

Data File : VX001143.D

Acq On : 26 Apr 2018 22:11

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 27 07:15:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	161952	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	5.51	113	129004	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	8.72	98	479463	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	189676	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116984	49.63	ug/l	97
3) Chloromethane	1.32	50	118202	47.88	ug/l	100
4) Vinyl Chloride	1.40	62	129098	49.29	ug/l	100
5) Bromomethane	1.64	94	87041	54.54	ug/l	100
6) Chloroethane	1.72	64	82339	49.95	ug/l	99
7) Trichlorofluoromethane	1.93	101	210876	49.85	ug/l	100
8) Diethyl Ether	2.19	74	79403	48.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114206	49.00	ug/l	99
10) Methyl Iodide	2.51	142	115222	47.91	ug/l	99
11) Tert butyl alcohol	3.09	59	168639	245.45	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110948	48.81	ug/l	99
13) Acrolein	2.30	56	61044	235.03	ug/l	99
14) Allyl chloride	2.73	41	209659	50.57	ug/l	100
15) Acrylonitrile	3.16	53	352787	240.46	ug/l	100
16) Acetone	2.45	43	325021	226.86	ug/l	98
17) Carbon Disulfide	2.57	76	290868	50.16	ug/l	99
18) Methyl Acetate	2.79	43	178572	49.81	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	413269	49.39	ug/l	98
20) Methylene Chloride	2.86	84	126890	47.55	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	121123	48.21	ug/l	99
22) Diisopropyl ether	3.88	45	413593	49.86	ug/l	98
23) Vinyl Acetate	3.84	43	1813117	257.62	ug/l	100
24) 1,1-Dichloroethane	3.70	63	211473	48.50	ug/l	99
25) 2-Butanone	4.72	43	509530	237.69	ug/l	99
26) 2,2-Dichloropropane	4.59	77	159620	46.51	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	135772	49.35	ug/l	99
28) Bromochloromethane	5.03	49	101881	52.11	ug/l	99
29) Tetrahydrofuran	5.18	42	328666	238.45	ug/l	100
30) Chloroform	5.23	83	234246	50.52	ug/l	98
31) Cyclohexane	5.58	56	187358	50.58	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205235	51.28	ug/l	99
36) 1,1-Dichloropropene	5.81	75	166994	49.29	ug/l	99
37) Ethyl Acetate	4.88	43	199945	49.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	179695	51.72	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 27 07:15:06 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	190789	50.88	ug/l	97
40) Benzene	6.15	78	503223	51.34	ug/l	99
41) Methacrylonitrile	5.07	41	113061	49.59	ug/l	99
42) 1,2-Dichloroethane	6.21	62	200106	50.67	ug/l	99
43) Isopropyl Acetate	6.48	43	327333	51.37	ug/l	100
44) Trichloroethene	7.22	130	146271	50.09	ug/l	100
45) 1,2-Dichloropropane	7.52	63	131558	51.03	ug/l	100
46) Dibromomethane	7.67	93	92262	51.69	ug/l	99
47) Bromodichloromethane	7.91	83	172840	53.29	ug/l	98
48) Methyl methacrylate	7.79	41	174609	51.55	ug/l	99
49) 1,4-Dioxane	7.77	88	67240	991.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1067462	255.02	ug/l	99
52) Toluene	8.79	92	328836	51.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	202069	53.59	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	192388	47.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	136099	50.19	ug/l	99
56) Ethyl methacrylate	9.19	69	211485	52.64	ug/l	100
57) 1,3-Dichloropropane	9.38	76	223749	51.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	489353	257.64	ug/l	99
59) 2-Hexanone	9.51	43	827392	252.28	ug/l	100
60) Dibromochloromethane	9.59	129	150077	47.56	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149310	52.56	ug/l	100
64) Tetrachloroethene	9.34	164	154307	48.99	ug/l	98
65) Chlorobenzene	10.15	112	386474	49.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	143016	53.47	ug/l	99
67) Ethyl Benzene	10.26	91	639985	50.95	ug/l	100
68) m/p-Xylenes	10.37	106	506237	101.95	ug/l	100
69) o-Xylene	10.71	106	248509	51.60	ug/l	100
70) Styrene	10.72	104	416044	51.91	ug/l	100
71) Bromoform	10.87	173	125604	45.17	ug/l #	99
73) Isopropylbenzene	11.02	105	654478	50.54	ug/l	100
74) N-amyl acetate	6.48	43	327333	50.16	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	214251	49.86	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	243275	60.13	ug/l	90
77) Bromobenzene	11.26	156	192917	50.23	ug/l	100
78) n-propylbenzene	11.37	91	741781	51.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	450203	50.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	564455	51.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54862	43.82	ug/l	100
82) 4-Chlorotoluene	11.52	91	538921	50.65	ug/l	100
83) tert-Butylbenzene	11.77	119	566185	51.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	583861	51.81	ug/l	99
85) sec-Butylbenzene	11.95	105	661362	51.74	ug/l	100
86) p-Isopropyltoluene	12.07	119	608209	51.15	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	341784	49.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	354775	49.39	ug/l	99
89) n-Butylbenzene	12.40	91	525532	51.07	ug/l	100
90) Hexachloroethane	12.60	117	91313	47.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	350323	50.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49141	51.82	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

Data File : VX001143.D
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Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 27 07:15:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

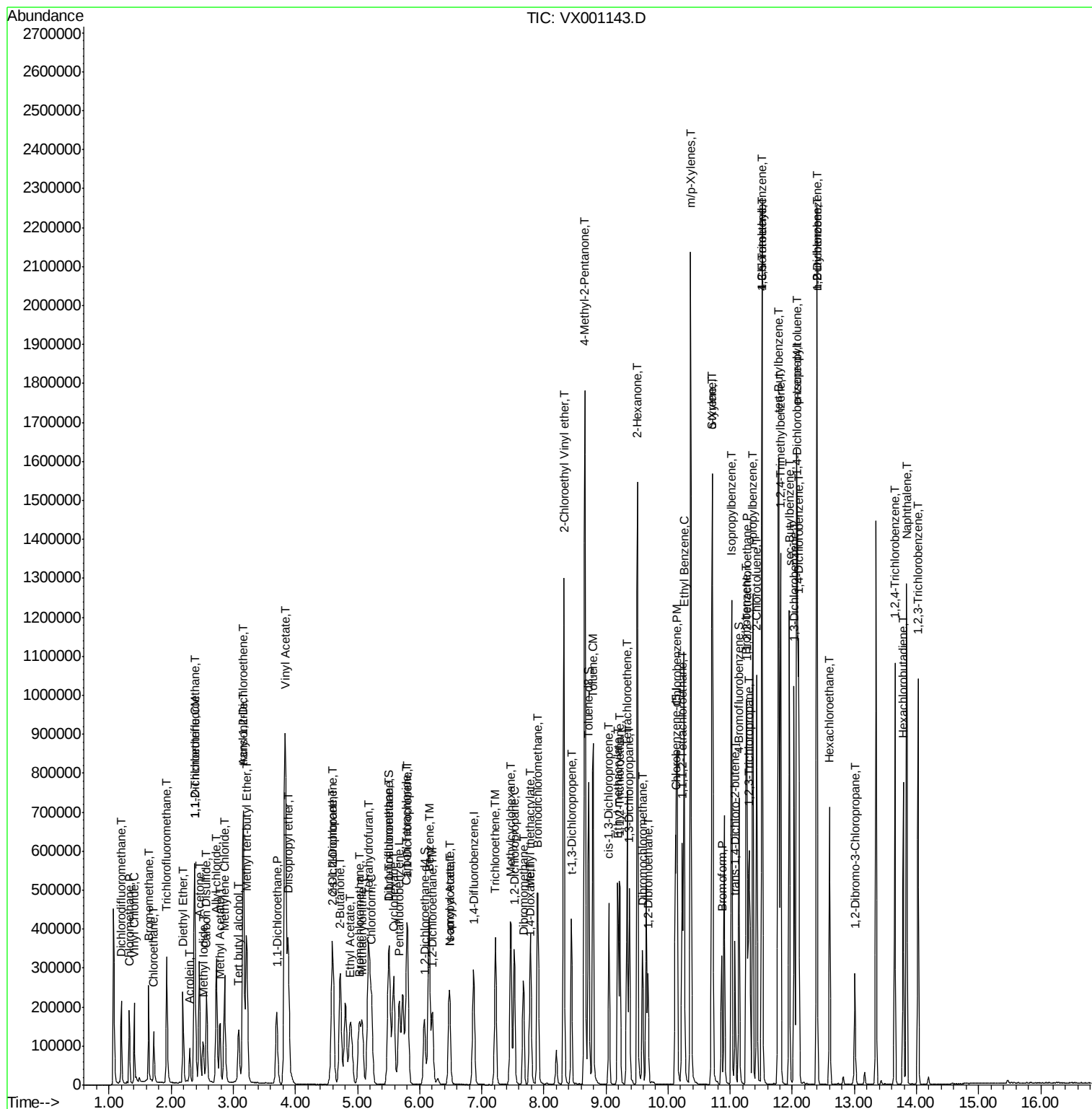
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	269118	49.26	ug/l	100
94) Hexachlorobutadiene	13.79	225	125284	48.79	ug/l	100
95) Naphthalene	13.84	128	784219	51.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	269716	49.62	ug/l	100

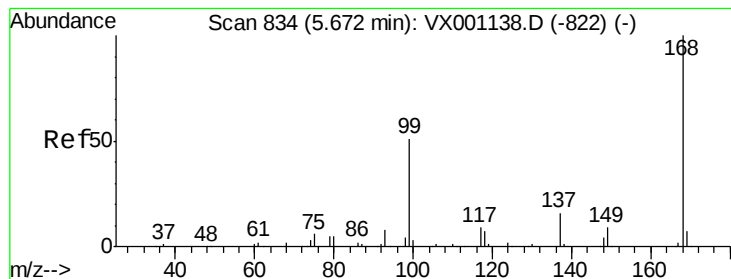
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 15      Sample Multiplier: 1
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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: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

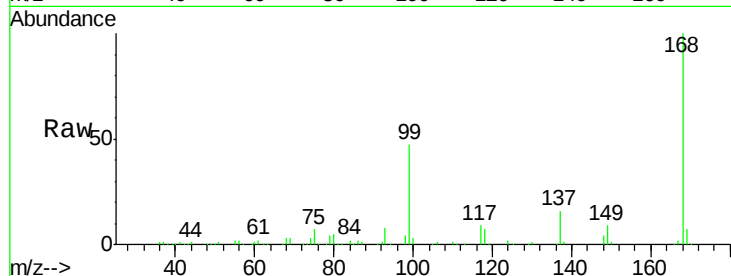
VSTDCCC050

Tgt Ion:168 Resp: 224757

Ion Ratio Lower Upper

168 100

99 47.0 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

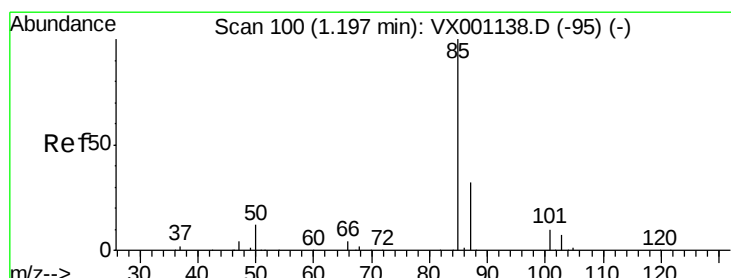
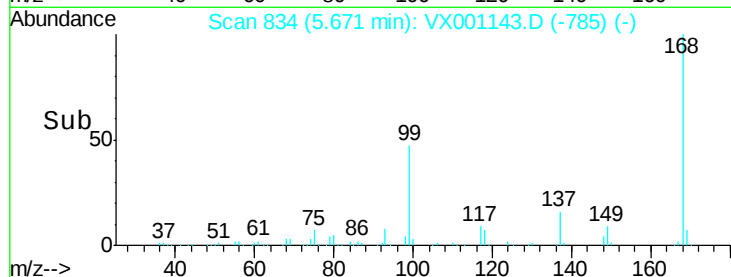
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.63 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001143.D

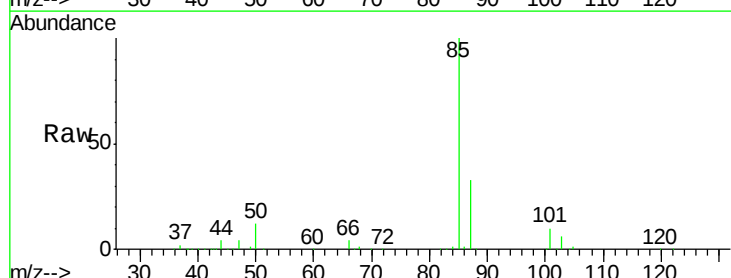
Acq: 26 Apr 2018 22:11

Tgt Ion: 85 Resp: 116984

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

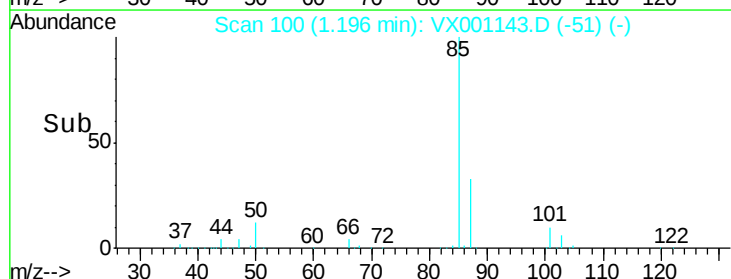
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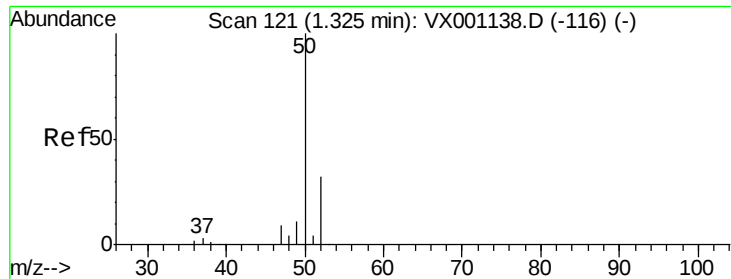
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->

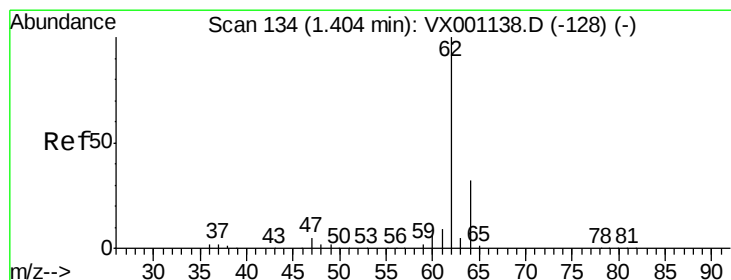
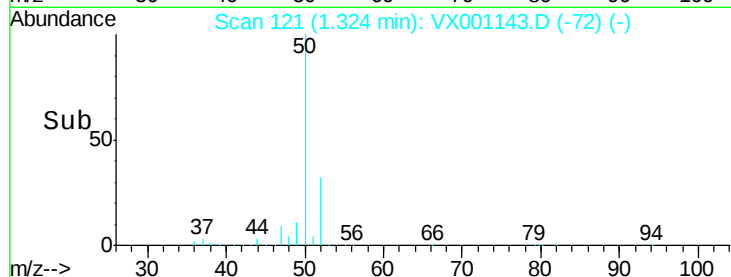
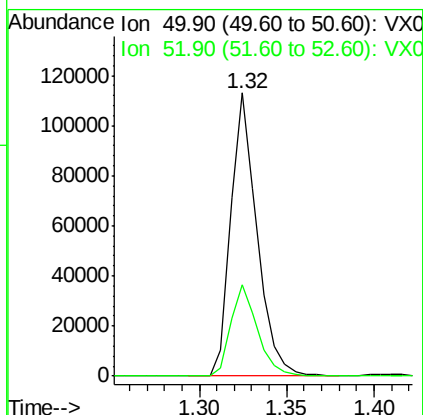
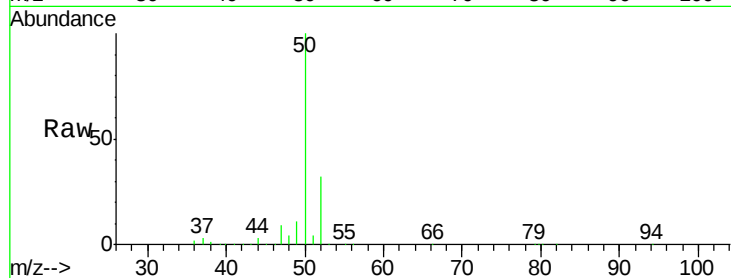




#3
Chloromethane
Concen: 47.88 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

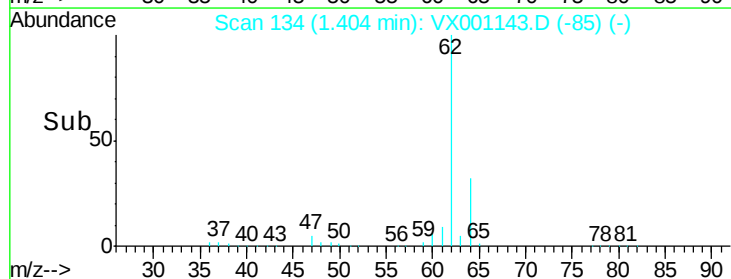
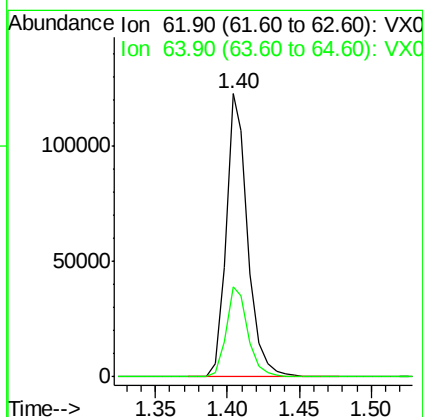
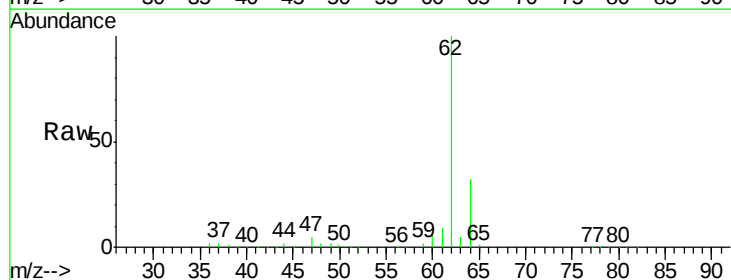
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

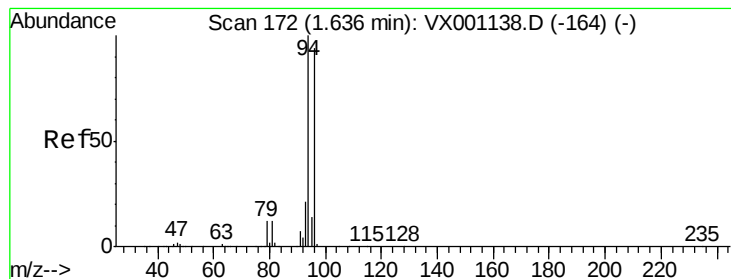
Tgt Ion: 50 Resp: 118202
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 49.29 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 62 Resp: 129098
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5

Bromomethane

Concen: 54.54 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

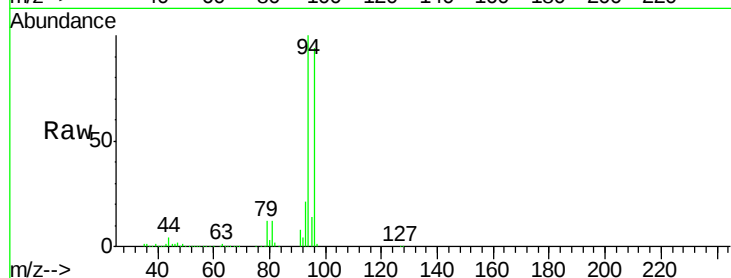
VSTDCCC050

Tgt Ion: 94 Resp: 87041

Ion Ratio Lower Upper

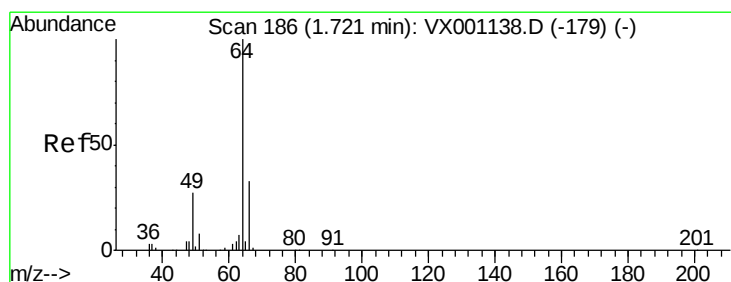
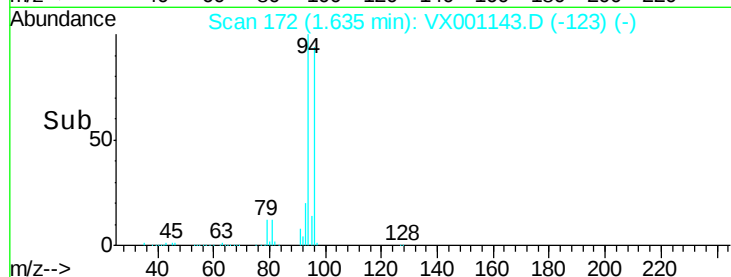
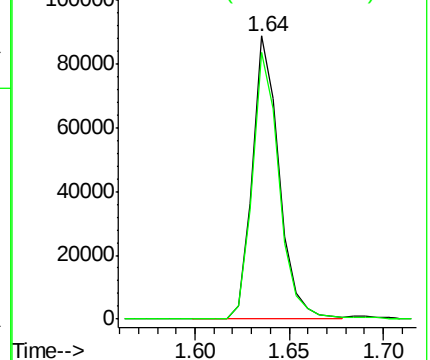
94 100

96 94.3 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001143.D

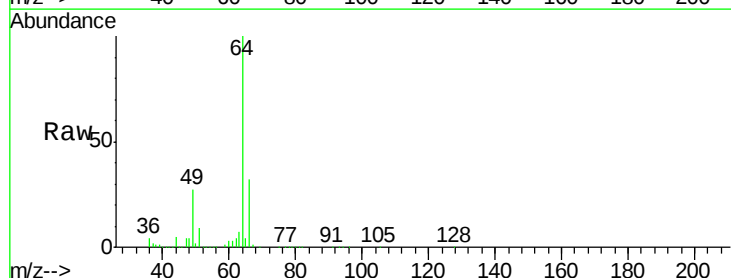
Acq: 26 Apr 2018 22:11

Tgt Ion: 64 Resp: 82339

Ion Ratio Lower Upper

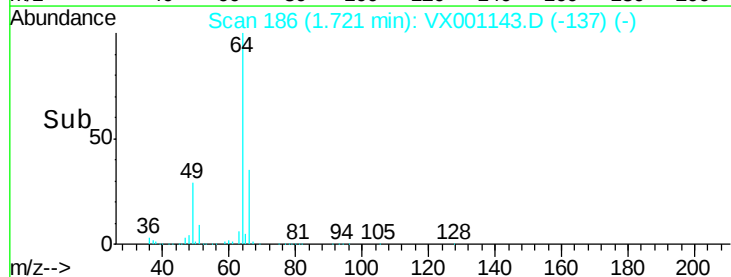
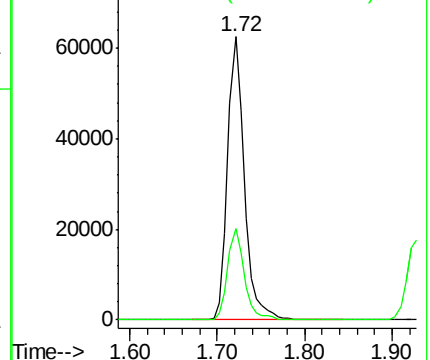
64 100

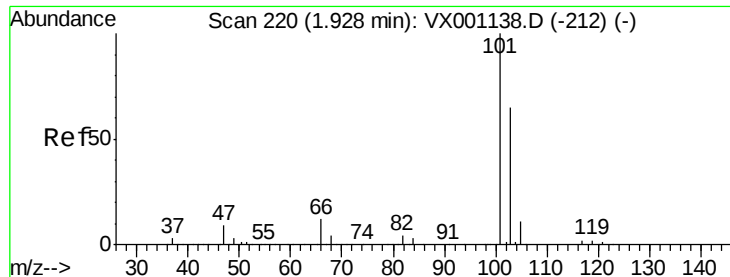
66 32.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



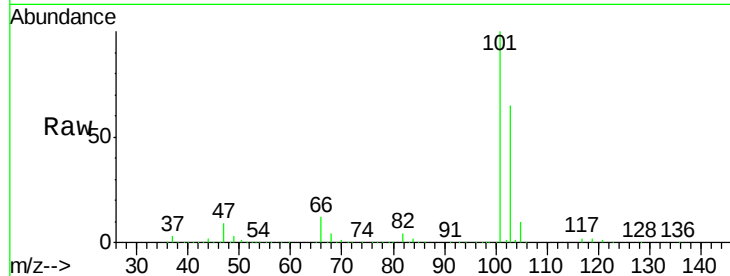


#7

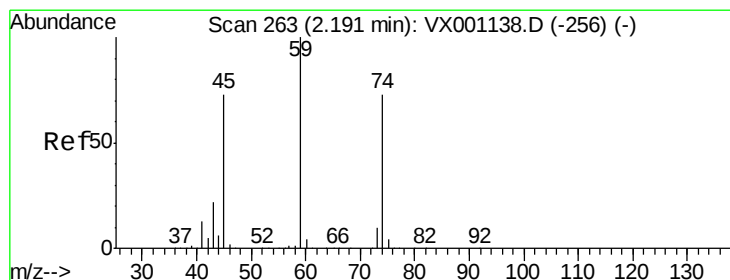
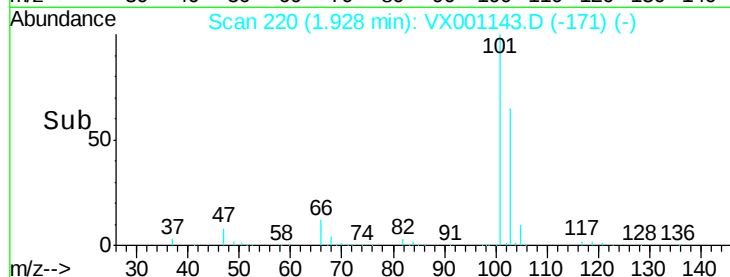
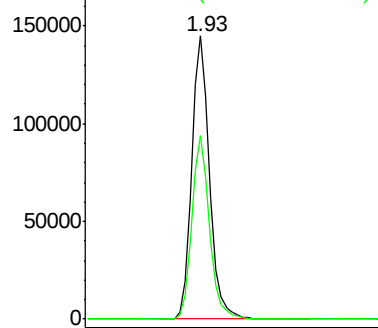
Trichlorofluoromethane
Concen: 49.85 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 210876
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9



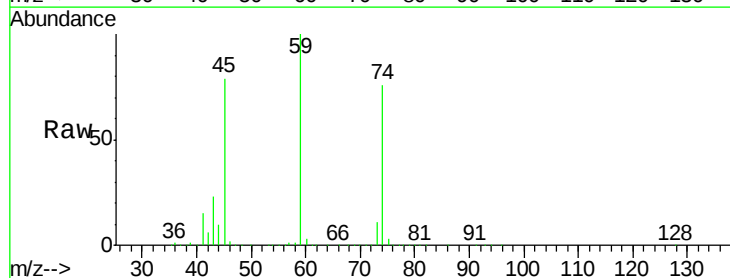
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



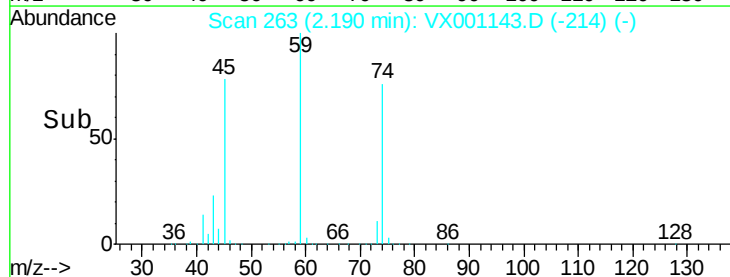
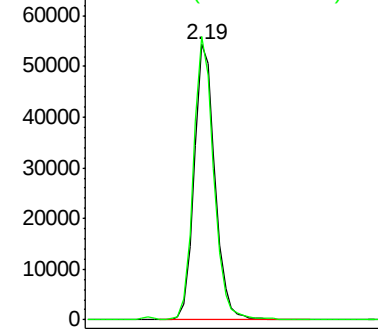
#8

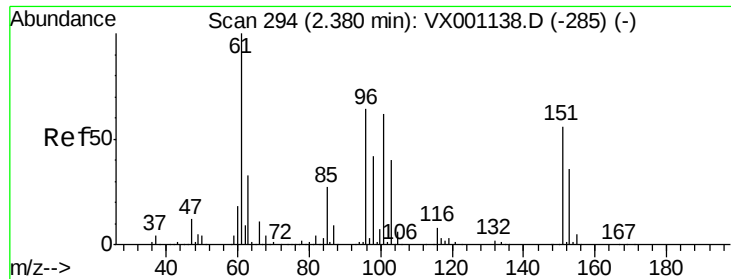
Diethyl Ether
Concen: 48.82 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 74 Resp: 79403
Ion Ratio Lower Upper
74 100
45 99.7 49.5 148.7



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: 49.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

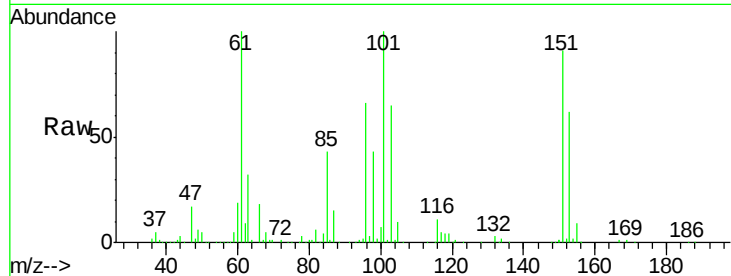
Tgt Ion:101 Resp: 114206

Ion Ratio Lower Upper

101 100

85 44.1 35.4 53.0

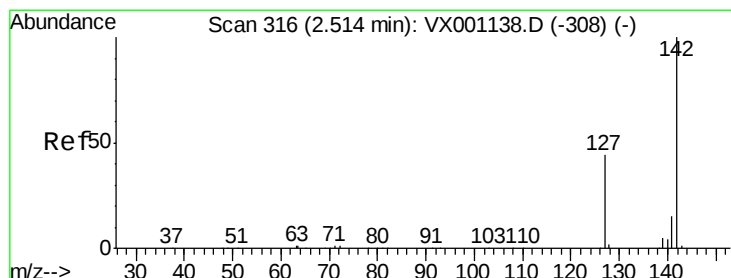
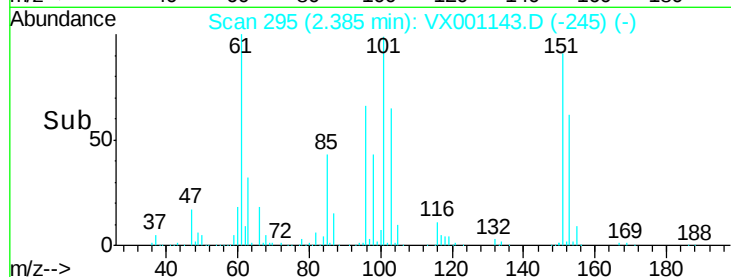
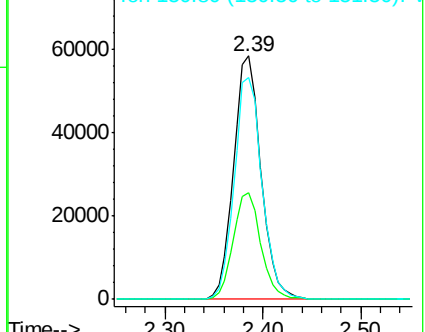
151 92.1 74.2 111.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

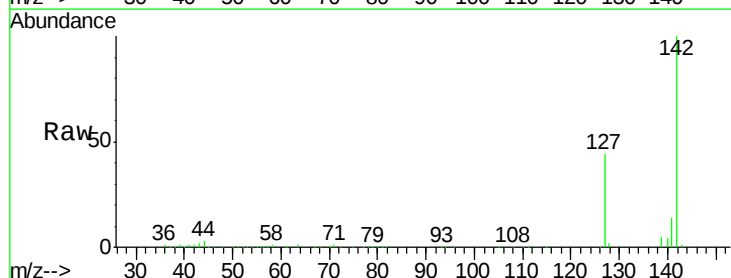
Tgt Ion:142 Resp: 115222

Ion Ratio Lower Upper

142 100

127 43.7 34.7 52.1

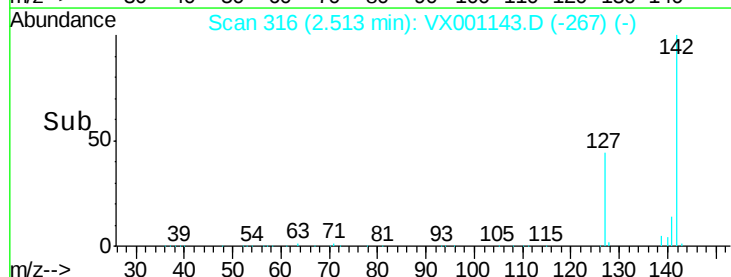
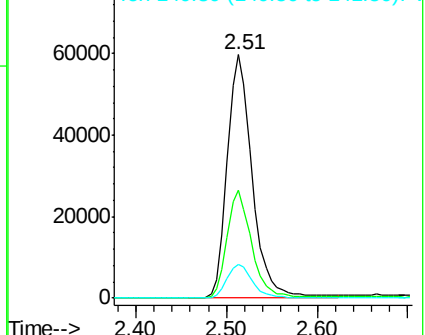
141 14.1 11.6 17.4

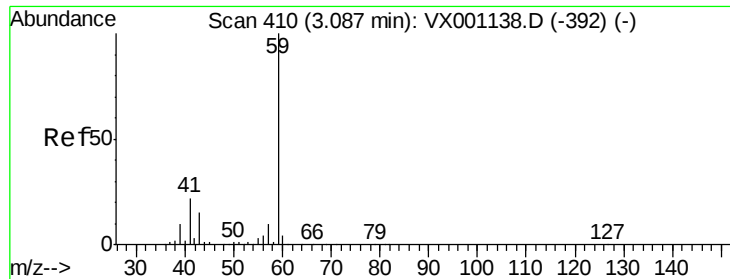


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

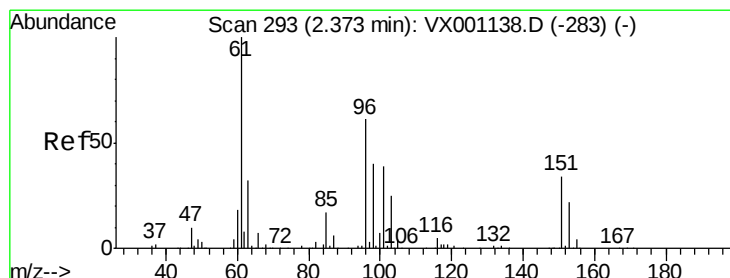
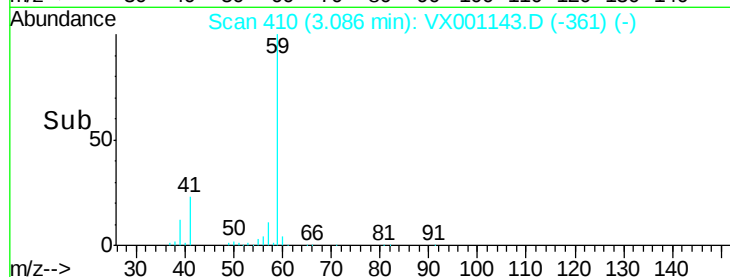
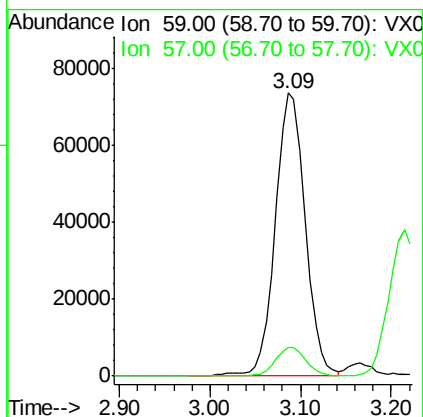
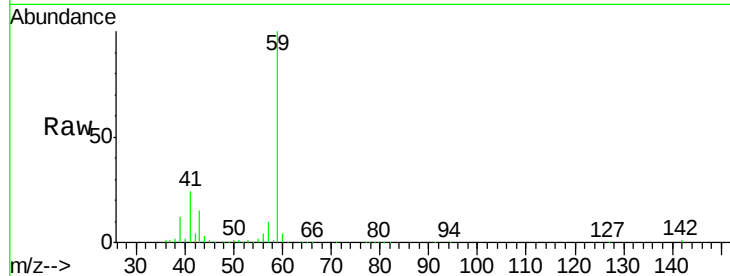




#11
Tert butyl alcohol
Concen: 245.45 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

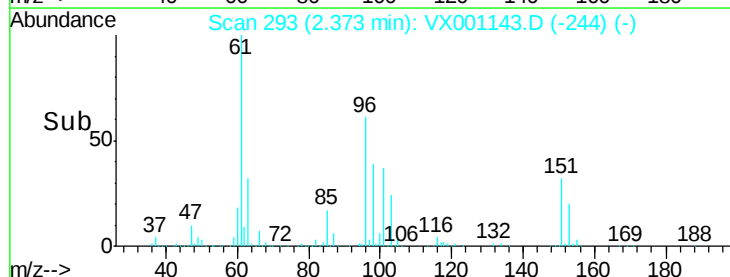
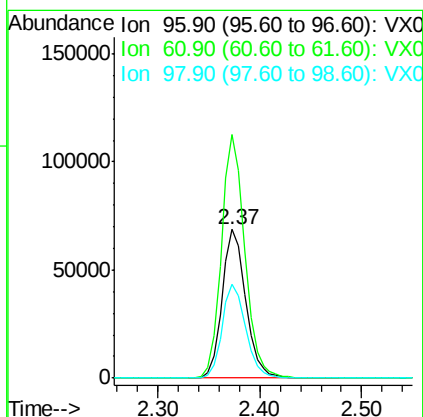
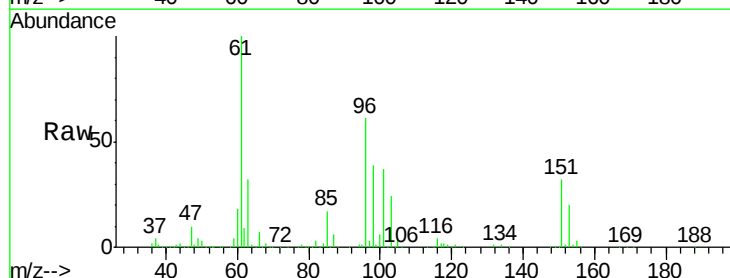
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

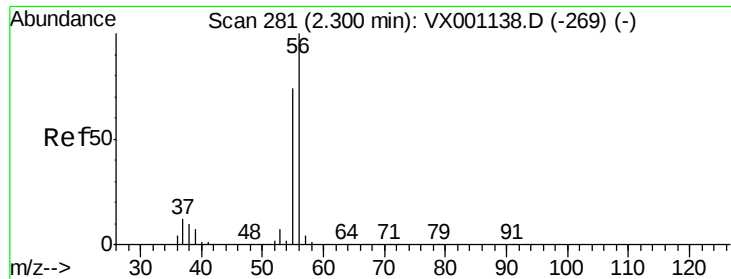
Tgt Ion: 59 Resp: 168639
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.81 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 96 Resp: 110948
Ion Ratio Lower Upper
96 100
61 163.8 130.2 195.4
98 63.5 51.5 77.3

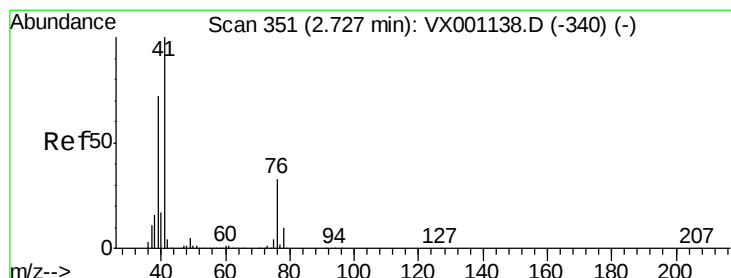
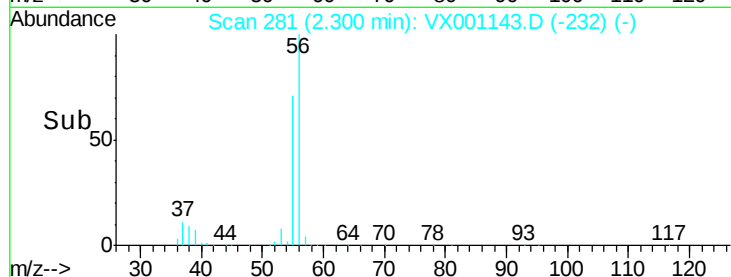
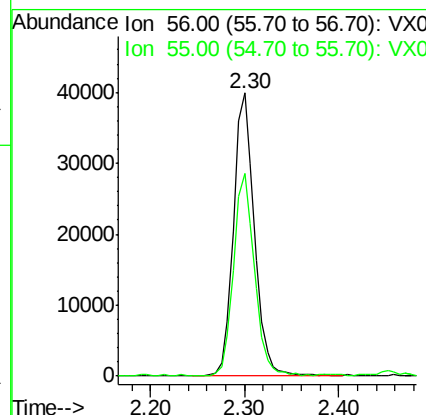
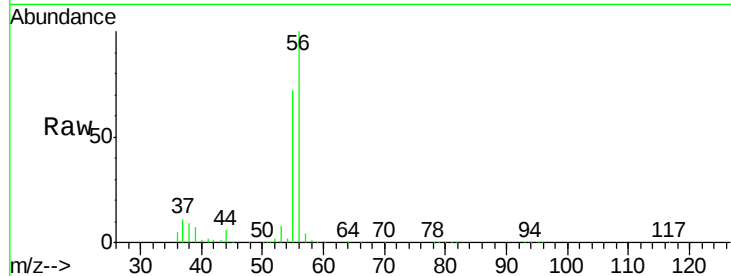




#13
 Acrolein
 Concen: 235.03 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

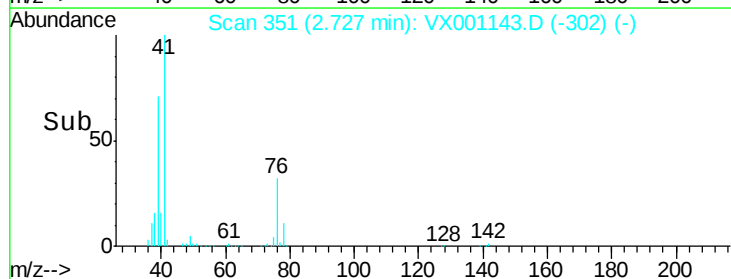
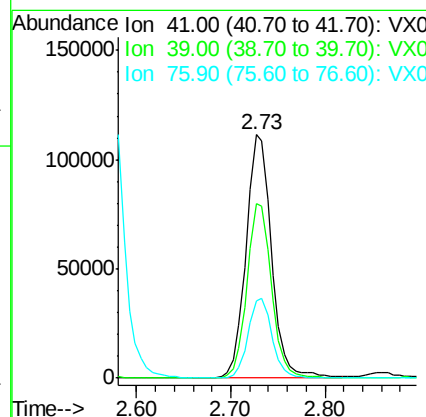
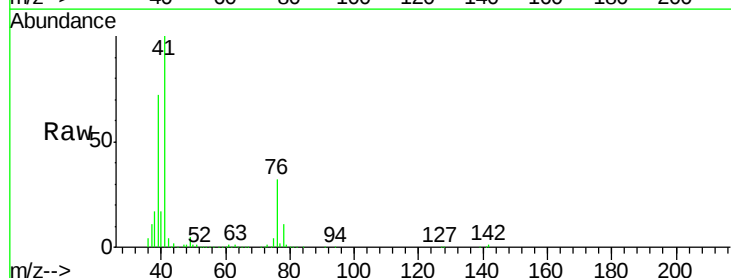
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

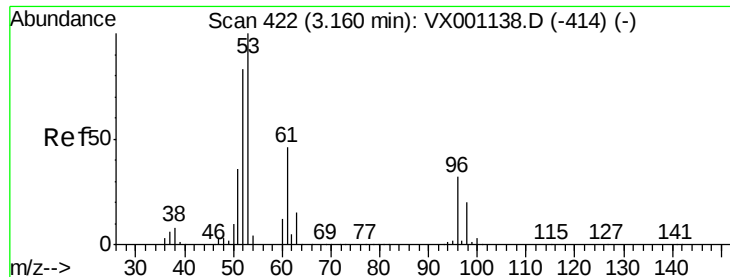
Tgt Ion: 56 Resp: 61044
 Ion Ratio Lower Upper
 56 100
 55 72.0 57.2 85.8



#14
 Allyl chloride
 Concen: 50.57 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 41 Resp: 209659
 Ion Ratio Lower Upper
 41 100
 39 69.3 55.6 83.4
 76 31.1 24.8 37.2





#15

Acrylonitrile

Concen: 240.46 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

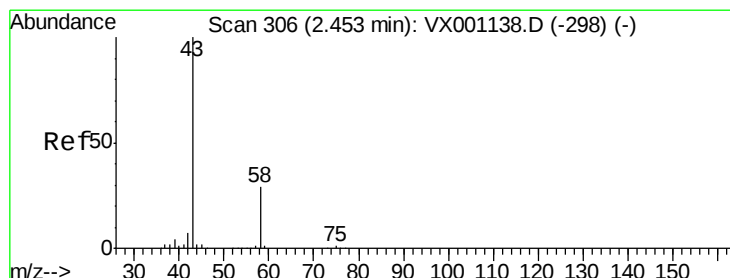
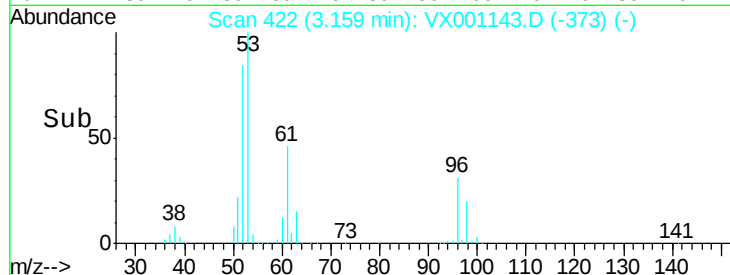
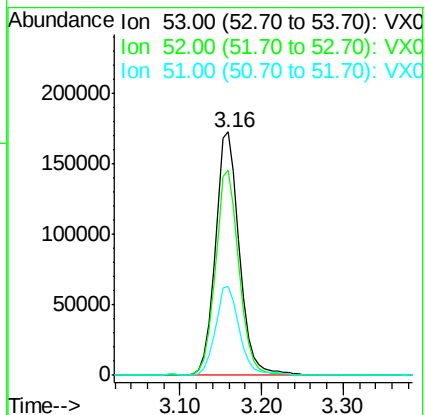
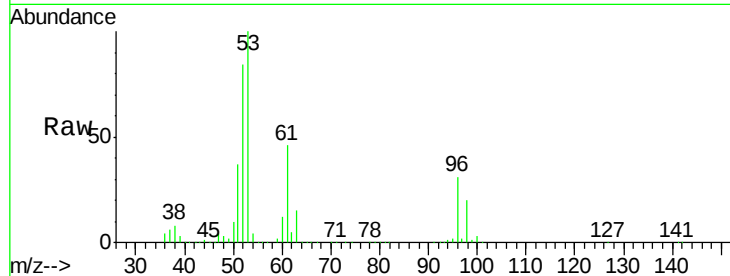
Tgt Ion: 53 Resp: 352787

Ion Ratio Lower Upper

53 100

52 82.9 66.5 99.7

51 36.9 29.5 44.3



#16

Acetone

Concen: 226.86 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001143.D

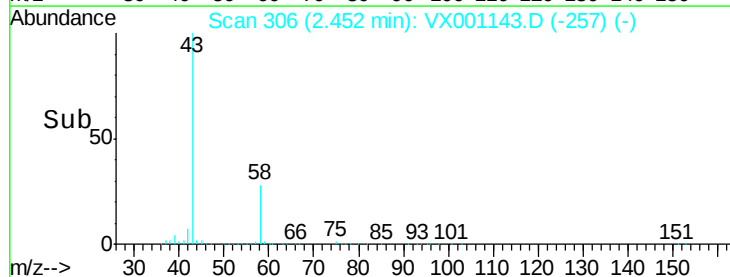
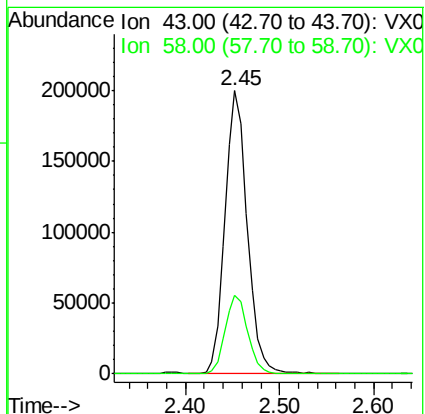
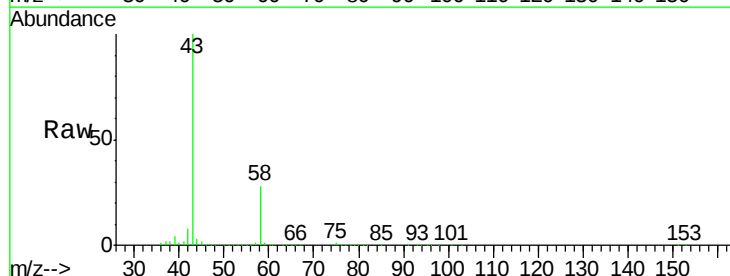
Acq: 26 Apr 2018 22:11

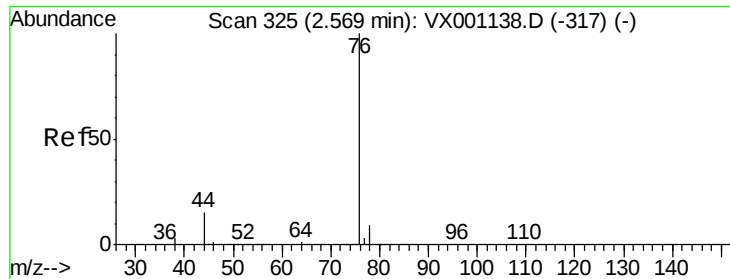
Tgt Ion: 43 Resp: 325021

Ion Ratio Lower Upper

43 100

58 27.7 23.0 34.6

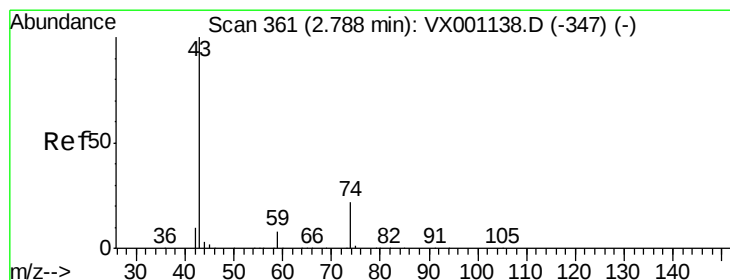
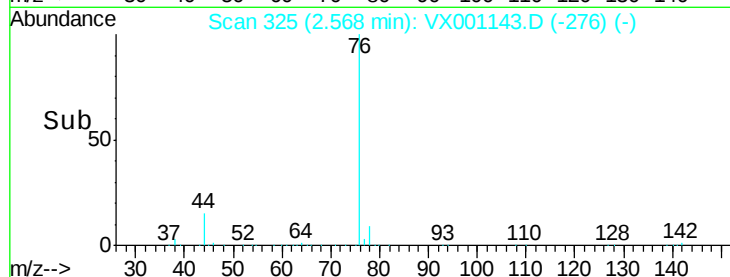
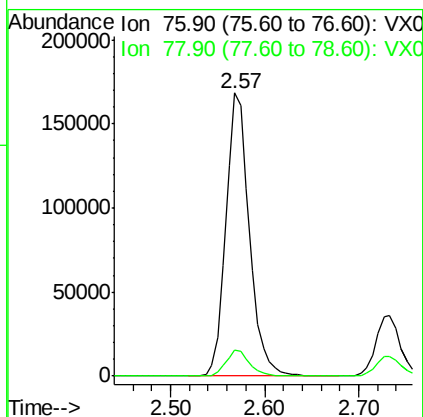
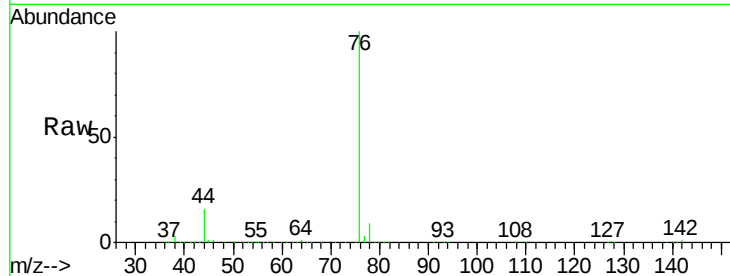




#17
Carbon Disulfide
Concen: 50.16 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

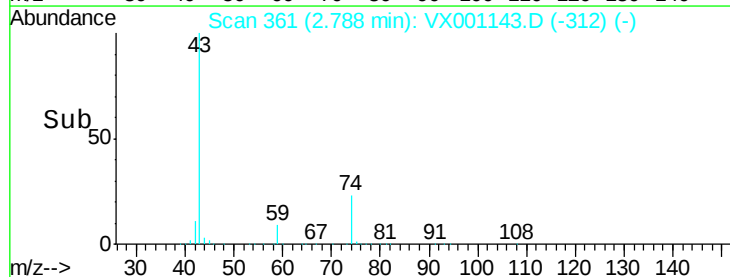
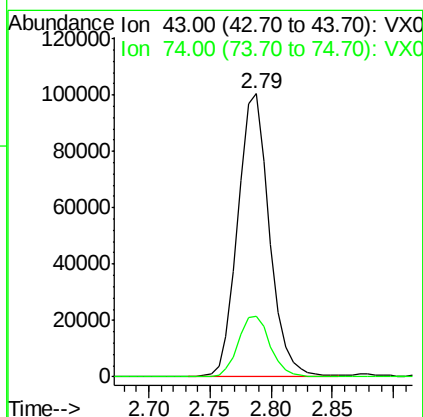
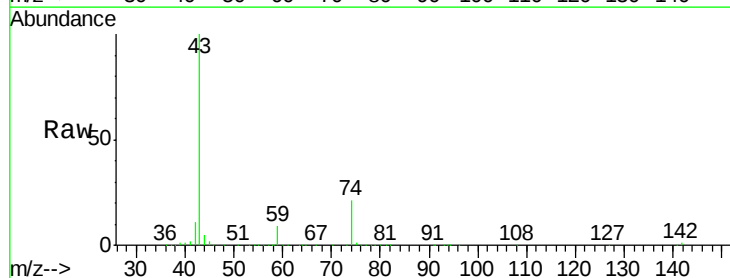
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

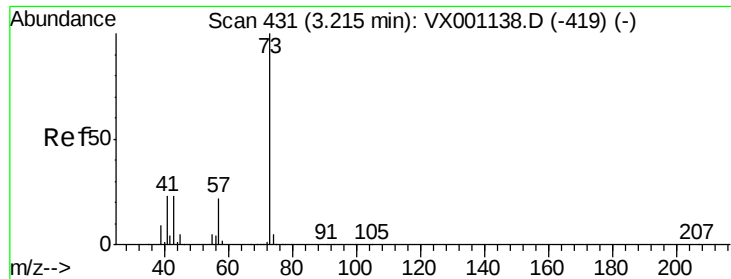
Tgt Ion: 76 Resp: 290868
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 49.81 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 43 Resp: 178572
Ion Ratio Lower Upper
43 100
74 21.5 18.1 27.1

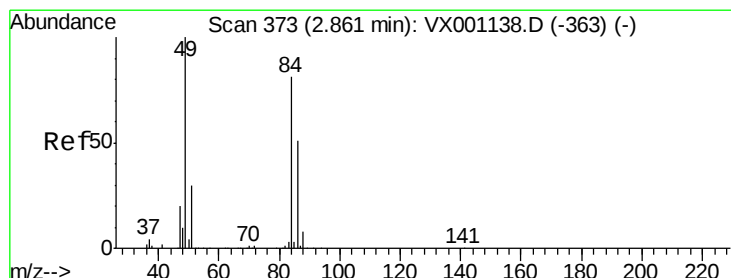
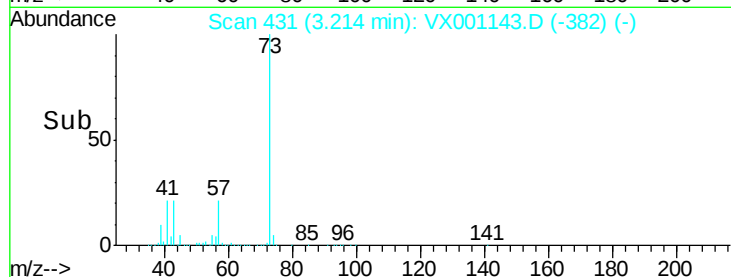
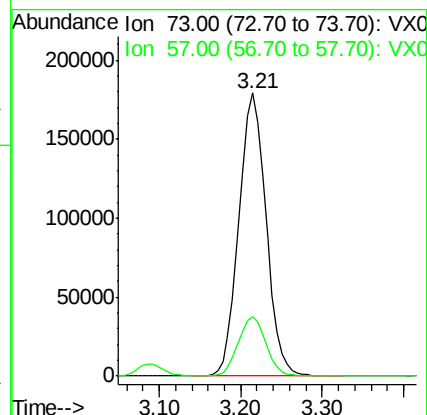
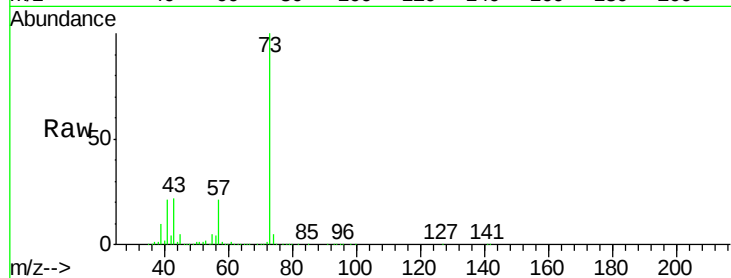




#19
Methyl tert-butyl Ether
Concen: 49.39 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

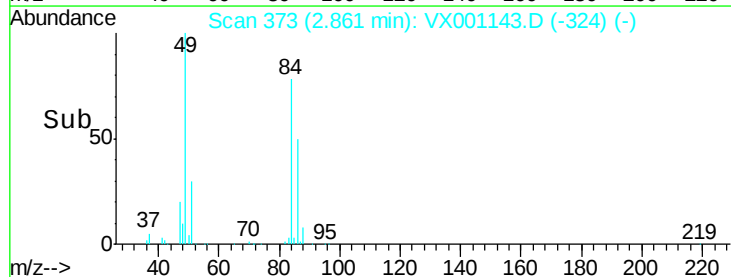
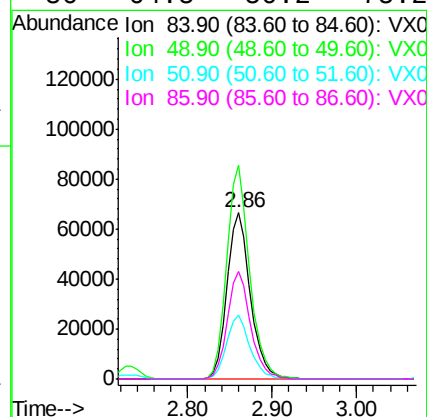
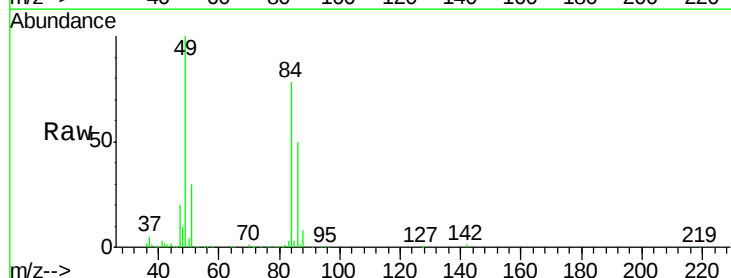
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

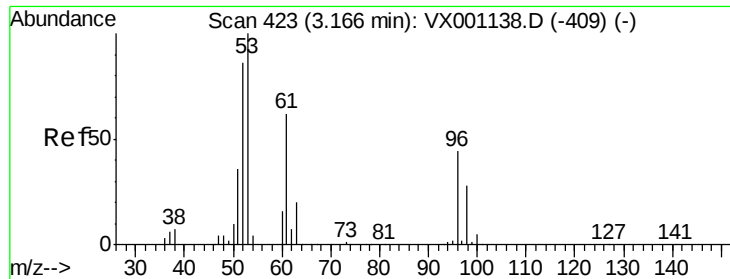
Tgt Ion: 73 Resp: 413269
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 47.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 84 Resp: 126890
Ion Ratio Lower Upper
84 100
49 128.8 99.2 148.8
51 38.9 29.5 44.3
86 64.5 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.21 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

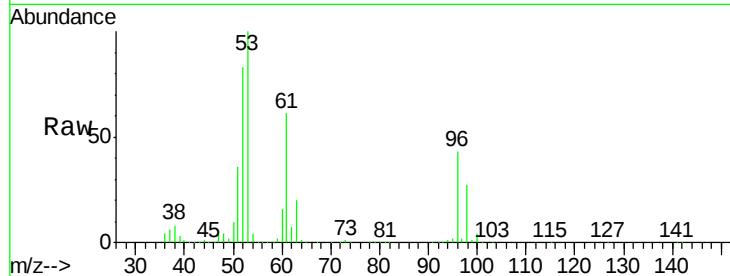
Tgt Ion: 96 Resp: 121123

Ion Ratio Lower Upper

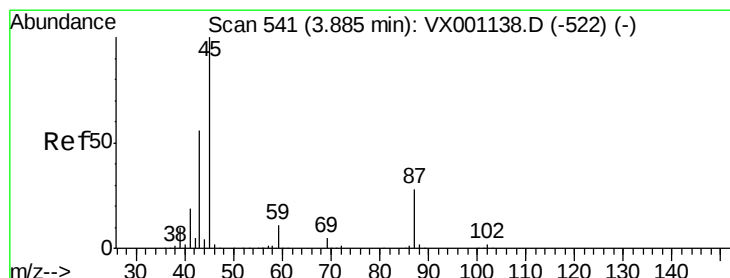
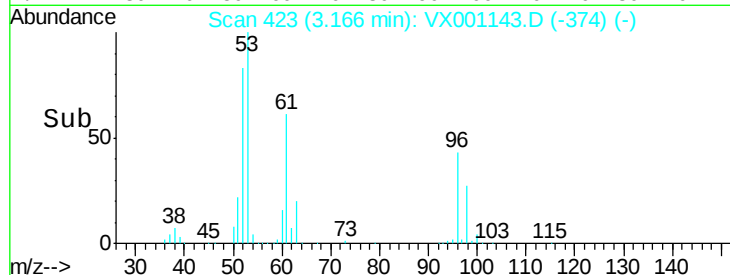
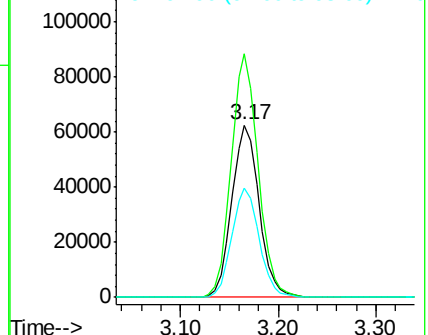
96 100

61 141.1 111.9 167.9

98 63.4 51.1 76.7



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



#22

Diisopropyl ether

Concen: 49.86 ug/l

RT: 3.88 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Tgt Ion: 45 Resp: 413593

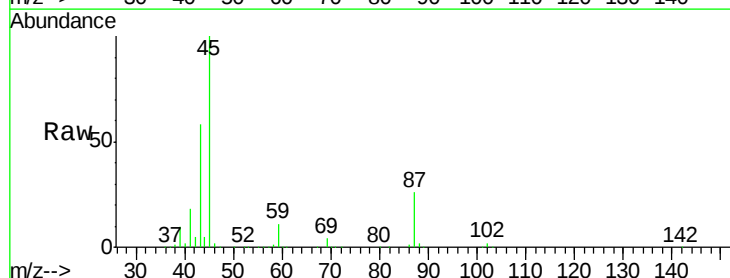
Ion Ratio Lower Upper

45 100

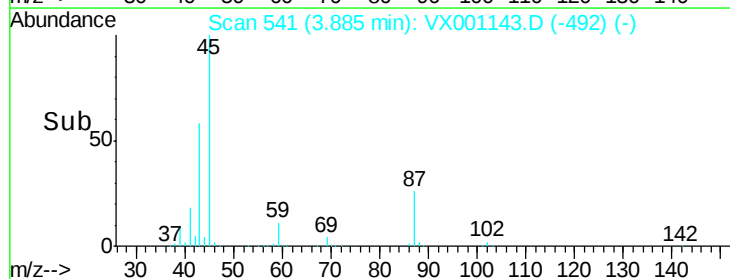
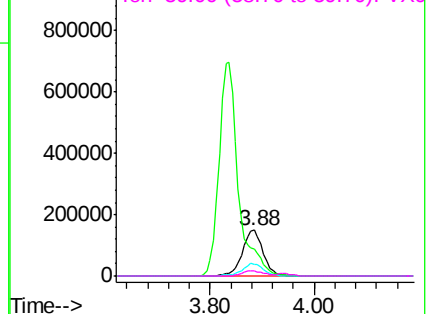
43 57.6 45.0 67.4

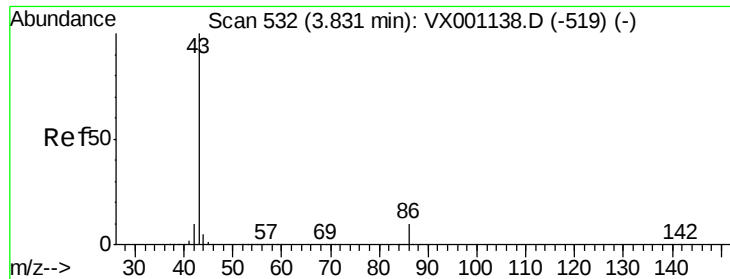
87 26.1 22.8 34.2

59 11.3 9.0 13.6



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





#23

Vinyl Acetate

Concen: 257.62 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

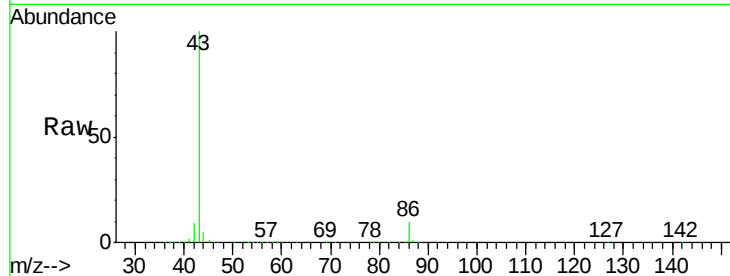
VSTDCCC050

Tgt Ion: 43 Resp: 1813117

Ion Ratio Lower Upper

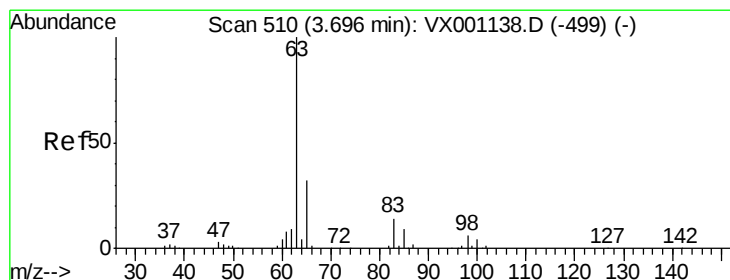
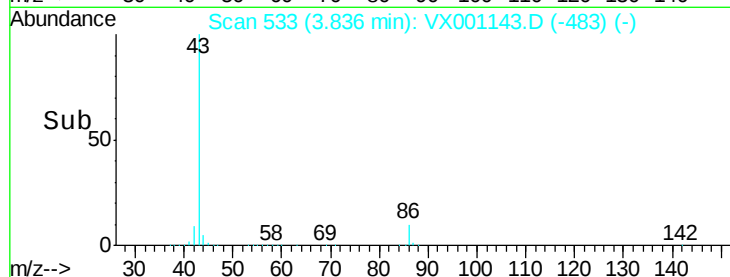
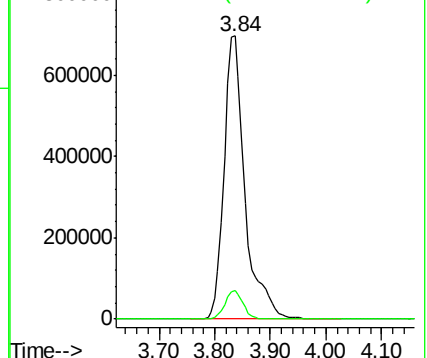
43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.50 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

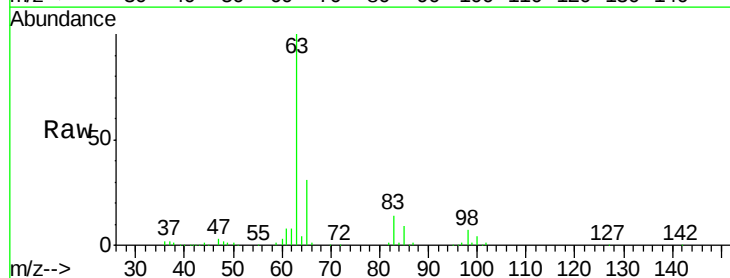
Tgt Ion: 63 Resp: 211473

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

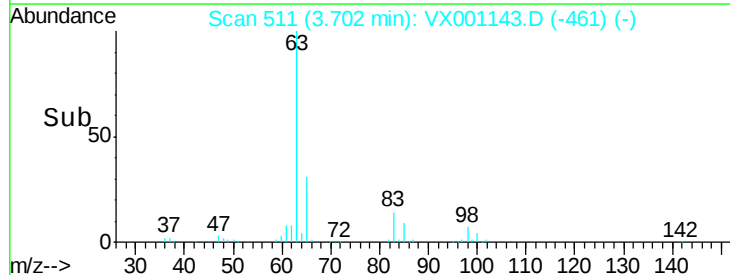
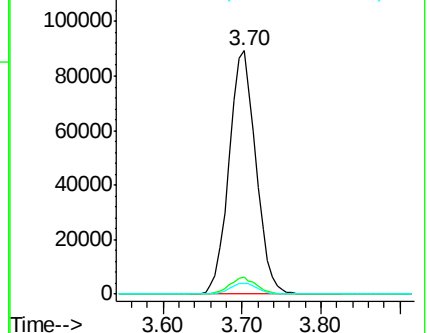
100 4.2 2.1 6.5

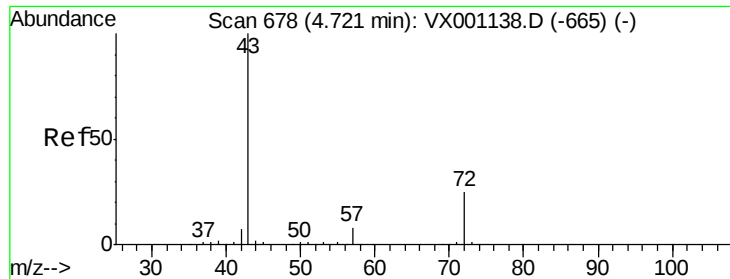


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

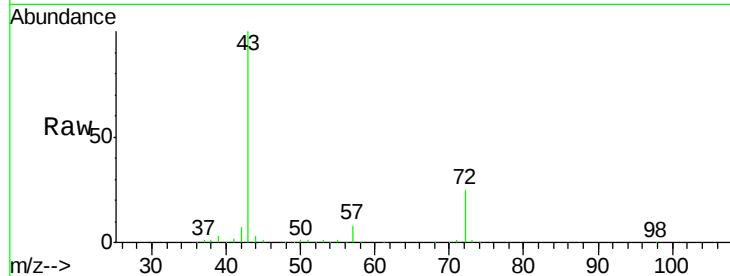
VSTDCCC050

Tgt Ion: 43 Resp: 509530

Ion Ratio Lower Upper

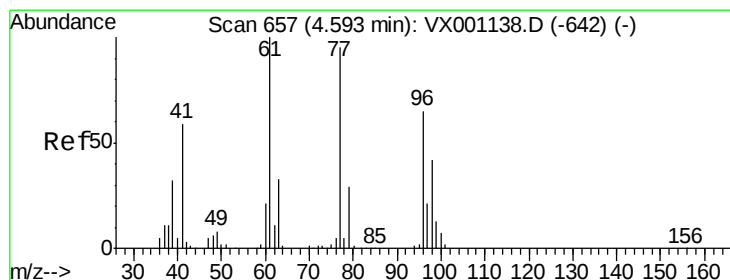
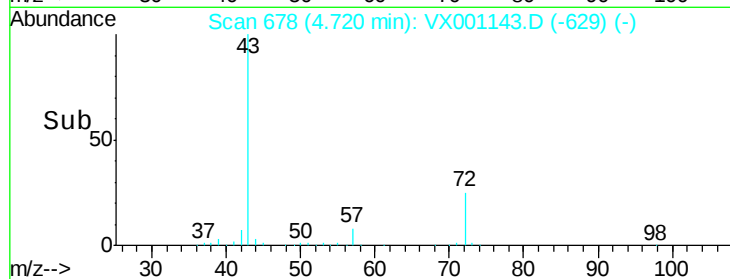
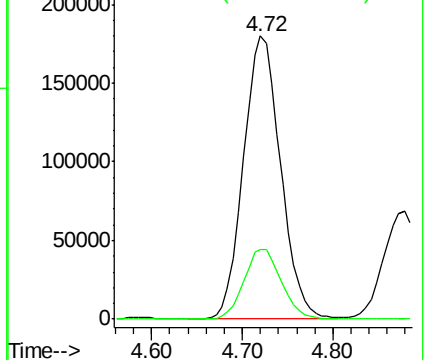
43 100

72 24.7 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.51 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001143.D

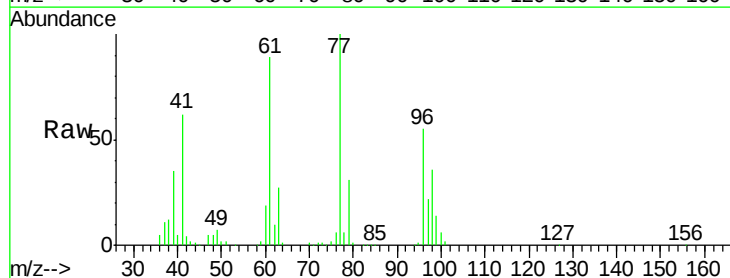
Acq: 26 Apr 2018 22:11

Tgt Ion: 77 Resp: 159620

Ion Ratio Lower Upper

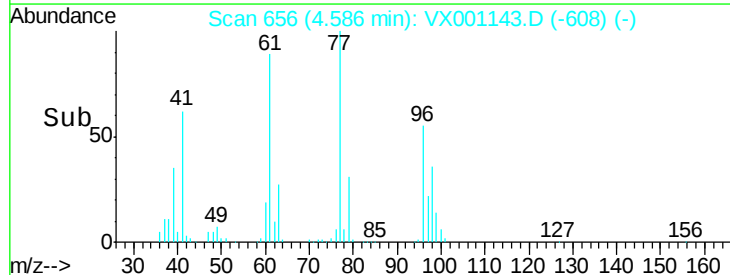
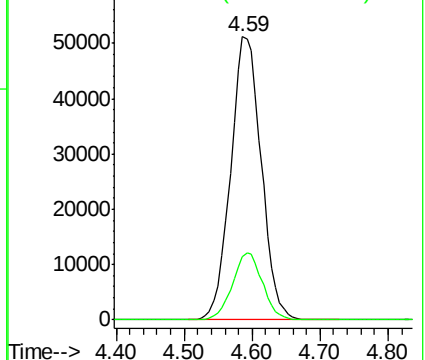
77 100

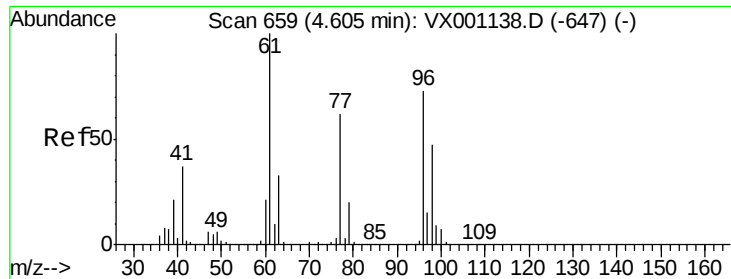
97 23.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.35 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

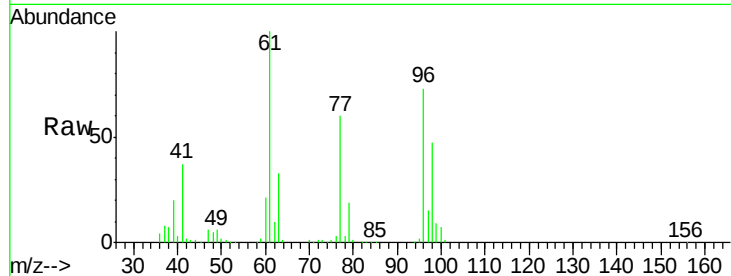
Tgt Ion: 96 Resp: 135772

Ion Ratio Lower Upper

96 100

61 144.9 0.0 289.0

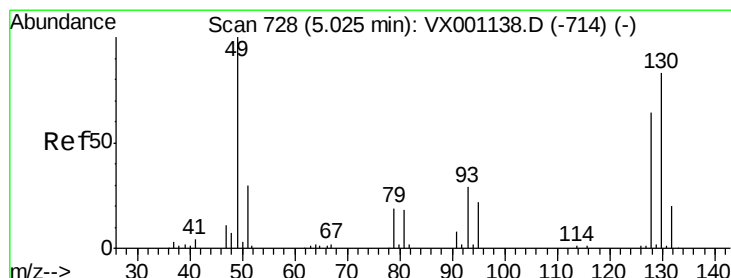
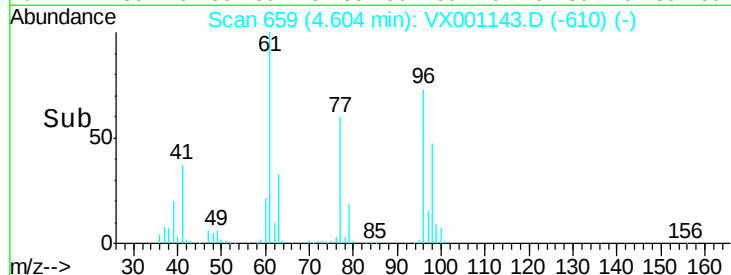
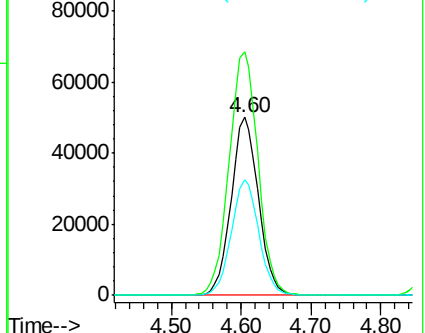
98 65.4 0.0 128.2



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: 52.11 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

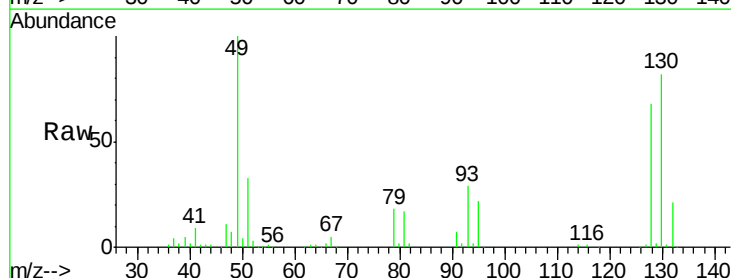
Tgt Ion: 49 Resp: 101881

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

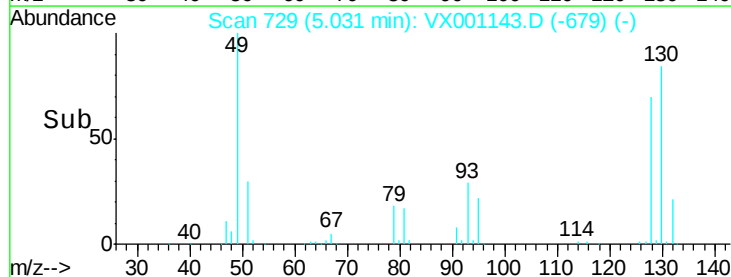
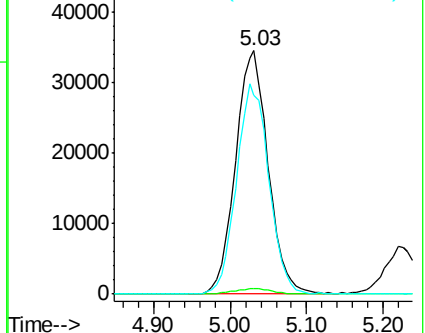
130 85.7 68.2 102.2

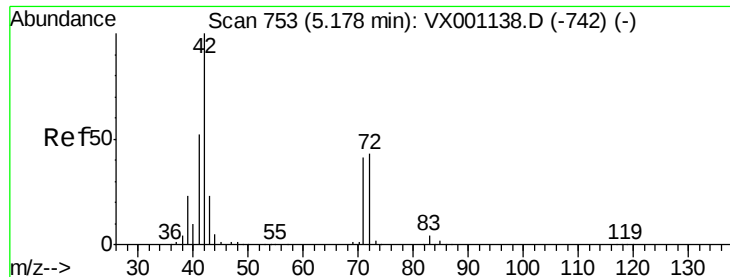


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.45 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

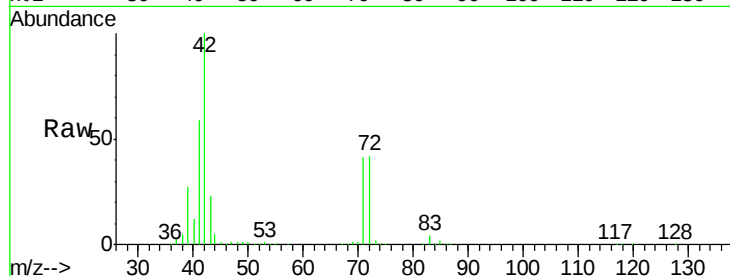
Tgt Ion: 42 Resp: 328666

Ion Ratio Lower Upper

42 100

72 43.1 34.4 51.6

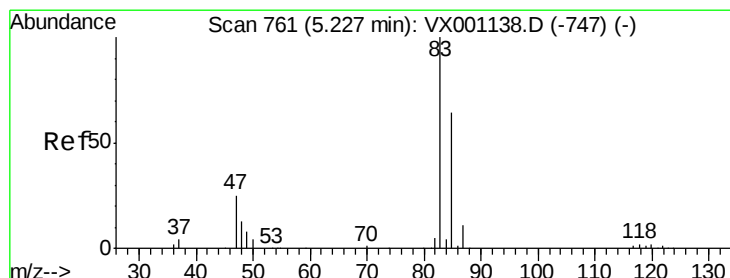
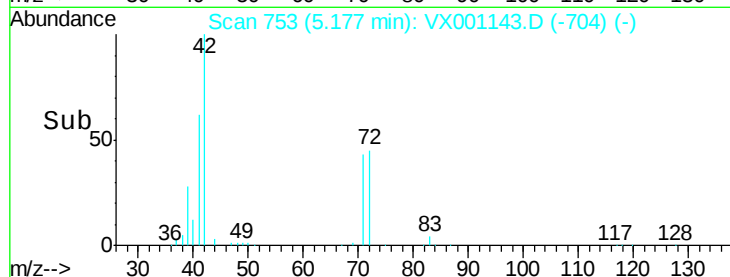
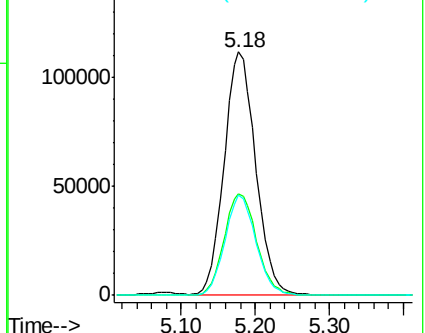
71 40.6 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.52 ug/l

RT: 5.23 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX001143.D

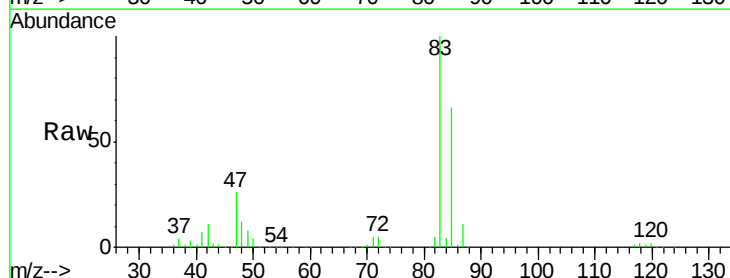
Acq: 26 Apr 2018 22:11

Tgt Ion: 83 Resp: 234246

Ion Ratio Lower Upper

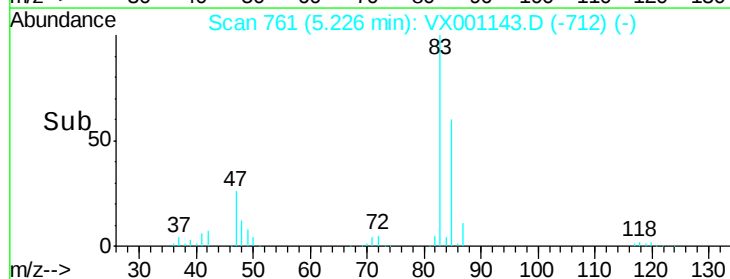
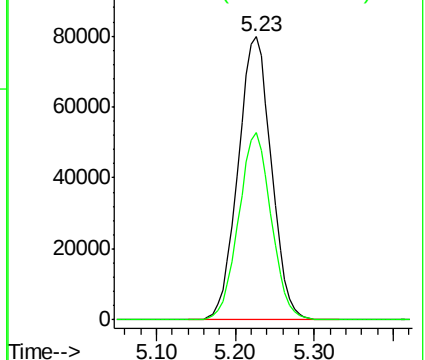
83 100

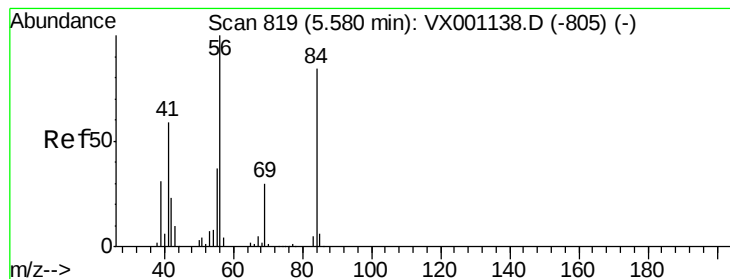
85 66.0 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.58 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

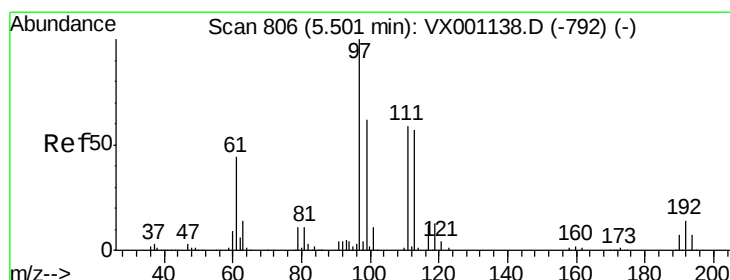
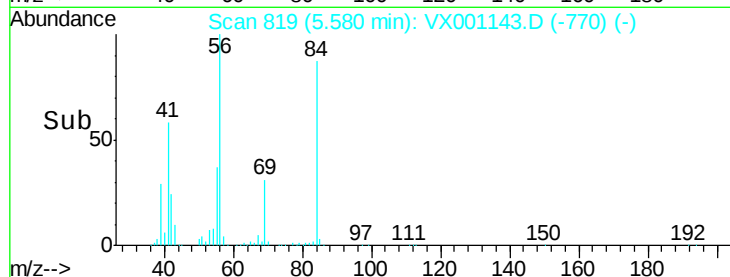
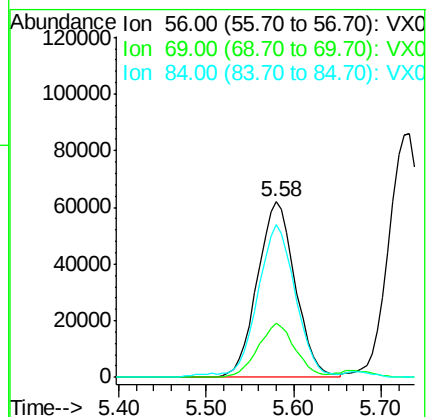
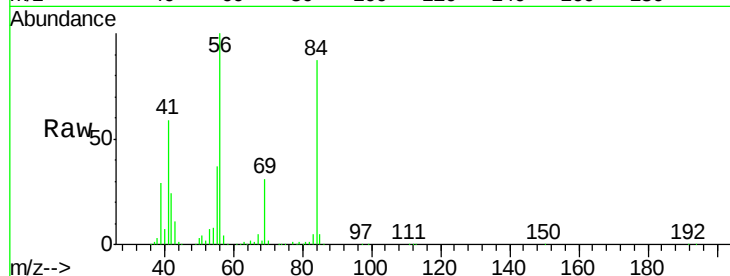
Tgt Ion: 56 Resp: 187358

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 85.6 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 51.28 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

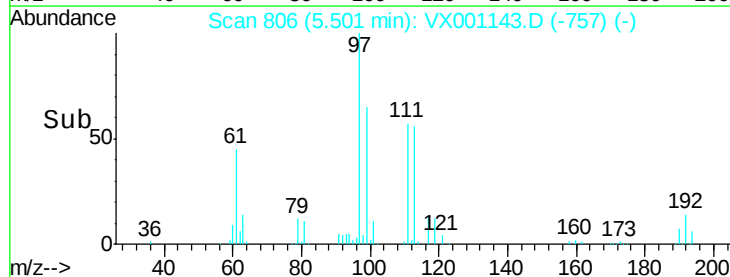
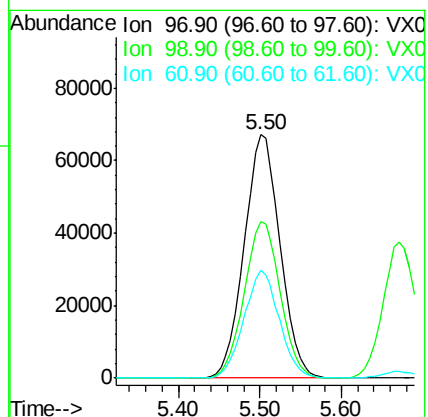
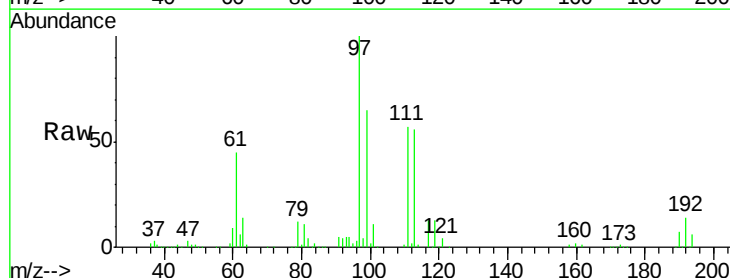
Tgt Ion: 97 Resp: 205235

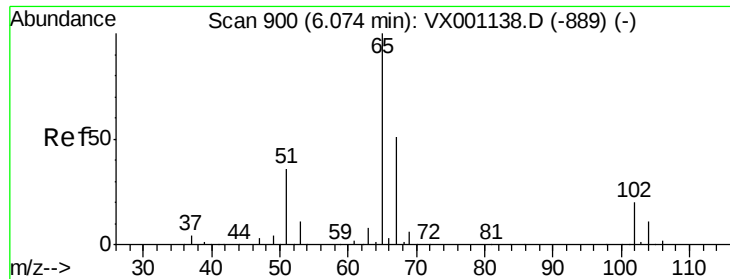
Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 43.9 35.0 52.6

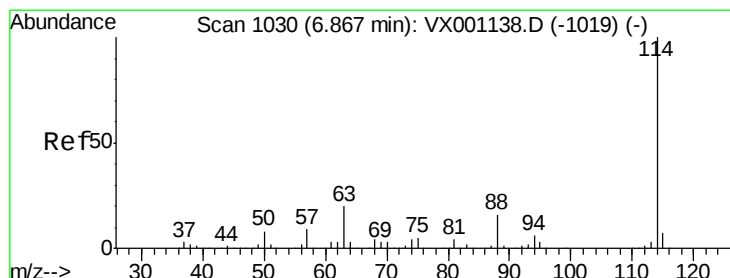
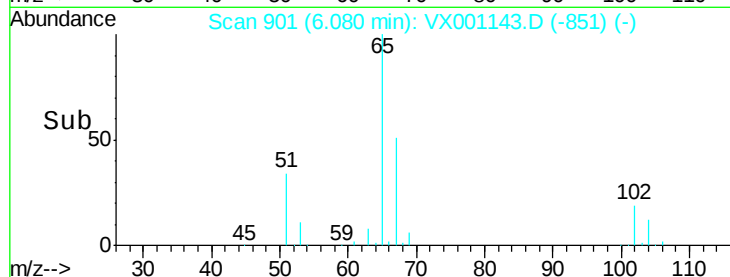
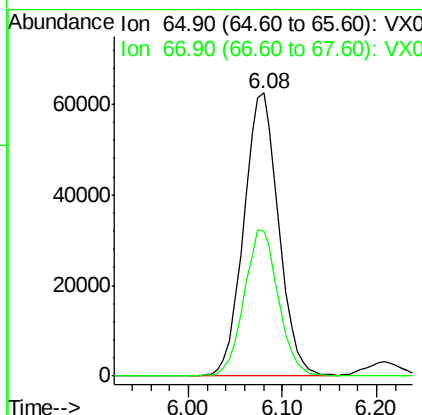
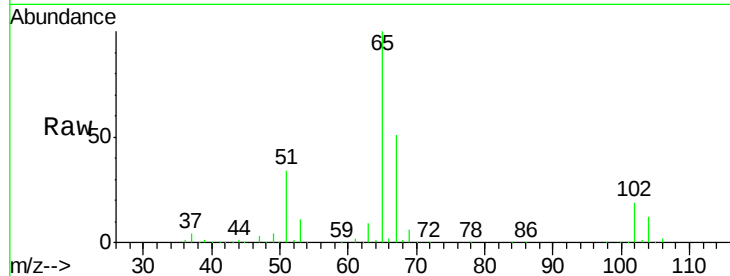




#33
 1,2-Dichloroethane-d4
 Concen: 46.48 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

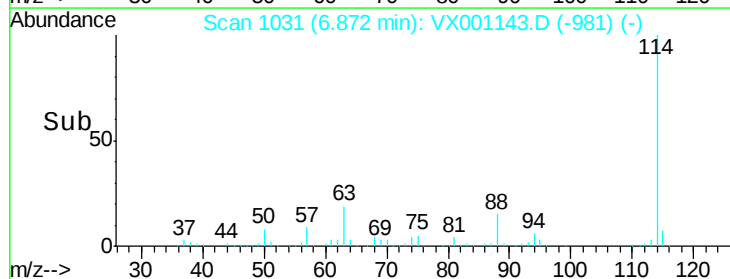
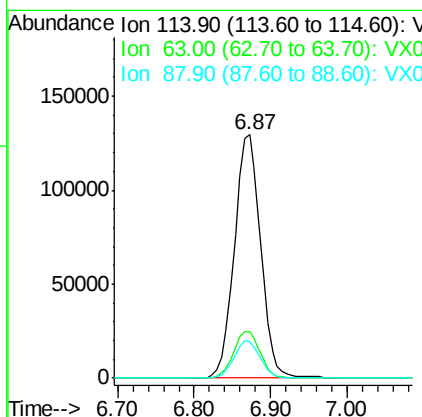
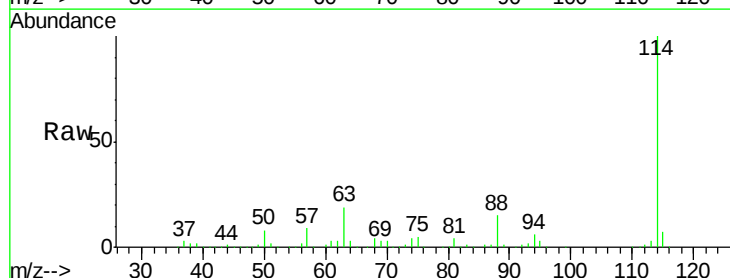
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

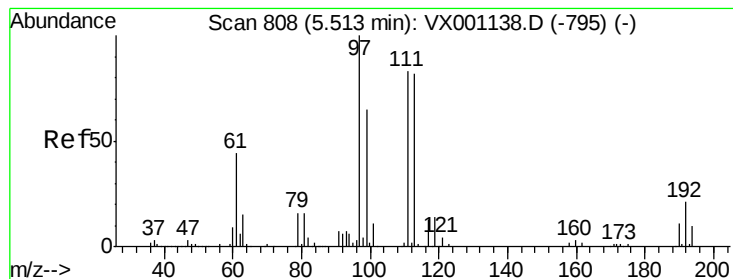
Tgt Ion: 65 Resp: 161952
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 114 Resp: 307461
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.4
 88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.69 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

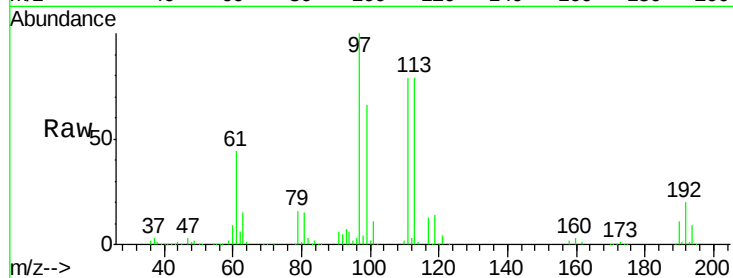
Tgt Ion:113 Resp: 129004

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

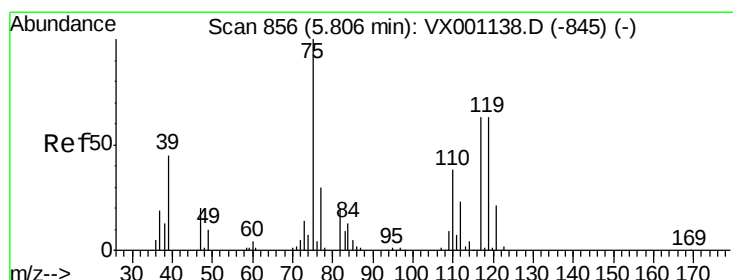
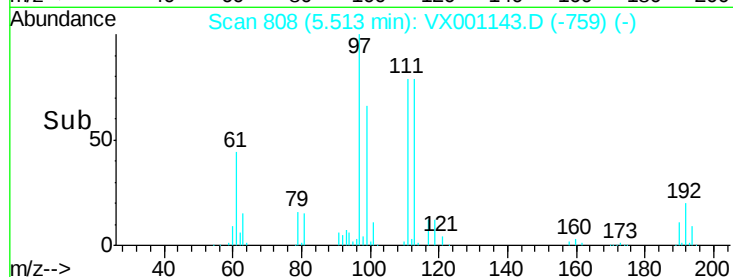
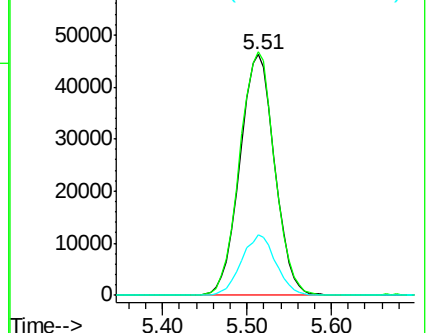
192 25.0 20.6 30.8



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: 49.29 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

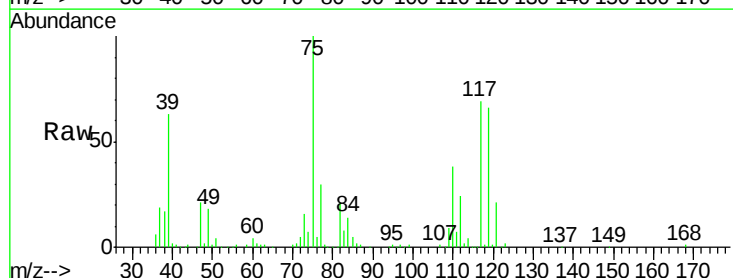
Tgt Ion: 75 Resp: 166994

Ion Ratio Lower Upper

75 100

110 37.1 19.0 57.0

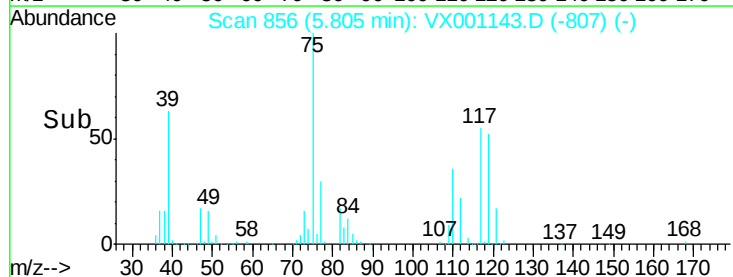
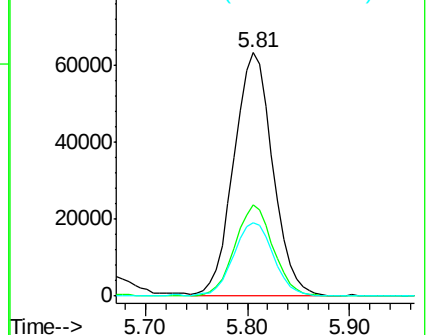
77 31.2 24.8 37.2

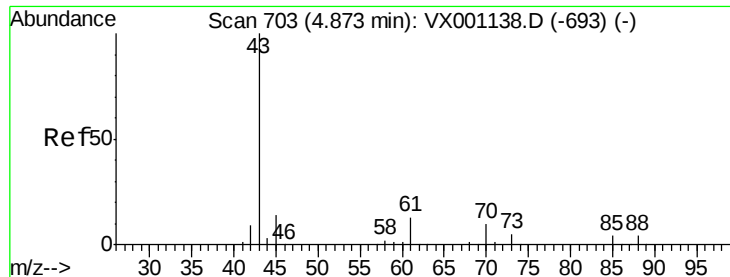


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

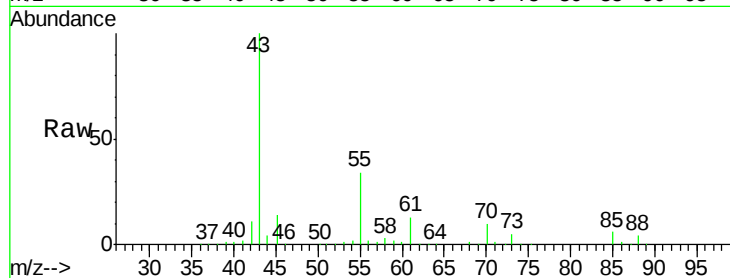




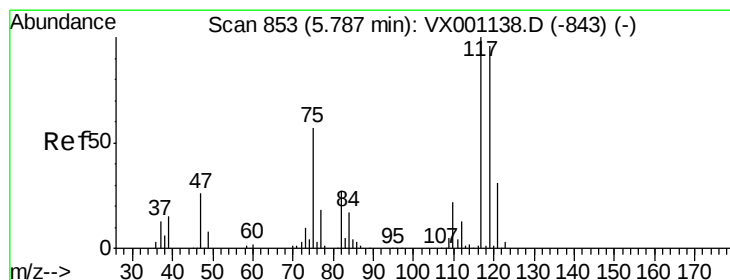
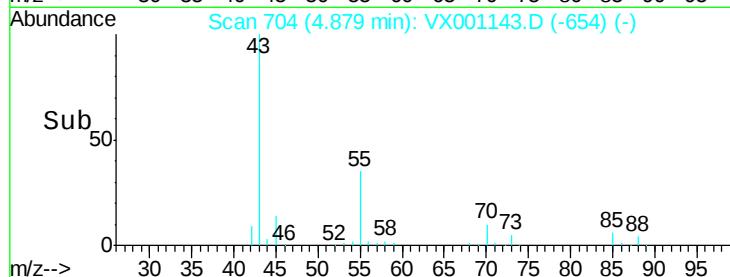
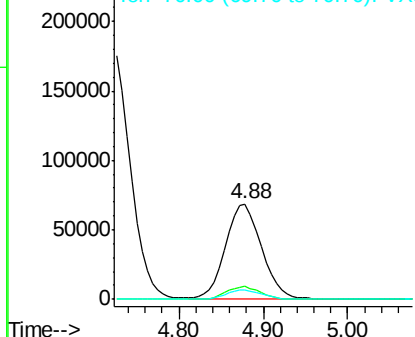
#37
Ethyl Acetate
Concen: 49.28 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 199945
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 10.1 8.2 12.2

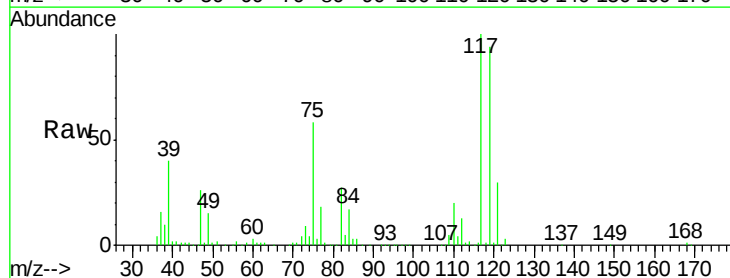


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

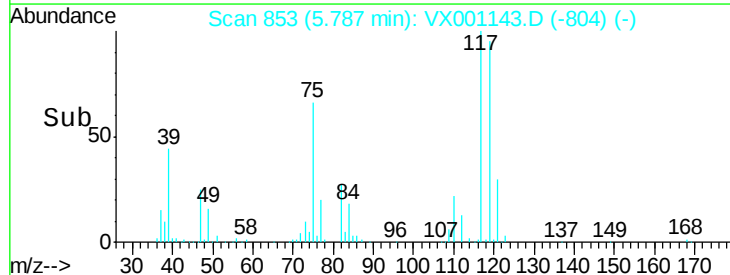
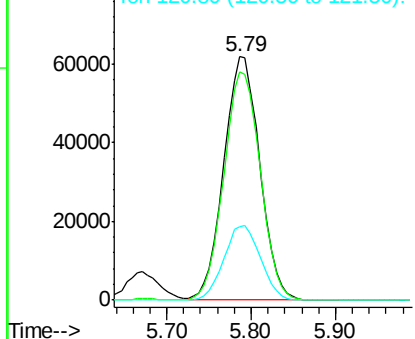


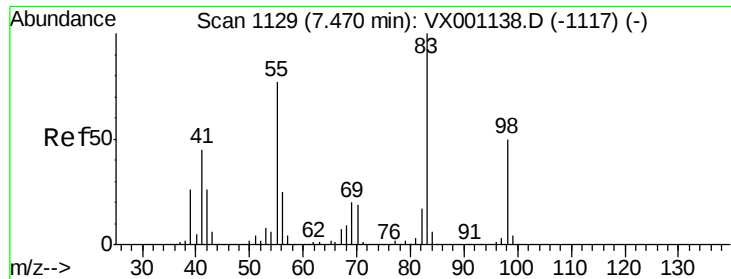
#38
Carbon Tetrachloride
Concen: 51.72 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 117 Resp: 179695
Ion Ratio Lower Upper
117 100
119 94.0 76.5 114.7
121 30.2 24.6 37.0



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

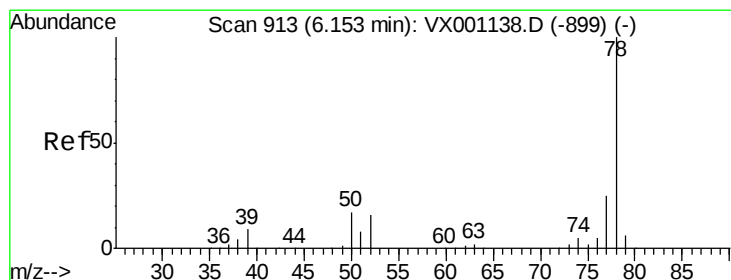
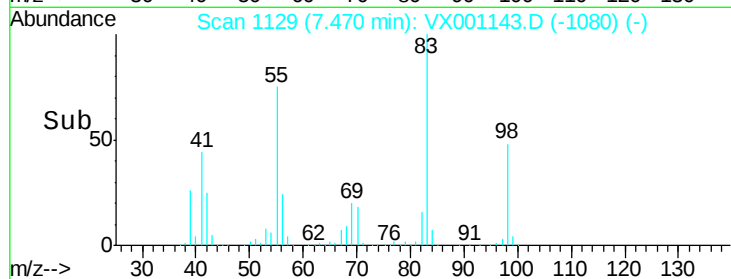
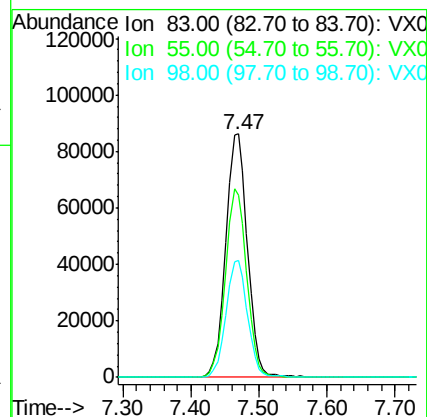
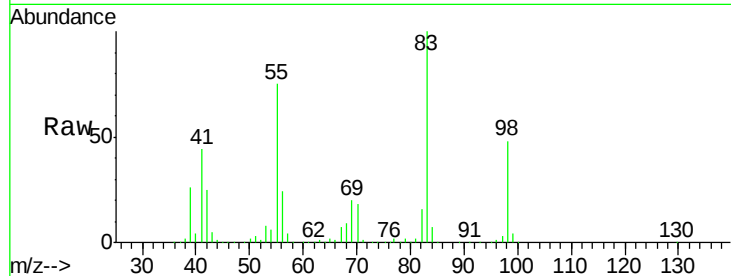




#39
Methylcyclohexane
Concen: 50.88 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

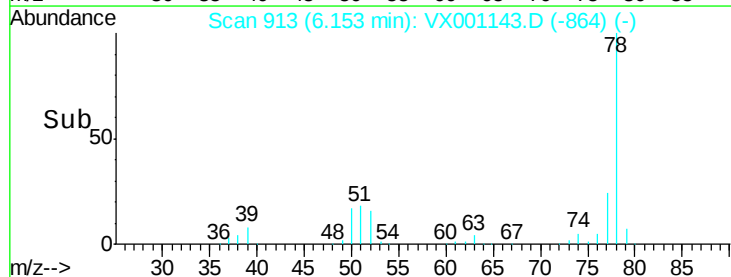
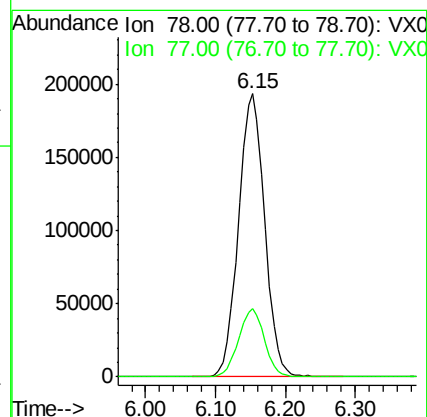
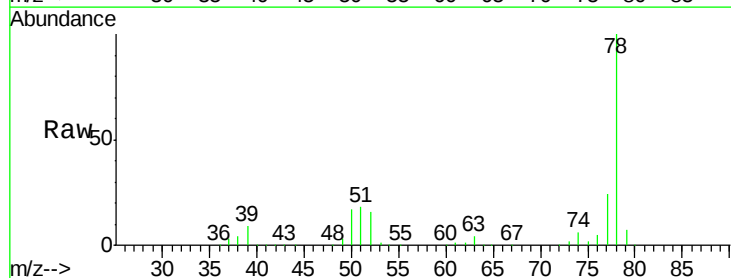
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

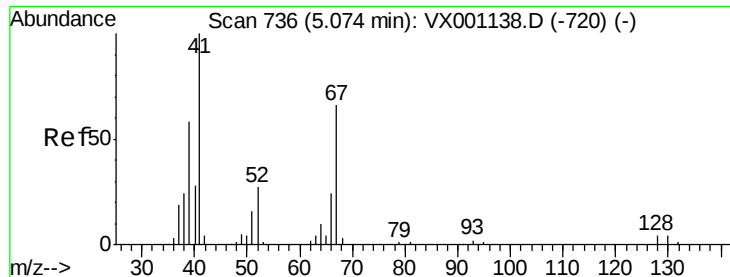
Tgt Ion: 83 Resp: 190789
Ion Ratio Lower Upper
83 100
55 75.1 61.8 92.6
98 47.9 40.0 60.0



#40
Benzene
Concen: 51.34 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 78 Resp: 503223
Ion Ratio Lower Upper
78 100
77 24.1 19.7 29.5

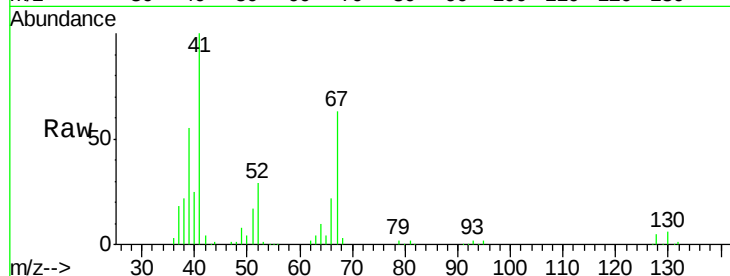




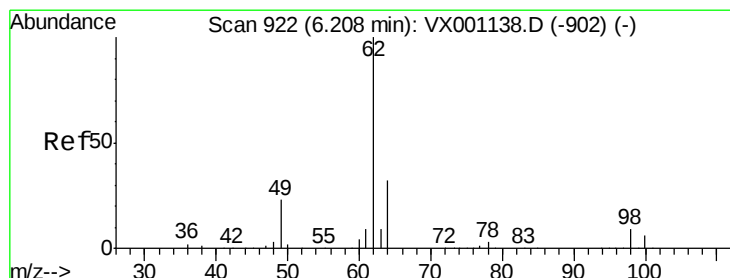
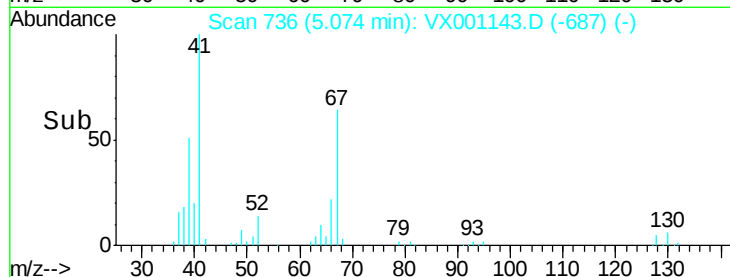
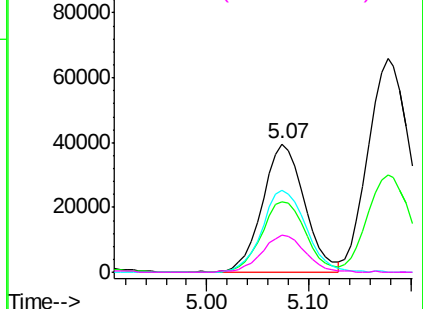
#41
Methacrylonitrile
Concen: 49.59 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	113061
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.9	68.9
67	66.6	53.2	79.8
52	30.0	23.1	34.7

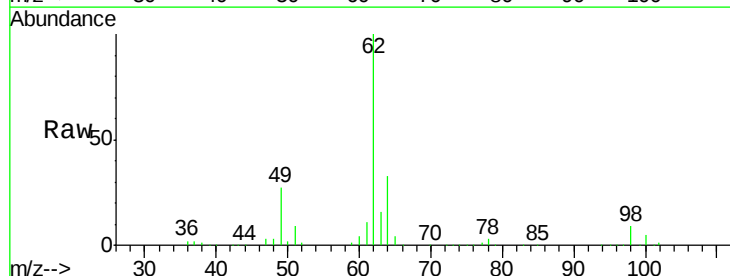


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

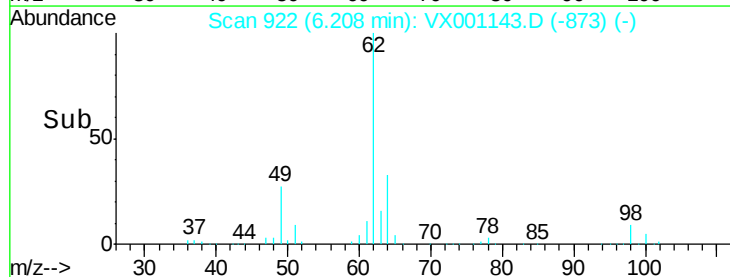
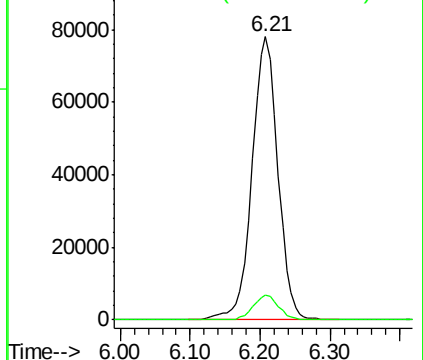


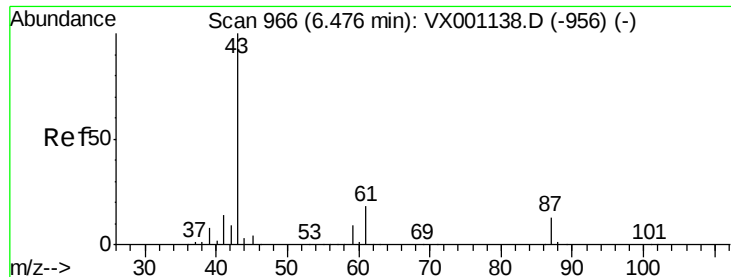
#42
1,2-Dichloroethane
Concen: 50.67 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:	62	Resp:	200106
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

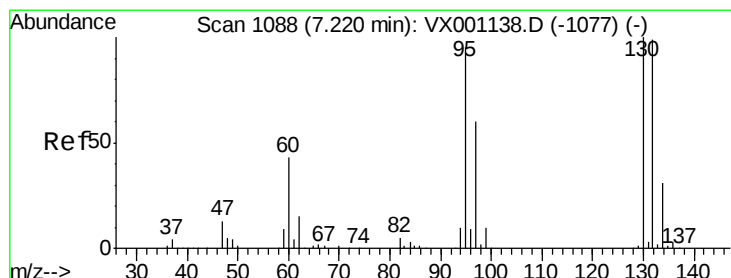
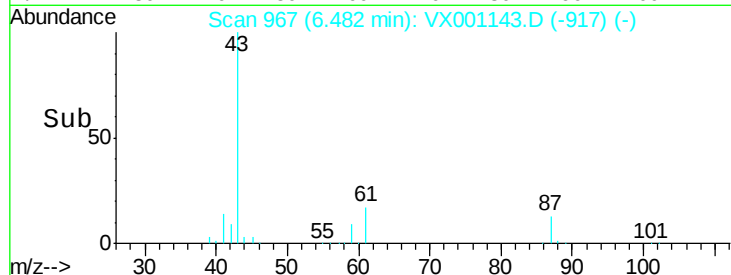
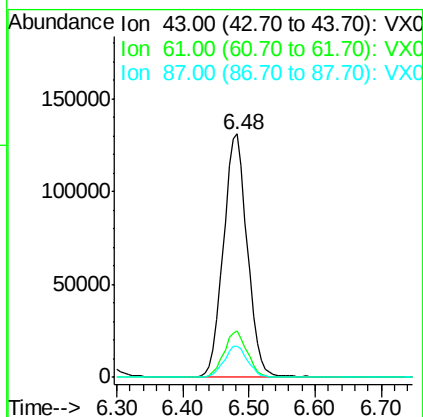
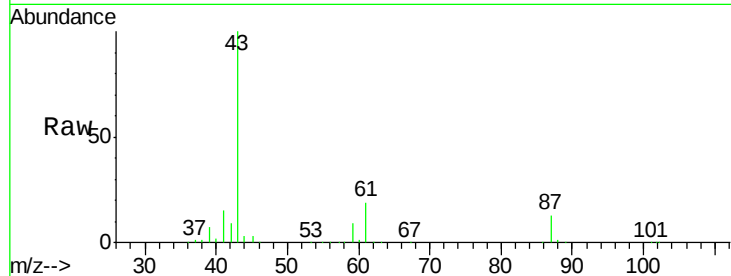




#43
Isopropyl Acetate
Concen: 51.37 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

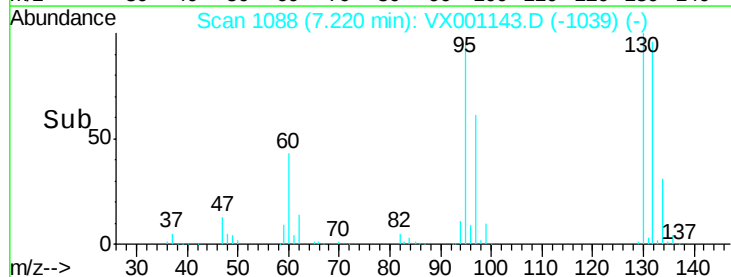
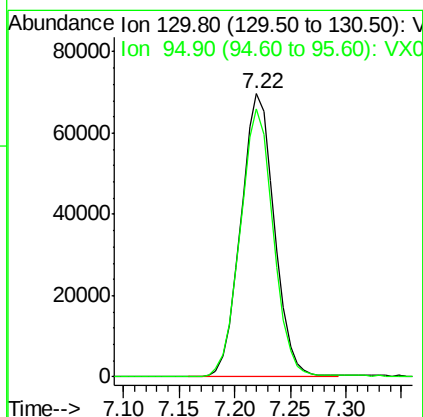
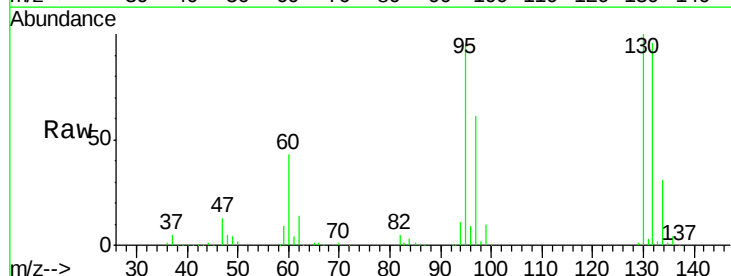
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

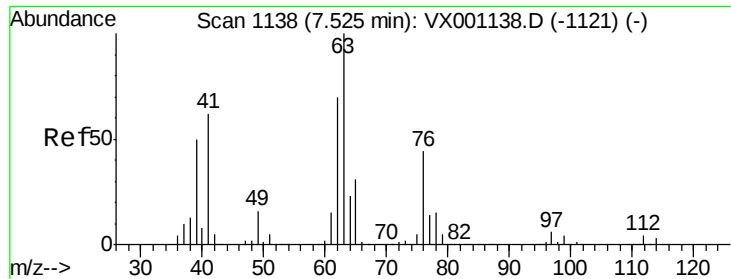
Tgt Ion: 43 Resp: 327333
Ion Ratio Lower Upper
43 100
61 18.7 15.0 22.6
87 12.9 10.3 15.5



#44
Trichloroethene
Concen: 50.09 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 130 Resp: 146271
Ion Ratio Lower Upper
130 100
95 94.6 0.0 189.6





#45

1,2-Dichloropropane

Concen: 51.03 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

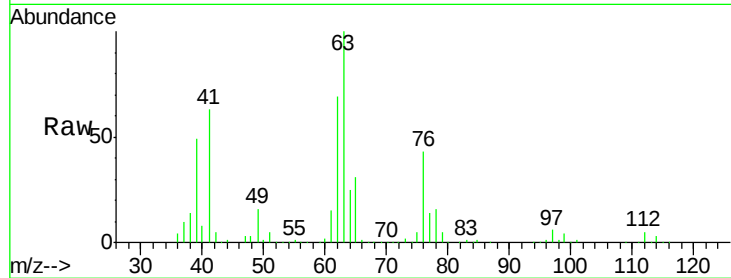
VSTDCCC050

Tgt Ion: 63 Resp: 131558

Ion Ratio Lower Upper

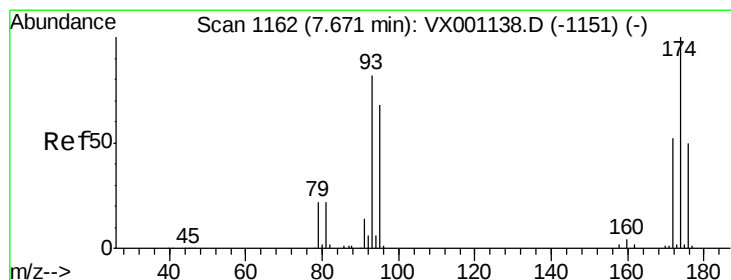
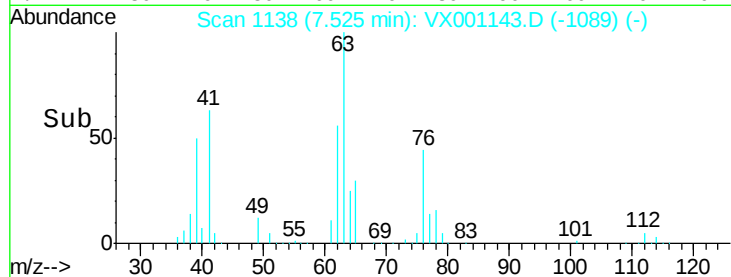
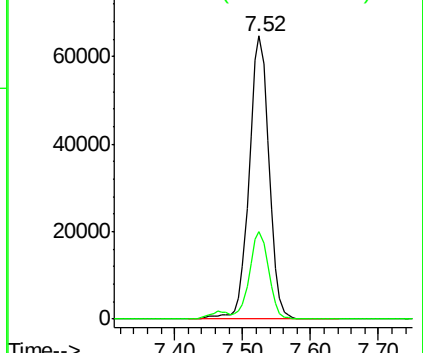
63 100

65 30.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.69 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

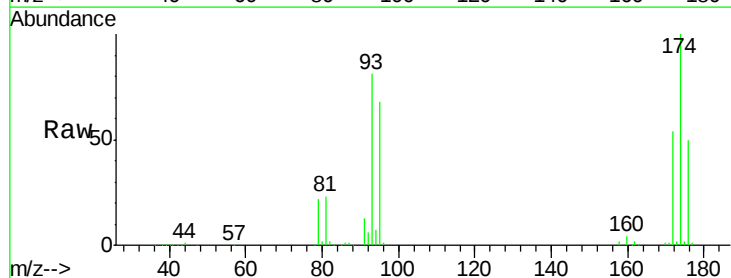
Tgt Ion: 93 Resp: 92262

Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

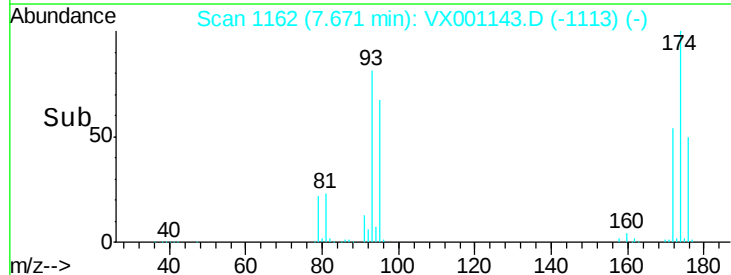
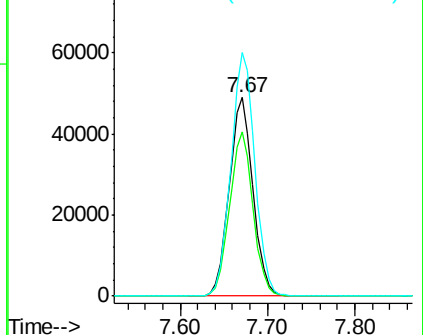
174 124.0 99.6 149.4

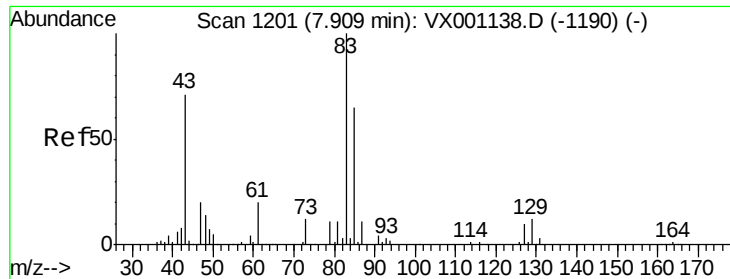


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.29 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

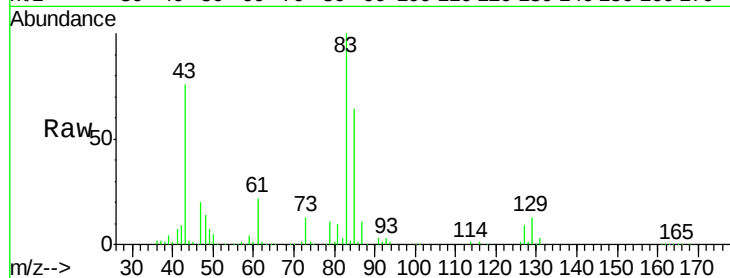
Tgt Ion: 83 Resp: 172840

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

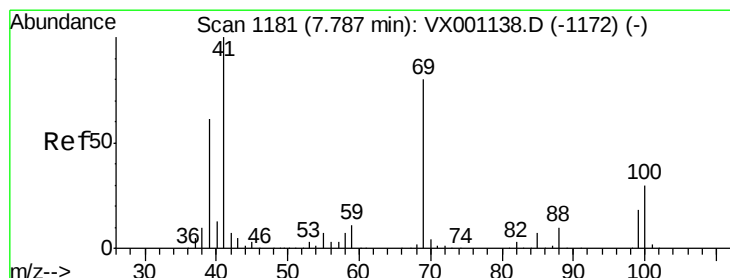
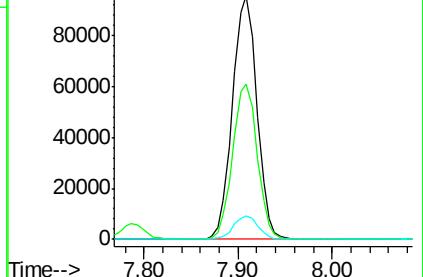
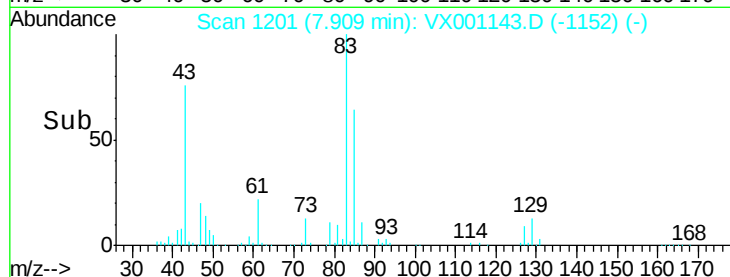
127 9.4 7.7 11.5



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: 51.55 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

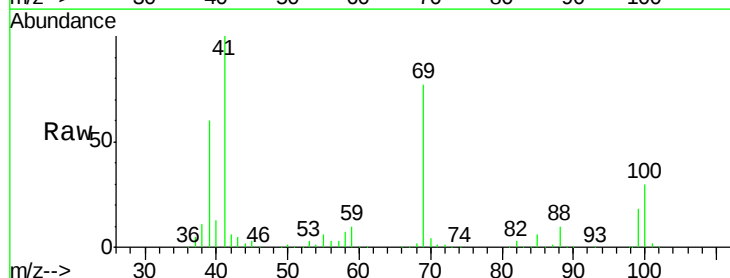
Tgt Ion: 41 Resp: 174609

Ion Ratio Lower Upper

41 100

69 76.7 62.4 93.6

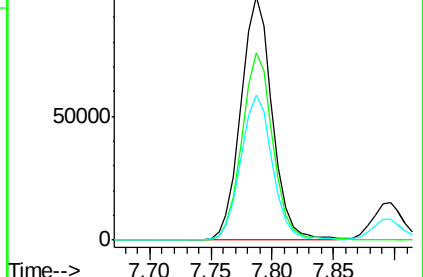
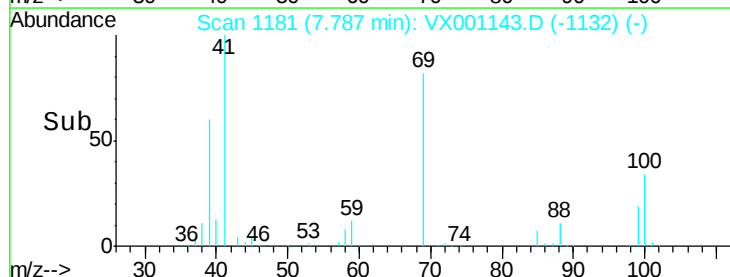
39 60.1 48.7 73.1

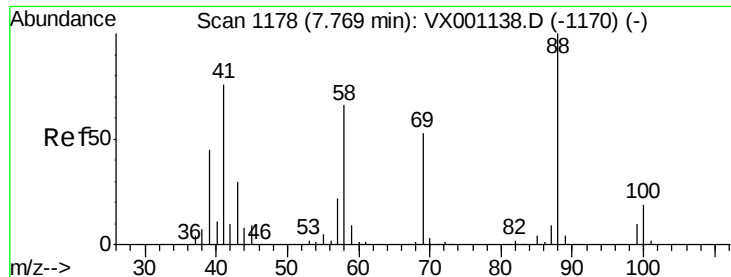


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

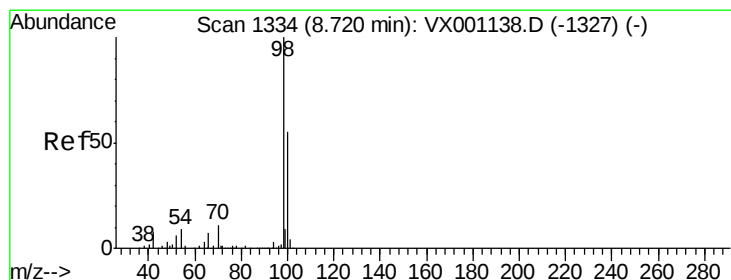
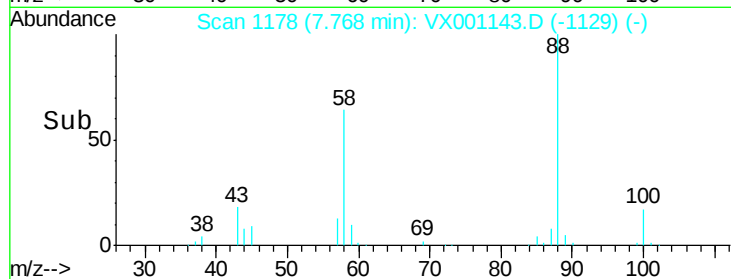
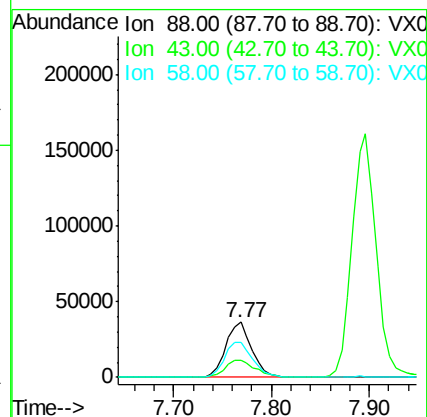
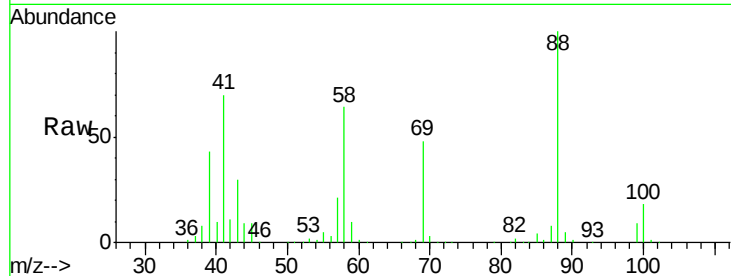




#49
1,4-Dioxane
Concen: 991.56 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

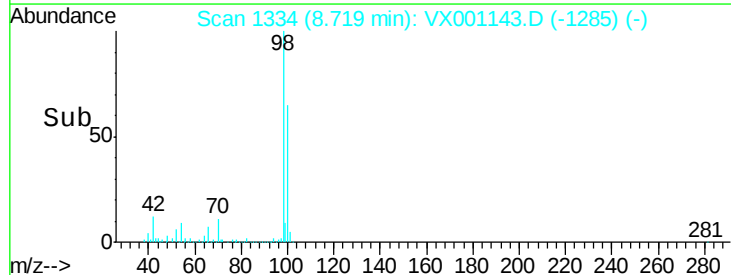
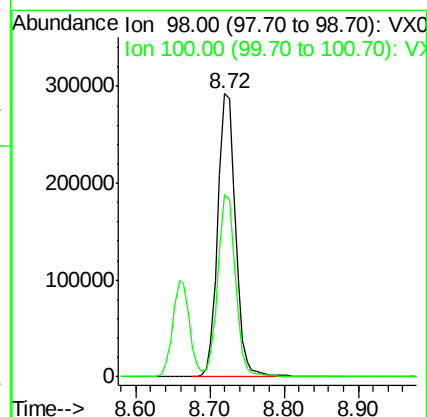
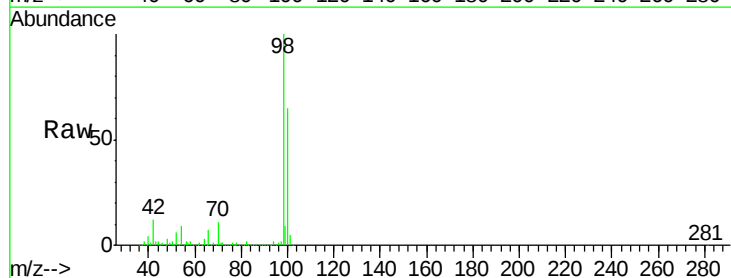
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

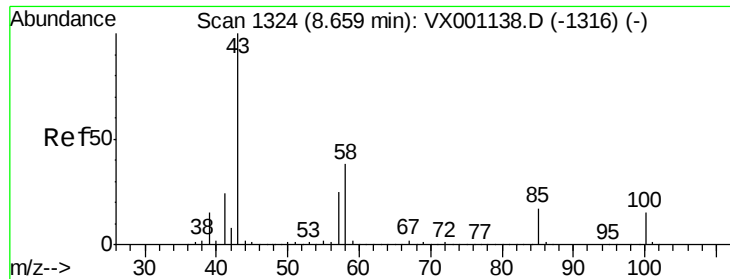
Tgt Ion: 88 Resp: 67240
Ion Ratio Lower Upper
88 100
43 35.6 27.3 40.9
58 69.4 54.2 81.4



#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 98 Resp: 479463
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 255.02 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

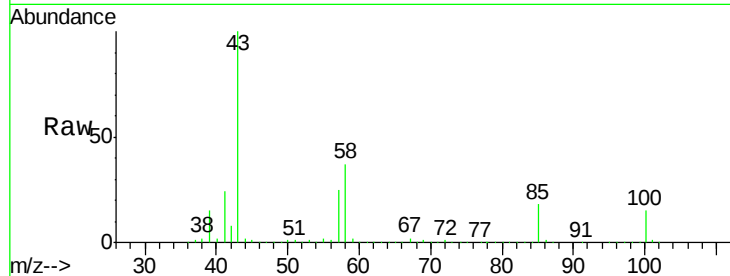
VSTDCCC050

Tgt Ion: 43 Resp: 1067462

Ion Ratio Lower Upper

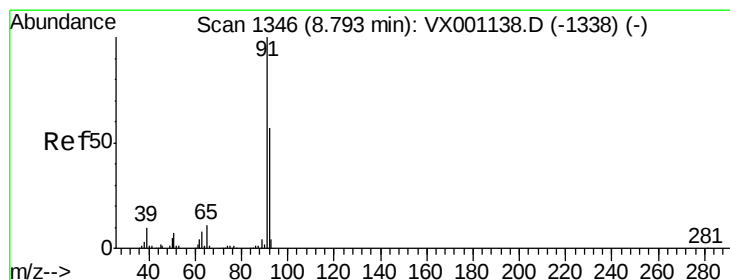
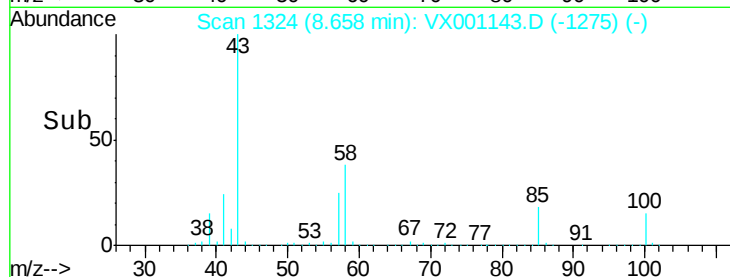
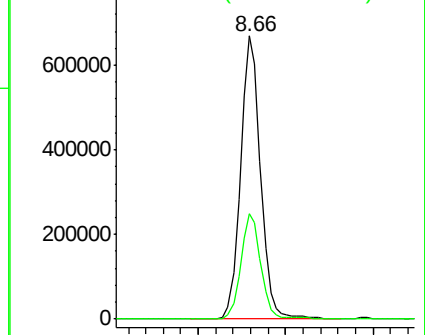
43 100

58 36.9 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.31 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001143.D

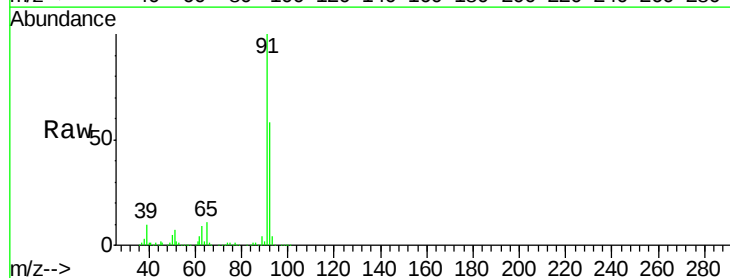
Acq: 26 Apr 2018 22:11

Tgt Ion: 92 Resp: 328836

Ion Ratio Lower Upper

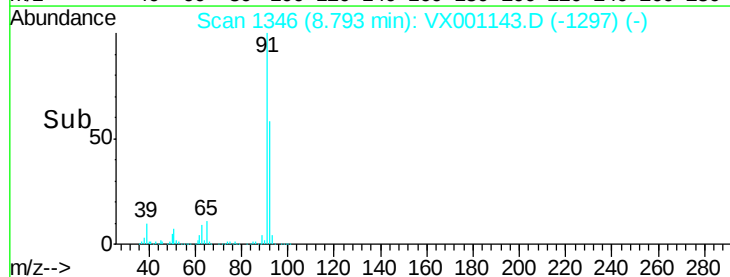
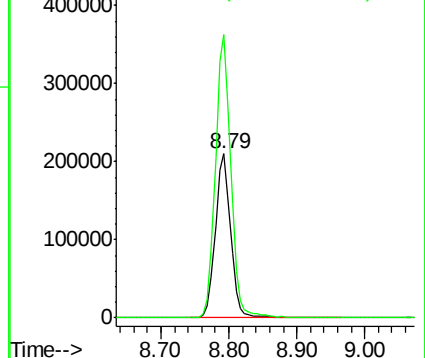
92 100

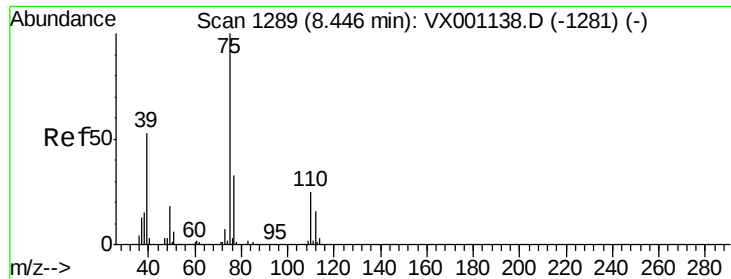
91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.59 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

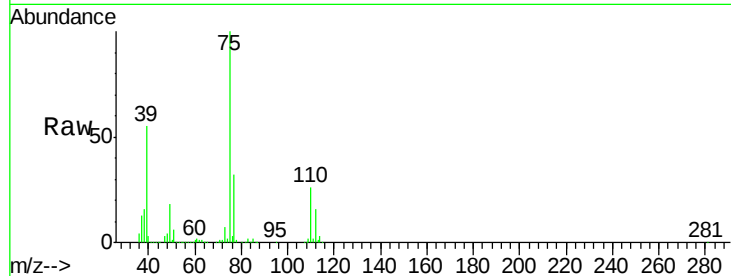
VSTDCCC050

Tgt Ion: 75 Resp: 202069

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

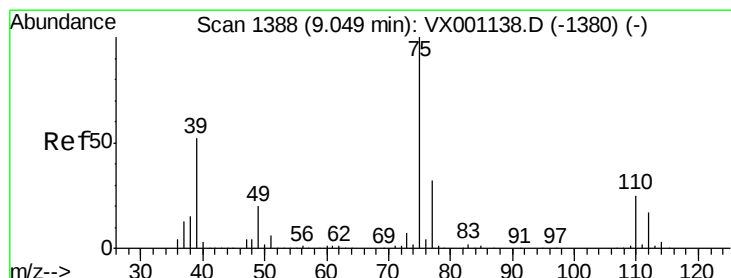
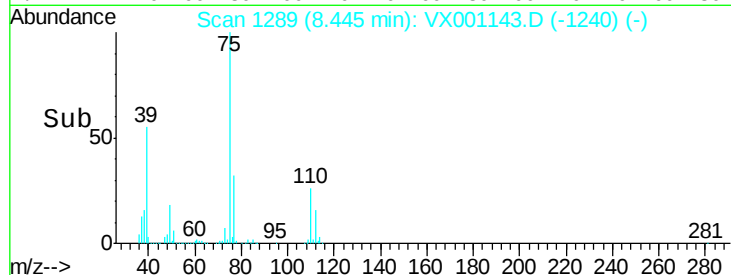
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.19 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

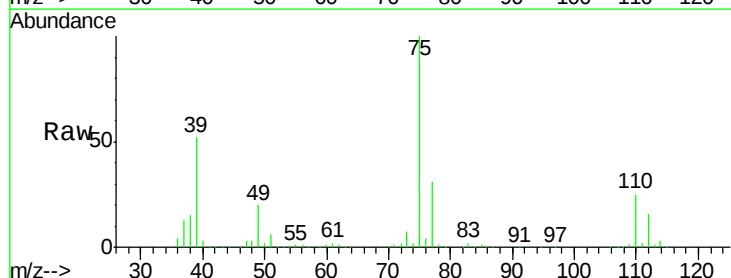
Tgt Ion: 75 Resp: 192388

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 52.1 42.0 63.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

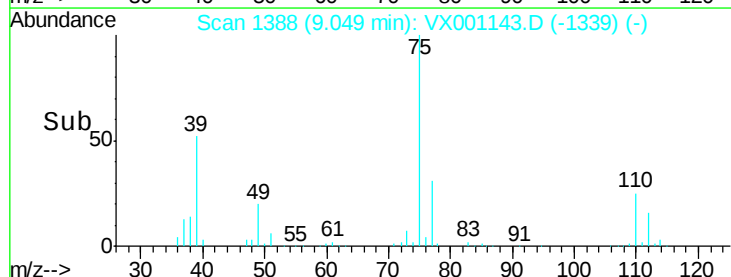
150000

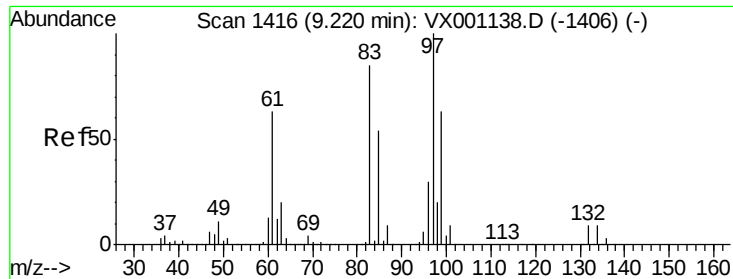
100000

50000

0

Time-->

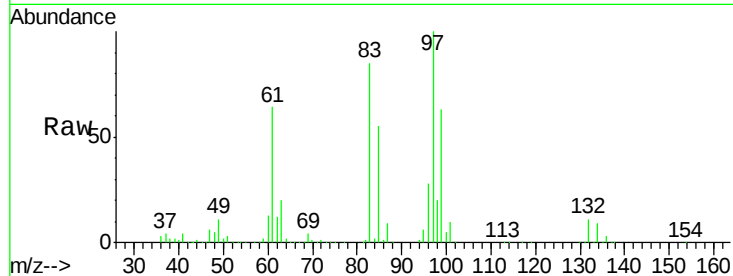




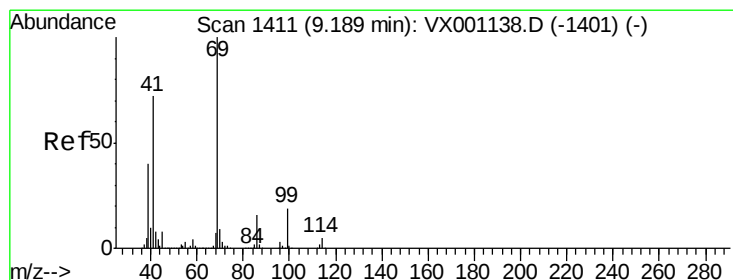
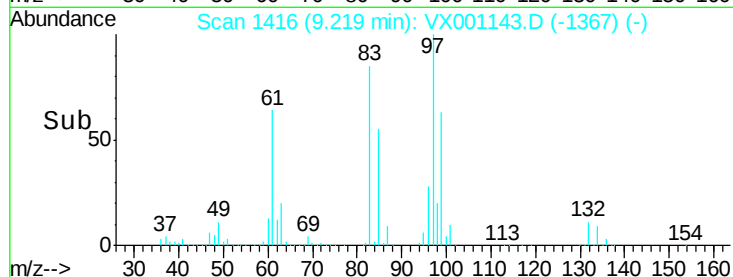
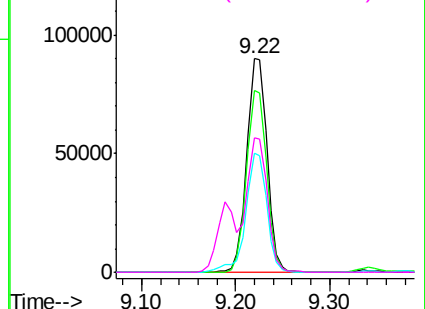
#55
 1,1,2-Trichloroethane
 Concen: 50.19 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	136099
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.0	102.0
85	55.5	42.9	64.3
99	62.7	50.3	75.5

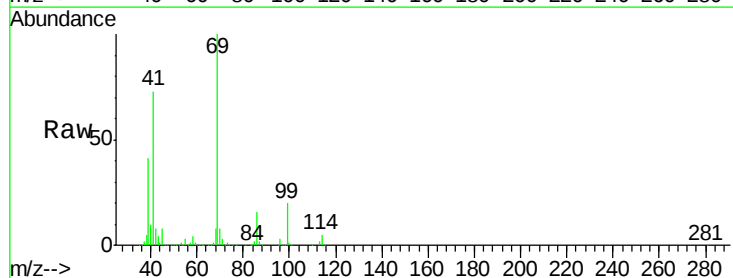


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

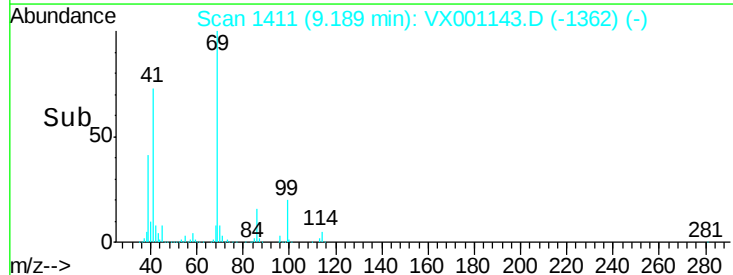
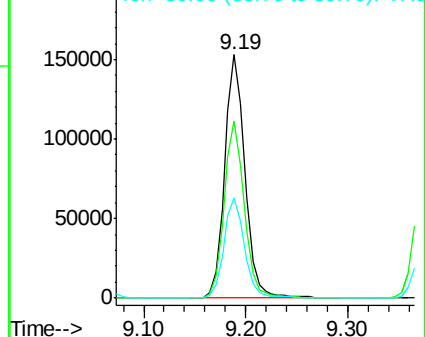


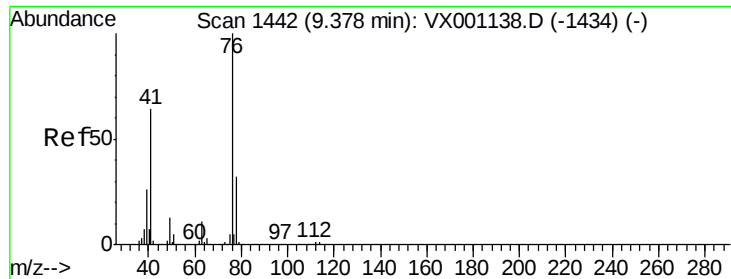
#56
 Ethyl methacrylate
 Concen: 52.64 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:	69	Resp:	211485
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.7	86.5
39	41.6	33.3	49.9



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: 51.01 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

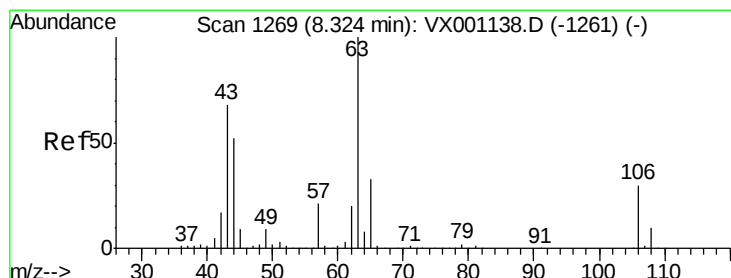
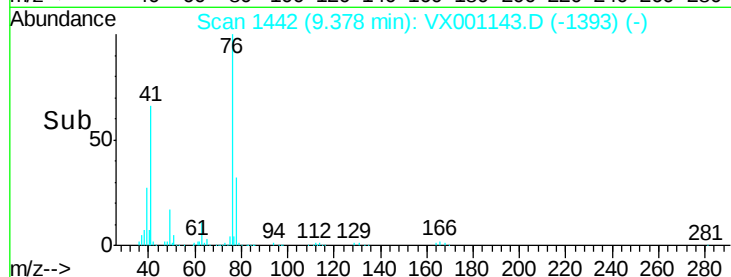
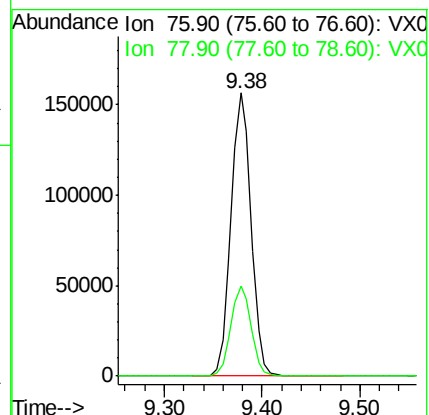
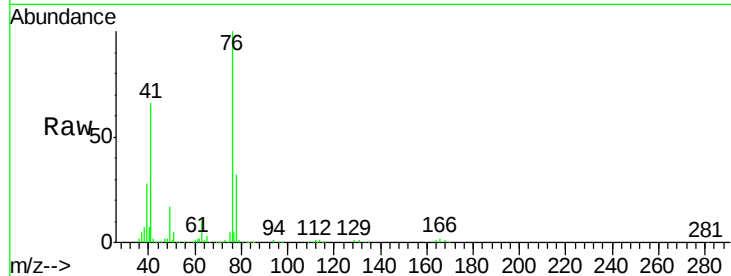
VSTDCCC050

Tgt Ion: 76 Resp: 223749

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 257.64 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001143.D

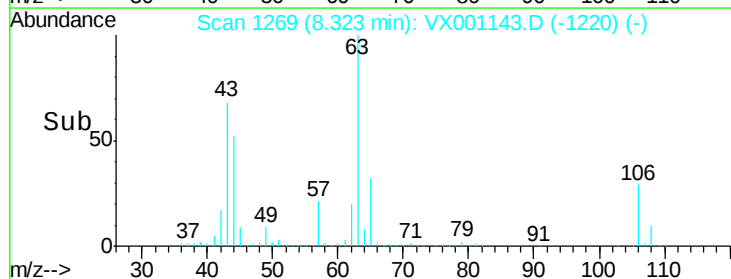
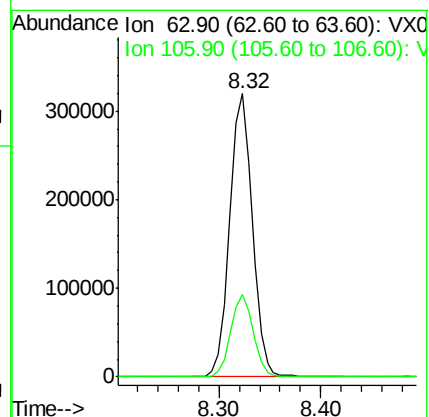
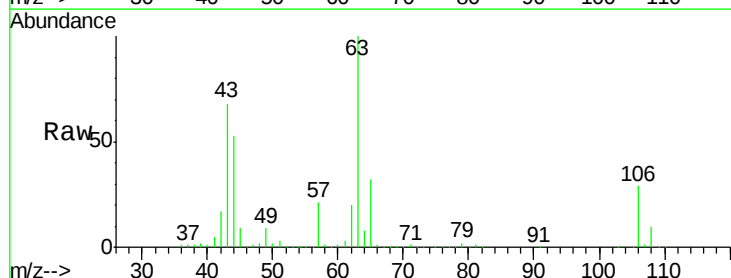
Acq: 26 Apr 2018 22:11

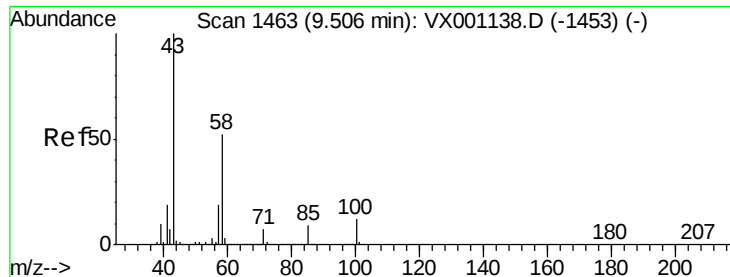
Tgt Ion: 63 Resp: 489353

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5

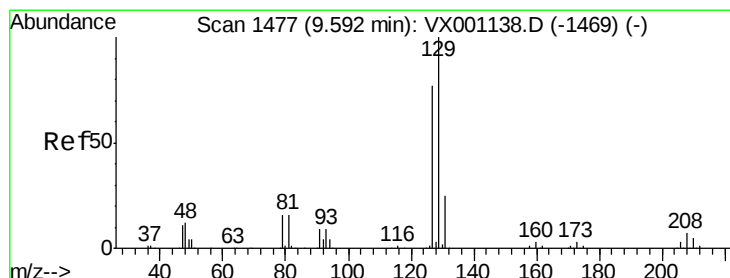
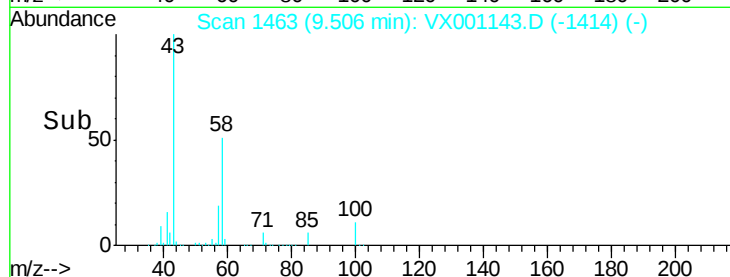
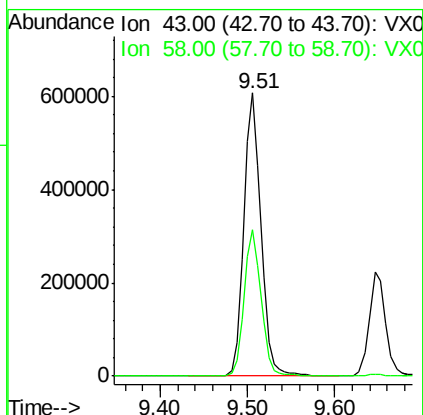
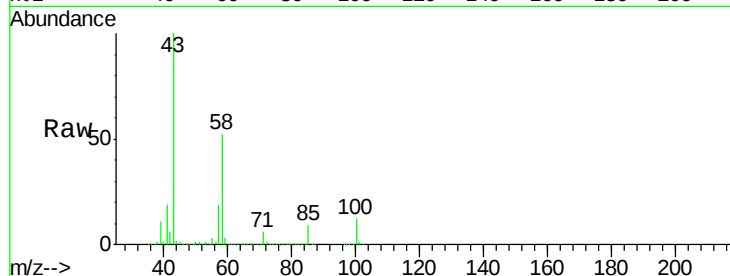




#59
2-Hexanone
Concen: 252.28 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

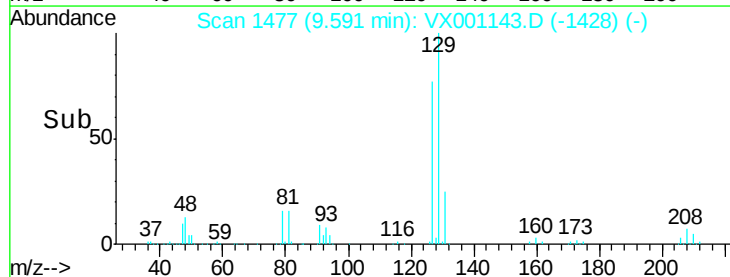
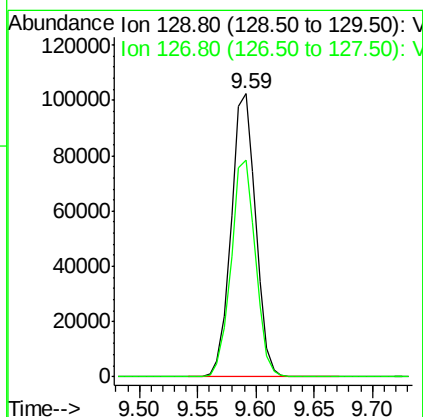
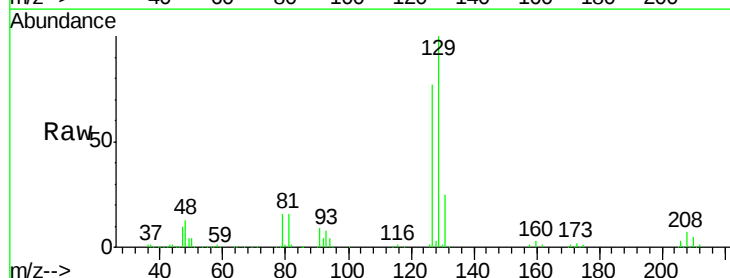
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

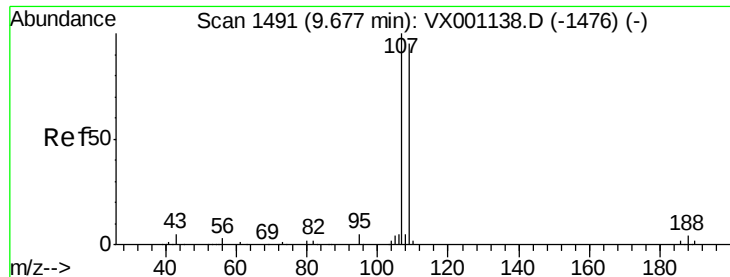
Tgt Ion: 43 Resp: 827392
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.4



#60
Dibromochloromethane
Concen: 47.56 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 129 Resp: 150077
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

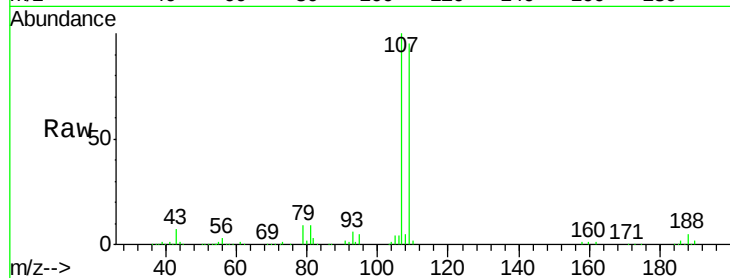
VSTDCCC050

Tgt Ion: 107 Resp: 149310

Ion Ratio Lower Upper

107 100

109 94.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

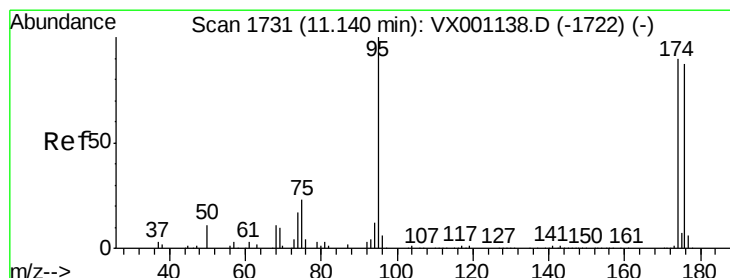
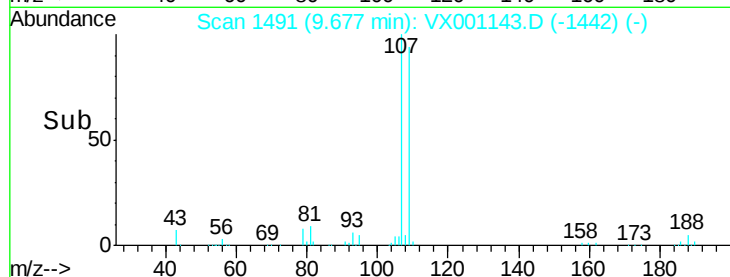
40000

20000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 50.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

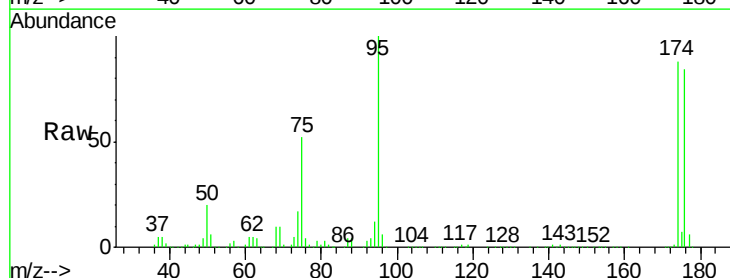
Tgt Ion: 95 Resp: 189676

Ion Ratio Lower Upper

95 100

174 97.5 0.0 194.4

176 94.0 0.0 190.2



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

200000

150000

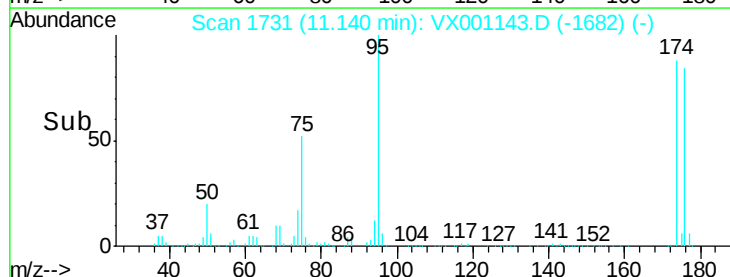
100000

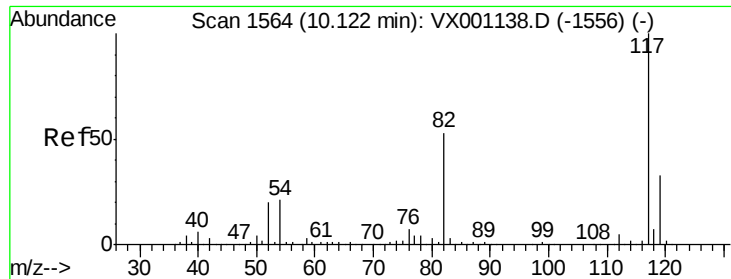
50000

0

11.10 11.20

Time-->

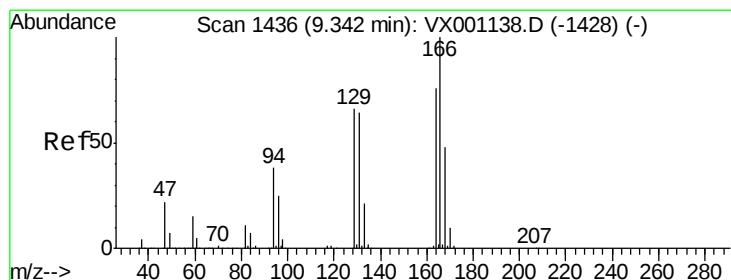
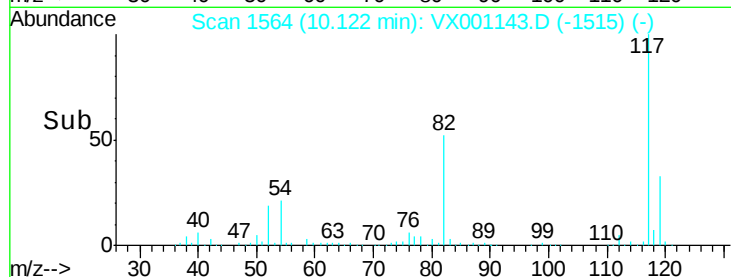
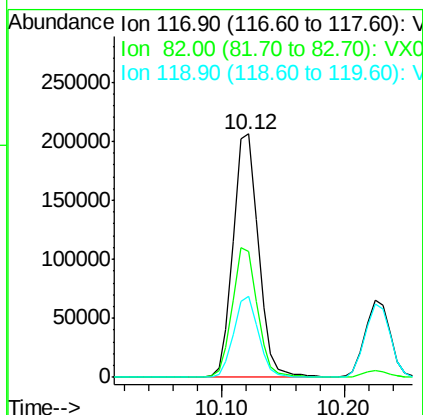
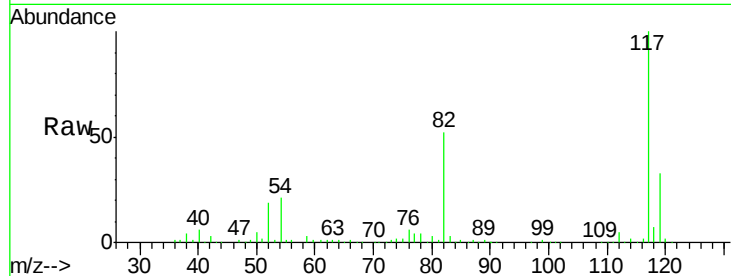




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

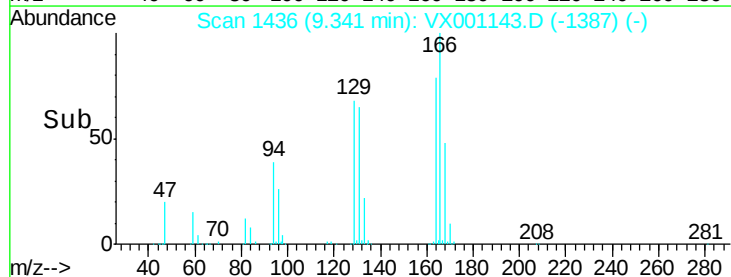
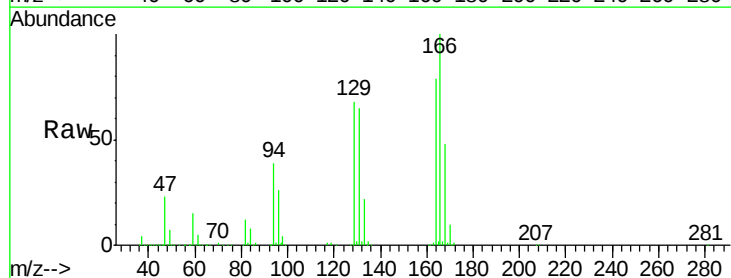
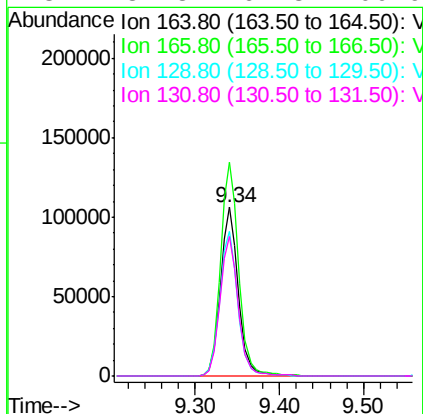
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

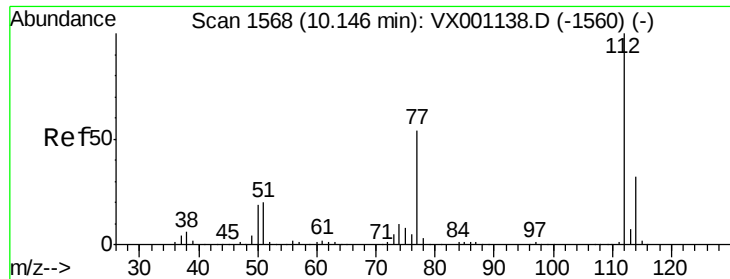
Tgt Ion:117 Resp: 295063
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 33.5 26.1 39.1



#64
Tetrachloroethene
Concen: 48.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:164 Resp: 154307
Ion Ratio Lower Upper
164 100
166 126.5 105.0 157.6
129 86.1 69.4 104.2
131 82.8 67.3 100.9

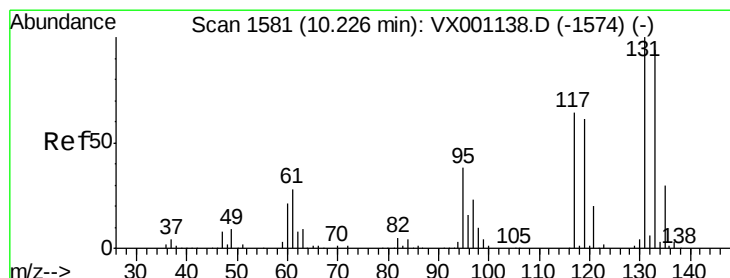
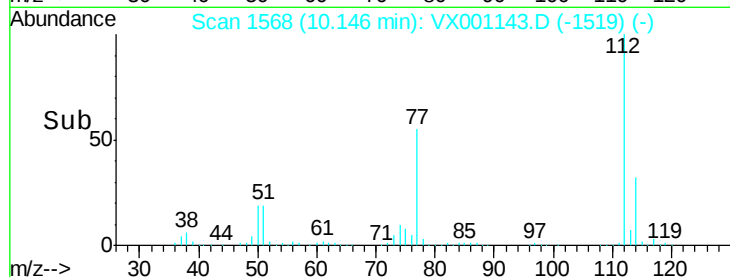
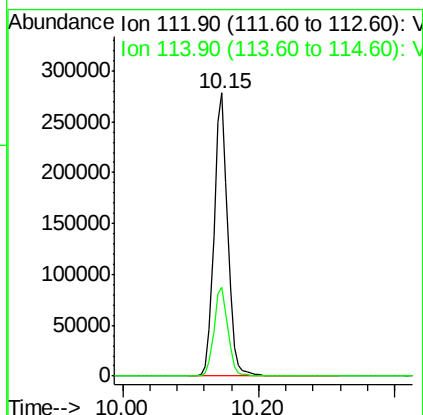
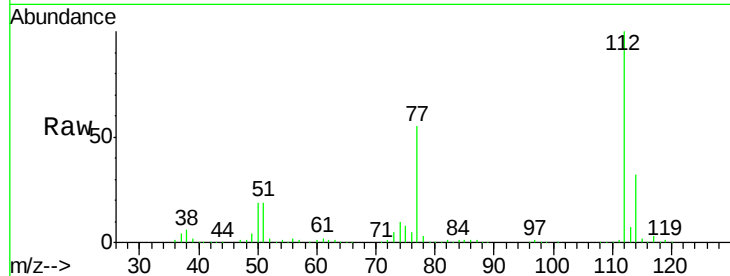




#65
Chlorobenzene
Concen: 49.99 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

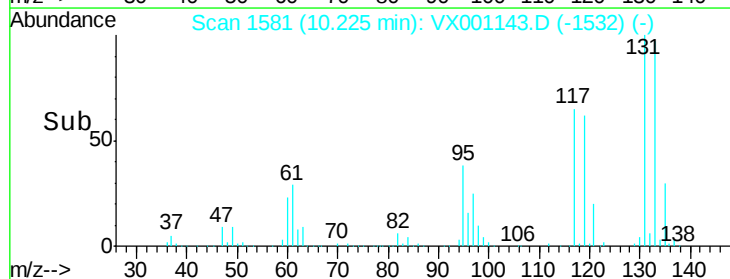
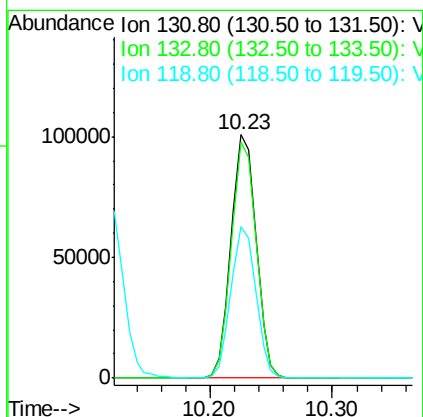
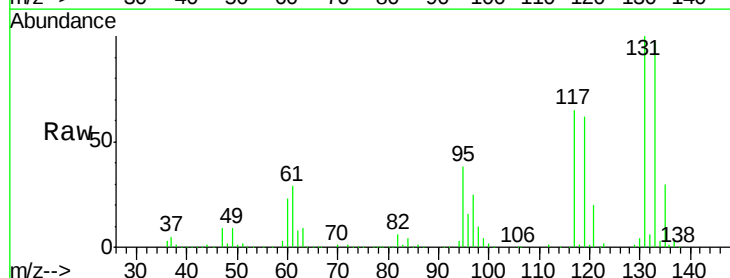
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

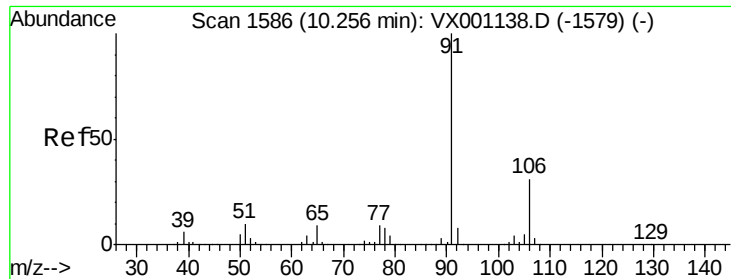
Tgt Ion:112 Resp: 386474
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.47 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:131 Resp: 143016
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 62.1 31.3 93.8





#67

Ethyl Benzene

Concen: 50.95 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

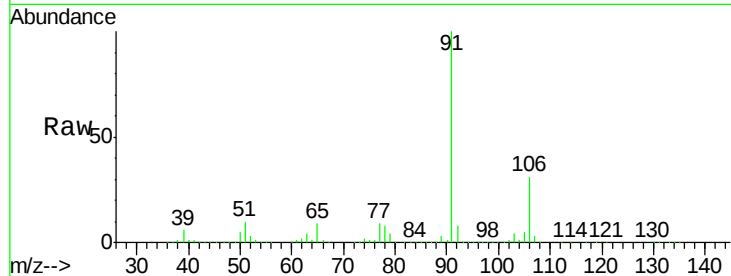
VSTDCCC050

Tgt Ion: 91 Resp: 639985

Ion Ratio Lower Upper

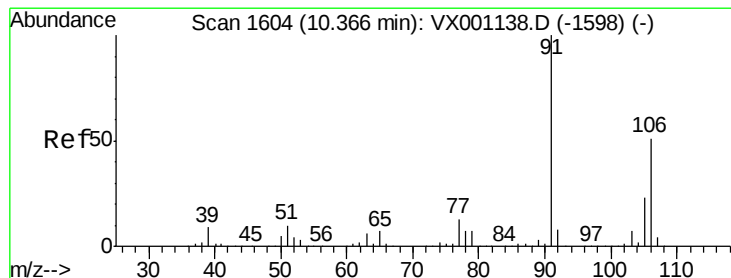
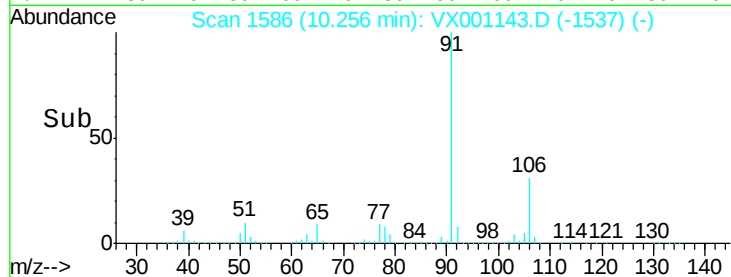
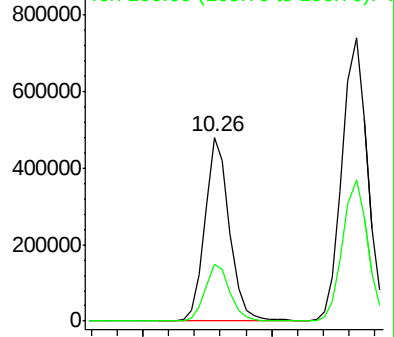
91 100

106 30.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.95 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001143.D

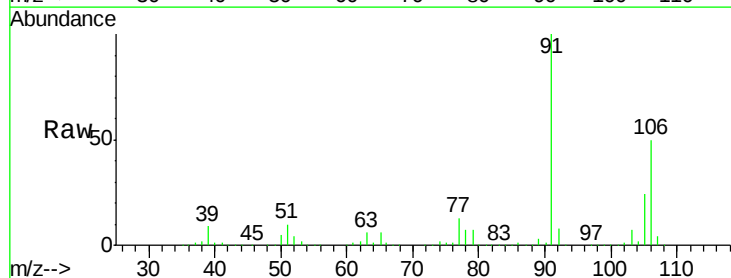
Acq: 26 Apr 2018 22:11

Tgt Ion: 106 Resp: 506237

Ion Ratio Lower Upper

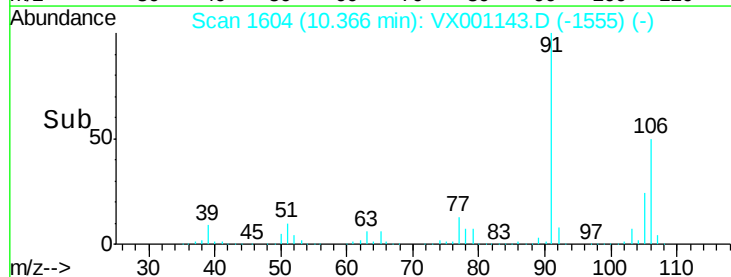
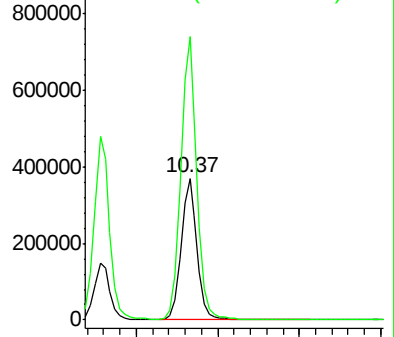
106 100

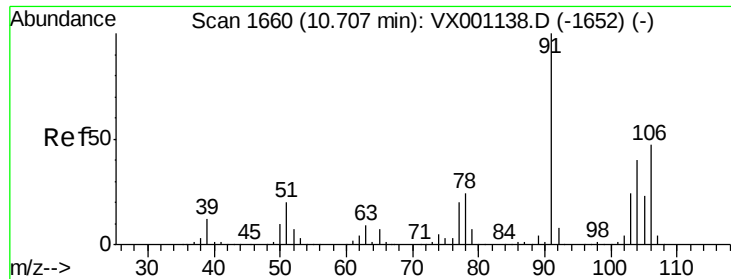
91 201.3 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

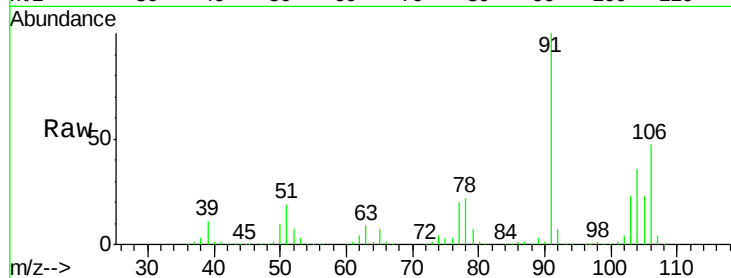




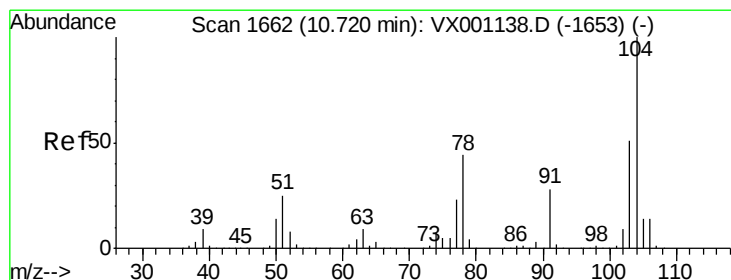
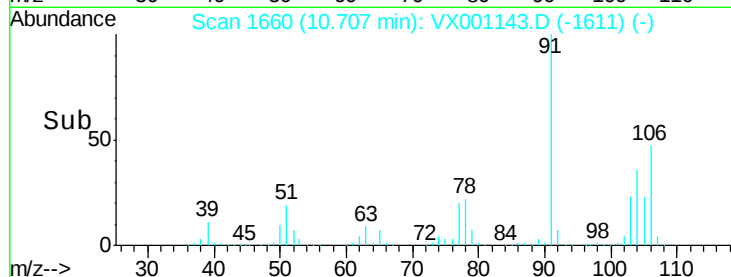
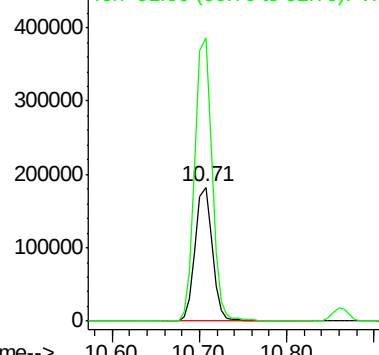
#69
o-Xylene
Concen: 51.60 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 248509
Ion Ratio Lower Upper
106 100
91 211.6 106.2 318.5

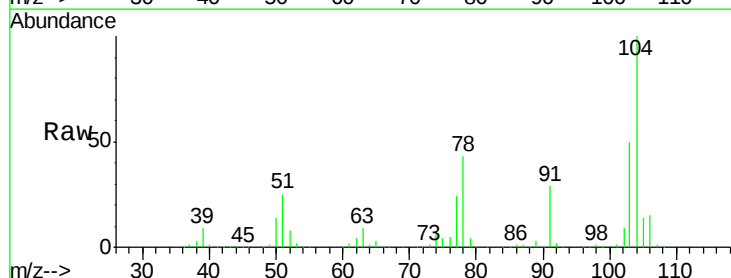


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

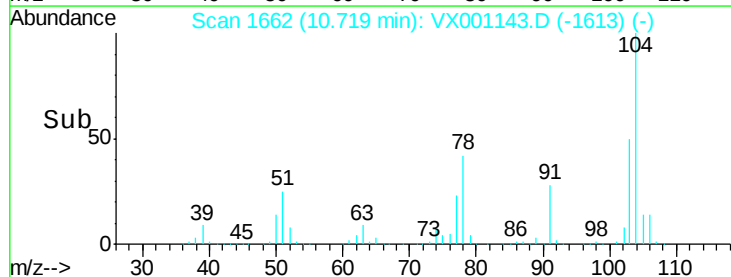
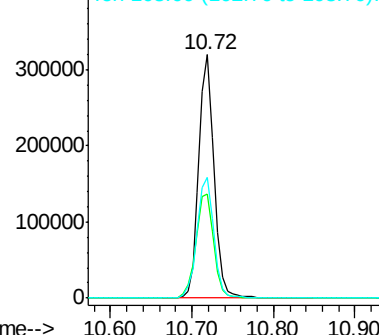


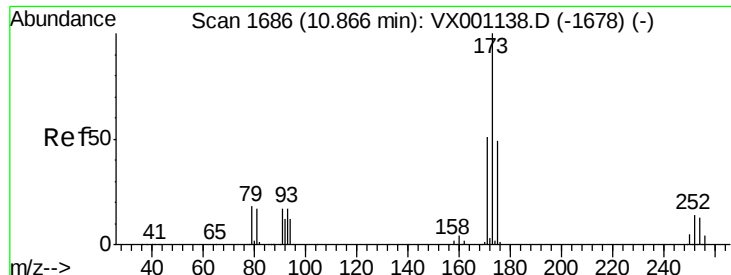
#70
Styrene
Concen: 51.91 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:104 Resp: 416044
Ion Ratio Lower Upper
104 100
78 50.0 40.3 60.5
103 55.1 44.3 66.5



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: 45.17 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

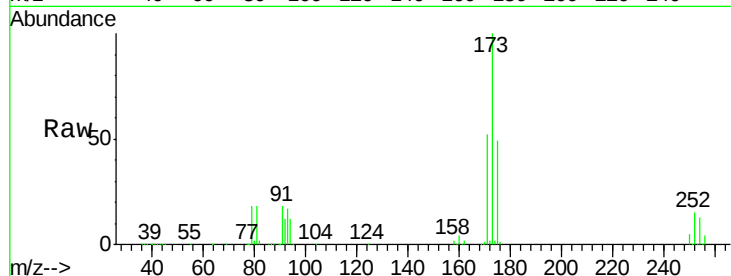
Tgt Ion:173 Resp: 125604

Ion Ratio Lower Upper

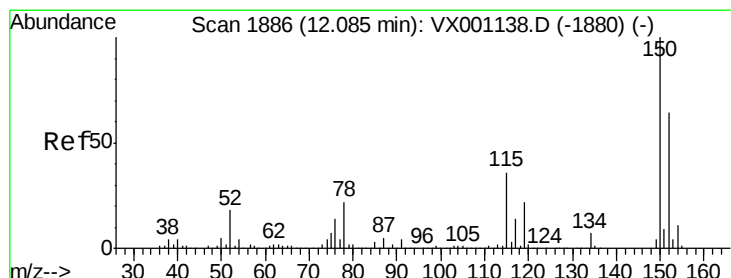
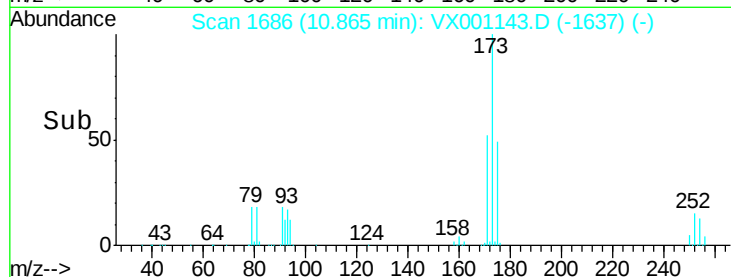
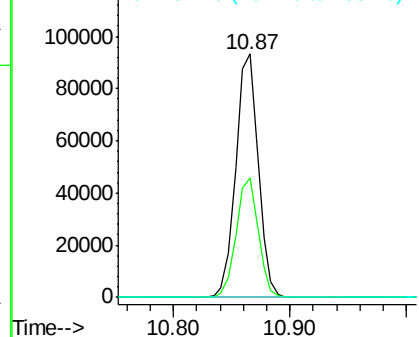
173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

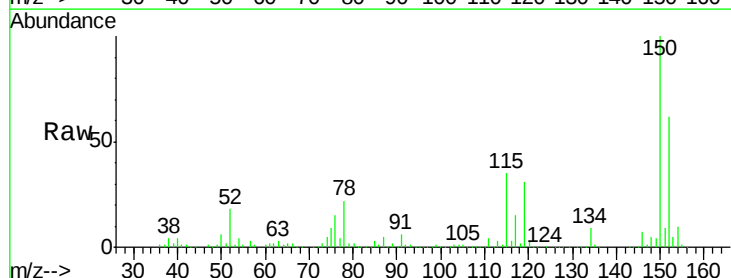
Tgt Ion:152 Resp: 198689

Ion Ratio Lower Upper

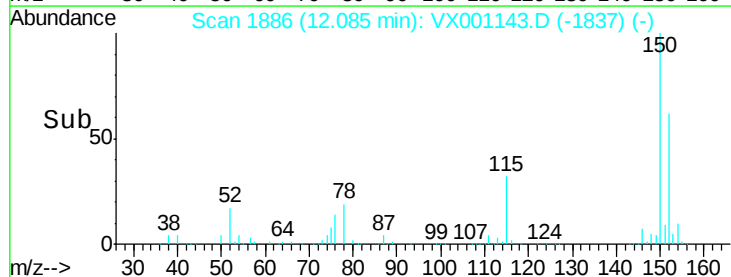
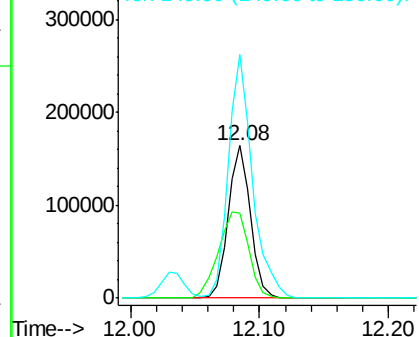
152 100

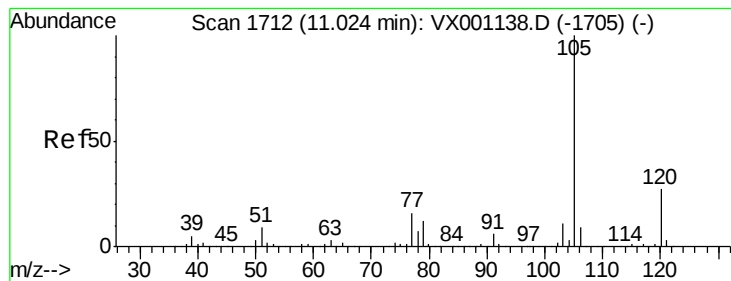
115 77.3 38.0 114.0

150 174.4 0.0 349.6



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: 50.54 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

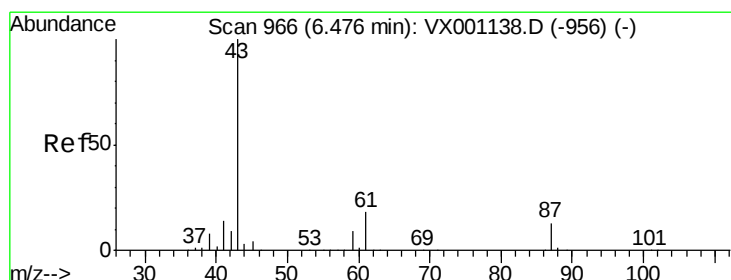
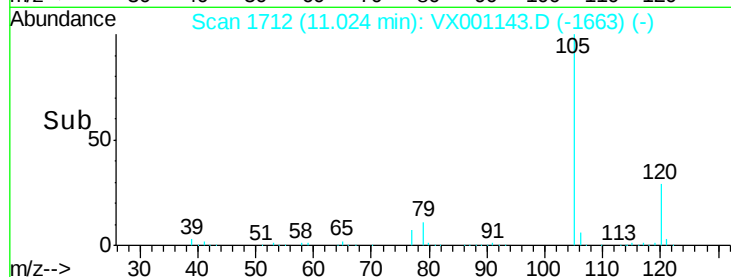
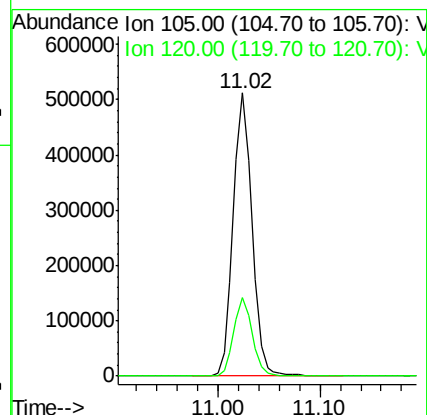
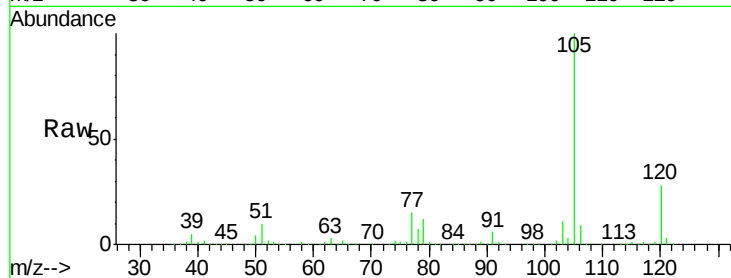
VSTDCCC050

Tgt Ion:105 Resp: 654478

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 50.16 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Tgt Ion: 43 Resp: 327333

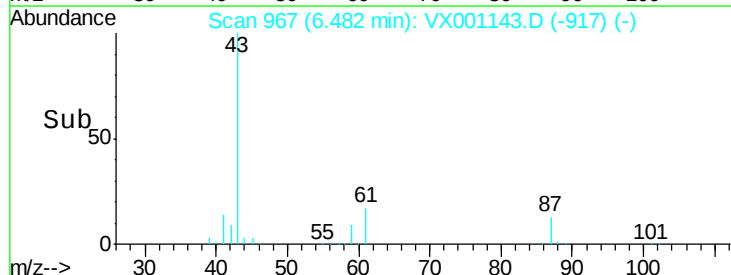
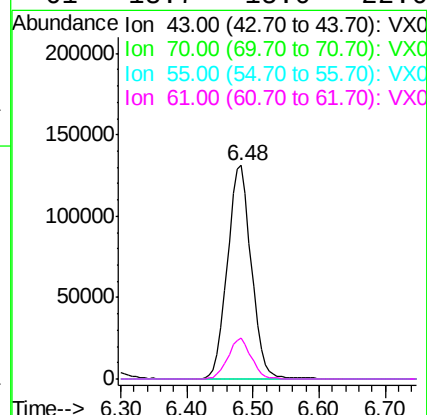
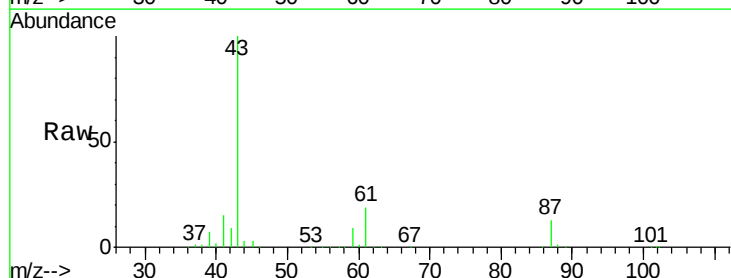
Ion Ratio Lower Upper

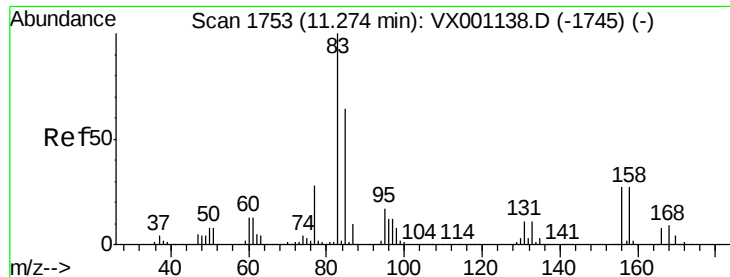
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 15.0 22.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

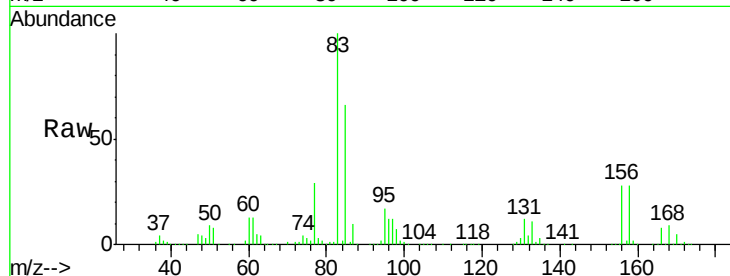
Tgt Ion: 83 Resp: 214251

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

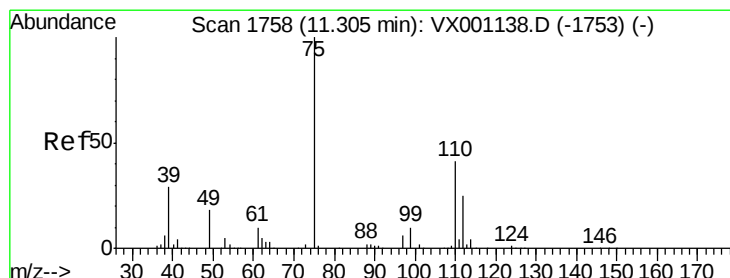
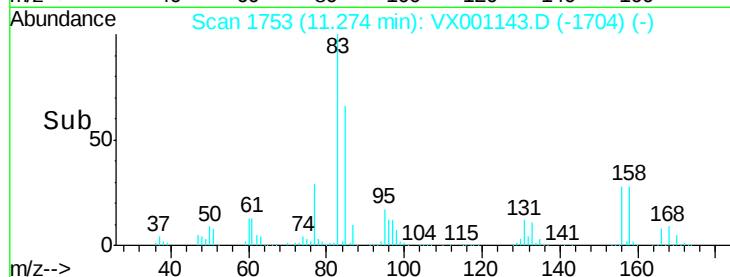
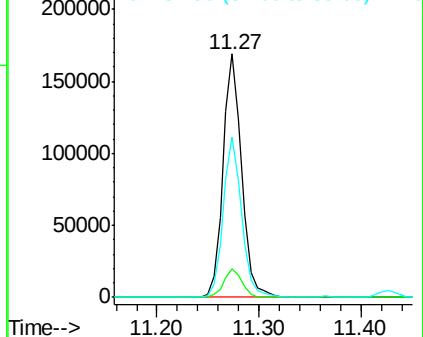
85 65.1 32.1 96.3



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: 60.13 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001143.D

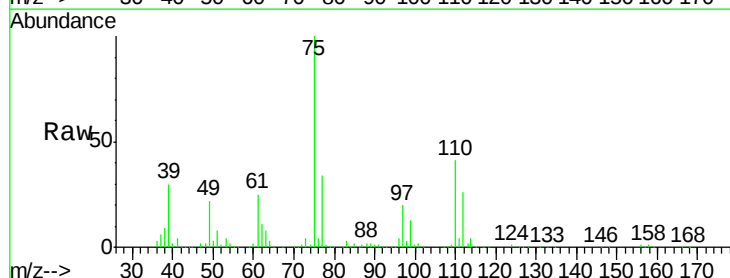
Acq: 26 Apr 2018 22:11

Tgt Ion: 75 Resp: 243275

Ion Ratio Lower Upper

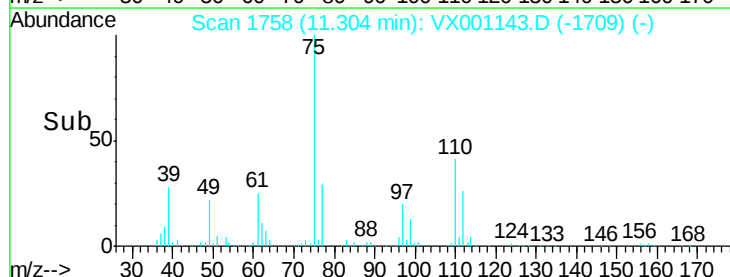
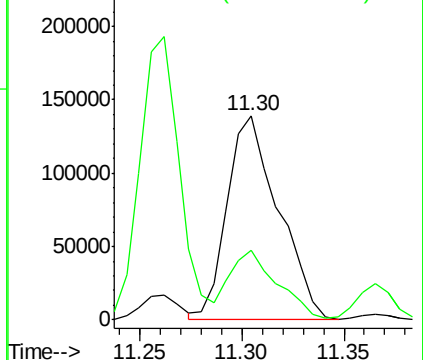
75 100

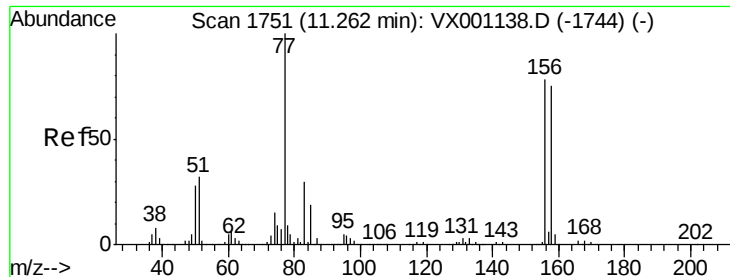
77 31.7 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.23 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

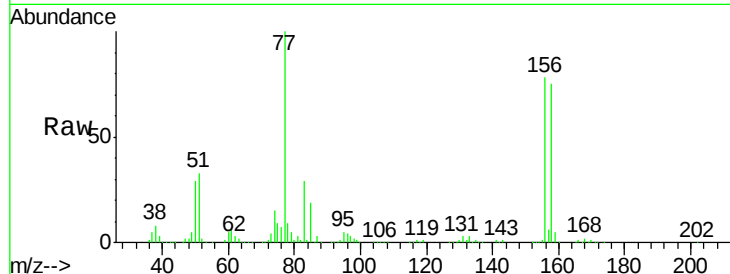
Tgt Ion:156 Resp: 192917

Ion Ratio Lower Upper

156 100

77 135.1 67.8 203.2

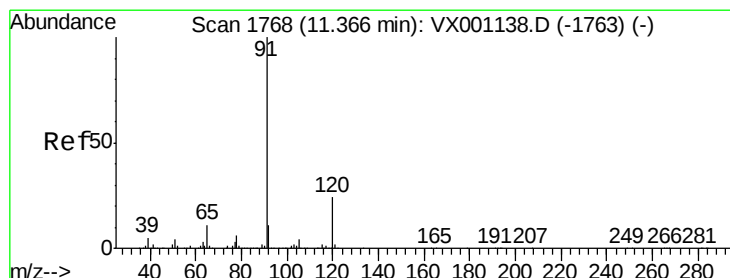
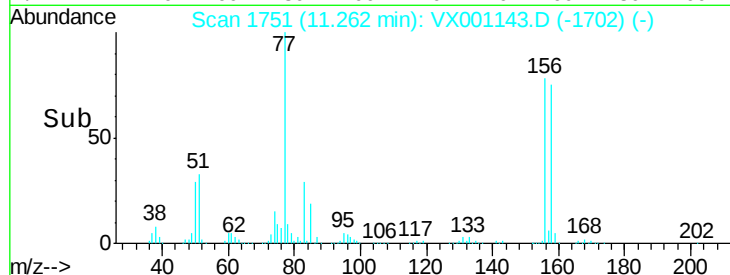
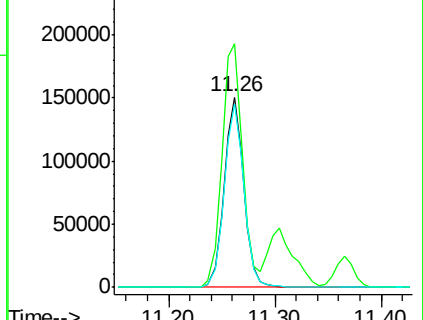
158 97.3 48.9 146.7



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: 51.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001143.D

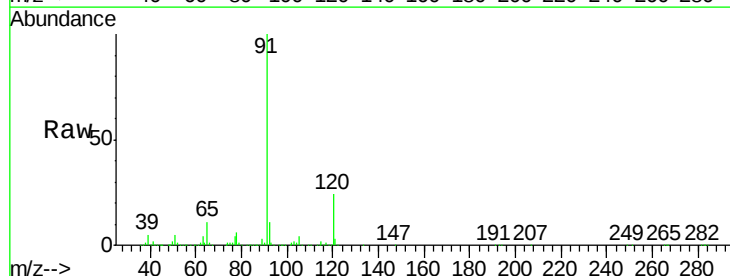
Acq: 26 Apr 2018 22:11

Tgt Ion: 91 Resp: 741781

Ion Ratio Lower Upper

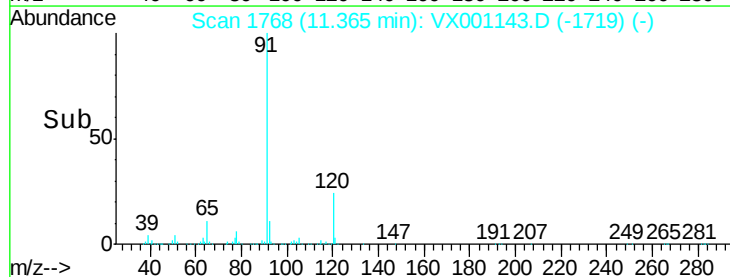
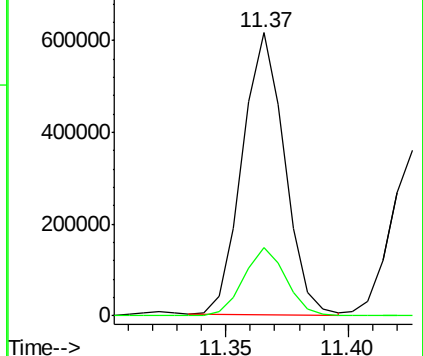
91 100

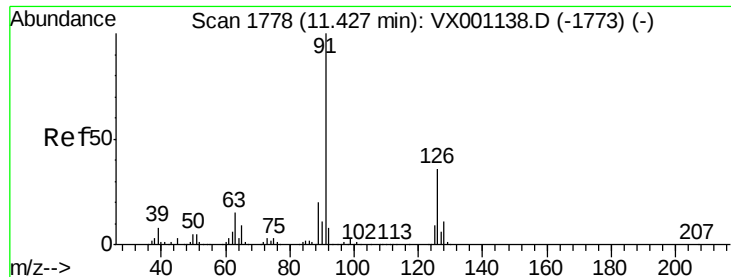
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

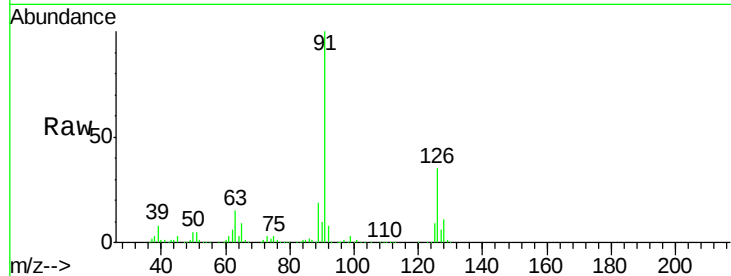
VSTDCCC050

Tgt Ion: 91 Resp: 450203

Ion Ratio Lower Upper

91 100

126 36.2 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX001138.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001138.D (-1773) (-)

600000

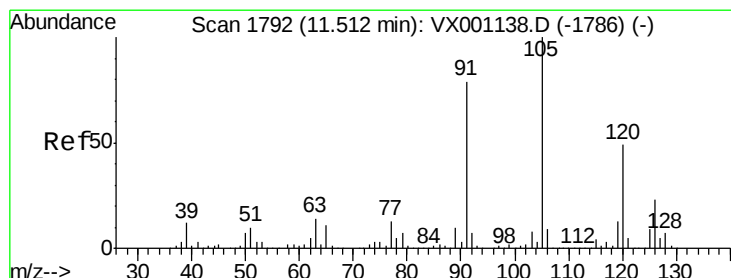
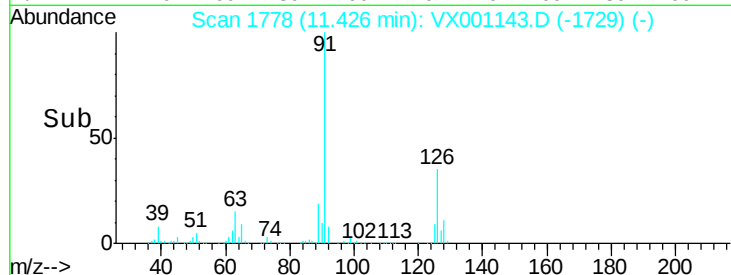
400000

200000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.48 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001143.D

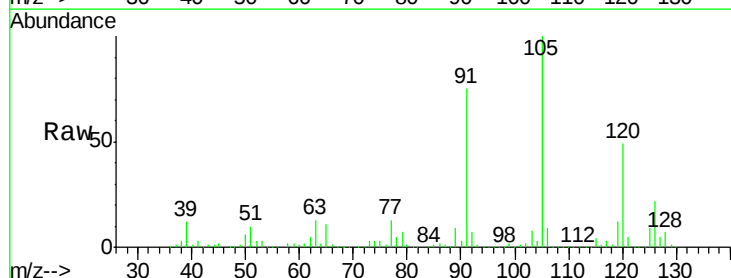
Acq: 26 Apr 2018 22:11

Tgt Ion: 105 Resp: 564455

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001138.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001138.D (-1786) (-)

500000

400000

300000

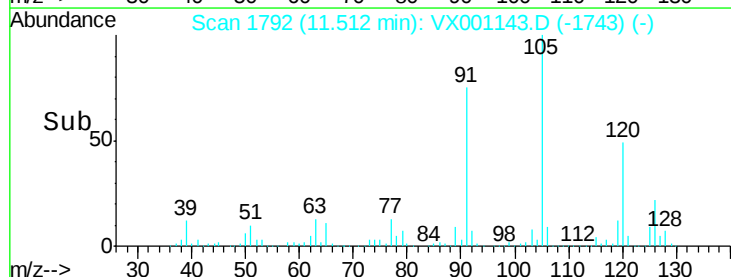
200000

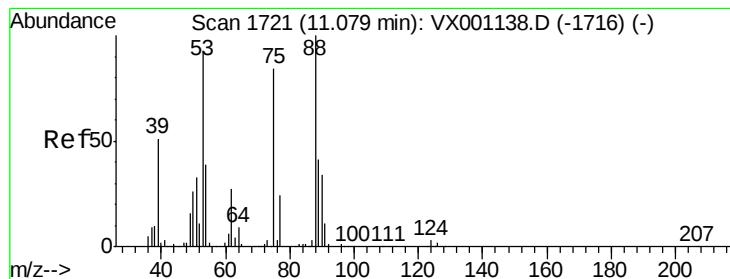
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001143.D

Acq: 26 Apr 2018 22:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

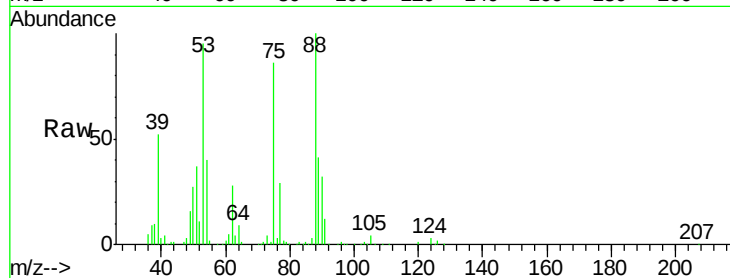
Tgt Ion: 75 Resp: 54862

Ion Ratio Lower Upper

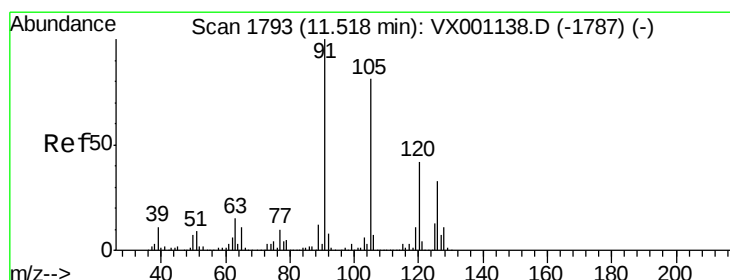
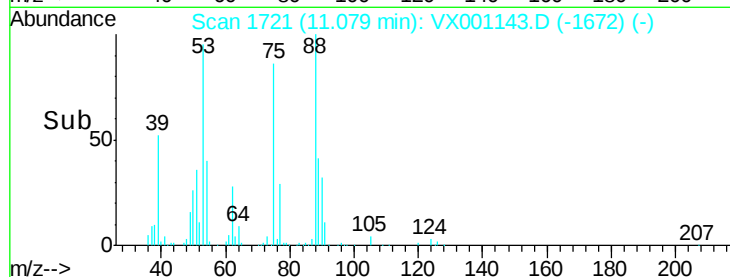
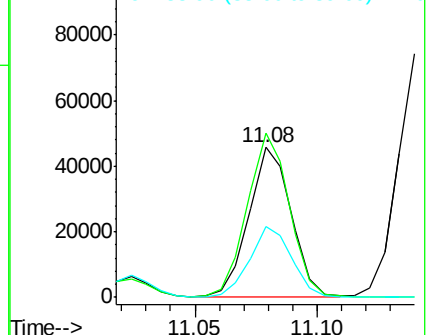
75 100

53 109.5 87.9 131.9

89 47.5 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001143.D

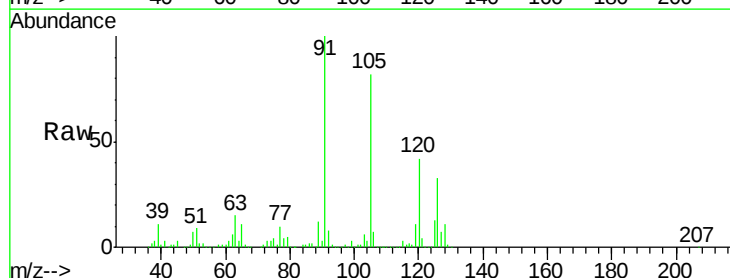
Acq: 26 Apr 2018 22:11

Tgt Ion: 91 Resp: 538921

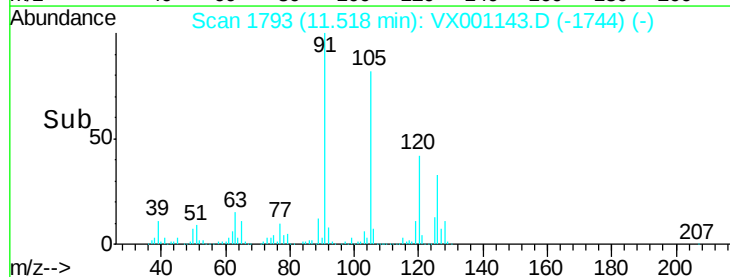
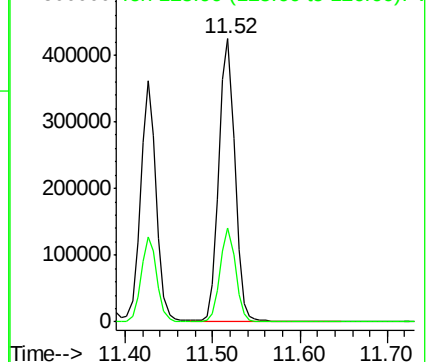
Ion Ratio Lower Upper

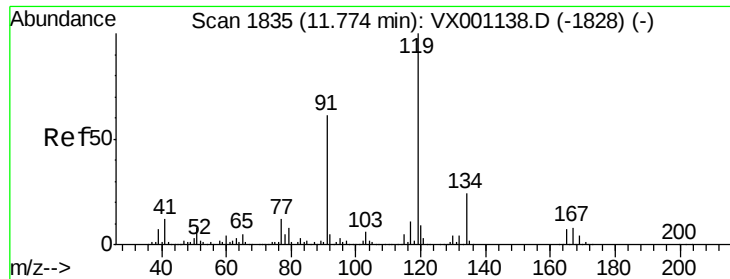
91 100

126 31.8 15.8 47.4



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

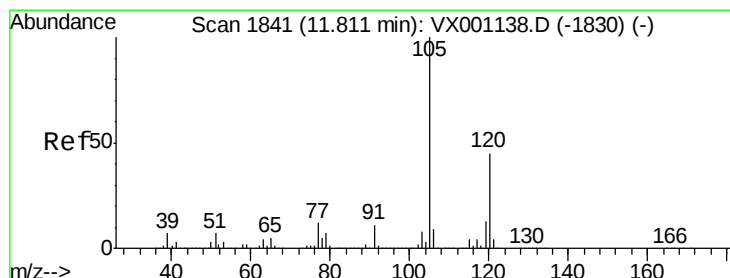
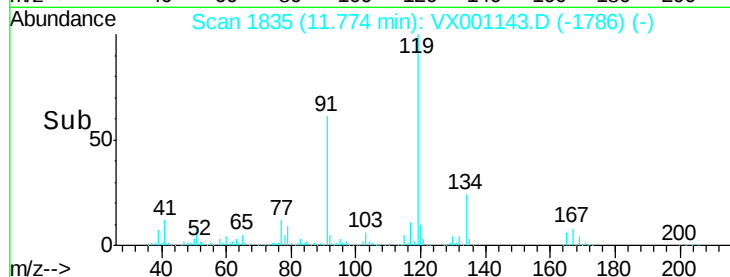
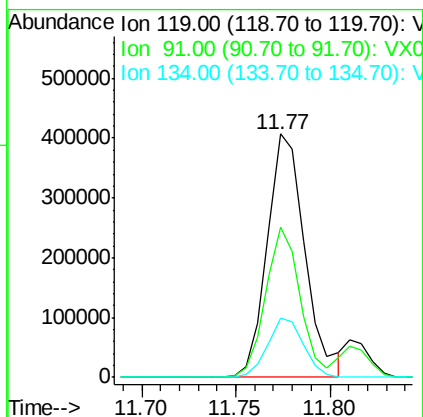
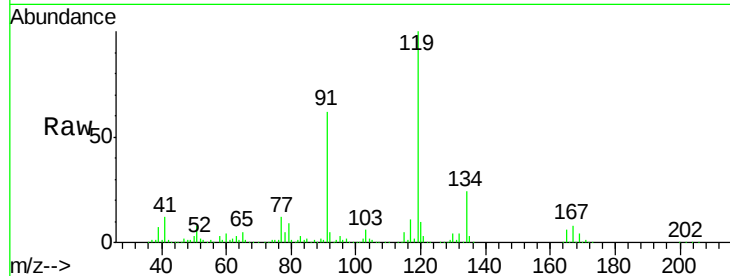




#83
 tert-Butylbenzene
 Concen: 51.74 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

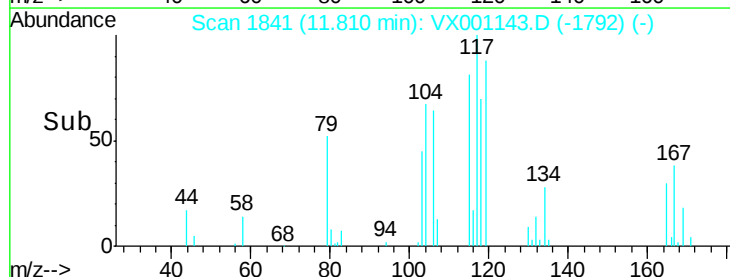
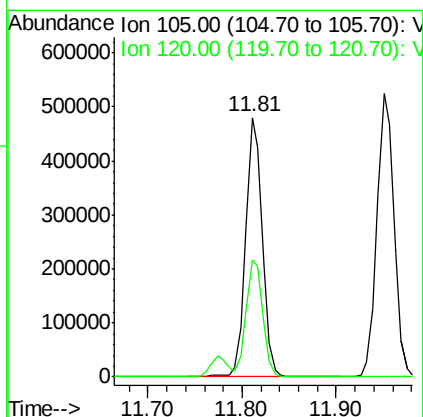
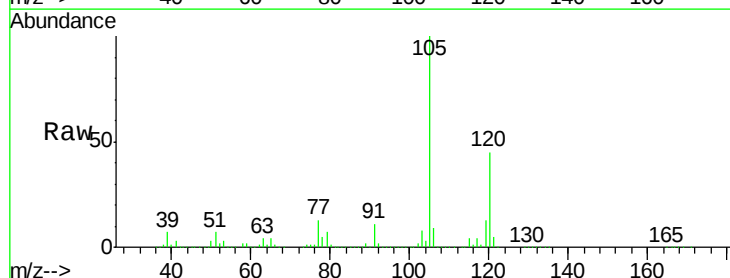
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

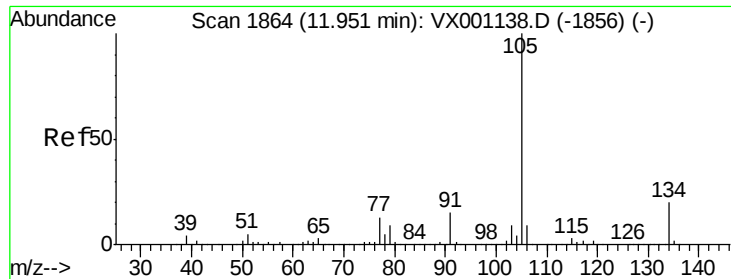
Tgt Ion:119 Resp: 566185
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.6 82.8
 134 23.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.81 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:105 Resp: 583861
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3

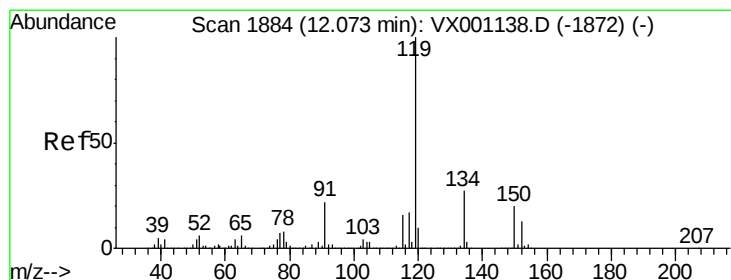
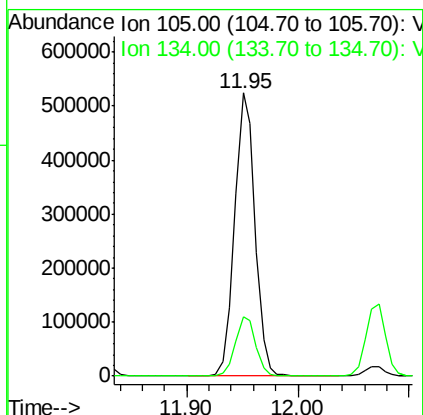
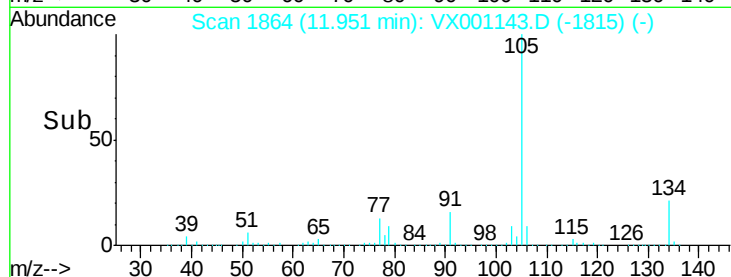
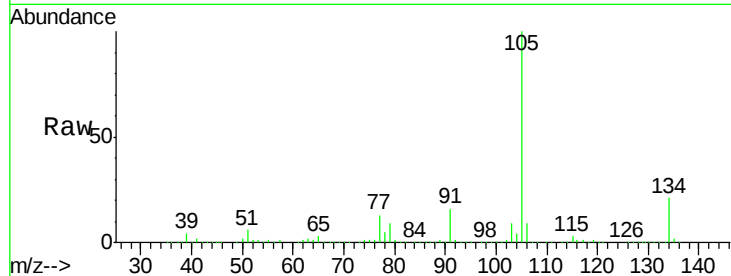




#85
 sec-Butylbenzene
 Concen: 51.74 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

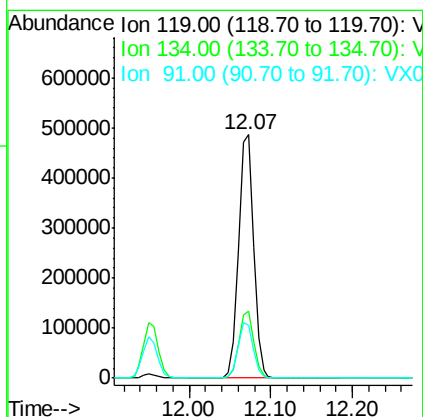
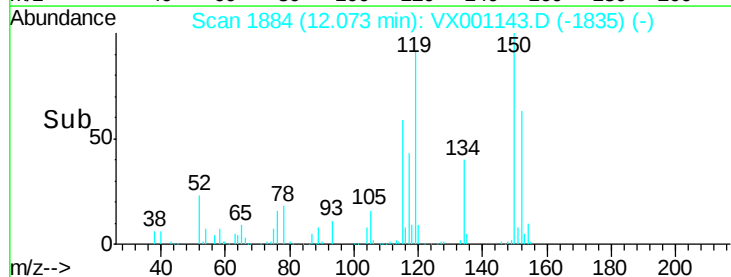
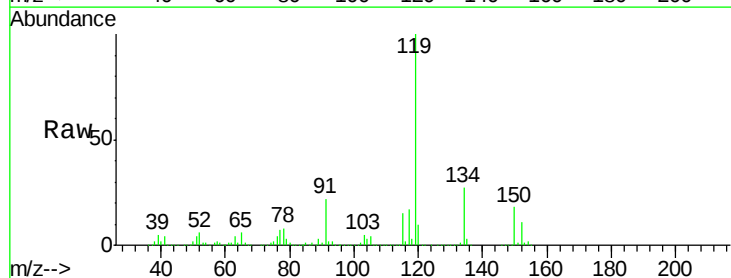
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

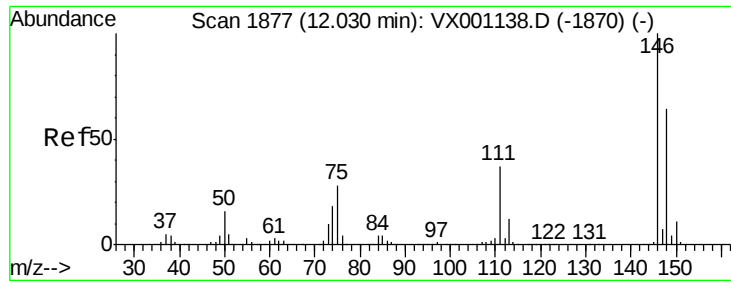
Tgt Ion:105 Resp: 661362
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 51.15 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:119 Resp: 608209
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.9 11.6 34.8

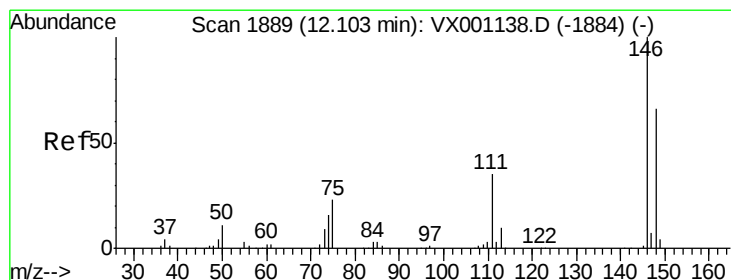
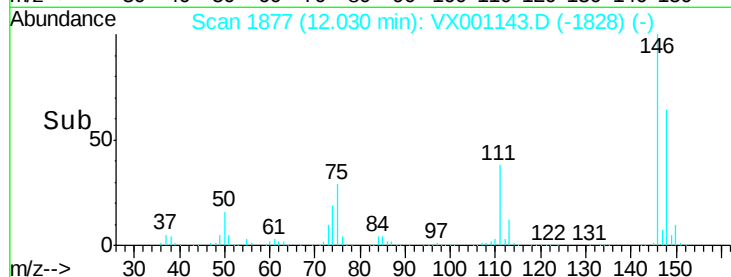
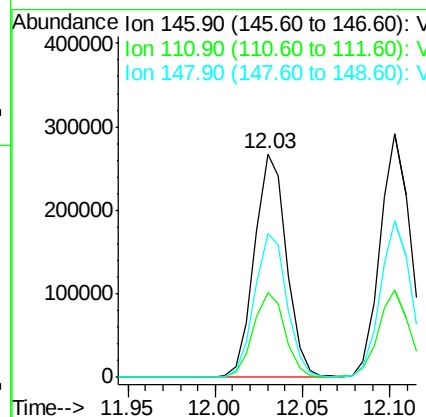
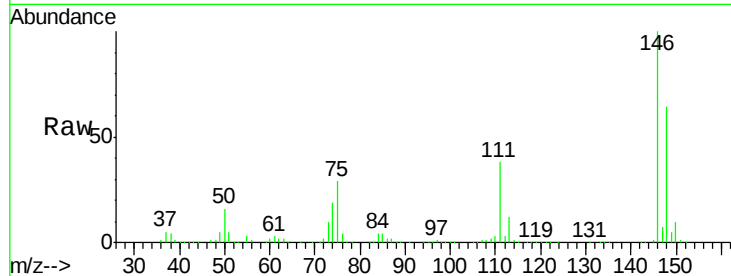




#87
 1,3-Dichlorobenzene
 Concen: 49.57 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

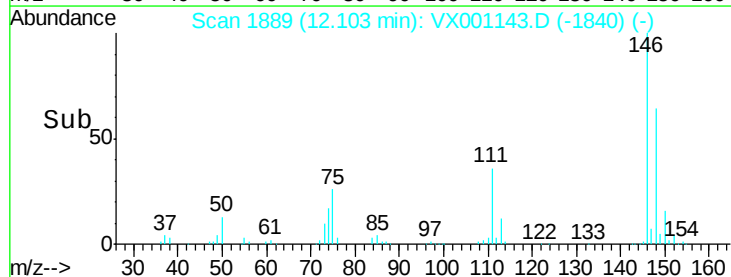
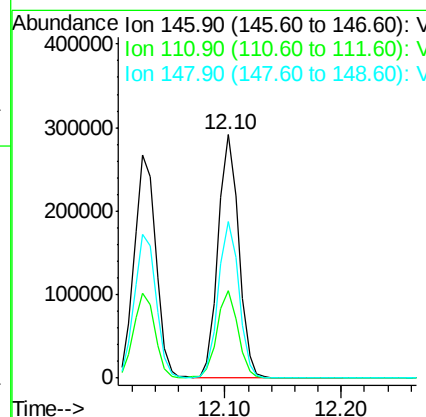
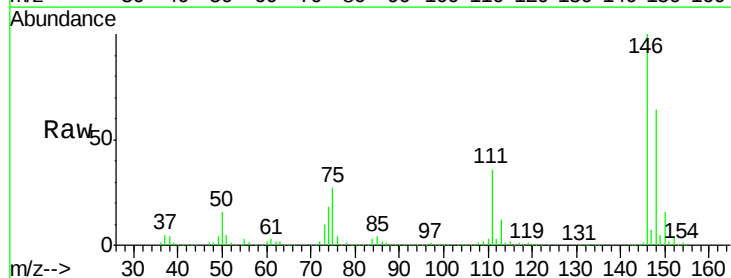
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

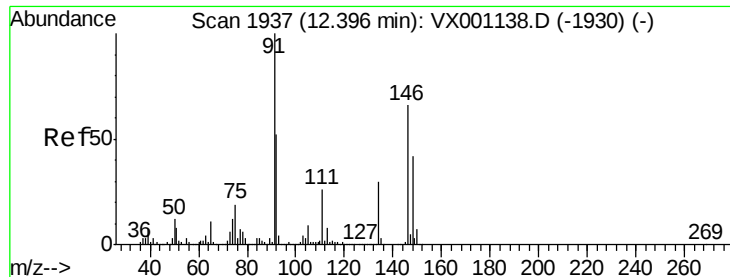
Tgt Ion:146 Resp: 341784
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 56.0
 148 64.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.39 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:146 Resp: 354775
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.0 54.0
 148 64.6 32.5 97.5

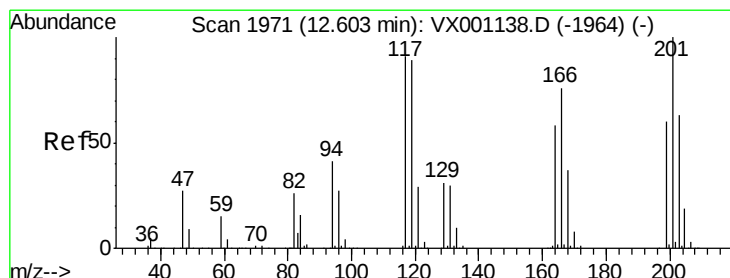
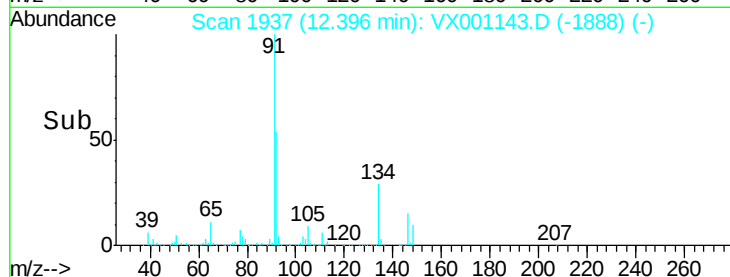
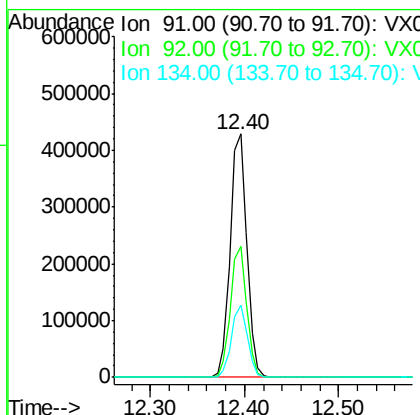
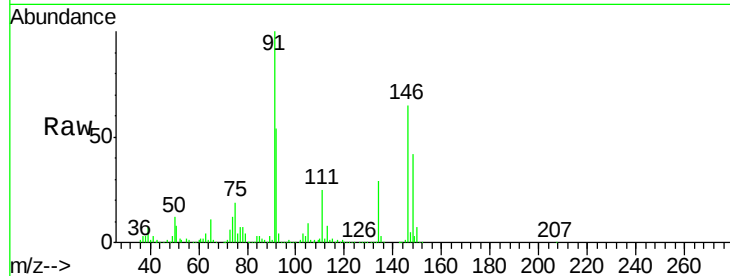




#89
n-Butylbenzene
Concen: 51.07 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

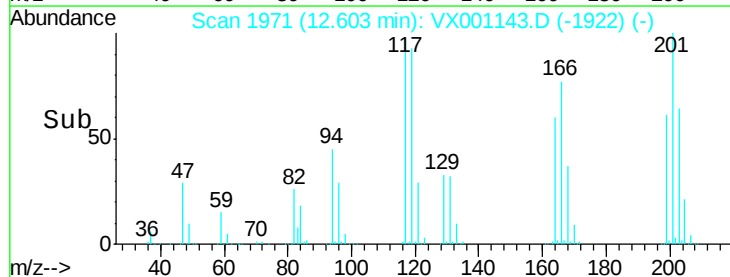
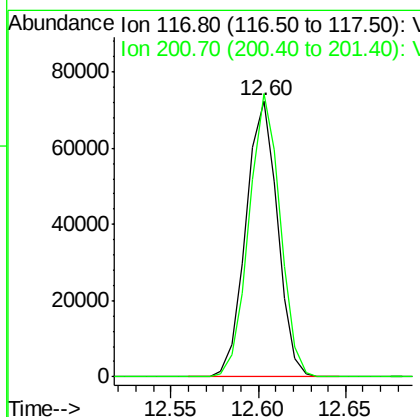
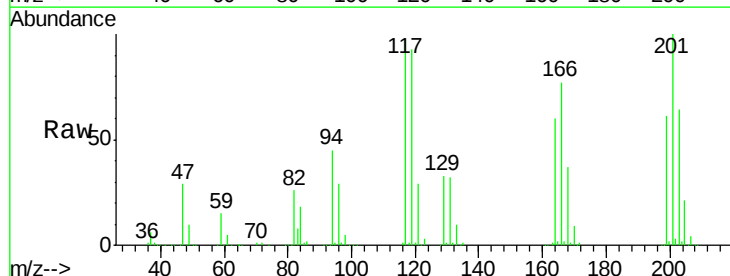
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 525532
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 28.4 14.1 42.3



#90
Hexachloroethane
Concen: 47.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion: 117 Resp: 91313
Ion Ratio Lower Upper
117 100
201 101.4 51.8 155.4

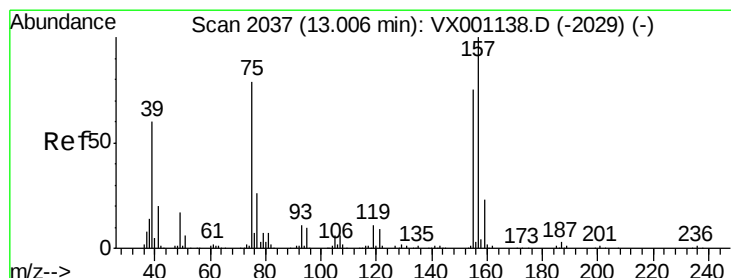
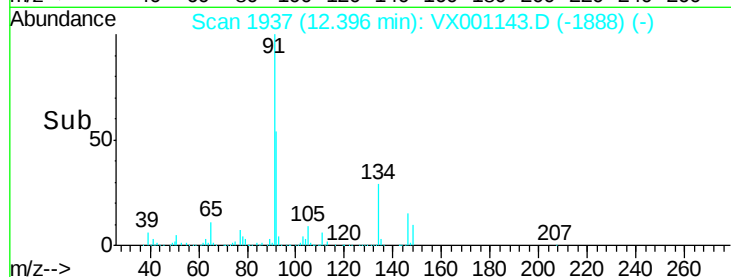
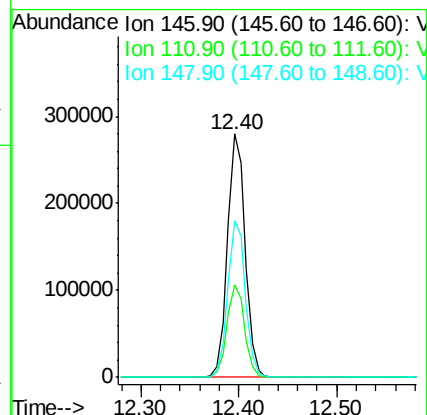
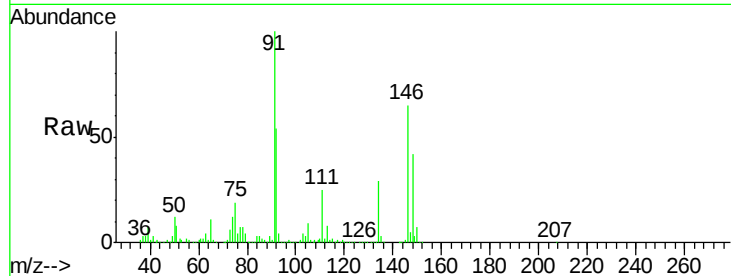




#91
 1,2-Dichlorobenzene
 Concen: 50.27 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

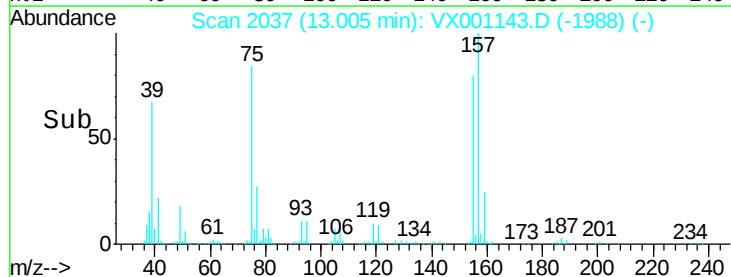
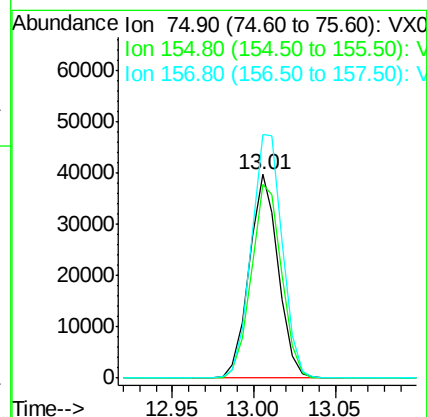
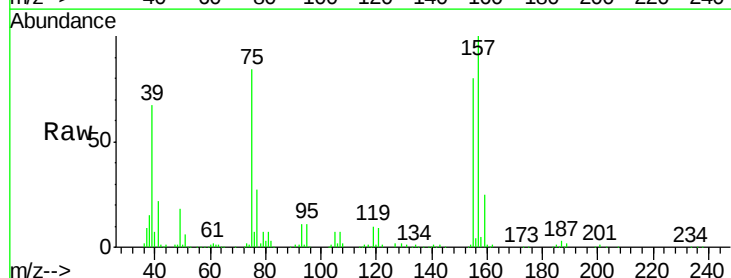
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

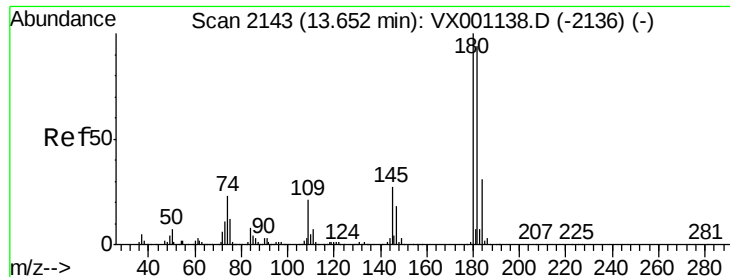
Tgt Ion: 146 Resp: 350323
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.3
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.82 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion: 75 Resp: 49141
 Ion Ratio Lower Upper
 75 100
 155 99.0 48.4 145.3
 157 127.6 62.7 188.1

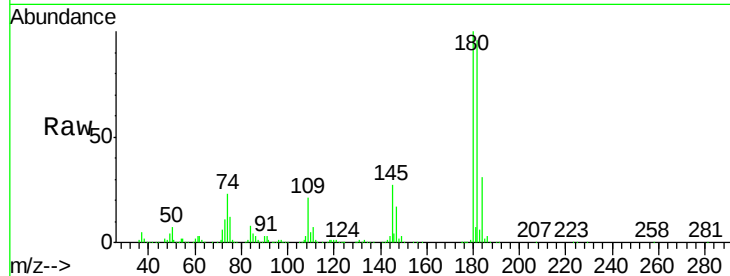




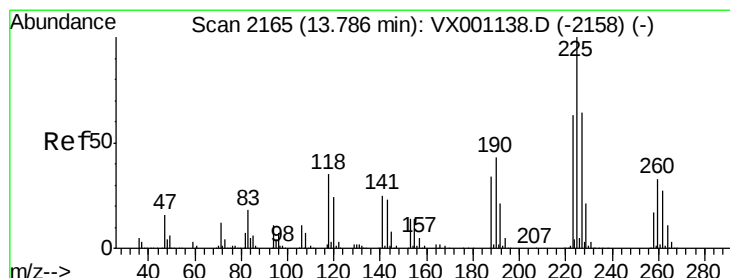
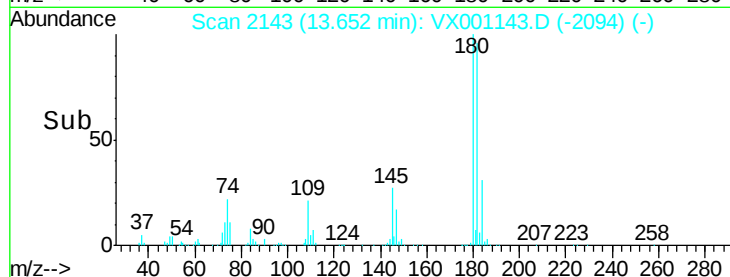
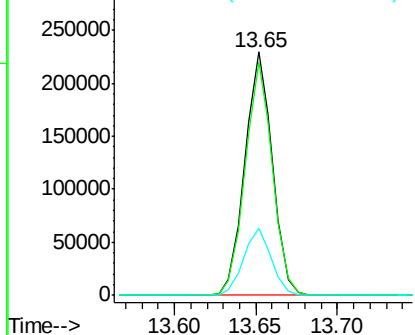
#93
 1,2,4-Trichlorobenzene
 Concen: 49.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 269118
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 27.7 13.8 41.4

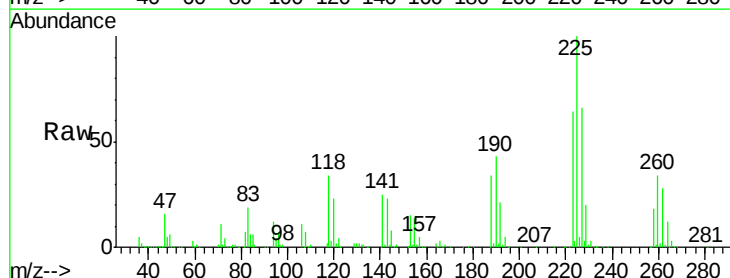


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

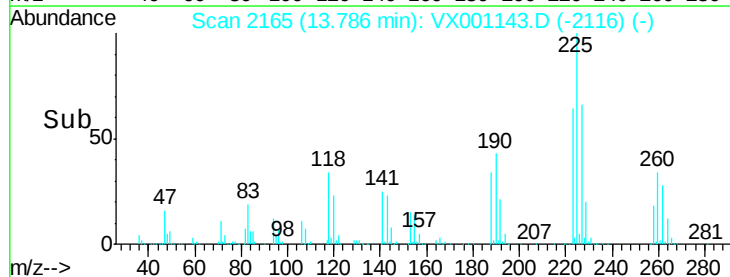
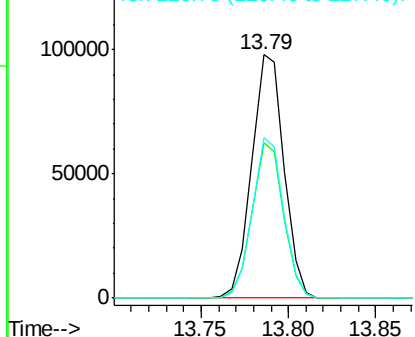


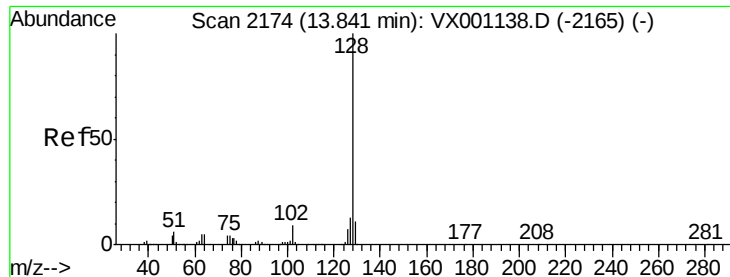
#94
 Hexachlorobutadiene
 Concen: 48.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001143.D
 Acq: 26 Apr 2018 22:11

Tgt Ion:225 Resp: 125284
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.9
 227 64.1 32.2 96.6



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

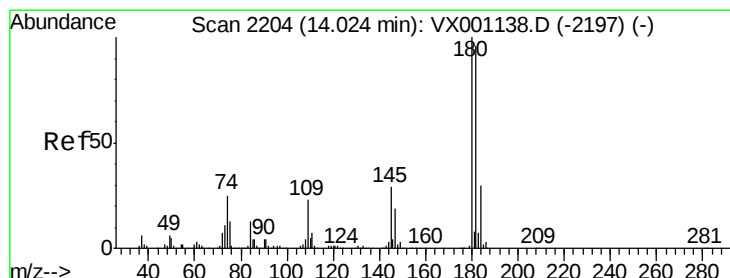
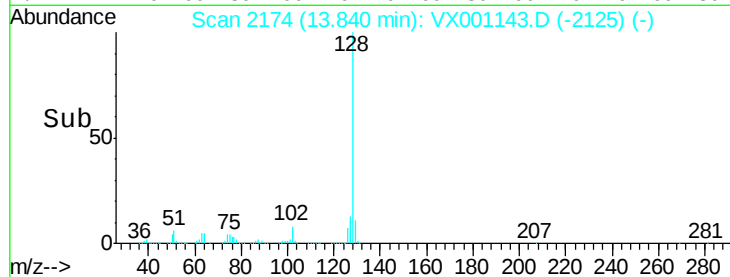
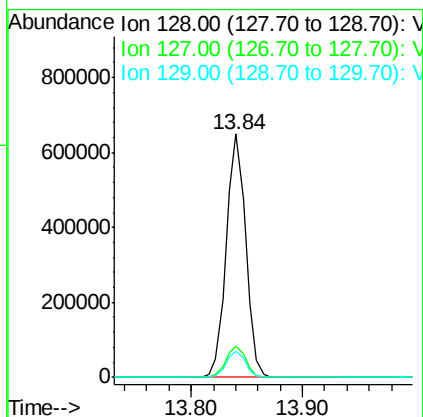
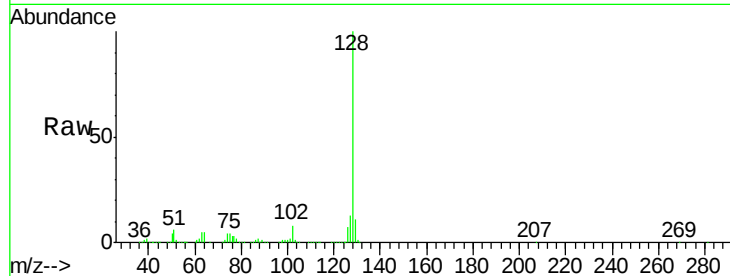




#95
Naphthalene
Concen: 51.52 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 784219
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.62 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001143.D
Acq: 26 Apr 2018 22:11

Tgt Ion:180 Resp: 269716
Ion Ratio Lower Upper
180 100
182 96.7 48.2 144.6
145 29.6 14.5 43.5

