

Data File : VX001229.D

Acq On : 28 Apr 2018 22:20

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 30 01:38:18 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	195330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	129269	42.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.38%	
35) Dibromofluoromethane	5.51	113	107006	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.72	98	404955	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	156738	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94997	46.37	ug/l	97
3) Chloromethane	1.32	50	92325	43.04	ug/l	98
4) Vinyl Chloride	1.40	62	107130	47.07	ug/l	99
5) Bromomethane	1.64	94	76659	55.30	ug/l	99
6) Chloroethane	1.72	64	69309	48.38	ug/l	98
7) Trichlorofluoromethane	1.93	101	188219	51.20	ug/l	99
8) Diethyl Ether	2.19	74	66650	47.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104816	51.75	ug/l	99
10) Methyl Iodide	2.51	142	123277	57.31	ug/l	99
11) Tert butyl alcohol	3.09	59	126508	211.87	ug/l	98
12) 1,1-Dichloroethene	2.37	96	96126	48.66	ug/l	99
13) Acrolein	2.30	56	42053	186.30	ug/l	96
14) Allyl chloride	2.73	41	173619	48.18	ug/l	97
15) Acrylonitrile	3.15	53	284505	223.13	ug/l	98
16) Acetone	2.45	43	260637	209.32	ug/l	100
17) Carbon Disulfide	2.57	76	237412	47.11	ug/l	99
18) Methyl Acetate	2.78	43	149652	48.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	344841	47.43	ug/l	96
20) Methylene Chloride	2.86	84	108209	46.66	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	104695	47.95	ug/l	99
22) Diisopropyl ether	3.88	45	333164	46.21	ug/l	95
23) Vinyl Acetate	3.83	43	1416111	231.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176328	46.53	ug/l	99
25) 2-Butanone	4.72	43	386856	207.65	ug/l	100
26) 2,2-Dichloropropane	4.59	77	116938	39.21	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	112425	47.02	ug/l	97
28) Bromochloromethane	5.03	49	84737	49.87	ug/l	96
29) Tetrahydrofuran	5.18	42	252343	210.66	ug/l	99
30) Chloroform	5.23	83	195306	48.47	ug/l	99
31) Cyclohexane	5.58	56	156197	48.52	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	171535	49.31	ug/l	99
36) 1,1-Dichloropropene	5.81	75	142906	49.93	ug/l	99
37) Ethyl Acetate	4.87	43	152641	44.53	ug/l	100
38) Carbon Tetrachloride	5.79	117	153216	52.21	ug/l	99

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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	160830	50.77	ug/l	98
40) Benzene	6.15	78	422336	51.01	ug/l	97
41) Methacrylonitrile	5.07	41	86544	44.94	ug/l	98
42) 1,2-Dichloroethane	6.21	62	164205	49.22	ug/l	100
43) Isopropyl Acetate	6.48	43	253299	47.06	ug/l	100
44) Trichloroethene	7.22	130	126792	51.40	ug/l	97
45) 1,2-Dichloropropane	7.52	63	109498	50.28	ug/l	97
46) Dibromomethane	7.67	93	76400	50.66	ug/l	98
47) Bromodichloromethane	7.91	83	142112	51.87	ug/l	100
48) Methyl methacrylate	7.79	41	134527	47.02	ug/l	98
49) 1,4-Dioxane	7.76	88	51937	906.63	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	846623	239.43	ug/l	100
52) Toluene	8.79	92	278168	51.38	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	162296	50.95	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	153081	44.63	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	116037	50.65	ug/l	98
56) Ethyl methacrylate	9.19	69	171085	50.41	ug/l	97
57) 1,3-Dichloropropane	9.38	76	185275	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	392256	244.47	ug/l	99
59) 2-Hexanone	9.51	43	649840	234.56	ug/l	100
60) Dibromochloromethane	9.59	129	126194	47.35	ug/l	99
61) 1,2-Dibromoethane	9.68	107	123330	51.39	ug/l	99
64) Tetrachloroethene	9.34	164	141240	52.30	ug/l	97
65) Chlorobenzene	10.15	112	335278	50.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122065	53.22	ug/l	100
67) Ethyl Benzene	10.26	91	550313	51.10	ug/l	98
68) m/p-Xylenes	10.37	106	441191	103.62	ug/l	99
69) o-Xylene	10.71	106	212787	51.52	ug/l	100
70) Styrene	10.72	104	359260	52.27	ug/l	100
71) Bromoform	10.87	173	102394	43.19	ug/l	99
73) Isopropylbenzene	11.02	105	577650	49.91	ug/l	99
74) N-amyl acetate	6.48	43	253299	43.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	177549	46.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193334	53.47	ug/l	90
77) Bromobenzene	11.26	156	168598	49.12	ug/l	98
78) n-propylbenzene	11.37	91	653727	50.65	ug/l	100
79) 2-Chlorotoluene	11.43	91	393969	49.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	496626	50.68	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	40121	36.80	ug/l	97
82) 4-Chlorotoluene	11.52	91	471729	49.61	ug/l	100
83) tert-Butylbenzene	11.77	119	490700	50.18	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	512347	50.87	ug/l	99
85) sec-Butylbenzene	11.95	105	582233	50.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	535125	50.36	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	304925	49.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314496	48.99	ug/l	99
89) n-Butylbenzene	12.40	91	458343	49.83	ug/l	100
90) Hexachloroethane	12.60	117	80489	47.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	310903	49.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39148	46.20	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042818\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDCCC050

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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	235288	48.20	ug/l	99
94) Hexachlorobutadiene	13.79	225	107235	46.73	ug/l	100
95) Naphthalene	13.84	128	650745	47.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	234111	48.19	ug/l	100

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

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Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA X/WATER

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ALS Vial      : 25      Sample Multiplier: 1
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Instrument :

MSVOA X

ClientSampleId :

VSTDCCC050

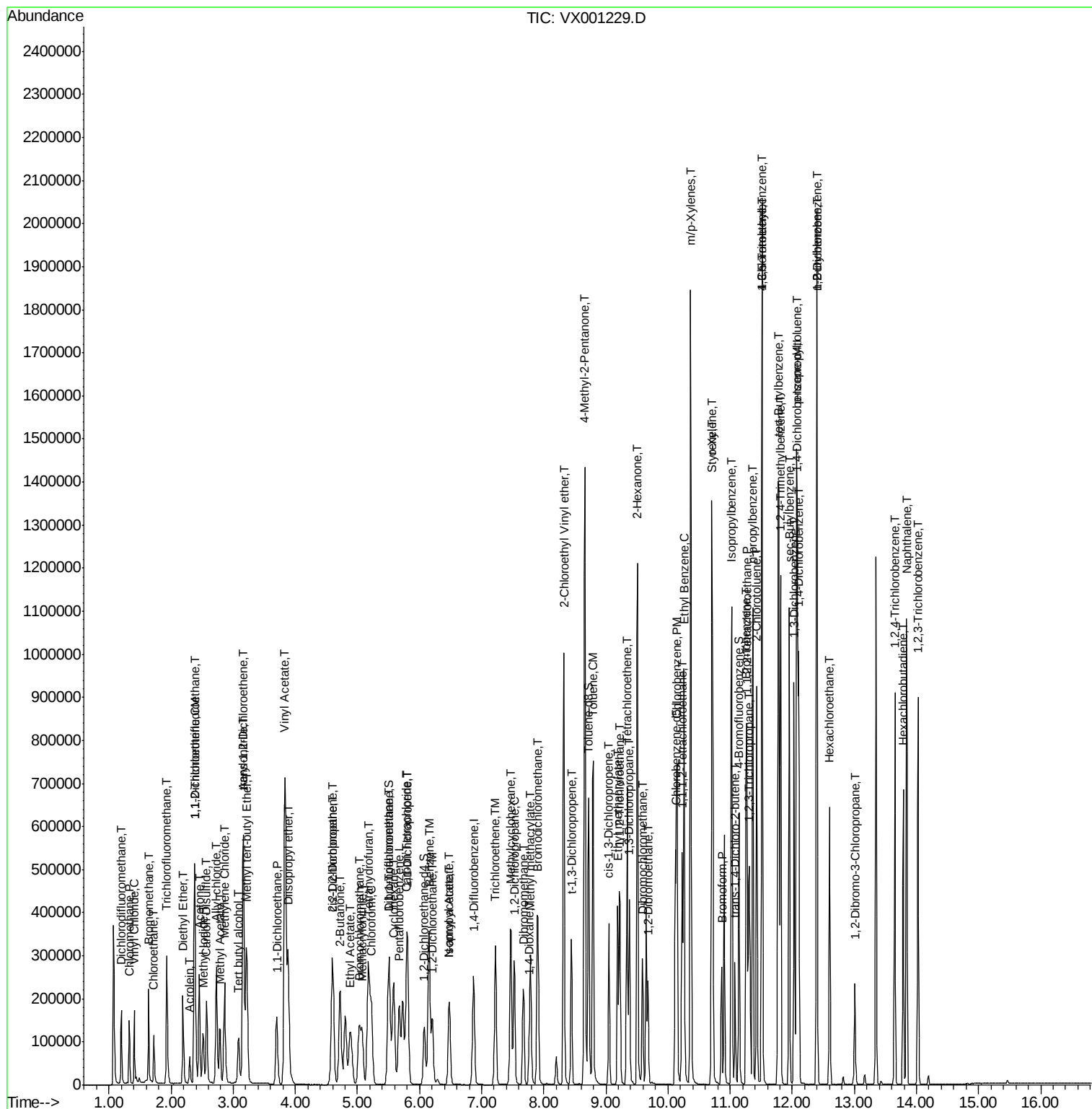
Quant Time: Apr 30 01:38:18 2018

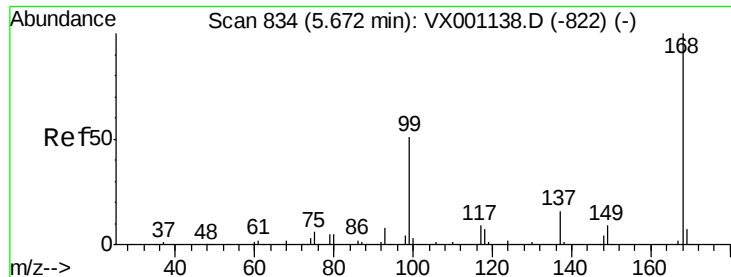
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

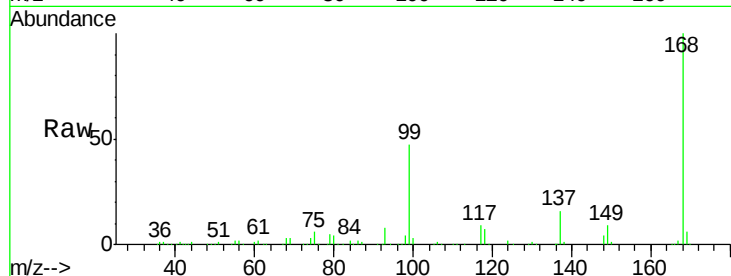
VSTDCCC050

Tgt Ion:168 Resp: 195330

Ion Ratio Lower Upper

168 100

99 47.1 40.6 60.8

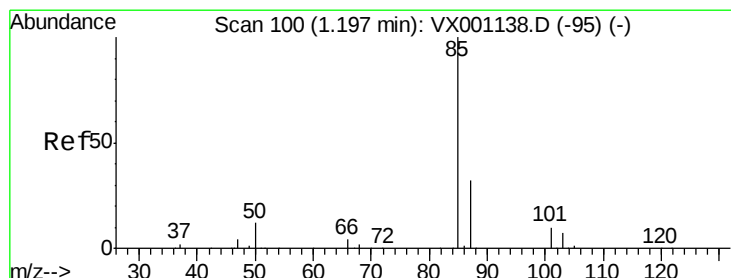
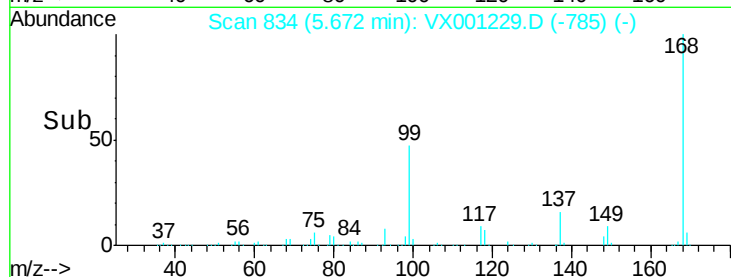


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 46.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001229.D

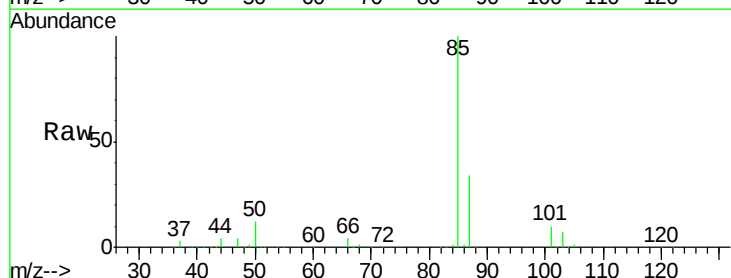
Acq: 28 Apr 2018 22:20

Tgt Ion: 85 Resp: 94997

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6

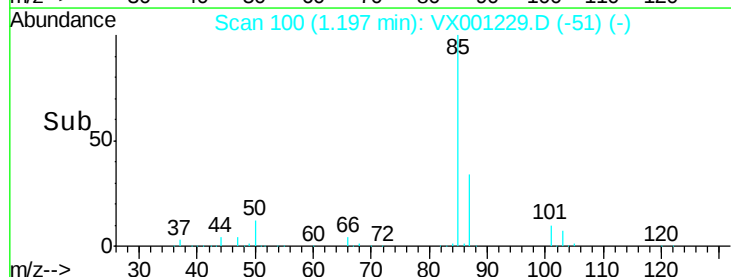


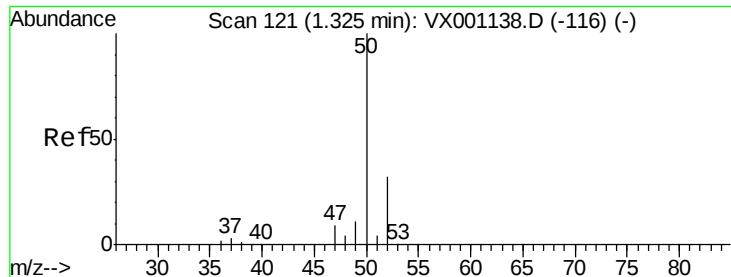
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 43.04 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

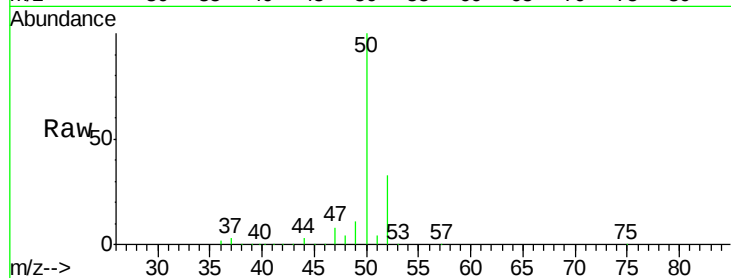
VSTDCCC050

Tgt Ion: 50 Resp: 92325

Ion Ratio Lower Upper

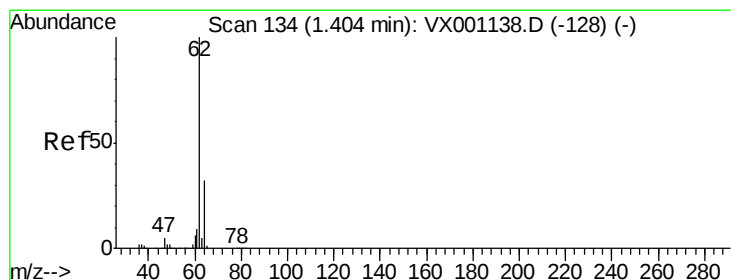
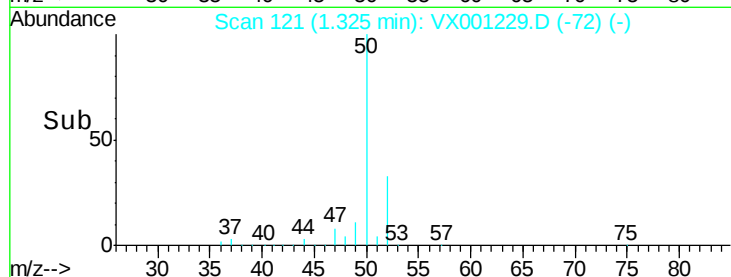
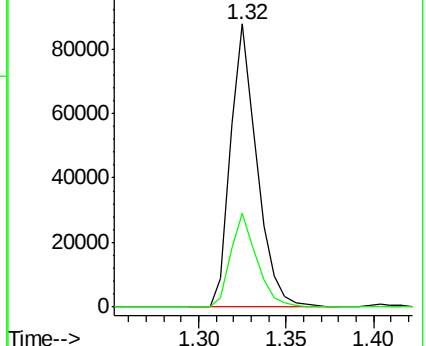
50 100

52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001229.D

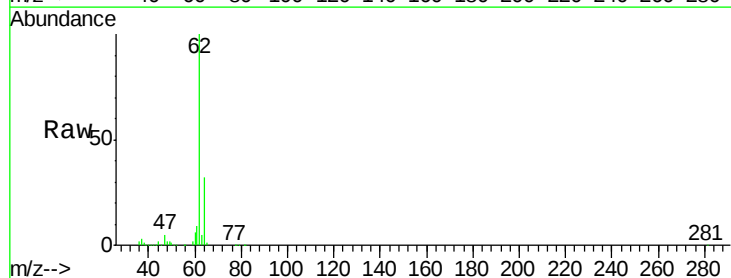
Acq: 28 Apr 2018 22:20

Tgt Ion: 62 Resp: 107130

Ion Ratio Lower Upper

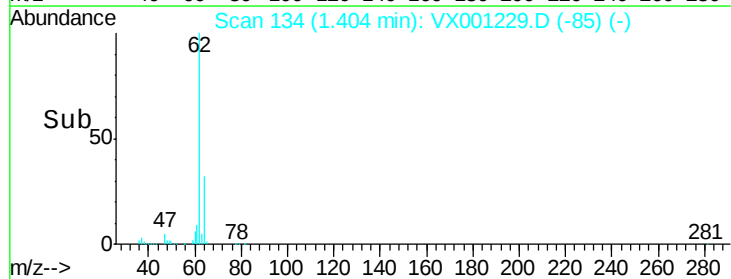
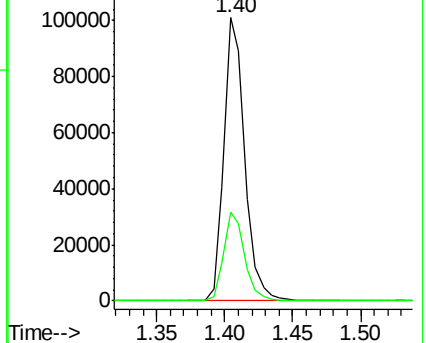
62 100

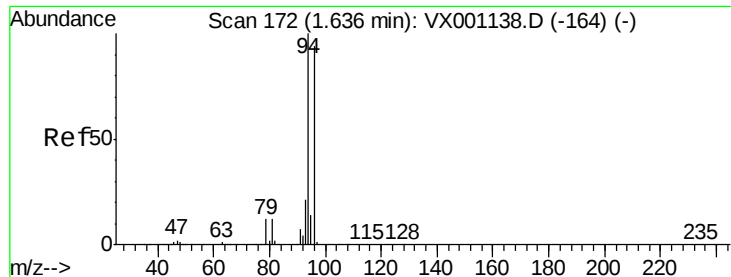
64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.30 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

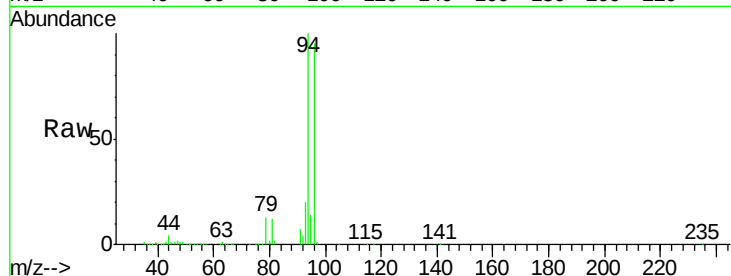
VSTDCCC050

Tgt Ion: 94 Resp: 76659

Ion Ratio Lower Upper

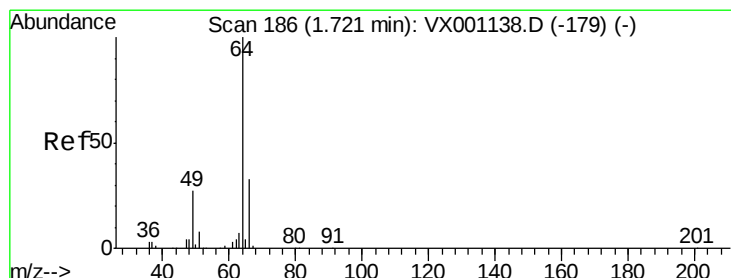
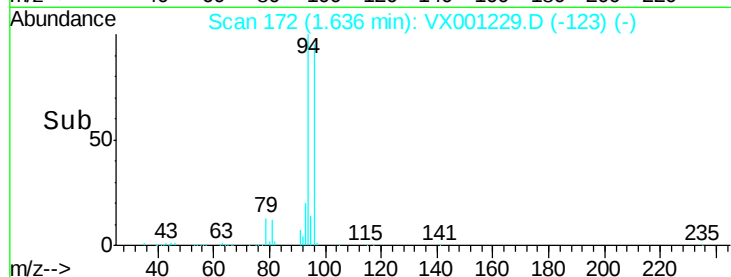
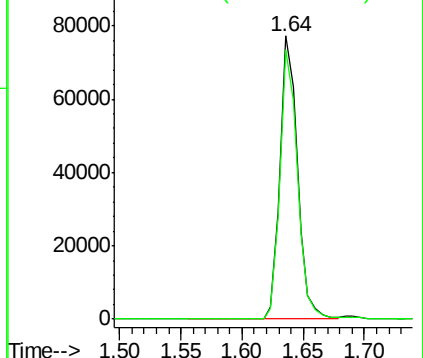
94 100

96 95.1 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: 48.38 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX001229.D

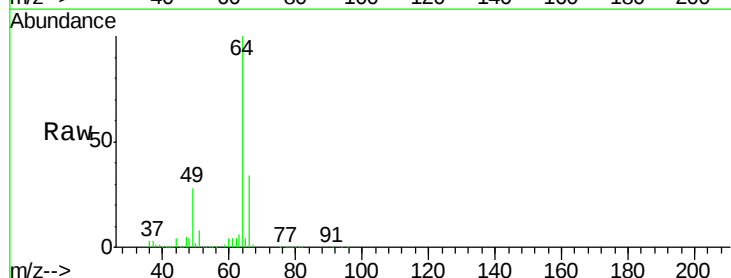
Acq: 28 Apr 2018 22:20

Tgt Ion: 64 Resp: 69309

Ion Ratio Lower Upper

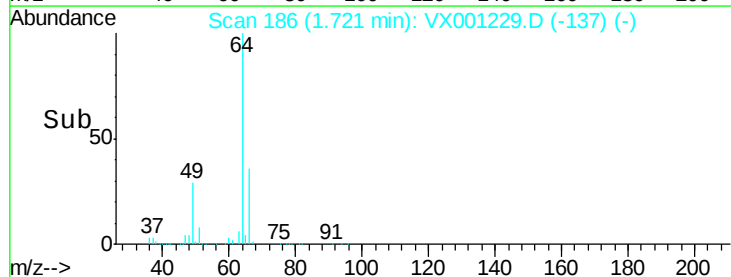
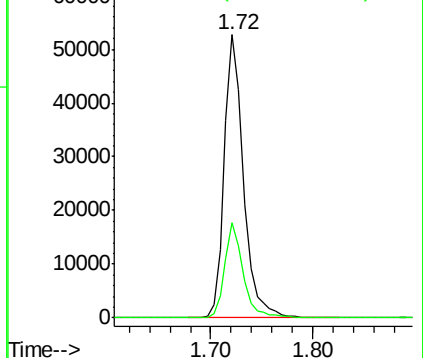
64 100

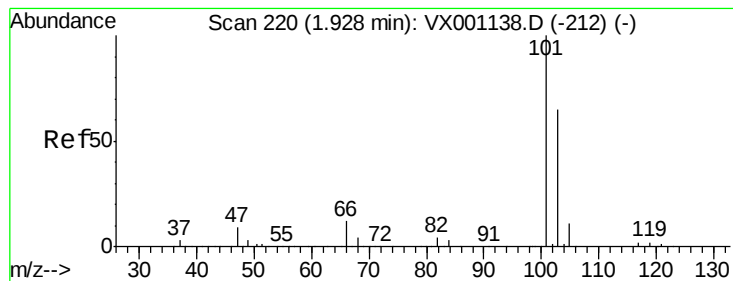
66 33.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.20 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

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ClientSampleId :

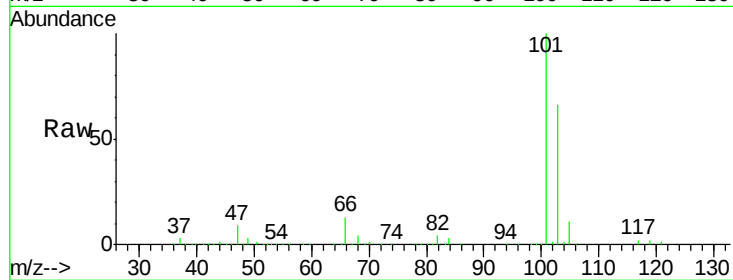
VSTDCCC050

Tgt Ion: 101 Resp: 188219

Ion Ratio Lower Upper

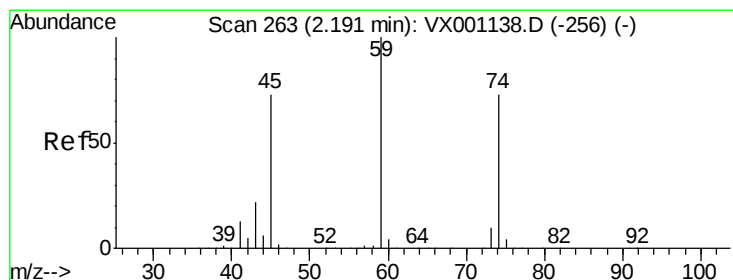
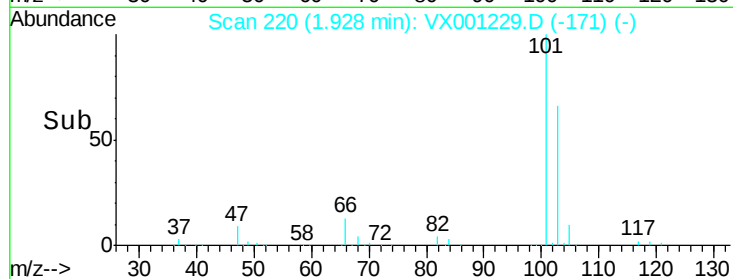
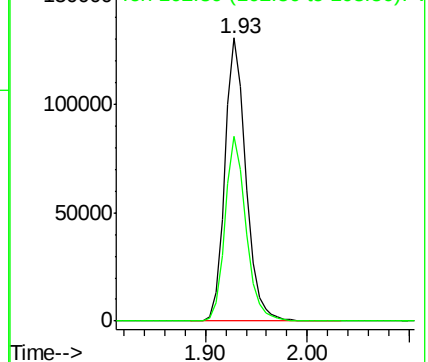
101 100

103 65.5 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: 47.16 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001229.D

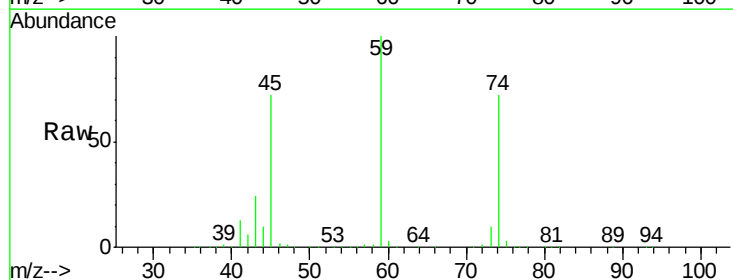
Acq: 28 Apr 2018 22:20

Tgt Ion: 74 Resp: 66650

Ion Ratio Lower Upper

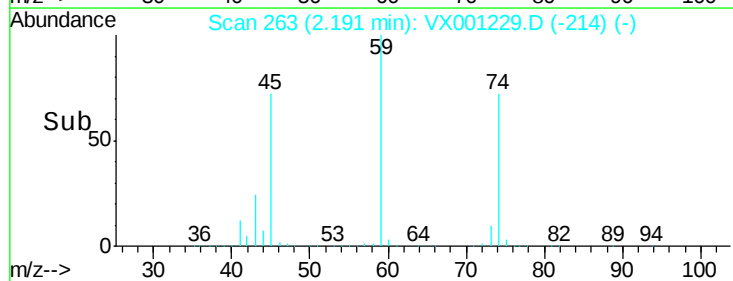
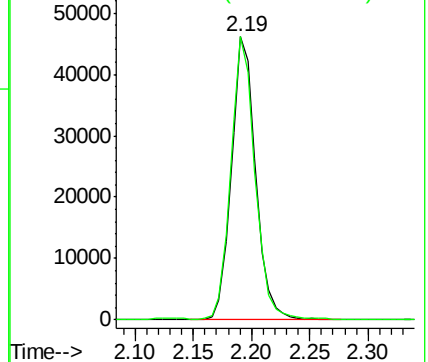
74 100

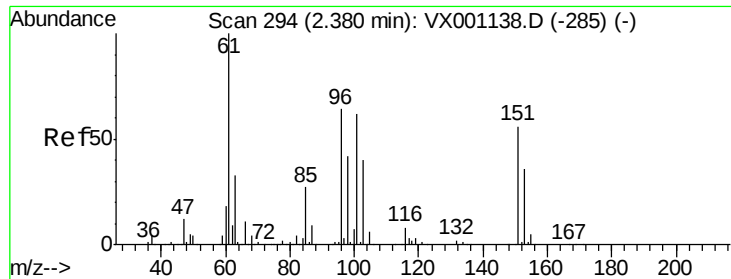
45 99.0 49.5 148.7



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: 51.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

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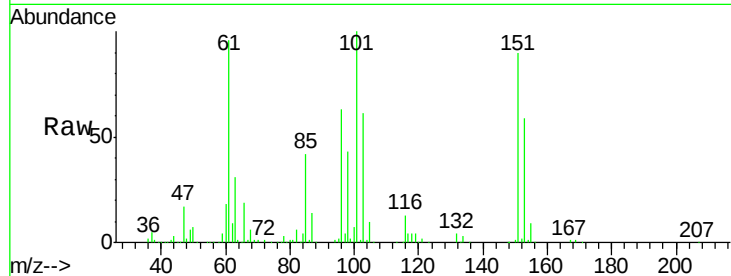
Tgt Ion:101 Resp: 104816

Ion Ratio Lower Upper

101 100

85 44.0 35.4 53.0

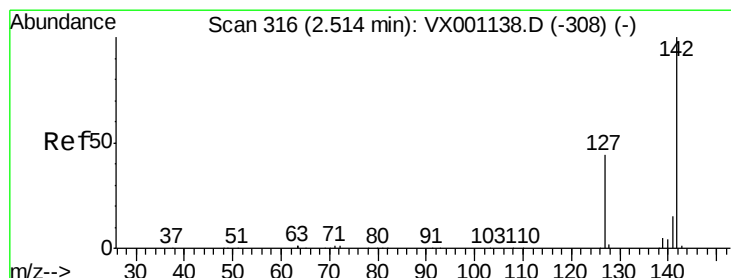
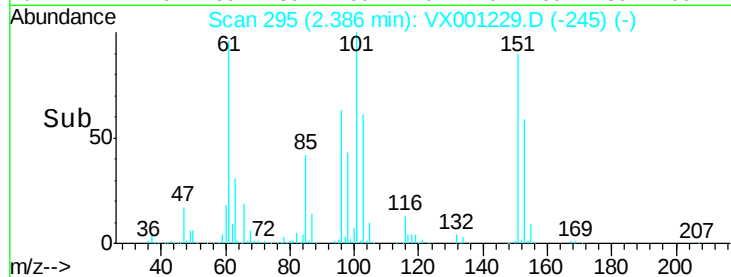
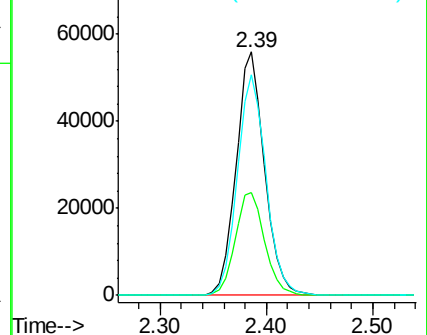
151 91.4 74.2 111.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.31 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

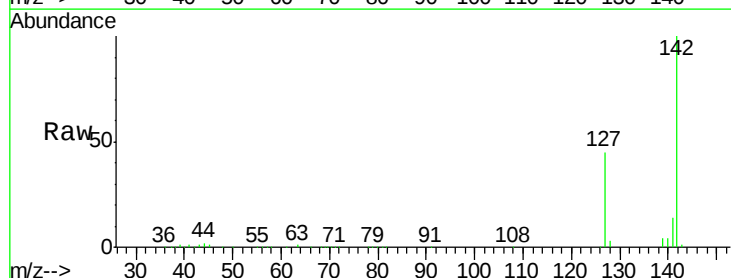
Tgt Ion:142 Resp: 123277

Ion Ratio Lower Upper

142 100

127 44.6 34.7 52.1

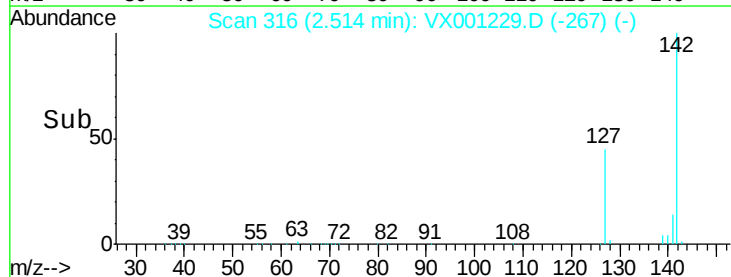
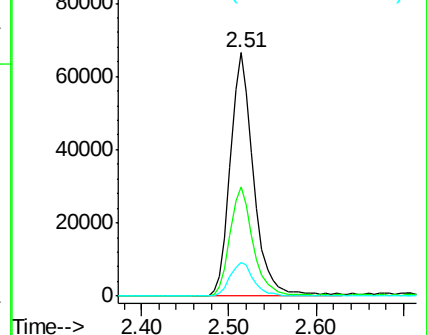
141 14.4 11.6 17.4

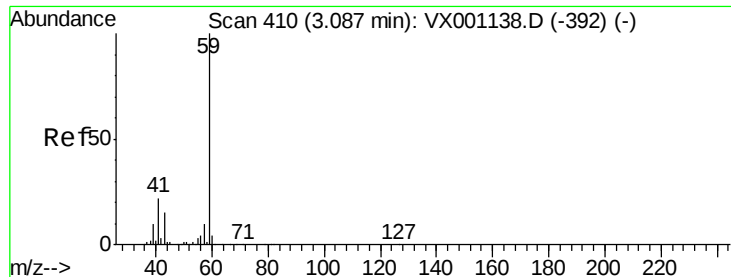


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

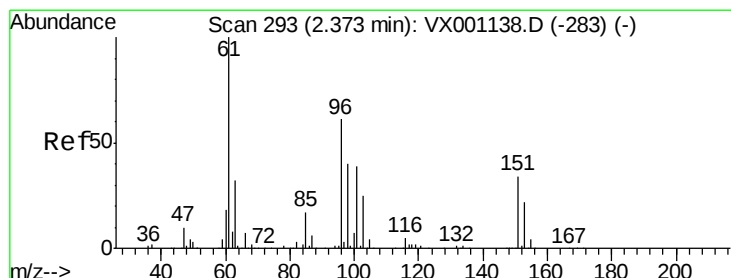
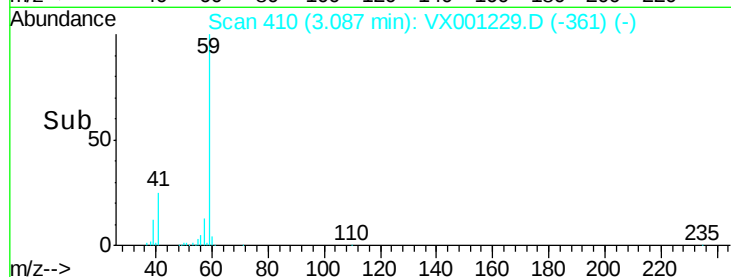
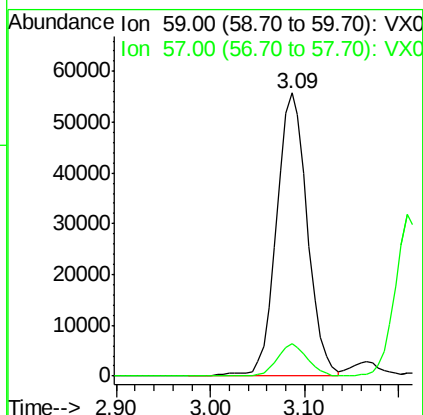
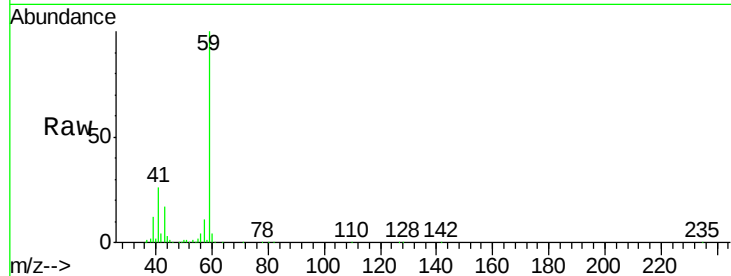




#11
Tert butyl alcohol
Concen: 211.87 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

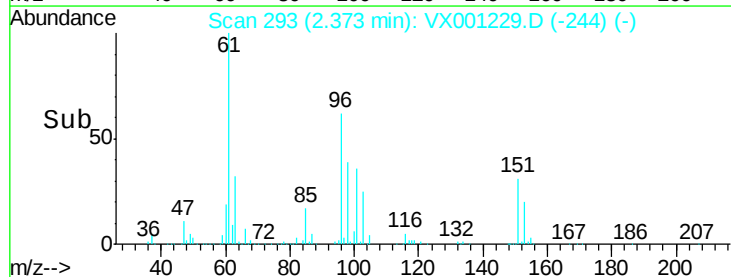
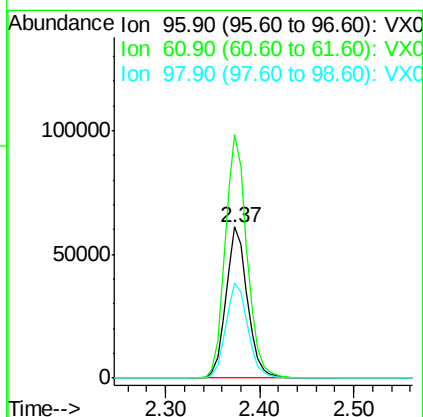
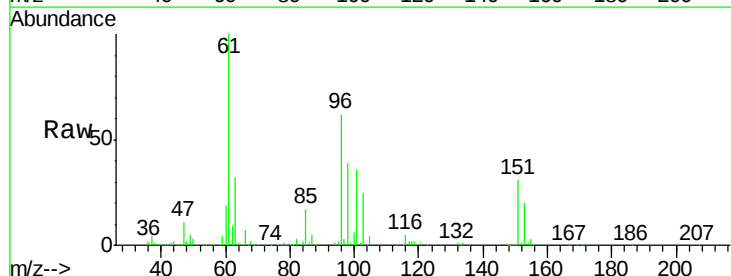
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

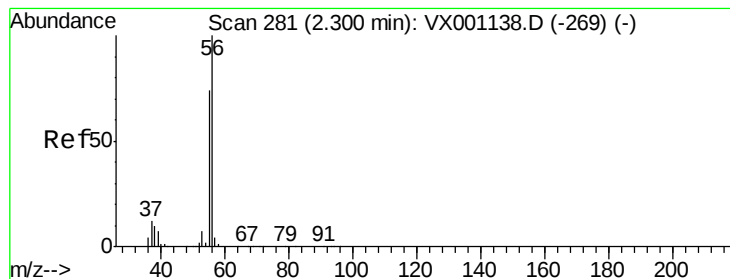
Tgt Ion: 59 Resp: 126508
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.66 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 96 Resp: 96126
Ion Ratio Lower Upper
96 100
61 161.3 130.2 195.4
98 62.9 51.5 77.3





#13

Acrolein

Concen: 186.30 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

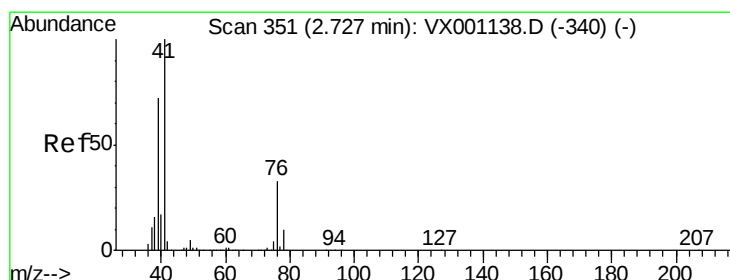
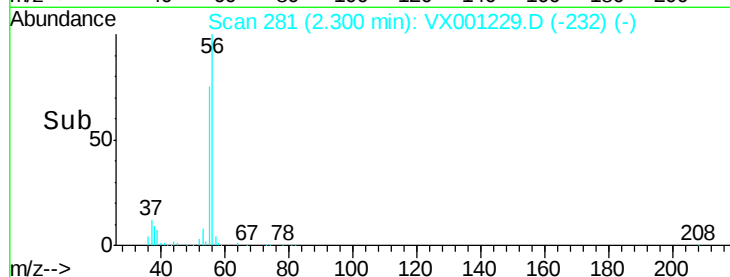
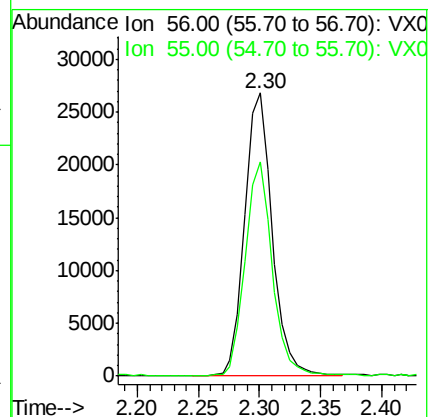
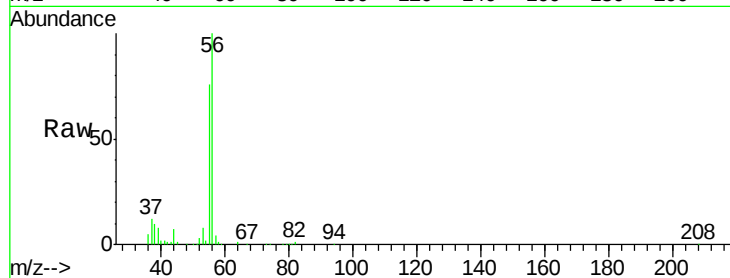
VSTDCCC050

Tgt Ion: 56 Resp: 42053

Ion Ratio Lower Upper

56 100

55 75.1 57.2 85.8



#14

Allyl chloride

Concen: 48.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

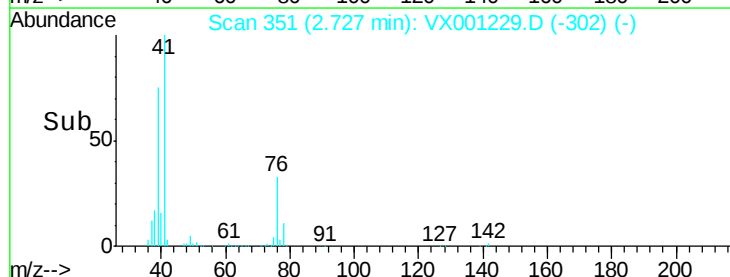
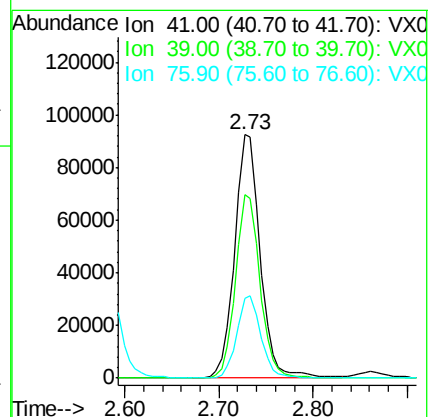
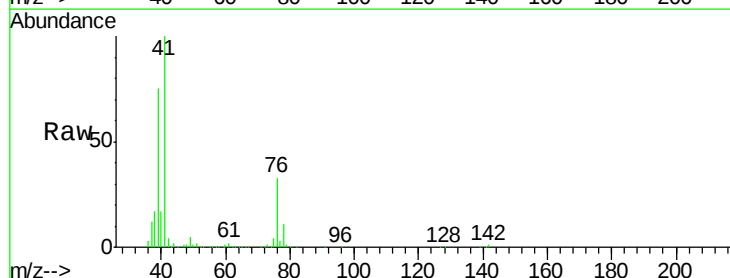
Tgt Ion: 41 Resp: 173619

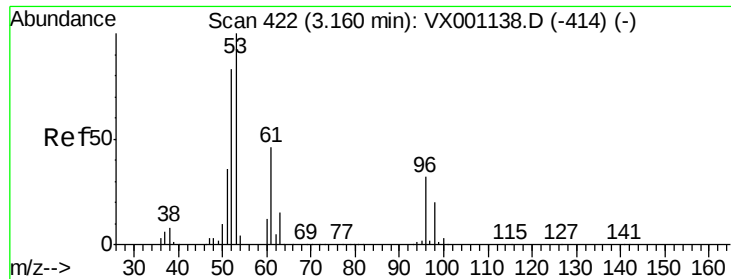
Ion Ratio Lower Upper

41 100

39 72.3 55.6 83.4

76 31.8 24.8 37.2





#15

Acrylonitrile

Concen: 223.13 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

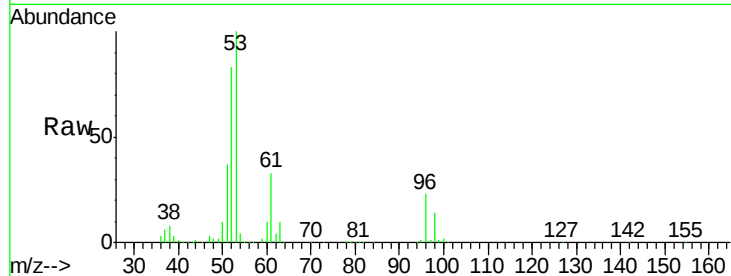
Tgt Ion: 53 Resp: 284505

Ion Ratio Lower Upper

53 100

52 84.5 66.5 99.7

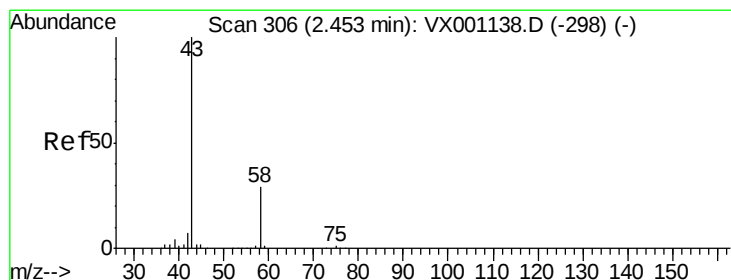
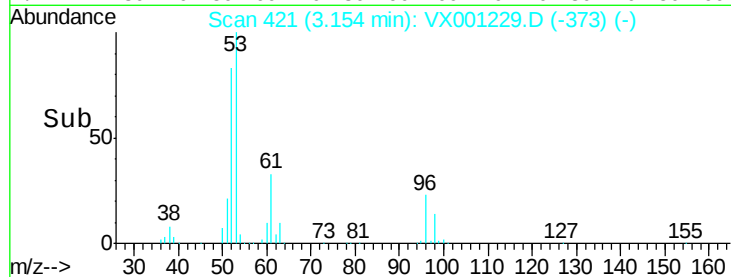
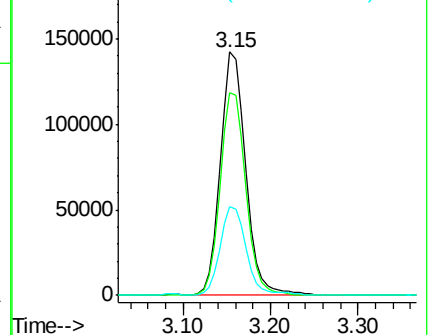
51 38.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 209.32 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001229.D

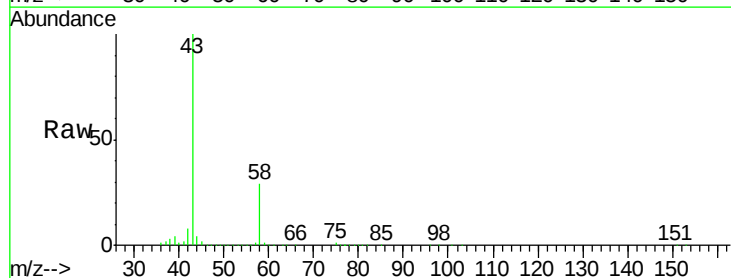
Acq: 28 Apr 2018 22:20

Tgt Ion: 43 Resp: 260637

Ion Ratio Lower Upper

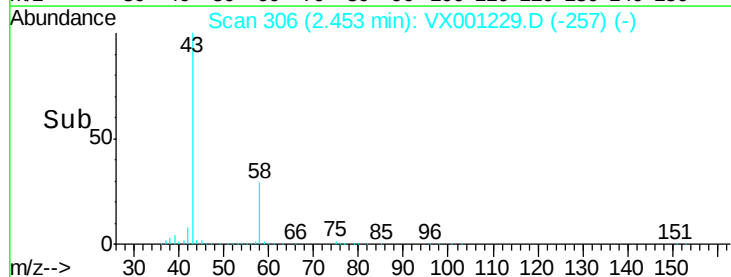
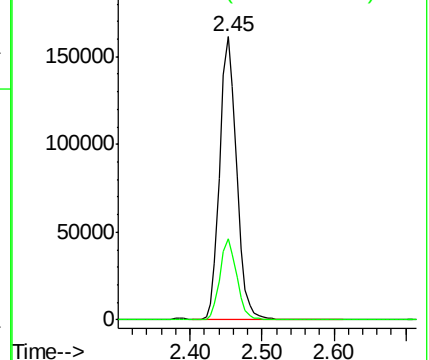
43 100

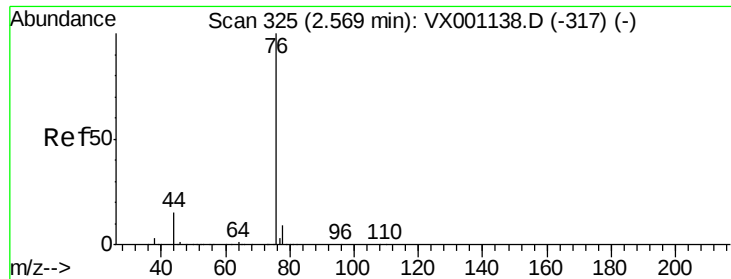
58 28.7 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

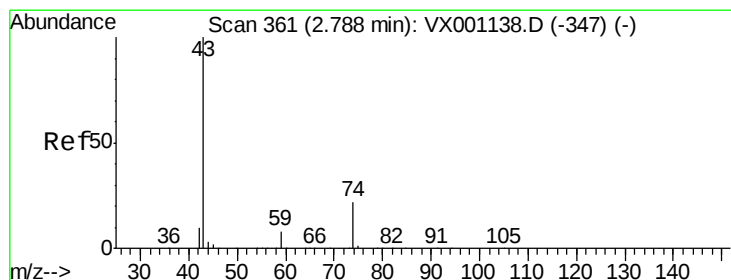
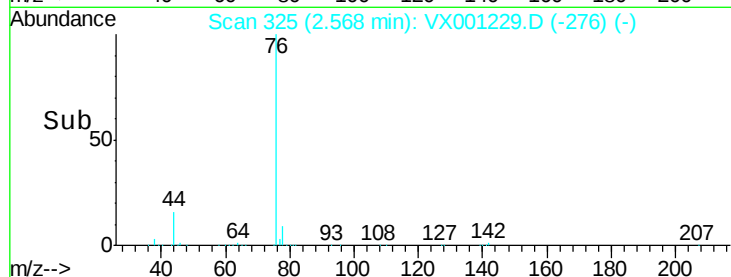
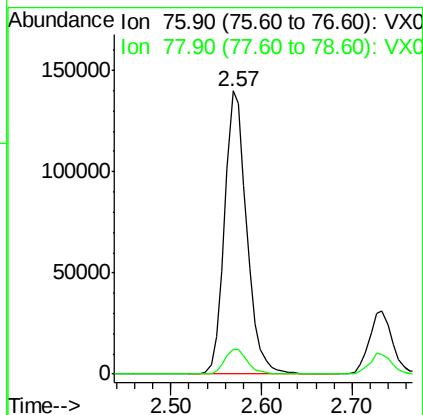
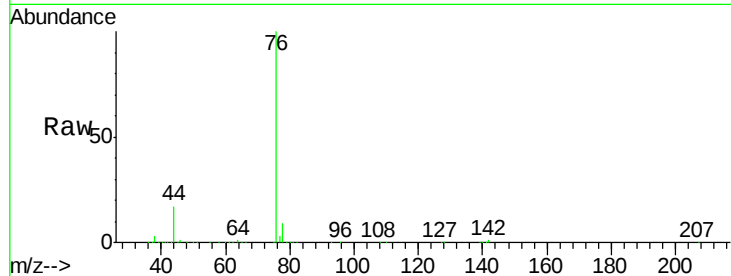




#17
Carbon Disulfide
Concen: 47.11 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

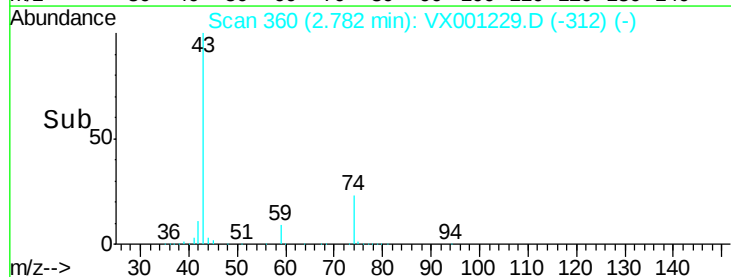
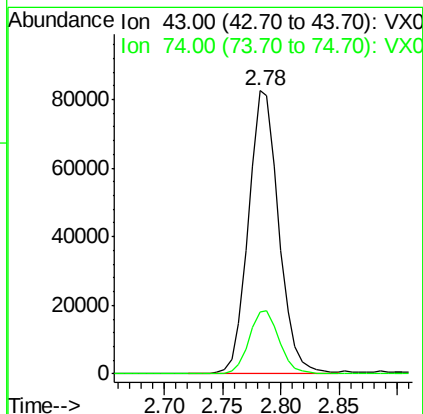
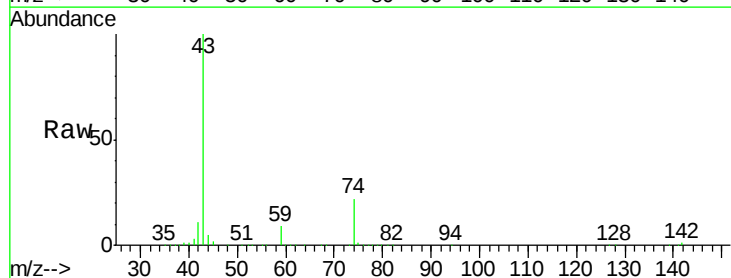
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

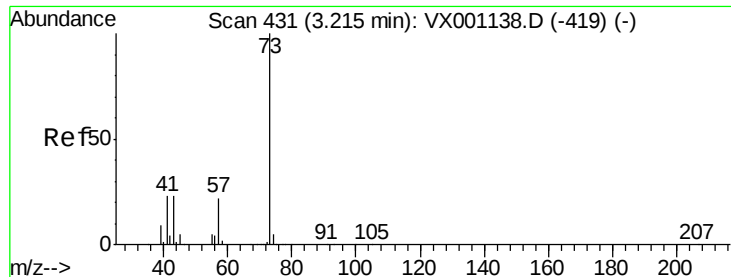
Tgt Ion: 76 Resp: 237412
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 48.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 43 Resp: 149652
Ion Ratio Lower Upper
43 100
74 22.5 18.1 27.1





#19

Methyl tert-butyl Ether

Concen: 47.43 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

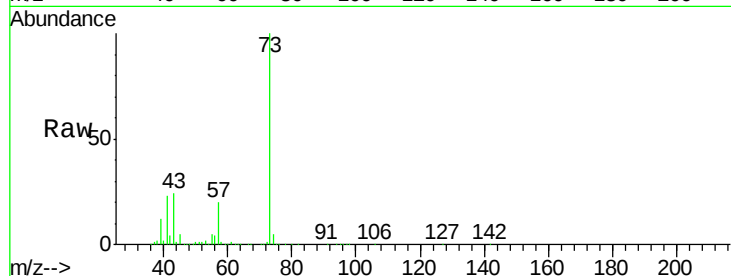
VSTDCCC050

Tgt Ion: 73 Resp: 344841

Ion Ratio Lower Upper

73 100

57 20.4 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

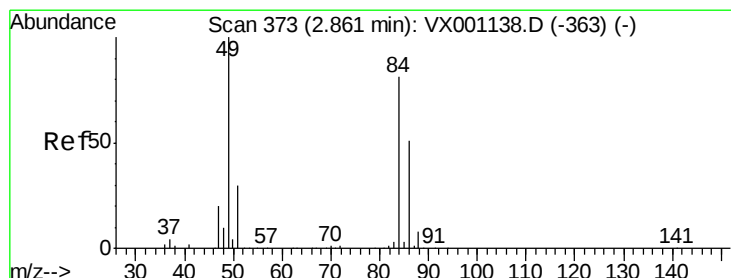
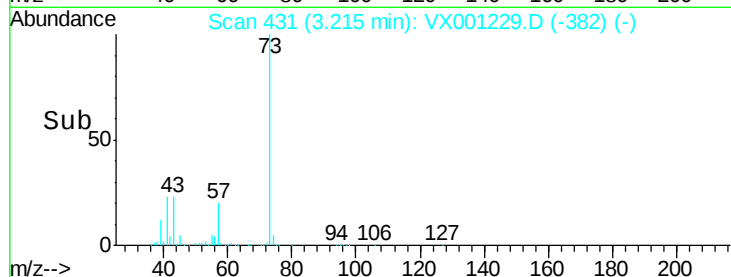
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 46.66 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion: 84 Resp: 108209

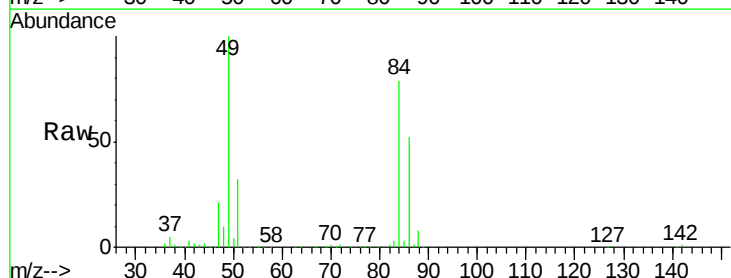
Ion Ratio Lower Upper

84 100

49 127.0 99.2 148.8

51 40.2 29.5 44.3

86 66.5 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

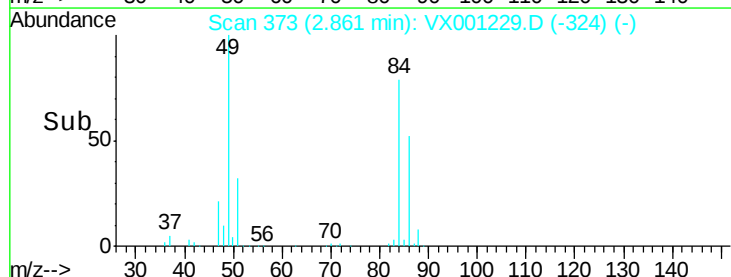
60000

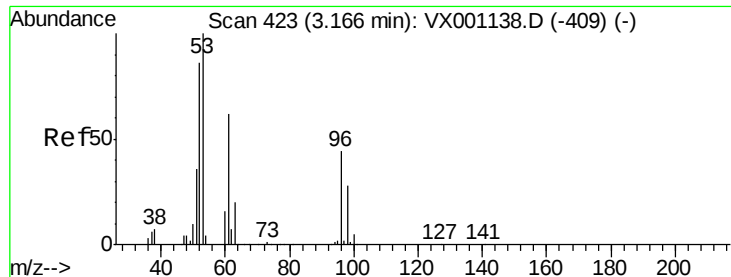
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 47.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

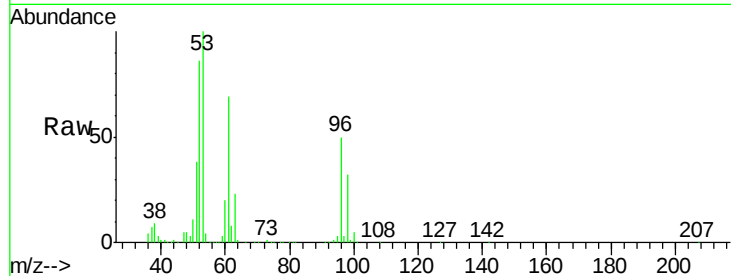
Tgt Ion: 96 Resp: 104695

Ion Ratio Lower Upper

96 100

61 137.9 111.9 167.9

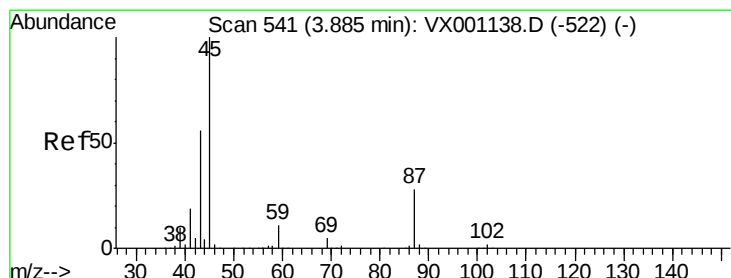
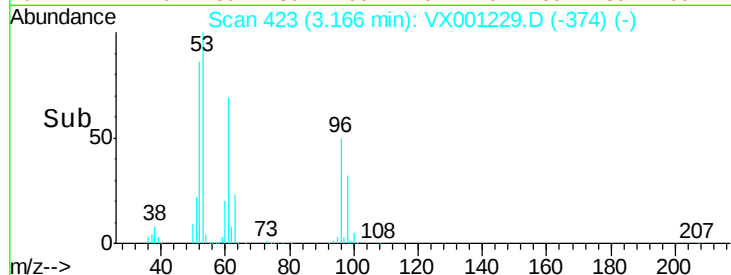
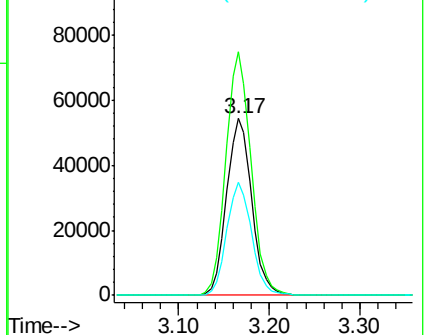
98 64.0 51.1 76.7



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: 46.21 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion: 45 Resp: 333164

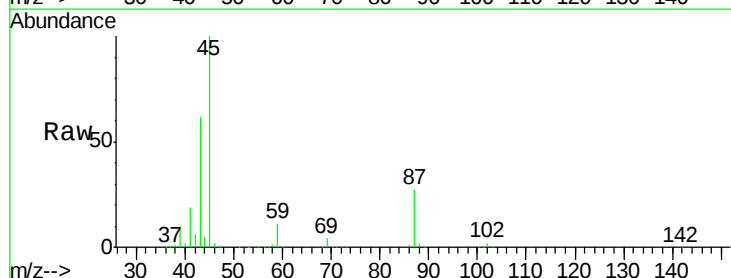
Ion Ratio Lower Upper

45 100

43 61.2 45.0 67.4

87 27.5 22.8 34.2

59 11.1 9.0 13.6

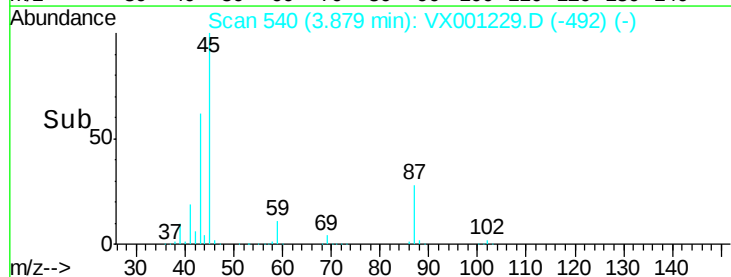
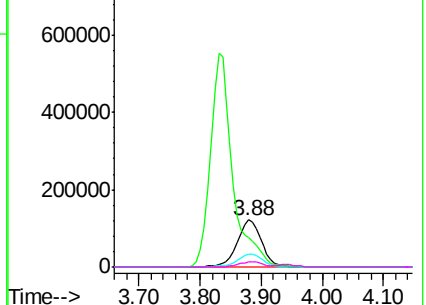


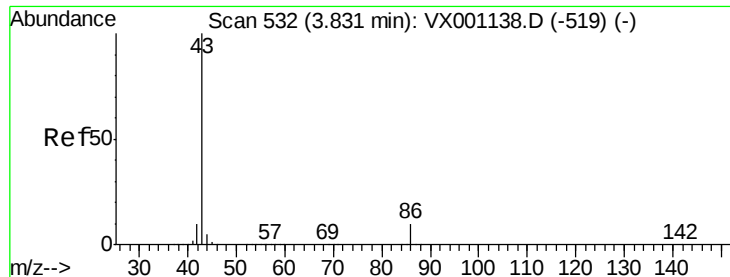
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 231.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

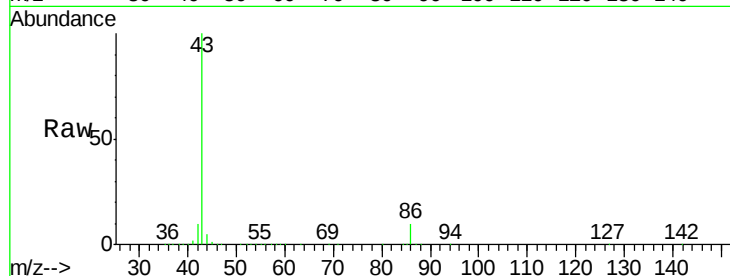
VSTDCCC050

Tgt Ion: 43 Resp: 1416111

Ion Ratio Lower Upper

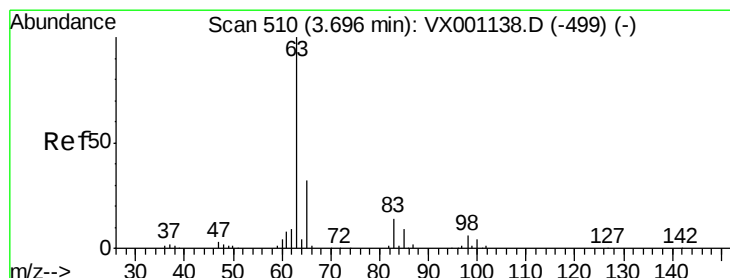
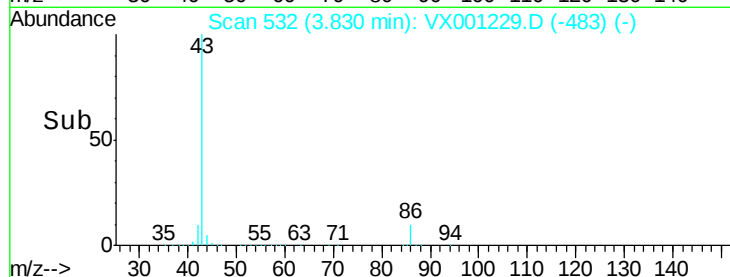
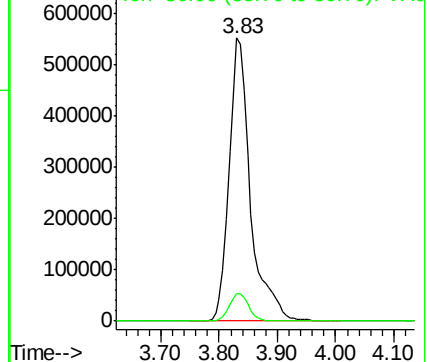
43 100

86 9.8 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: 46.53 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

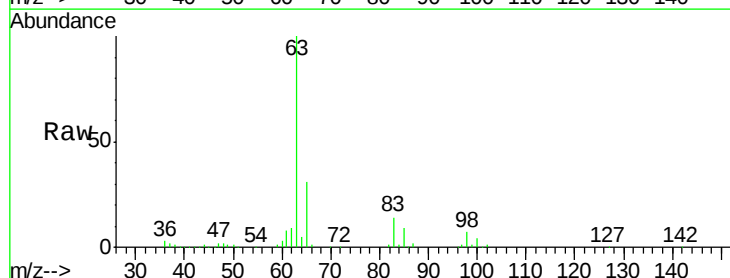
Tgt Ion: 63 Resp: 176328

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

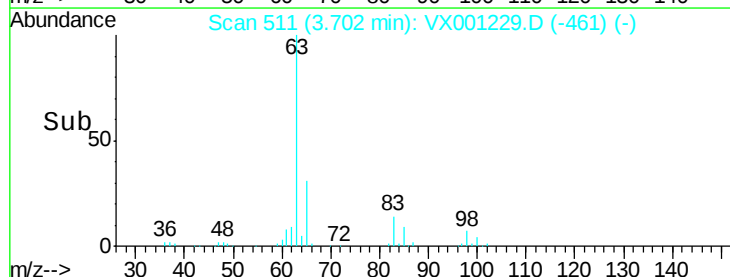
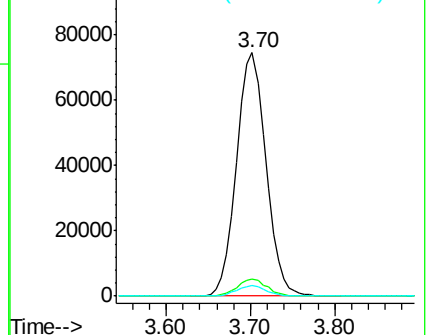
100 4.3 2.1 6.5

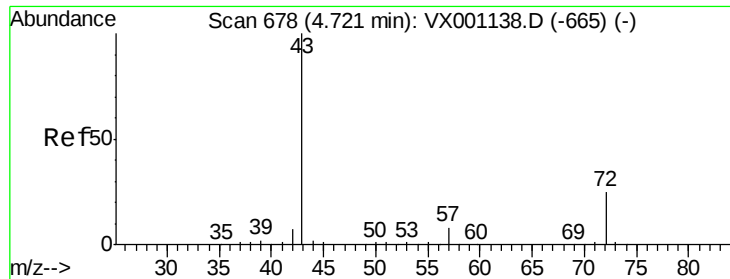


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 207.65 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

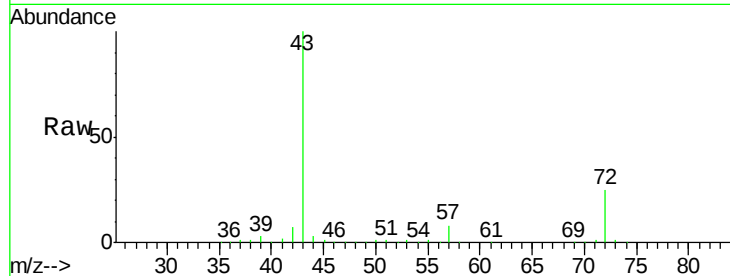
VSTDCCC050

Tgt Ion: 43 Resp: 386856

Ion Ratio Lower Upper

43 100

72 25.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

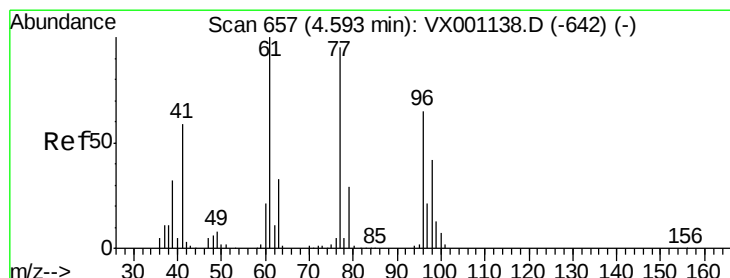
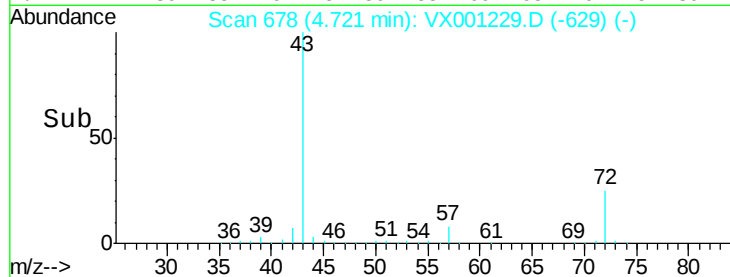
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.21 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001229.D

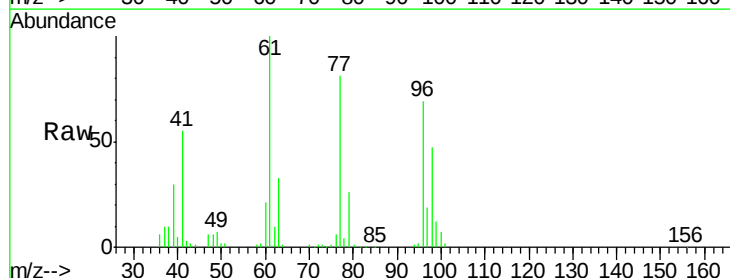
Acq: 28 Apr 2018 22:20

Tgt Ion: 77 Resp: 116938

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

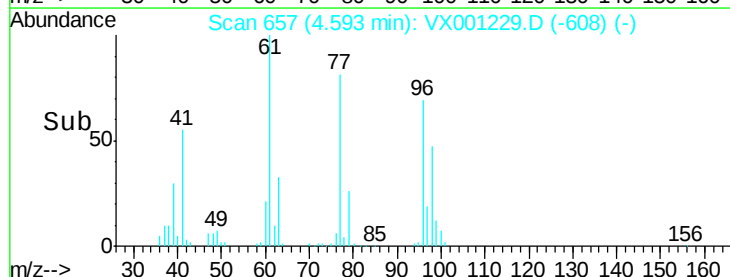
20000

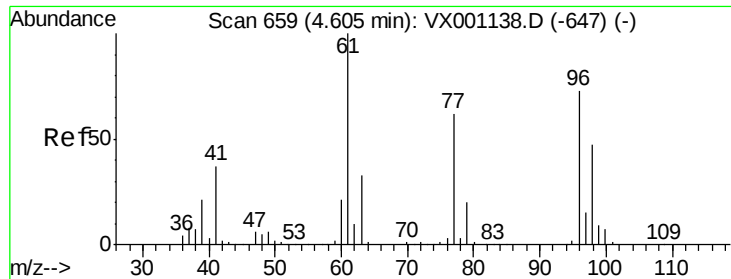
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.02 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

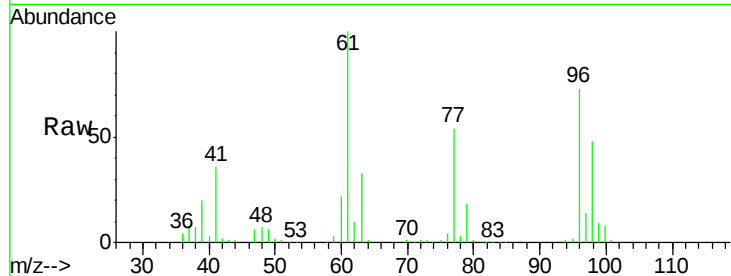
Tgt Ion: 96 Resp: 112425

Ion Ratio Lower Upper

96 100

61 141.5 0.0 289.0

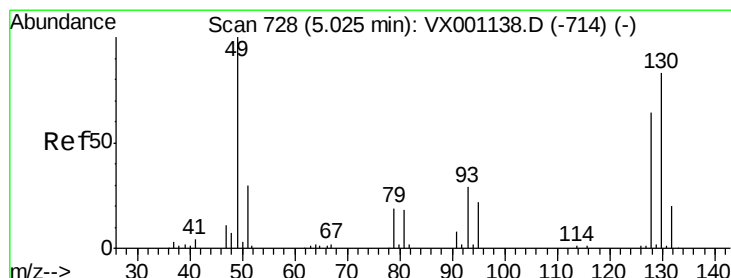
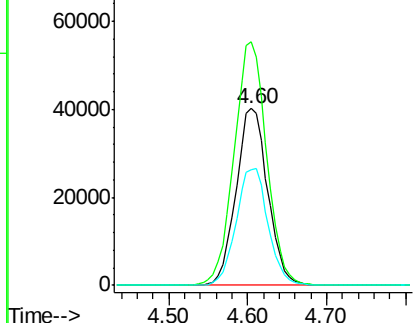
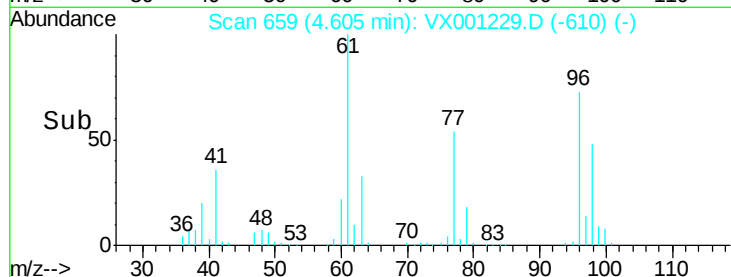
98 66.5 0.0 128.2



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: 49.87 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

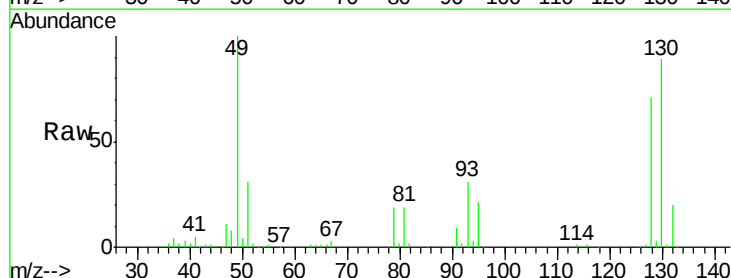
Tgt Ion: 49 Resp: 84737

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

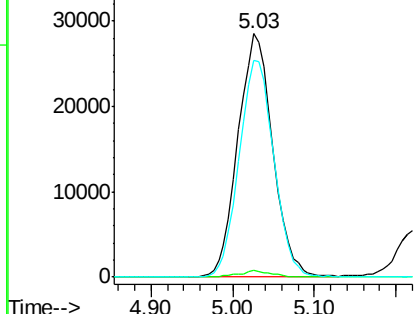
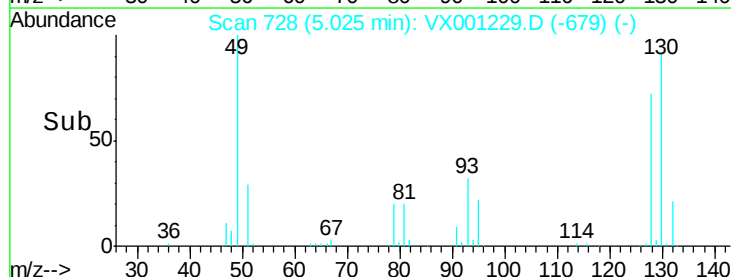
130 89.0 68.2 102.2

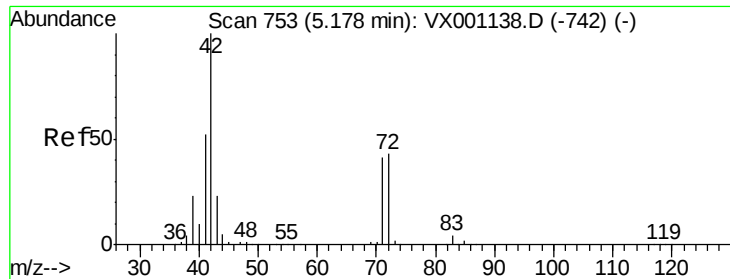


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

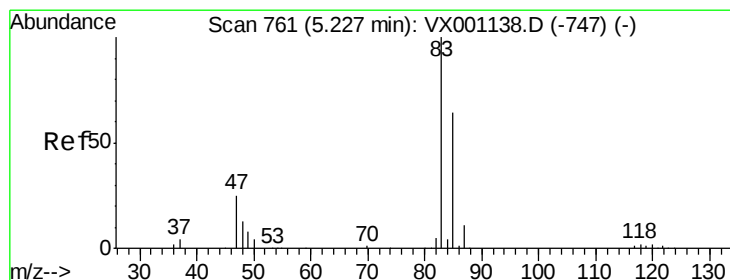
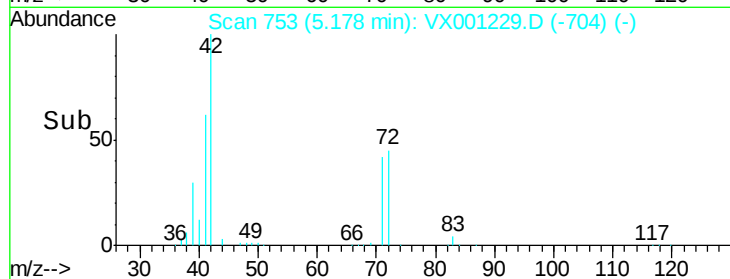
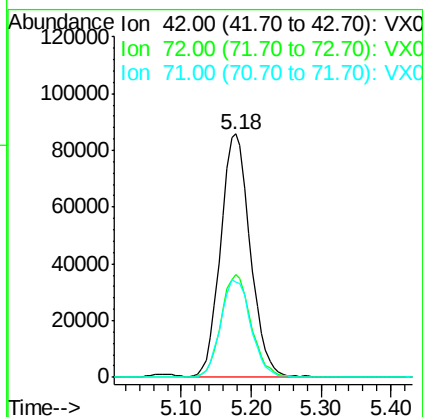
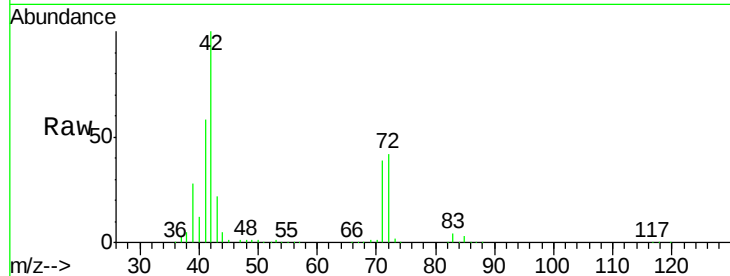




#29
Tetrahydrofuran
Concen: 210.66 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

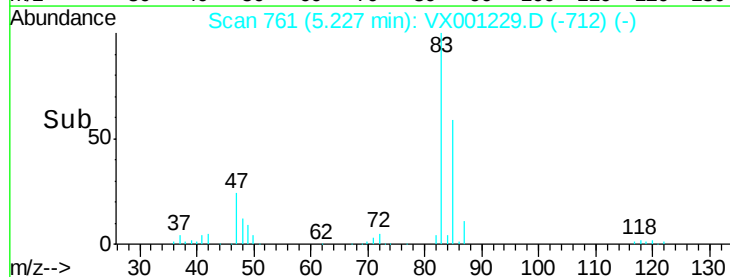
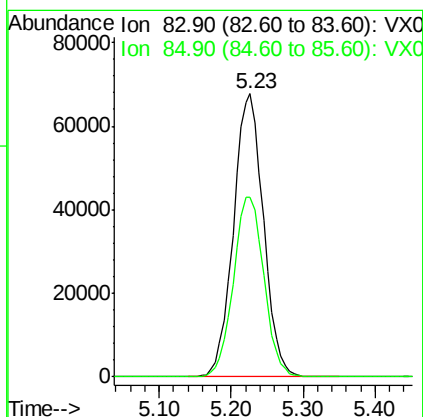
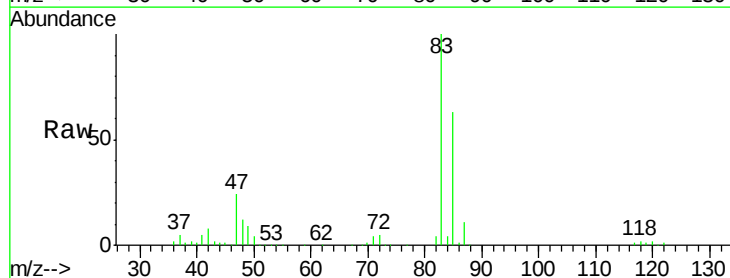
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

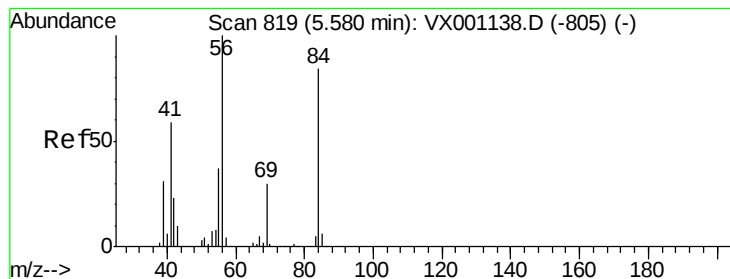
Tgt Ion: 42 Resp: 252343
Ion Ratio Lower Upper
42 100
72 43.0 34.4 51.6
71 40.9 32.1 48.1



#30
Chloroform
Concen: 48.47 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 83 Resp: 195306
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0





#31

Cyclohexane

Concen: 48.52 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

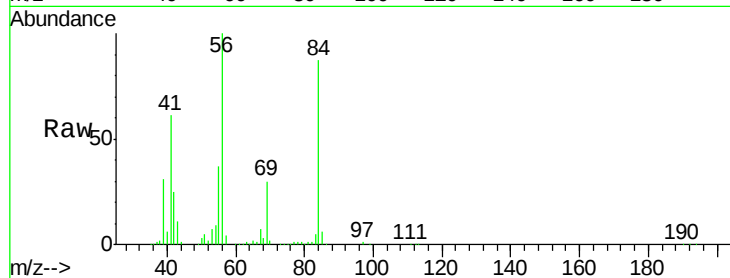
Tgt Ion: 56 Resp: 156197

Ion Ratio Lower Upper

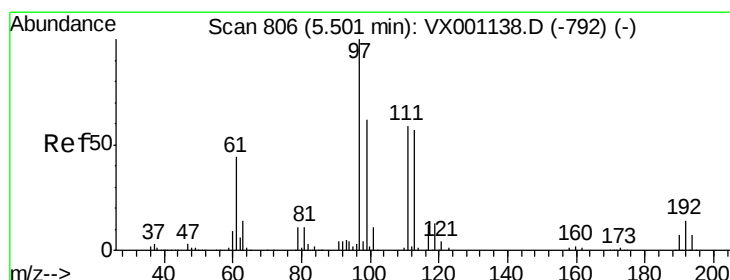
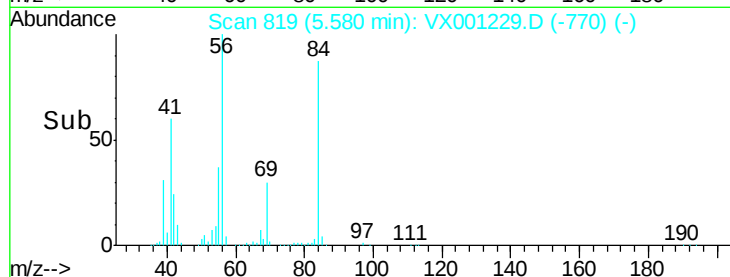
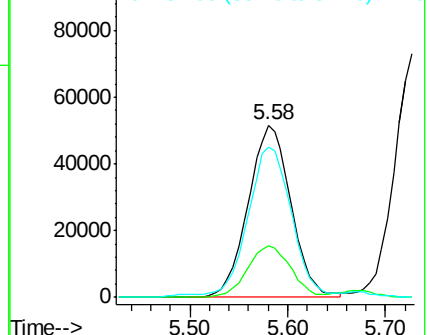
56 100

69 29.7 24.2 36.2

84 85.2 67.5 101.3



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



#32

1,1,1-Trichloroethane

Concen: 49.31 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

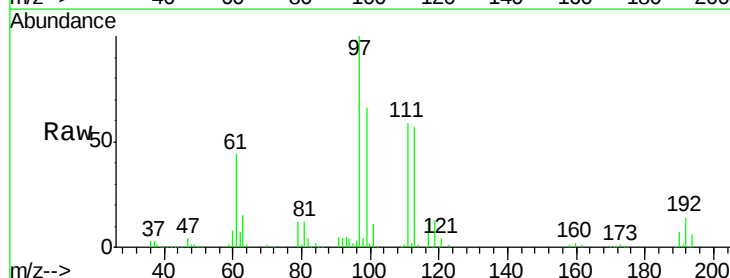
Tgt Ion: 97 Resp: 171535

Ion Ratio Lower Upper

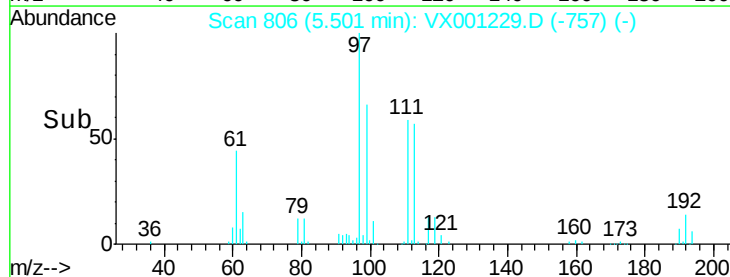
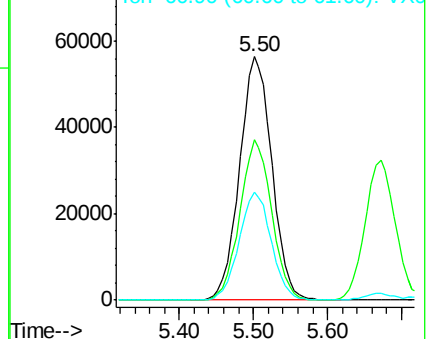
97 100

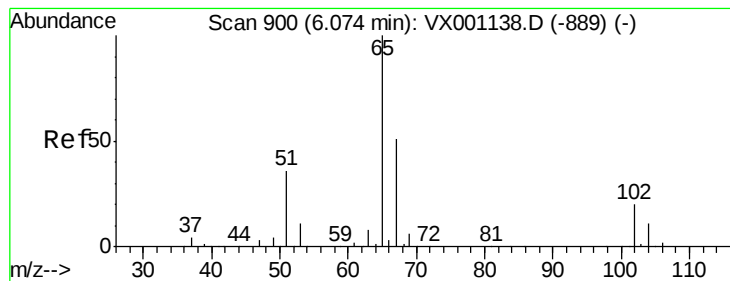
99 64.9 50.9 76.3

61 44.4 35.0 52.6



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





#33

1,2-Dichloroethane-d4

Concen: 42.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

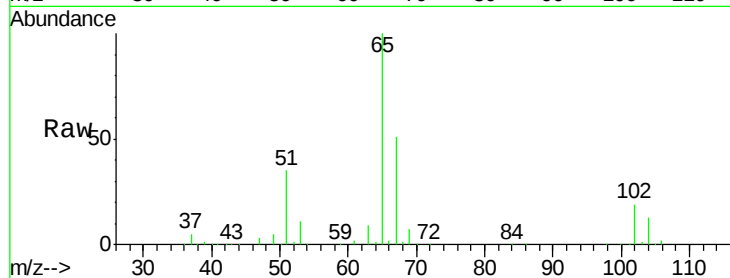
VSTDCCC050

Tgt Ion: 65 Resp: 129269

Ion Ratio Lower Upper

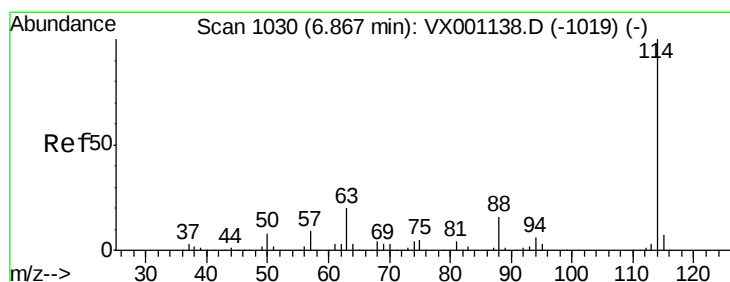
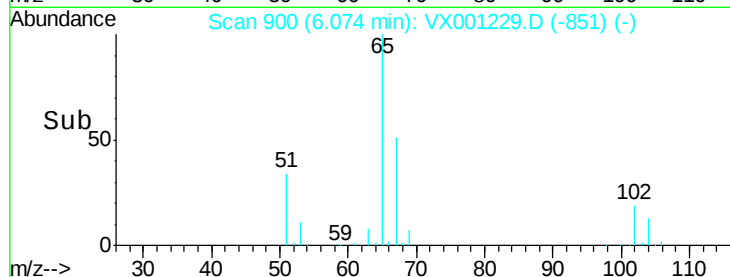
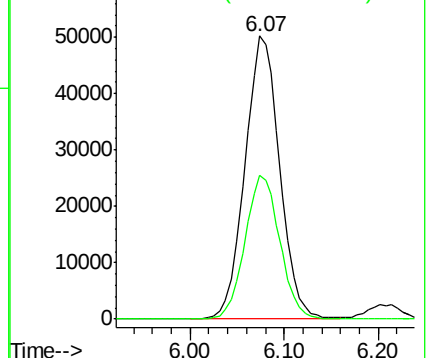
65 100

67 51.1 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

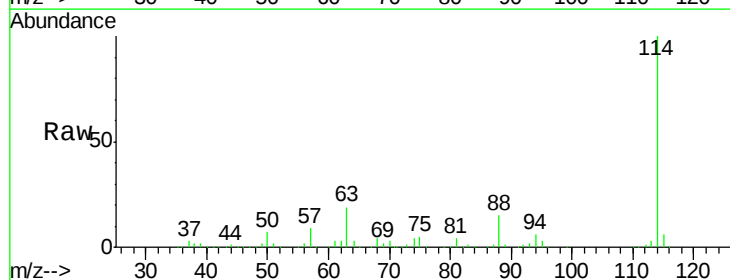
Tgt Ion: 114 Resp: 259733

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.4

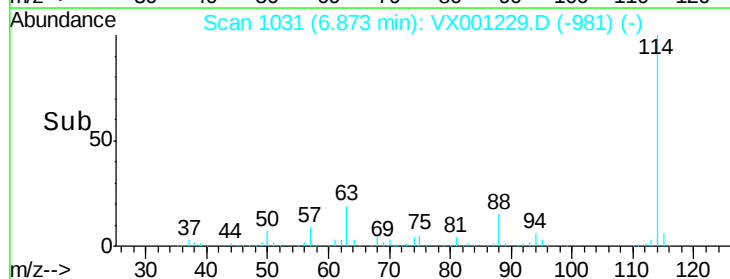
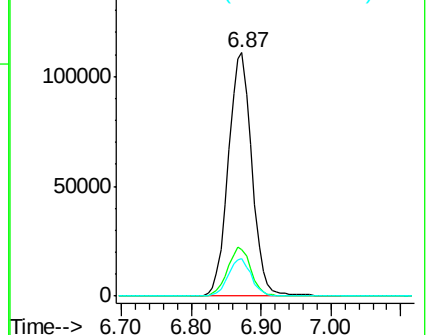
88 15.3 0.0 31.8

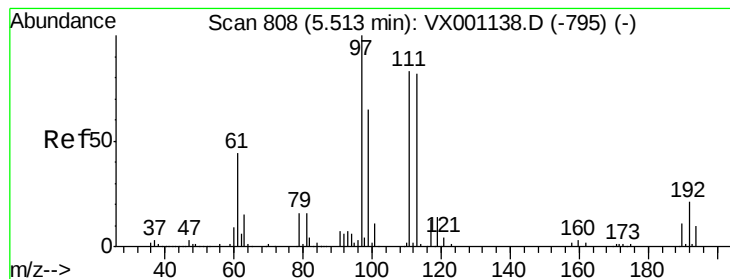


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.77 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

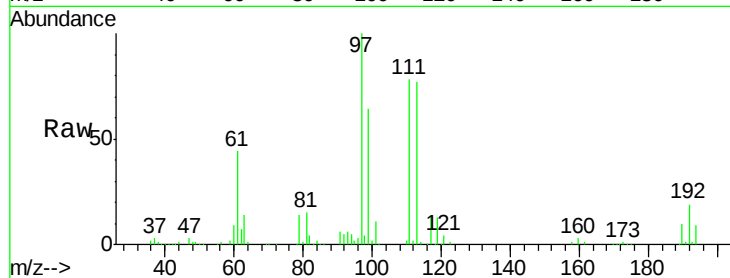
Tgt Ion:113 Resp: 107006

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

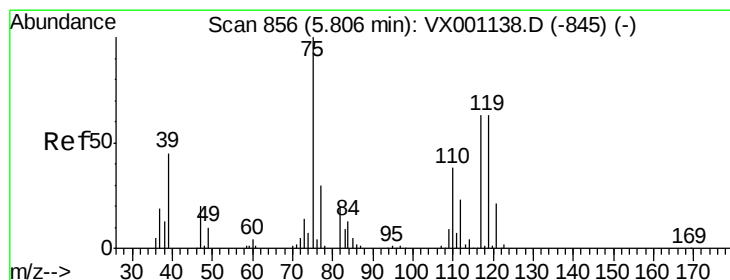
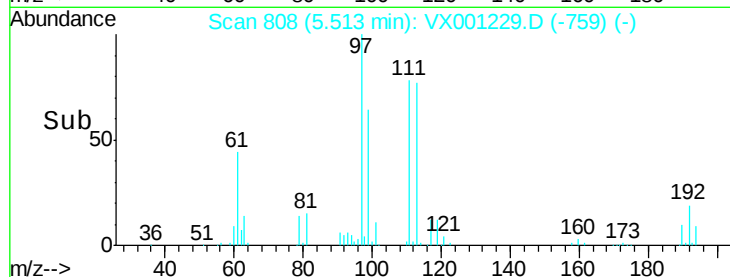
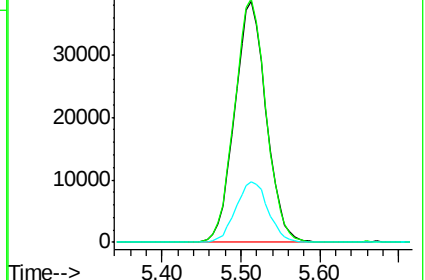
192 25.9 20.6 30.8



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: 49.93 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

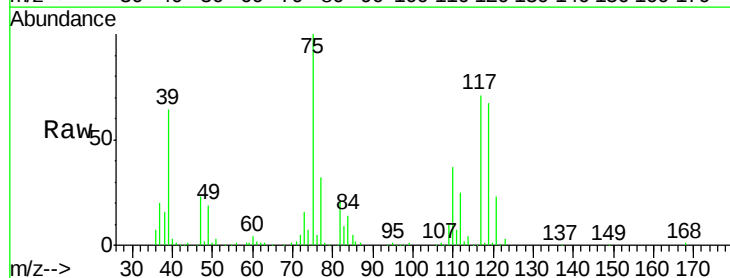
Tgt Ion: 75 Resp: 142906

Ion Ratio Lower Upper

75 100

110 37.4 19.0 57.0

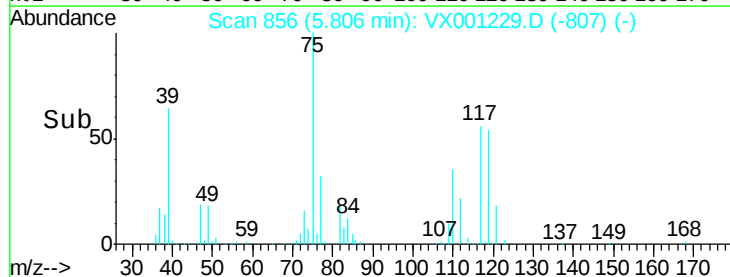
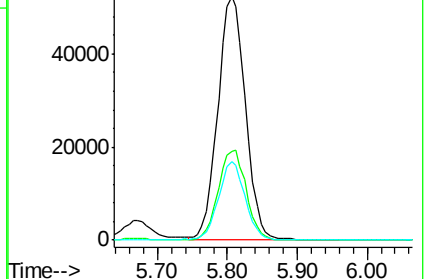
77 31.5 24.8 37.2

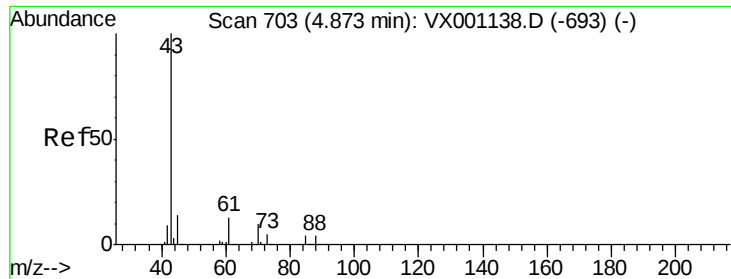


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

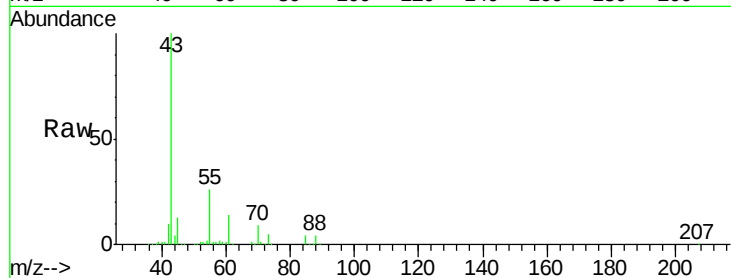




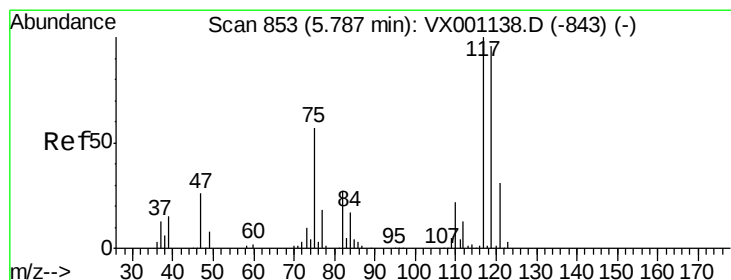
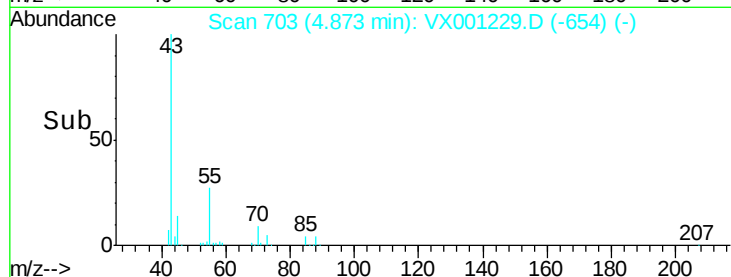
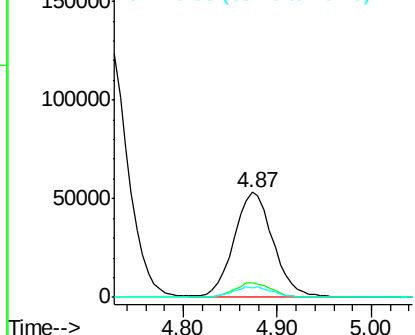
#37
Ethyl Acetate
Concen: 44.53 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 152641
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 10.0 8.2 12.2

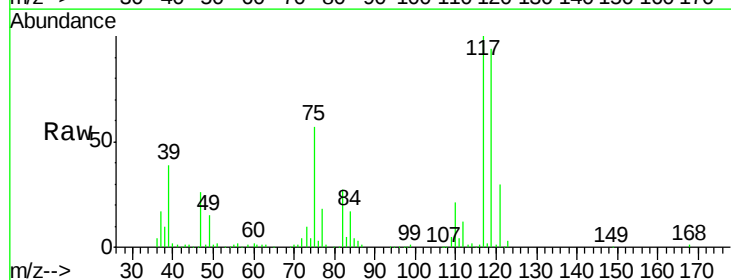


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

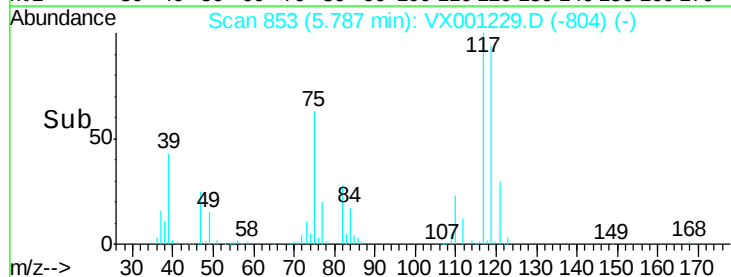
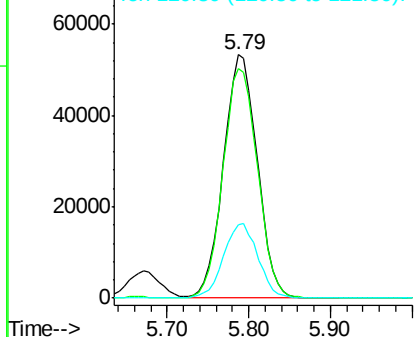


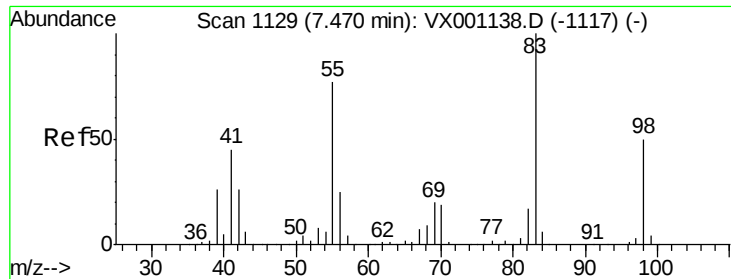
#38
Carbon Tetrachloride
Concen: 52.21 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 117 Resp: 153216
Ion Ratio Lower Upper
117 100
119 94.4 76.5 114.7
121 30.1 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

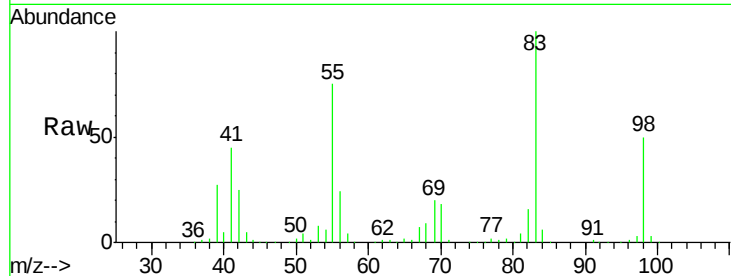




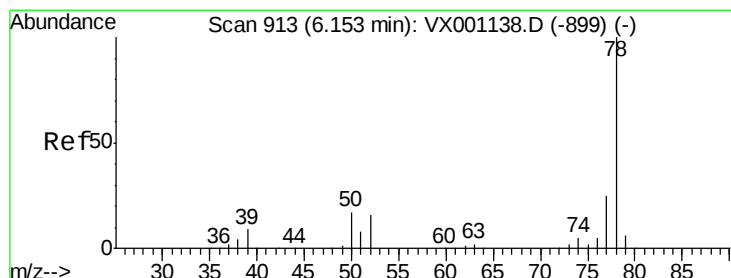
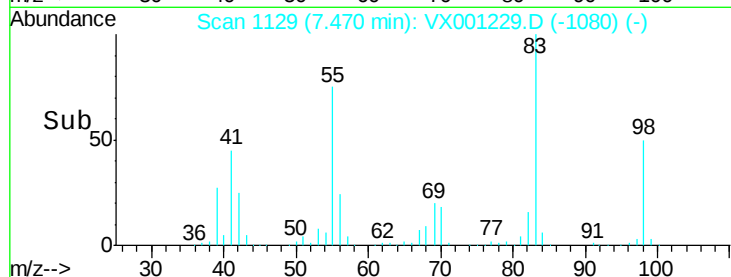
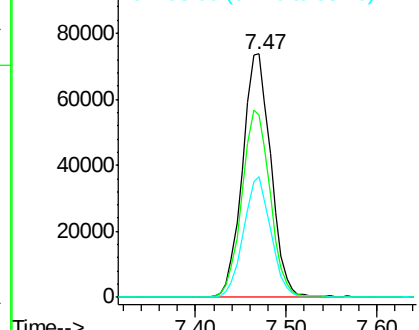
#39
Methylcyclohexane
Concen: 50.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 160830
Ion Ratio Lower Upper
83 100
55 74.8 61.8 92.6
98 49.7 40.0 60.0

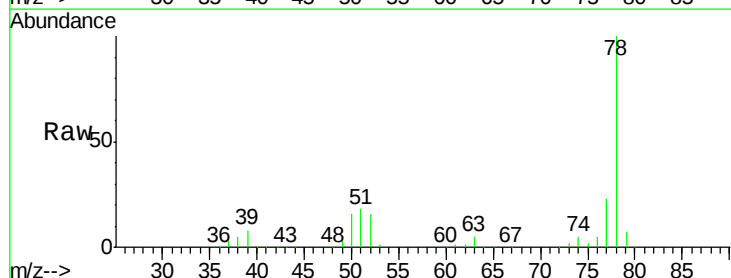


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

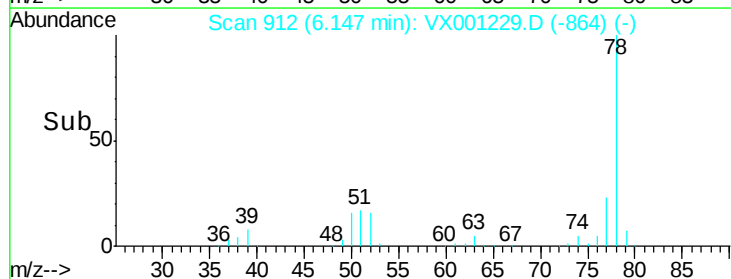
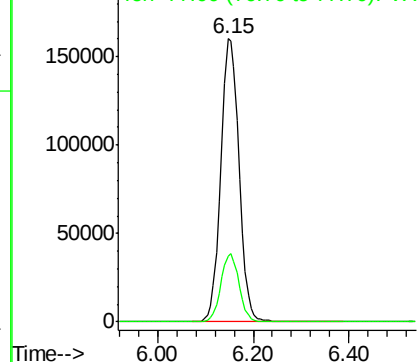


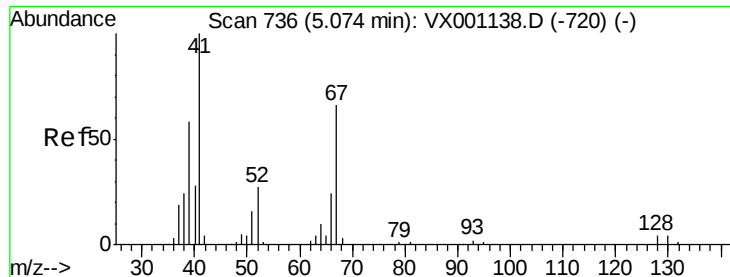
#40
Benzene
Concen: 51.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 78 Resp: 422336
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

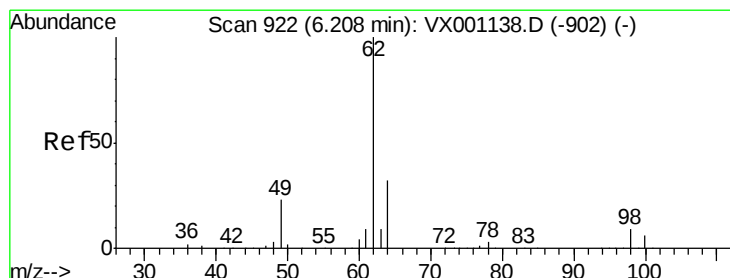
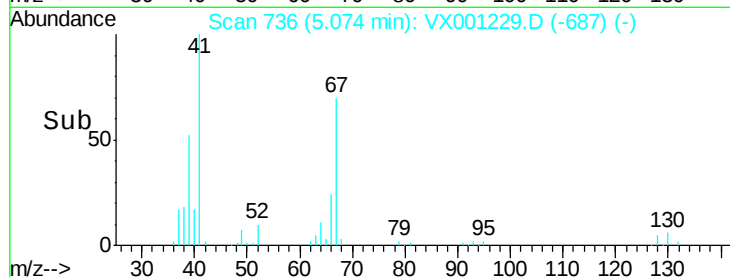
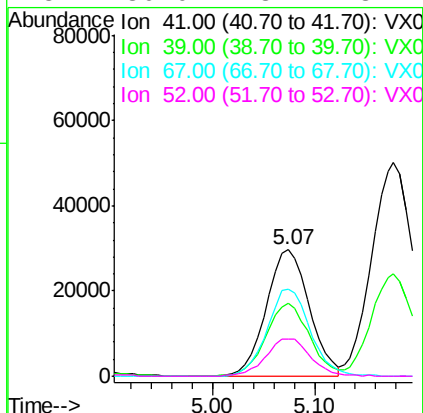
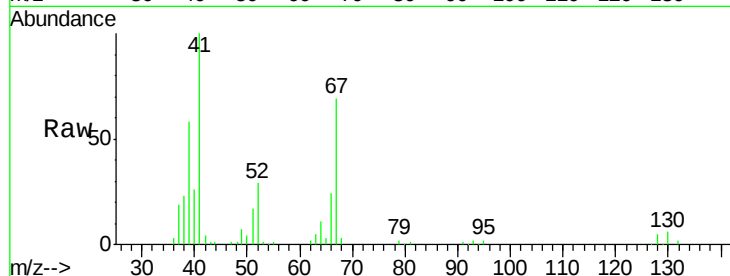




#41
Methacrylonitrile
Concen: 44.94 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

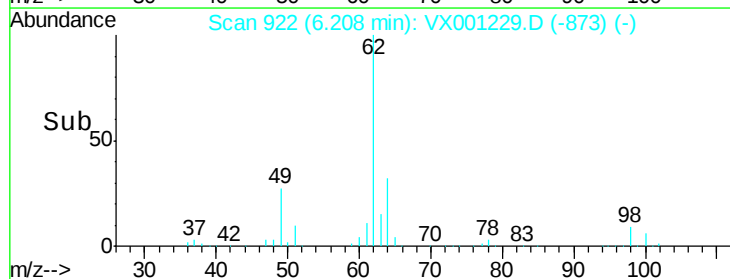
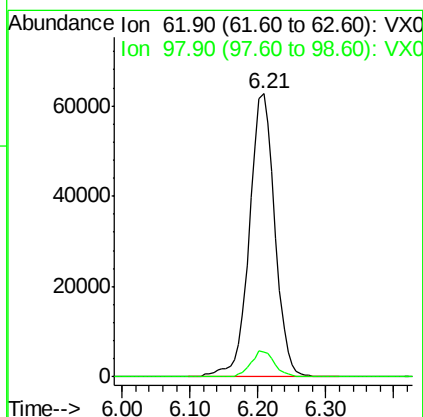
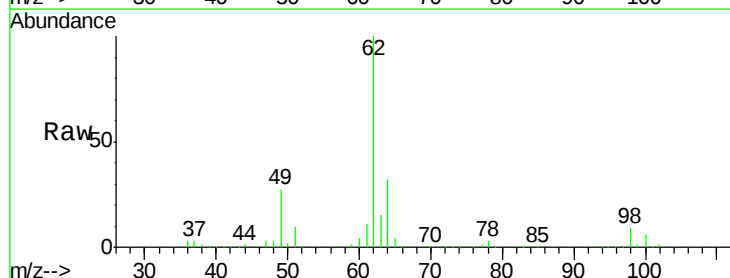
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

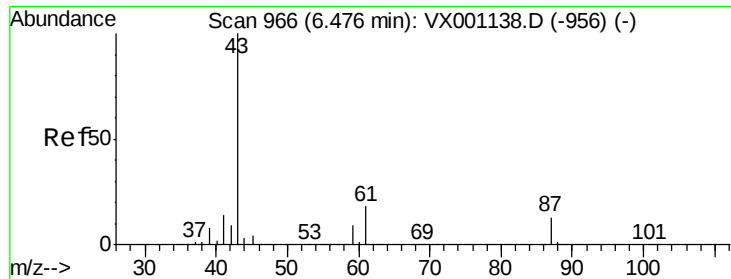
Tgt Ion:	41	Resp:	86544
Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.9	68.9
67	69.5	53.2	79.8
52	30.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 49.22 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:	62	Resp:	164205
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 47.06 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

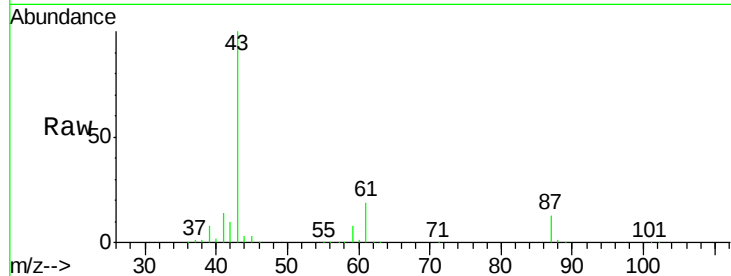
Tgt Ion: 43 Resp: 253299

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.6

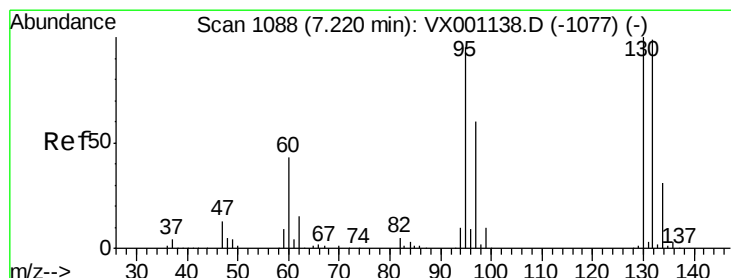
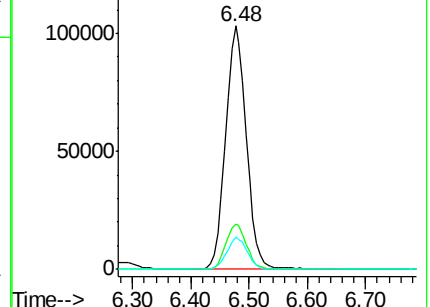
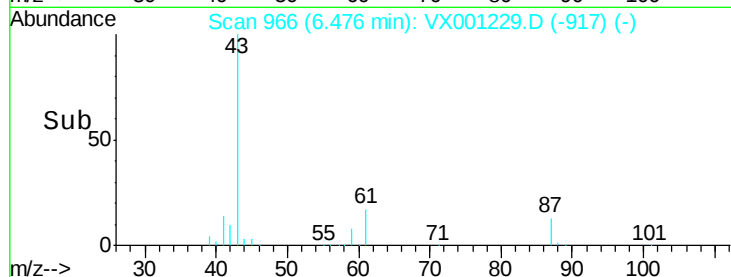
87 13.0 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VX001138.D (-956) (-)

Ion 87.00 (86.70 to 87.70): VX001138.D (-956) (-)



#44

Trichloroethene

Concen: 51.40 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001229.D

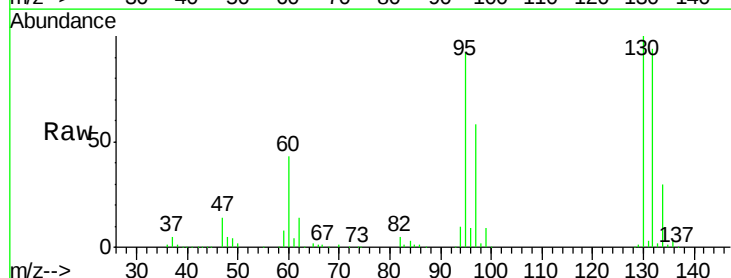
Acq: 28 Apr 2018 22:20

Tgt Ion: 130 Resp: 126792

Ion Ratio Lower Upper

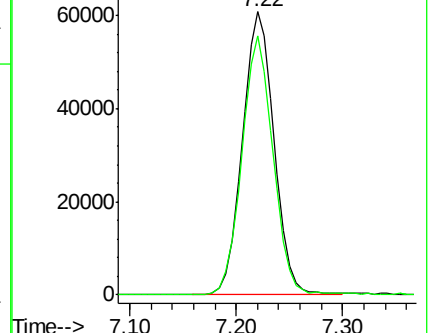
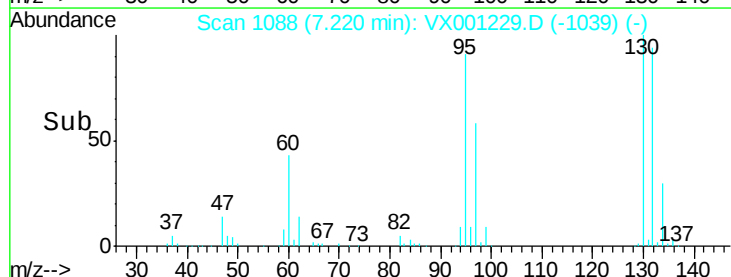
130 100

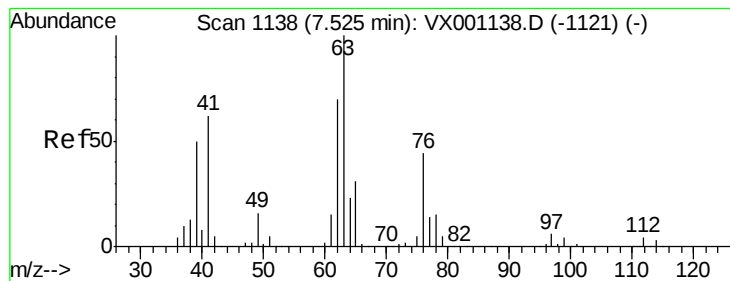
95 91.5 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001138.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001138.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 50.28 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

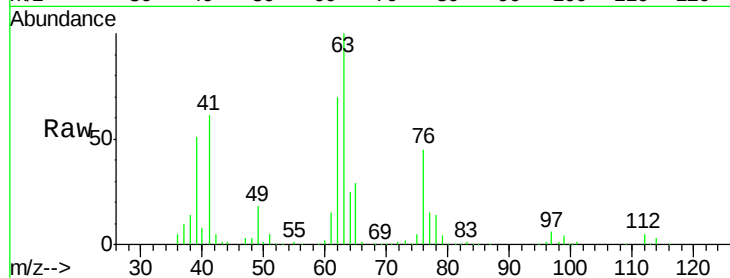
VSTDCCC050

Tgt Ion: 63 Resp: 109498

Ion Ratio Lower Upper

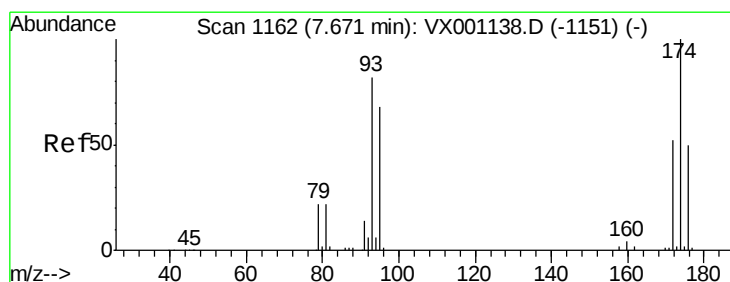
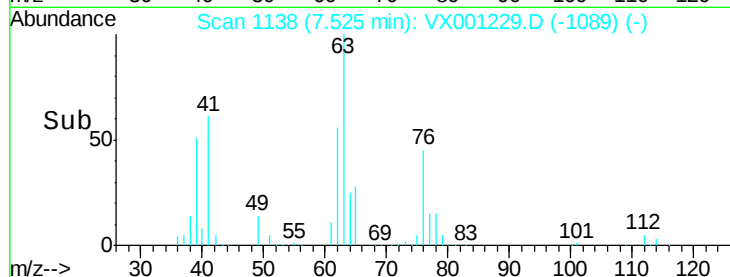
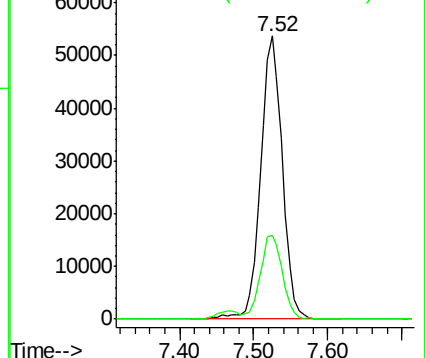
63 100

65 29.5 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: 50.66 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

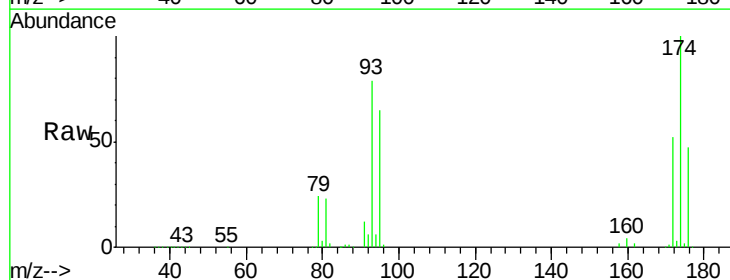
Tgt Ion: 93 Resp: 76400

Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

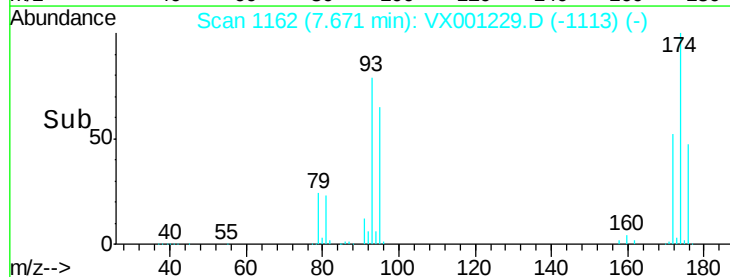
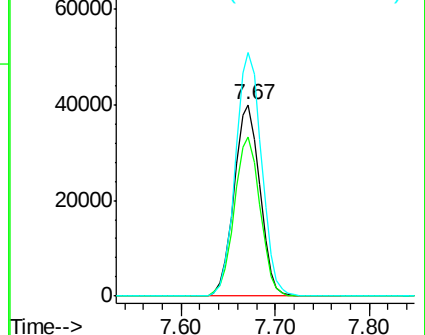
174 128.2 99.6 149.4

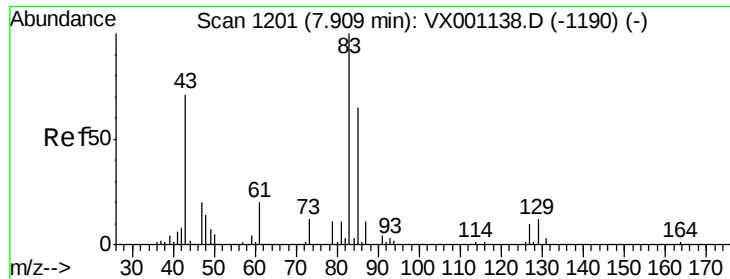


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

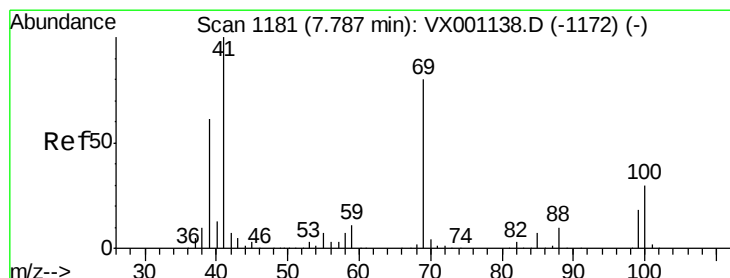
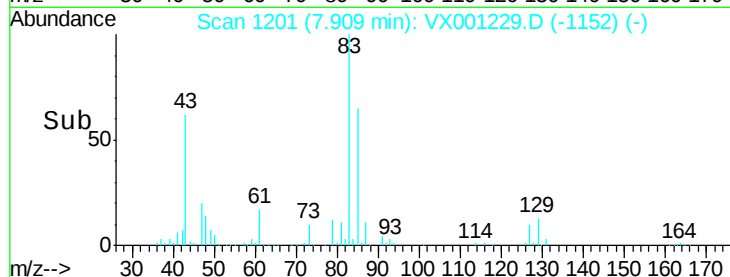
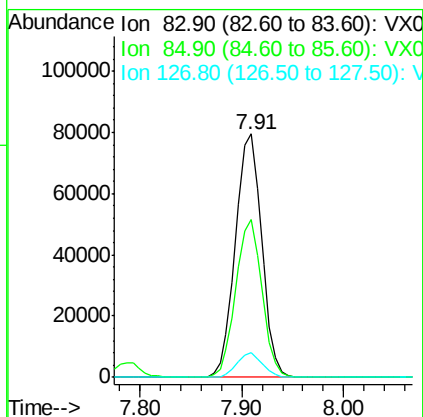
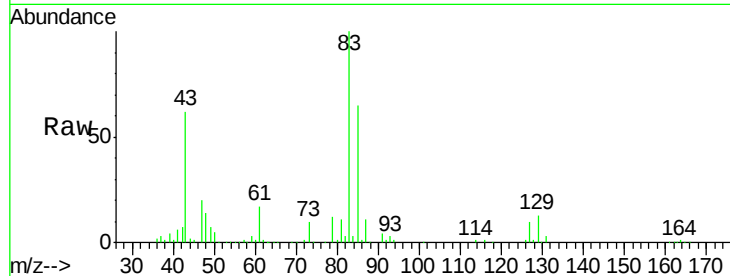




#47
 Bromodichloromethane
 Concen: 51.87 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

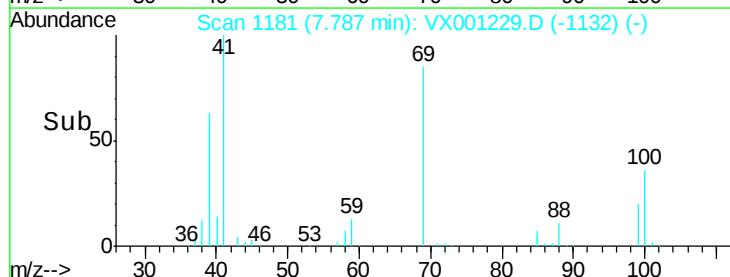
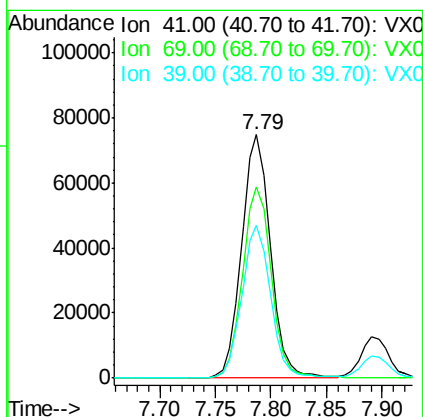
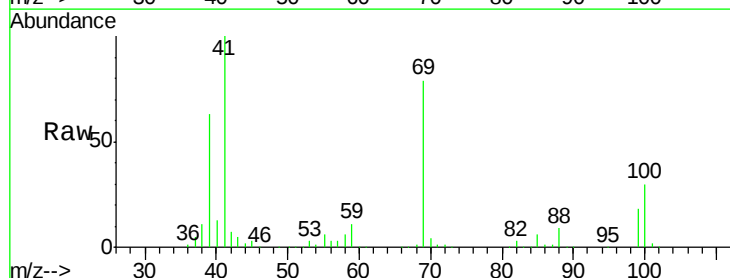
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

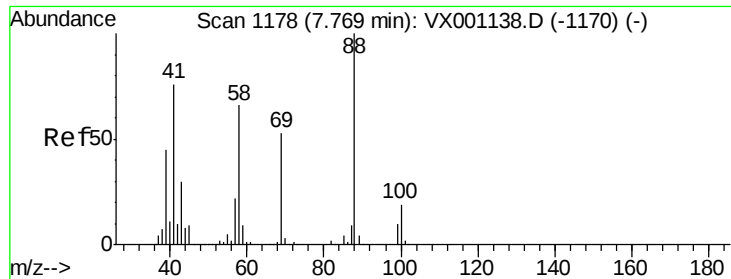
Tgt Ion: 83 Resp: 142112
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.9 77.9
 127 10.1 7.7 11.5



#48
 Methyl methacrylate
 Concen: 47.02 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion: 41 Resp: 134527
 Ion Ratio Lower Upper
 41 100
 69 79.1 62.4 93.6
 39 62.5 48.7 73.1

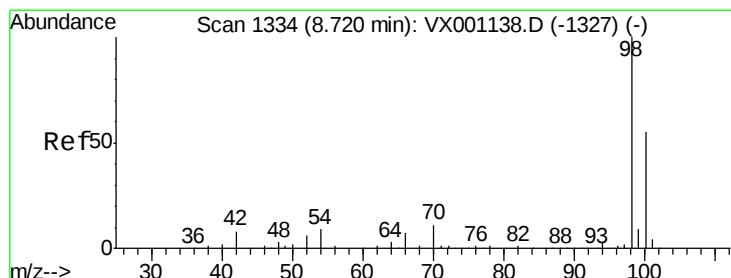
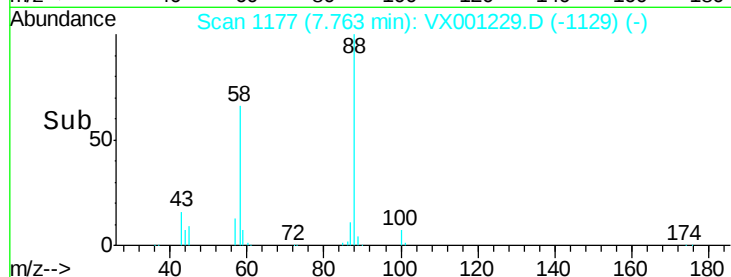
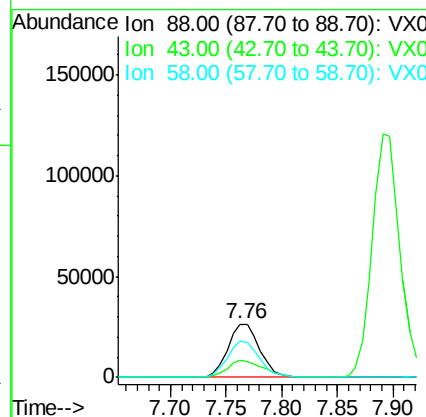
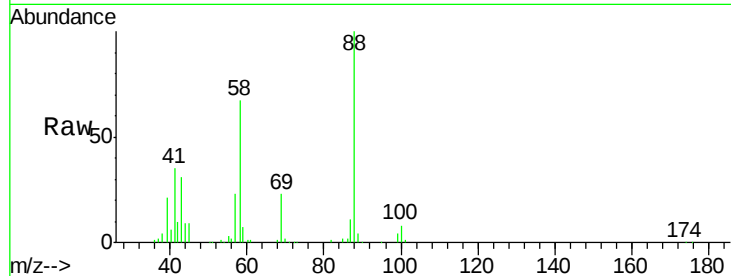




#49
 1,4-Dioxane
 Concen: 906.63 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

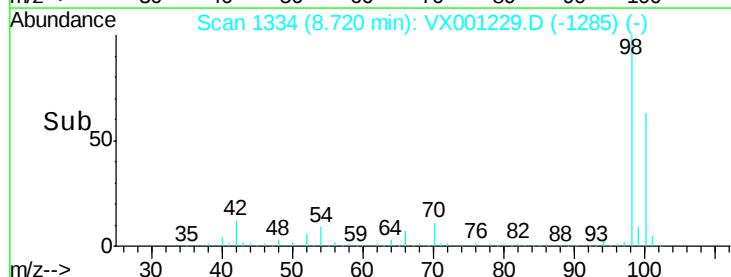
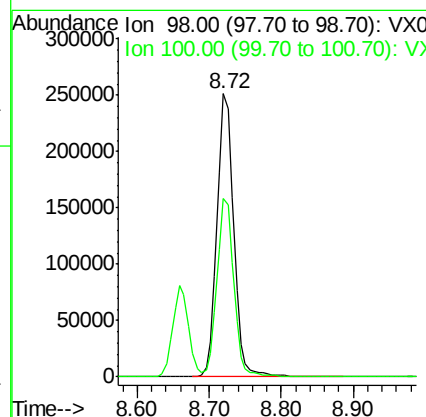
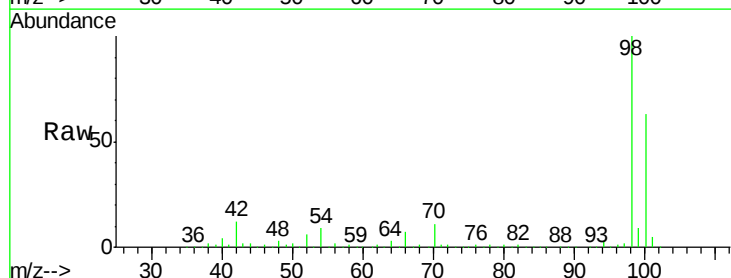
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

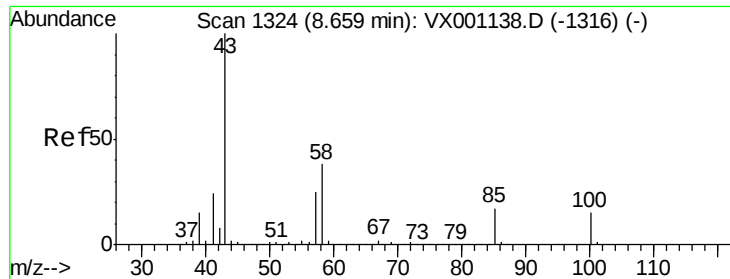
Tgt Ion: 88 Resp: 51937
 Ion Ratio Lower Upper
 88 100
 43 35.4 27.3 40.9
 58 68.4 54.2 81.4



#50
 Toluene-d8
 Concen: 49.91 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion: 98 Resp: 404955
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 239.43 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

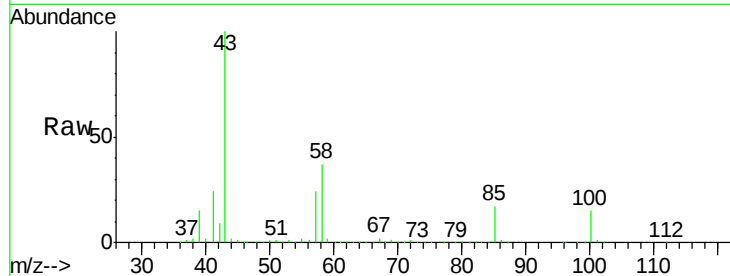
VSTDCCC050

Tgt Ion: 43 Resp: 846623

Ion Ratio Lower Upper

43 100

58 37.4 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

600000

500000

400000

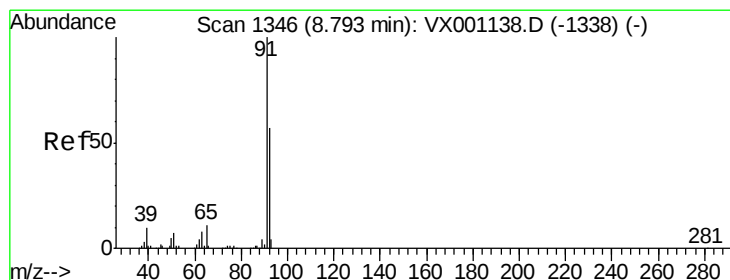
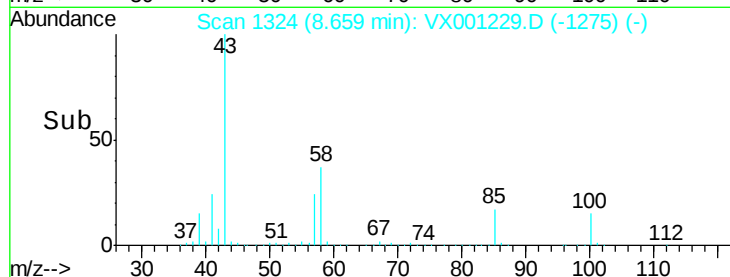
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.38 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001229.D

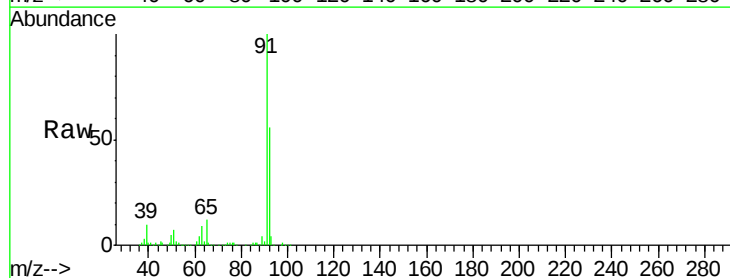
Acq: 28 Apr 2018 22:20

Tgt Ion: 92 Resp: 278168

Ion Ratio Lower Upper

92 100

91 176.0 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

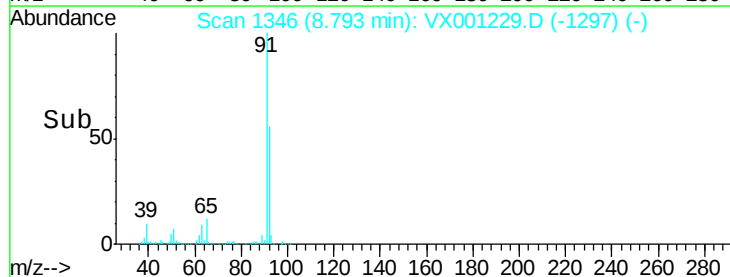
300000

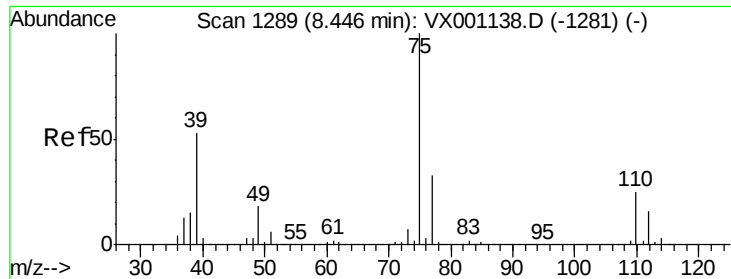
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.95 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

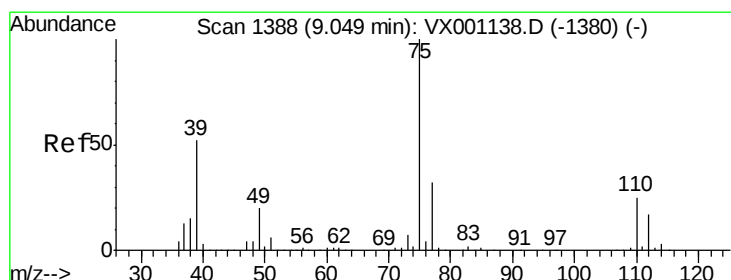
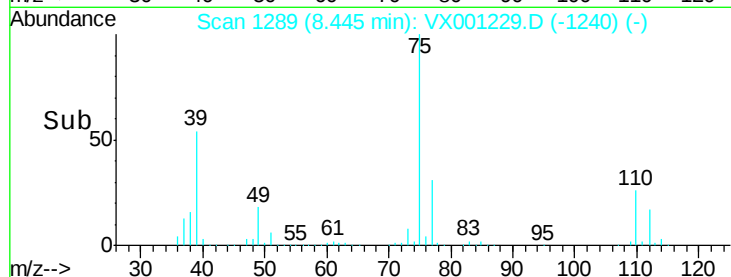
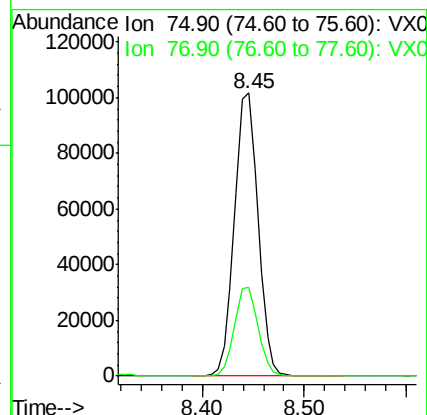
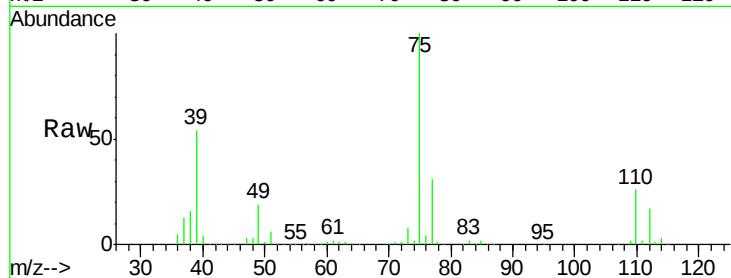
VSTDCCC050

Tgt Ion: 75 Resp: 162296

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 44.63 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

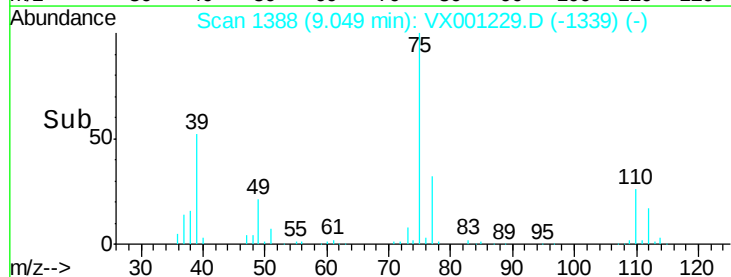
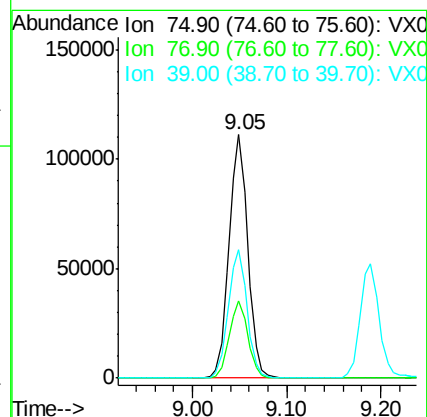
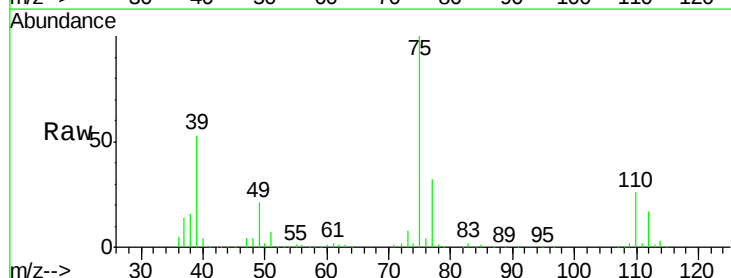
Tgt Ion: 75 Resp: 153081

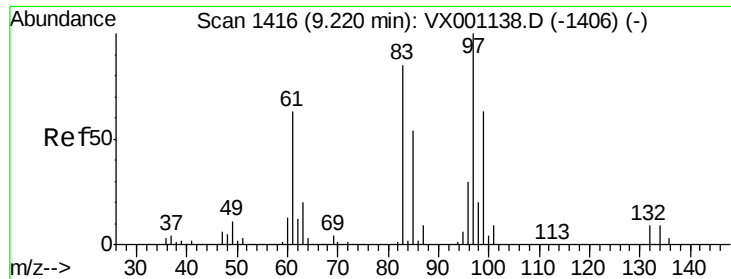
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 52.6 42.0 63.0

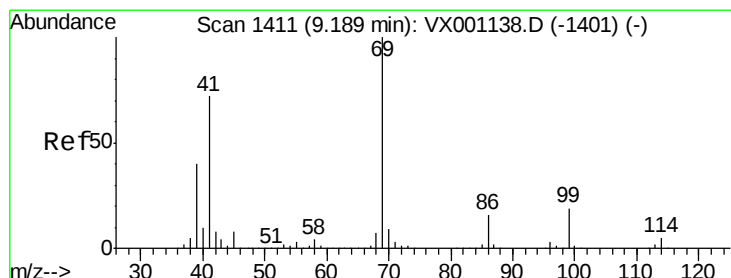
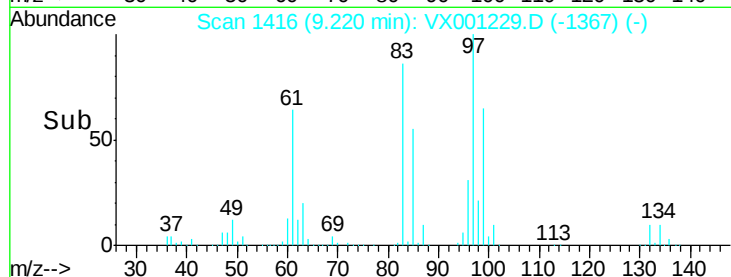
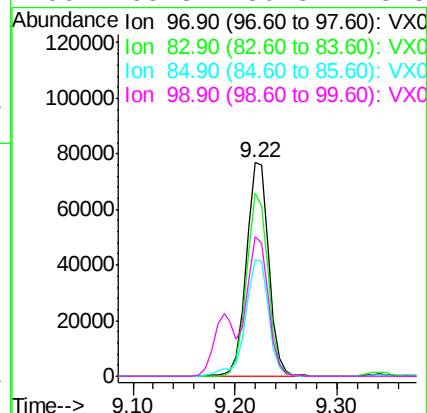
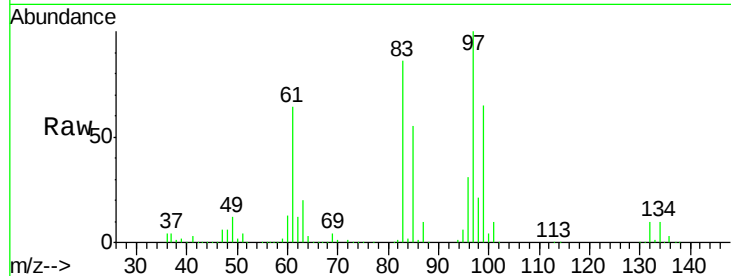




#55
 1,1,2-Trichloroethane
 Concen: 50.65 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

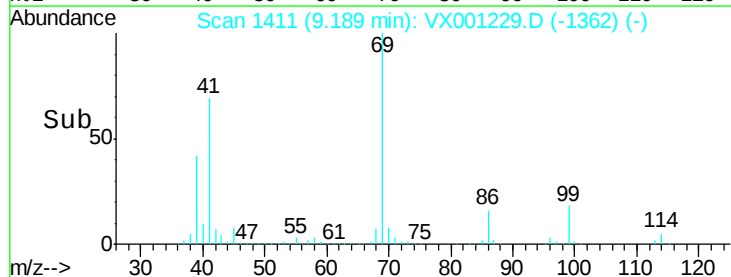
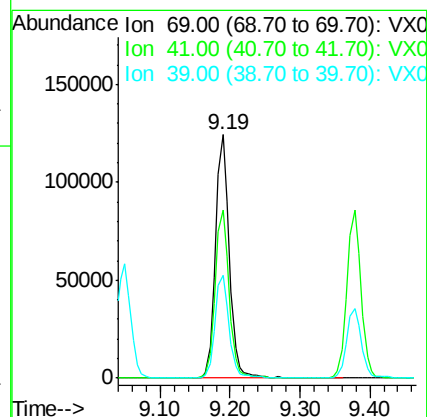
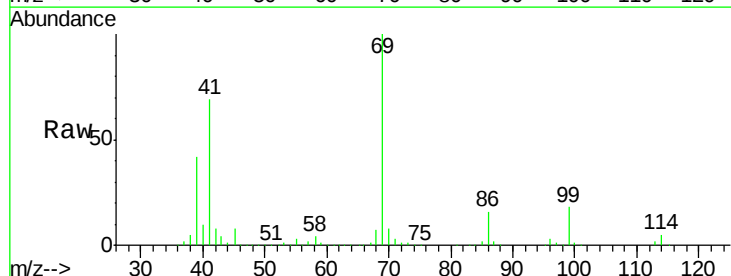
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

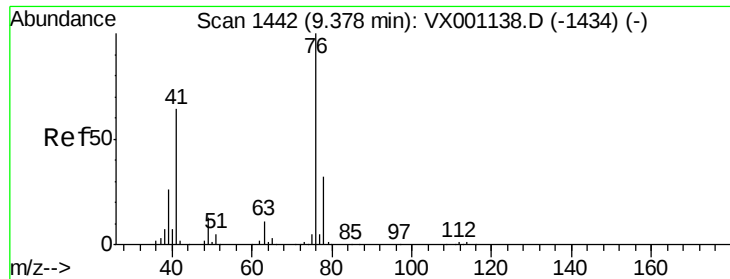
Tgt Ion:	97	Resp:	116037
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.0	102.0
85	54.6	42.9	64.3
99	65.3	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 50.41 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion:	69	Resp:	171085
Ion	Ratio	Lower	Upper
69	100		
41	69.7	57.7	86.5
39	43.0	33.3	49.9





#57

1,3-Dichloropropane

Concen: 50.00 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

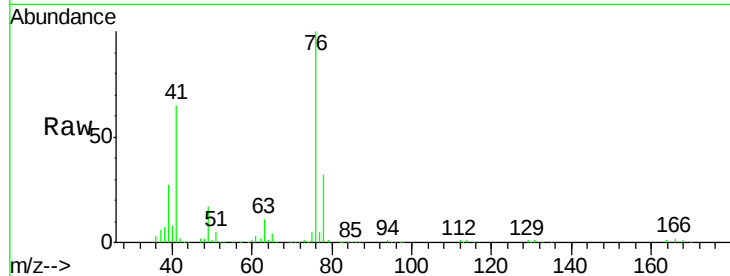
VSTDCCC050

Tgt Ion: 76 Resp: 185275

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

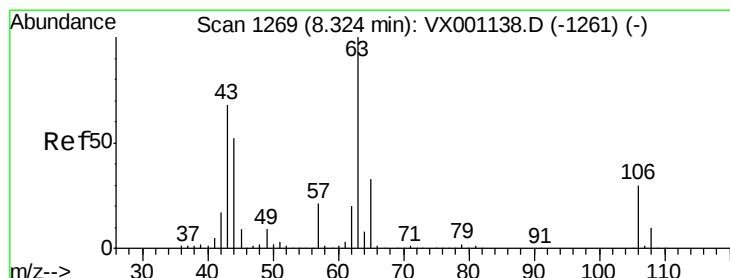
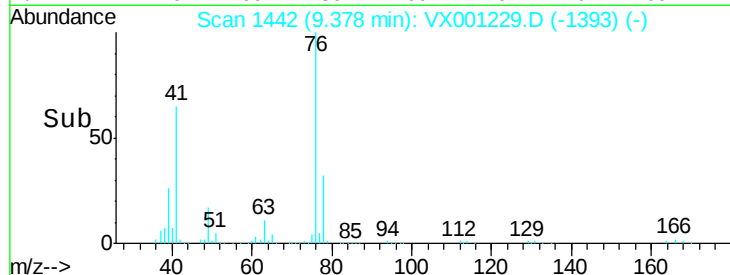
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 244.47 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001229.D

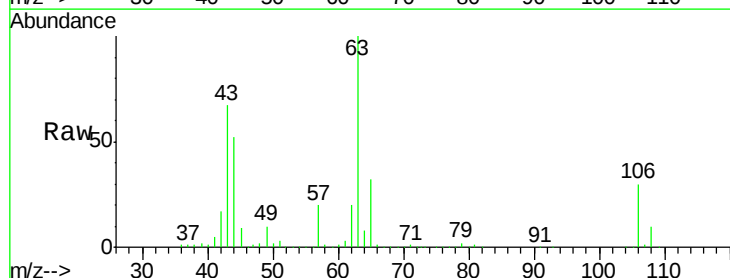
Acq: 28 Apr 2018 22:20

Tgt Ion: 63 Resp: 392256

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

250000

200000

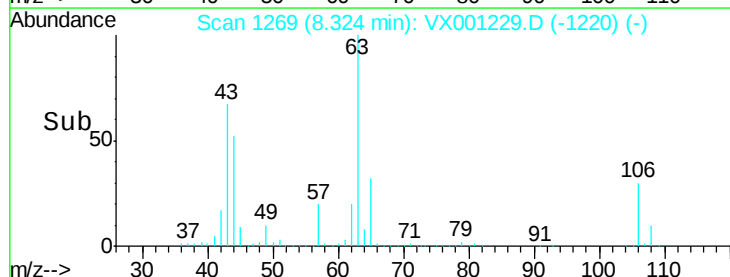
150000

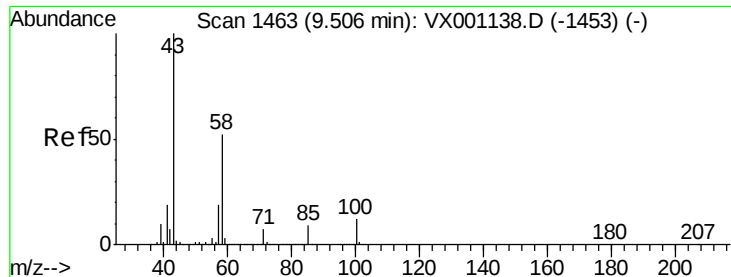
100000

50000

0

Time-->

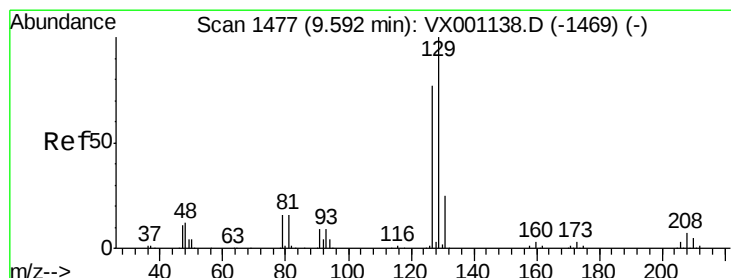
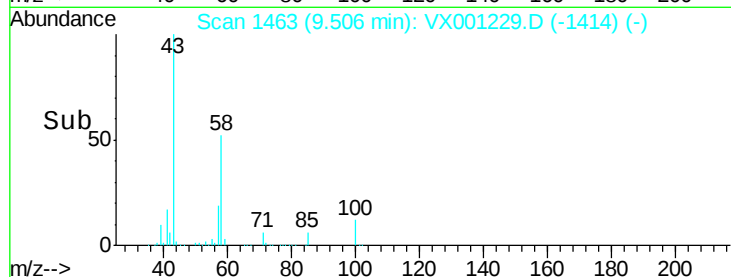
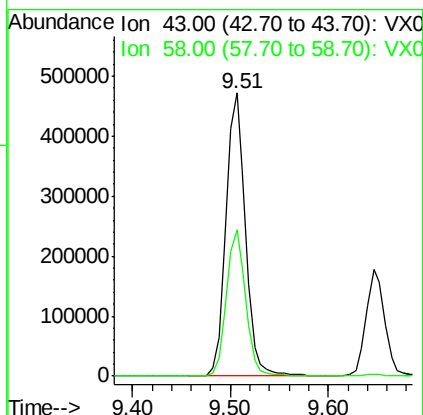
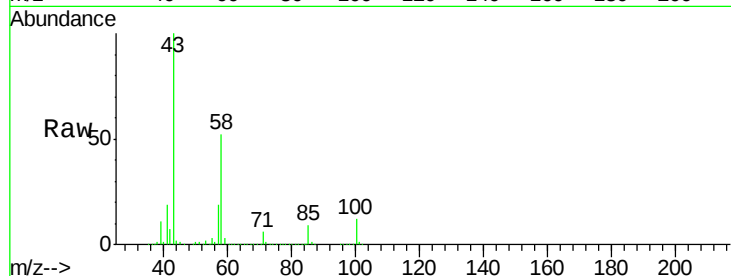




#59
2-Hexanone
Concen: 234.56 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

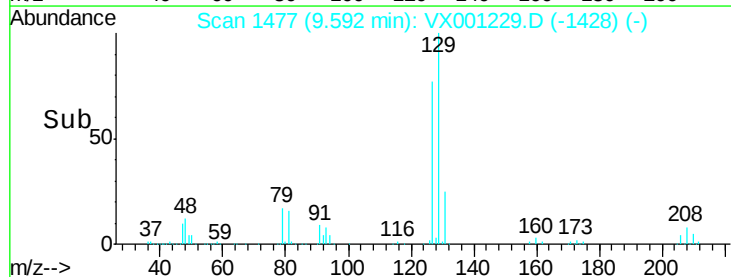
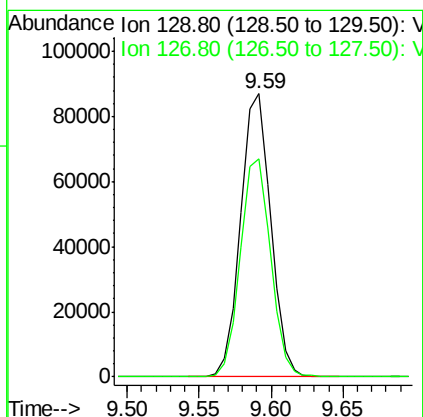
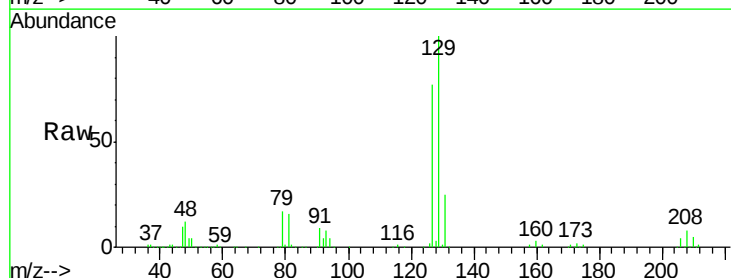
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

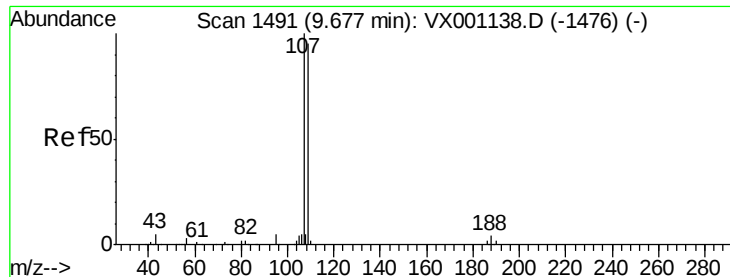
Tgt Ion: 43 Resp: 649840
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.4



#60
Dibromochloromethane
Concen: 47.35 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion: 129 Resp: 126194
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

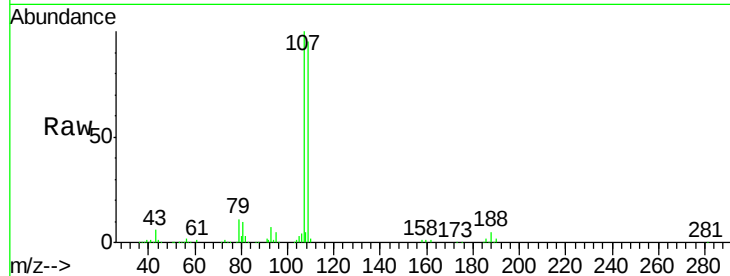
VSTDCCC050

Tgt Ion: 107 Resp: 123330

Ion Ratio Lower Upper

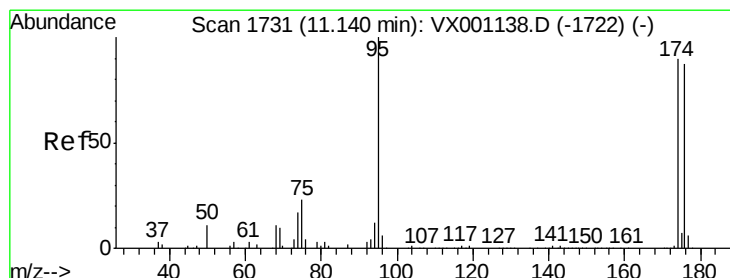
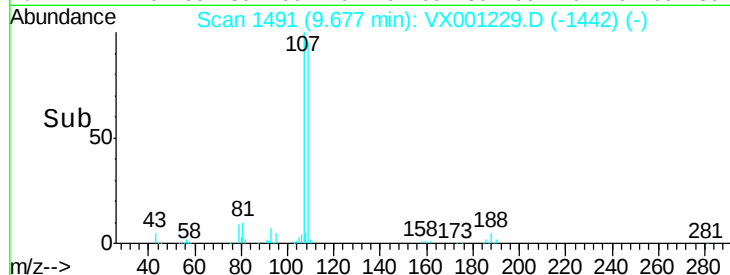
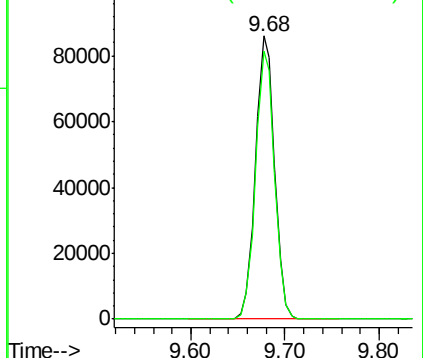
107 100

109 94.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

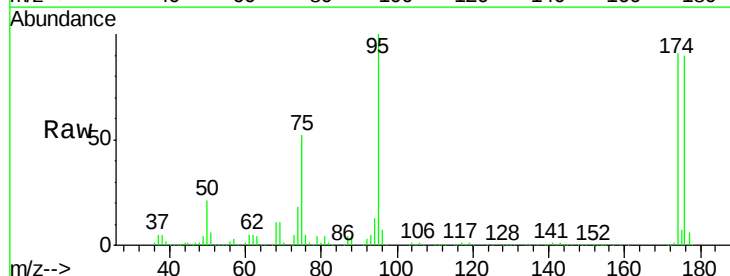
Tgt Ion: 95 Resp: 156738

Ion Ratio Lower Upper

95 100

174 100.4 0.0 194.4

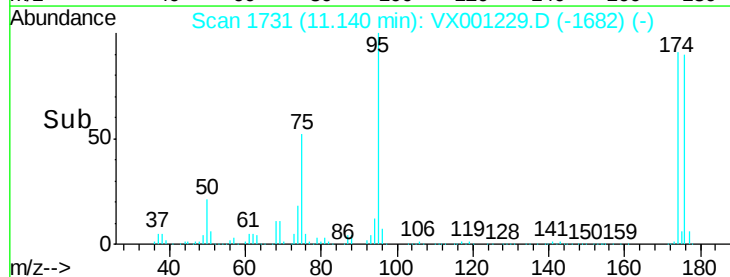
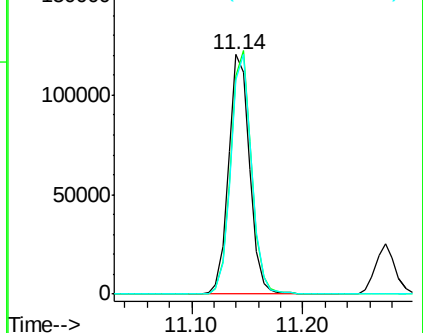
176 98.9 0.0 190.2

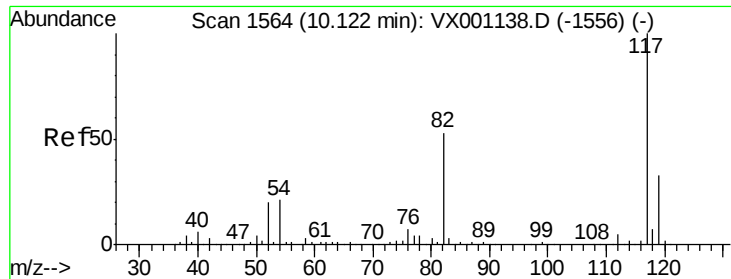


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

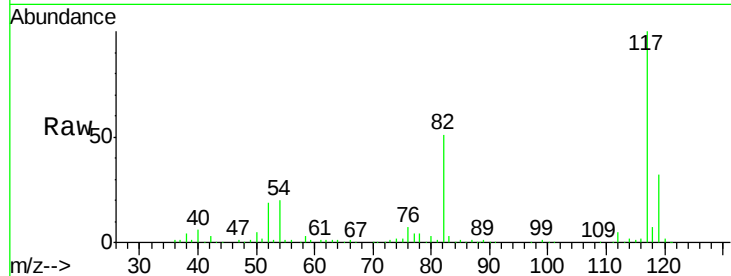




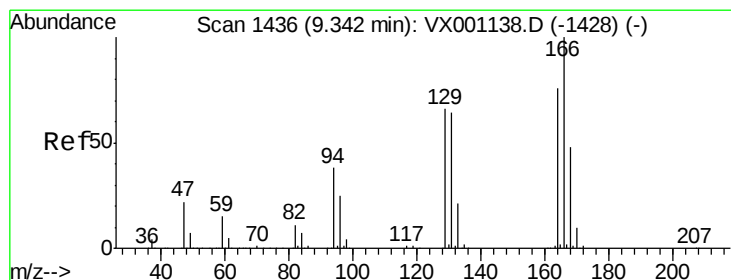
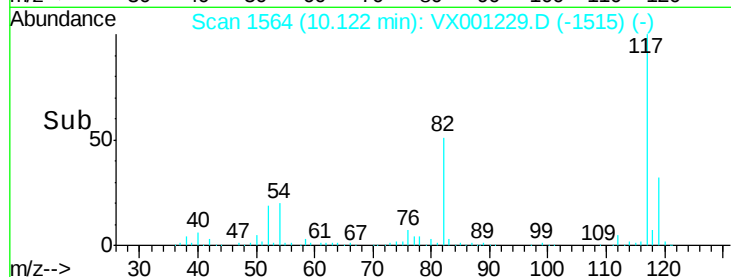
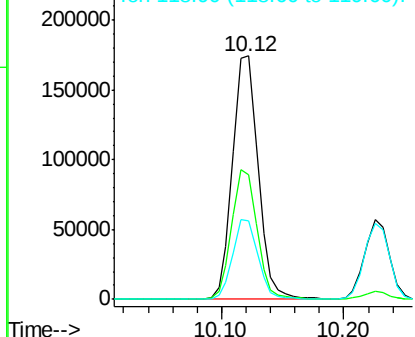
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 253012
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 32.5 26.1 39.1



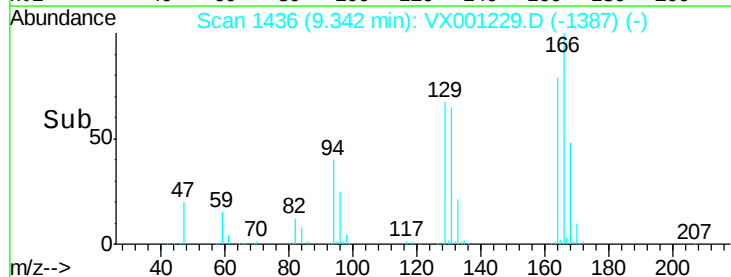
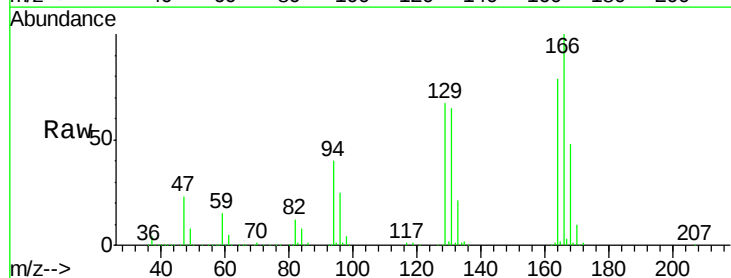
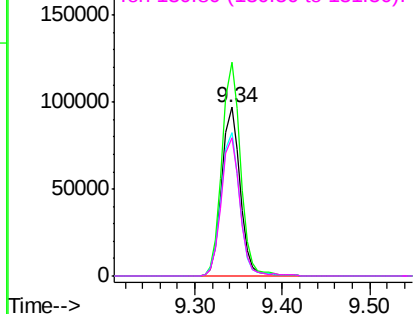
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

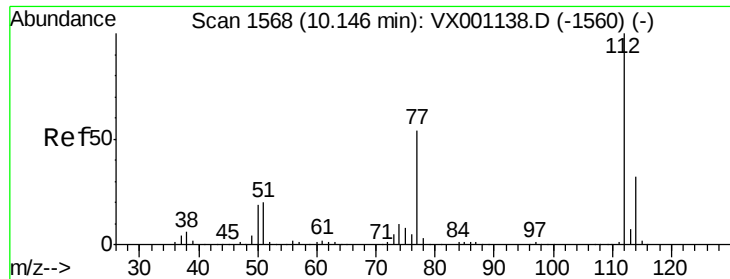


#64
Tetrachloroethene
Concen: 52.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:164 Resp: 141240
Ion Ratio Lower Upper
164 100
166 126.7 105.0 157.6
129 84.8 69.4 104.2
131 82.0 67.3 100.9

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

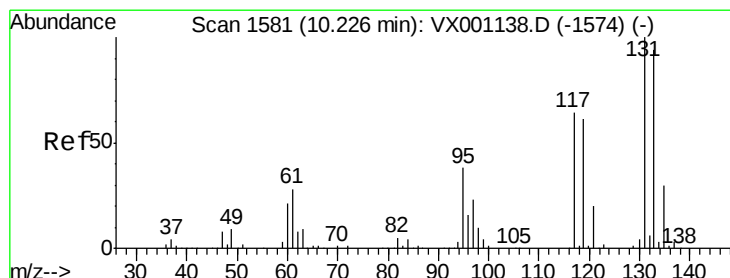
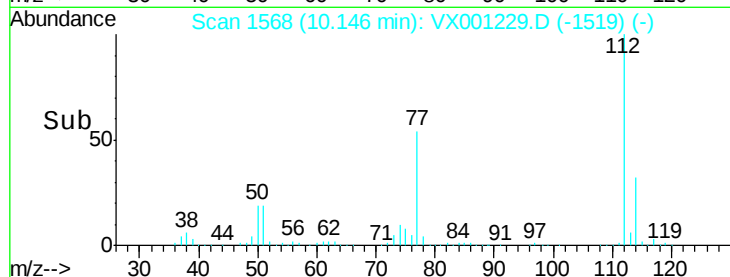
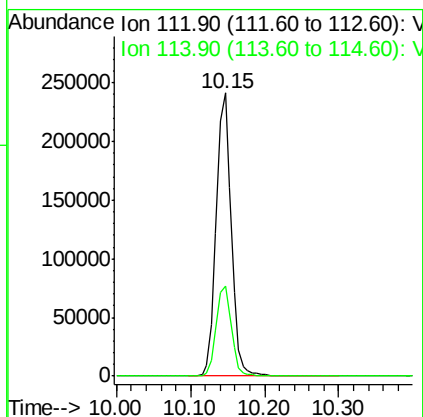
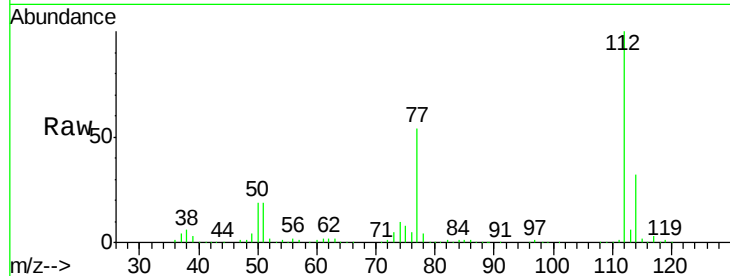




#65
Chlorobenzene
Concen: 50.58 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

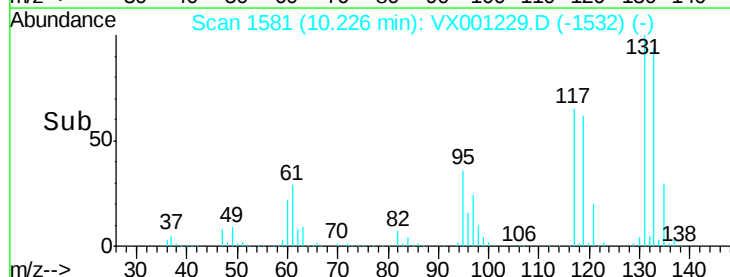
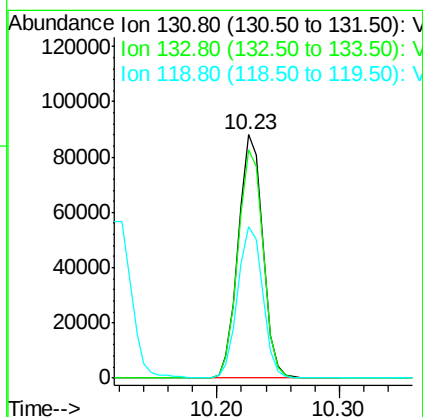
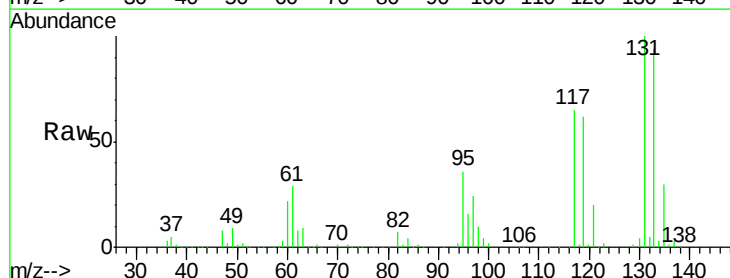
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

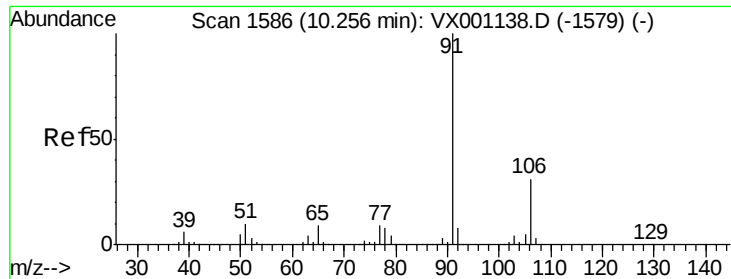
Tgt Ion:112 Resp: 335278
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.22 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:131 Resp: 122065
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 63.3 31.3 93.8





#67

Ethyl Benzene

Concen: 51.10 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

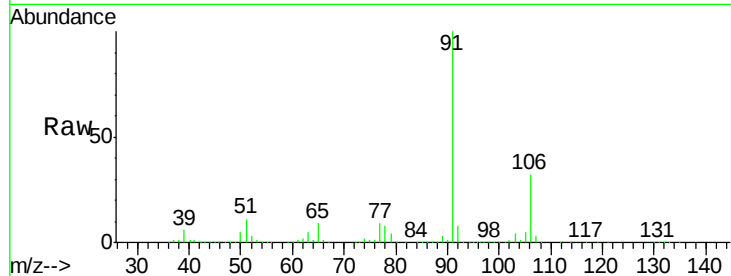
VSTDCCC050

Tgt Ion: 91 Resp: 550313

Ion Ratio Lower Upper

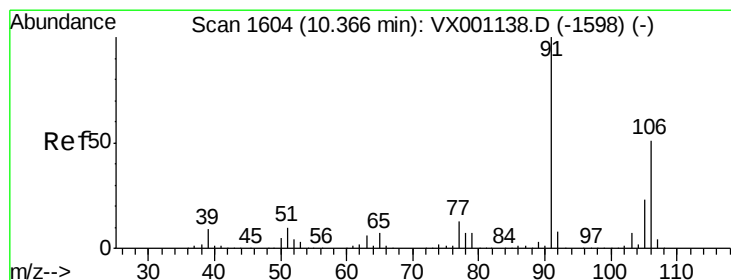
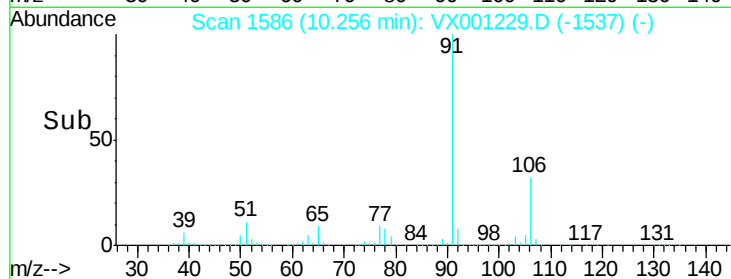
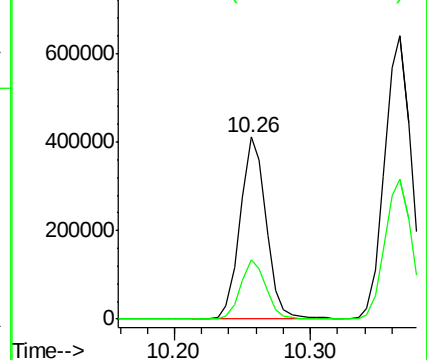
91 100

106 32.3 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: 103.62 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001229.D

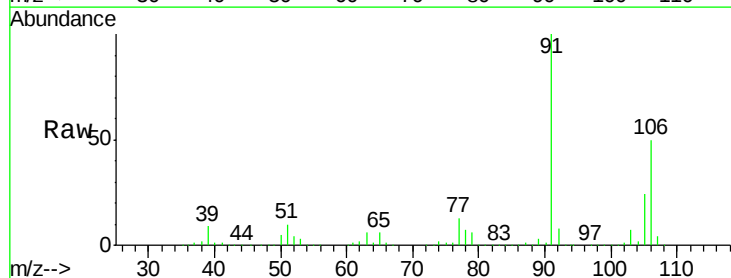
Acq: 28 Apr 2018 22:20

Tgt Ion: 106 Resp: 441191

Ion Ratio Lower Upper

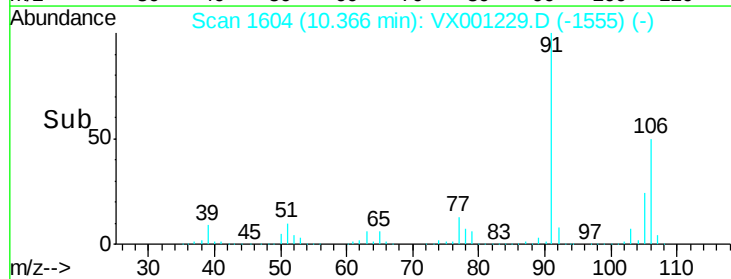
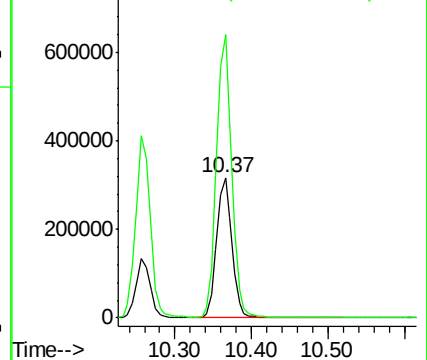
106 100

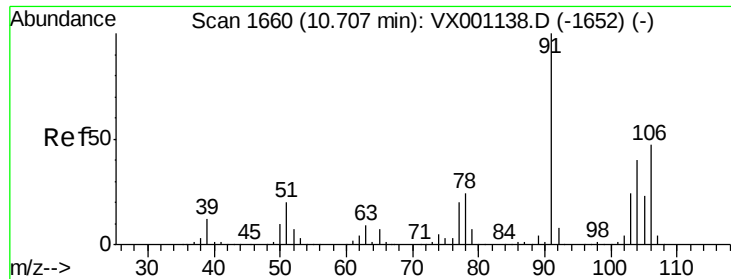
91 202.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

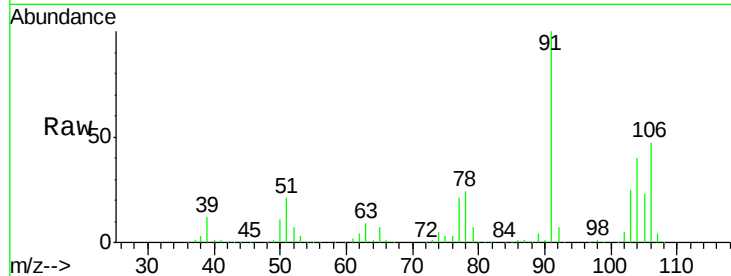




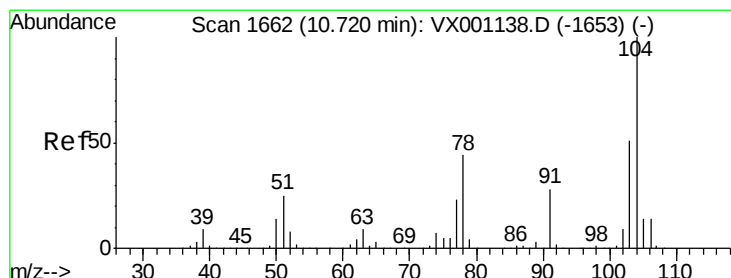
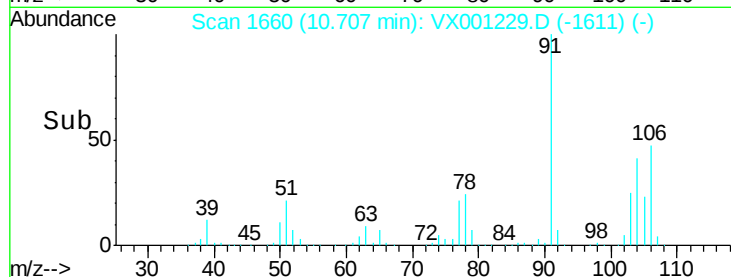
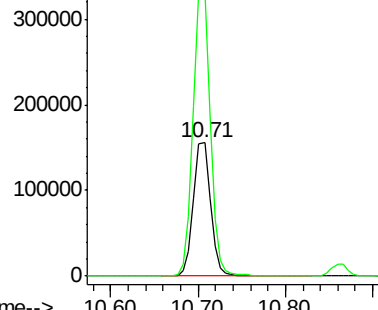
#69
o-Xylene
Concen: 51.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 212787
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.5

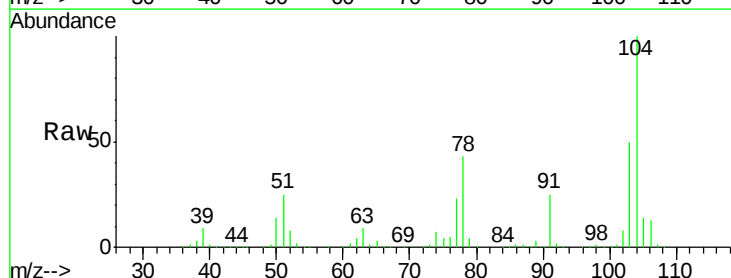


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

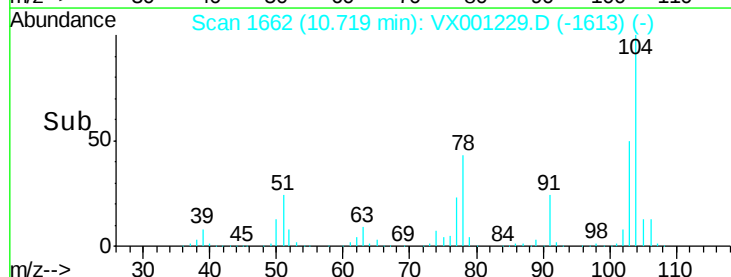
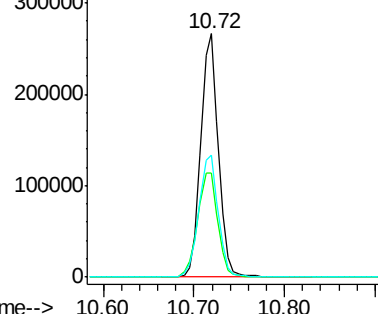


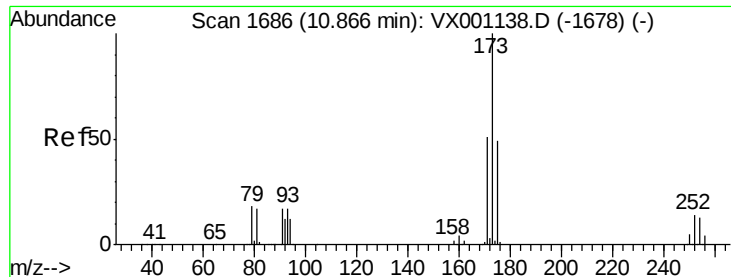
#70
Styrene
Concen: 52.27 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:104 Resp: 359260
Ion Ratio Lower Upper
104 100
78 49.7 40.3 60.5
103 55.4 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: 43.19 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

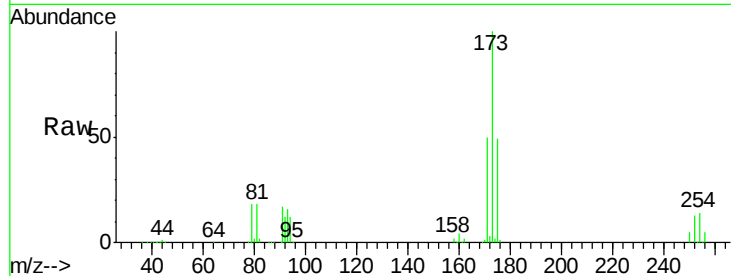
Tgt Ion:173 Resp: 102394

Ion Ratio Lower Upper

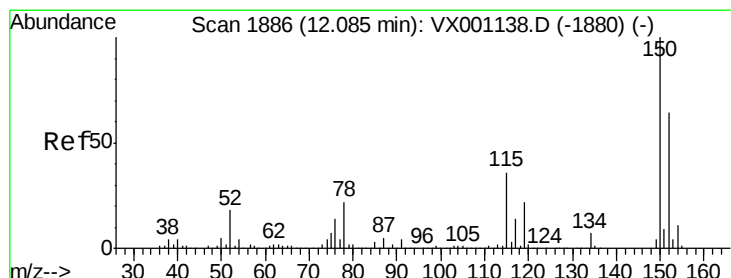
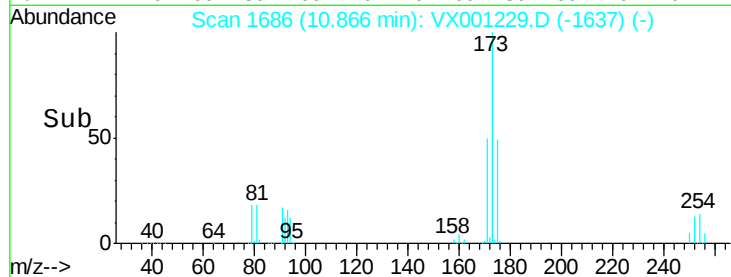
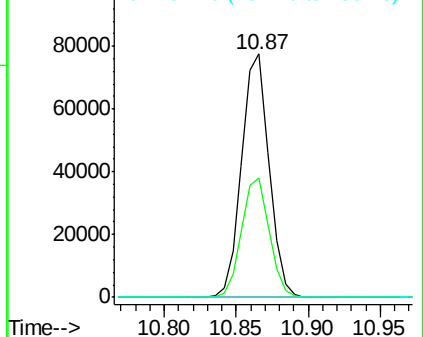
173 100

175 49.7 24.6 73.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

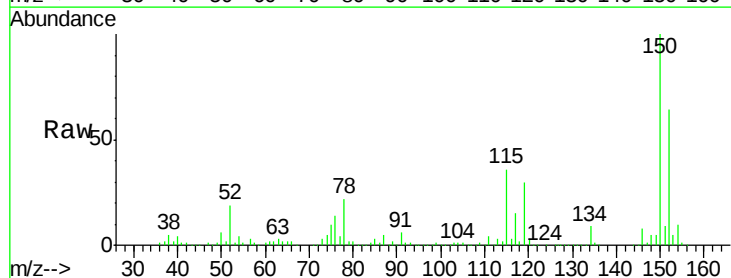
Tgt Ion:152 Resp: 177568

Ion Ratio Lower Upper

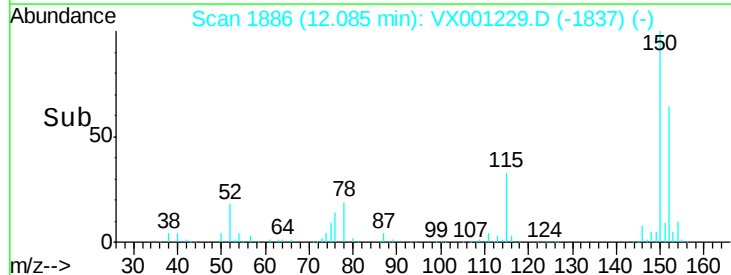
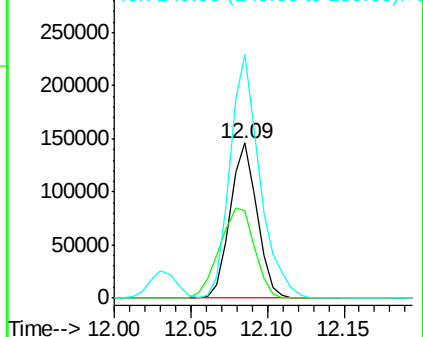
152 100

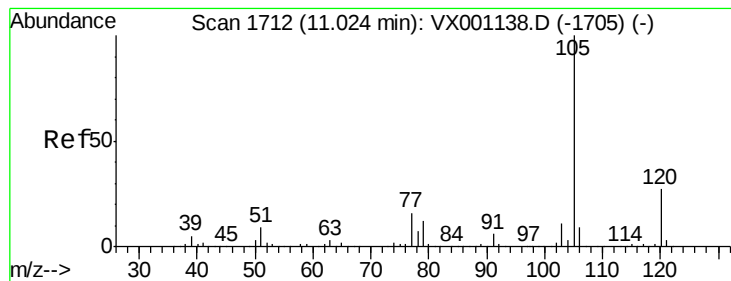
115 76.6 38.0 114.0

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: 49.91 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

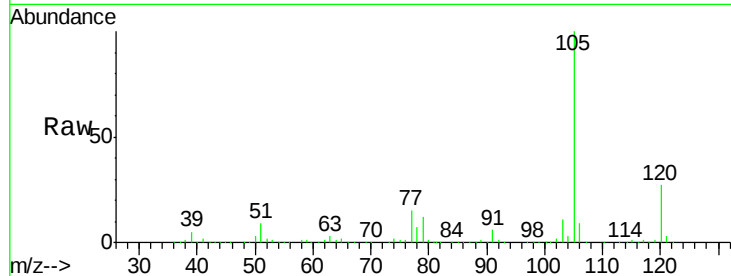
VSTDCCC050

Tgt Ion: 105 Resp: 577650

Ion Ratio Lower Upper

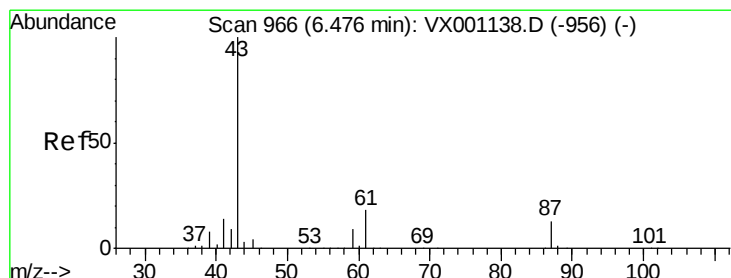
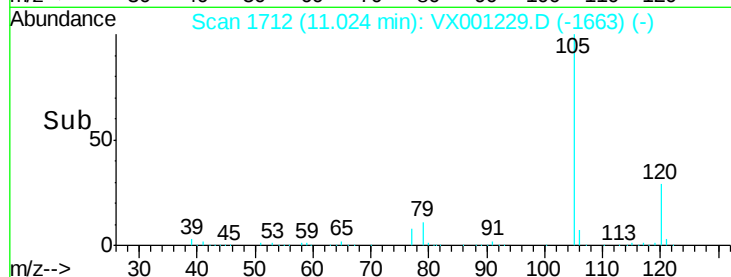
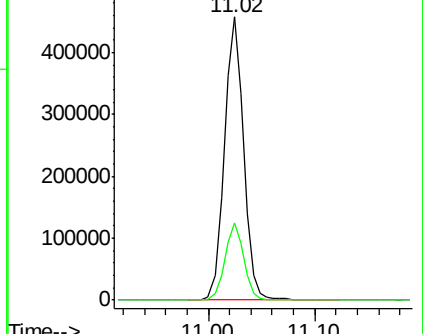
105 100

120 26.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.43 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Tgt Ion: 43 Resp: 253299

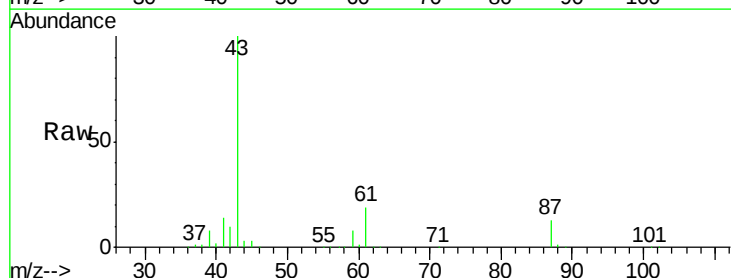
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.6 15.0 22.6

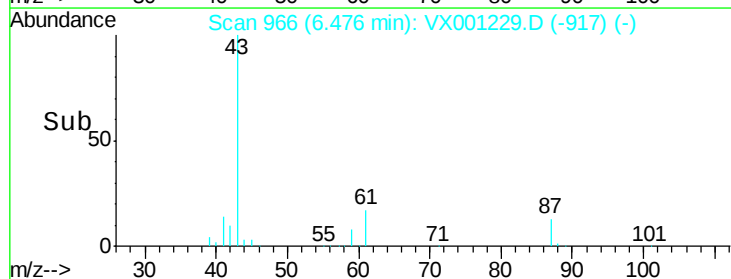
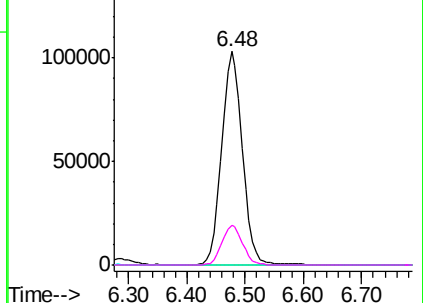


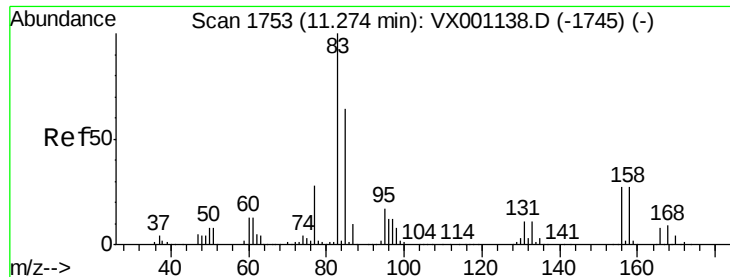
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

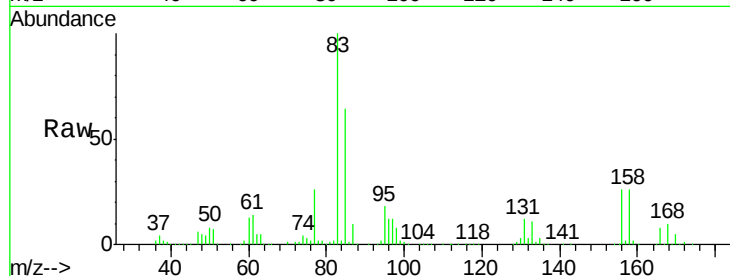
Tgt Ion: 83 Resp: 177549

Ion Ratio Lower Upper

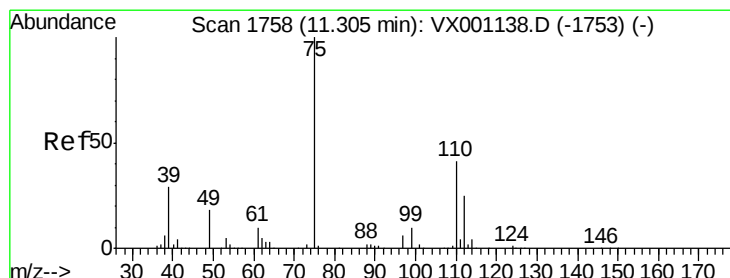
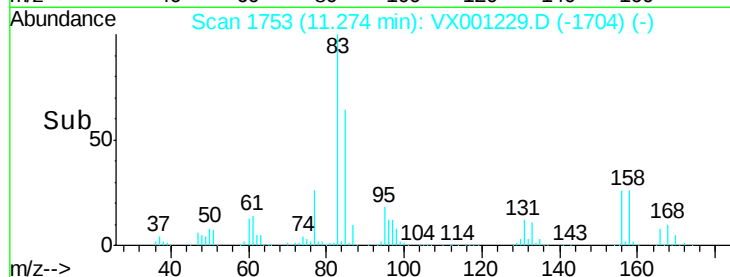
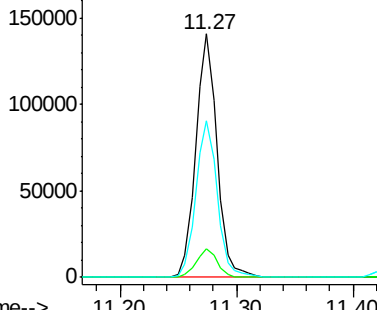
83 100

131 11.6 5.8 17.4

85 65.3 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: 53.47 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001229.D

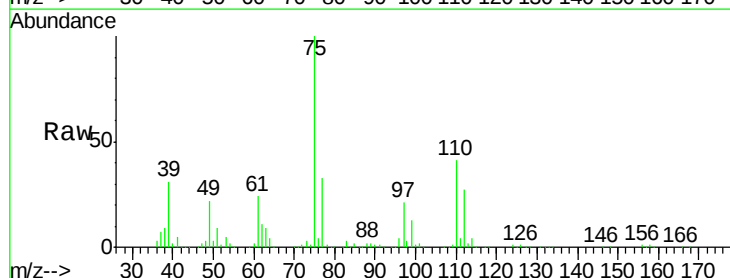
Acq: 28 Apr 2018 22:20

Tgt Ion: 75 Resp: 193334

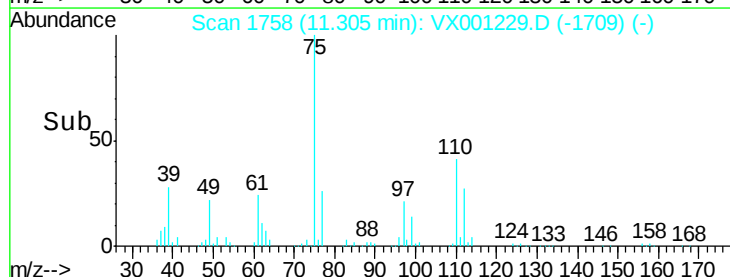
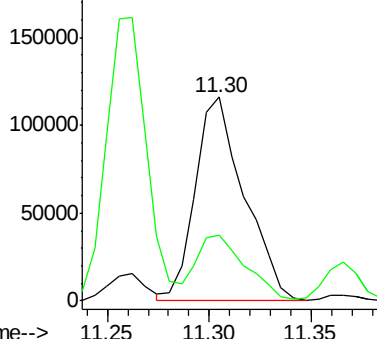
Ion Ratio Lower Upper

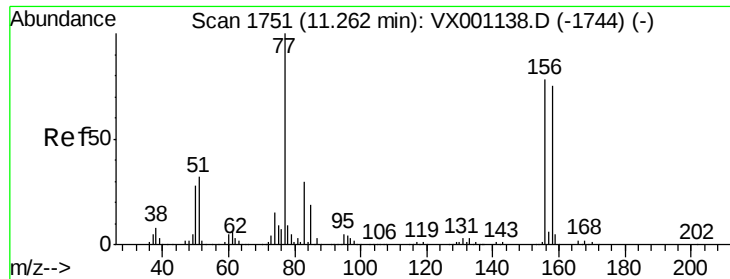
75 100

77 32.0 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: 49.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

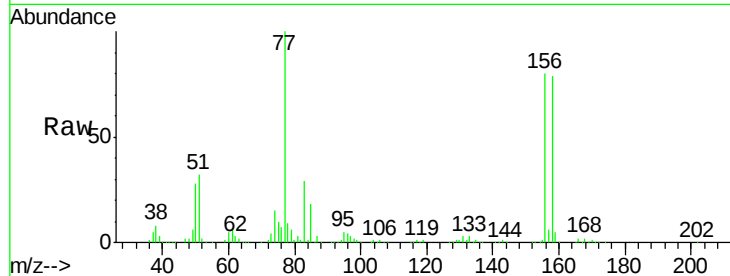
Tgt Ion:156 Resp: 168598

Ion Ratio Lower Upper

156 100

77 131.4 67.8 203.2

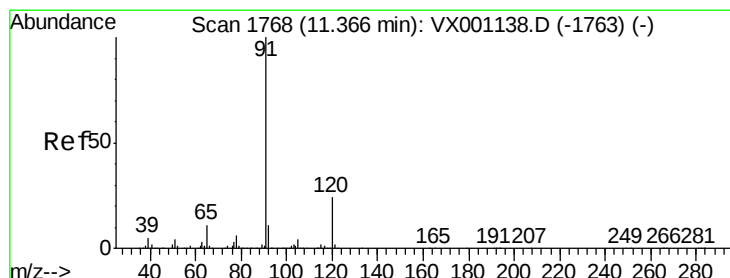
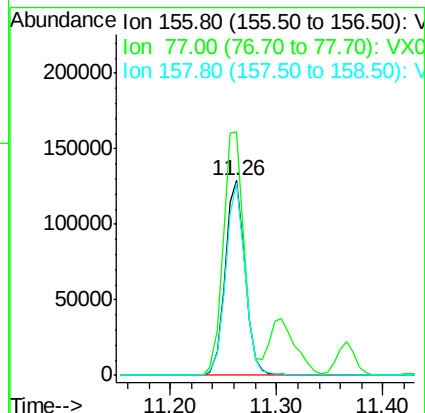
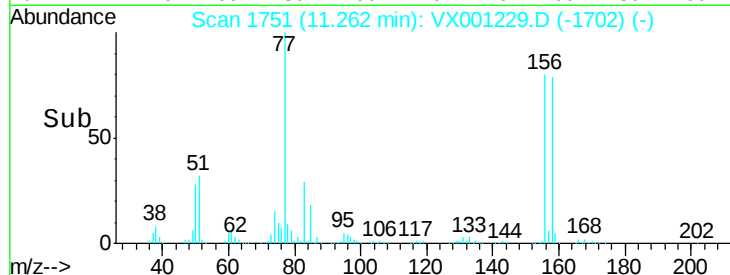
158 96.8 48.9 146.7



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: 50.65 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001229.D

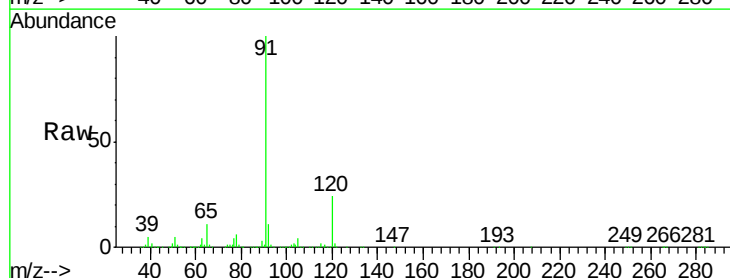
Acq: 28 Apr 2018 22:20

Tgt Ion: 91 Resp: 653727

Ion Ratio Lower Upper

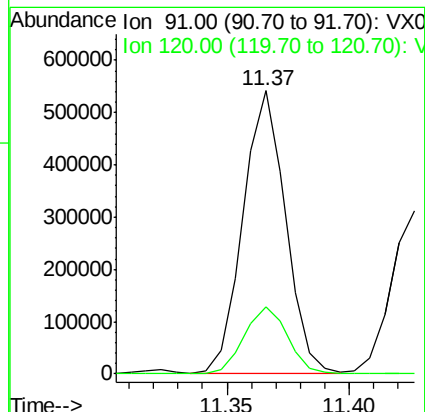
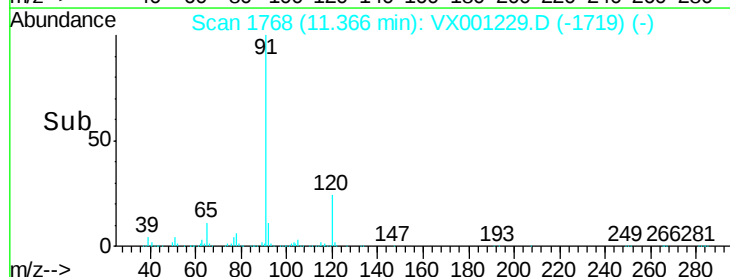
91 100

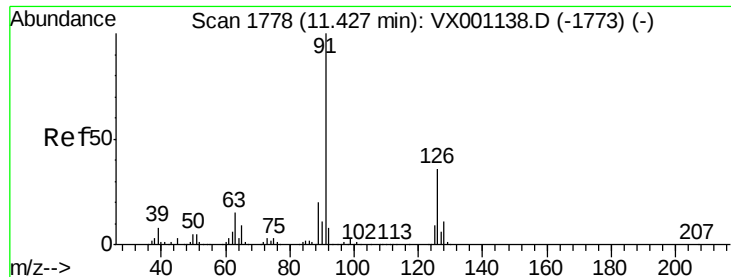
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

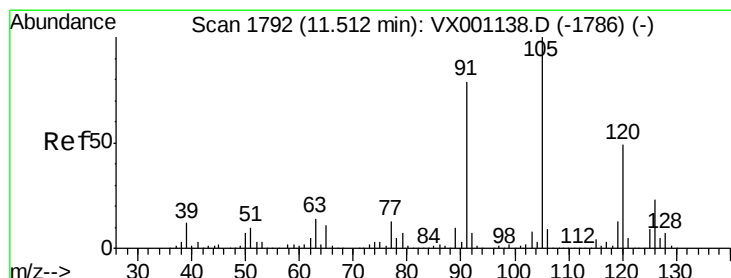
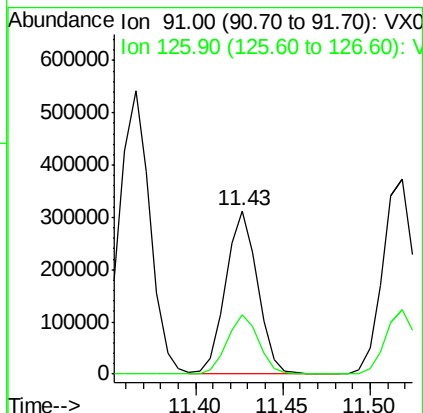
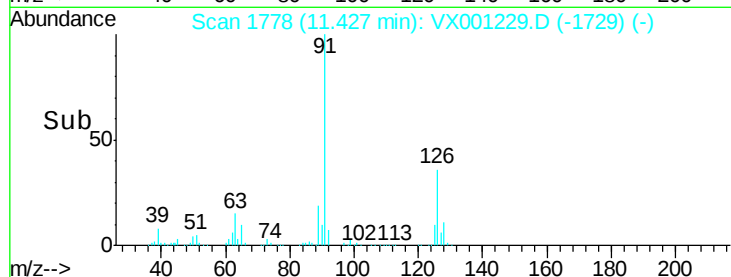
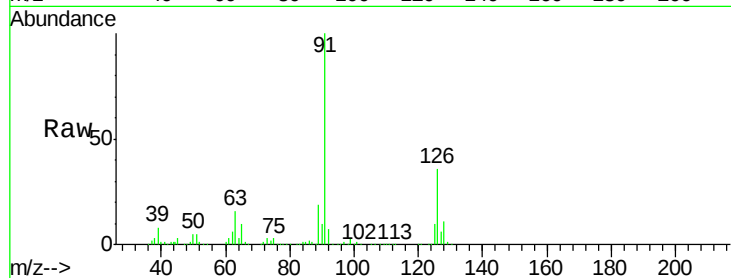
VSTDCCC050

Tgt Ion: 91 Resp: 393969

Ion Ratio Lower Upper

91 100

126 36.4 18.2 54.6



#80

1,3,5-Trimethylbenzene

Concen: 50.68 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001229.D

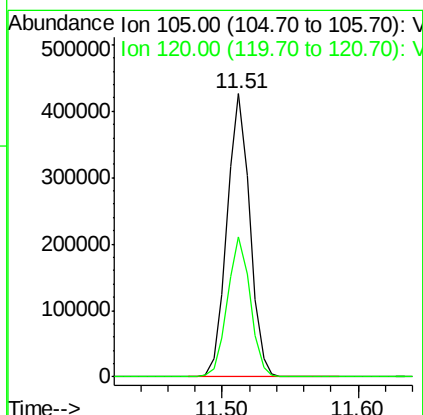
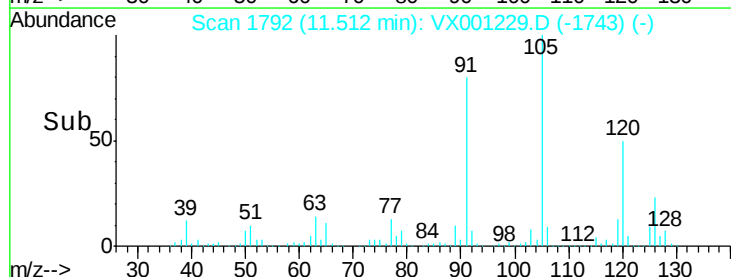
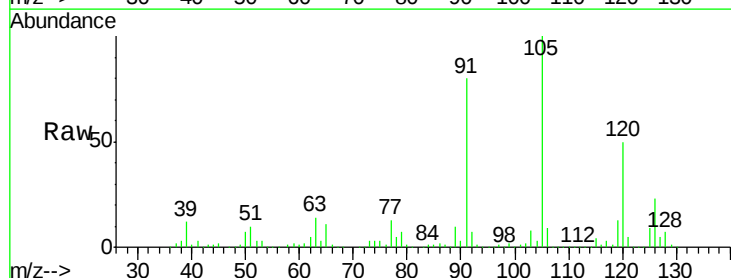
Acq: 28 Apr 2018 22:20

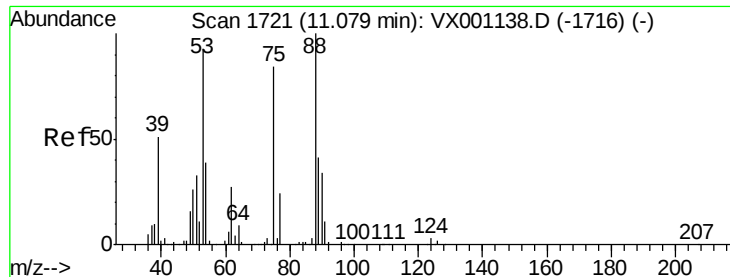
Tgt Ion: 105 Resp: 496626

Ion Ratio Lower Upper

105 100

120 49.7 24.6 74.0

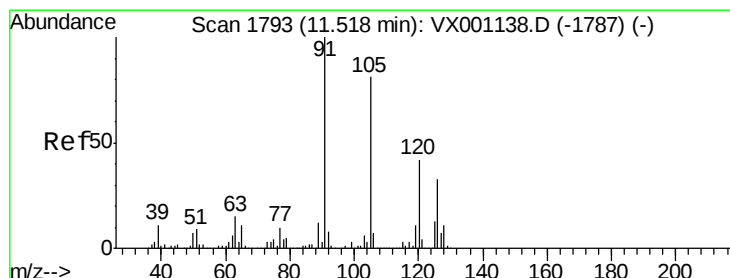
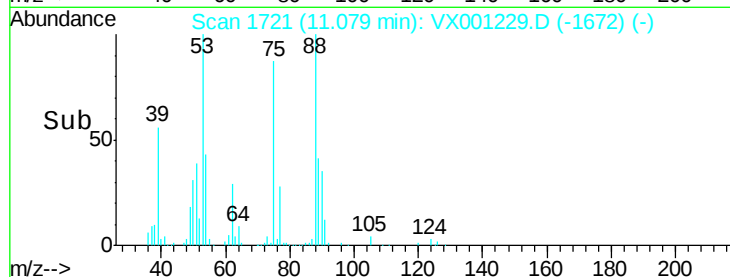
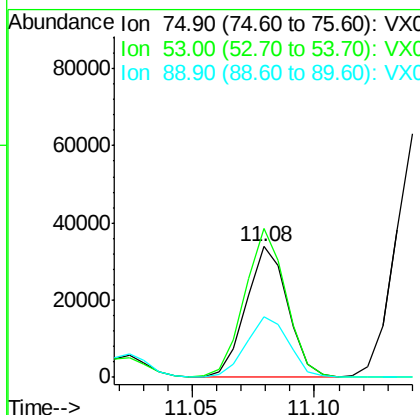
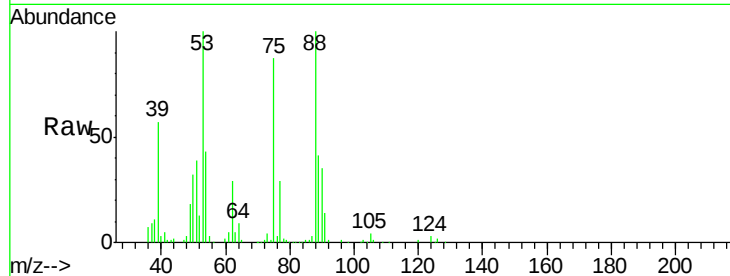




#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.80 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

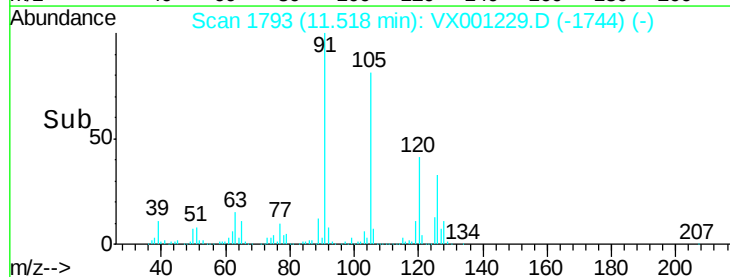
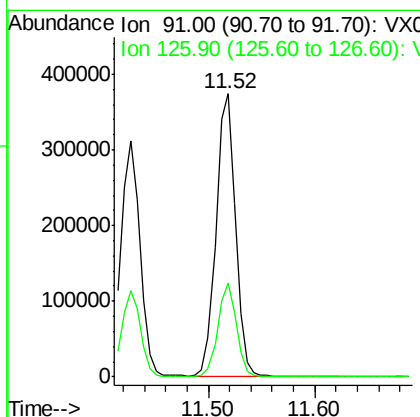
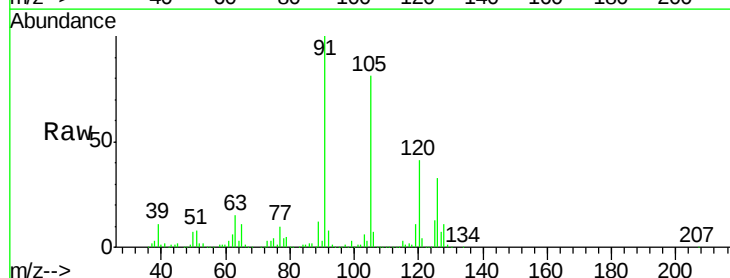
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

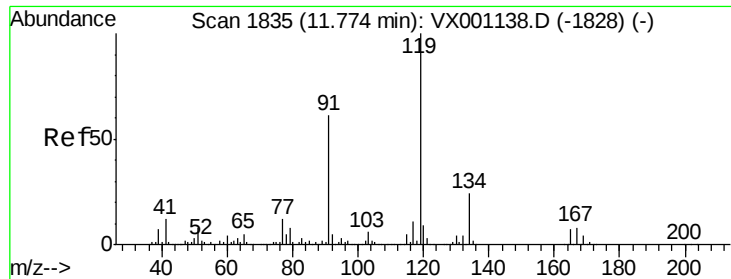
Tgt Ion: 75 Resp: 40121
 Ion Ratio Lower Upper
 75 100
 53 114.3 87.9 131.9
 89 47.7 37.7 56.5



#82
 4-Chlorotoluene
 Concen: 49.61 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion: 91 Resp: 471729
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.8 47.4

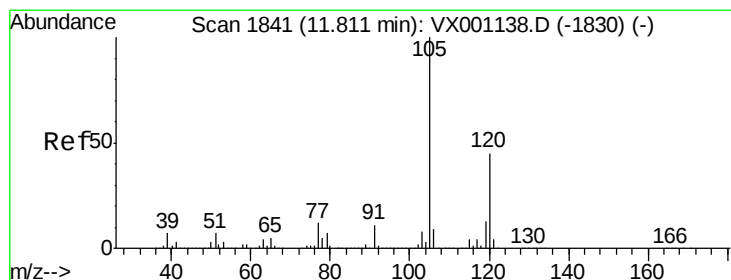
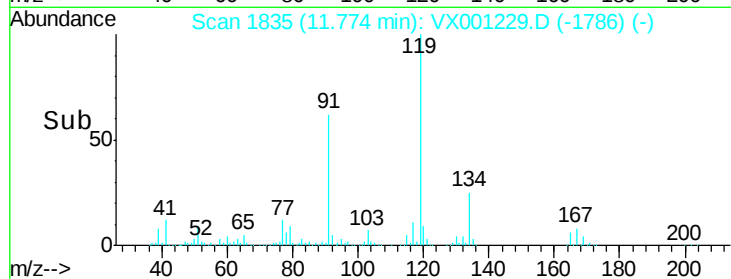
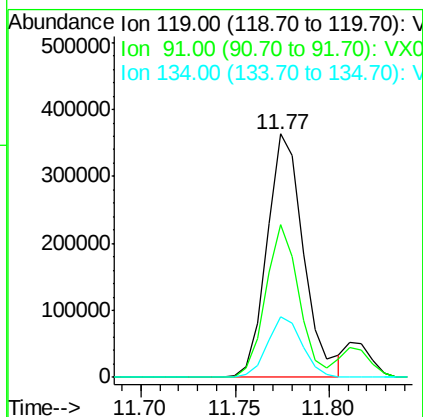
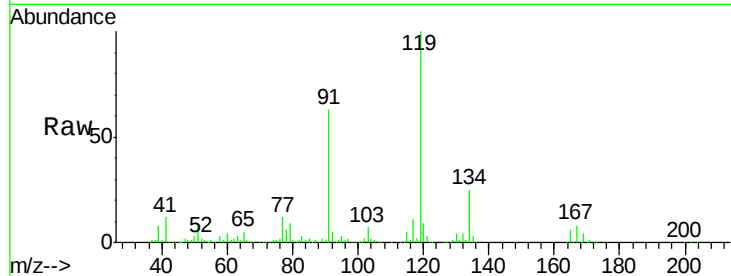




#83
 tert-Butylbenzene
 Concen: 50.18 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

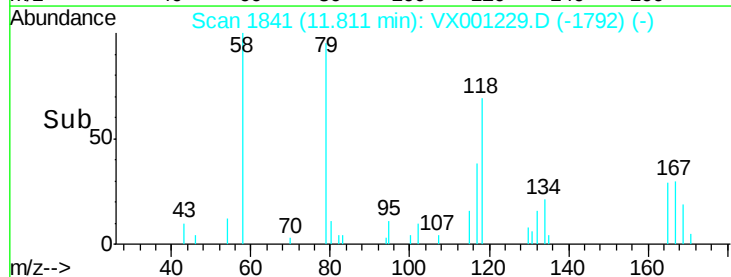
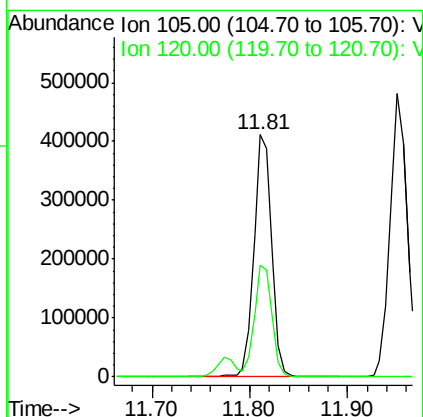
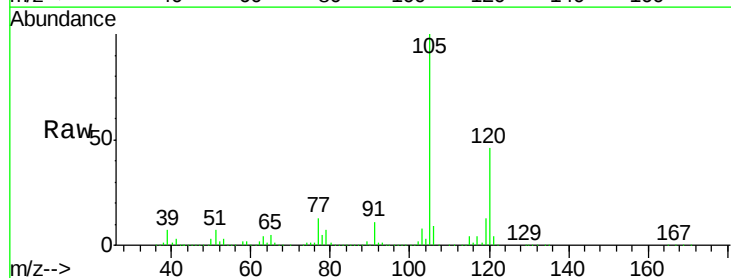
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

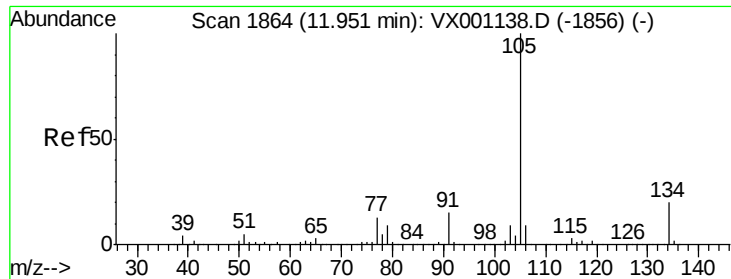
Tgt Ion:119 Resp: 490700
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.6 82.8
 134 23.5 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion:105 Resp: 512347
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3

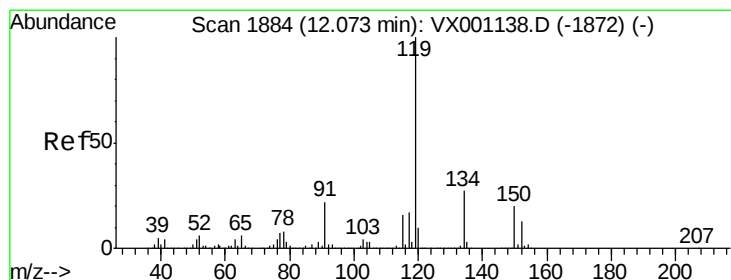
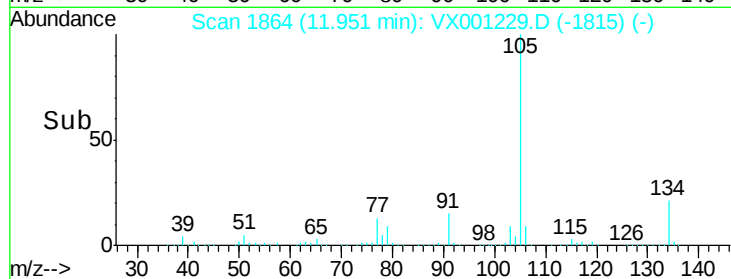
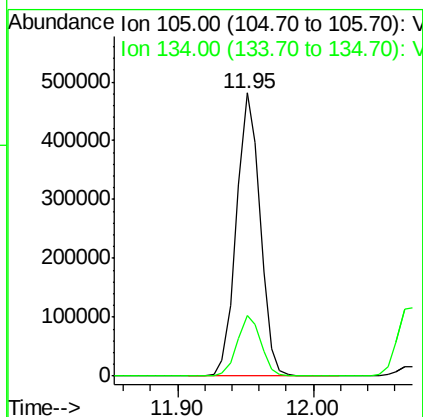
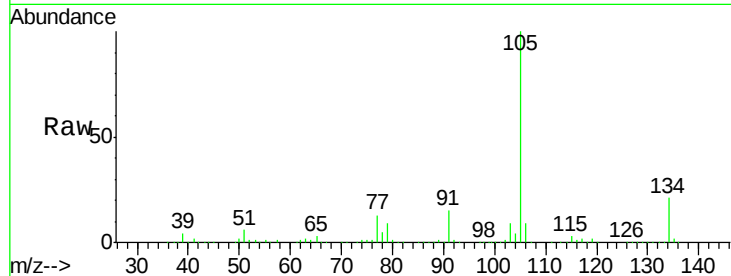




#85
 sec-Butylbenzene
 Concen: 50.97 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

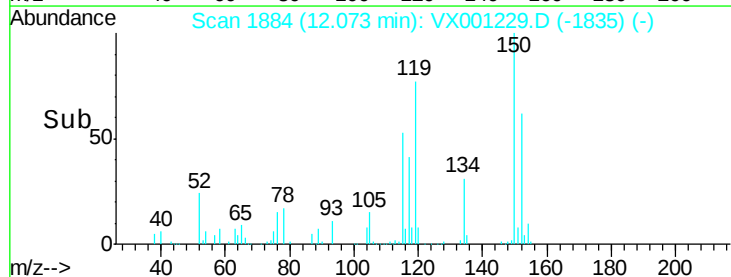
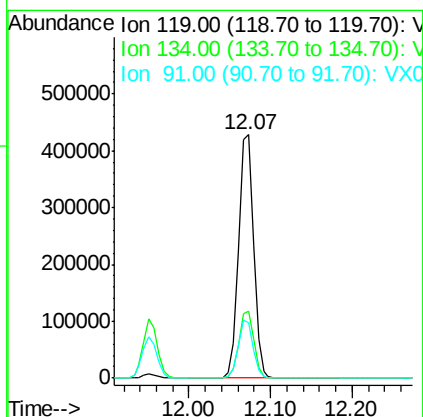
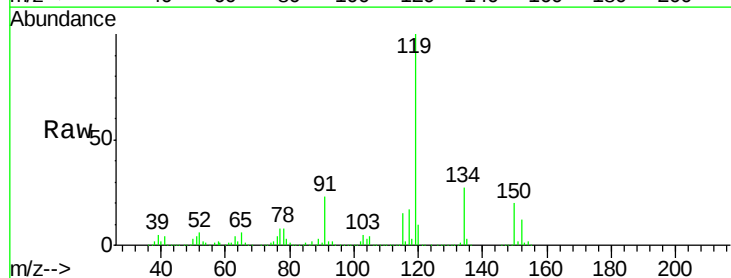
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

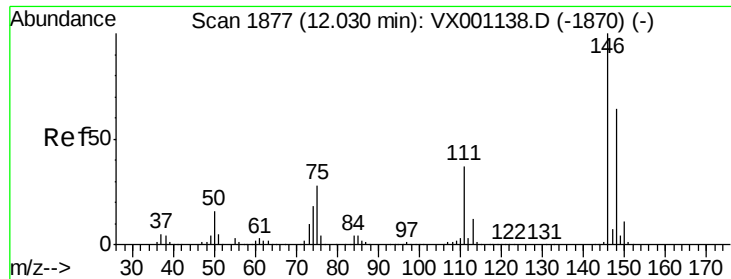
Tgt Ion:105 Resp: 582233
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 50.36 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion:119 Resp: 535125
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 23.3 11.6 34.8

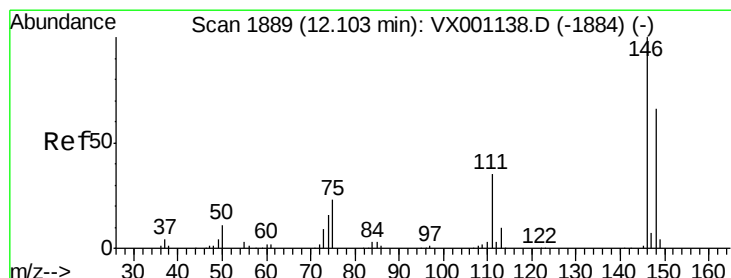
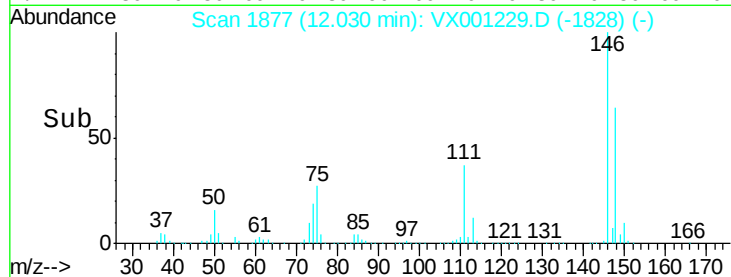
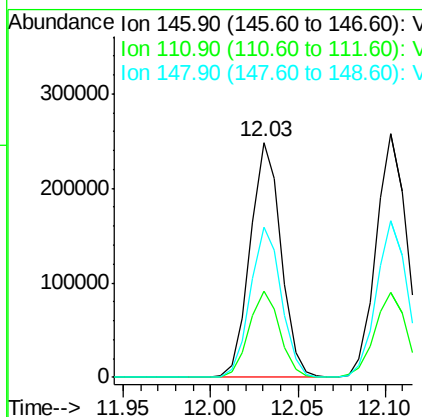
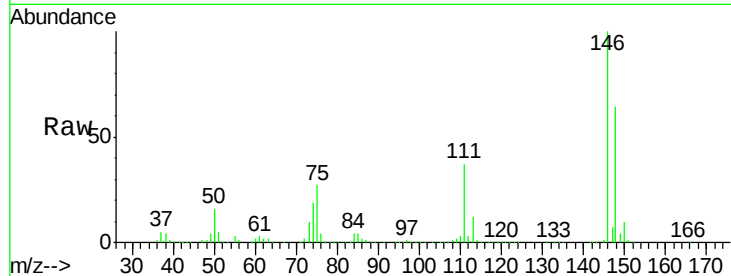




#87
 1,3-Dichlorobenzene
 Concen: 49.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

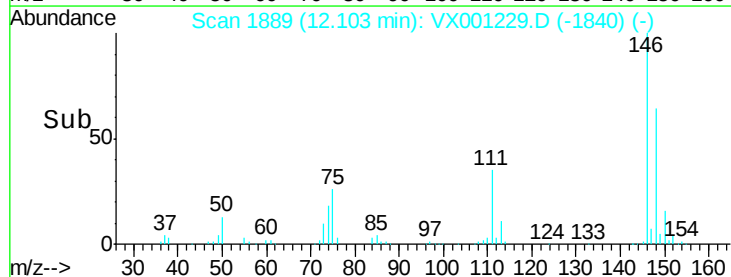
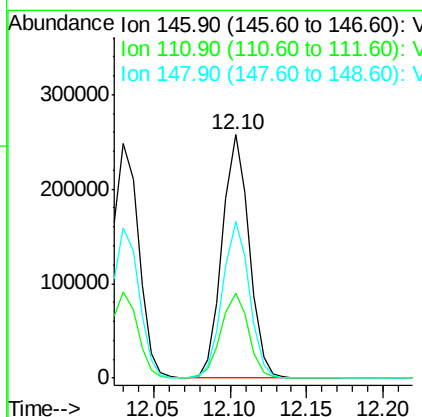
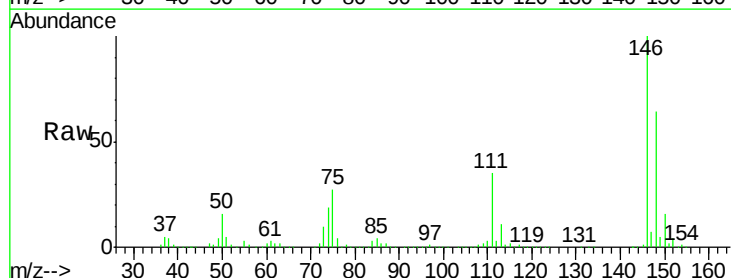
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

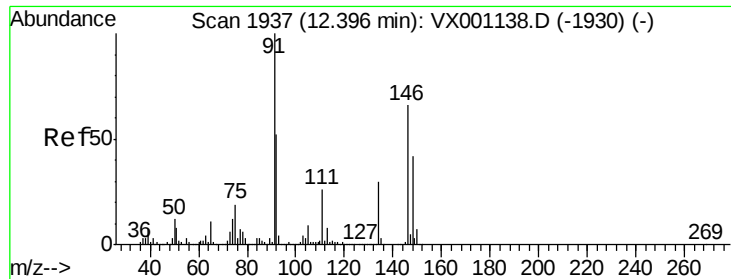
Tgt Ion:146 Resp: 304925
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 56.0
 148 64.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 48.99 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion:146 Resp: 314496
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.0 54.0
 148 64.4 32.5 97.5





#89

n-Butylbenzene

Concen: 49.83 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

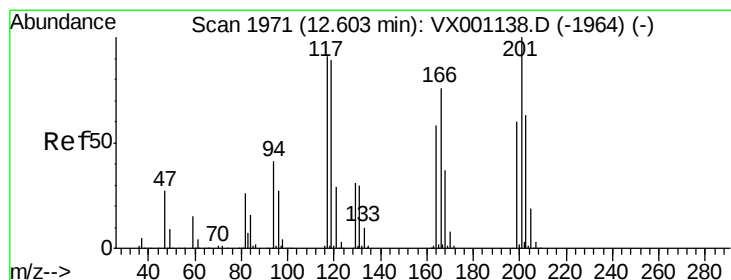
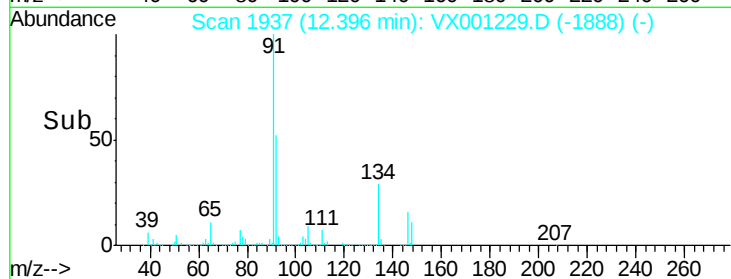
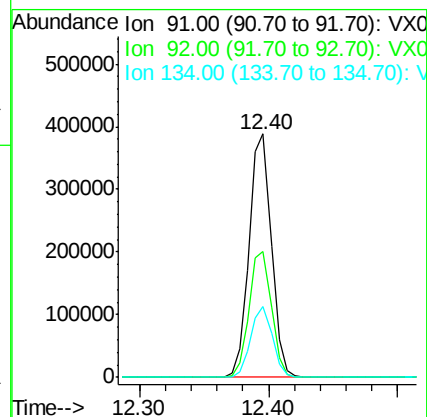
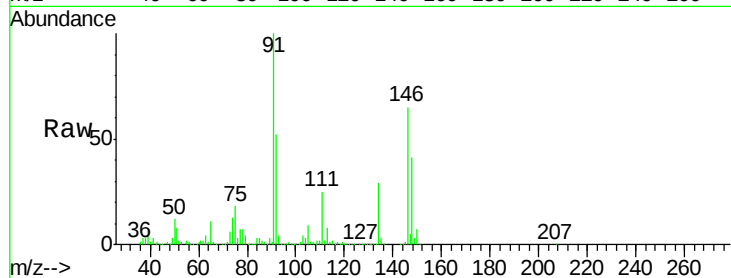
Tgt Ion: 91 Resp: 458343

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

134 28.4 14.1 42.3



#90

Hexachloroethane

Concen: 47.14 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001229.D

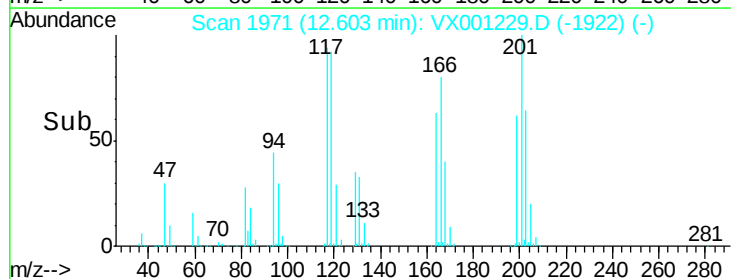
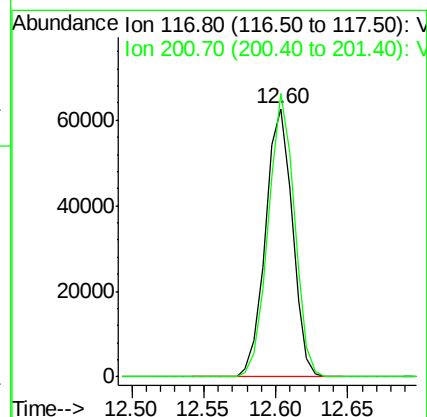
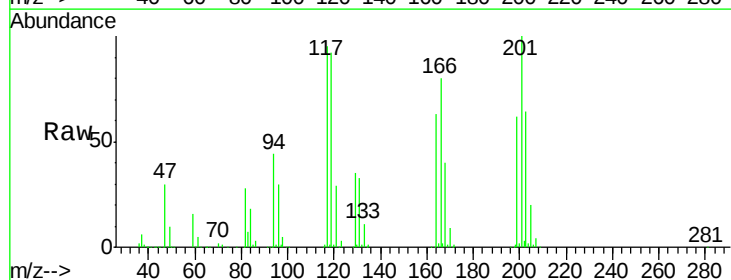
Acq: 28 Apr 2018 22:20

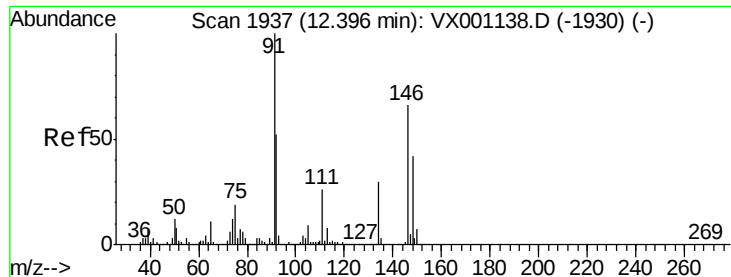
Tgt Ion: 117 Resp: 80489

Ion Ratio Lower Upper

117 100

201 102.7 51.8 155.4





#91

1,2-Dichlorobenzene

Concen: 49.92 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

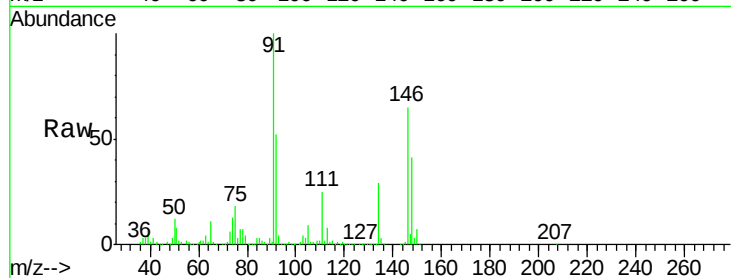
Tgt Ion:146 Resp: 310903

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.3

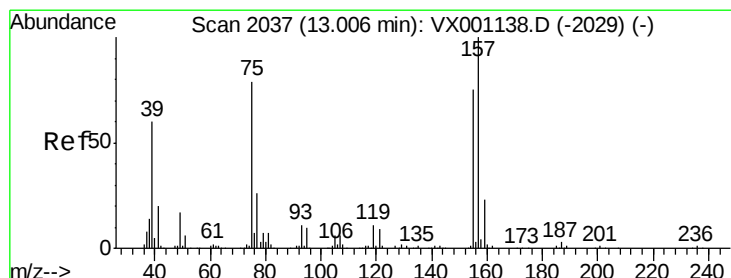
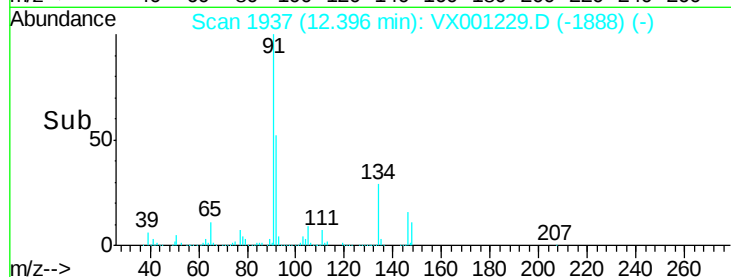
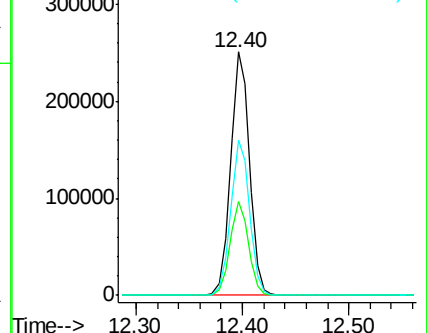
148 63.7 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.20 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001229.D

Acq: 28 Apr 2018 22:20

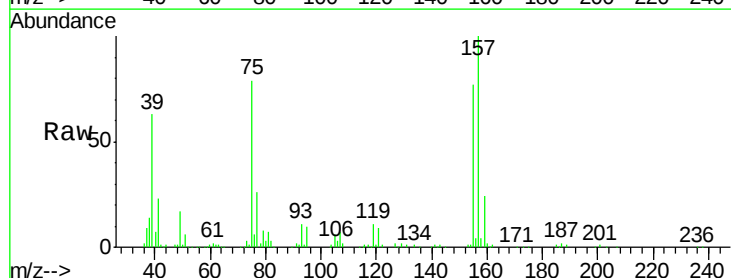
Tgt Ion: 75 Resp: 39148

Ion Ratio Lower Upper

75 100

155 100.3 48.4 145.3

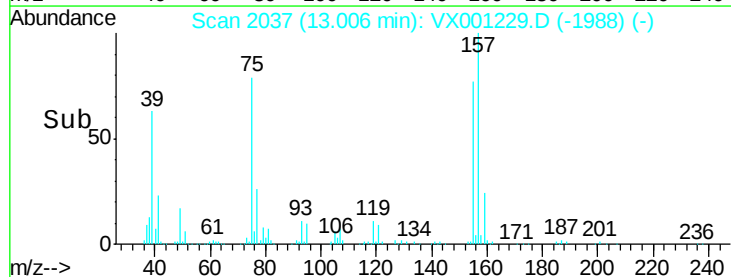
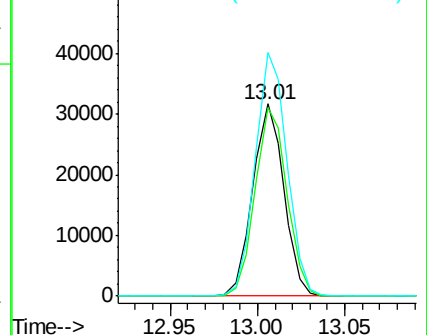
157 129.3 62.7 188.1

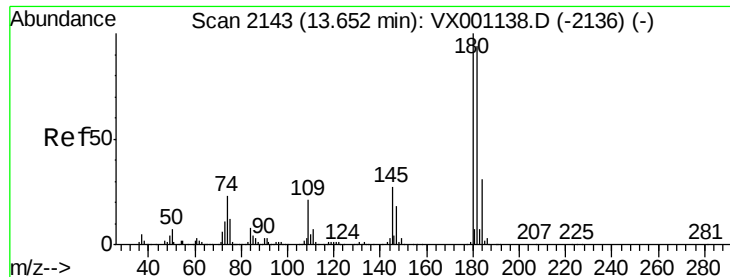


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

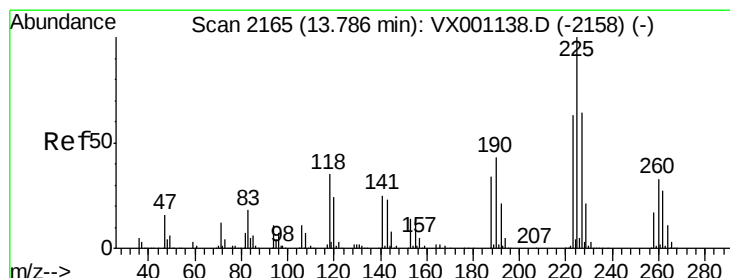
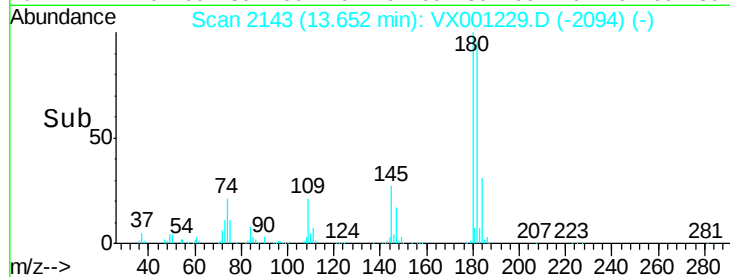
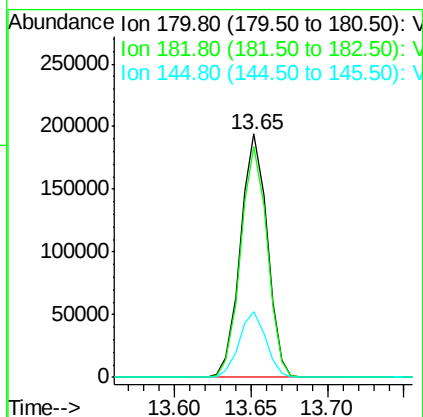
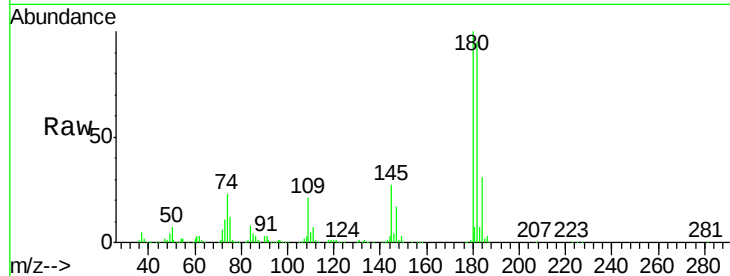




#93
 1,2,4-Trichlorobenzene
 Concen: 48.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

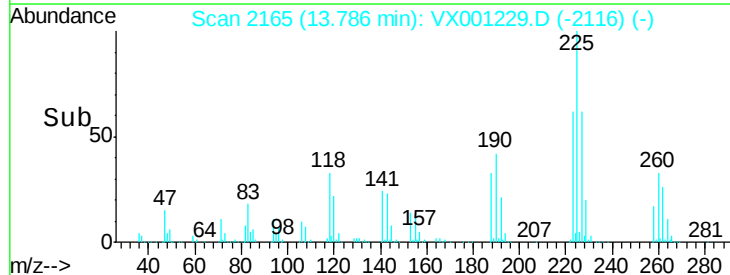
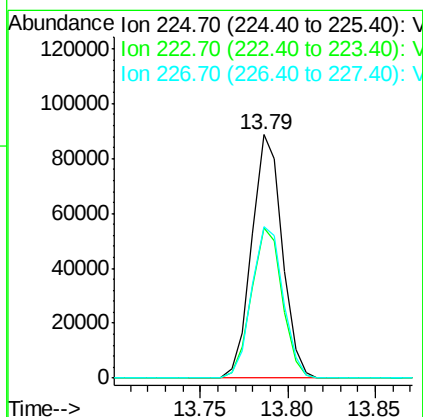
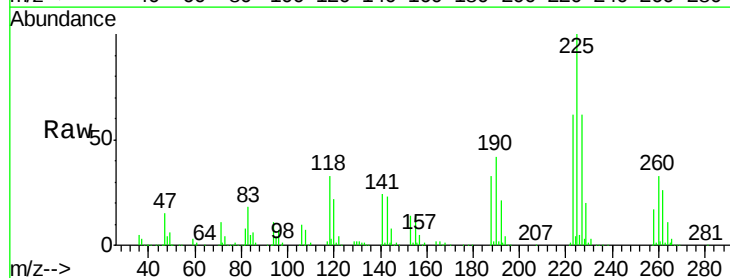
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

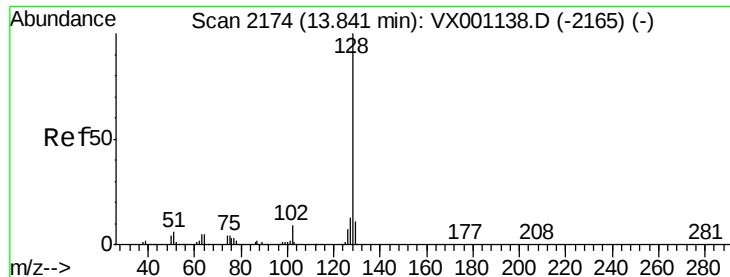
Tgt Ion:180 Resp: 235288
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.9 143.6
 145 27.1 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 46.73 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001229.D
 Acq: 28 Apr 2018 22:20

Tgt Ion:225 Resp: 107235
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 64.4 32.2 96.6

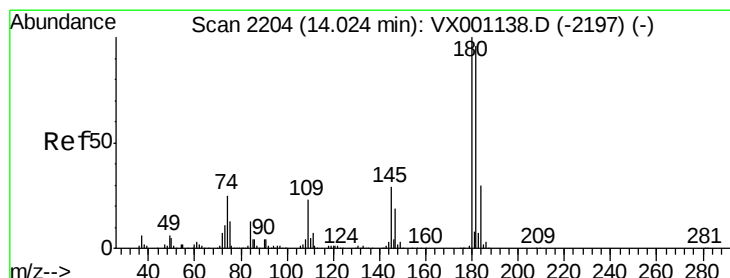
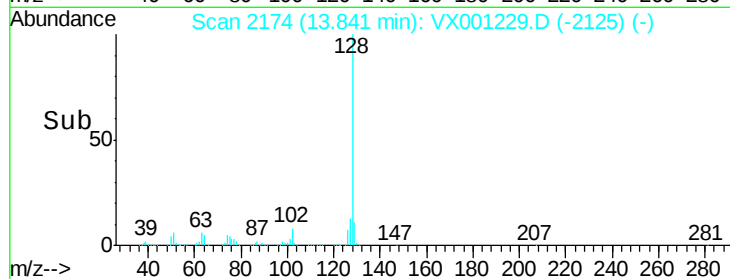
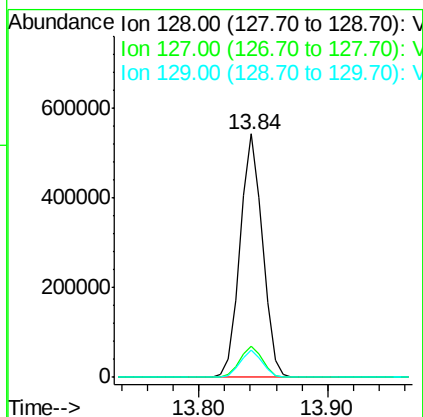
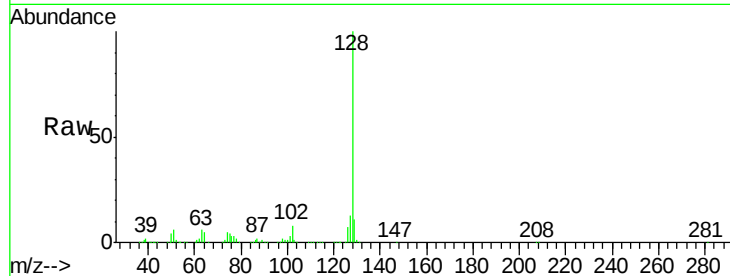




#95
Naphthalene
Concen: 47.84 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 650745
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.19 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001229.D
Acq: 28 Apr 2018 22:20

Tgt Ion:180 Resp: 234111
Ion Ratio Lower Upper
180 100
182 96.8 48.2 144.6
145 29.1 14.5 43.5

