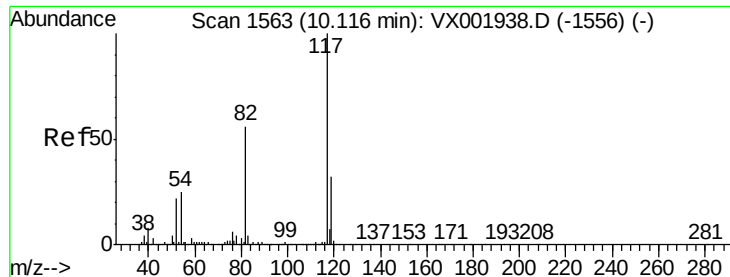


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

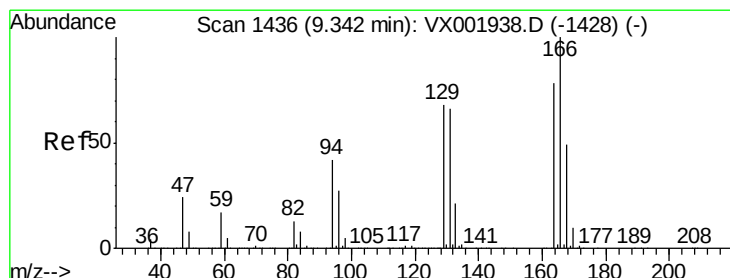
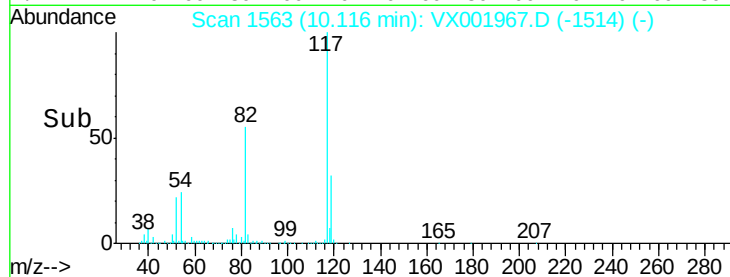
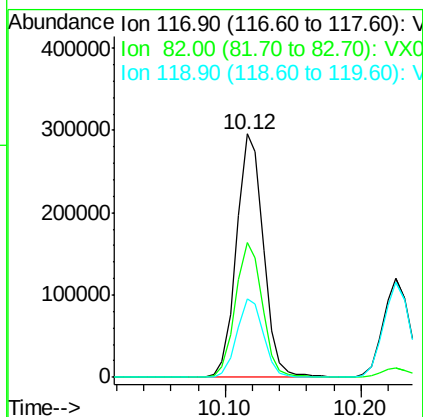
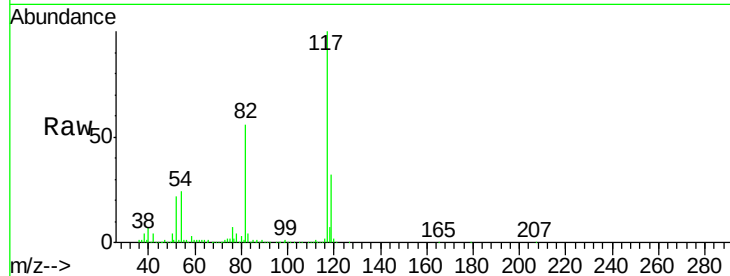




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

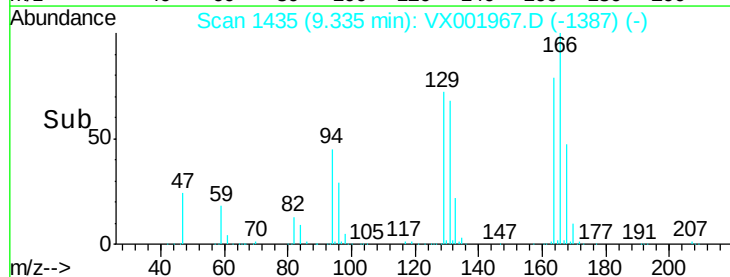
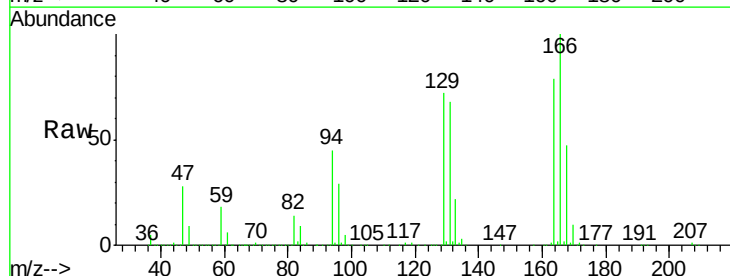
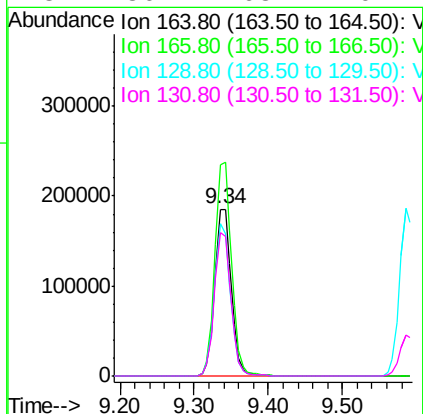
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

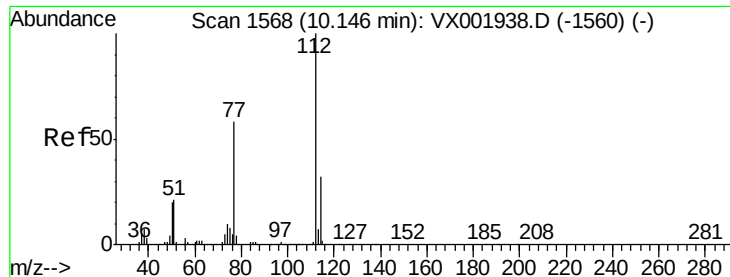
Tgt Ion:117 Resp: 406995
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 48.47 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion:164 Resp: 282819
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 91.4 70.3 105.5
131 86.2 68.2 102.4





#65

Chlorobenzene

Concen: 47.91 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

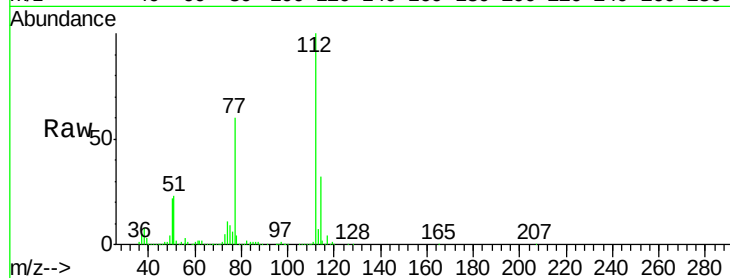
VSTDCCC050

Tgt Ion:112 Resp: 617799

Ion Ratio Lower Upper

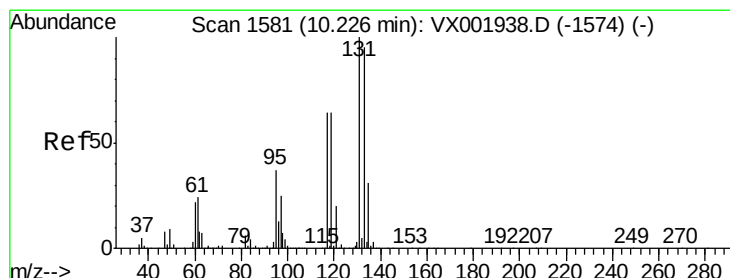
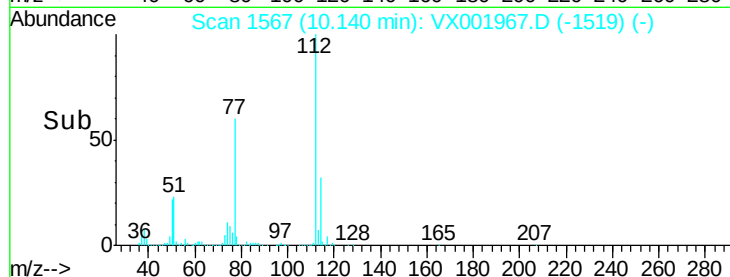
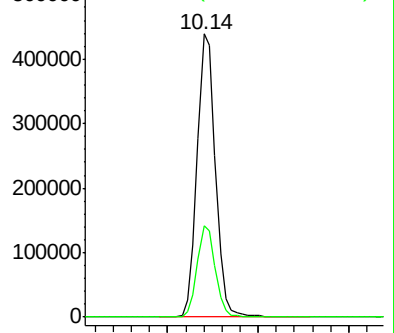
112 100

114 32.2 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.73 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

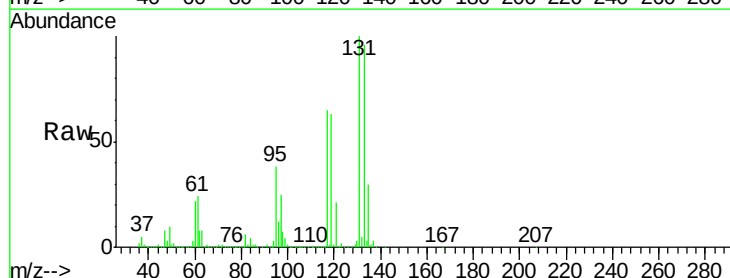
Tgt Ion:131 Resp: 243327

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.0

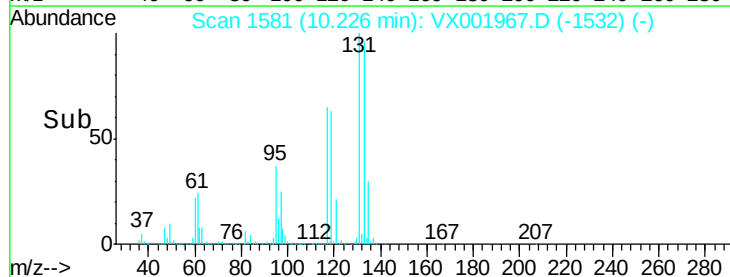
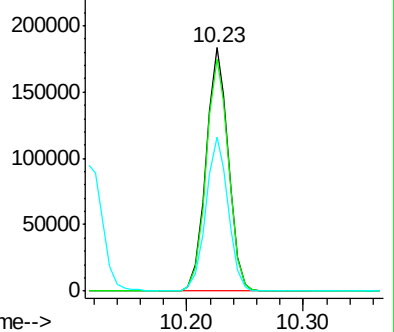
119 63.5 31.9 95.5

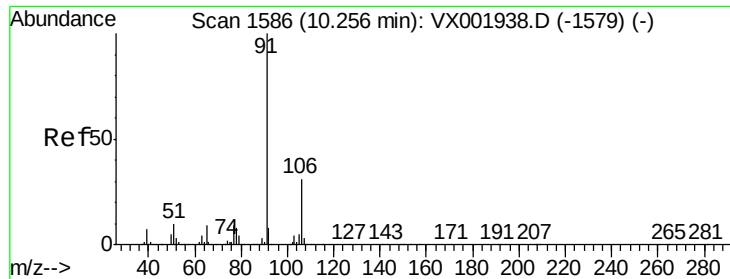


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

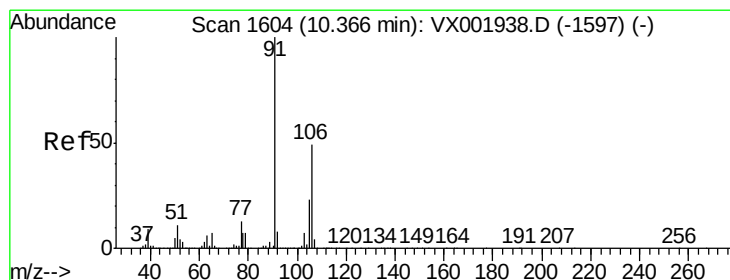
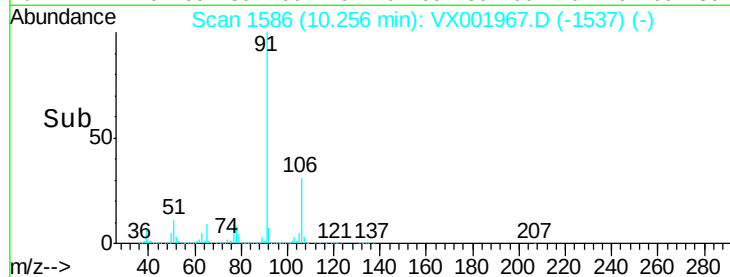
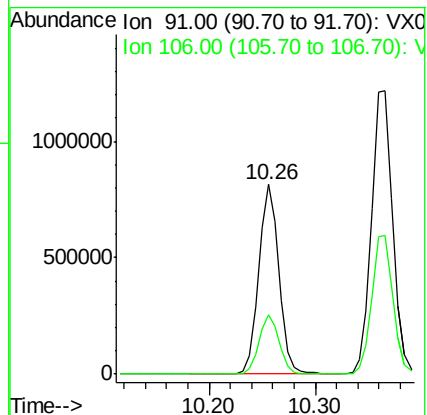
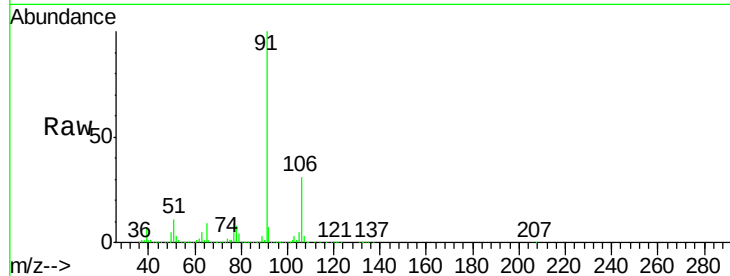
VSTDCCC050

Tgt Ion: 91 Resp: 1081896

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 97.78 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001967.D

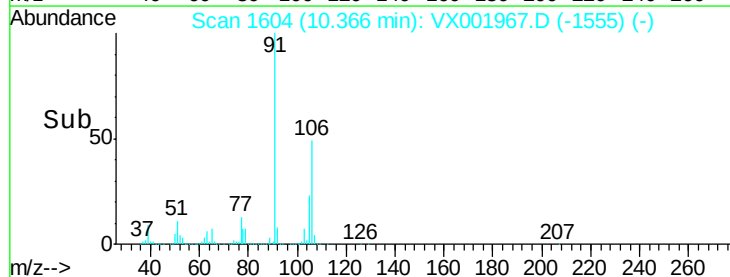
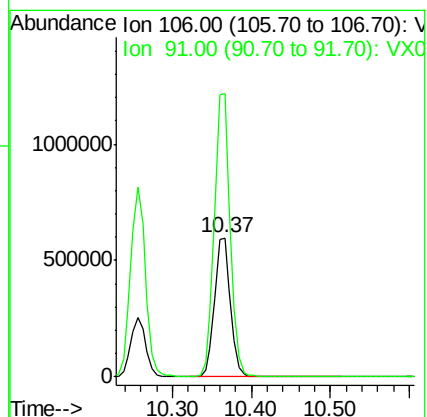
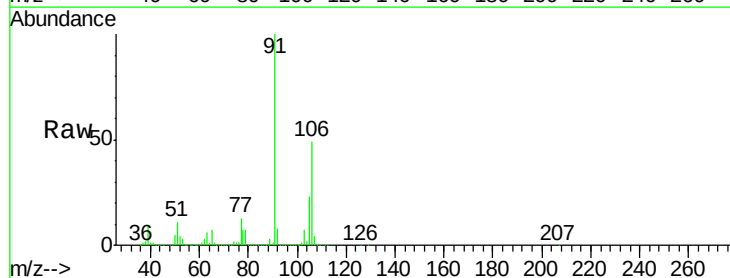
Acq: 25 May 2018 10:07

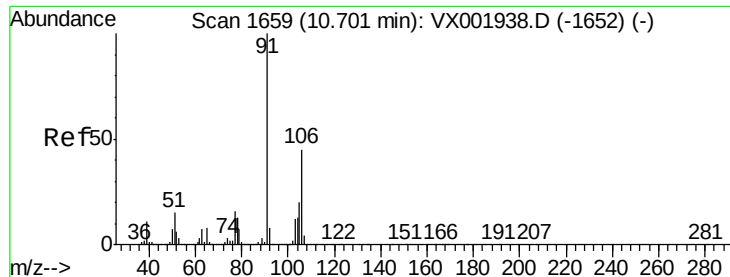
Tgt Ion: 106 Resp: 837416

Ion Ratio Lower Upper

106 100

91 204.1 165.0 247.6

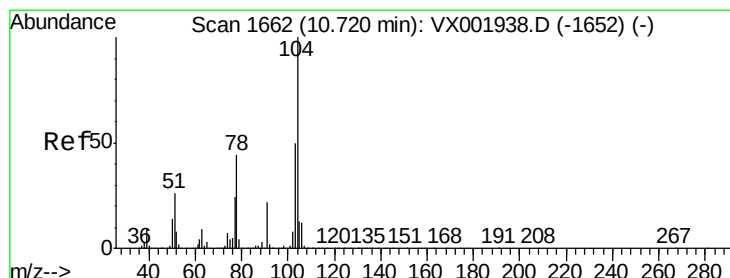
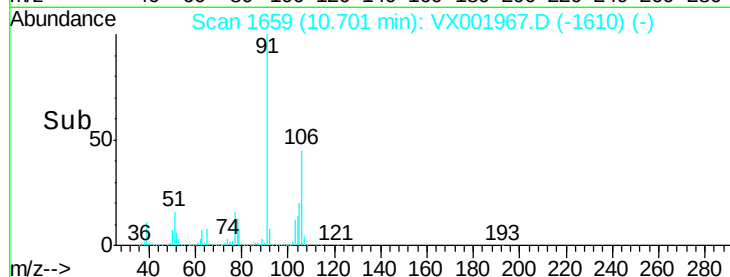
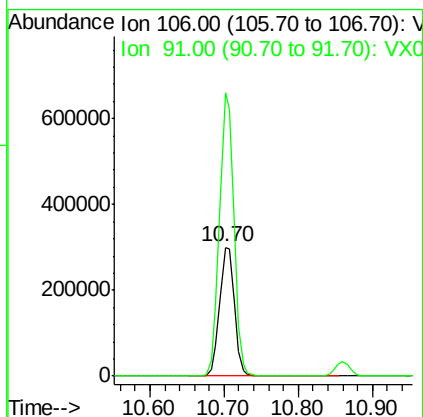
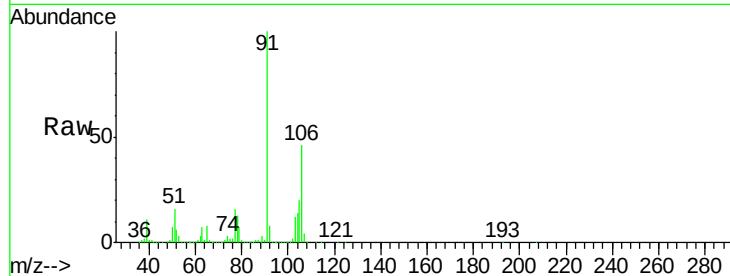




#69
o-Xylene
Concen: 48.03 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

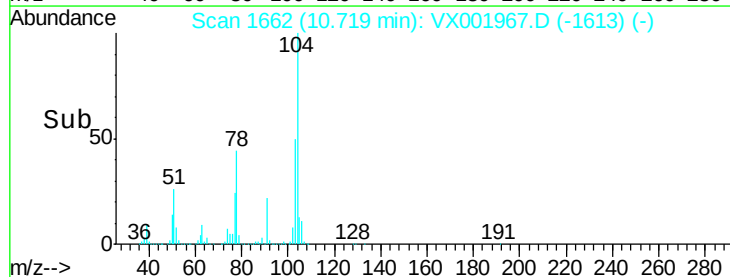
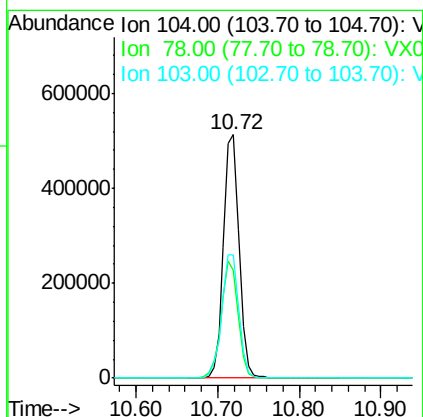
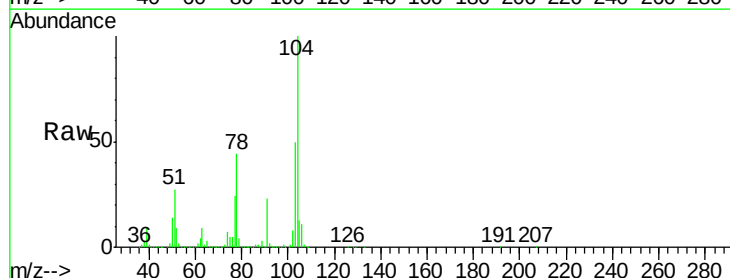
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

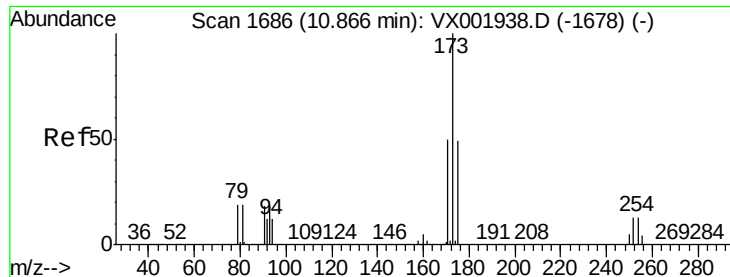
Tgt Ion:106 Resp: 410738
Ion Ratio Lower Upper
106 100
91 215.2 108.7 325.9



#70
Styrene
Concen: 48.36 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion:104 Resp: 685830
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.6
103 55.6 44.6 67.0





#71

Bromoform

Concen: 47.53 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

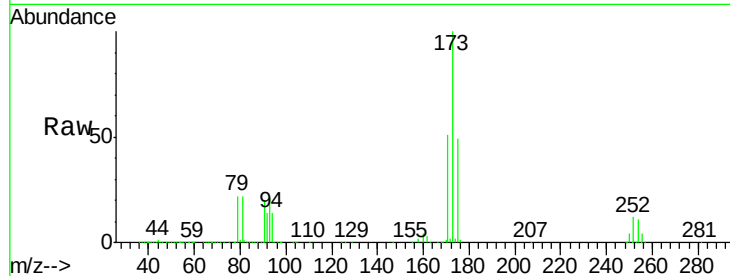
Tgt Ion:173 Resp: 234687

Ion Ratio Lower Upper

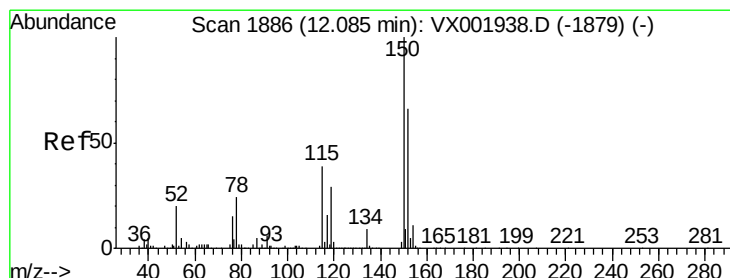
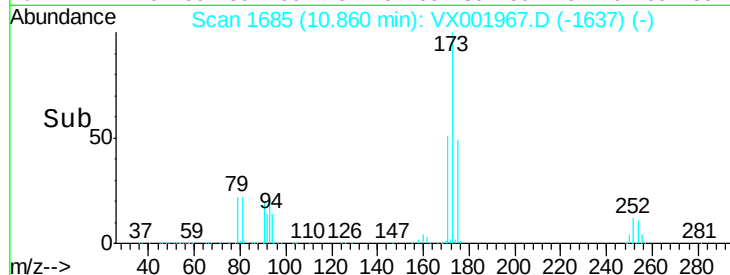
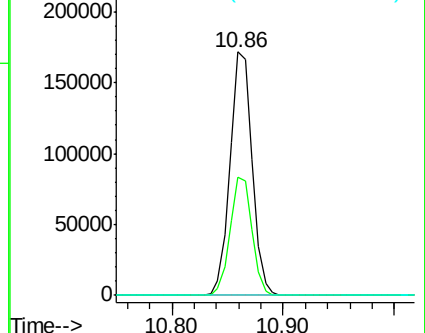
173 100

175 48.4 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

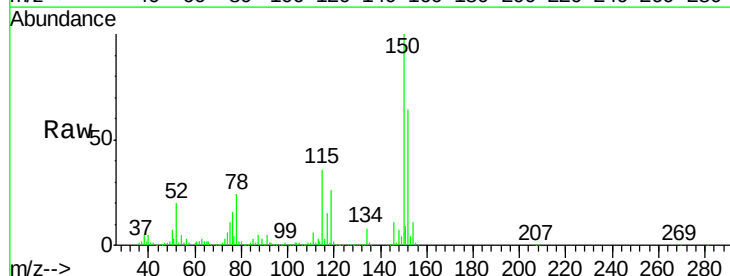
Tgt Ion:152 Resp: 289081

Ion Ratio Lower Upper

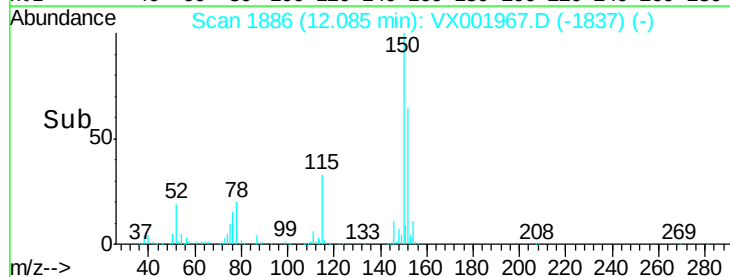
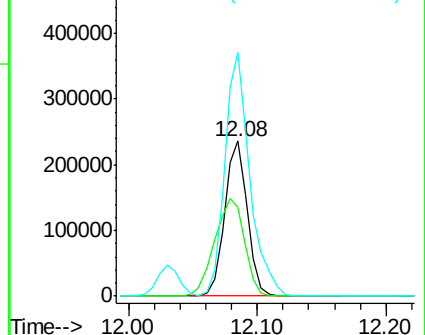
152 100

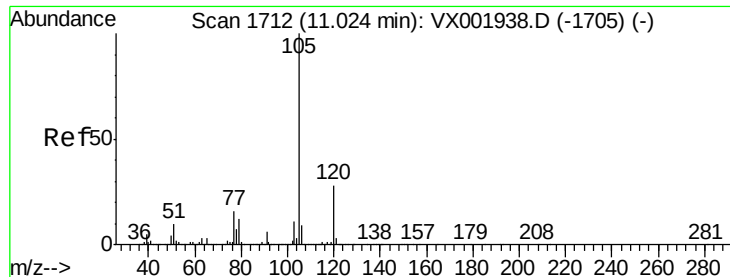
115 83.7 42.3 126.8

150 174.7 0.0 351.0



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: 45.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

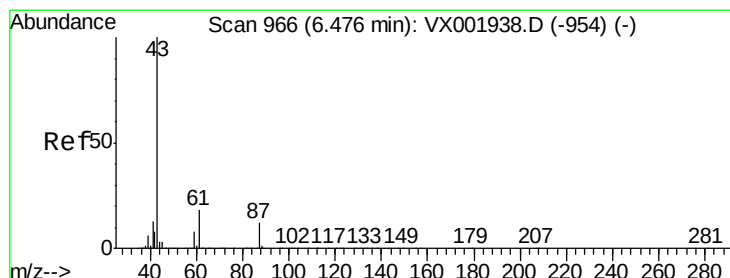
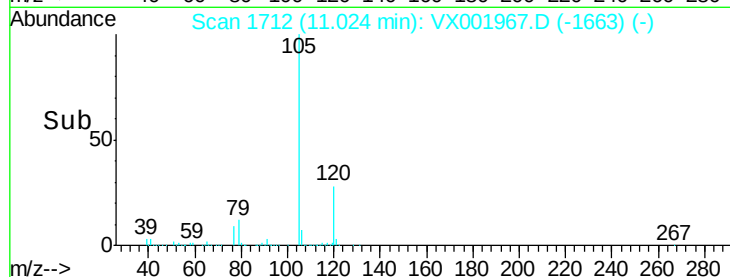
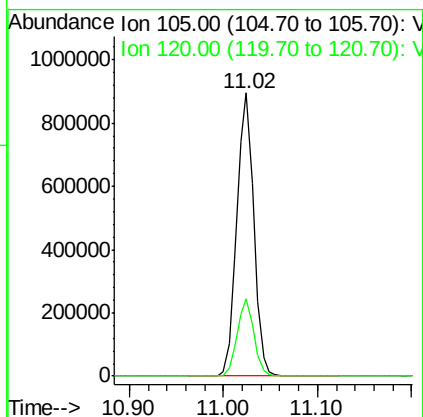
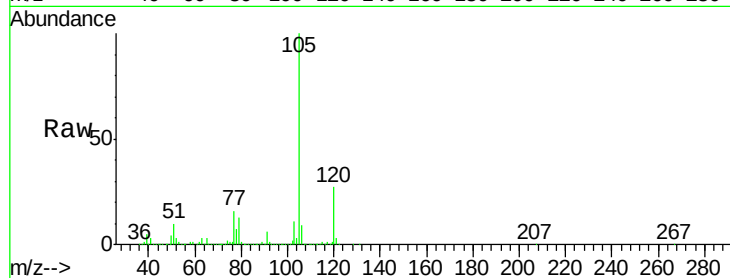
VSTDCCC050

Tgt Ion:105 Resp: 1119331

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 46.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Tgt Ion: 43 Resp: 598864

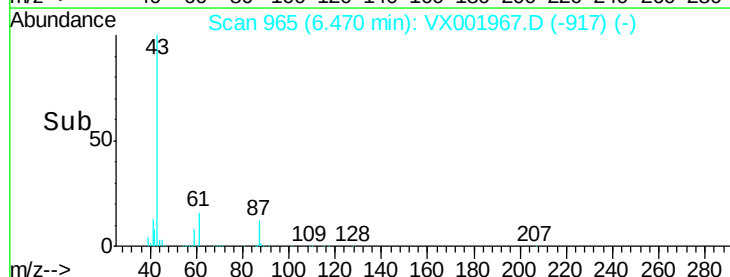
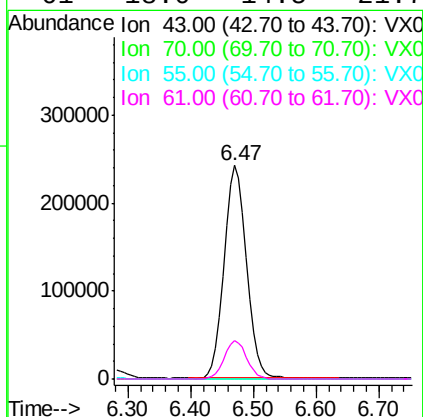
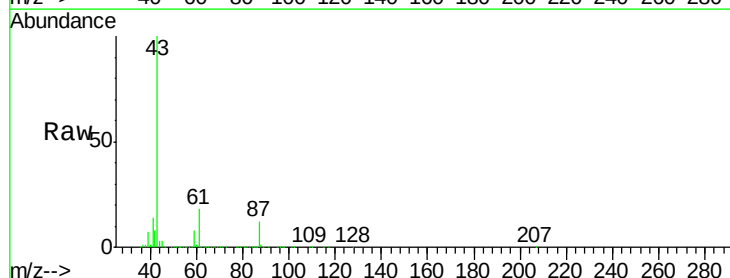
Ion Ratio Lower Upper

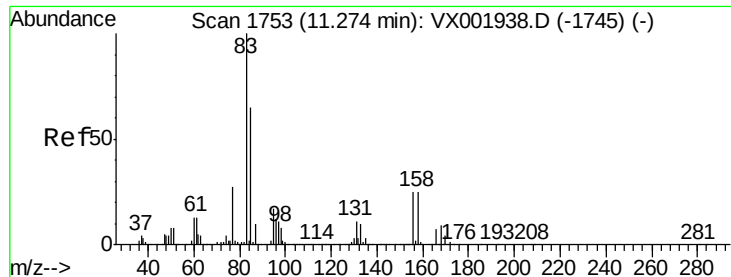
43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 18.0 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.83 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

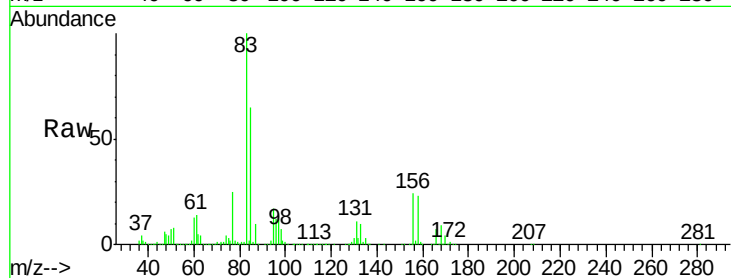
Tgt Ion: 83 Resp: 314090

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

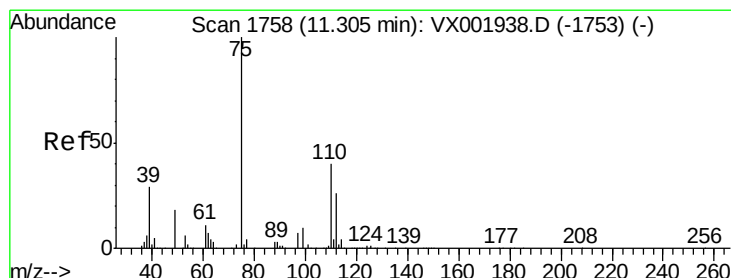
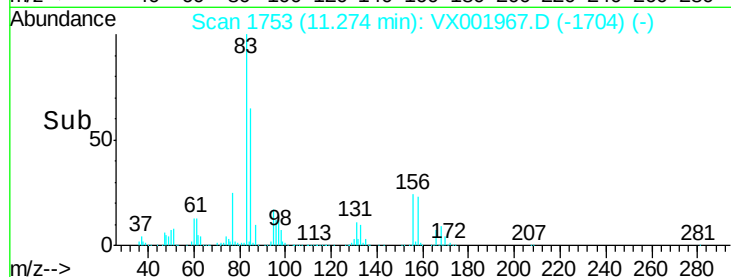
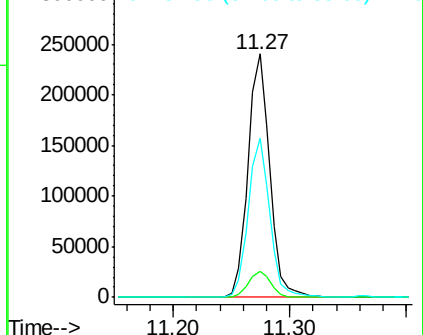
85 65.1 32.6 97.7



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: 61.46 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001967.D

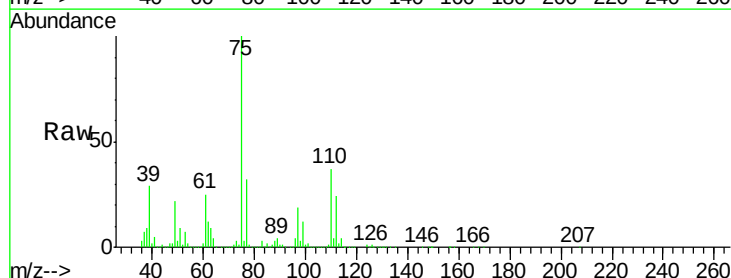
Acq: 25 May 2018 10:07

Tgt Ion: 75 Resp: 426730

Ion Ratio Lower Upper

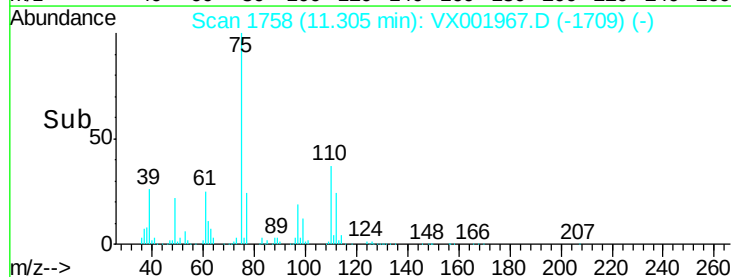
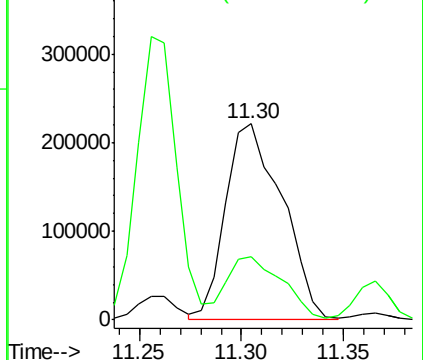
75 100

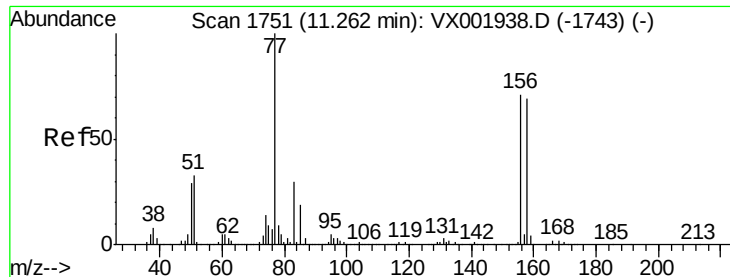
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.65 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

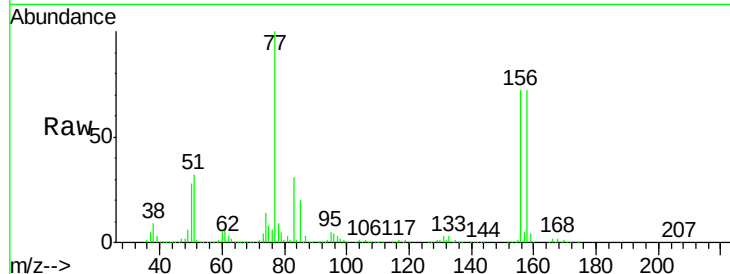
Tgt Ion:156 Resp: 296471

Ion Ratio Lower Upper

156 100

77 144.6 75.2 225.6

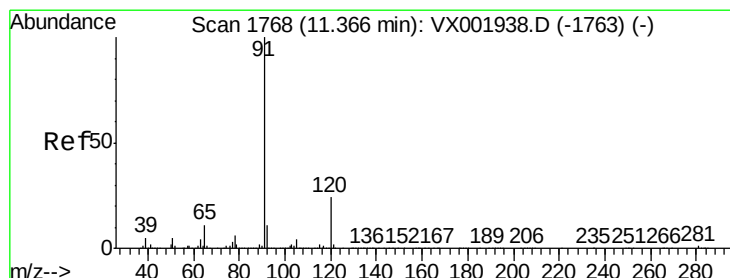
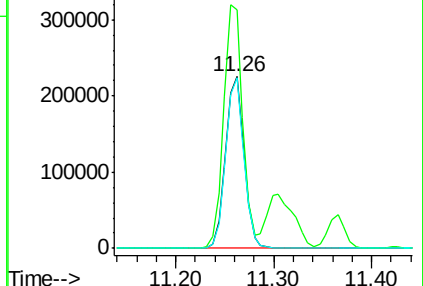
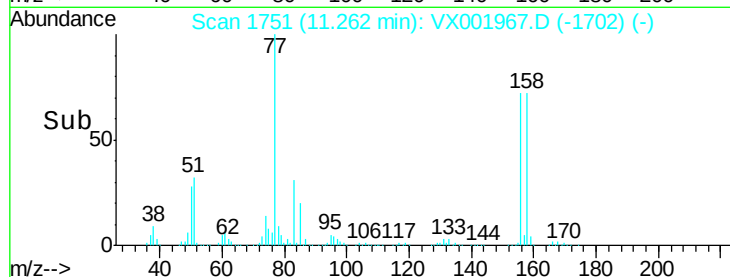
158 97.8 48.6 145.8



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: 46.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001967.D

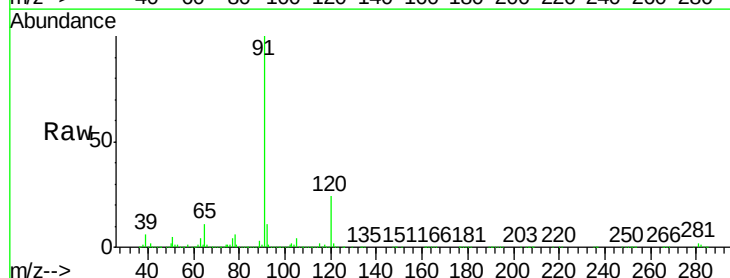
Acq: 25 May 2018 10:07

Tgt Ion: 91 Resp: 1280479

Ion Ratio Lower Upper

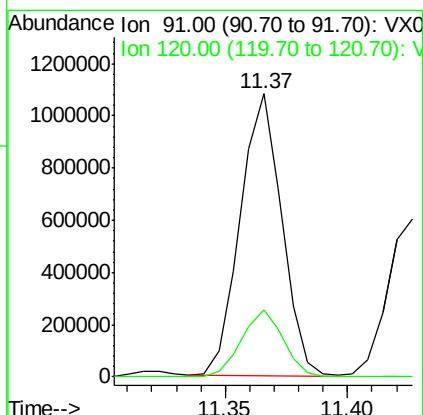
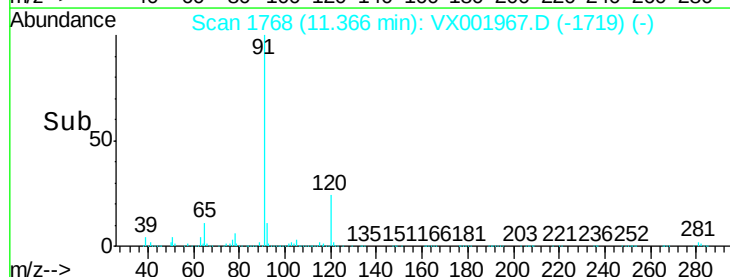
91 100

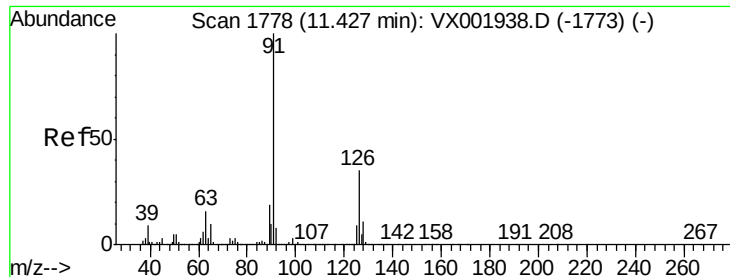
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.33 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

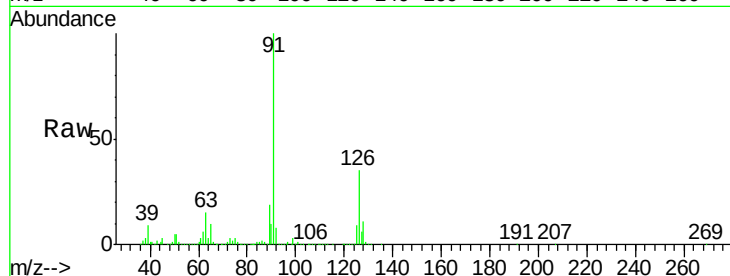
VSTDCCC050

Tgt Ion: 91 Resp: 756780

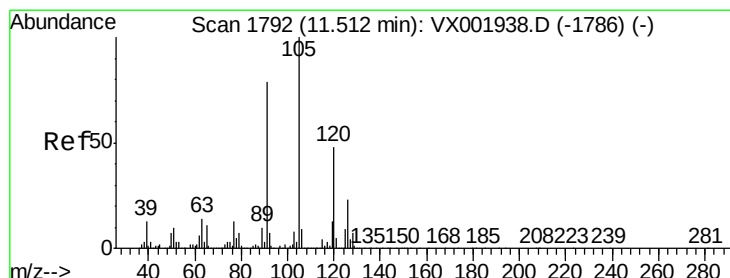
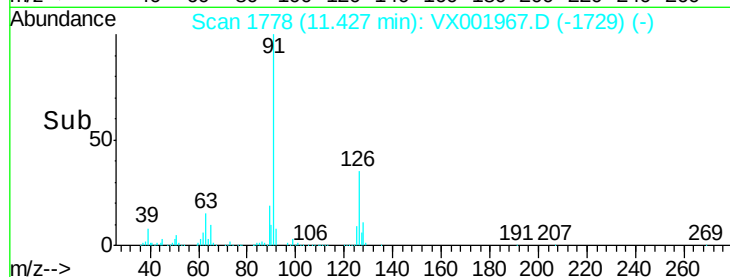
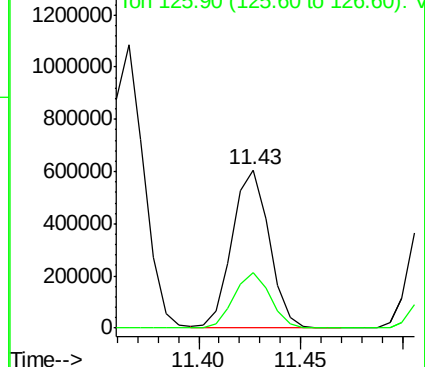
Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001967.D

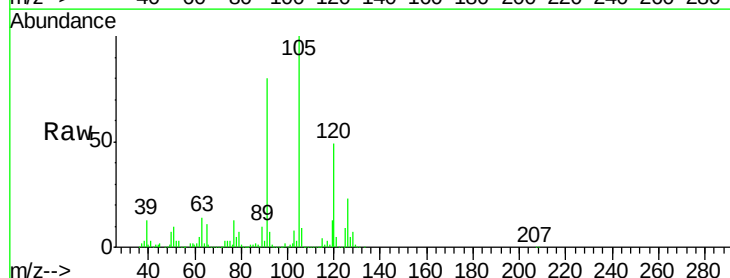
Acq: 25 May 2018 10:07

Tgt Ion: 105 Resp: 965195

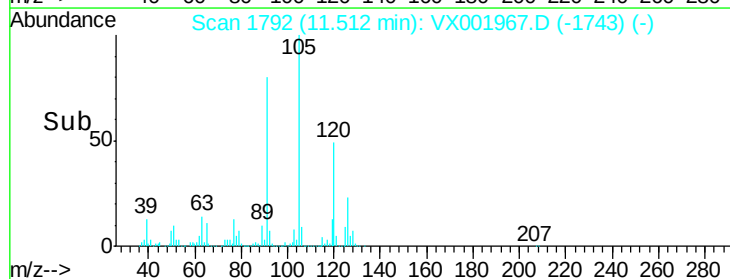
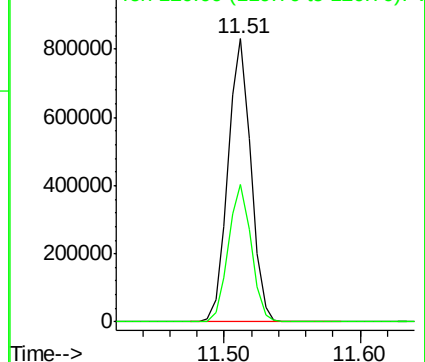
Ion Ratio Lower Upper

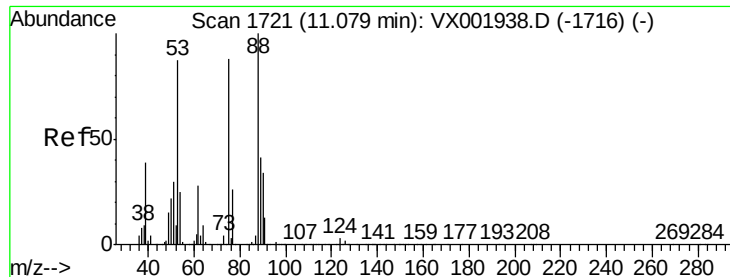
105 100

120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX001938.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.34 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

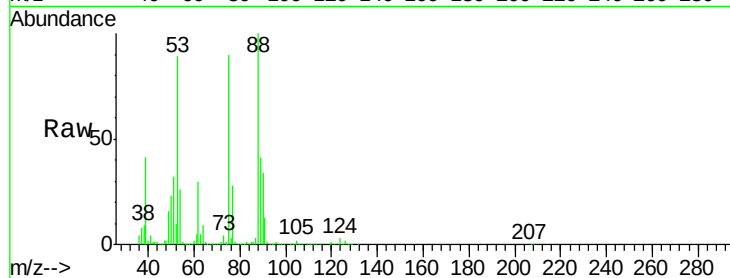
Tgt Ion: 75 Resp: 122311

Ion Ratio Lower Upper

75 100

53 99.6 78.0 117.0

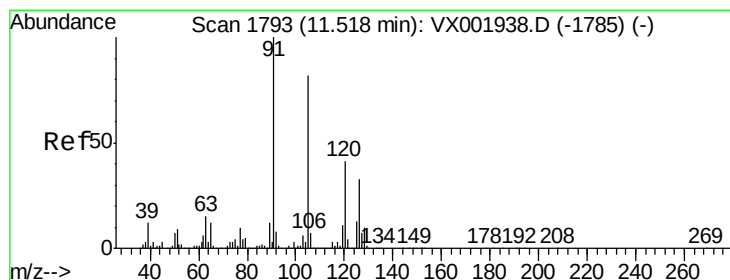
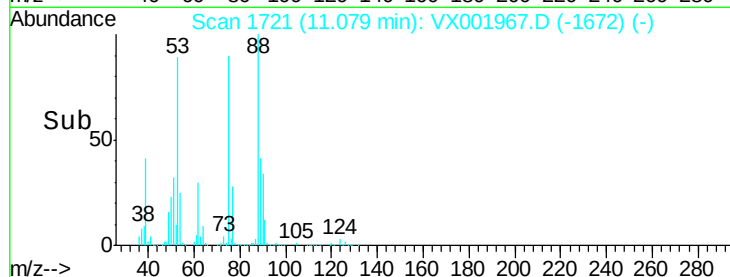
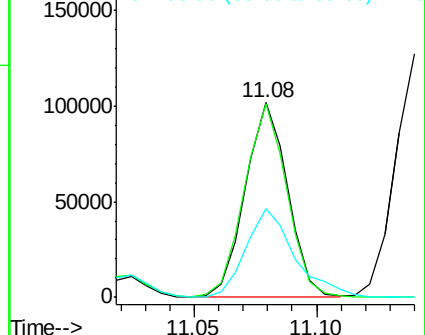
89 53.2 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.48 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001967.D

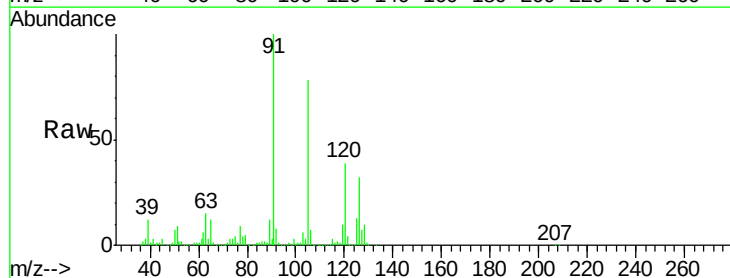
Acq: 25 May 2018 10:07

Tgt Ion: 91 Resp: 898800

Ion Ratio Lower Upper

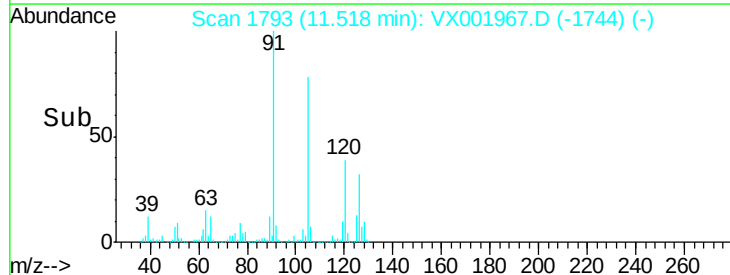
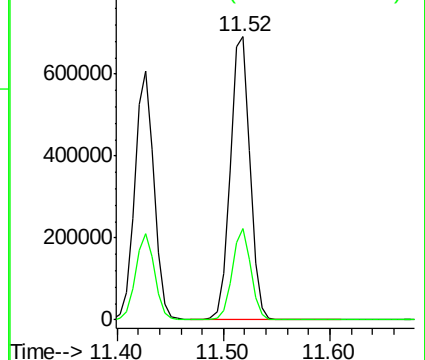
91 100

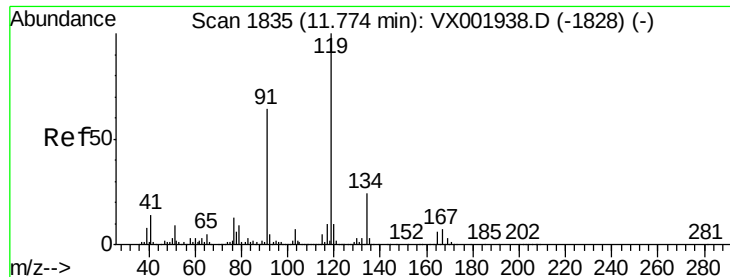
126 30.4 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

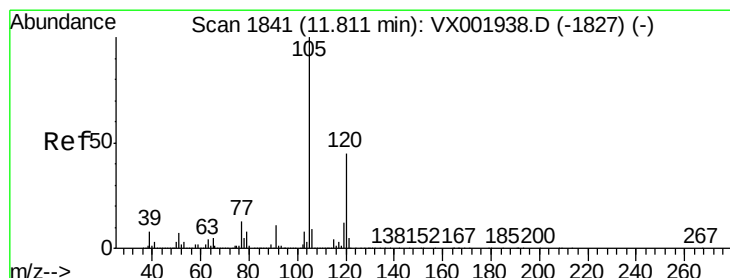
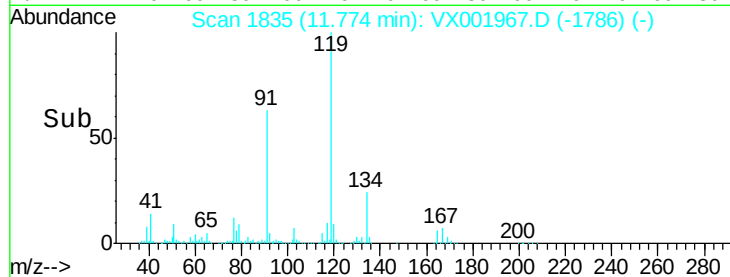
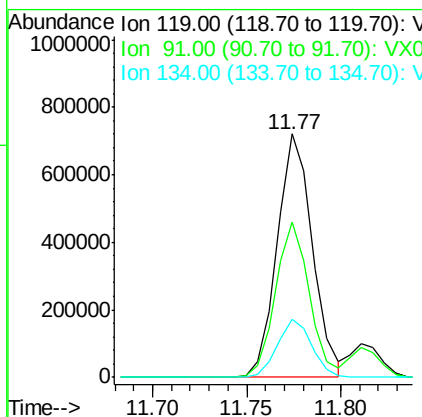
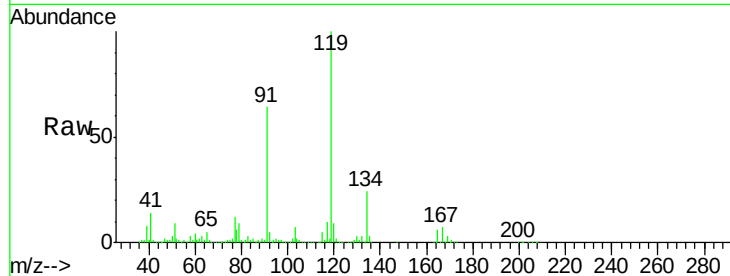




#83
 tert-Butylbenzene
 Concen: 45.47 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

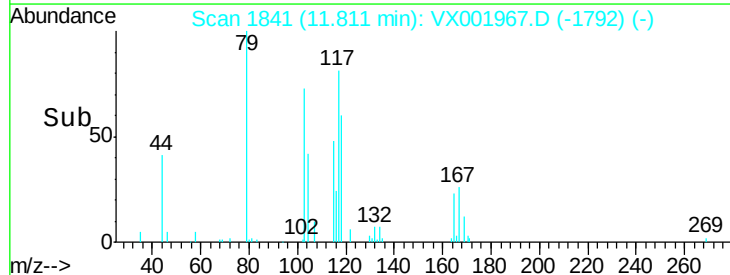
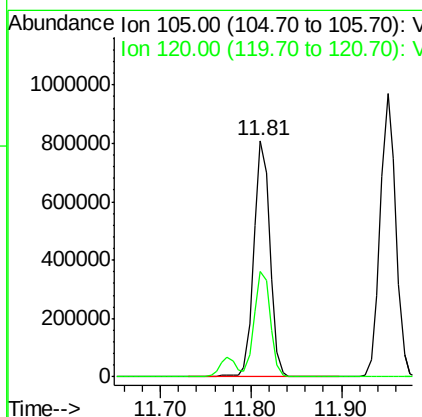
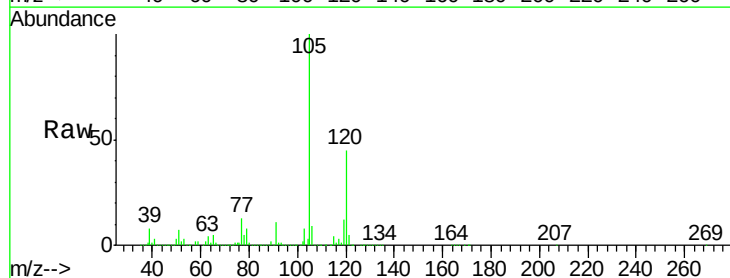
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

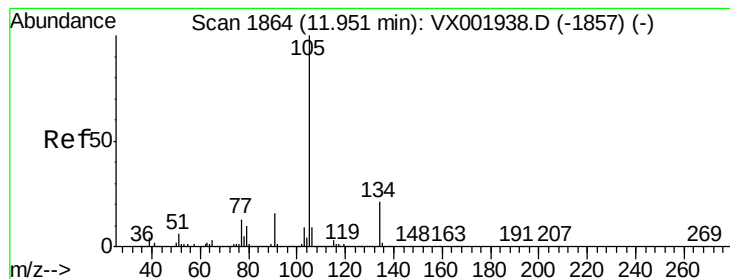
Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.6	91.8
134	23.3	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.72 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.5





#85

sec-Butylbenzene

Concen: 46.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

Instrument :

MSVOA_X

ClientSampleId :

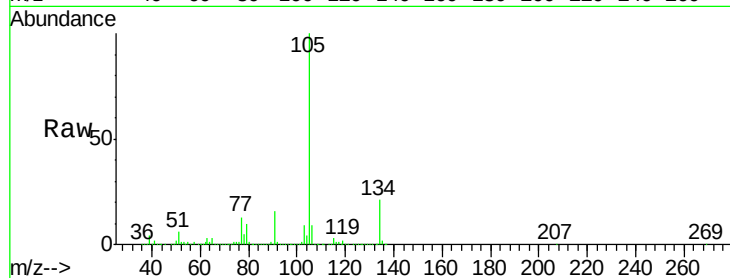
VSTDCCC050

Tgt Ion:105 Resp: 1155588

Ion Ratio Lower Upper

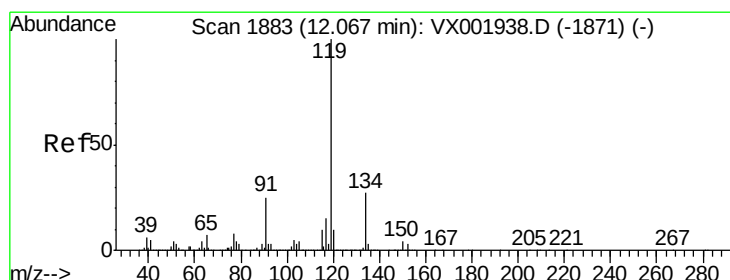
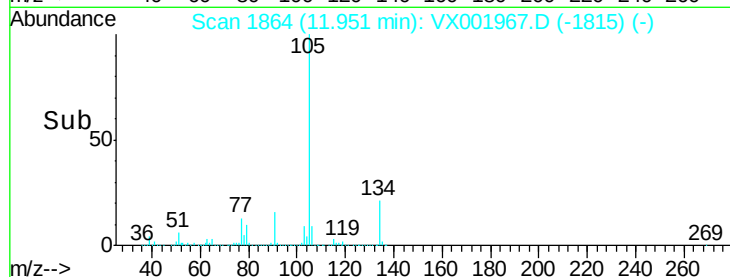
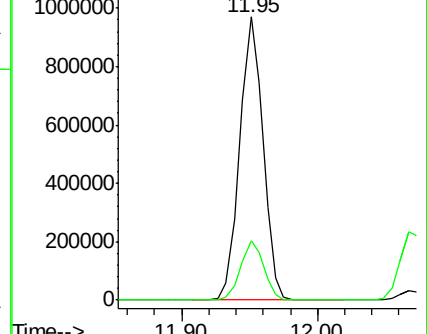
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001967.D

Acq: 25 May 2018 10:07

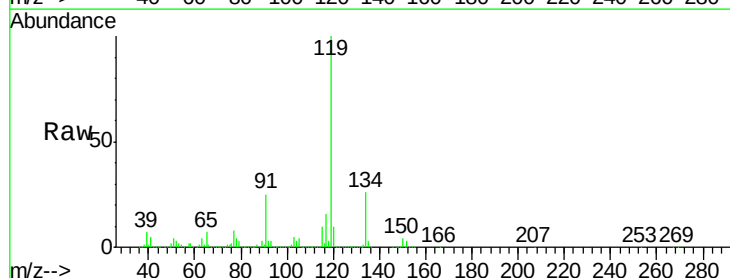
Tgt Ion:119 Resp: 1058153

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

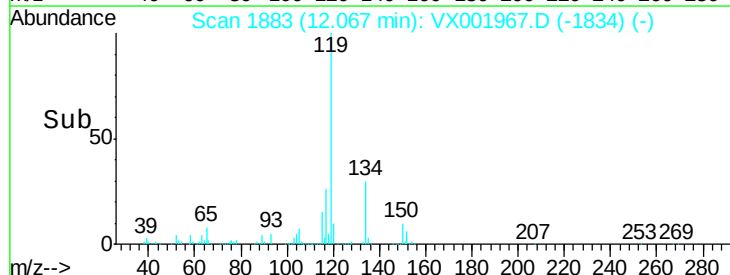
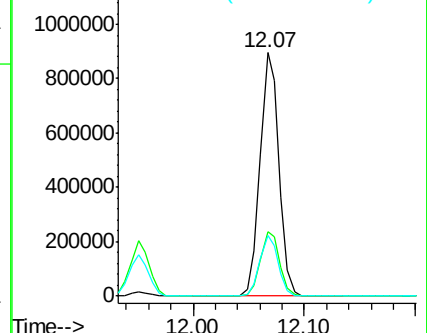
91 24.3 12.2 36.4

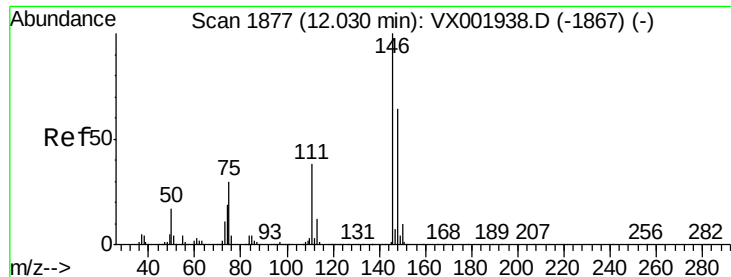


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

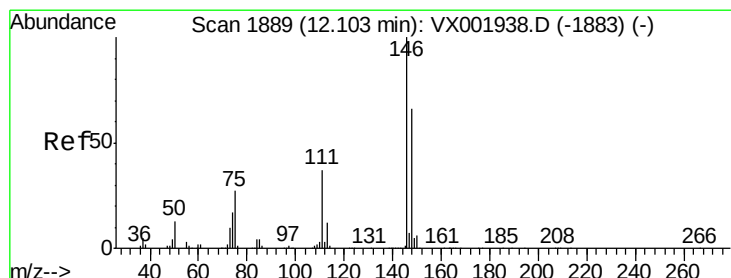
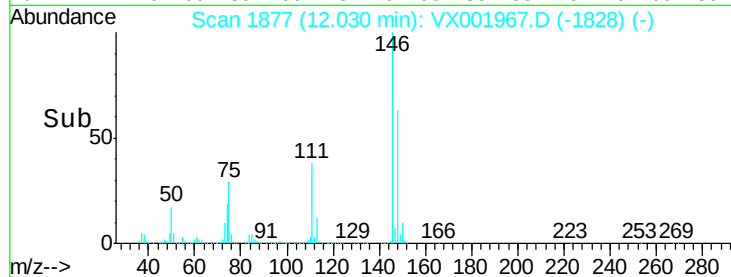
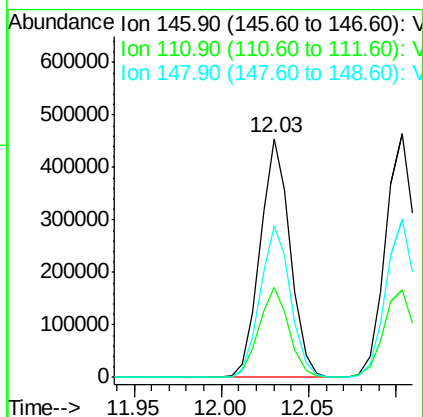
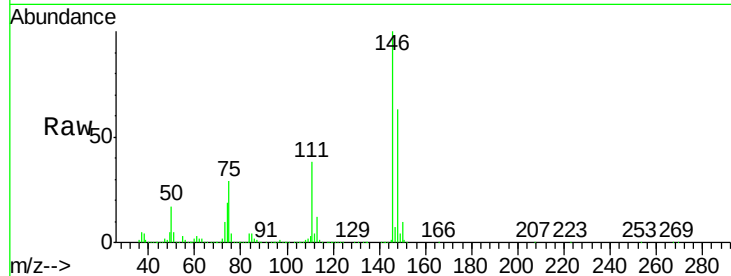




#87
 1,3-Dichlorobenzene
 Concen: 47.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

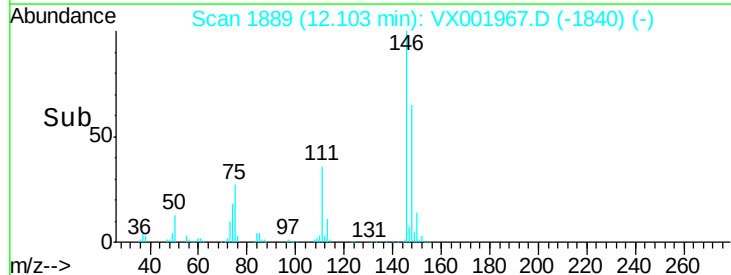
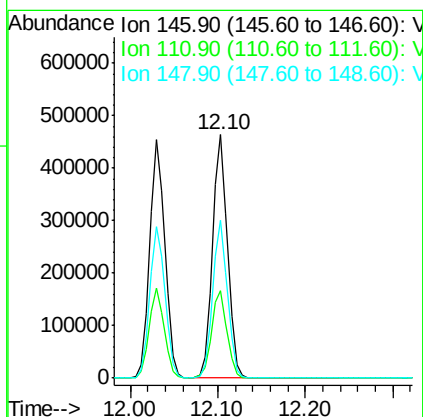
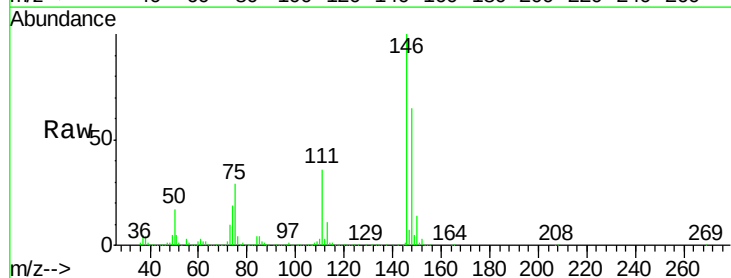
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

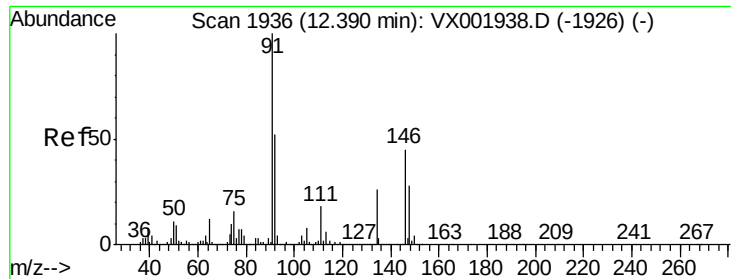
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.8
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.5
148	64.2	32.3	96.8

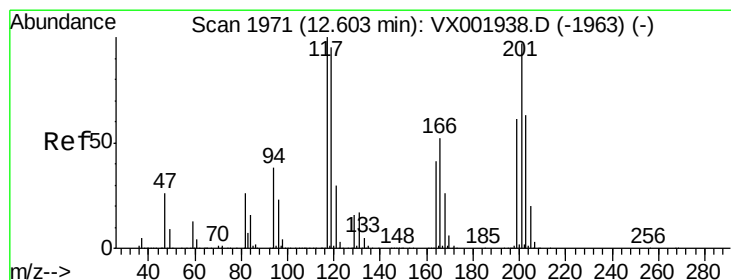
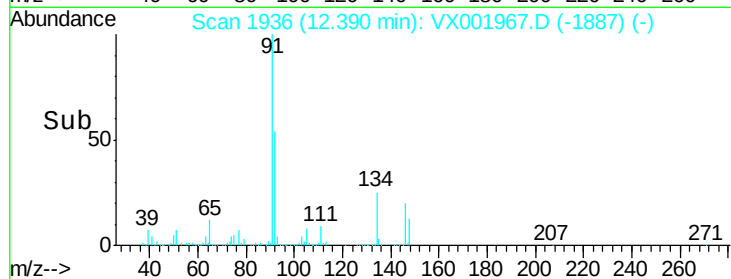
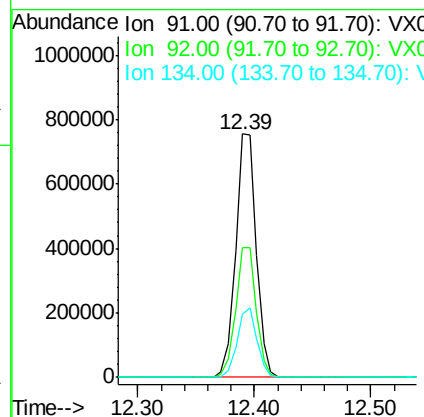
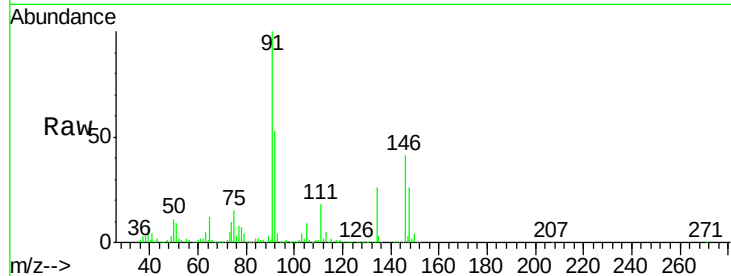




#89
n-Butylbenzene
Concen: 49.54 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

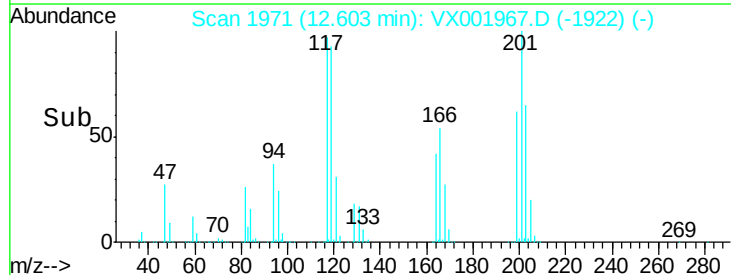
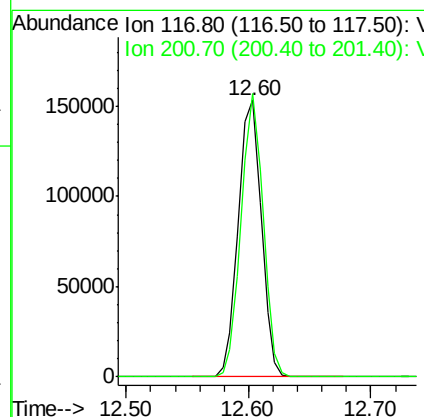
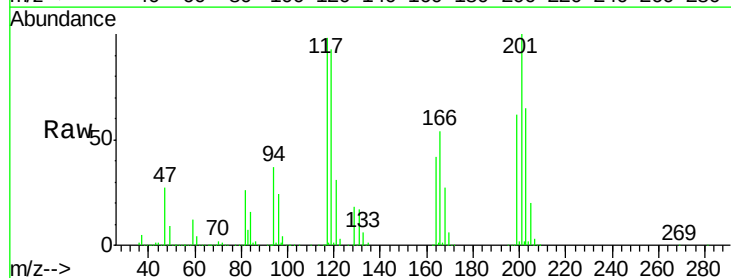
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

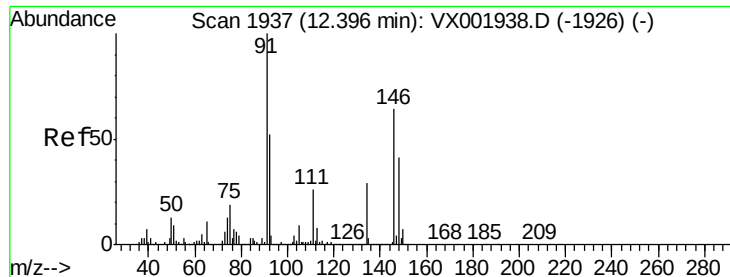
Tgt Ion: 91 Resp: 926987
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 45.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion: 117 Resp: 199292
Ion Ratio Lower Upper
117 100
201 97.8 48.0 144.0

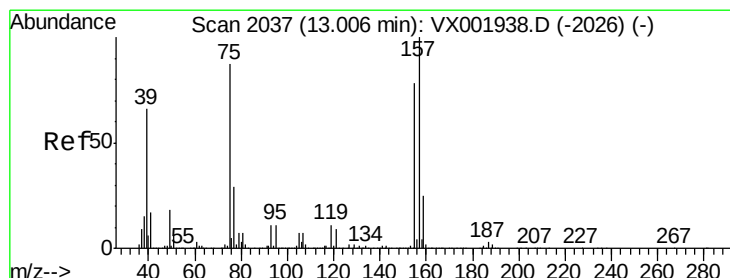
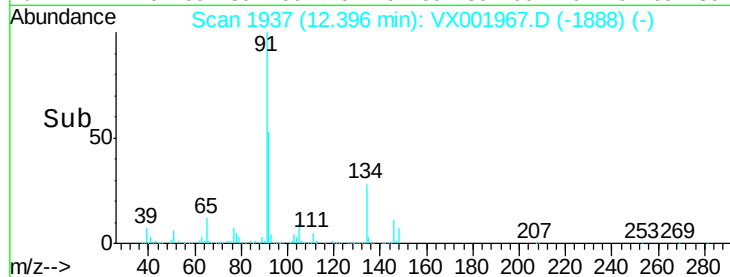
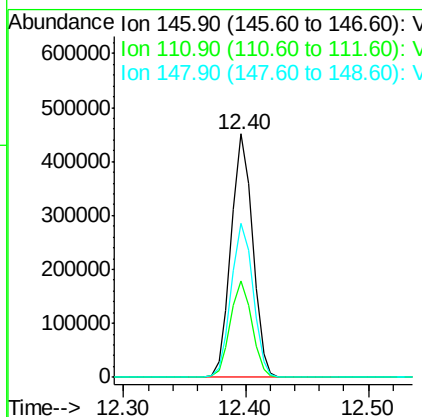
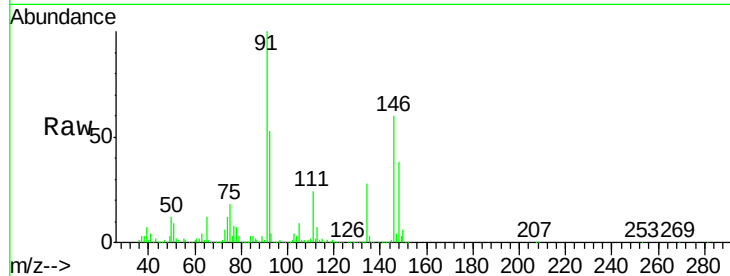




#91
 1,2-Dichlorobenzene
 Concen: 46.27 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

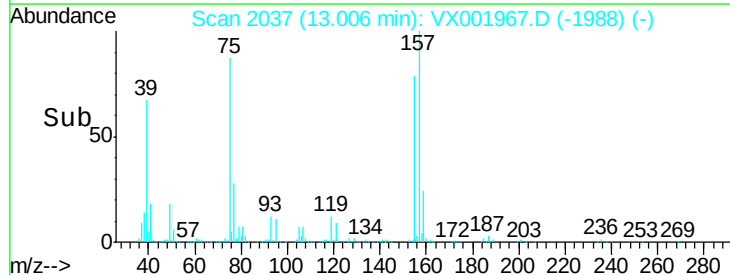
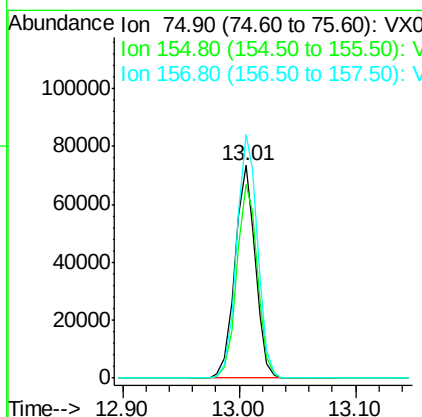
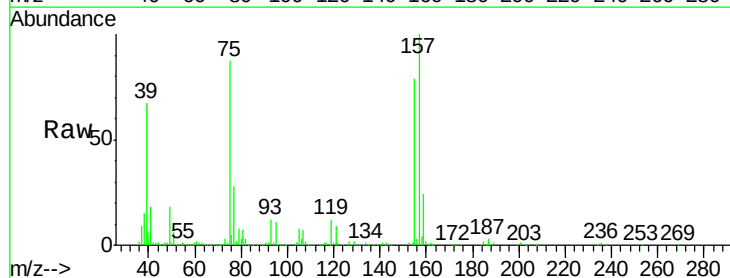
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

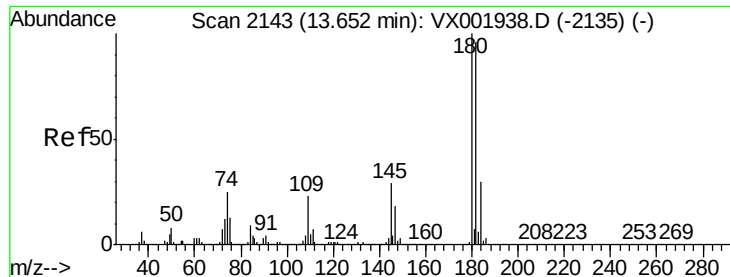
Tgt Ion:146 Resp: 548368
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.3
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion: 75 Resp: 89214
 Ion Ratio Lower Upper
 75 100
 155 92.4 45.1 135.2
 157 117.2 58.1 174.2

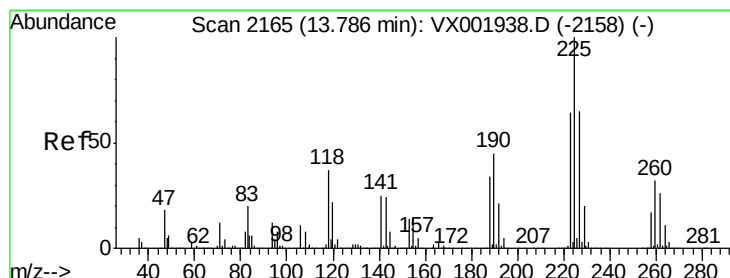
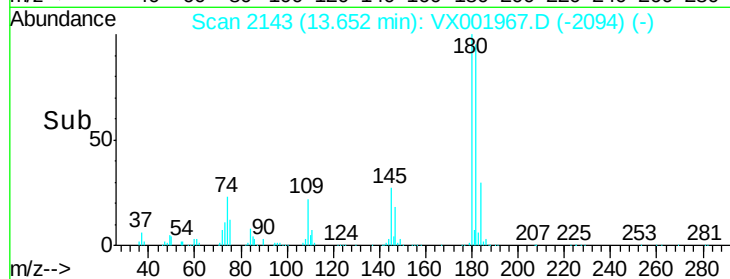
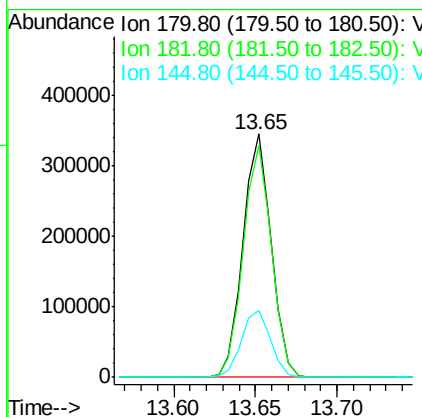
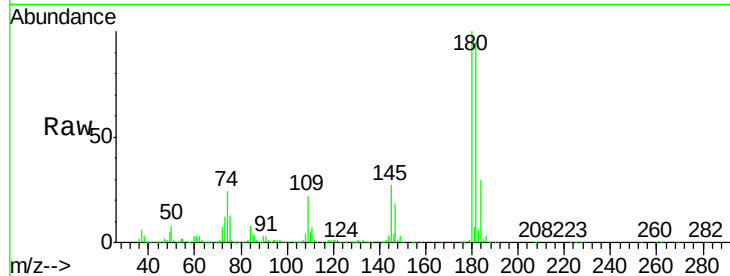




#93
 1,2,4-Trichlorobenzene
 Concen: 49.28 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

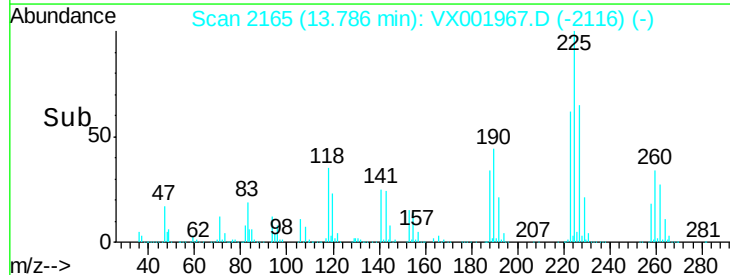
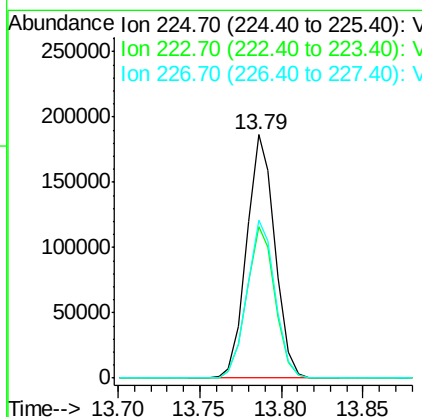
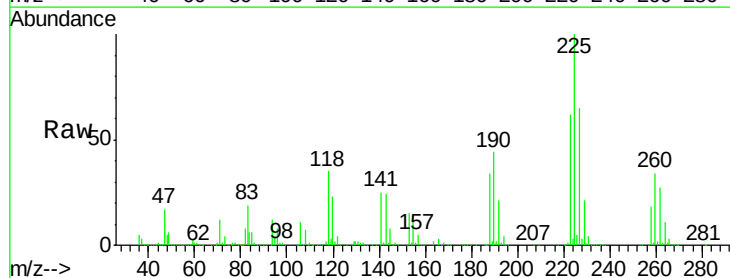
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

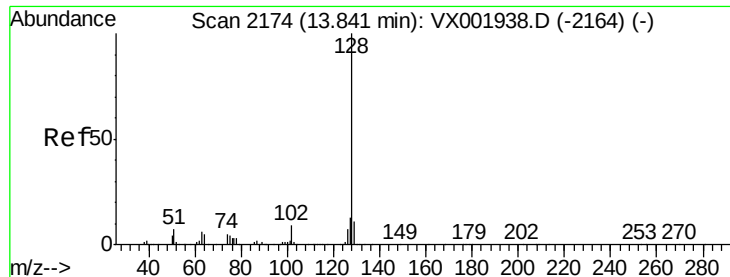
Tgt Ion:180 Resp: 417621
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.1 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 49.30 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001967.D
 Acq: 25 May 2018 10:07

Tgt Ion:225 Resp: 224727
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 64.5 32.1 96.5

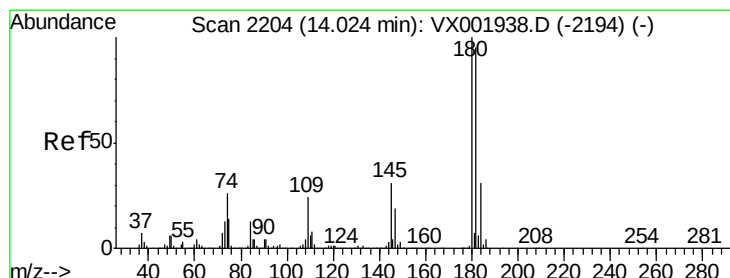
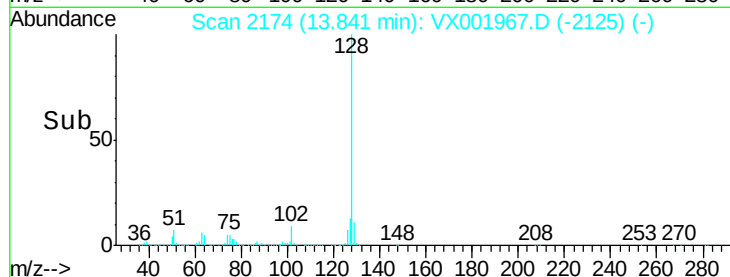
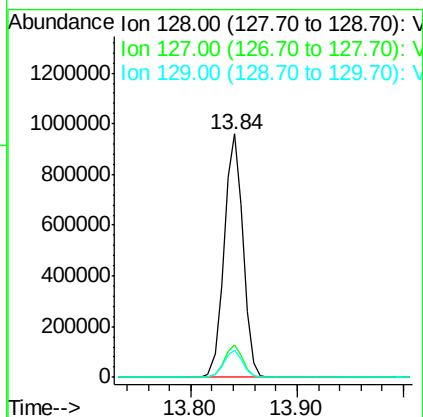
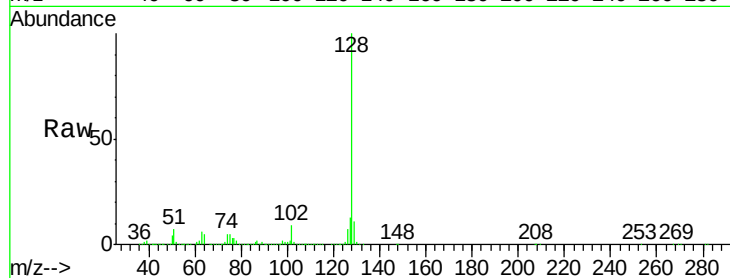




#95
Naphthalene
Concen: 45.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1181518
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.77 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001967.D
Acq: 25 May 2018 10:07

Tgt Ion:180 Resp: 418915
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 30.6 15.1 45.3

