

Data File : VX001315.D

Acq On : 02 May 2018 13:21

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 03 05:00:39 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	117982	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	99669	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	8.72	98	368770	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
62) 4-Bromofluorobenzene	11.14	95	143317	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101598	53.75	ug/l	98
3) Chloromethane	1.32	50	93678	50.48	ug/l	97
4) Vinyl Chloride	1.40	62	101279	51.85	ug/l	99
5) Bromomethane	1.64	94	72612	49.84	ug/l	98
6) Chloroethane	1.72	64	67485	54.65	ug/l	100
7) Trichlorofluoromethane	1.92	101	180862	54.86	ug/l	100
8) Diethyl Ether	2.19	74	62701	55.39	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101517	53.40	ug/l	98
10) Methyl Iodide	2.51	142	151823	71.26	ug/l	99
11) Tert butyl alcohol	3.09	59	129445	318.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91832	53.57	ug/l	95
13) Acrolein	2.30	56	54382	232.08	ug/l	99
14) Allyl chloride	2.73	41	166630	55.56	ug/l	100
15) Acrylonitrile	3.16	53	279024	295.82	ug/l	99
16) Acetone	2.45	43	286710	283.96	ug/l	100
17) Carbon Disulfide	2.57	76	221053	49.50	ug/l	98
18) Methyl Acetate	2.78	43	147475	61.84	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	324488	55.58	ug/l	99
20) Methylene Chloride	2.86	84	101115	55.68	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97169	52.08	ug/l	99
22) Diisopropyl ether	3.88	45	297055	51.43	ug/l	99
23) Vinyl Acetate	3.83	43	1289133	263.39	ug/l	99
24) 1,1-Dichloroethane	3.70	63	180539	56.11	ug/l	99
25) 2-Butanone	4.72	43	375254	274.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	132493	50.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	102812	50.14	ug/l	99
28) Bromochloromethane	5.03	49	80841	55.90	ug/l	97
29) Tetrahydrofuran	5.18	42	237718	283.12	ug/l	99
30) Chloroform	5.23	83	177371	52.16	ug/l	97
31) Cyclohexane	5.58	56	141740	48.78	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	155523	52.32	ug/l	100
36) 1,1-Dichloropropene	5.81	75	127784	49.33	ug/l	99
37) Ethyl Acetate	4.87	43	142169	54.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	142849	52.64	ug/l	98

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ClientSampleId :
VSTDCCC050

Quant Time: May 03 05:00:39 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151306	49.39	ug/l	98
40) Benzene	6.15	78	383384	51.45	ug/l	99
41) Methacrylonitrile	5.07	41	81234	53.32	ug/l	98
42) 1,2-Dichloroethane	6.20	62	145398	50.39	ug/l	99
43) Isopropyl Acetate	6.48	43	230580	54.45	ug/l	99
44) Trichloroethene	7.22	130	116049	50.87	ug/l	95
45) 1,2-Dichloropropane	7.53	63	98909	51.68	ug/l	99
46) Dibromomethane	7.67	93	69969	52.16	ug/l	99
47) Bromodichloromethane	7.90	83	129705	54.08	ug/l	98
48) Methyl methacrylate	7.79	41	120984	53.74	ug/l	99
49) 1,4-Dioxane	7.76	88	51733	1217.74	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	785801	287.82	ug/l	99
52) Toluene	8.79	92	255292	52.41	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	152539	53.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	143892	54.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	105112	53.42	ug/l	97
56) Ethyl methacrylate	9.19	69	154033	56.50	ug/l	99
57) 1,3-Dichloropropane	9.38	76	167730	52.99	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	385685	293.21	ug/l	100
59) 2-Hexanone	9.51	43	620236	290.66	ug/l	100
60) Dibromochloromethane	9.59	129	114814	55.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	112918	54.14	ug/l	99
64) Tetrachloroethene	9.34	164	139971	54.43	ug/l	99
65) Chlorobenzene	10.15	112	300098	50.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	111522	54.42	ug/l	100
67) Ethyl Benzene	10.26	91	497964	51.19	ug/l	100
68) m/p-Xylenes	10.37	106	397522	103.86	ug/l	99
69) o-Xylene	10.71	106	193560	52.14	ug/l	99
70) Styrene	10.72	104	320744	52.83	ug/l	99
71) Bromoform	10.87	173	95744	48.50	ug/l	# 99
73) Isopropylbenzene	11.02	105	521899	51.37	ug/l	100
74) N-amyl acetate	6.48	43	230580	52.90	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	159068	52.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	183340	65.28	ug/l	90
77) Bromobenzene	11.26	156	151736	51.78	ug/l	100
78) n-propylbenzene	11.37	91	586634	51.95	ug/l	100
79) 2-Chlorotoluene	11.43	91	351334	51.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	450309	52.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	41317	48.05	ug/l	97
82) 4-Chlorotoluene	11.52	91	418662	51.09	ug/l	100
83) tert-Butylbenzene	11.77	119	436257	51.27	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	465664	53.26	ug/l	100
85) sec-Butylbenzene	11.95	105	536312	52.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	495993	53.11	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	273328	49.95	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	282932	50.16	ug/l	99
89) n-Butylbenzene	12.40	91	418066	51.29	ug/l	100
90) Hexachloroethane	12.60	117	72622	53.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	279525	51.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35934	58.41	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

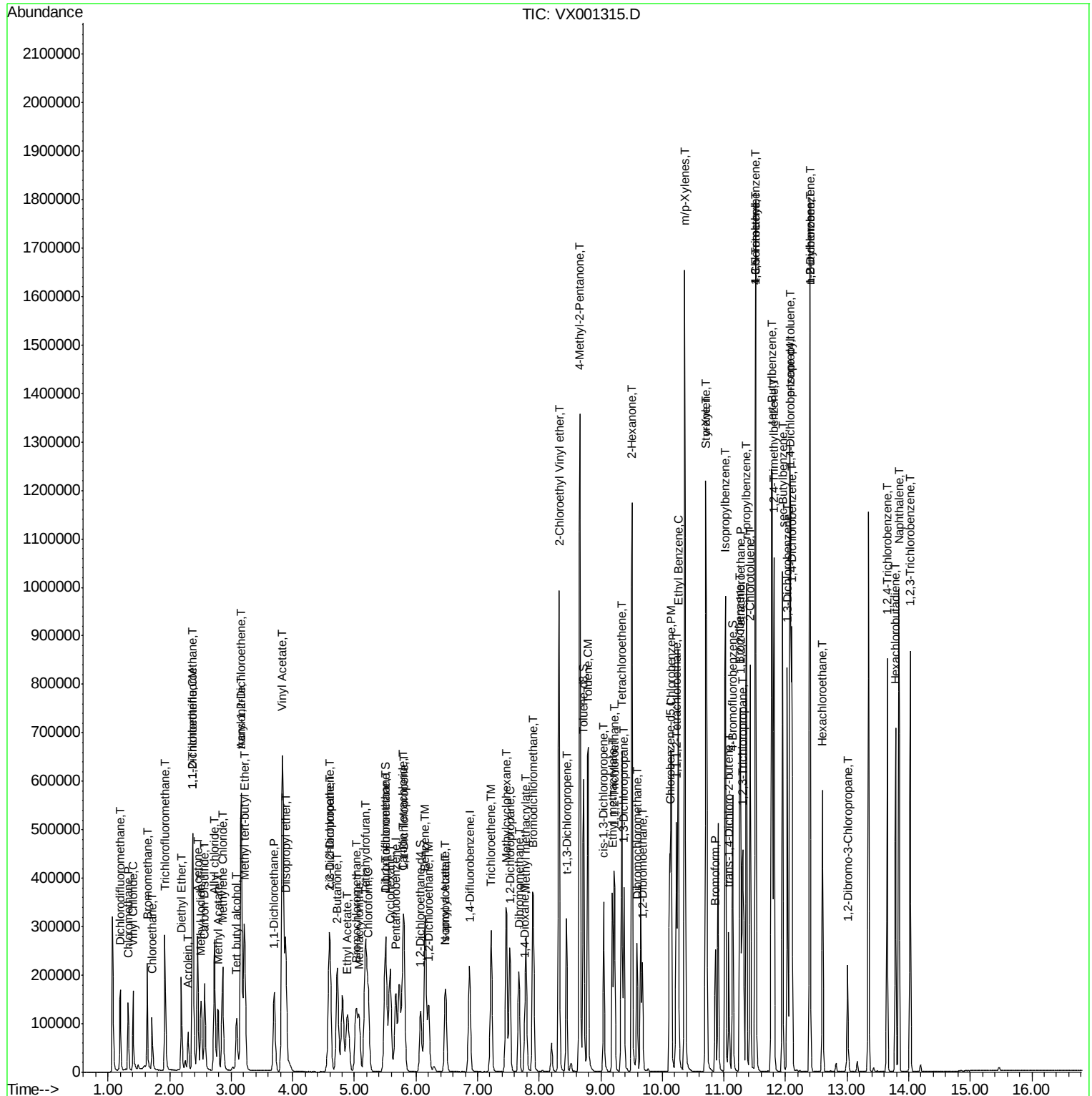
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208399	47.57	ug/l	99
94) Hexachlorobutadiene	13.79	225	111459	48.63	ug/l	100
95) Naphthalene	13.84	128	601453	54.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217294	50.53	ug/l	100

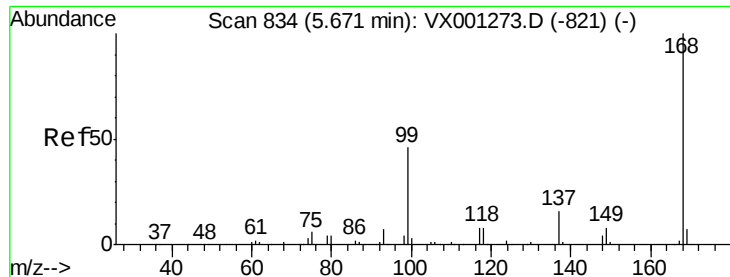
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 8 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: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

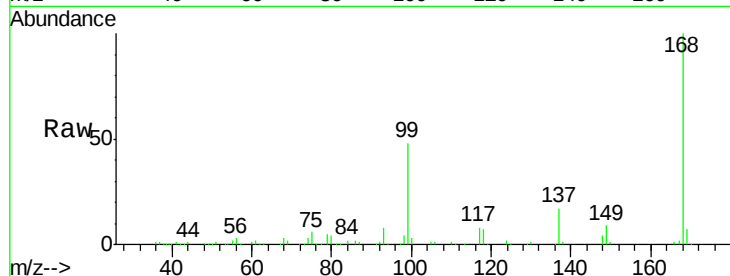
VSTDCCC050

Tgt Ion:168 Resp: 170881

Ion Ratio Lower Upper

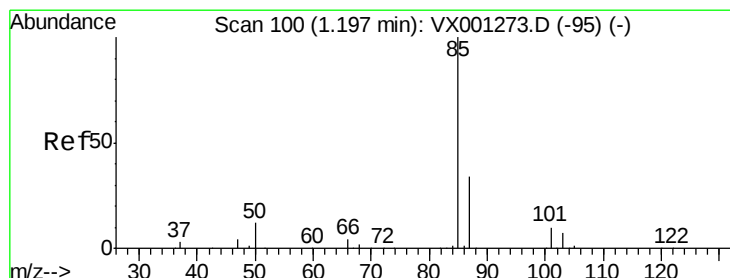
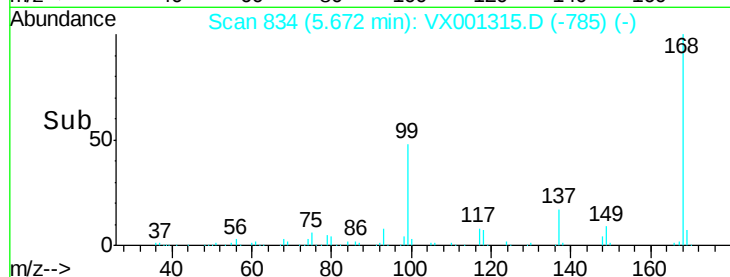
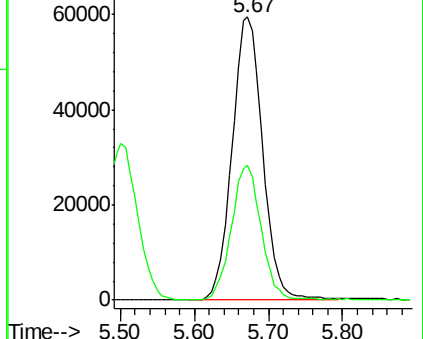
168 100

99 47.7 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001315.D

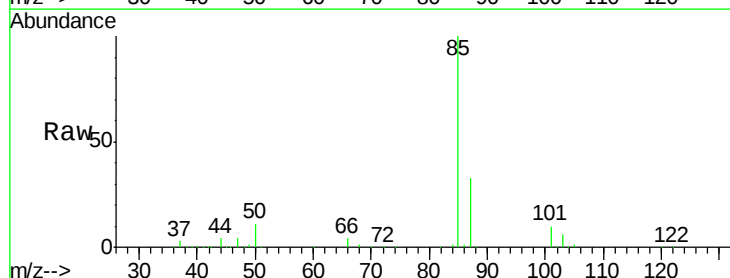
Acq: 02 May 2018 13:21

Tgt Ion: 85 Resp: 101598

Ion Ratio Lower Upper

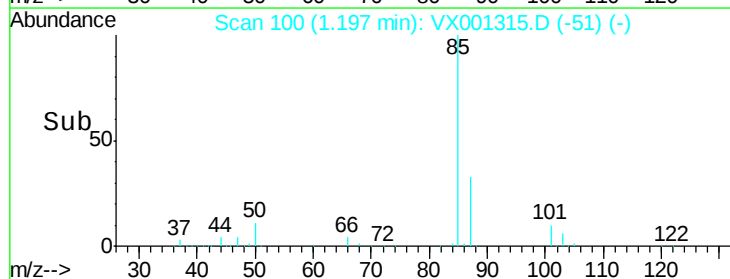
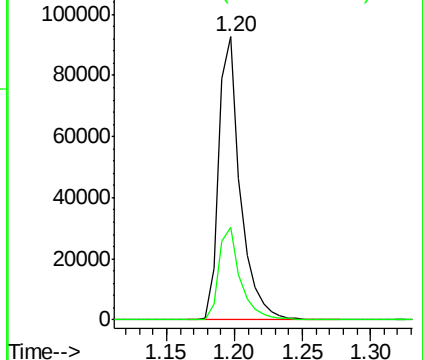
85 100

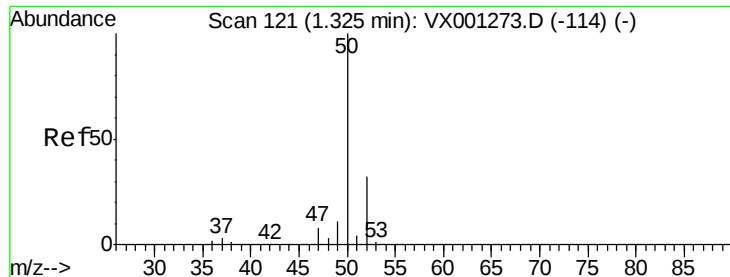
87 32.5 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

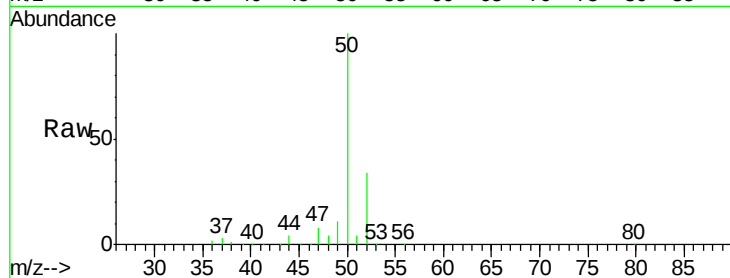
VSTDCCC050

Tgt Ion: 50 Resp: 93678

Ion Ratio Lower Upper

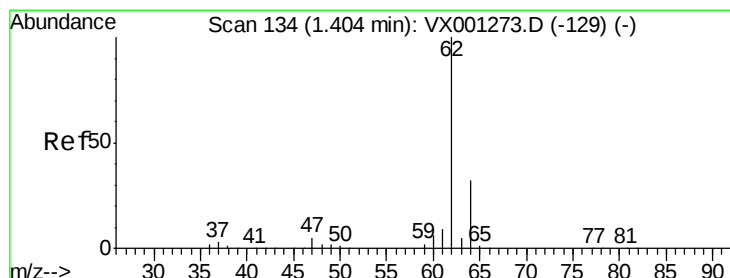
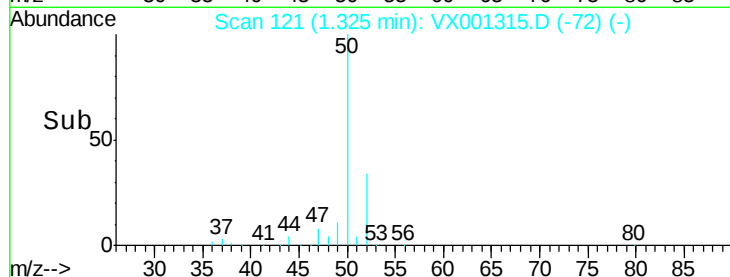
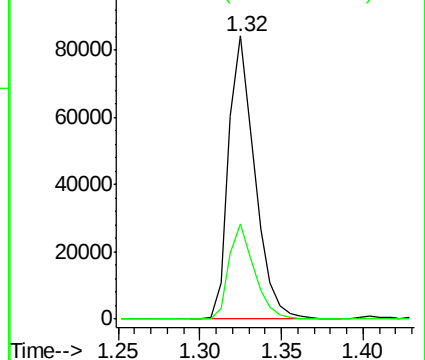
50 100

52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.85 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001315.D

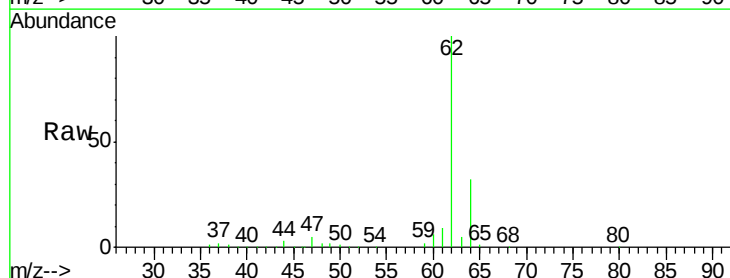
Acq: 02 May 2018 13:21

Tgt Ion: 62 Resp: 101279

Ion Ratio Lower Upper

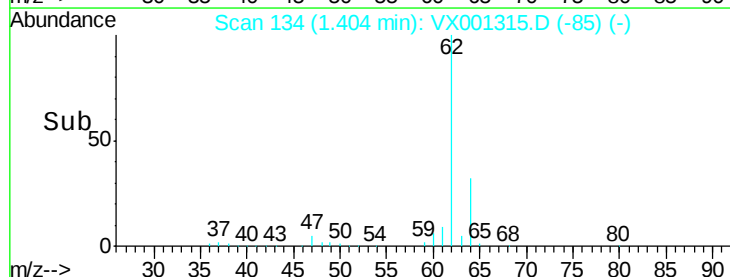
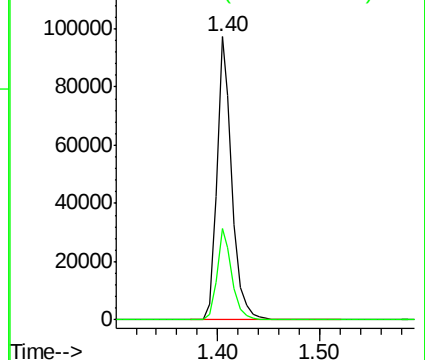
62 100

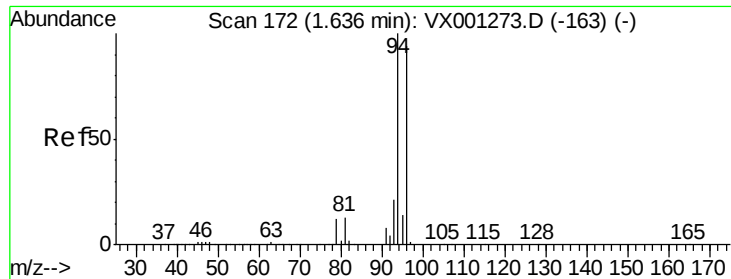
64 32.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

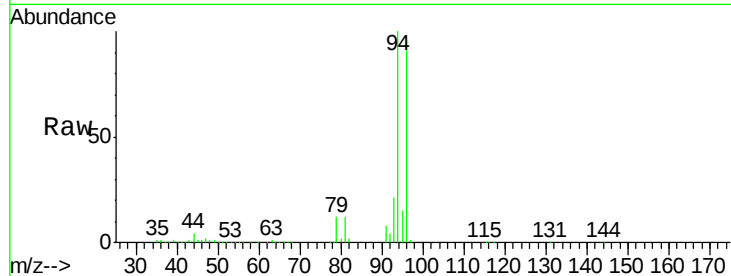
VSTDCCC050

Tgt Ion: 94 Resp: 72612

Ion Ratio Lower Upper

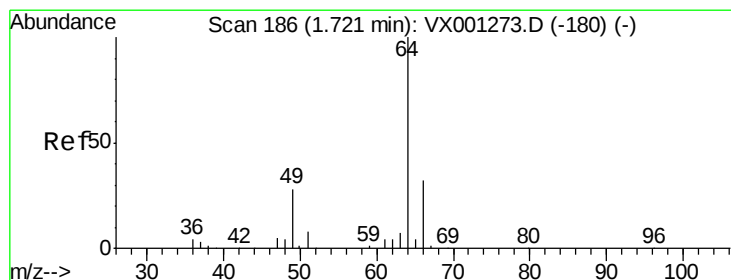
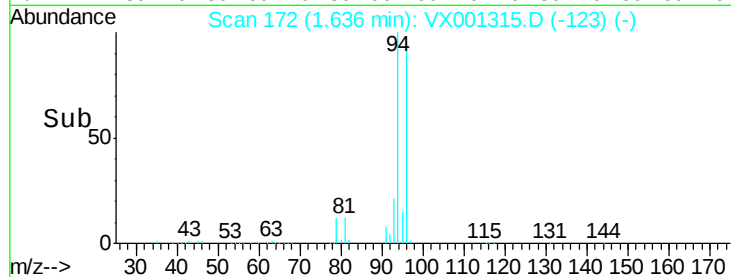
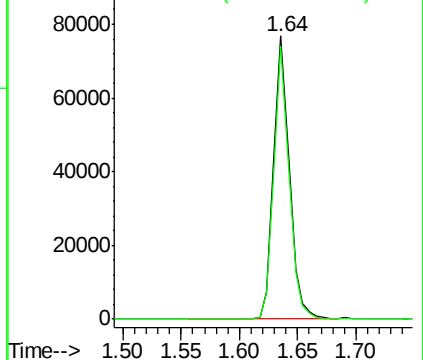
94 100

96 96.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.65 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001315.D

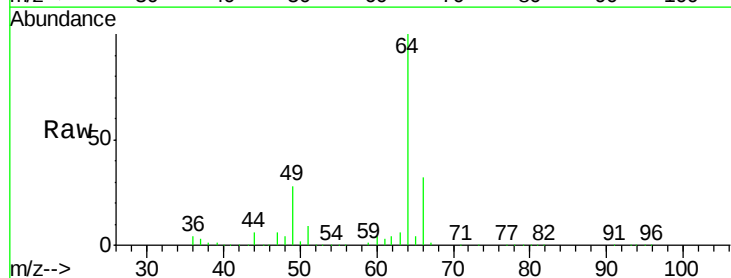
Acq: 02 May 2018 13:21

Tgt Ion: 64 Resp: 67485

Ion Ratio Lower Upper

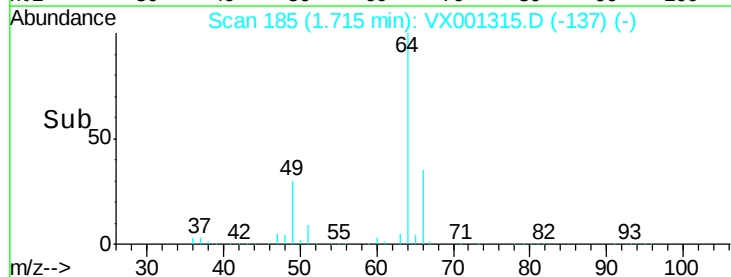
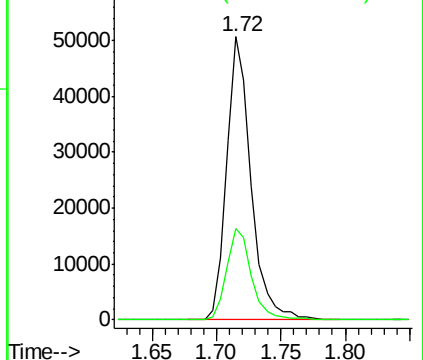
64 100

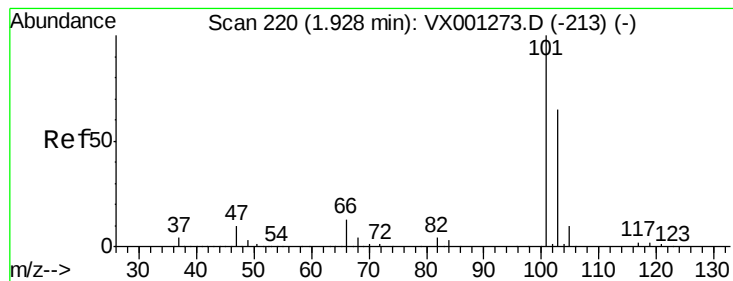
66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 54.86 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

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ClientSampleId :

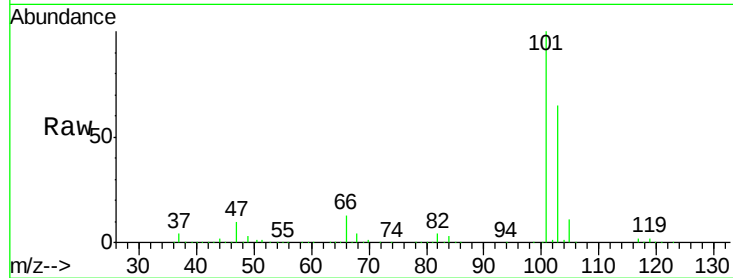
VSTDCCC050

Tgt Ion:101 Resp: 180862

Ion Ratio Lower Upper

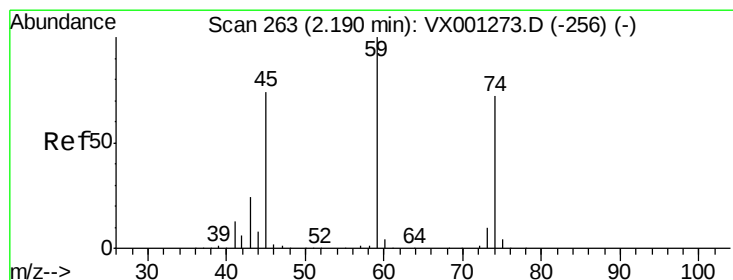
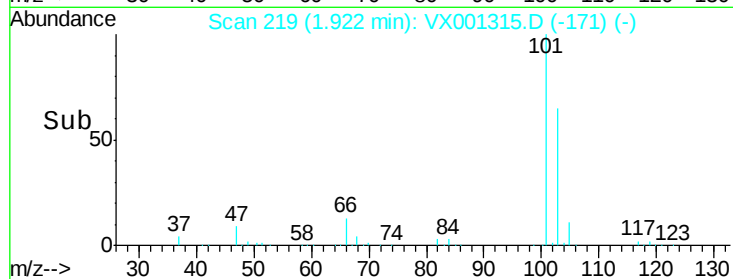
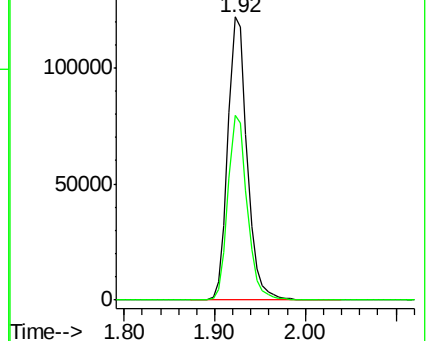
101 100

103 65.1 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 55.39 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001315.D

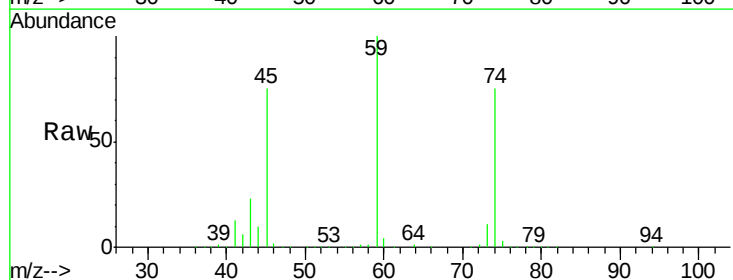
Acq: 02 May 2018 13:21

Tgt Ion: 74 Resp: 62701

Ion Ratio Lower Upper

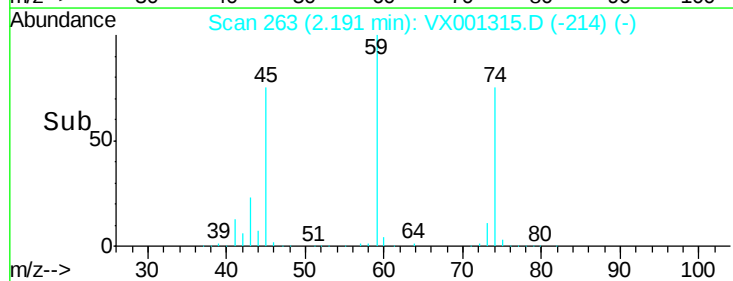
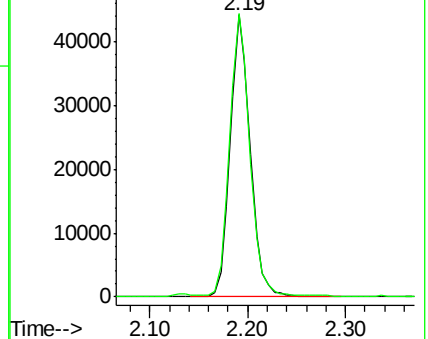
74 100

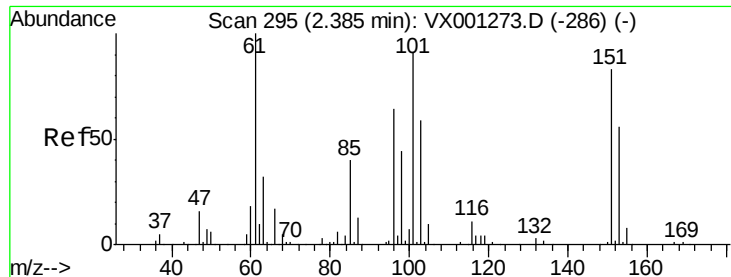
45 101.3 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.40 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

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VSTDCCC050

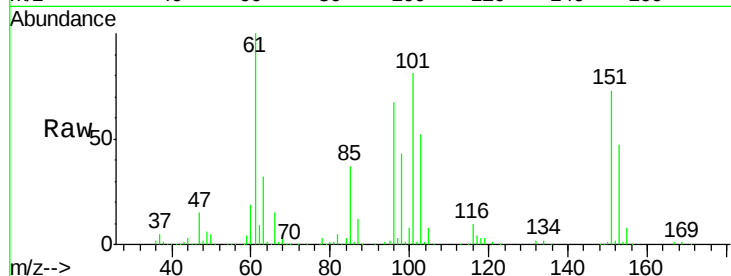
Tgt Ion:101 Resp: 101517

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

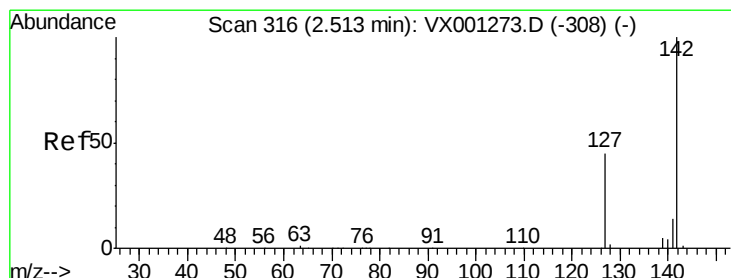
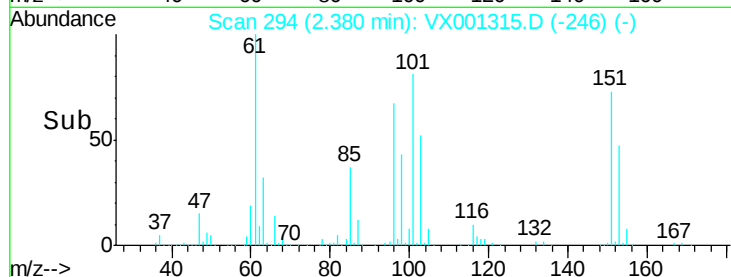
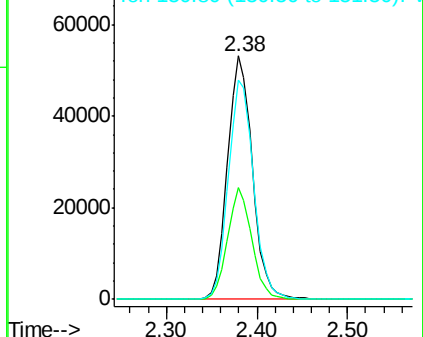
151 91.3 74.8 112.2



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: 71.26 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

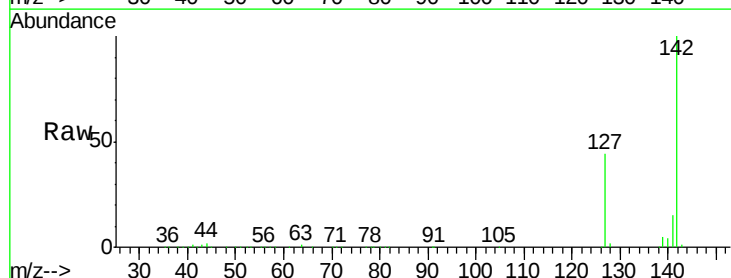
Tgt Ion:142 Resp: 151823

Ion Ratio Lower Upper

142 100

127 44.0 35.7 53.5

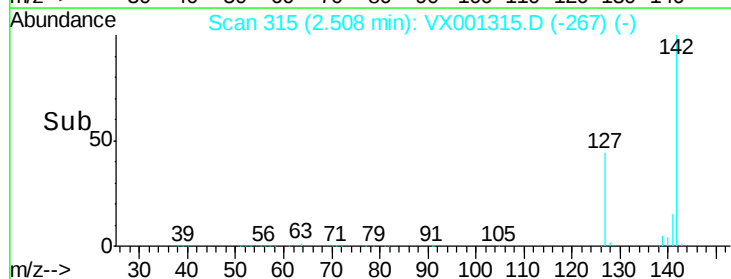
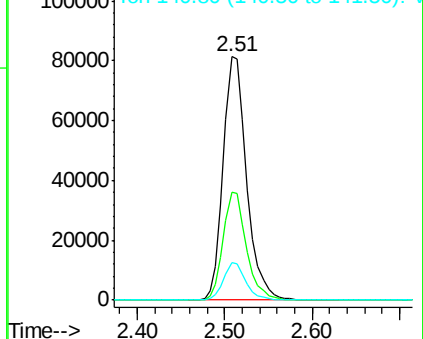
141 14.6 11.4 17.0

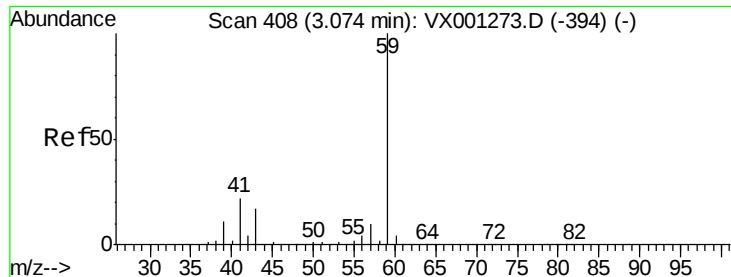


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

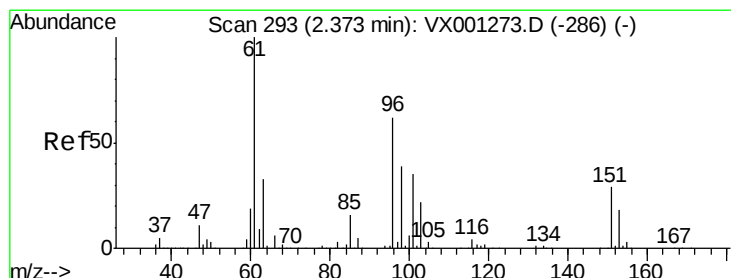
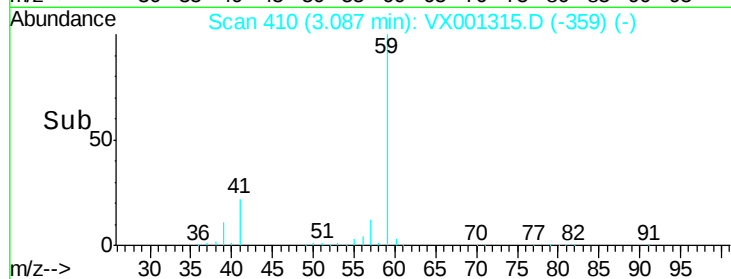
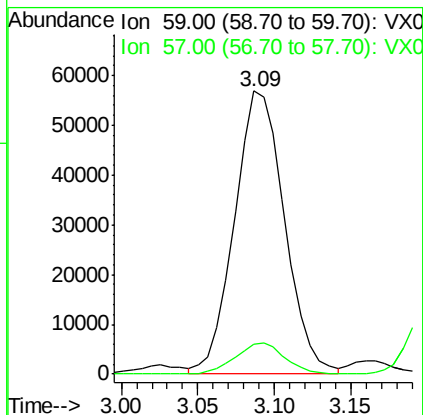
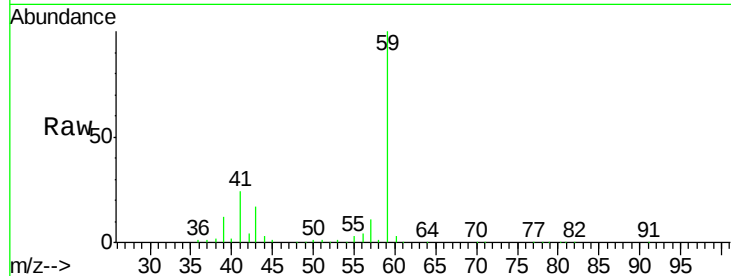




#11
Tert butyl alcohol
Concen: 318.08 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

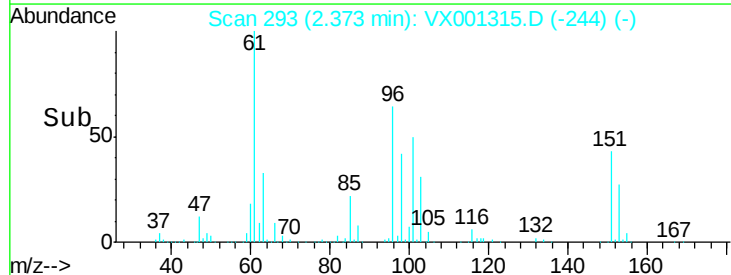
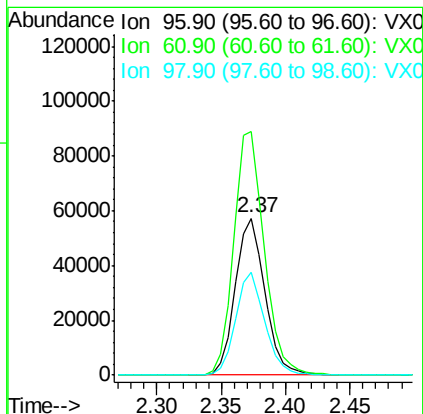
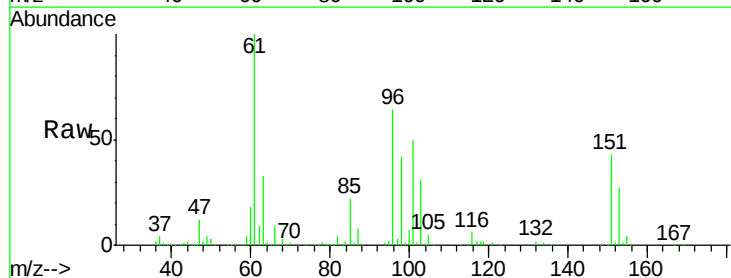
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

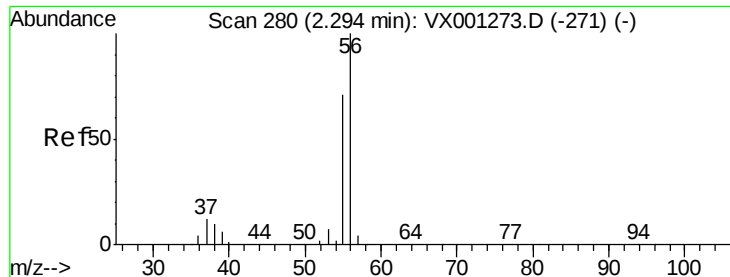
Tgt Ion: 59 Resp: 129445
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 53.57 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 96 Resp: 91832
Ion Ratio Lower Upper
96 100
61 155.4 130.1 195.1
98 65.3 50.3 75.5





#13

Acrolein

Concen: 232.08 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

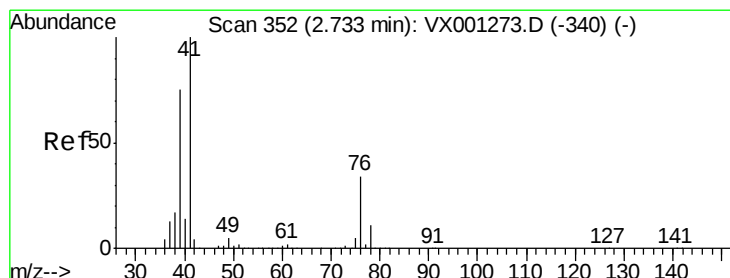
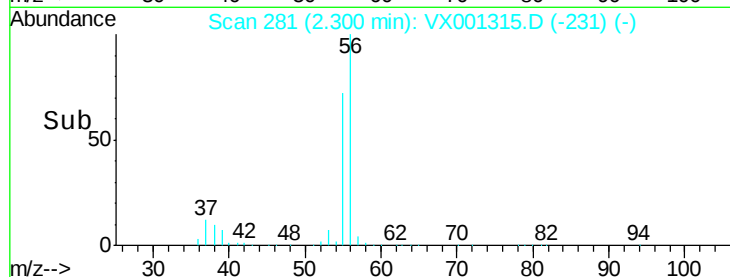
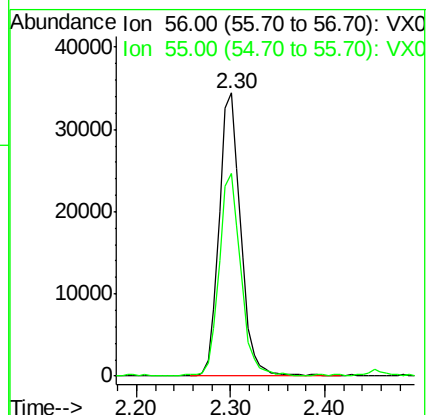
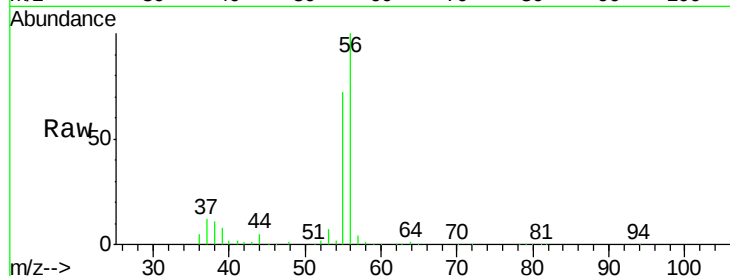
VSTDCCC050

Tgt Ion: 56 Resp: 54382

Ion Ratio Lower Upper

56 100

55 72.3 57.2 85.8



#14

Allyl chloride

Concen: 55.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

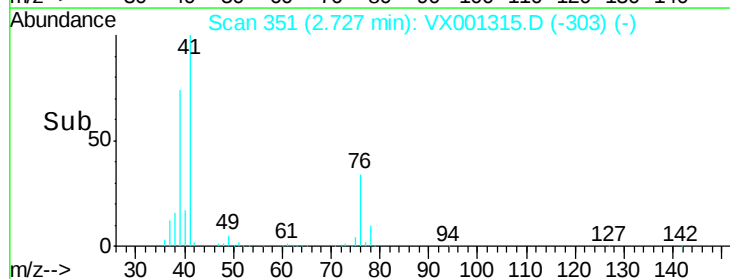
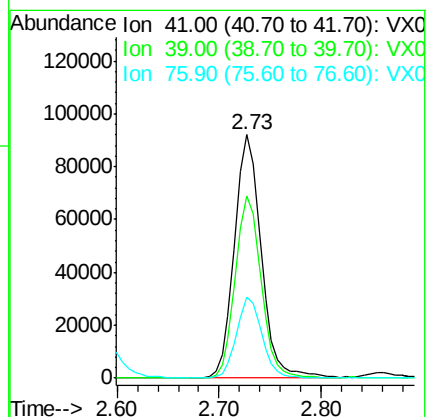
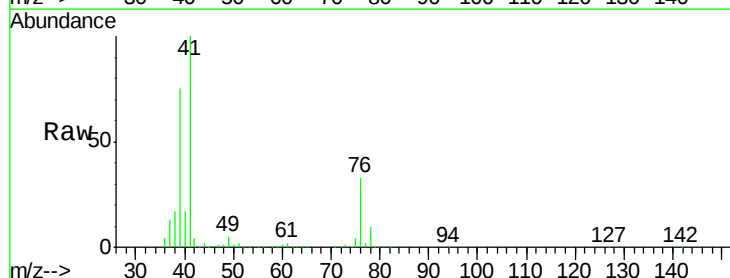
Tgt Ion: 41 Resp: 166630

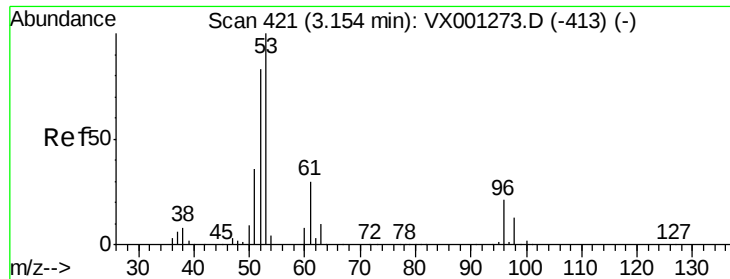
Ion Ratio Lower Upper

41 100

39 72.3 58.1 87.1

76 31.9 25.1 37.7

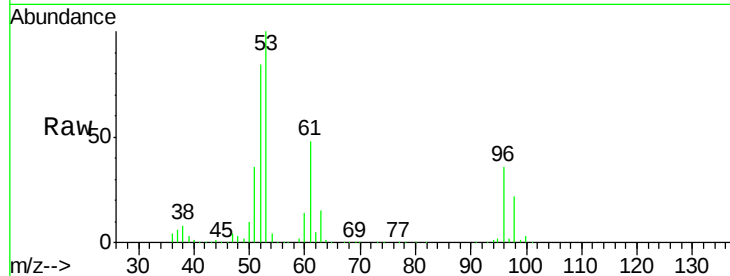




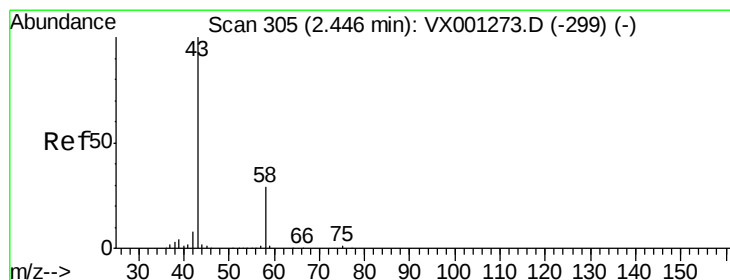
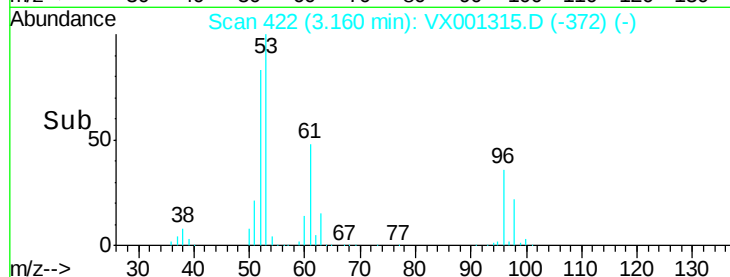
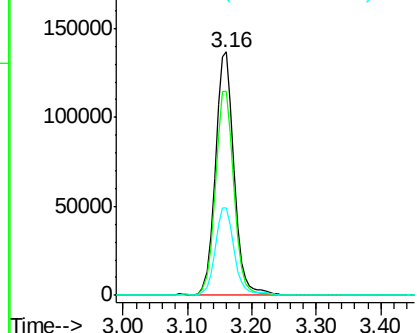
#15
 Acrylonitrile
 Concen: 295.82 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 53 Resp: 279024
 Ion Ratio Lower Upper
 53 100
 52 83.1 67.0 100.4
 51 37.1 29.9 44.9

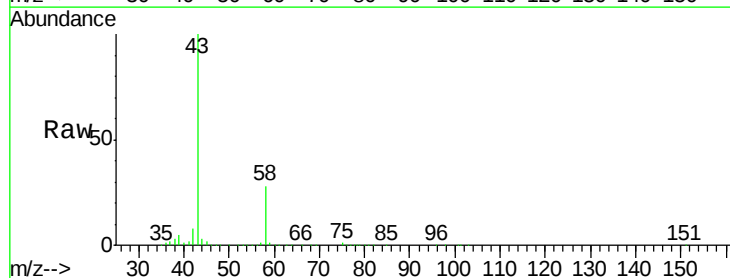


Abundance Ion 53.00 (52.70 to 53.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0
 Ion 51.00 (50.70 to 51.70): VX0

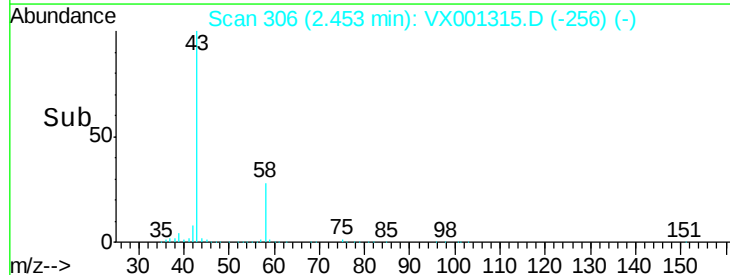
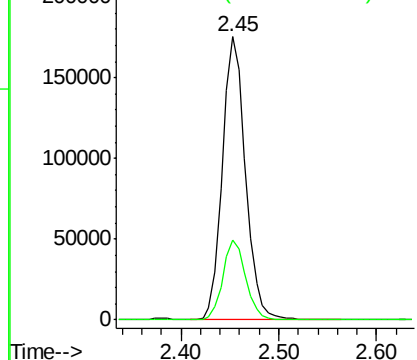


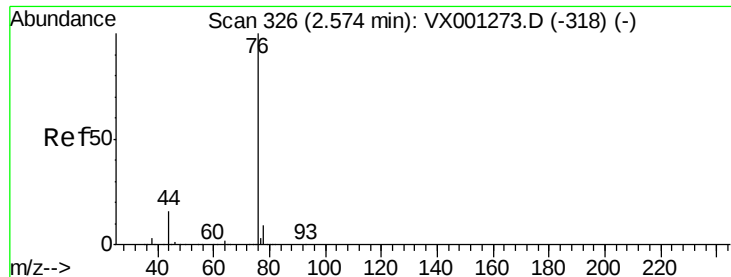
#16
 Acetone
 Concen: 283.96 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion: 43 Resp: 286710
 Ion Ratio Lower Upper
 43 100
 58 28.4 22.8 34.2



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

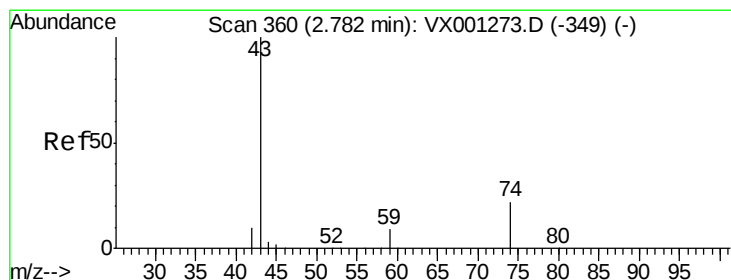
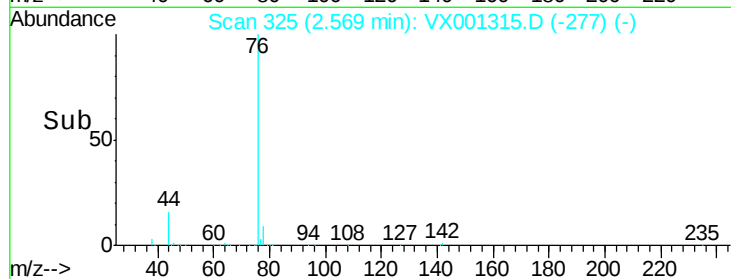
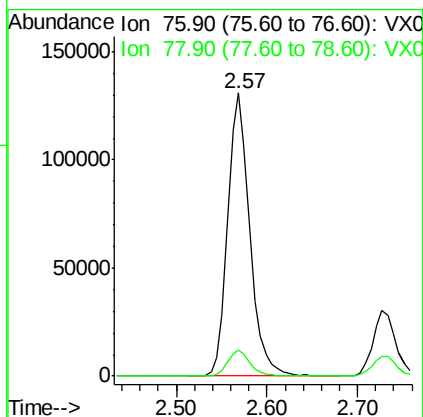
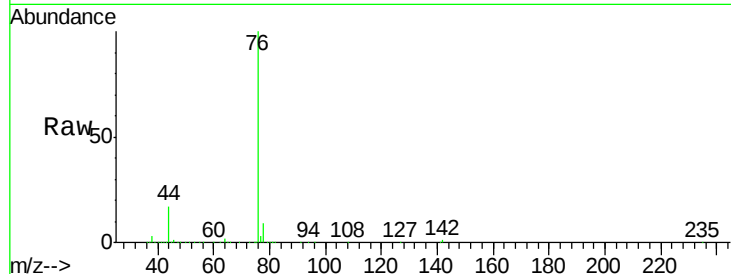




#17
Carbon Disulfide
Concen: 49.50 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

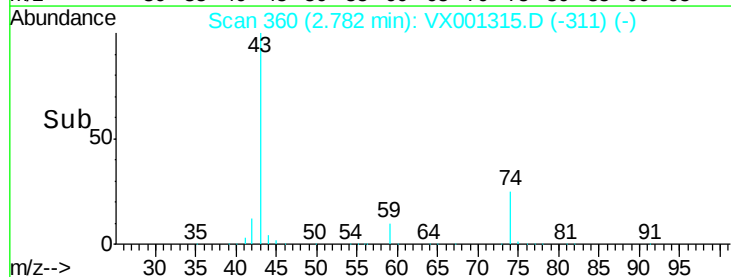
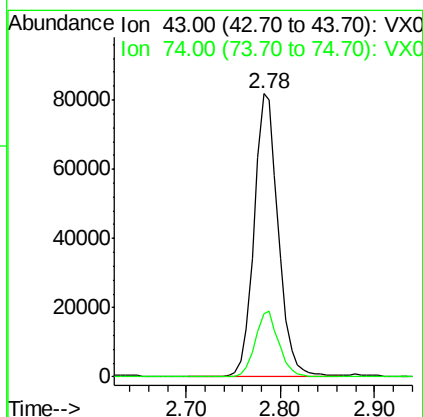
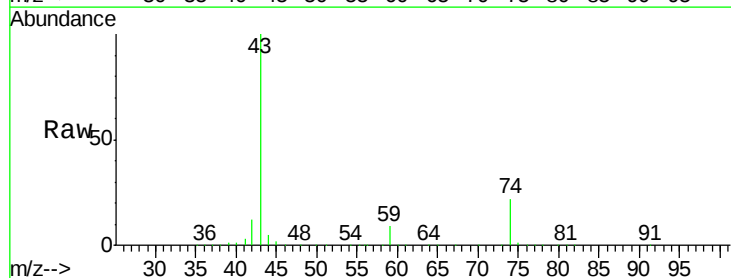
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

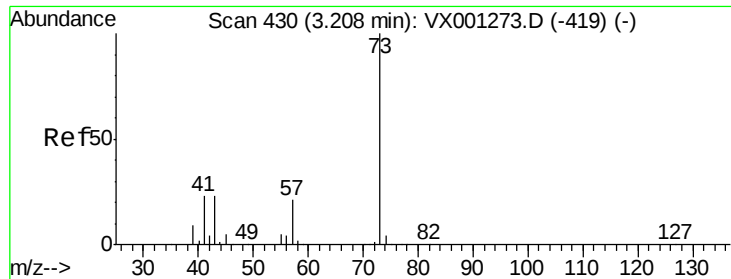
Tgt Ion: 76 Resp: 221053
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 61.84 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 43 Resp: 147475
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6

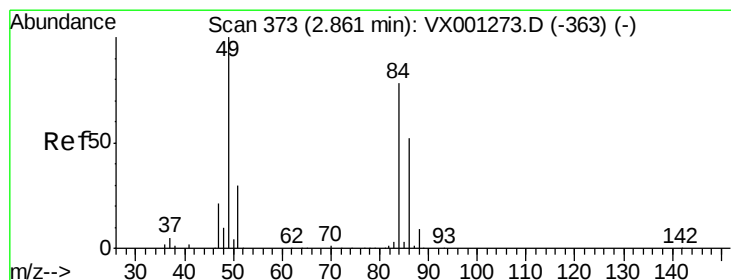
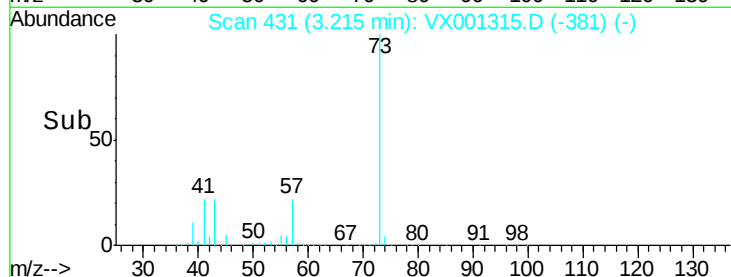
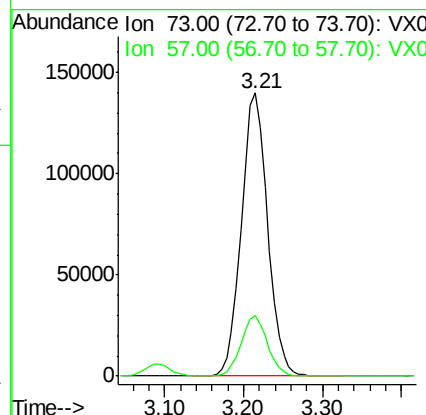
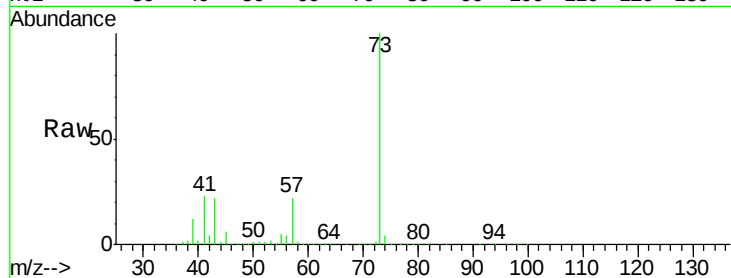




#19
Methyl tert-butyl Ether
Concen: 55.58 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

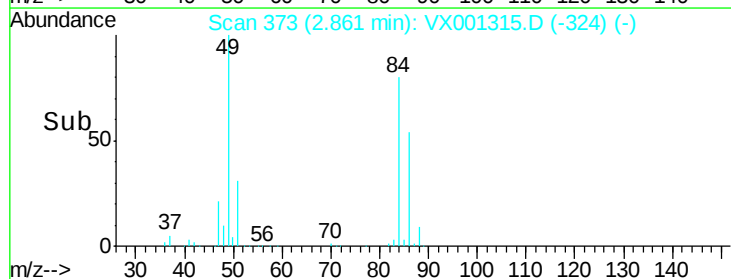
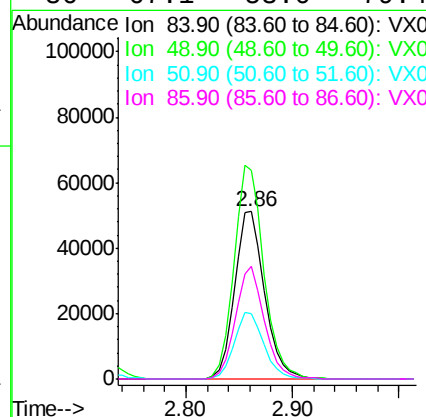
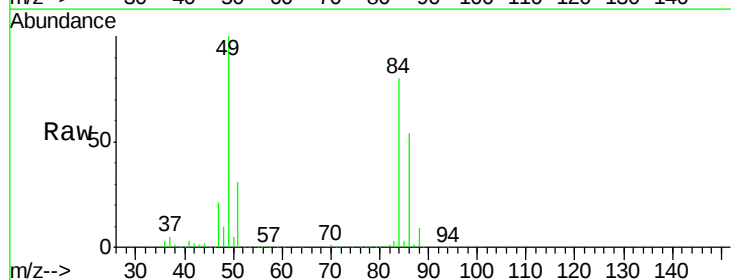
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

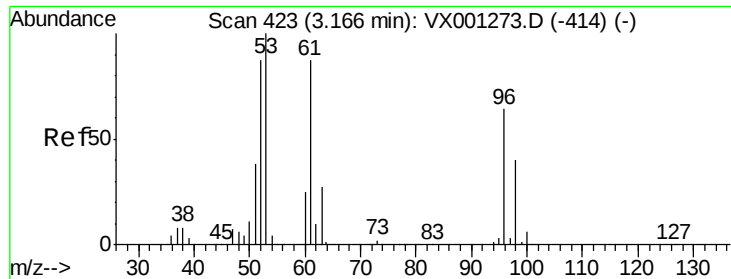
Tgt Ion: 73 Resp: 324488
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2



#20
Methylene Chloride
Concen: 55.68 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 84 Resp: 101115
Ion Ratio Lower Upper
84 100
49 124.7 102.8 154.2
51 38.6 30.9 46.3
86 67.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 52.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

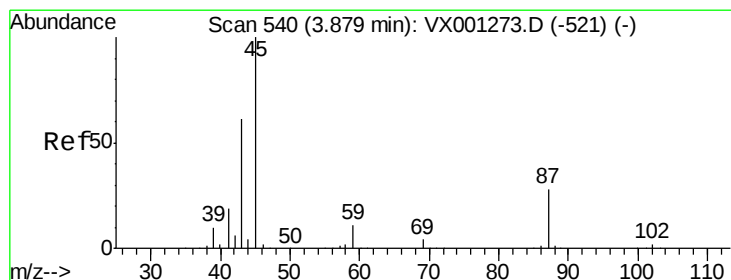
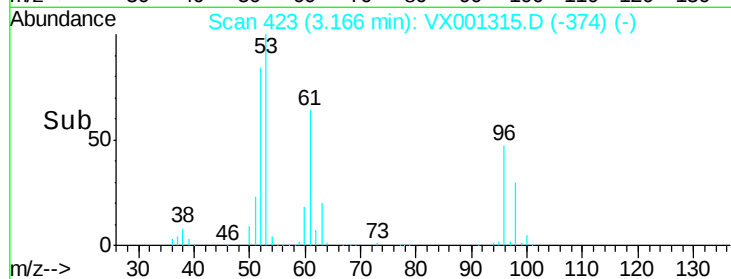
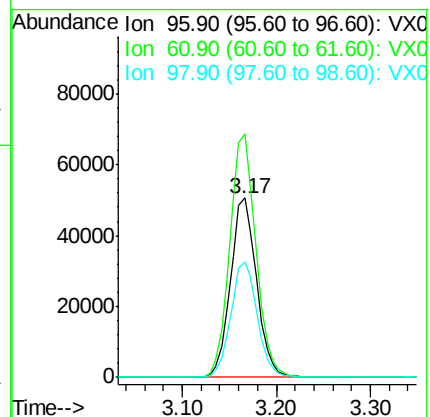
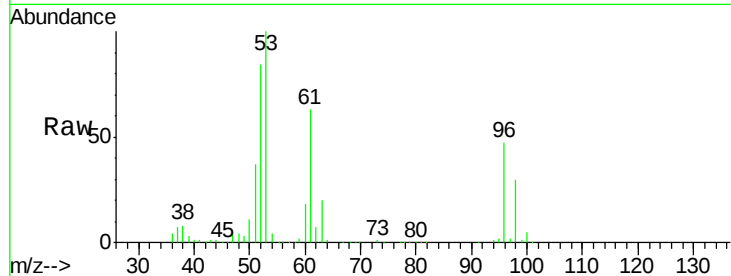
Tgt Ion: 96 Resp: 97169

Ion Ratio Lower Upper

96 100

61 135.8 108.6 162.8

98 64.9 49.7 74.5



#22

Diisopropyl ether

Concen: 51.43 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion: 45 Resp: 297055

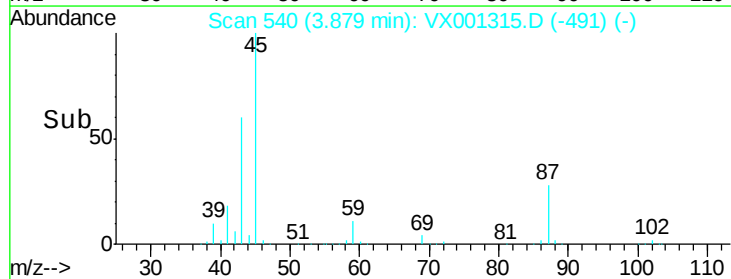
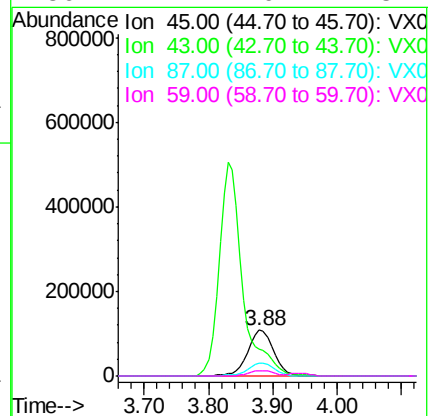
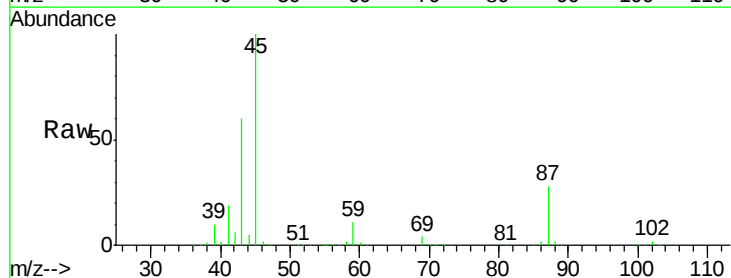
Ion Ratio Lower Upper

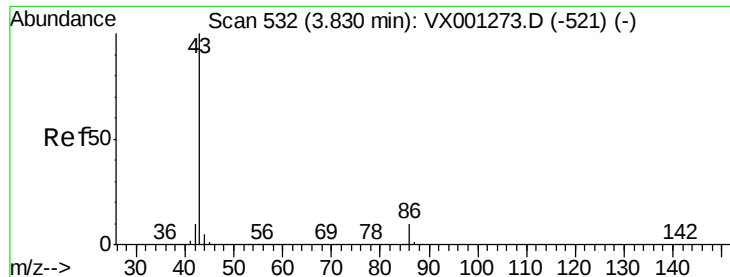
45 100

43 59.7 48.7 73.1

87 28.2 22.2 33.4

59 11.2 9.1 13.7





#23

Vinyl Acetate

Concen: 263.39 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

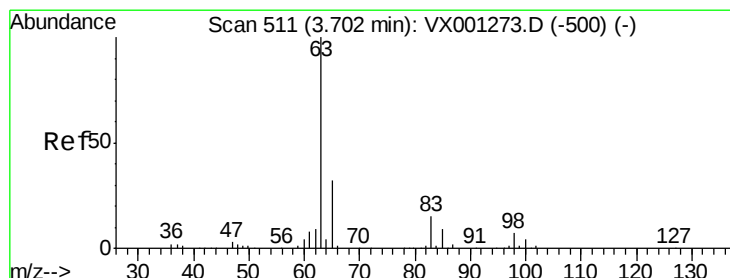
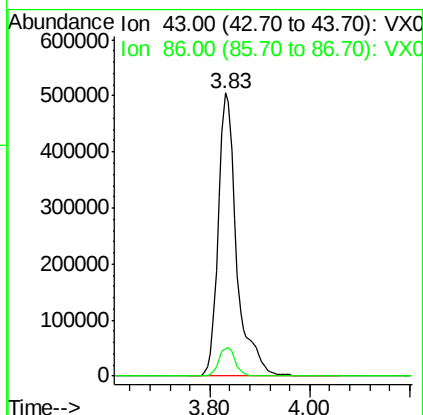
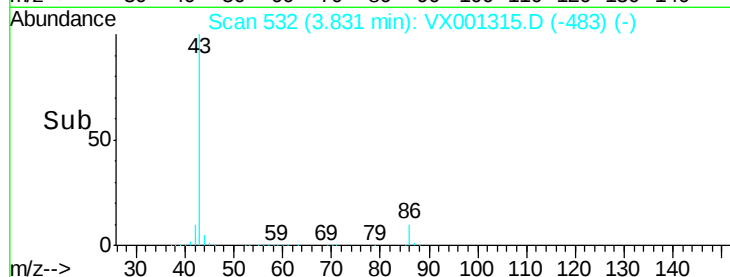
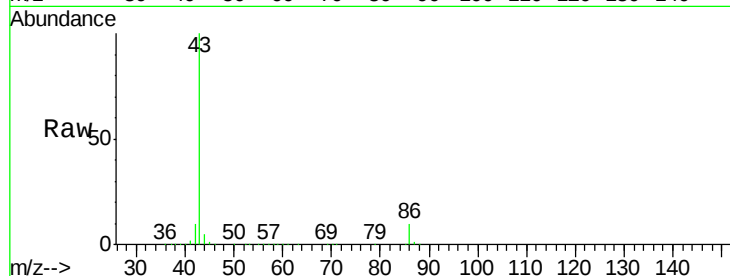
VSTDCCC050

Tgt Ion: 43 Resp: 1289133

Ion Ratio Lower Upper

43 100

86 9.8 8.2 12.4



#24

1,1-Dichloroethane

Concen: 56.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

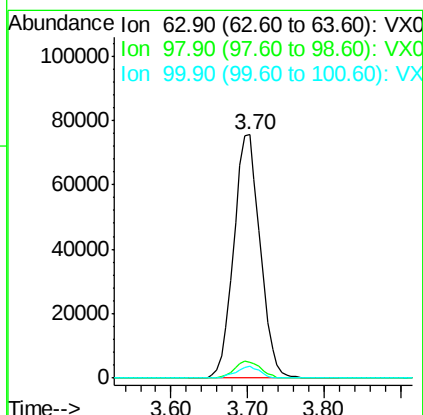
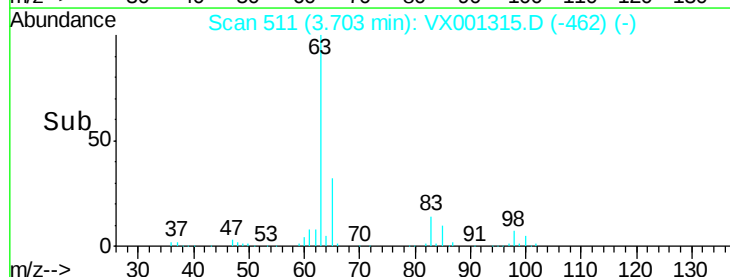
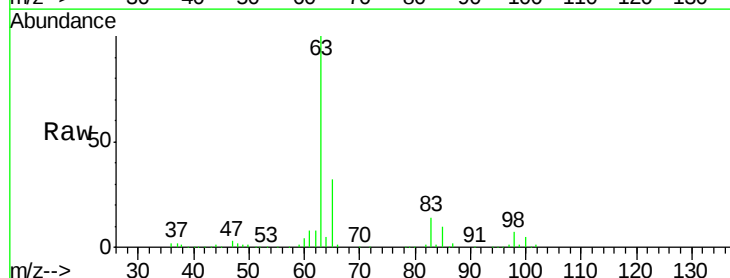
Tgt Ion: 63 Resp: 180539

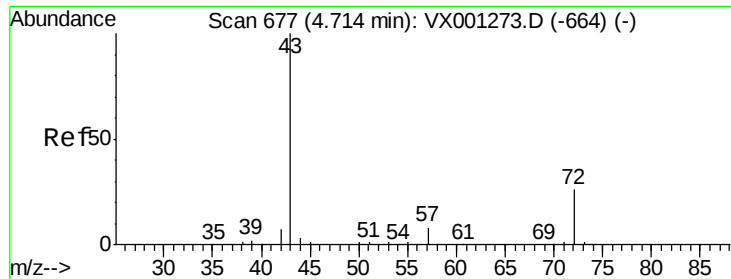
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 274.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

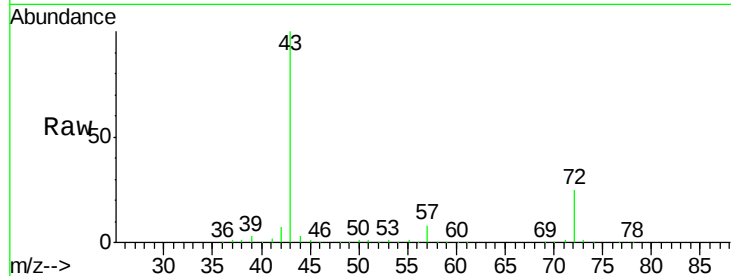
VSTDCCC050

Tgt Ion: 43 Resp: 375254

Ion Ratio Lower Upper

43 100

72 24.8 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

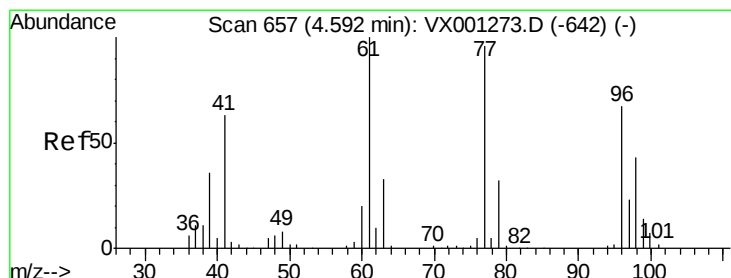
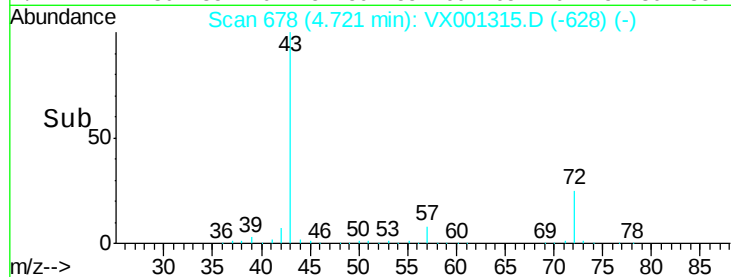
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.61 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001315.D

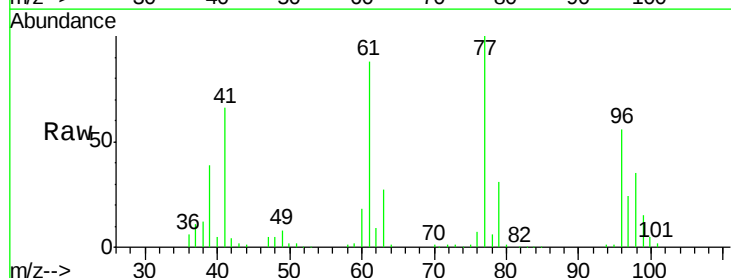
Acq: 02 May 2018 13:21

Tgt Ion: 77 Resp: 132493

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

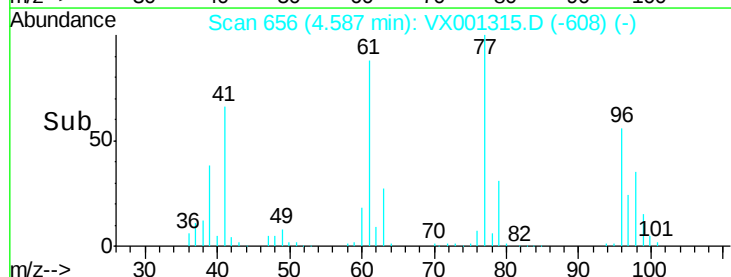
20000

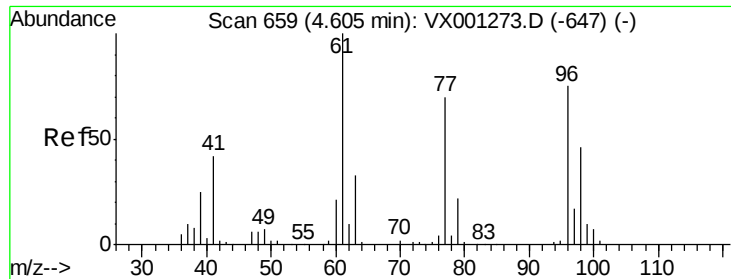
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.14 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

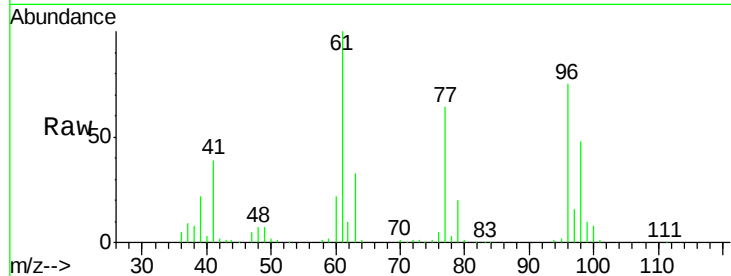
Tgt Ion: 96 Resp: 102812

Ion Ratio Lower Upper

96 100

61 145.1 0.0 288.0

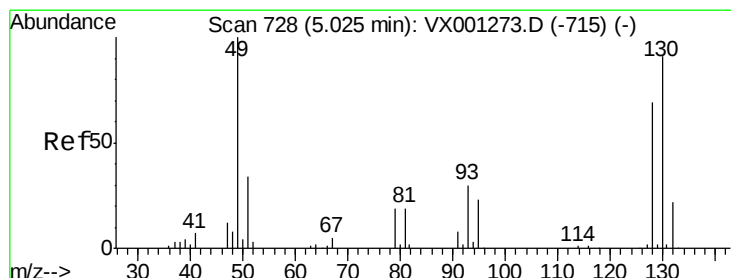
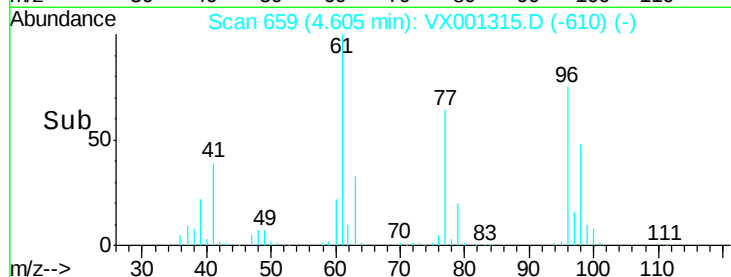
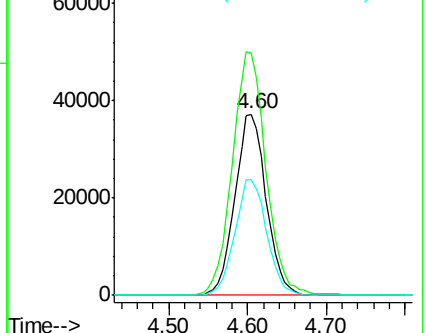
98 65.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.90 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

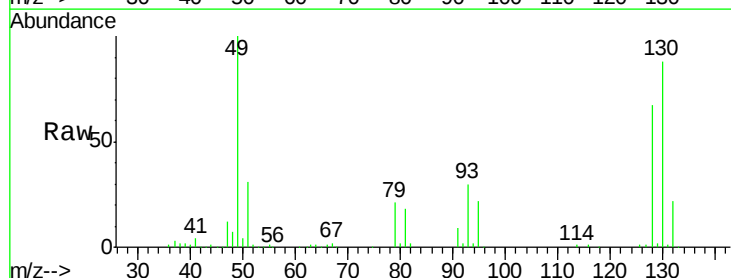
Tgt Ion: 49 Resp: 80841

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

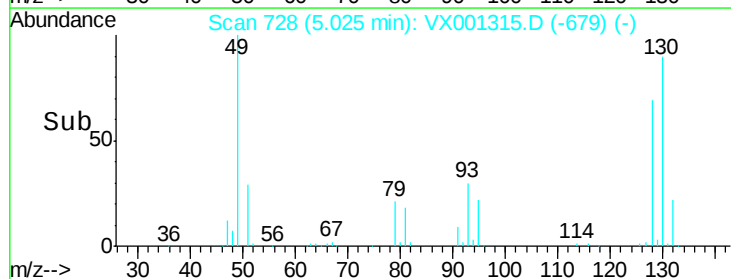
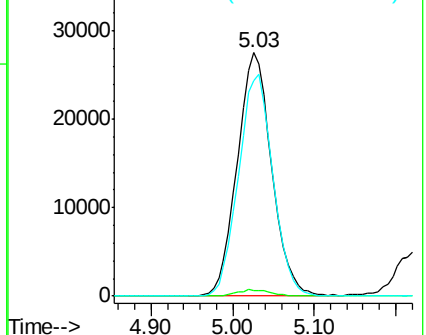
130 90.9 70.4 105.6

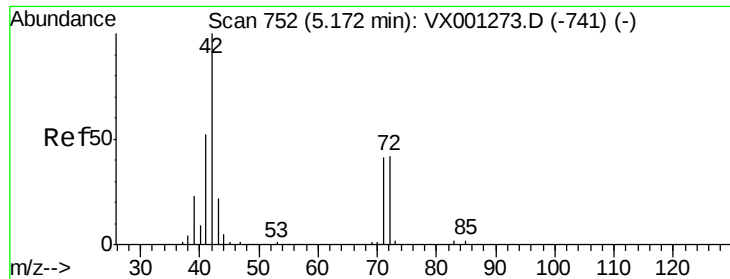


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

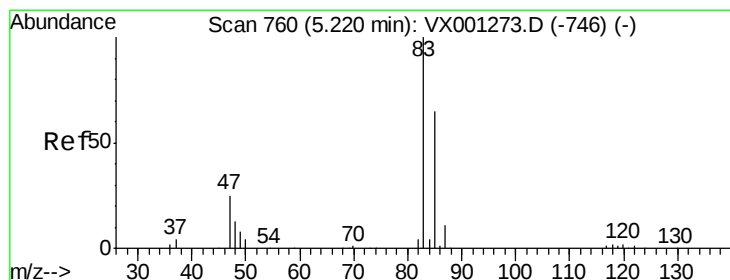
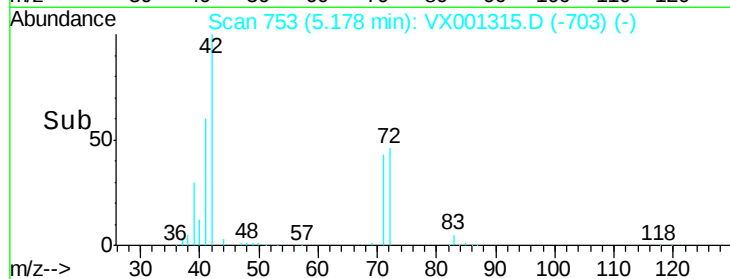
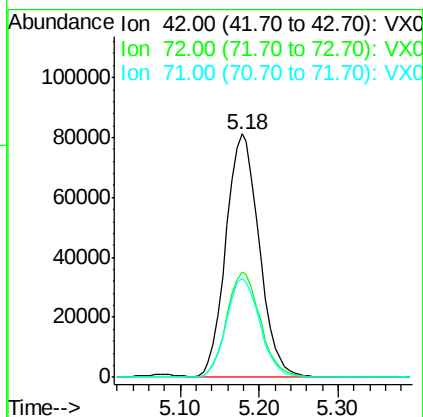
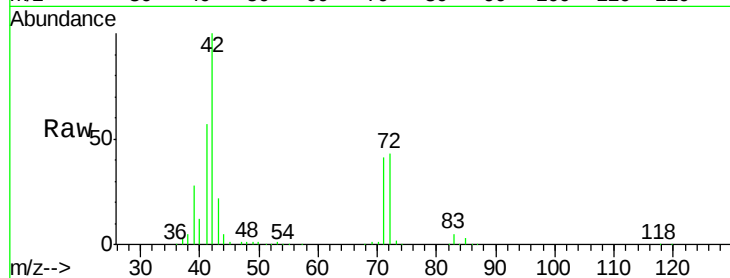




#29
Tetrahydrofuran
Concen: 283.12 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

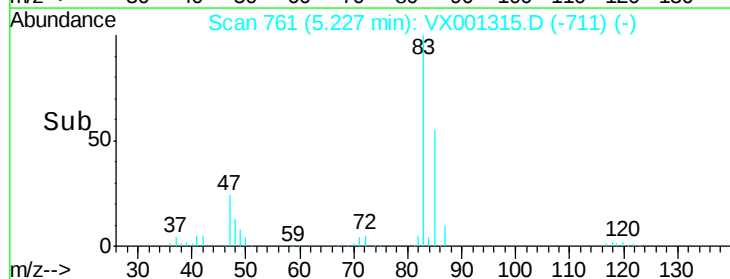
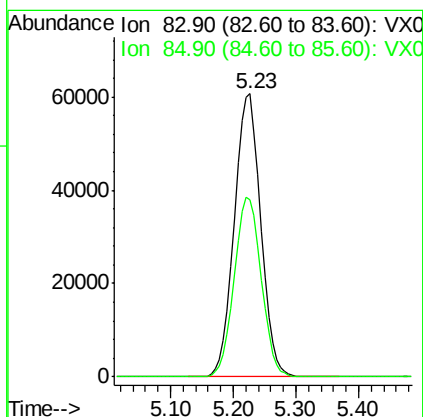
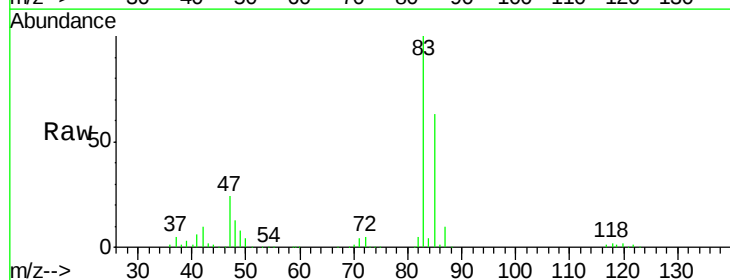
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

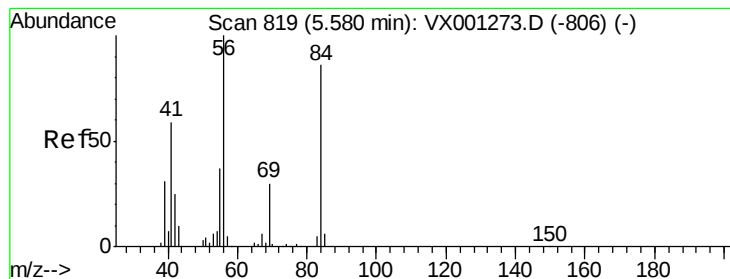
Tgt Ion: 42 Resp: 237718
Ion Ratio Lower Upper
42 100
72 44.1 34.6 52.0
71 41.0 32.7 49.1



#30
Chloroform
Concen: 52.16 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 83 Resp: 177371
Ion Ratio Lower Upper
83 100
85 62.5 52.2 78.2





#31

Cyclohexane

Concen: 48.78 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

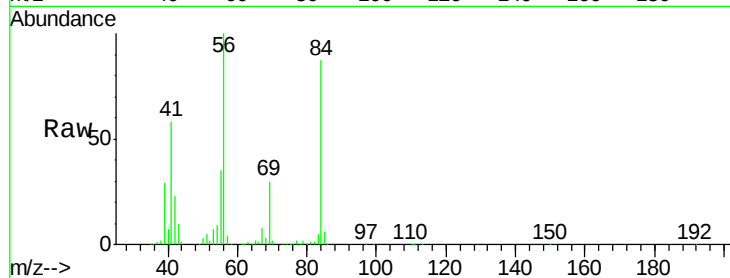
Tgt Ion: 56 Resp: 141740

Ion Ratio Lower Upper

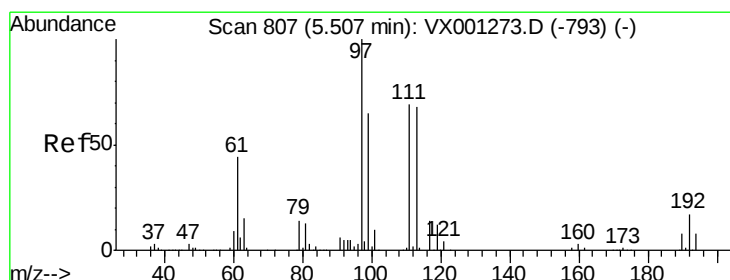
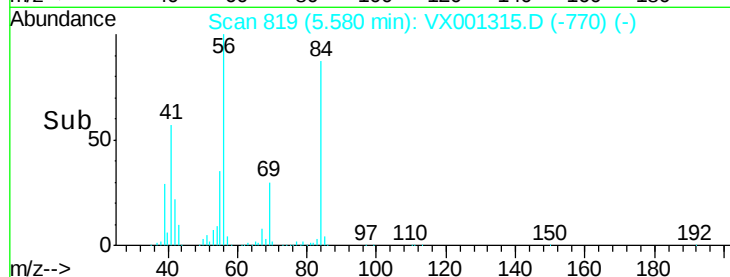
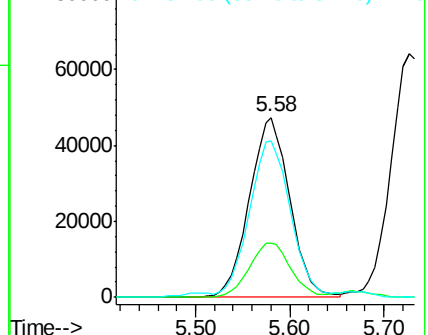
56 100

69 29.9 24.0 36.0

84 85.0 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 52.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

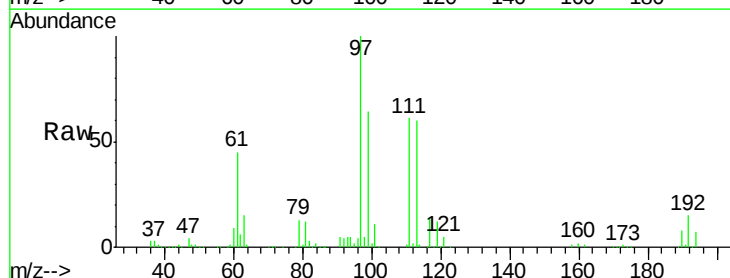
Tgt Ion: 97 Resp: 155523

Ion Ratio Lower Upper

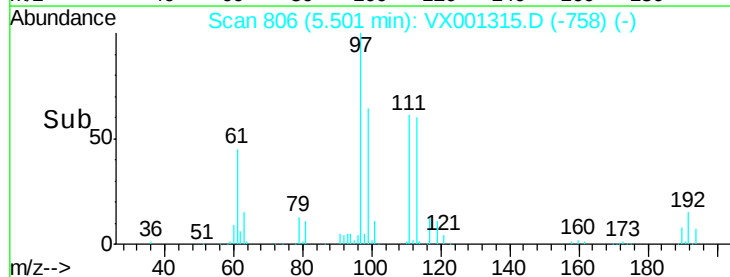
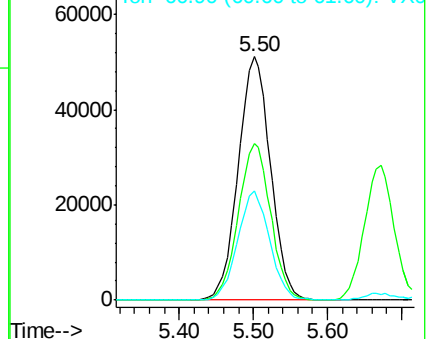
97 100

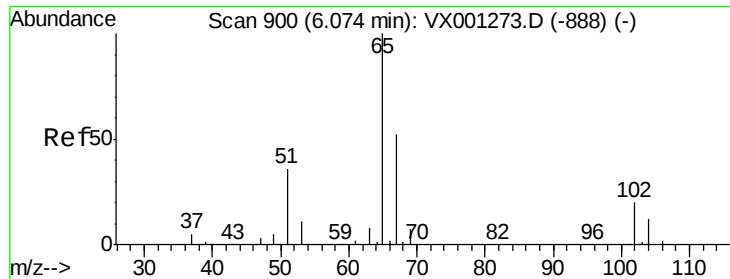
99 64.4 51.8 77.6

61 44.2 35.4 53.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

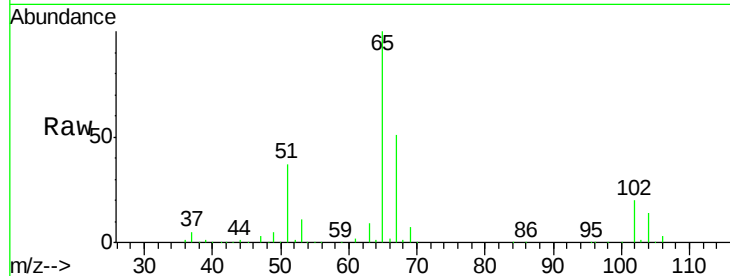
VSTDCCC050

Tgt Ion: 65 Resp: 117982

Ion Ratio Lower Upper

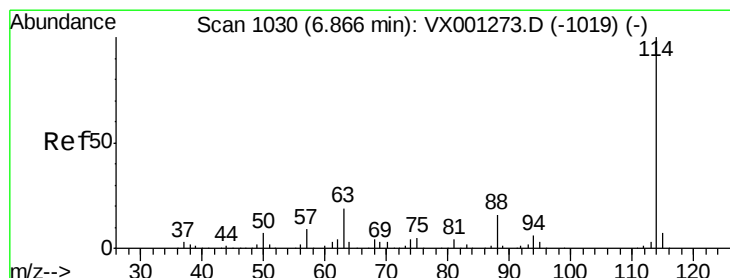
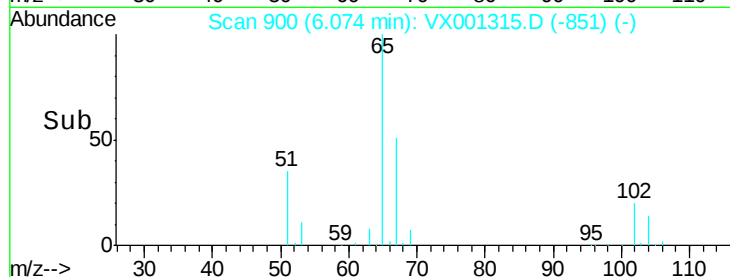
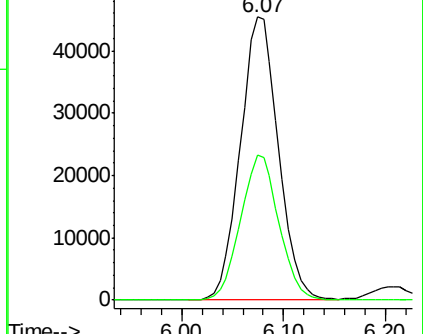
65 100

67 51.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

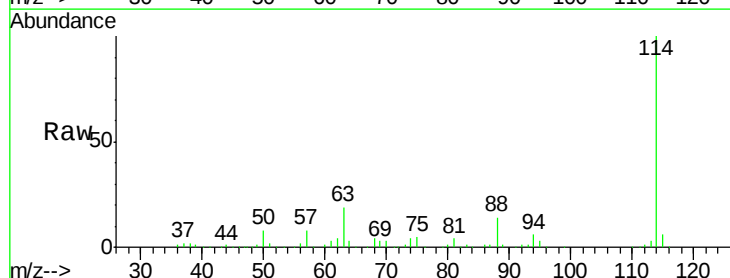
Tgt Ion: 114 Resp: 224450

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

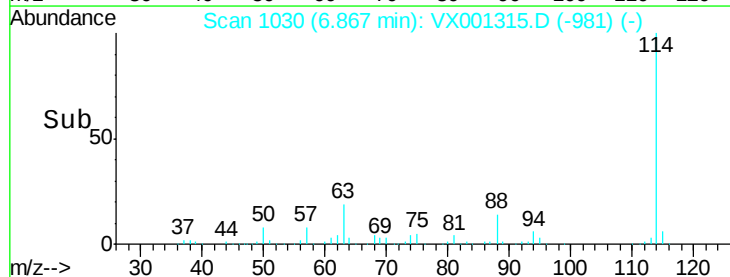
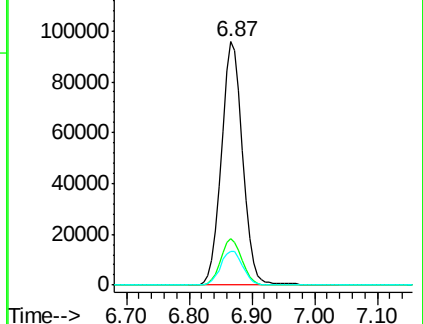
88 14.1 0.0 32.2

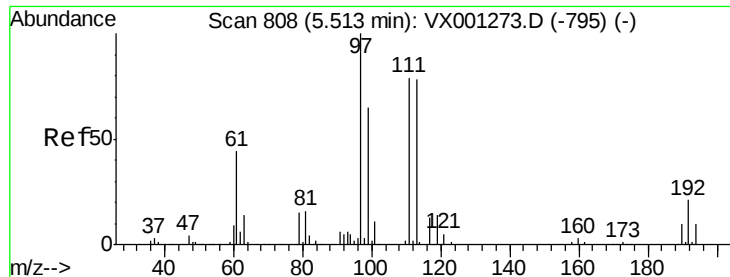


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

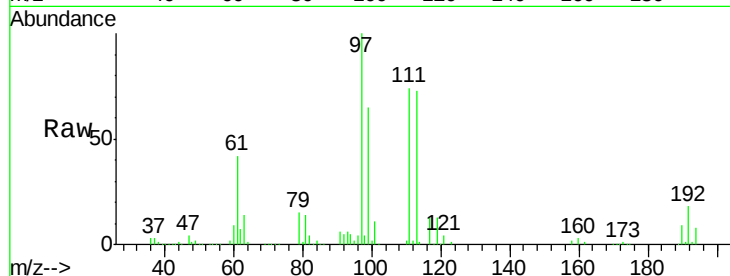




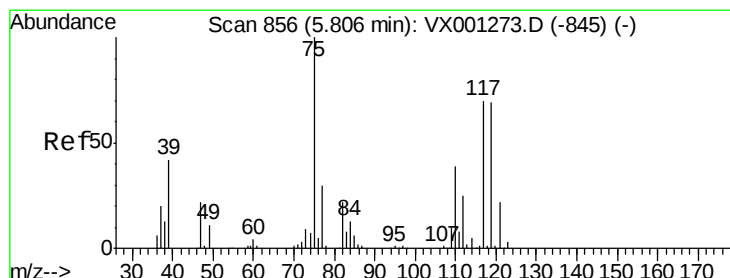
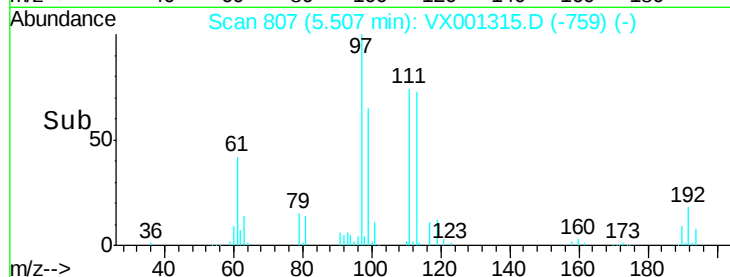
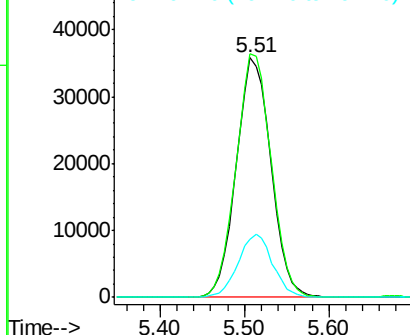
#35
 Dibromofluoromethane
 Concen: 51.54 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 99669
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 26.2 20.7 31.1

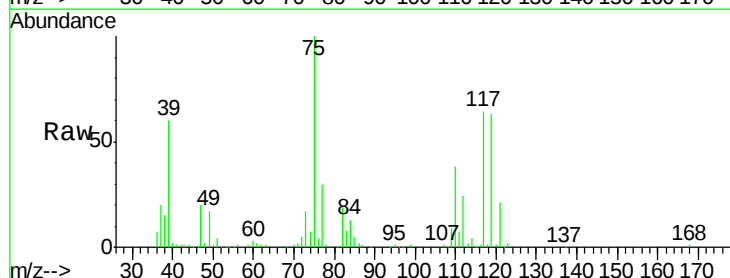


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

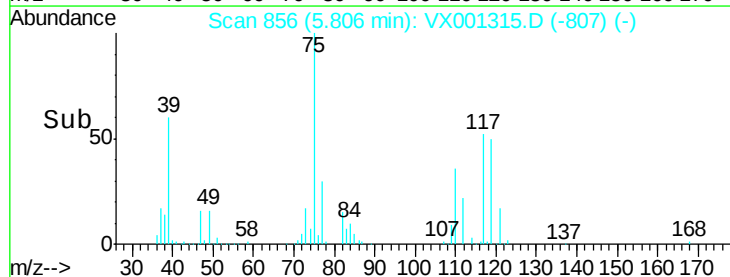
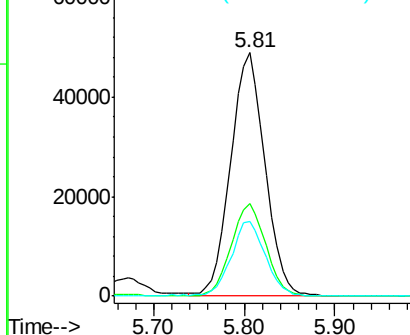


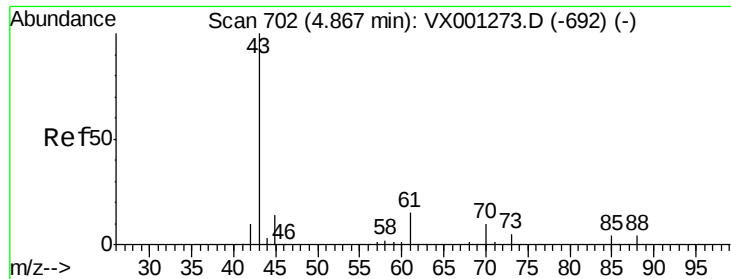
#36
 1,1-Dichloropropene
 Concen: 49.33 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion: 75 Resp: 127784
 Ion Ratio Lower Upper
 75 100
 110 38.5 18.9 56.9
 77 31.3 24.2 36.2



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

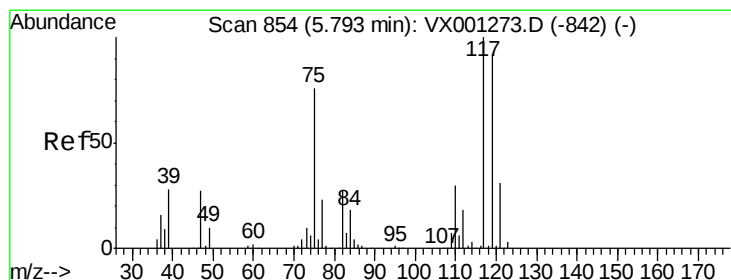
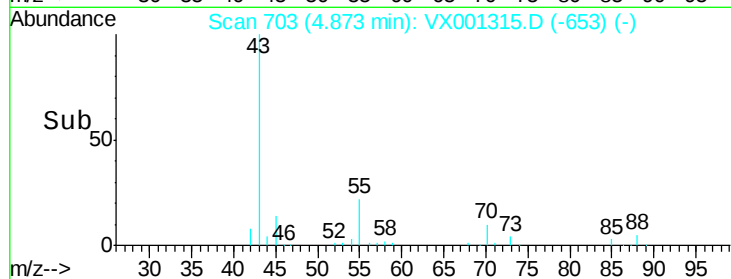
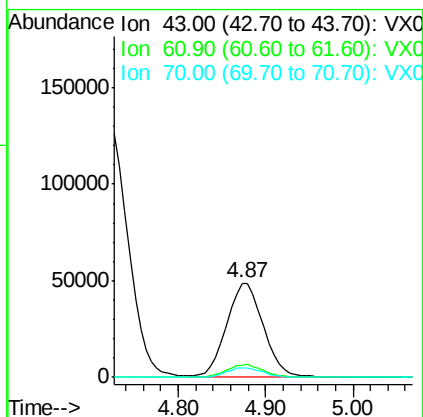
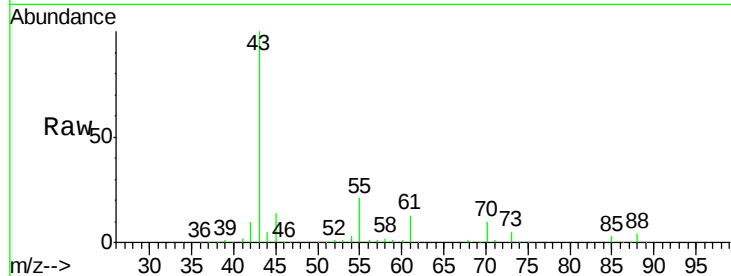




#37
Ethyl Acetate
Concen: 54.35 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

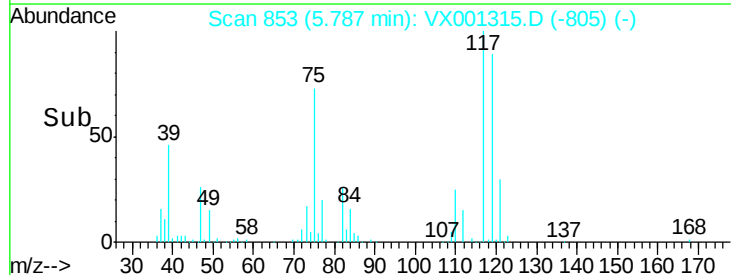
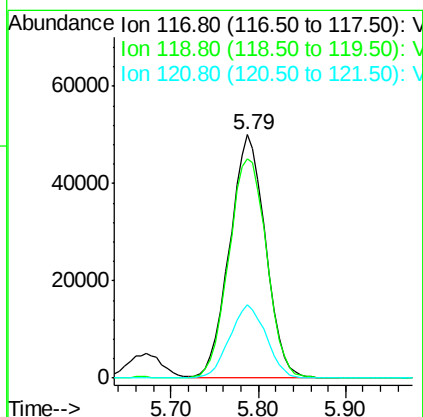
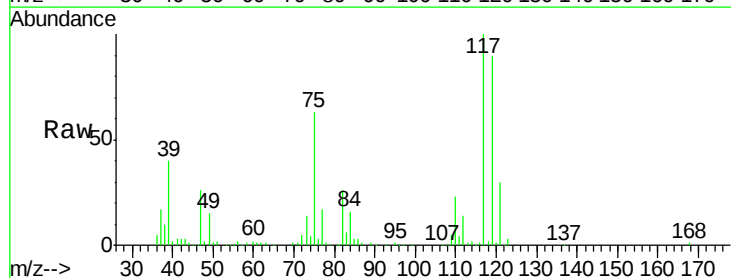
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

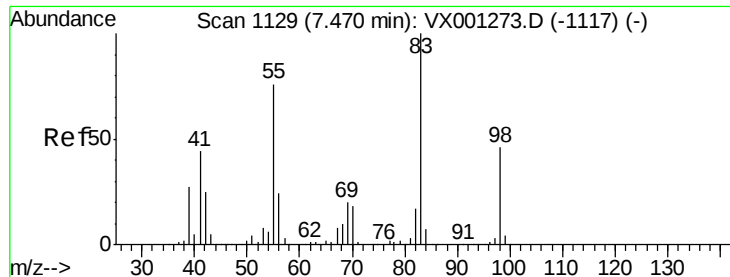
Tgt Ion: 43 Resp: 142169
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 10.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 52.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 117 Resp: 142849
Ion Ratio Lower Upper
117 100
119 90.3 73.4 110.2
121 30.2 25.0 37.4

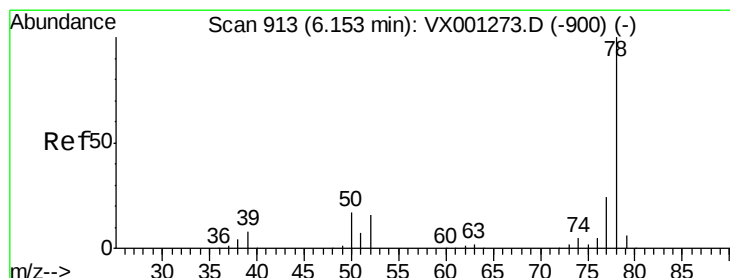
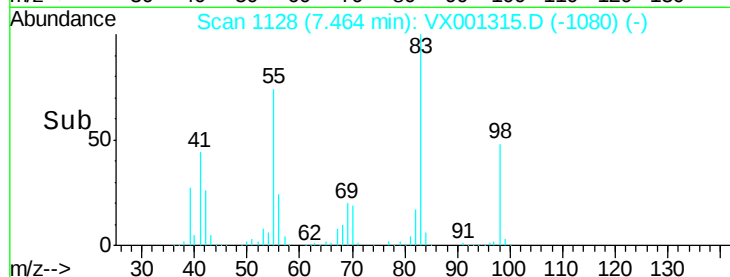
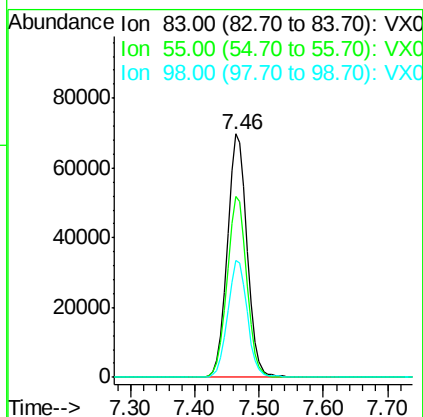
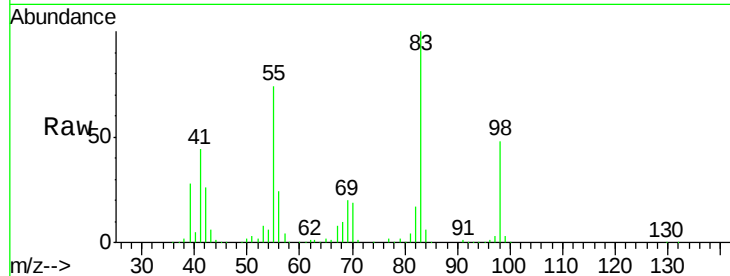




#39
Methylcyclohexane
Concen: 49.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

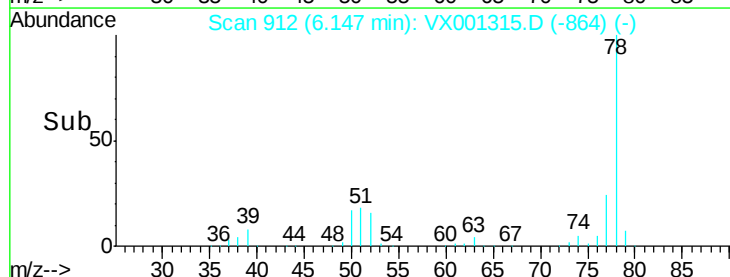
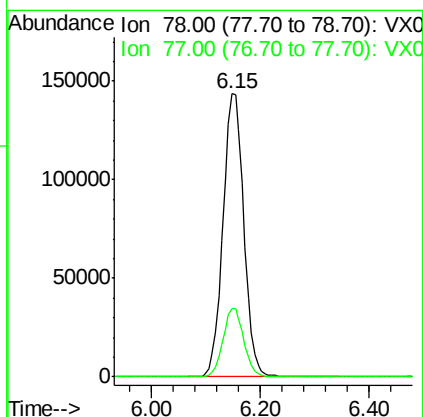
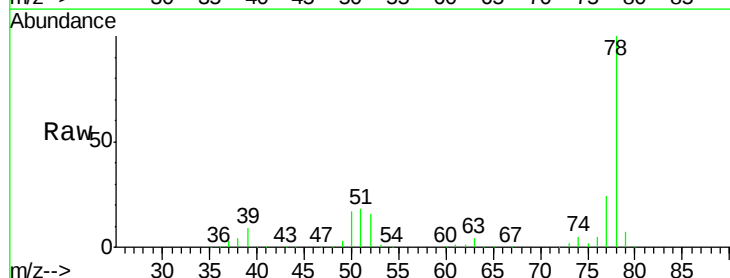
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

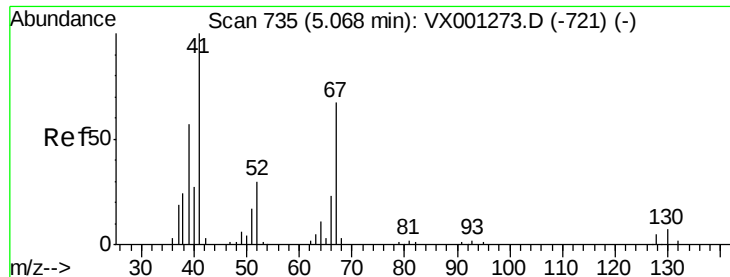
Tgt Ion: 83 Resp: 151306
Ion Ratio Lower Upper
83 100
55 74.4 60.4 90.6
98 47.8 37.0 55.6



#40
Benzene
Concen: 51.45 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 78 Resp: 383384
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41

Methacrylonitrile

Concen: 53.32 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 81234

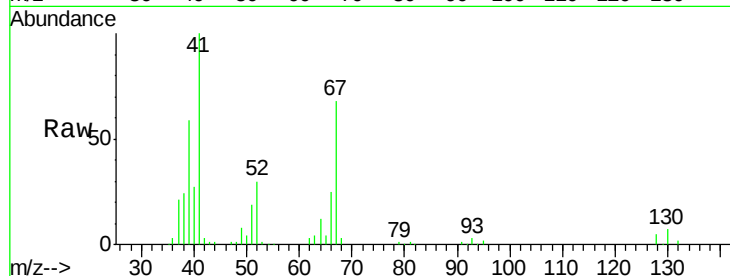
Ion Ratio Lower Upper

41 100

39 54.9 45.8 68.8

67 67.5 54.8 82.2

52 30.2 24.6 37.0

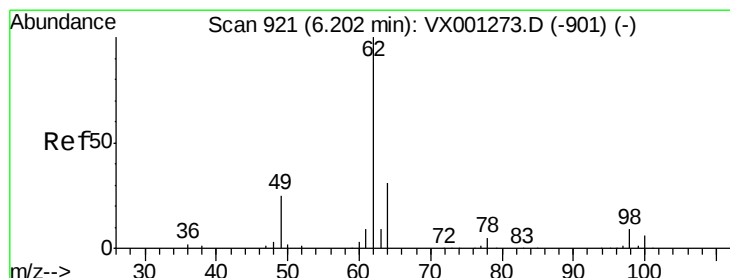
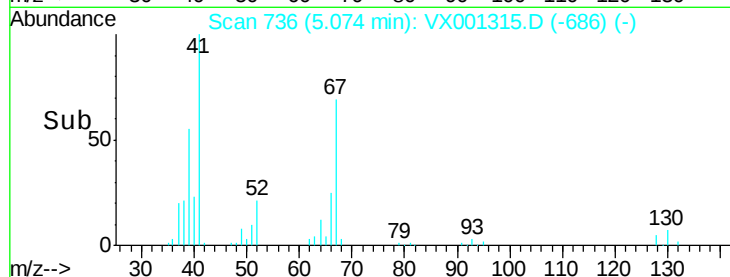
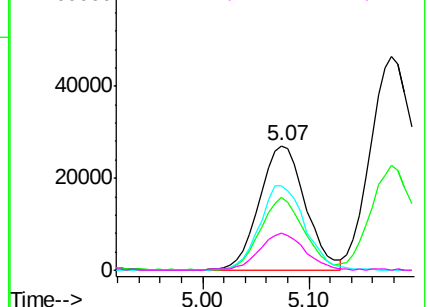


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.39 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001315.D

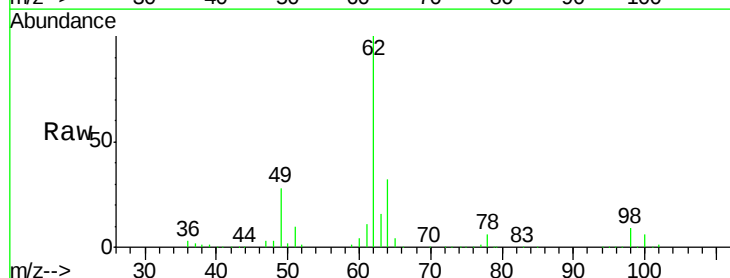
Acq: 02 May 2018 13:21

Tgt Ion: 62 Resp: 145398

Ion Ratio Lower Upper

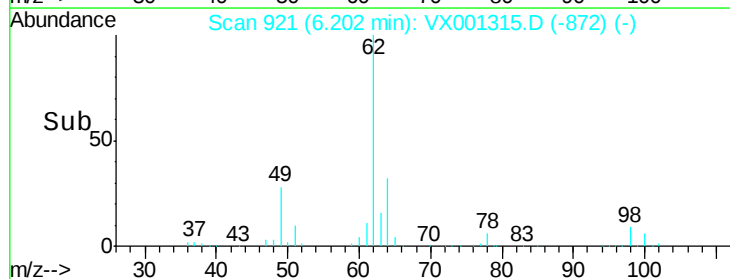
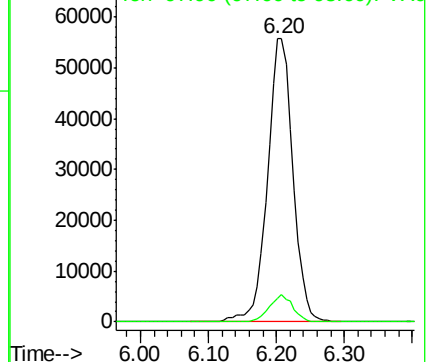
62 100

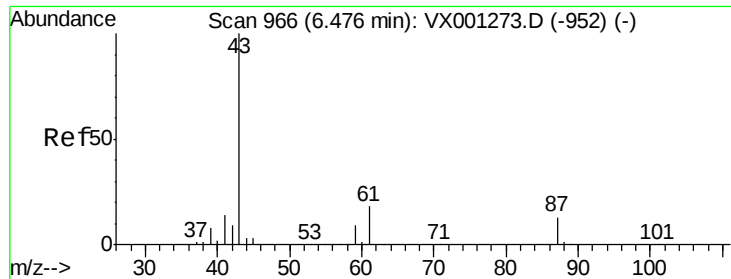
98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.45 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

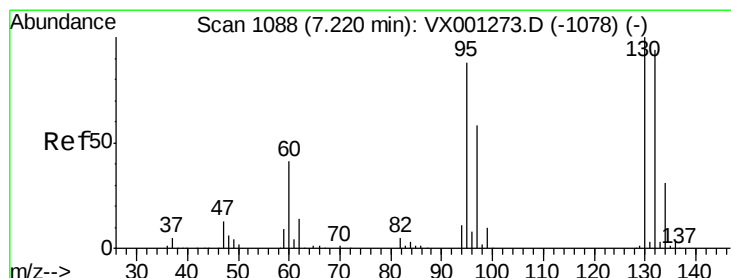
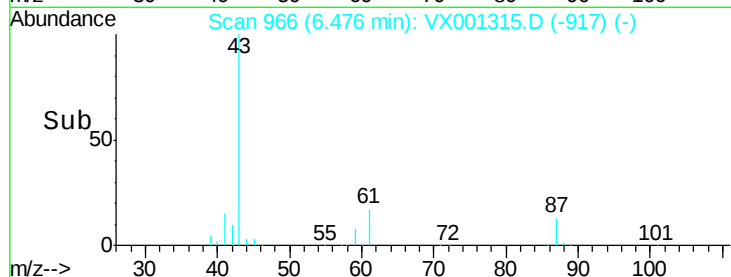
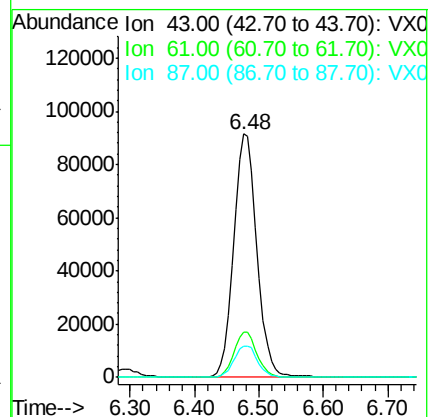
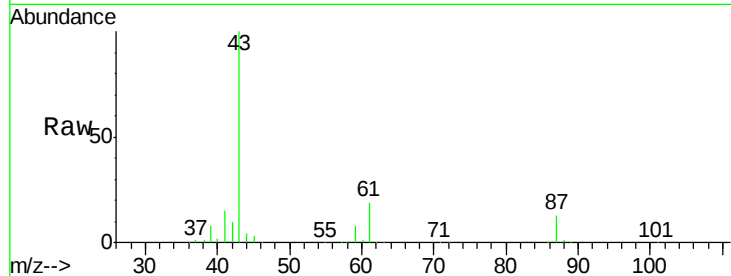
Tgt Ion: 43 Resp: 230580

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

87 13.3 10.2 15.4



#44

Trichloroethene

Concen: 50.87 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001315.D

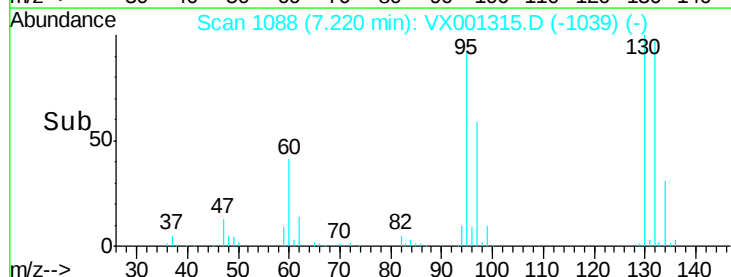
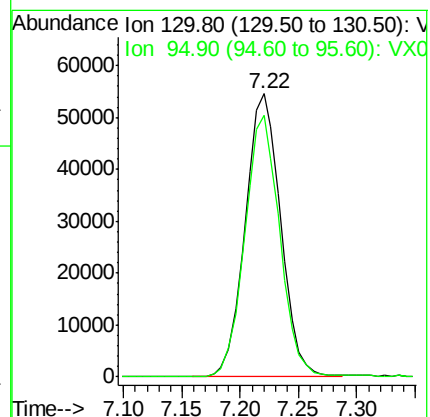
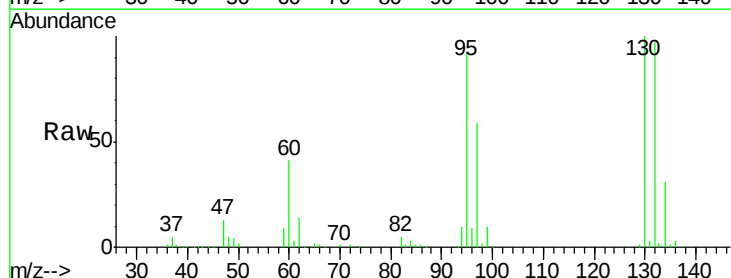
Acq: 02 May 2018 13:21

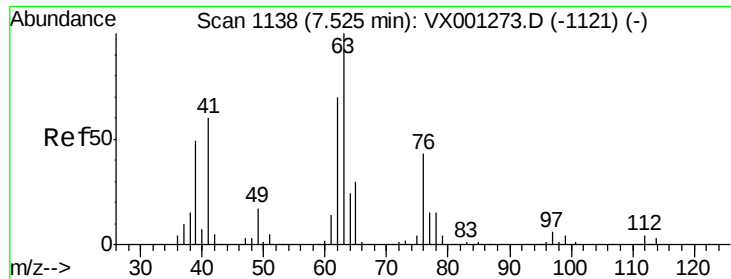
Tgt Ion: 130 Resp: 116049

Ion Ratio Lower Upper

130 100

95 92.3 0.0 176.0

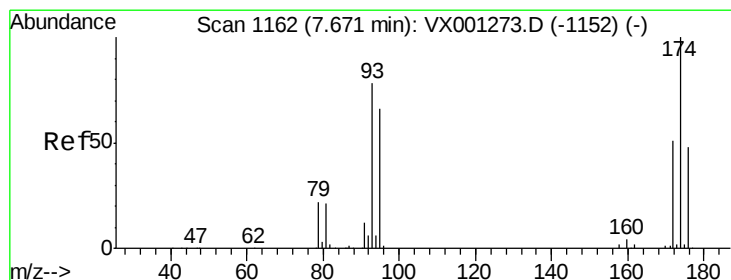
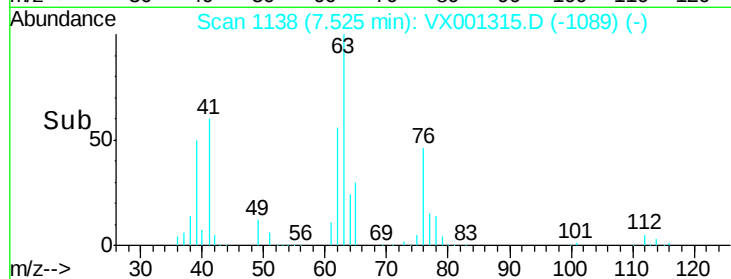
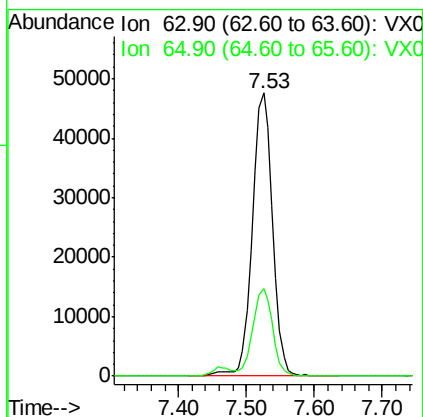
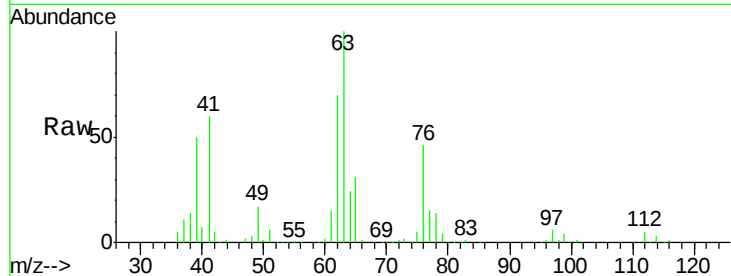




#45
 1,2-Dichloropropane
 Concen: 51.68 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

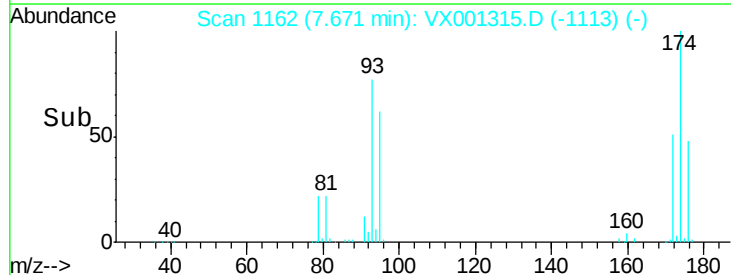
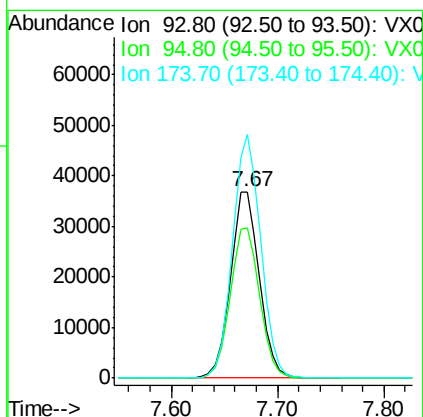
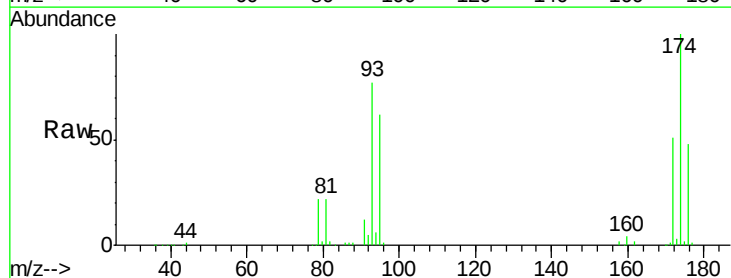
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

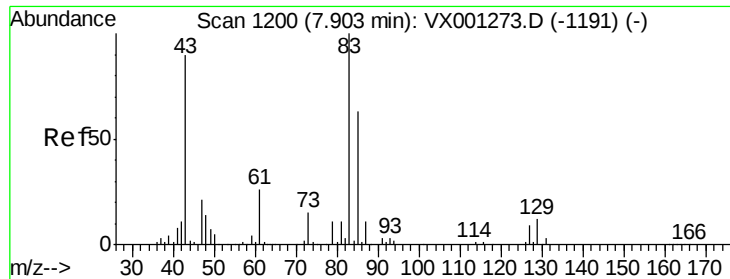
Tgt Ion: 63 Resp: 98909
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4



#46
 Dibromomethane
 Concen: 52.16 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion: 93 Resp: 69969
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.6
 174 128.5 102.3 153.5





#47

Bromodichloromethane

Concen: 54.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

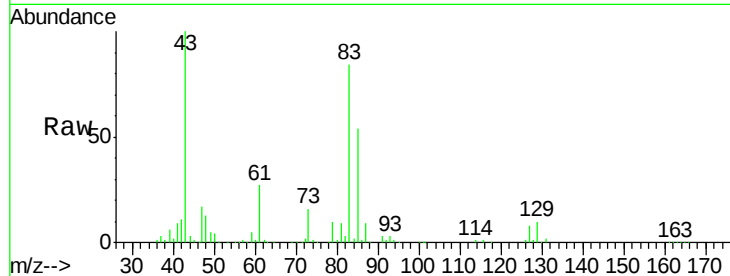
Tgt Ion: 83 Resp: 129705

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

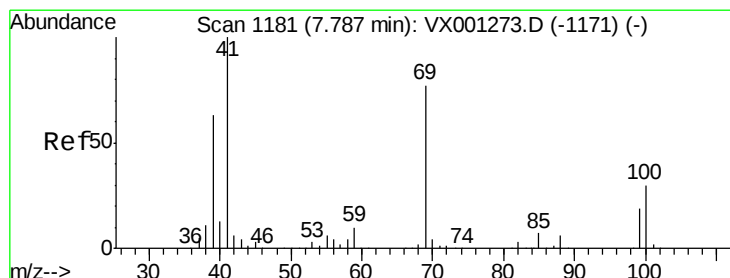
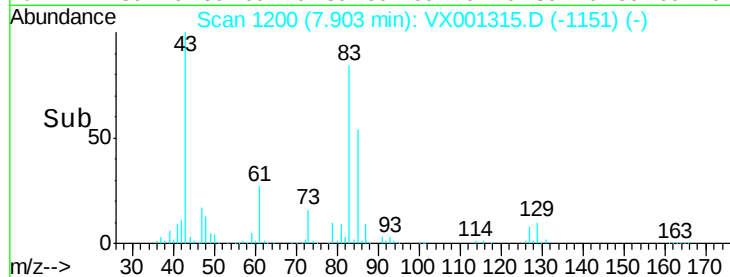
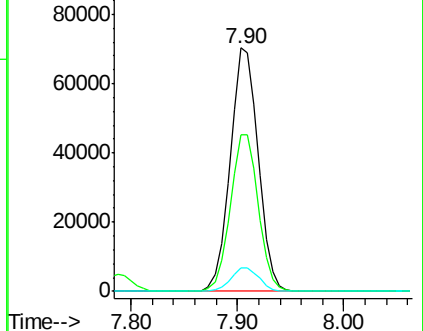
127 9.4 7.4 11.2



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: 53.74 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

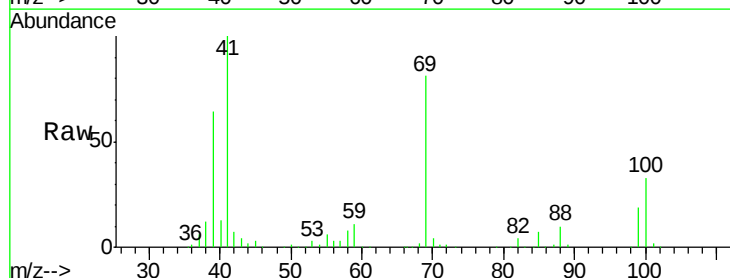
Tgt Ion: 41 Resp: 120984

Ion Ratio Lower Upper

41 100

69 79.4 63.0 94.6

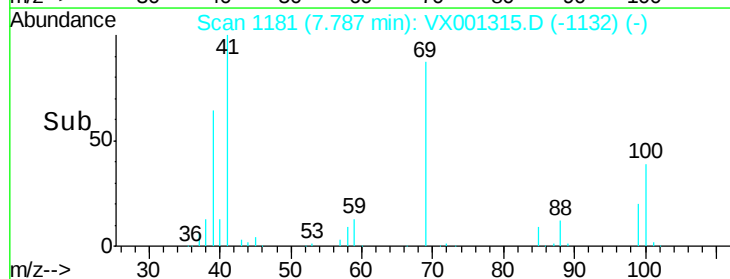
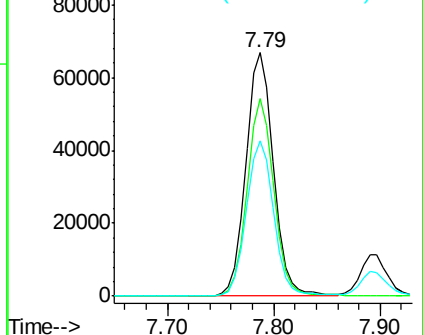
39 63.8 50.2 75.4

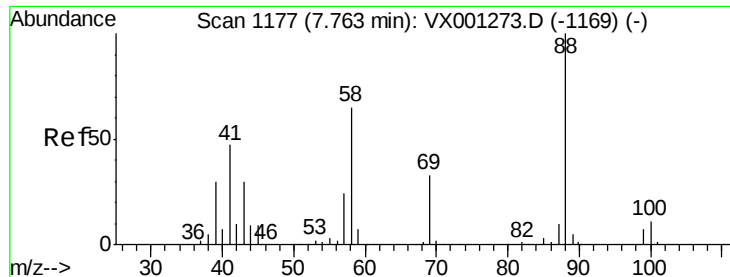


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

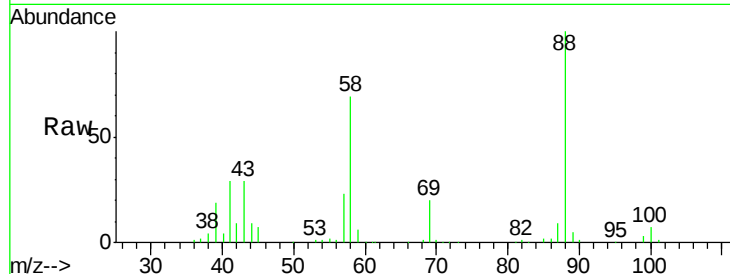




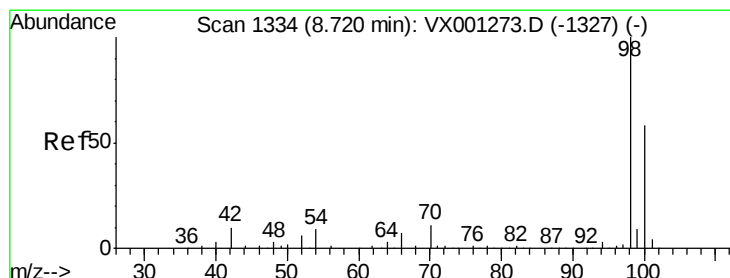
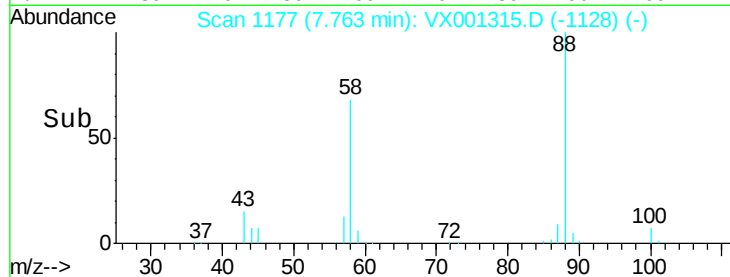
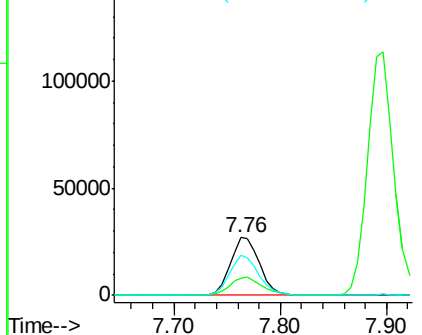
#49
1,4-Dioxane
Concen: 1217.74 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 51733
Ion Ratio Lower Upper
88 100
43 34.0 27.9 41.9
58 69.3 54.2 81.2

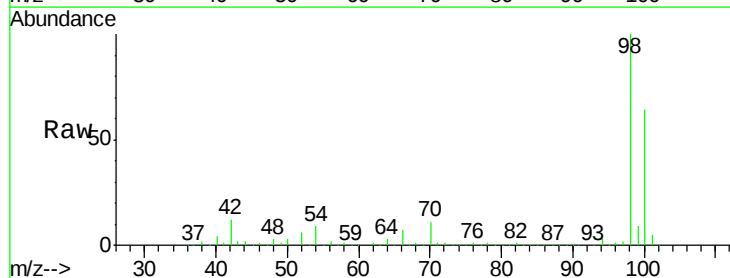


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

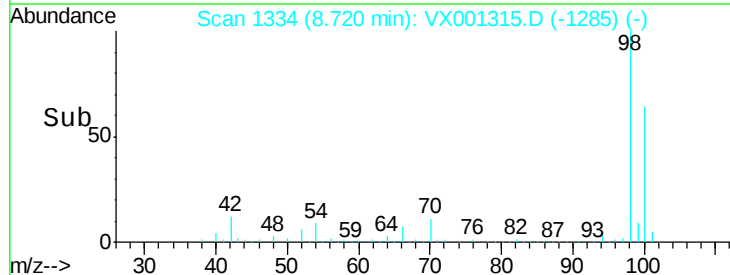
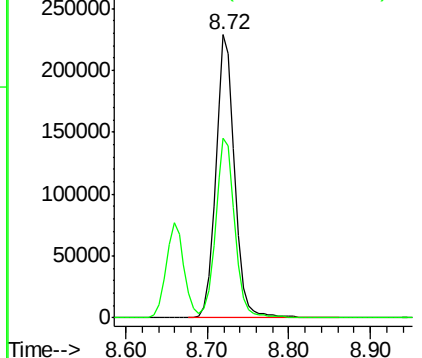


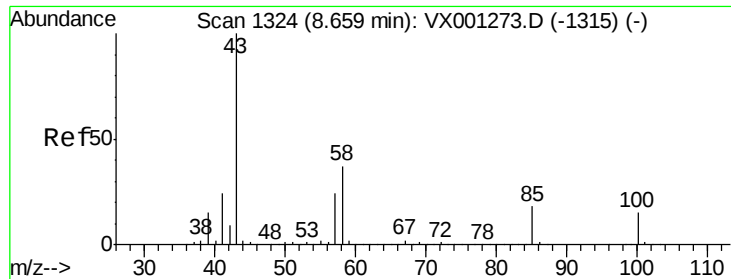
#50
Toluene-d8
Concen: 53.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 98 Resp: 368770
Ion Ratio Lower Upper
98 100
100 64.9 51.0 76.4



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

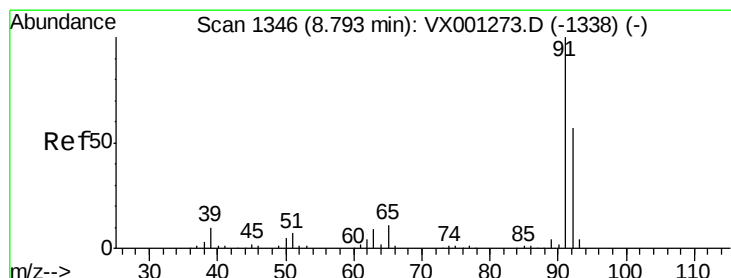
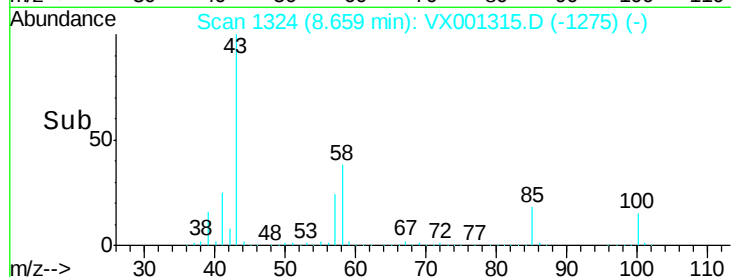
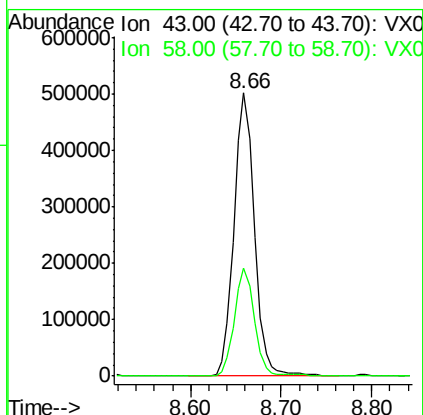
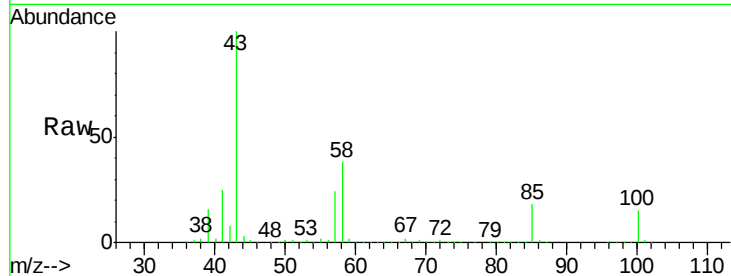




#51
4-Methyl-2-Pentanone
Concen: 287.82 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

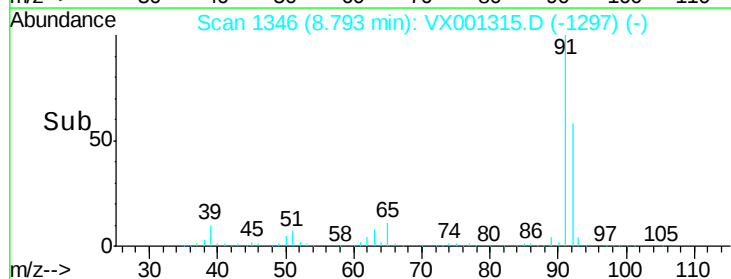
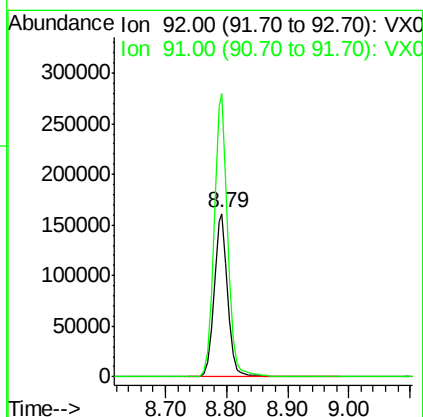
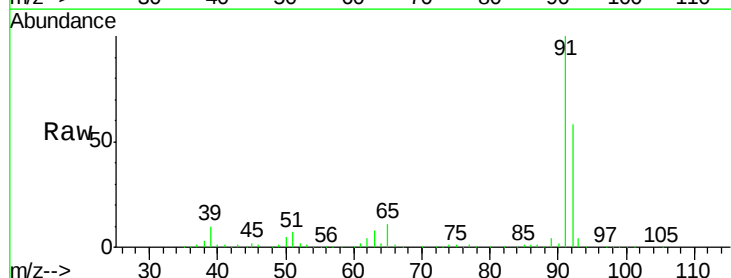
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

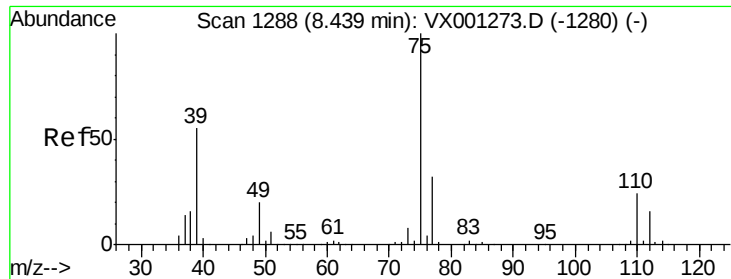
Tgt Ion: 43 Resp: 785801
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6



#52
Toluene
Concen: 52.41 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 92 Resp: 255292
Ion Ratio Lower Upper
92 100
91 174.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 53.48 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampled :

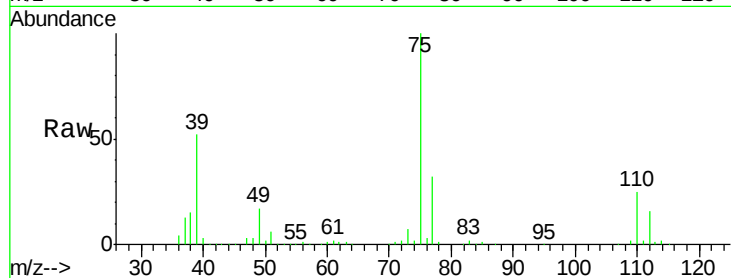
VSTDCCC050

Tgt Ion: 75 Resp: 152539

Ion Ratio Lower Upper

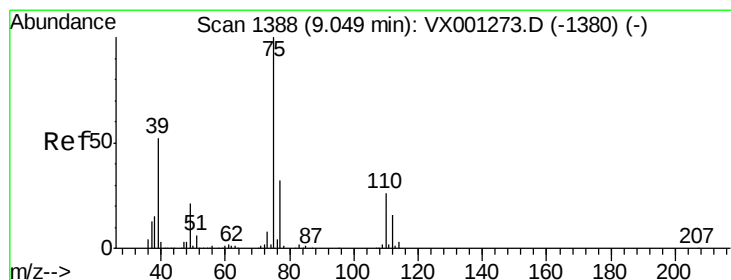
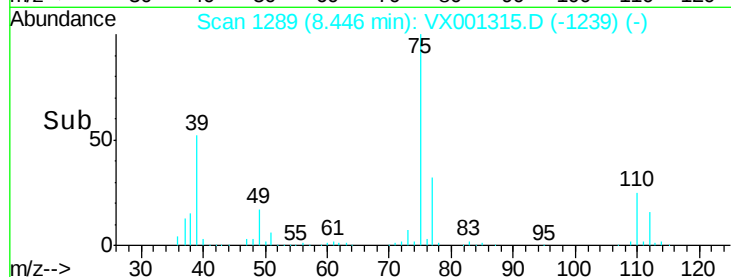
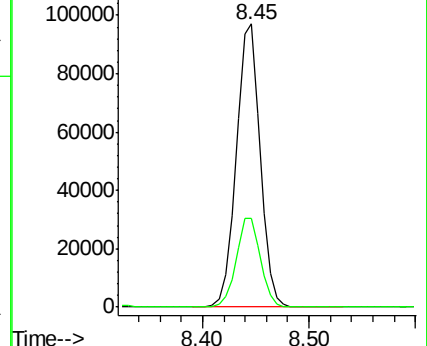
75 100

77 31.6 25.6 38.4



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: 54.83 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

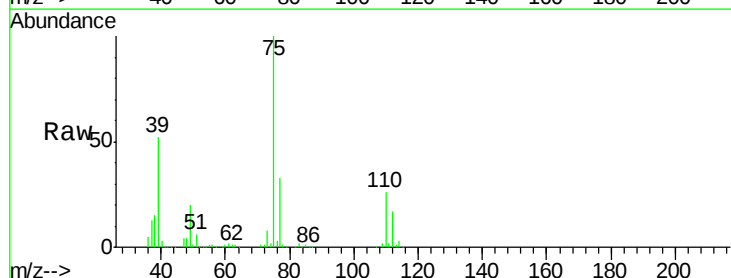
Tgt Ion: 75 Resp: 143892

Ion Ratio Lower Upper

75 100

77 33.0 25.5 38.3

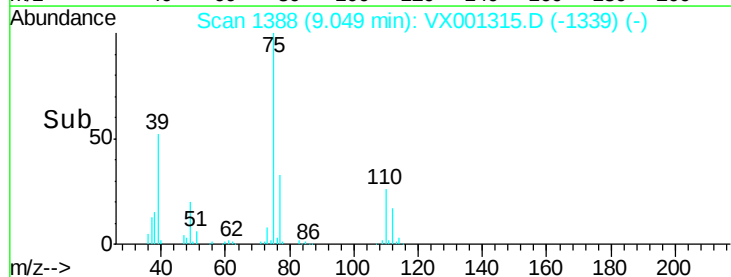
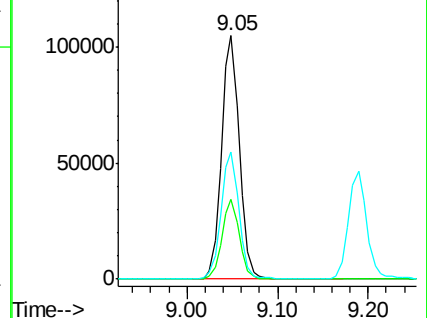
39 51.9 41.9 62.9

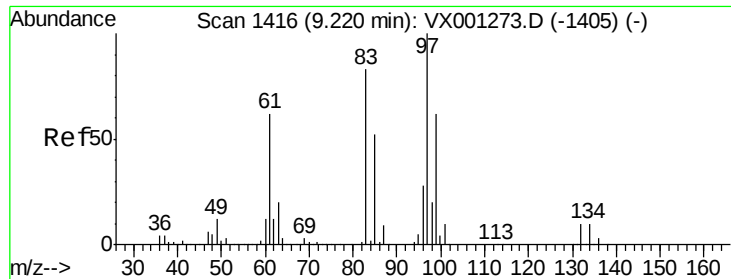


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

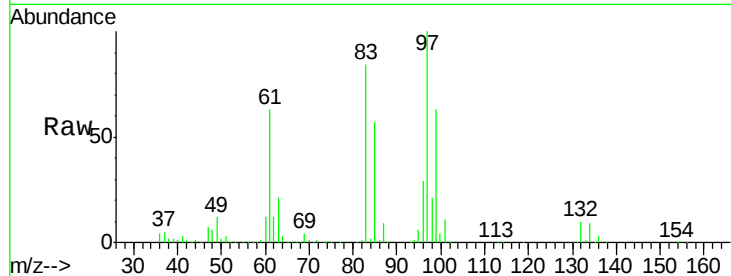




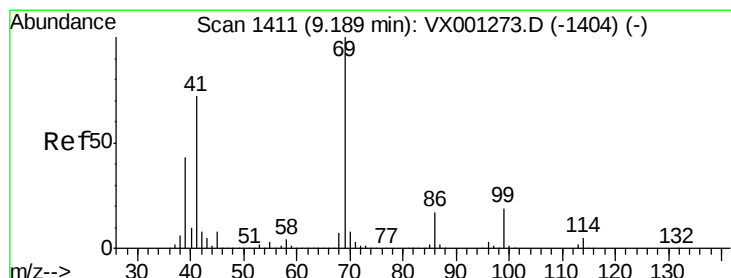
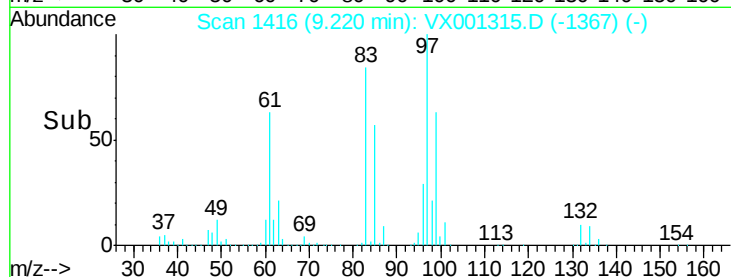
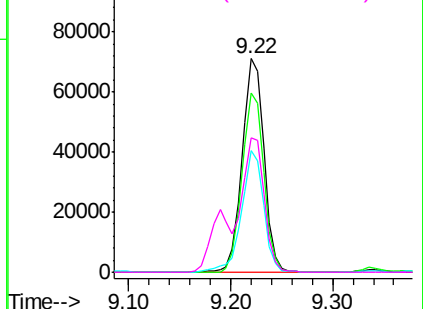
#55
 1,1,2-Trichloroethane
 Concen: 53.42 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	105112
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.4	99.6
85	56.8	41.6	62.4
99	62.7	49.3	73.9

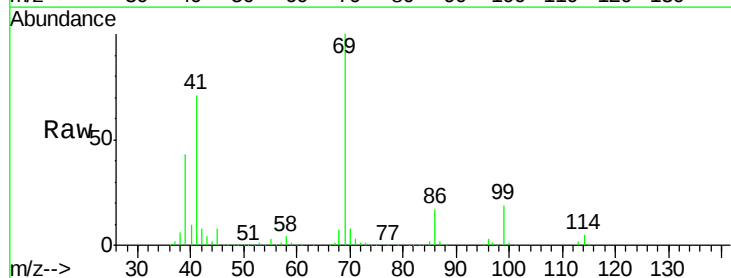


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

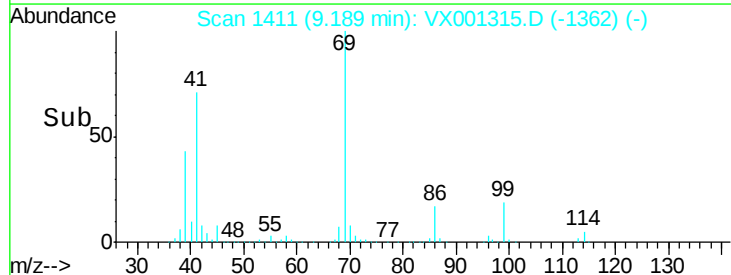
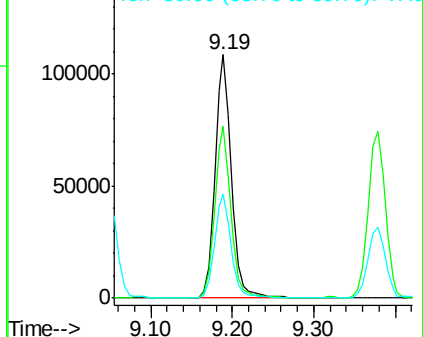


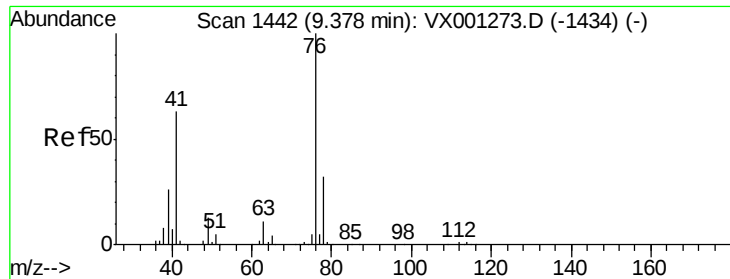
#56
 Ethyl methacrylate
 Concen: 56.50 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion:	69	Resp:	154033
Ion	Ratio	Lower	Upper
69	100		
41	69.8	57.2	85.8
39	42.9	34.3	51.5



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: 52.99 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

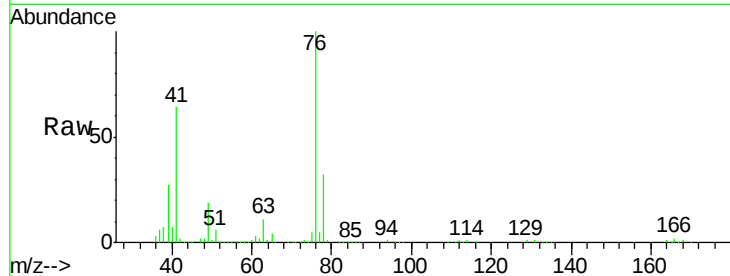
VSTDCCC050

Tgt Ion: 76 Resp: 167730

Ion Ratio Lower Upper

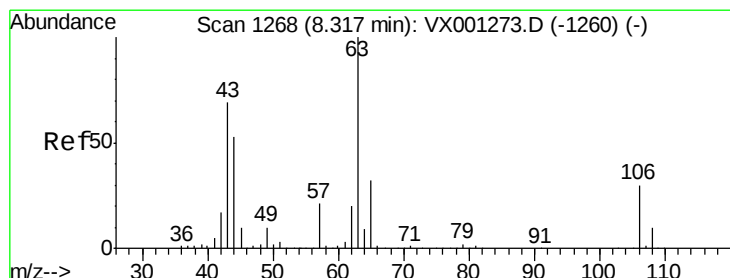
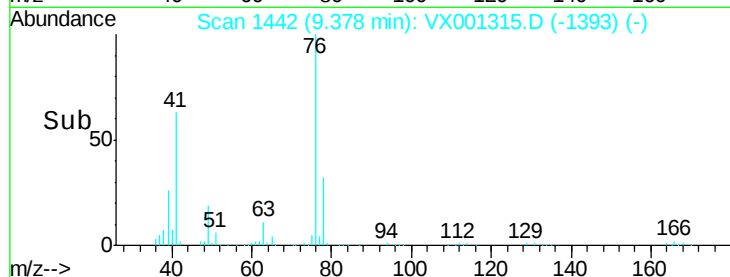
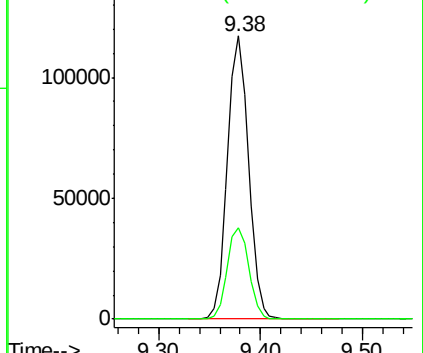
76 100

78 33.0 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: 293.21 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001315.D

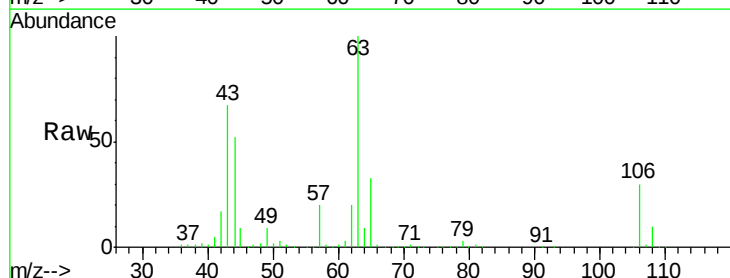
Acq: 02 May 2018 13:21

Tgt Ion: 63 Resp: 385685

Ion Ratio Lower Upper

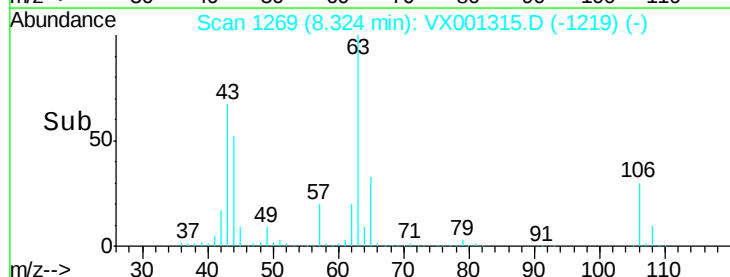
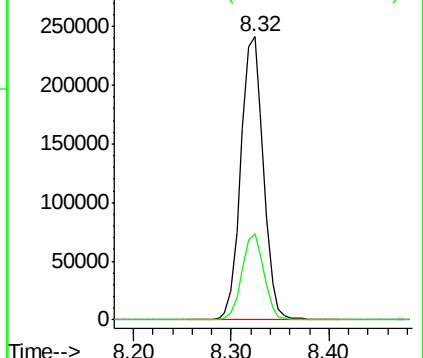
63 100

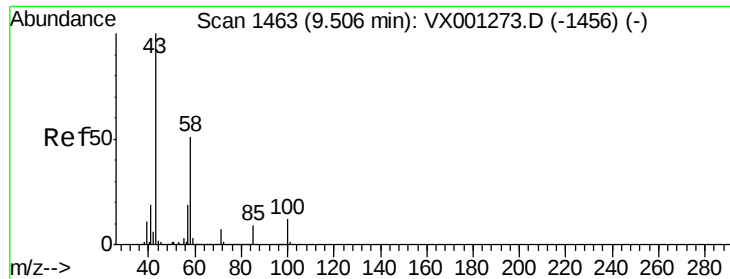
106 29.8 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

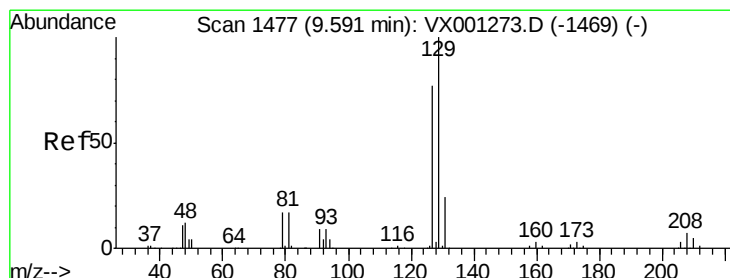
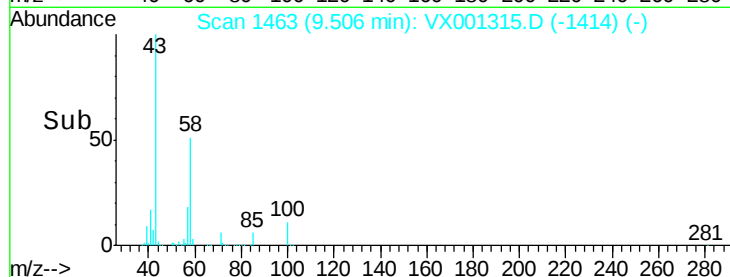
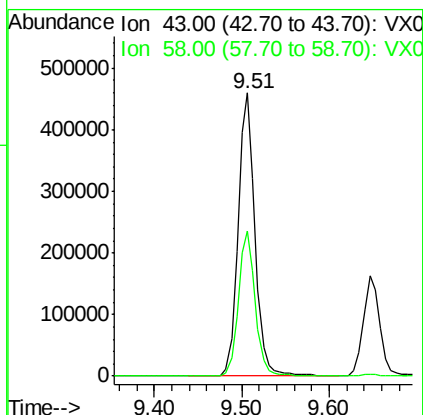
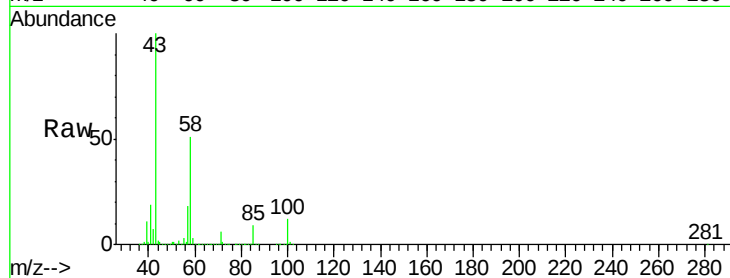




#59
2-Hexanone
Concen: 290.66 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

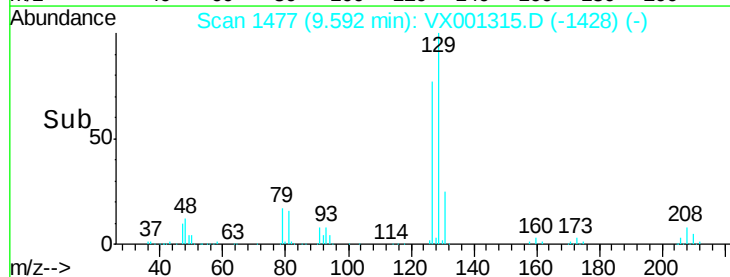
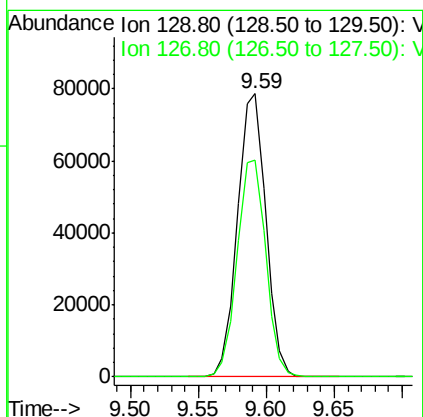
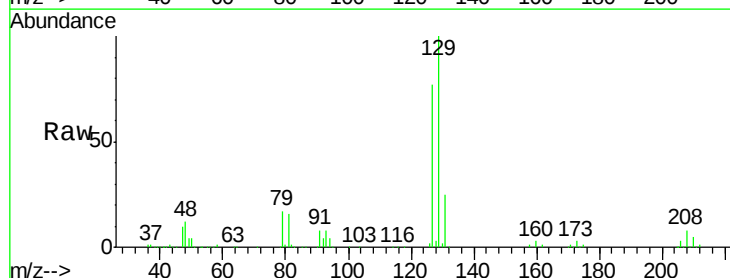
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

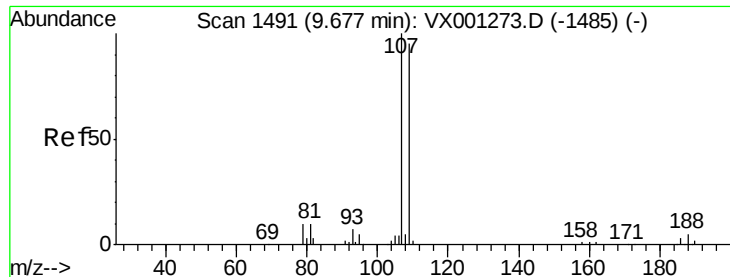
Tgt Ion: 43 Resp: 620236
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.0



#60
Dibromochloromethane
Concen: 55.94 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion: 129 Resp: 114814
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 54.14 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

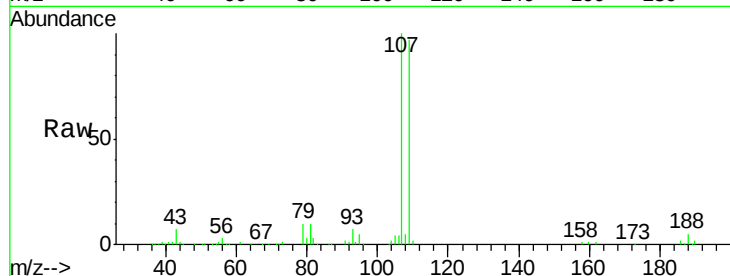
VSTDCCC050

Tgt Ion: 107 Resp: 112918

Ion Ratio Lower Upper

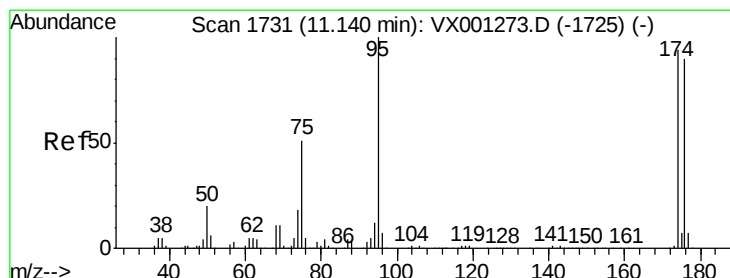
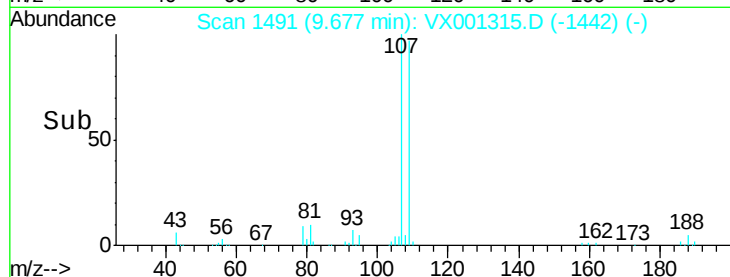
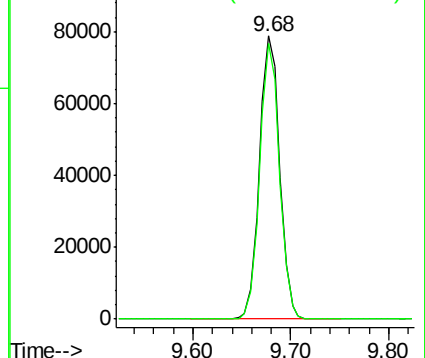
107 100

109 95.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

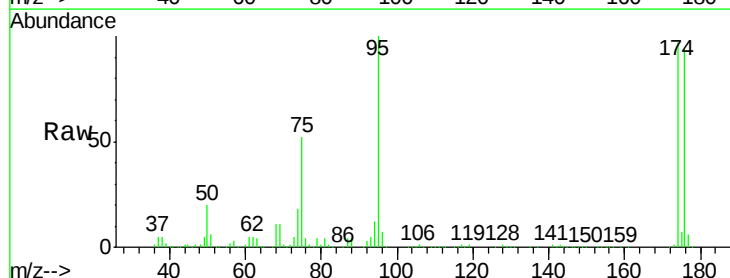
Tgt Ion: 95 Resp: 143317

Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

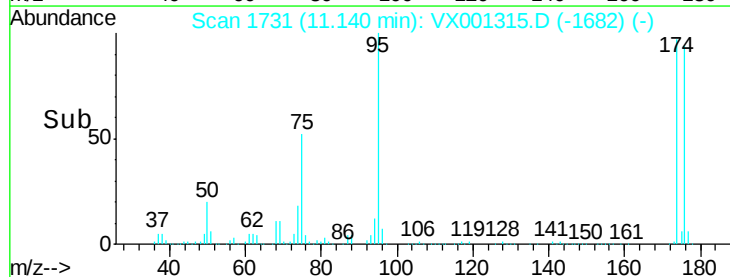
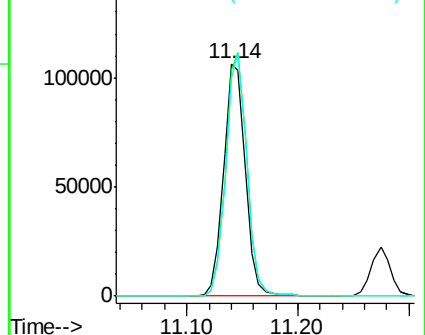
176 100.6 0.0 197.2



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

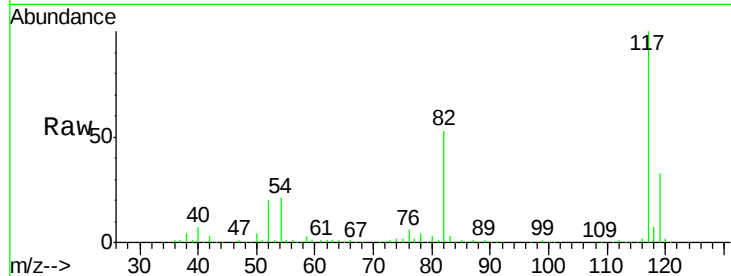




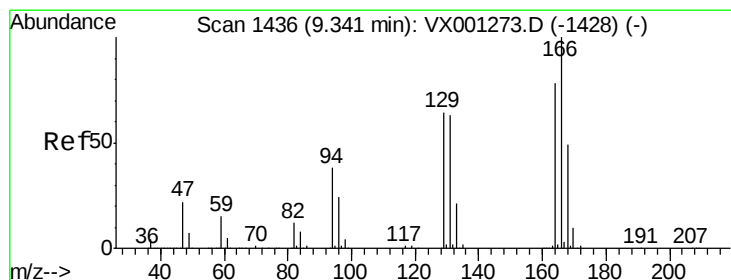
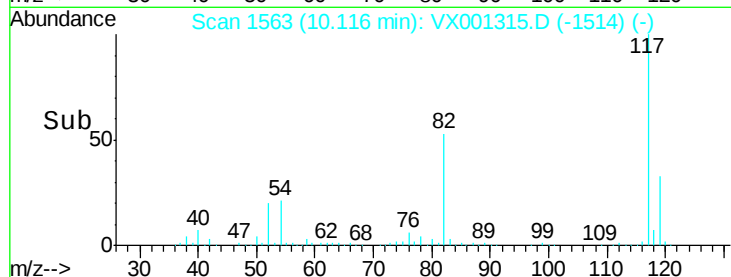
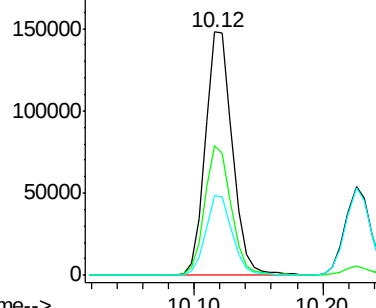
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 217051
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 33.0 25.5 38.3

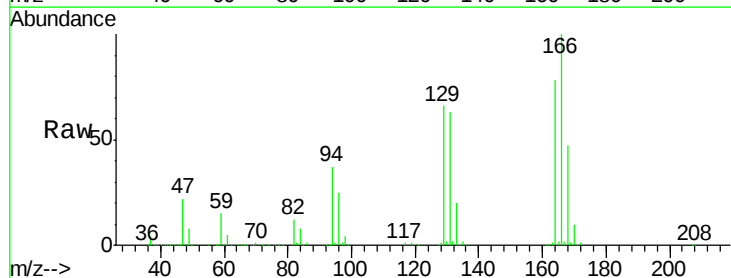


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

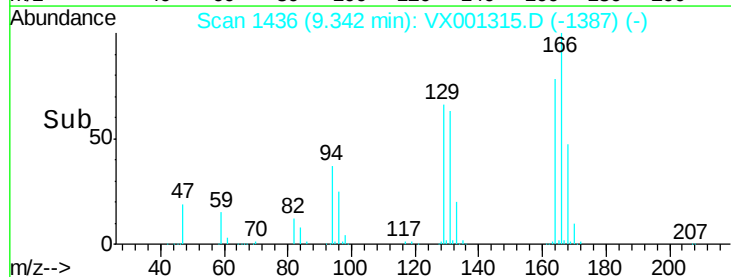
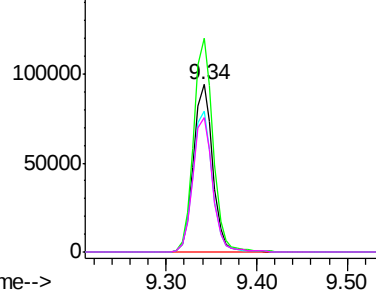


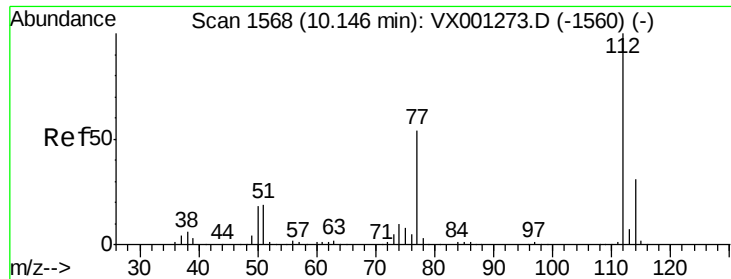
#64
Tetrachloroethene
Concen: 54.43 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:164 Resp: 139971
Ion Ratio Lower Upper
164 100
166 127.5 102.3 153.5
129 84.3 65.1 97.7
131 80.2 64.2 96.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

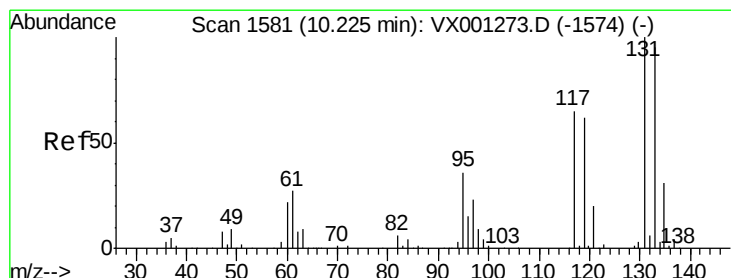
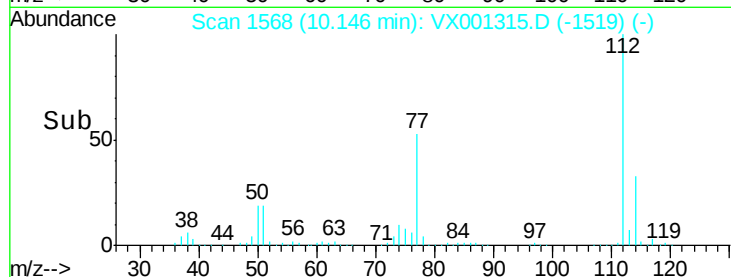
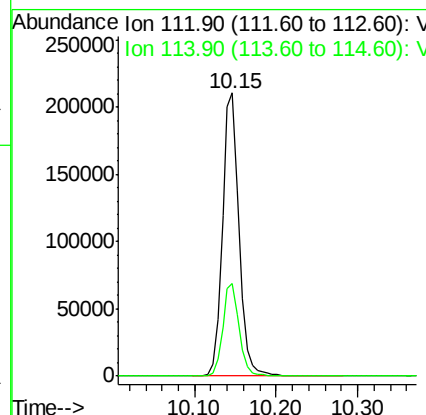
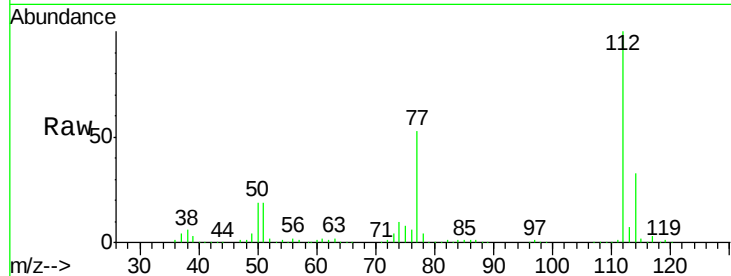




#65
Chlorobenzene
Concen: 50.84 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

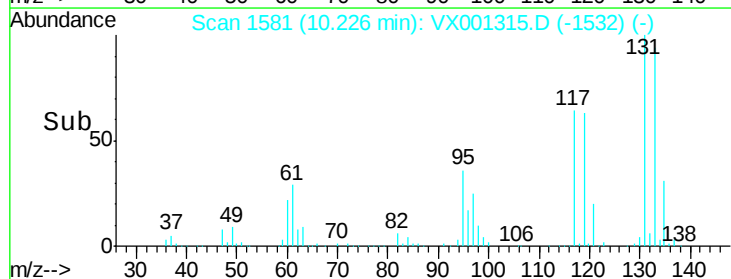
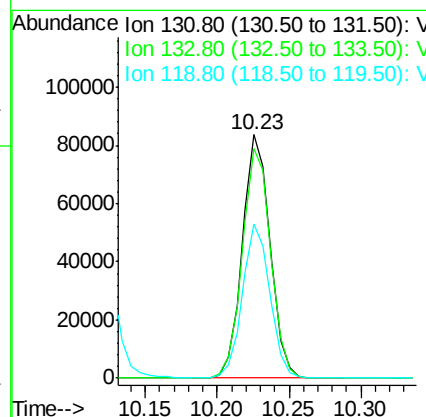
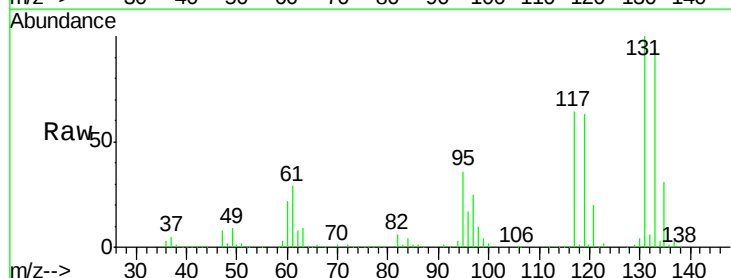
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

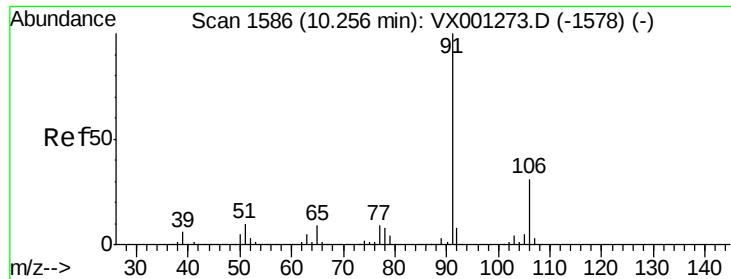
Tgt Ion:112 Resp: 300098
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.42 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:131 Resp: 111522
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 63.0 31.2 93.6





#67

Ethyl Benzene

Concen: 51.19 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

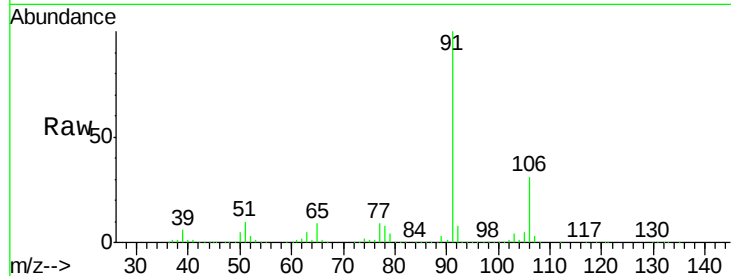
VSTDCCC050

Tgt Ion: 91 Resp: 497964

Ion Ratio Lower Upper

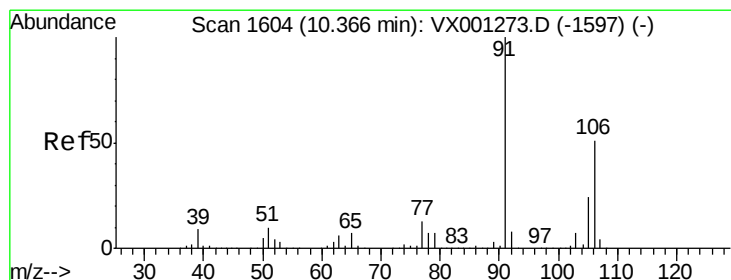
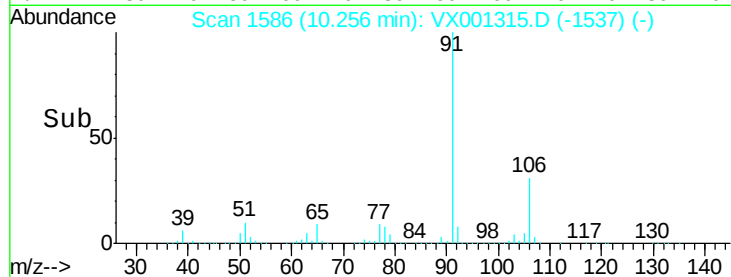
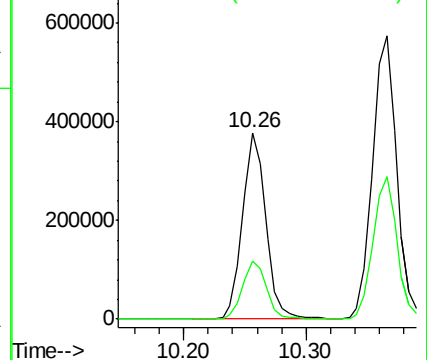
91 100

106 31.0 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.86 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001315.D

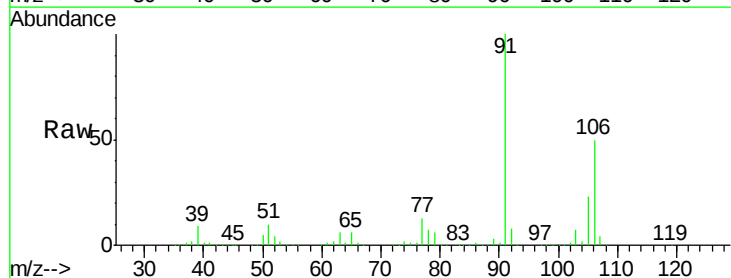
Acq: 02 May 2018 13:21

Tgt Ion: 106 Resp: 397522

Ion Ratio Lower Upper

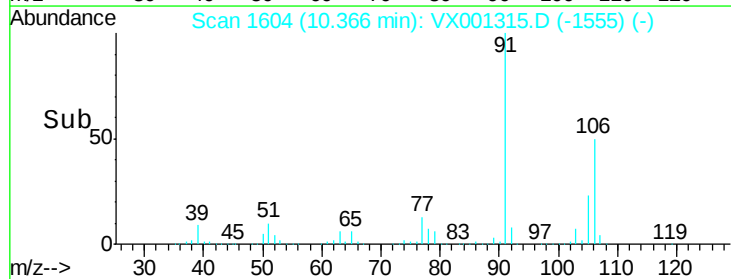
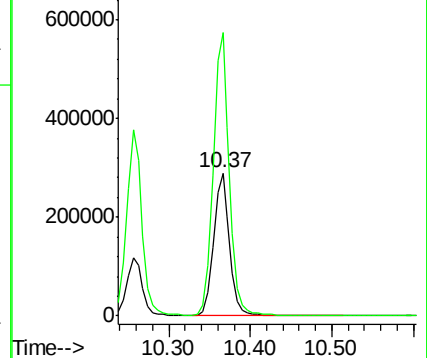
106 100

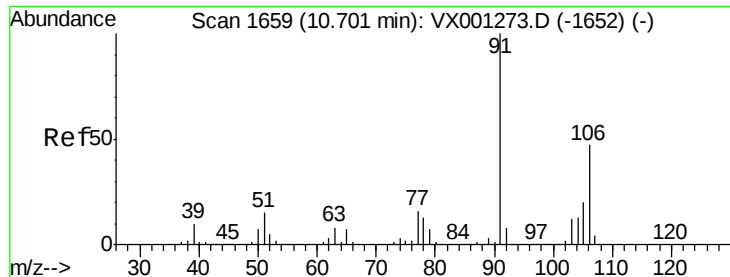
91 200.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

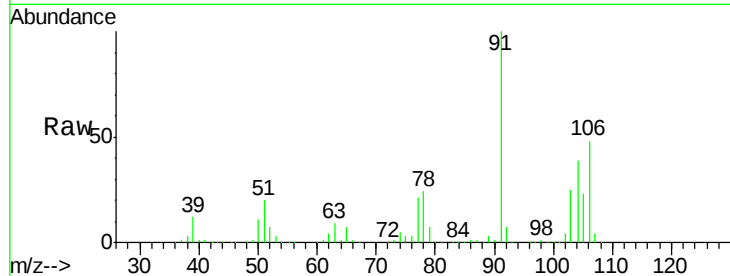




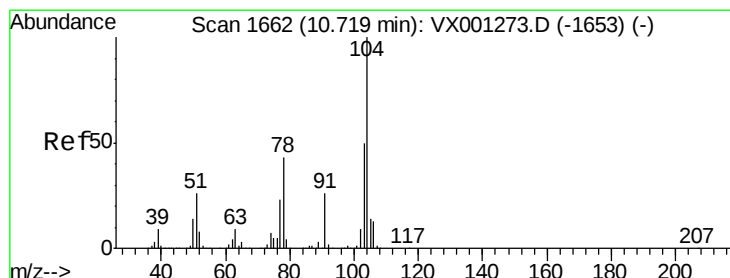
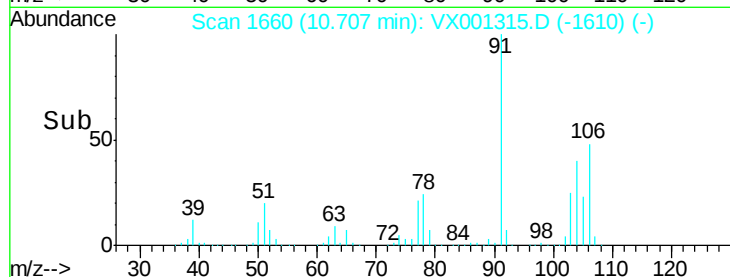
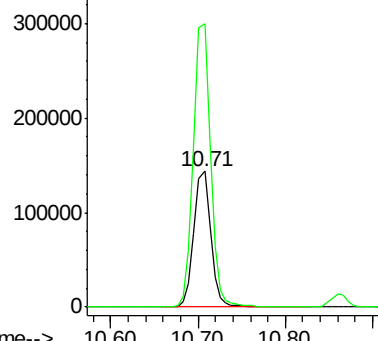
#69
o-Xylene
Concen: 52.14 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 193560
Ion Ratio Lower Upper
106 100
91 210.8 106.3 319.0

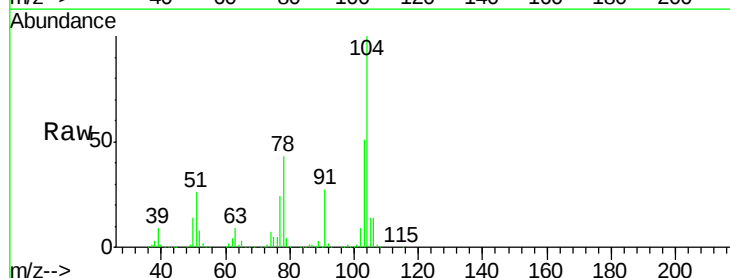


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

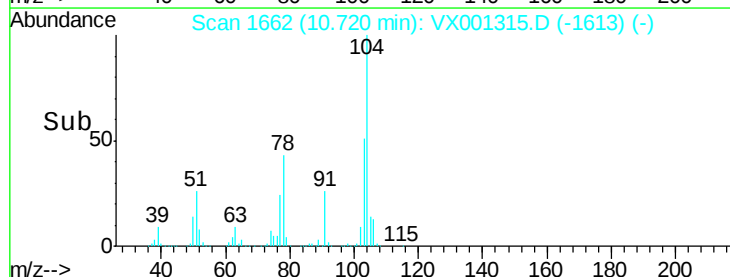
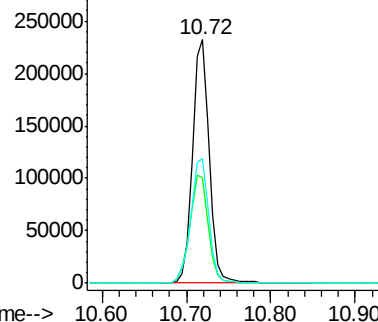


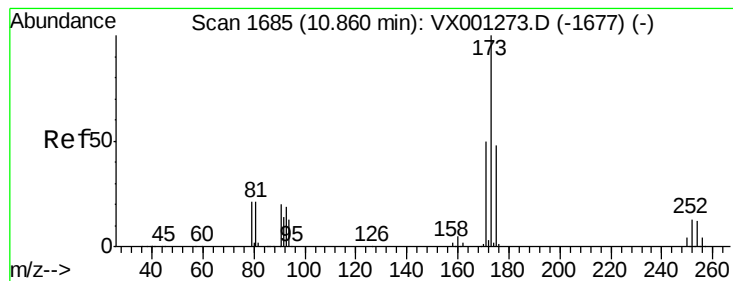
#70
Styrene
Concen: 52.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001315.D
Acq: 02 May 2018 13:21

Tgt Ion:104 Resp: 320744
Ion Ratio Lower Upper
104 100
78 49.3 40.1 60.1
103 55.5 44.5 66.7



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





#71

Bromoform

Concen: 48.50 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

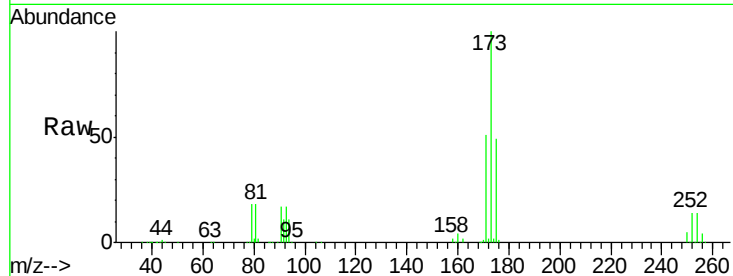
Tgt Ion:173 Resp: 95744

Ion Ratio Lower Upper

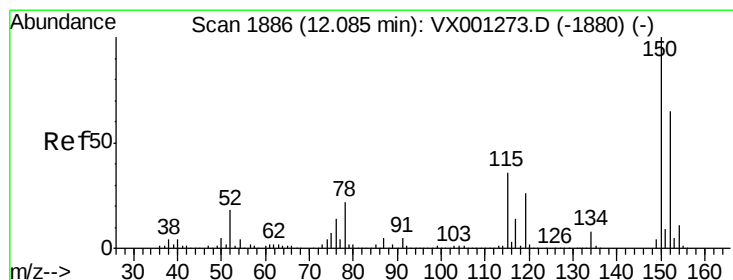
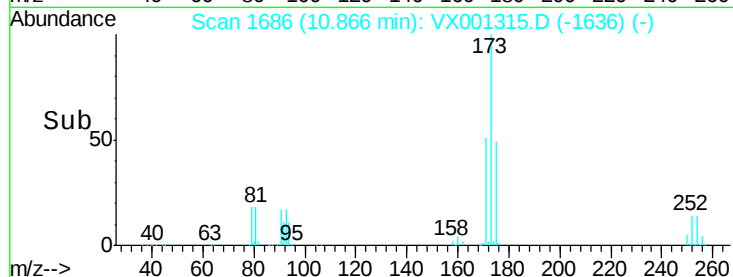
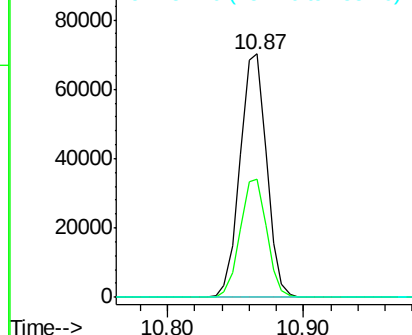
173 100

175 48.7 24.6 74.0

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

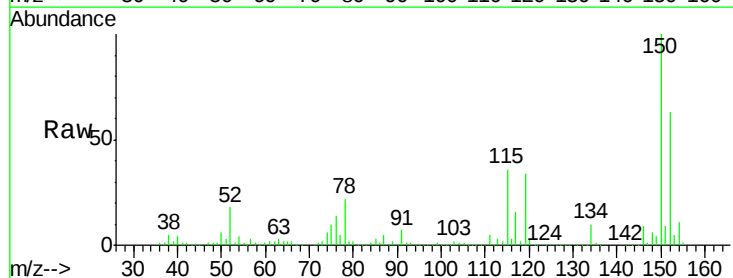
Tgt Ion:152 Resp: 151876

Ion Ratio Lower Upper

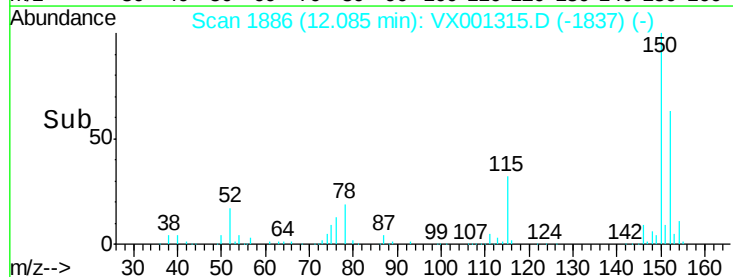
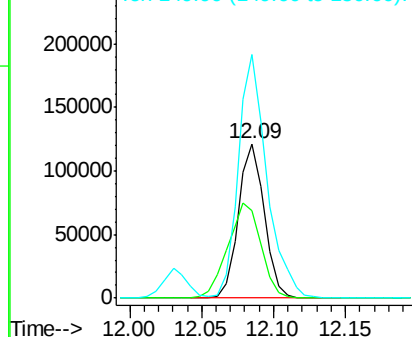
152 100

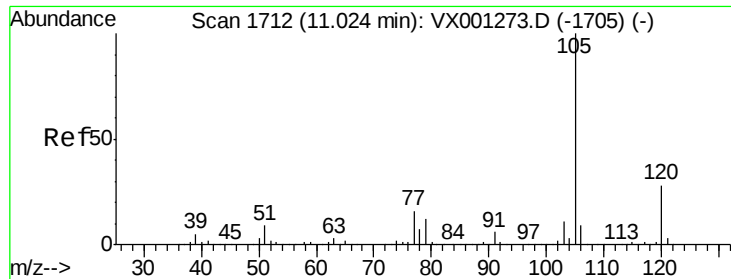
115 78.8 38.6 115.7

150 174.5 0.0 349.2



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





#73

Isopropylbenzene

Concen: 51.37 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

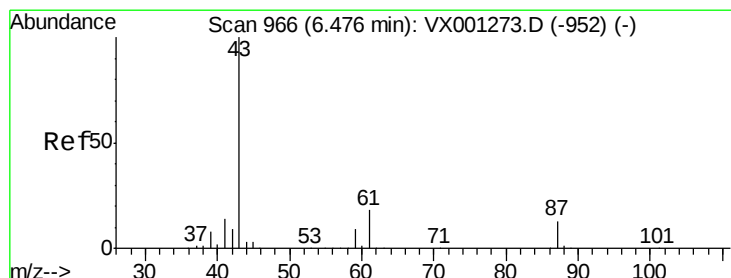
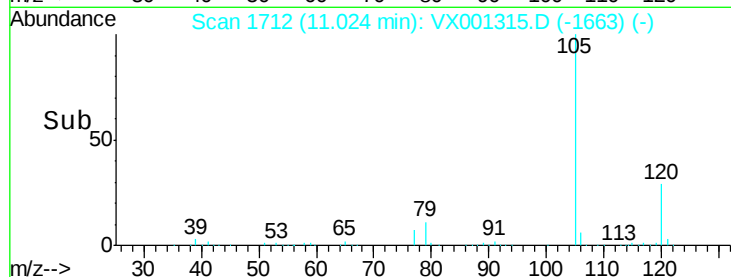
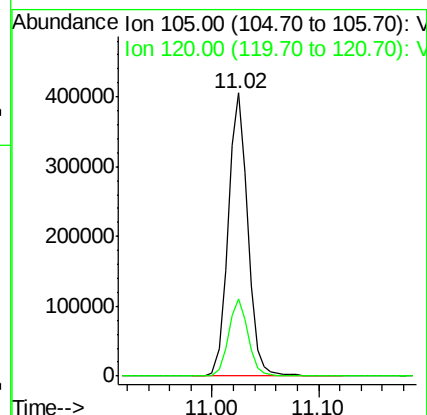
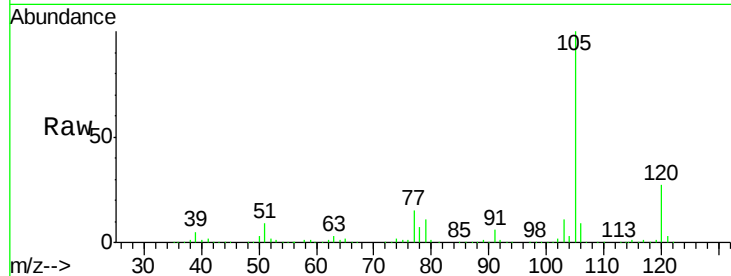
VSTDCCC050

Tgt Ion:105 Resp: 521899

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 52.90 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Tgt Ion: 43 Resp: 230580

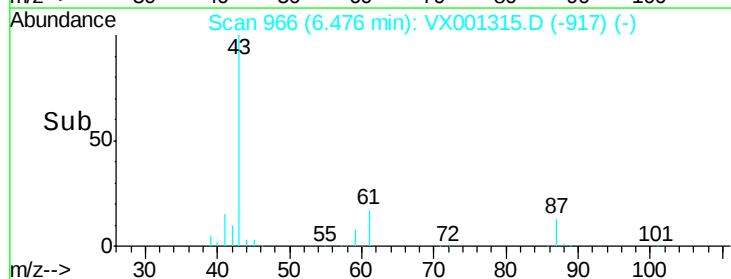
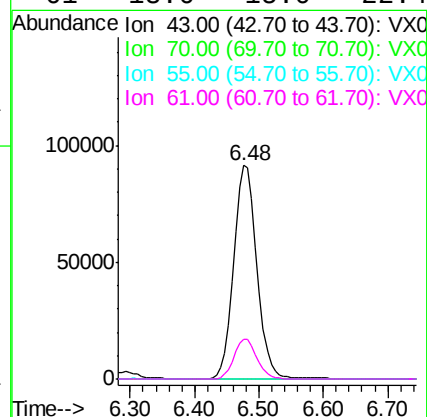
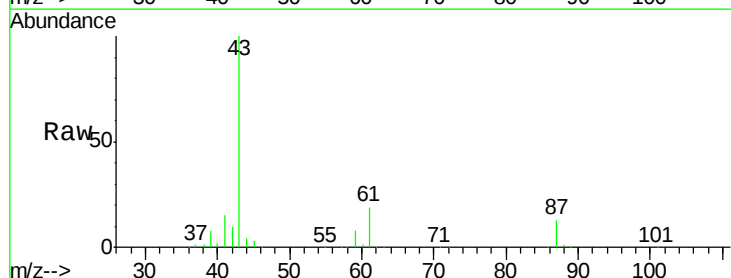
Ion Ratio Lower Upper

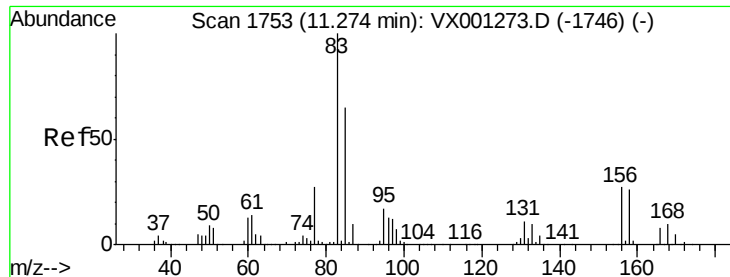
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.6 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

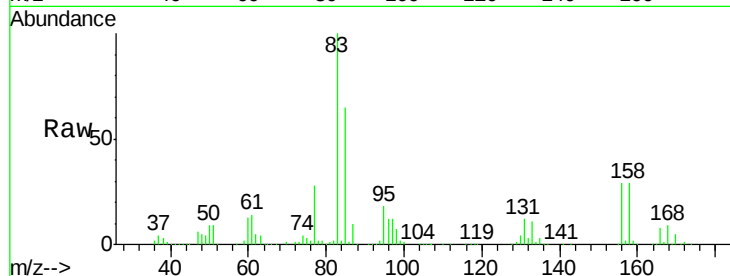
Tgt Ion: 83 Resp: 159068

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.3

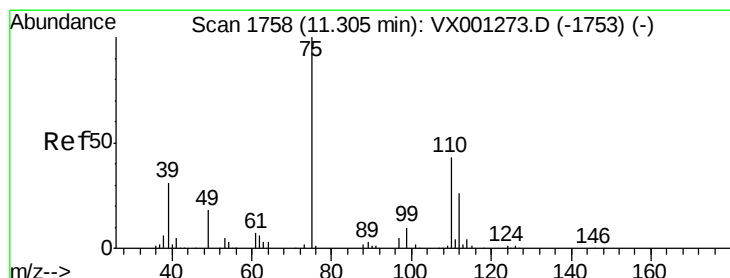
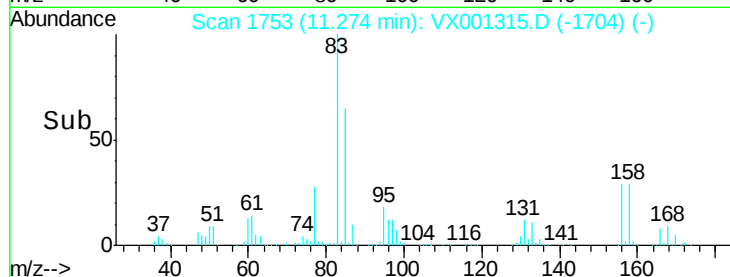
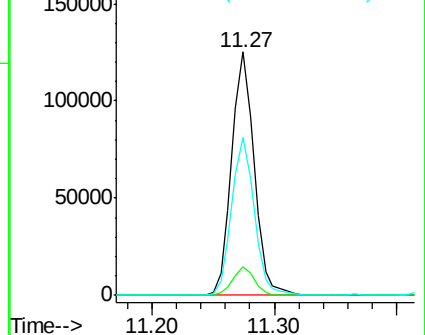
85 65.2 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.28 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001315.D

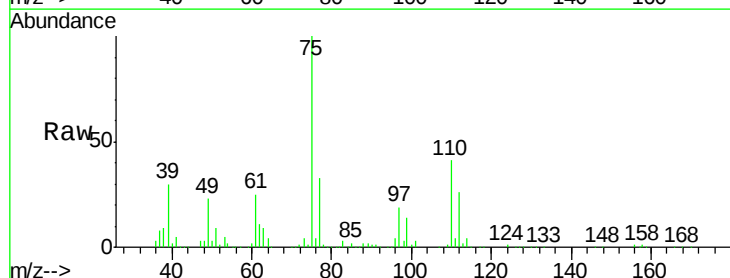
Acq: 02 May 2018 13:21

Tgt Ion: 75 Resp: 183340

Ion Ratio Lower Upper

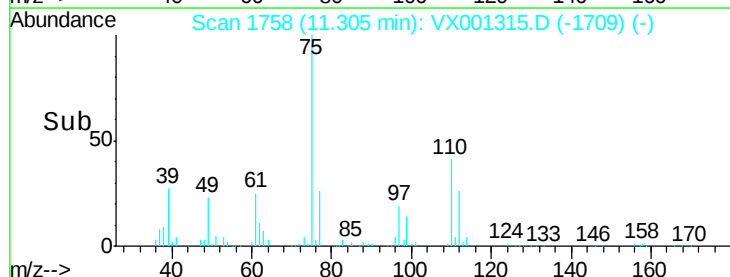
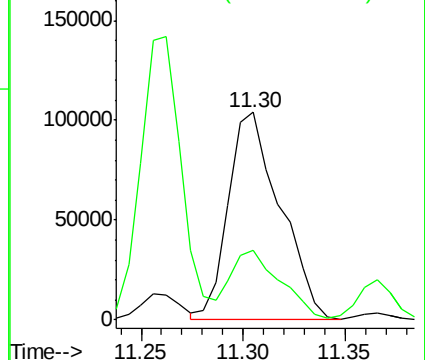
75 100

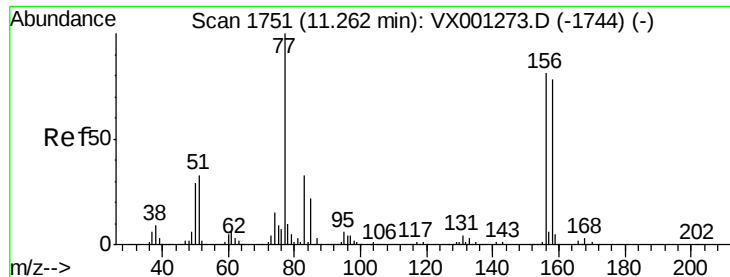
77 31.8 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

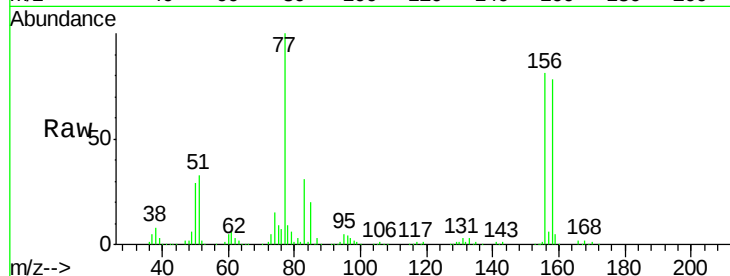
Tgt Ion:156 Resp: 151736

Ion Ratio Lower Upper

156 100

77 130.4 65.3 195.8

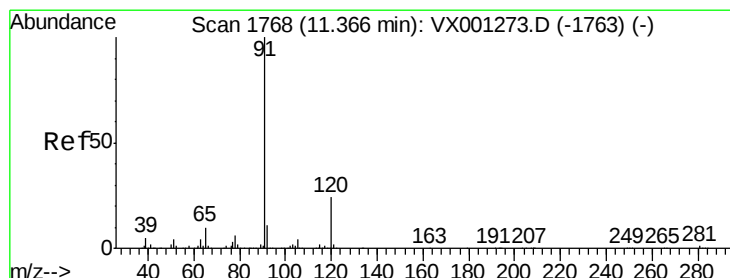
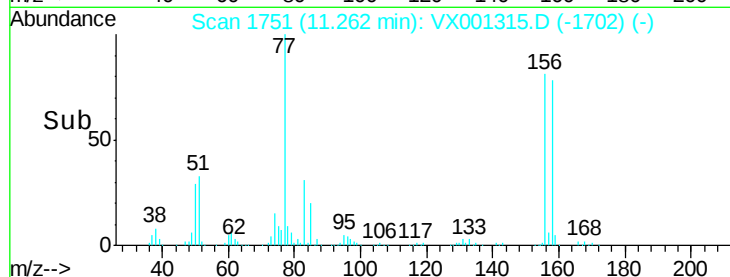
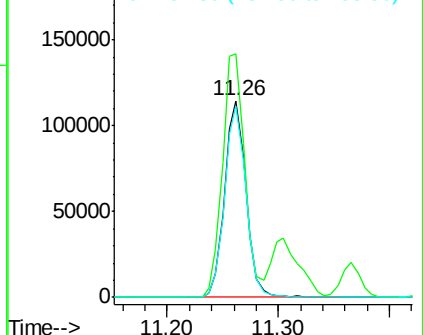
158 97.6 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001315.D

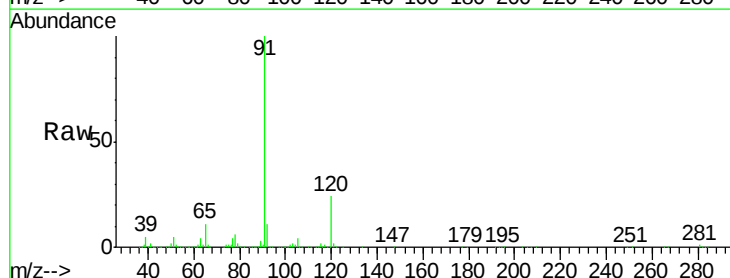
Acq: 02 May 2018 13:21

Tgt Ion: 91 Resp: 586634

Ion Ratio Lower Upper

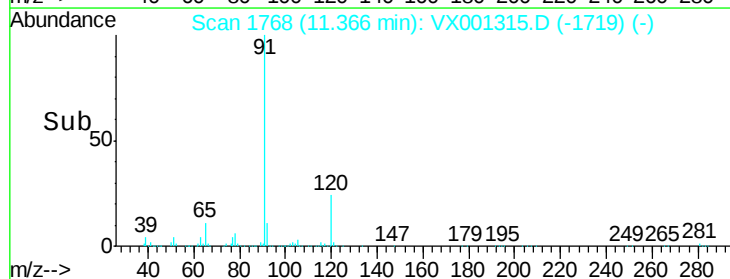
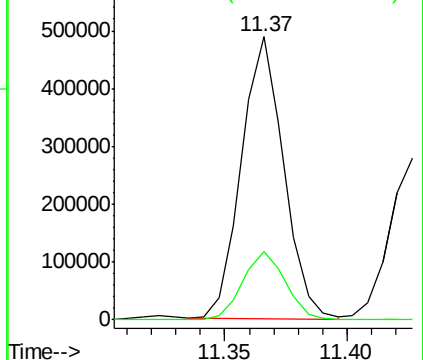
91 100

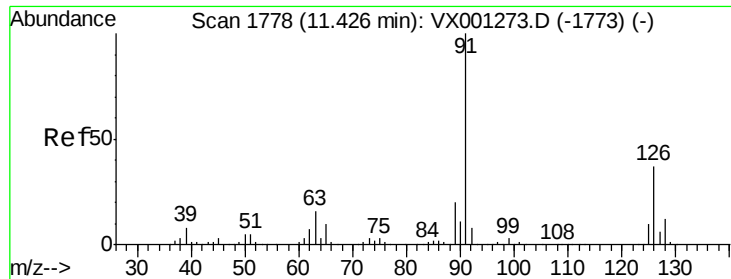
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

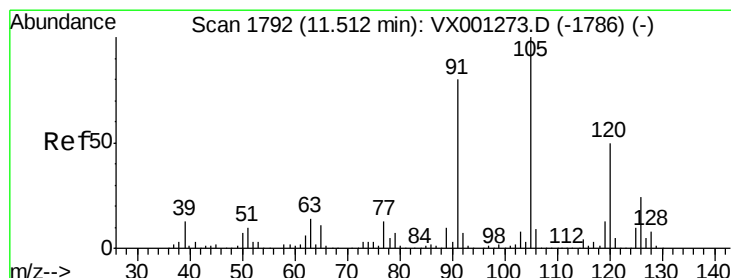
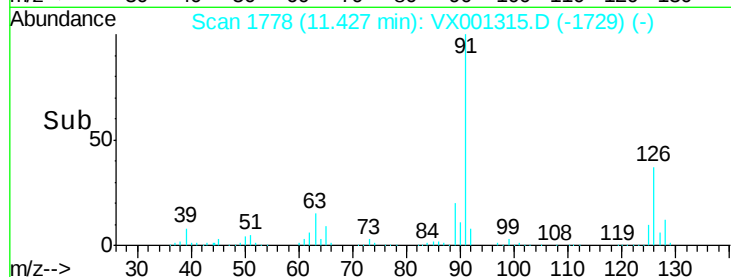
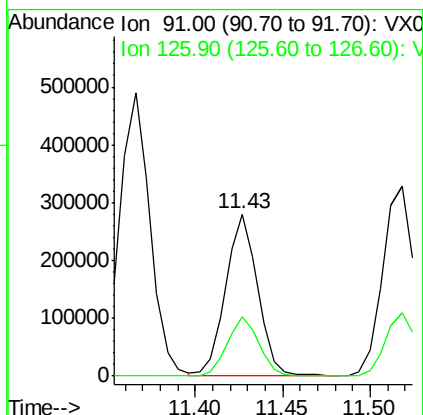
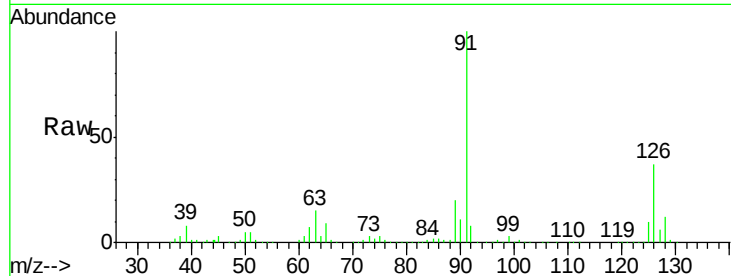




#79
 2-Chlorotoluene
 Concen: 51.57 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

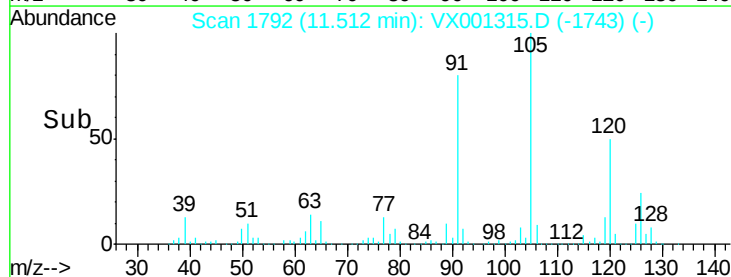
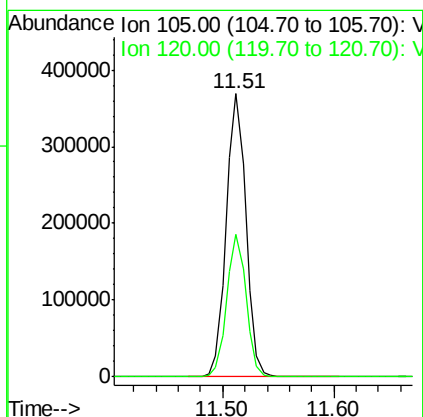
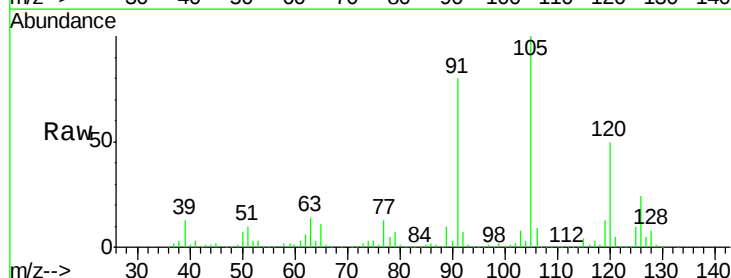
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

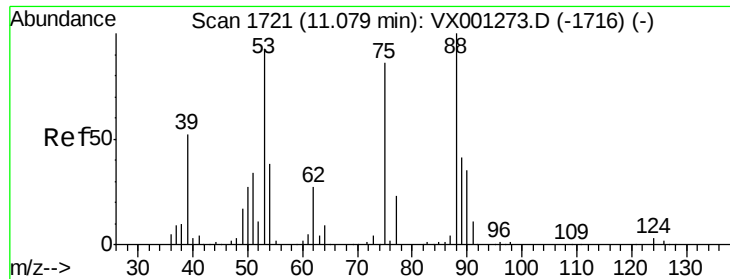
Tgt Ion: 91 Resp: 351334
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.77 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion: 105 Resp: 450309
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 48.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

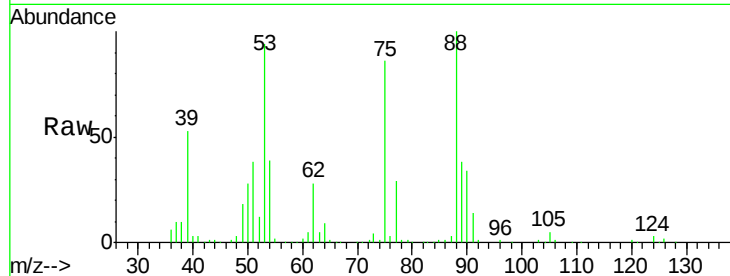
Tgt Ion: 75 Resp: 41317

Ion Ratio Lower Upper

75 100

53 112.4 87.1 130.7

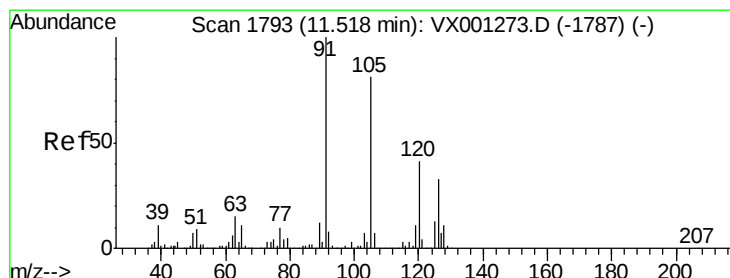
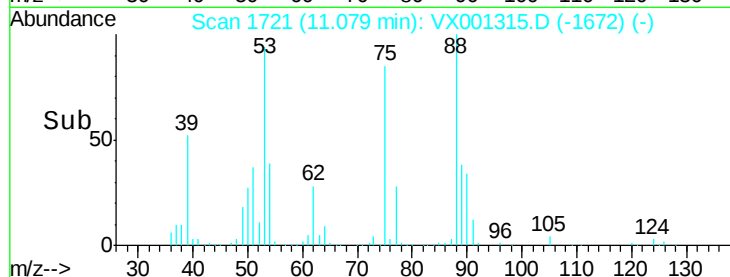
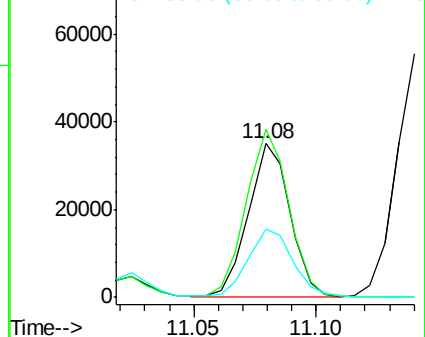
89 48.1 38.9 58.3



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: 51.09 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001315.D

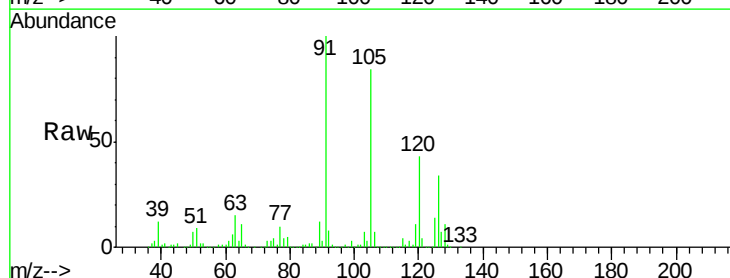
Acq: 02 May 2018 13:21

Tgt Ion: 91 Resp: 418662

Ion Ratio Lower Upper

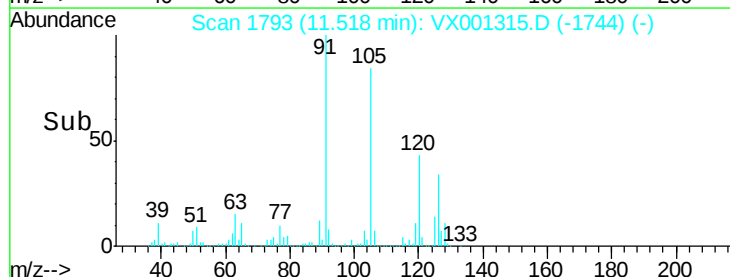
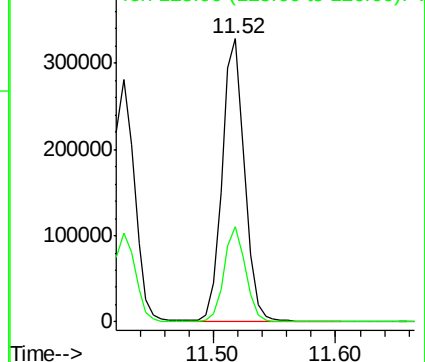
91 100

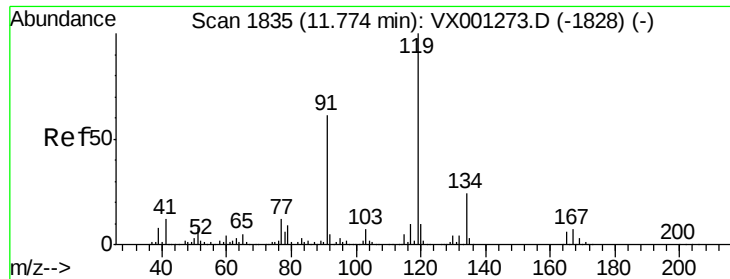
126 32.2 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

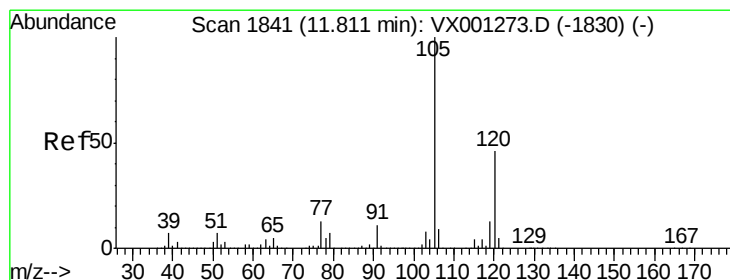
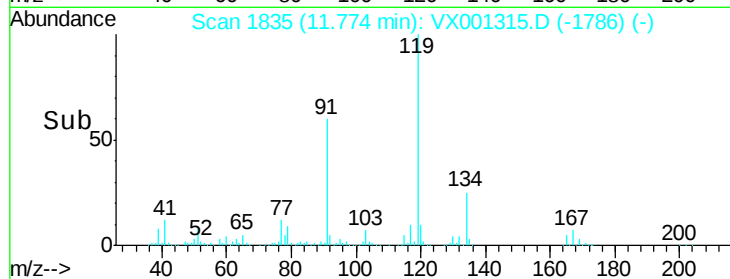
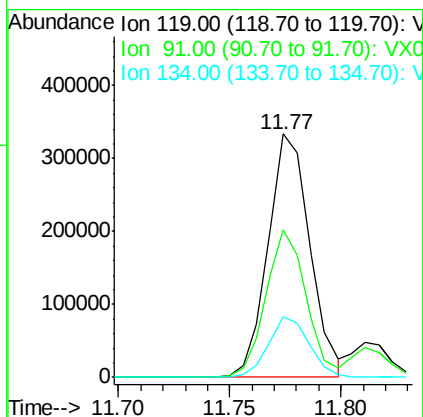
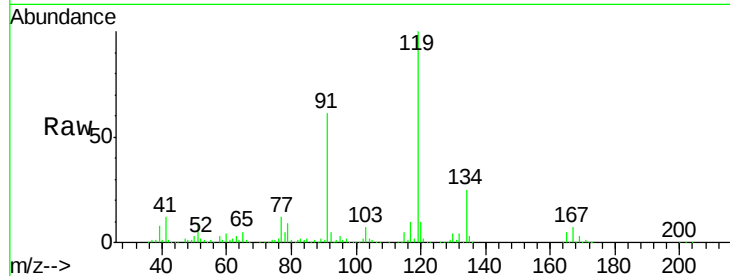




#83
 tert-Butylbenzene
 Concen: 51.27 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

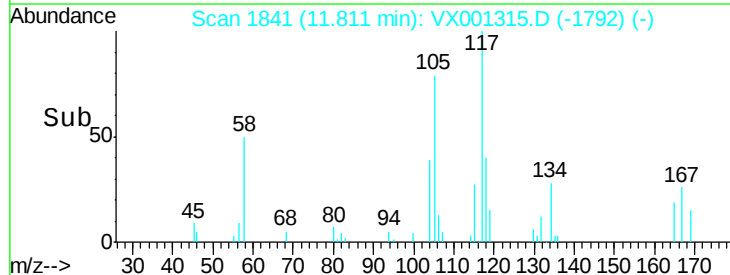
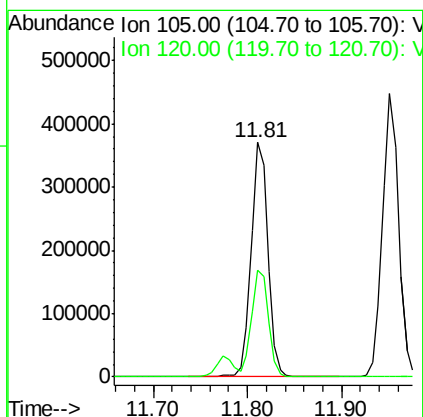
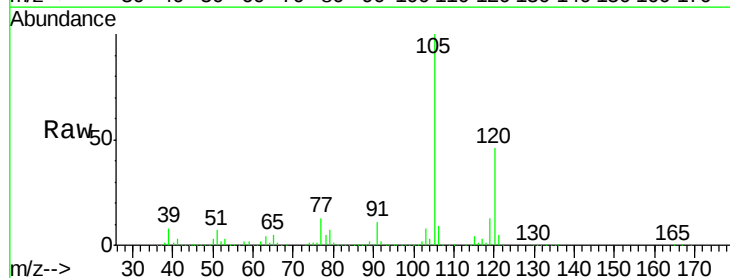
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

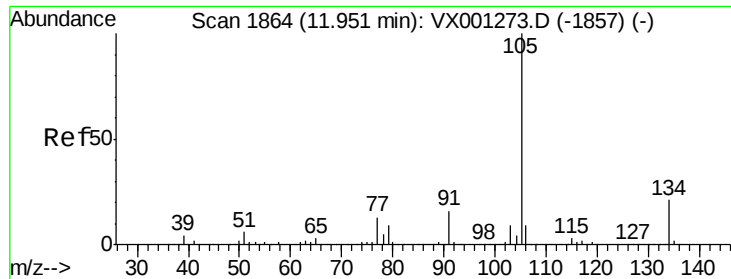
Tgt Ion:119 Resp: 436257
 Ion Ratio Lower Upper
 119 100
 91 58.3 28.1 84.3
 134 24.4 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.26 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion:105 Resp: 465664
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

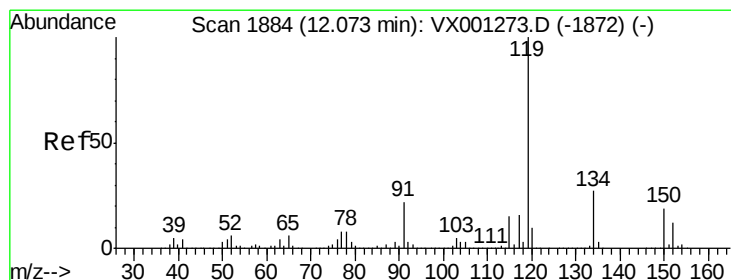
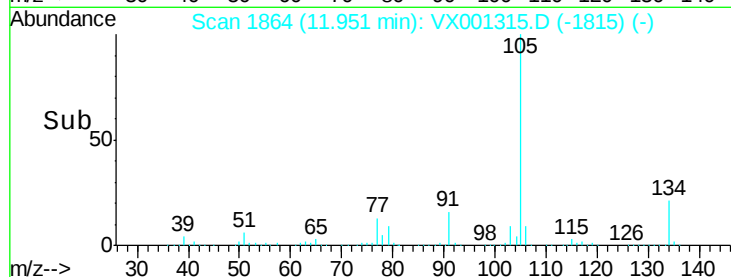
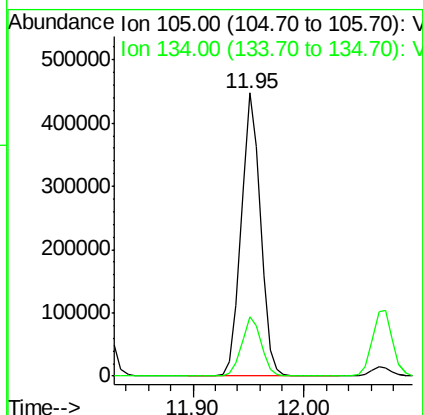
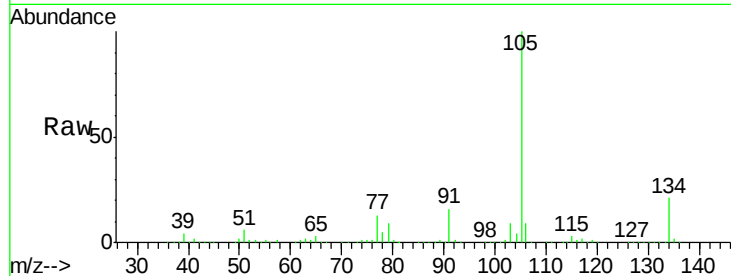




#85
 sec-Butylbenzene
 Concen: 52.68 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

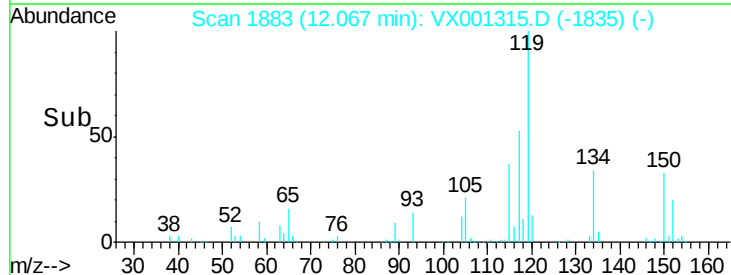
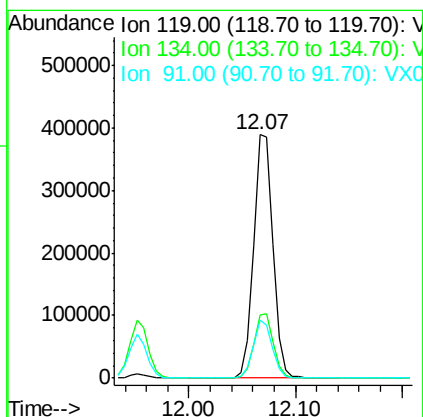
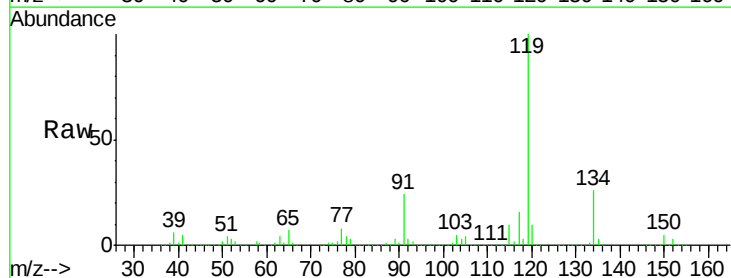
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

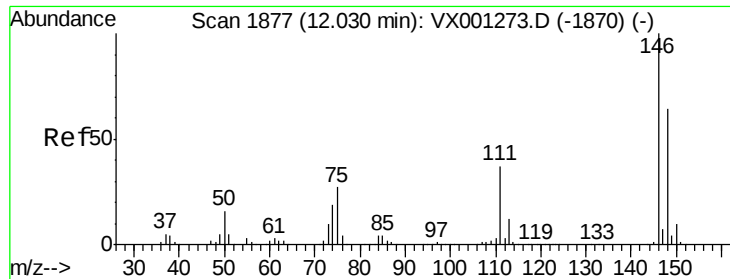
Tgt Ion:105 Resp: 536312
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 53.11 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion:119 Resp: 495993
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 23.3 11.7 35.1

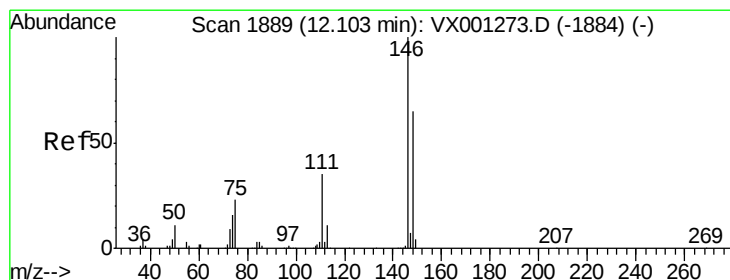
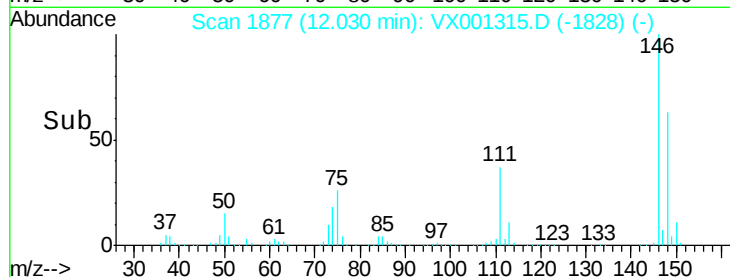
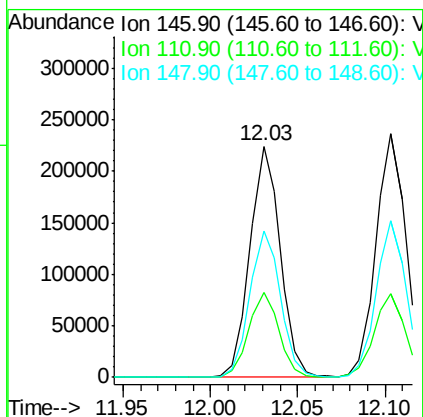
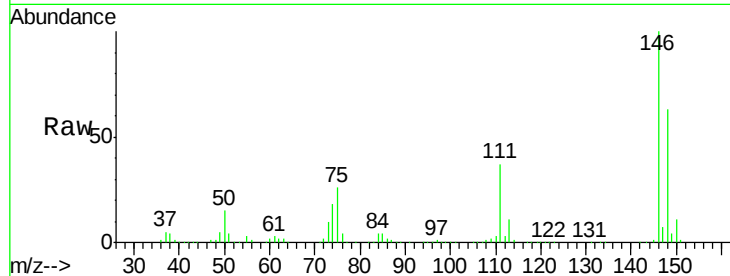




#87
 1,3-Dichlorobenzene
 Concen: 49.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

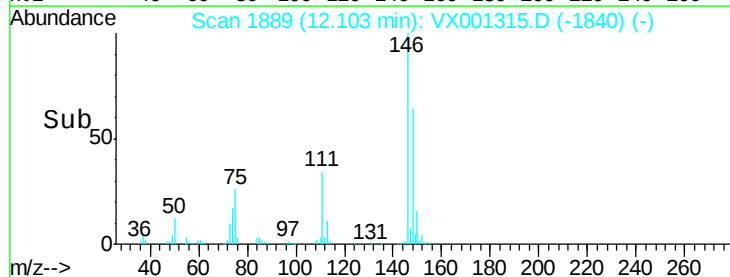
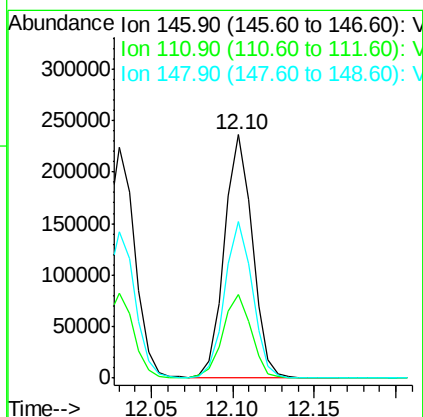
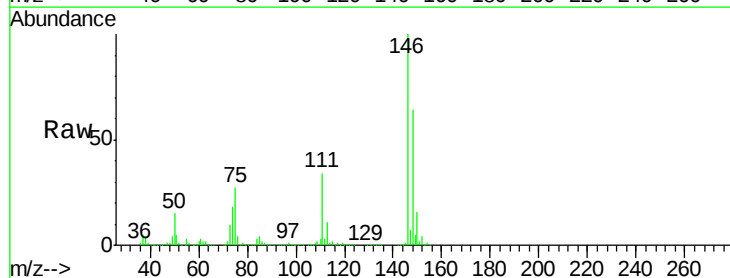
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 273328
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.2
 148 64.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion:146 Resp: 282932
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.9 53.7
 148 64.0 32.3 96.8





#89

n-Butylbenzene

Concen: 51.29 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

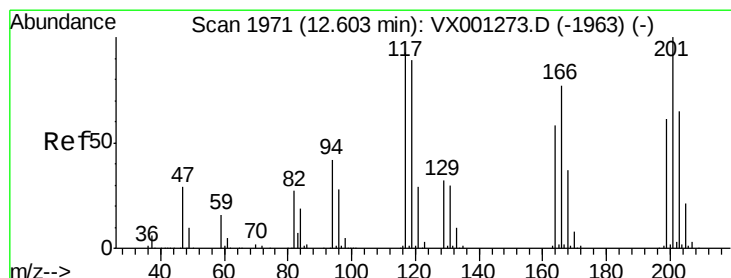
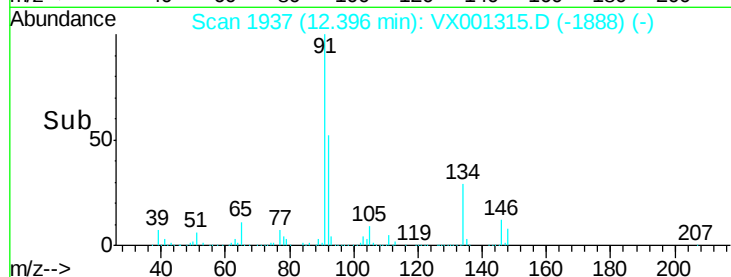
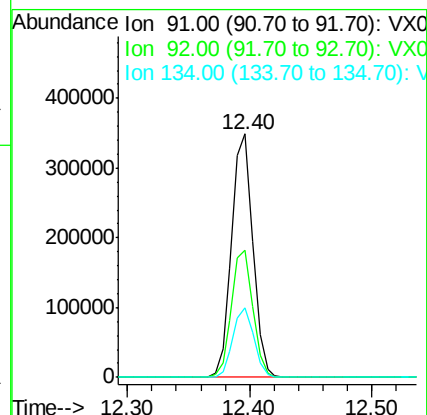
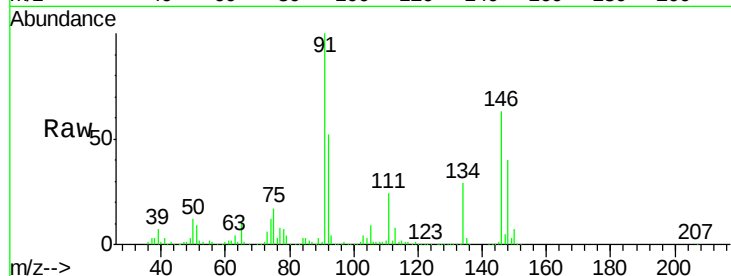
Tgt Ion: 91 Resp: 418066

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

134 28.2 14.0 42.0



#90

Hexachloroethane

Concen: 53.70 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001315.D

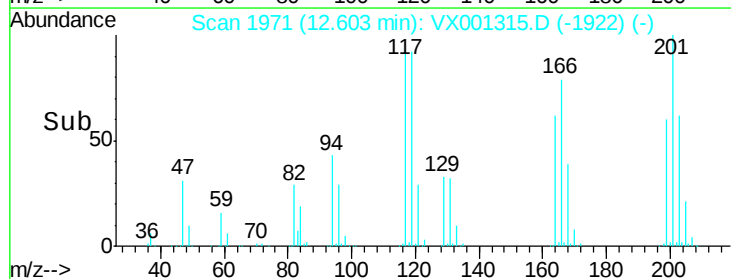
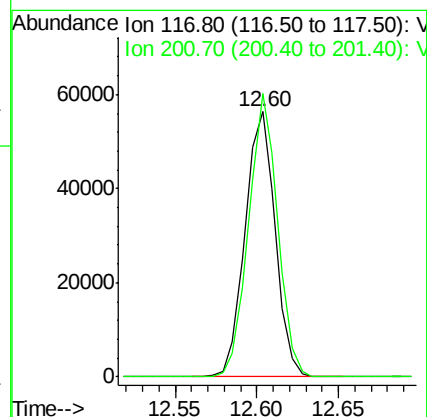
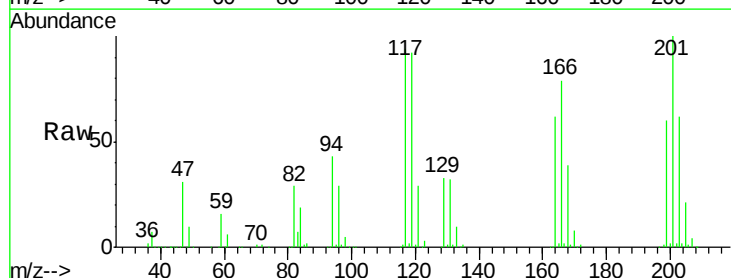
Acq: 02 May 2018 13:21

Tgt Ion: 117 Resp: 72622

Ion Ratio Lower Upper

117 100

201 102.8 51.6 154.8

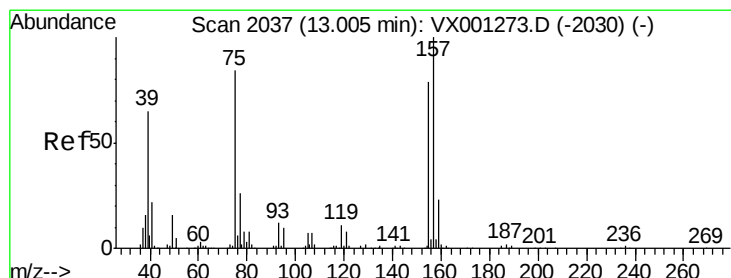
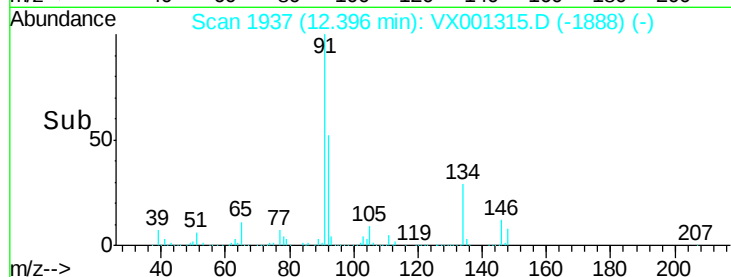
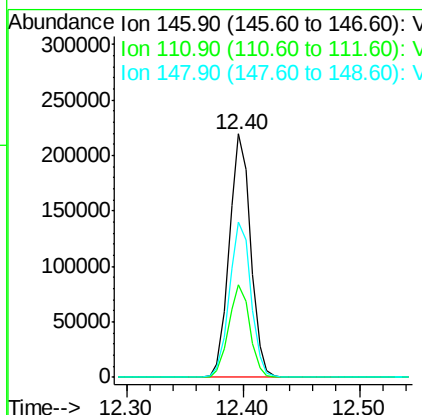
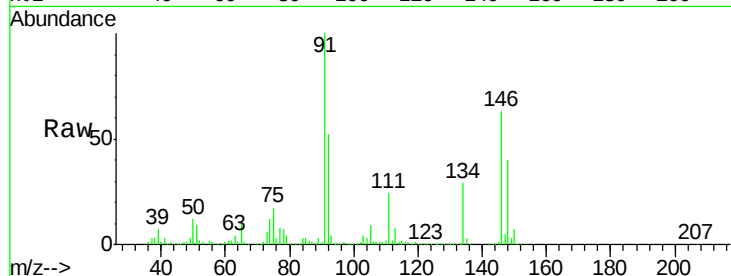




#91
 1,2-Dichlorobenzene
 Concen: 51.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

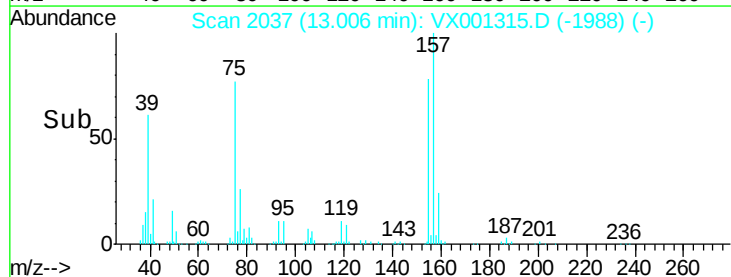
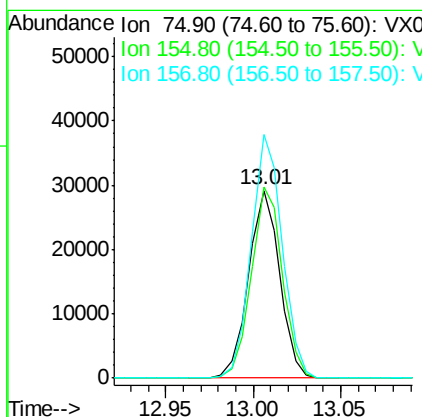
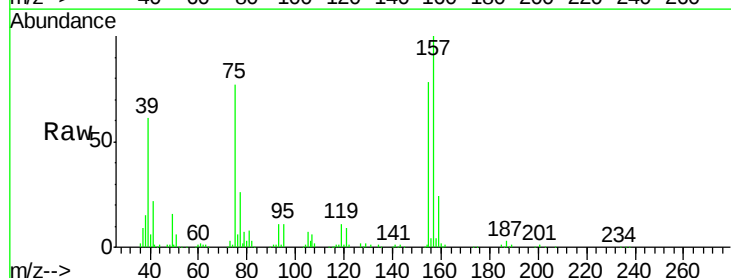
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

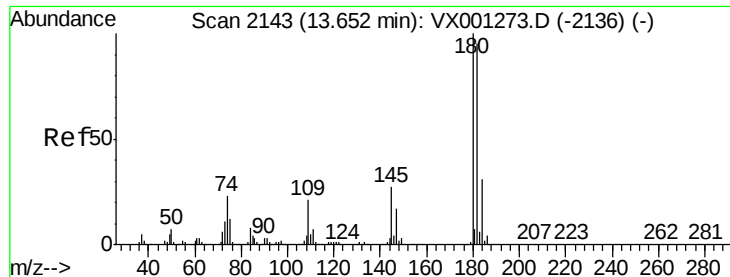
Tgt Ion: 146 Resp: 279525
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.41 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion: 75 Resp: 35934
 Ion Ratio Lower Upper
 75 100
 155 102.1 49.9 149.7
 157 129.8 63.7 191.1

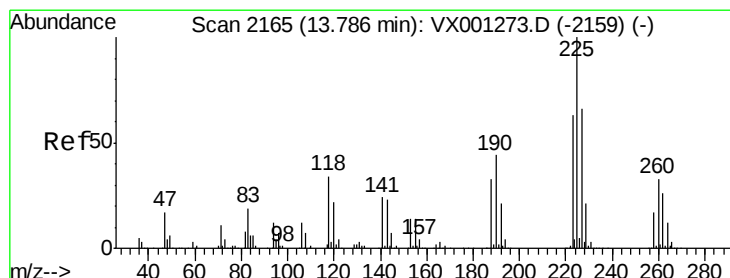
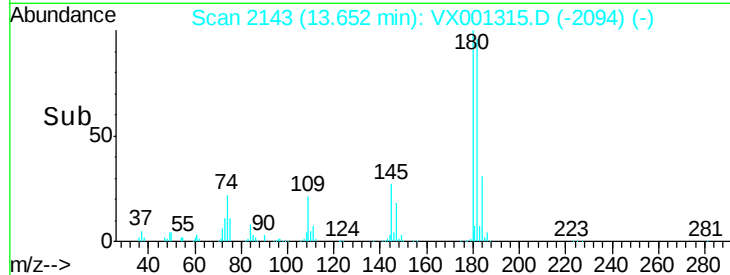
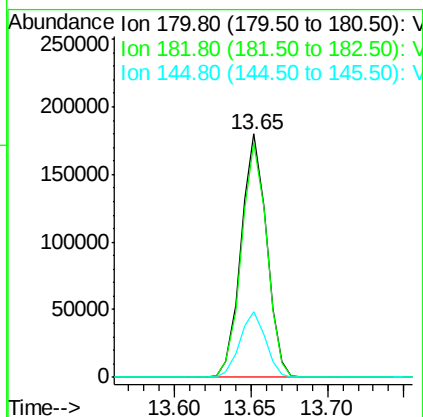
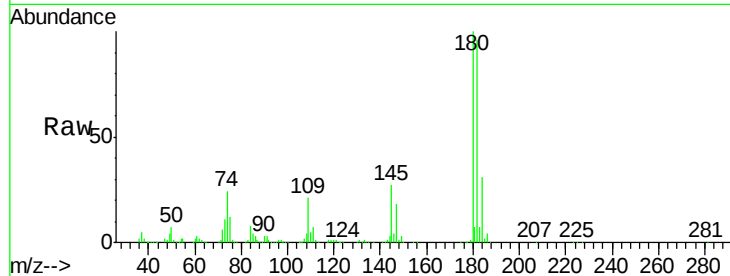




#93
 1,2,4-Trichlorobenzene
 Concen: 47.57 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

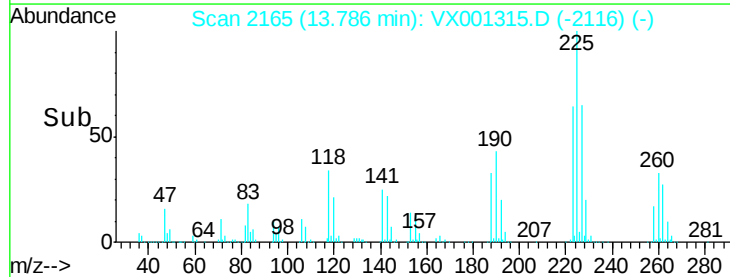
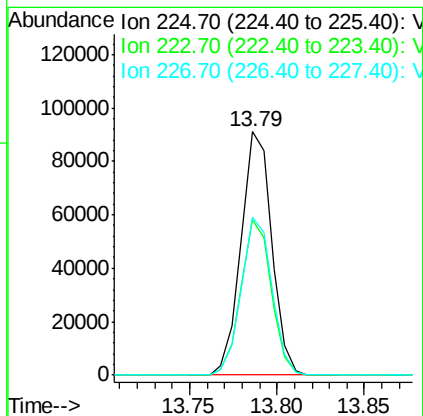
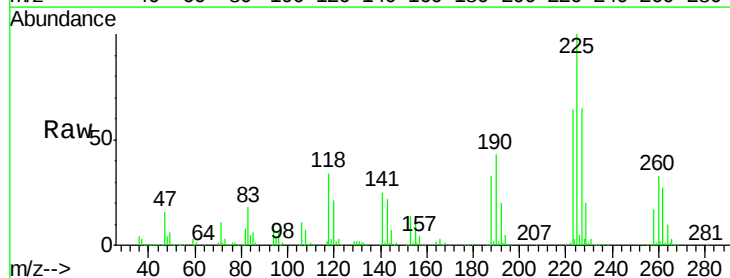
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

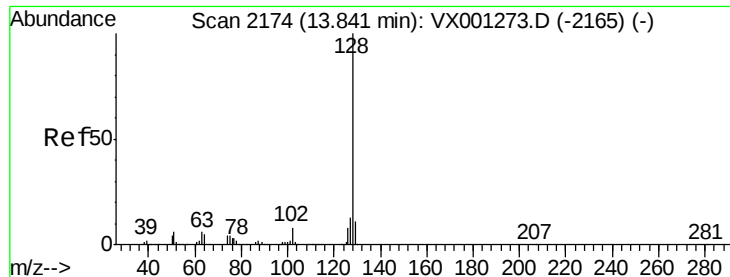
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.9
145	27.2	13.5	40.4



#94
 Hexachlorobutadiene
 Concen: 48.63 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001315.D
 Acq: 02 May 2018 13:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.0
227	64.5	32.5	97.5





#95

Naphthalene

Concen: 54.11 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

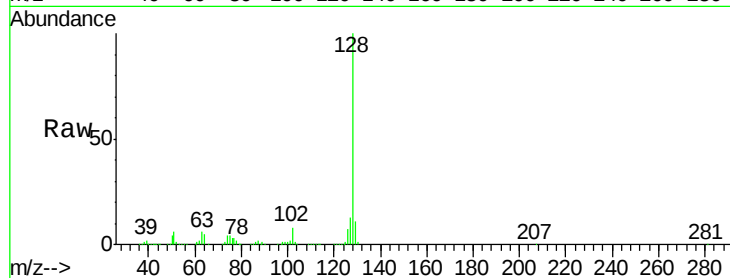
Tgt Ion:128 Resp: 601453

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

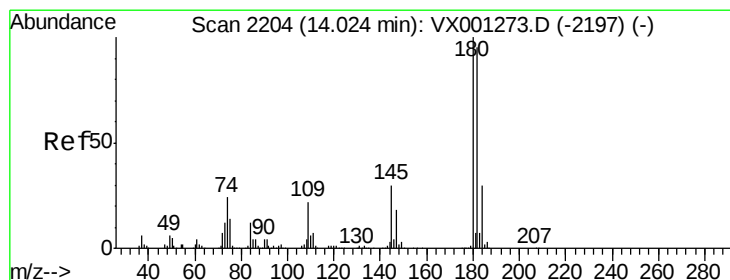
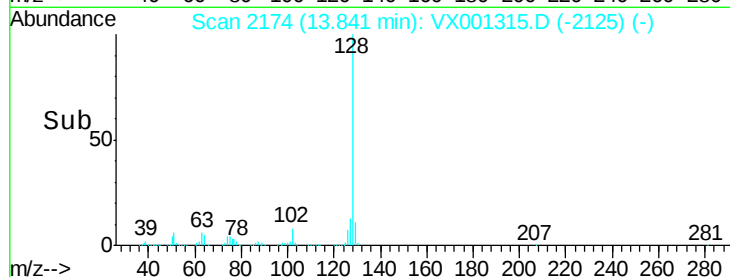
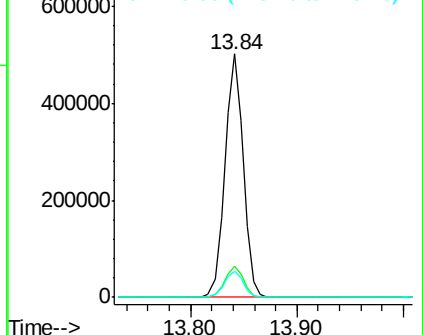
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.53 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001315.D

Acq: 02 May 2018 13:21

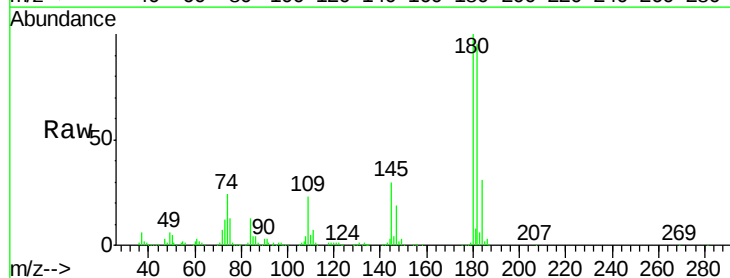
Tgt Ion:180 Resp: 217294

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 28.8 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

