

Data File : VX001273.D

Acq On : 01 May 2018 12:21

Operator : JC/MD

Sample : VSTDICCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 02 01:21:03 2018

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

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132207	43.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.52%	
35) Dibromofluoromethane	5.51	113	109902	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.72	98	414335	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	160729	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114699	53.24	ug/l	100
3) Chloromethane	1.32	50	102024	46.44	ug/l	100
4) Vinyl Chloride	1.40	62	112388	48.14	ug/l	100
5) Bromomethane	1.64	94	89402	54.14	ug/l	100
6) Chloroethane	1.72	64	69287	47.49	ug/l	100
7) Trichlorofluoromethane	1.93	101	189351	49.75	ug/l	100
8) Diethyl Ether	2.19	74	64861	45.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	106364	50.51	ug/l	100
10) Methyl Iodide	2.51	142	115696	59.20	ug/l	100
11) Tert butyl alcohol	3.07	59	119194	204.39	ug/l	100
12) 1,1-Dichloroethene	2.37	96	96378	47.60	ug/l	100
13) Acrolein	2.29	56	66165	276.15	ug/l	100
14) Allyl chloride	2.73	41	173310	47.52	ug/l	100
15) Acrylonitrile	3.15	53	267710	210.15	ug/l	100
16) Acetone	2.45	43	287006	226.93	ug/l	100
17) Carbon Disulfide	2.57	76	245854	47.70	ug/l	100
18) Methyl Acetate	2.78	43	138831	44.43	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	333419	45.39	ug/l	100
20) Methylene Chloride	2.86	84	107677	45.54	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	103234	46.37	ug/l	100
22) Diisopropyl ether	3.88	45	326866	45.03	ug/l	100
23) Vinyl Acetate	3.83	43	1413875	230.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180675	46.81	ug/l	100
25) 2-Butanone	4.71	43	391190	210.32	ug/l	100
26) 2,2-Dichloropropane	4.59	77	149403	48.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	113259	46.73	ug/l	100
28) Bromochloromethane	5.03	49	88132	50.85	ug/l	100
29) Tetrahydrofuran	5.17	42	240514	202.30	ug/l	100
30) Chloroform	5.22	83	192254	47.06	ug/l	100
31) Cyclohexane	5.58	56	161991	48.90	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	172991	48.85	ug/l	100
36) 1,1-Dichloropropene	5.81	75	142929	48.94	ug/l	100
37) Ethyl Acetate	4.87	43	147949	43.45	ug/l	100
38) Carbon Tetrachloride	5.79	117	156007	51.88	ug/l	100

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: May 02 01:21:03 2018

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

Quant Title : SW846 8260

QLast Update : Wed May 02 01:17:44 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	173125	52.85	ug/l	100
40) Benzene	6.15	78	422622	50.25	ug/l	100
41) Methacrylonitrile	5.07	41	83592	43.71	ug/l	100
42) 1,2-Dichloroethane	6.20	62	159698	47.60	ug/l	100
43) Isopropyl Acetate	6.48	43	249497	46.43	ug/l	100
44) Trichloroethene	7.22	130	126656	50.32	ug/l	100
45) 1,2-Dichloropropane	7.52	63	108676	49.35	ug/l	100
46) Dibromomethane	7.67	93	75505	49.55	ug/l	100
47) Bromodichloromethane	7.90	83	141891	51.19	ug/l	100
48) Methyl methacrylate	7.79	41	130658	45.81	ug/l	100
49) 1,4-Dioxane	7.76	88	50214	889.62	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	812465	230.76	ug/l	100
52) Toluene	8.79	92	278901	50.63	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	169217	52.58	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	160489	53.16	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	113359	48.92	ug/l	100
56) Ethyl methacrylate	9.19	69	164604	48.47	ug/l	100
57) 1,3-Dichloropropane	9.38	76	182466	48.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	397099	245.65	ug/l	100
59) 2-Hexanone	9.51	43	642449	232.43	ug/l	100
60) Dibromochloromethane	9.59	129	124706	53.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	121865	50.32	ug/l	100
64) Tetrachloroethene	9.34	164	144415	52.41	ug/l	100
65) Chlorobenzene	10.15	112	328818	49.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	121290	52.80	ug/l	100
67) Ethyl Benzene	10.26	91	554630	51.13	ug/l	100
68) m/p-Xylenes	10.37	106	441315	102.88	ug/l	100
69) o-Xylene	10.70	106	211513	51.05	ug/l	100
70) Styrene	10.72	104	350405	50.90	ug/l	100
71) Bromoform	10.86	173	104435	52.38	ug/l	100
73) Isopropylbenzene	11.02	105	573991	49.10	ug/l	100
74) N-amyl acetate	6.48	43	249497	43.37	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	172311	45.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	193545	54.11	ug/l	90
77) Bromobenzene	11.26	156	165727	47.97	ug/l	100
78) n-propylbenzene	11.37	91	649108	49.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	386774	48.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	499309	50.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45477	50.47	ug/l	100
82) 4-Chlorotoluene	11.52	91	467828	48.80	ug/l	100
83) tert-Butylbenzene	11.77	119	498305	50.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	511638	50.36	ug/l	100
85) sec-Butylbenzene	11.95	105	595063	51.26	ug/l	100
86) p-Isopropyltoluene	12.07	119	549038	50.97	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	300066	48.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	310437	47.95	ug/l	100
89) n-Butylbenzene	12.40	91	477101	51.10	ug/l	100
90) Hexachloroethane	12.60	117	82172	53.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	303697	48.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38321	46.00	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050118\
Quantitation Report (Not Reviewed)

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICCC050

Quant Time: May 02 01:21:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:17:44 2018
Response via : Initial Calibration

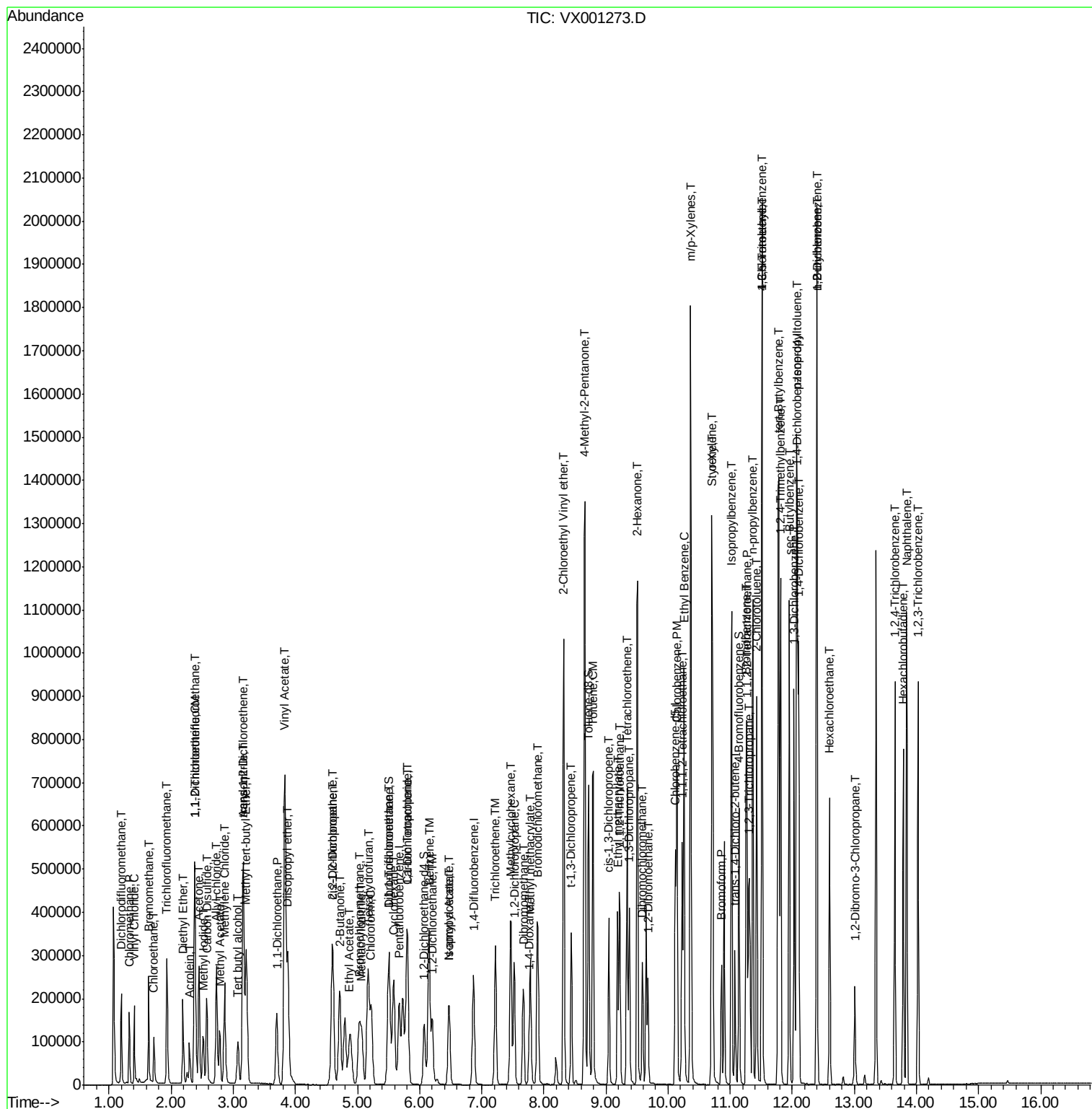
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239707	48.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	124242	52.60	ug/l	100
95) Naphthalene	13.84	128	647695	47.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238804	48.75	ug/l	100

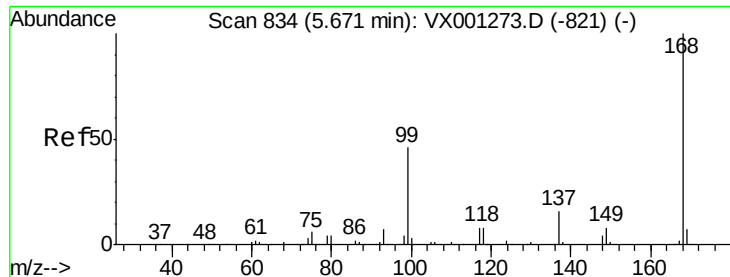
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 6 Sample Multiplier: 1

VSTDICCC050

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: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

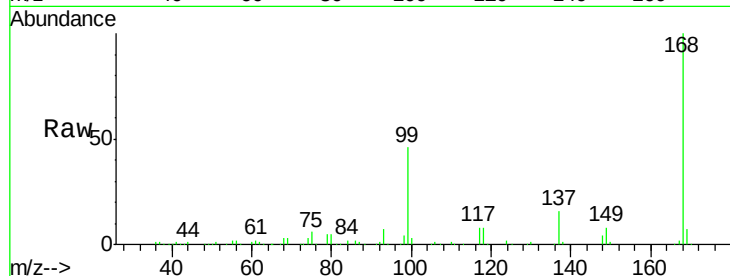
VSTDICCC050

Tgt Ion:168 Resp: 199700

Ion Ratio Lower Upper

168 100

99 45.6 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

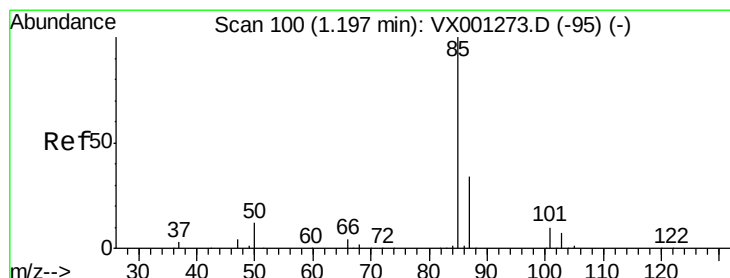
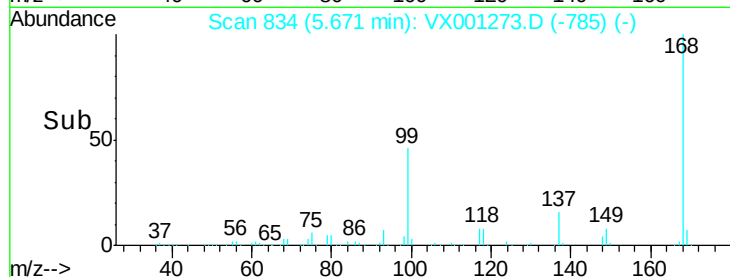
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001273.D

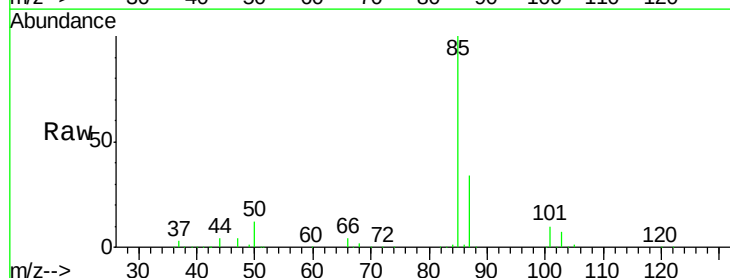
Acq: 01 May 2018 12:21

Tgt Ion: 85 Resp: 114699

Ion Ratio Lower Upper

85 100

87 33.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

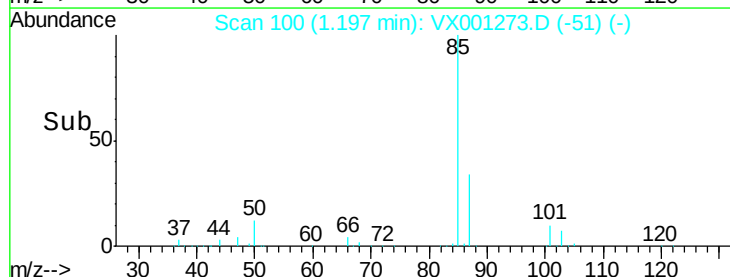
40000

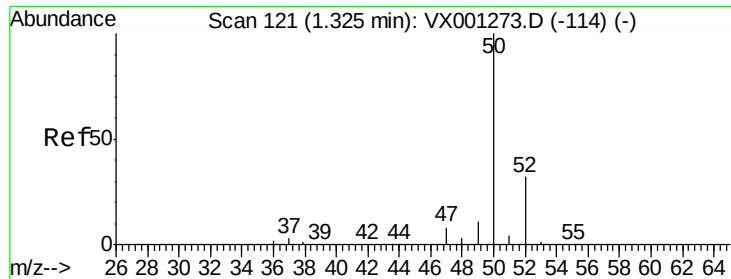
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

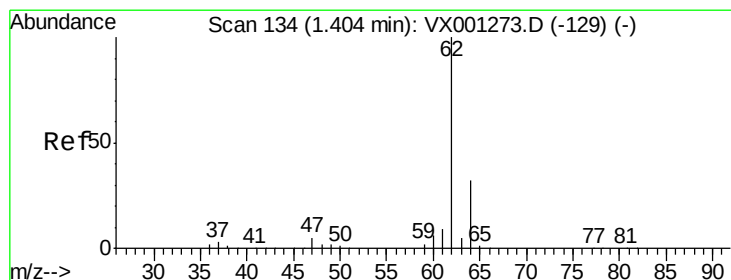
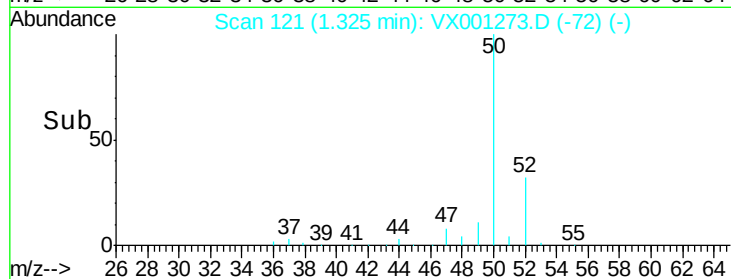
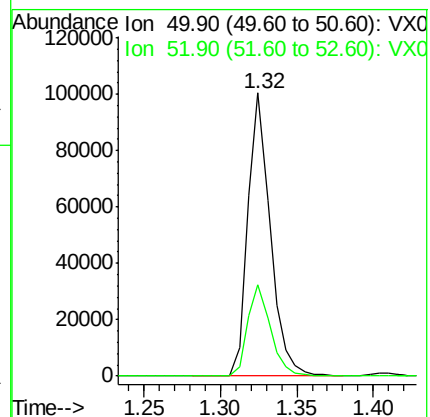
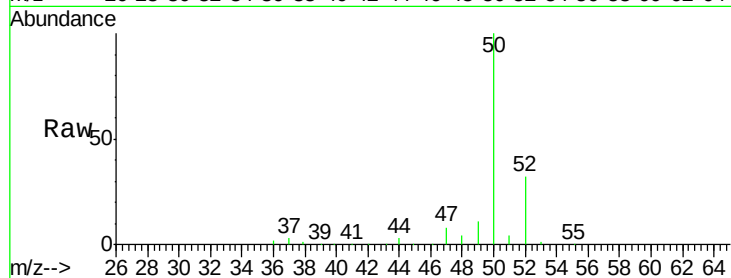
VSTDICCC050

Tgt Ion: 50 Resp: 102024

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



#4

Vinyl Chloride

Concen: 48.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001273.D

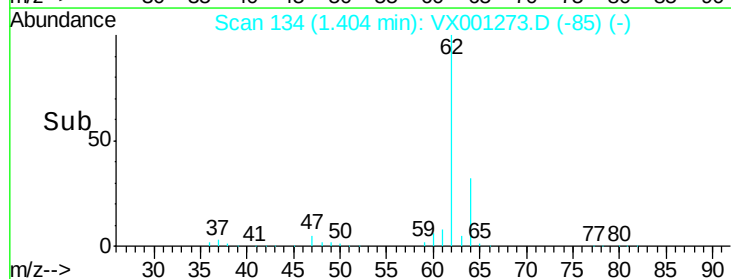
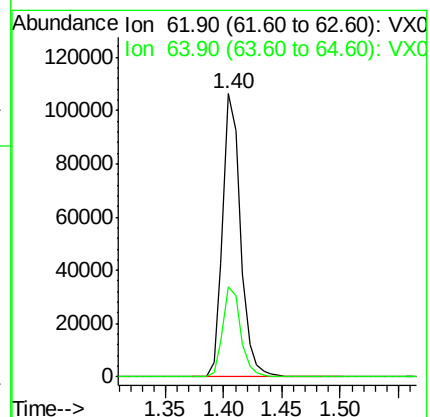
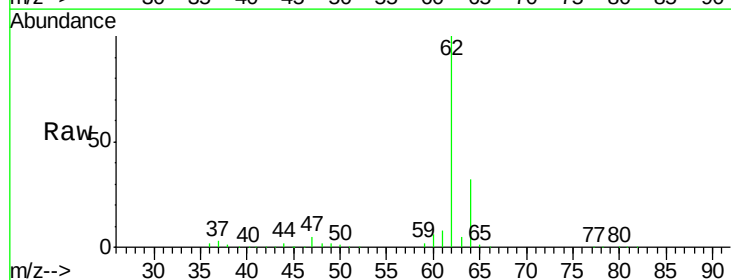
Acq: 01 May 2018 12:21

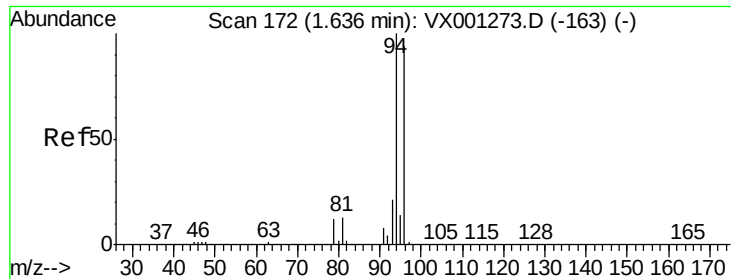
Tgt Ion: 62 Resp: 112388

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 54.14 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

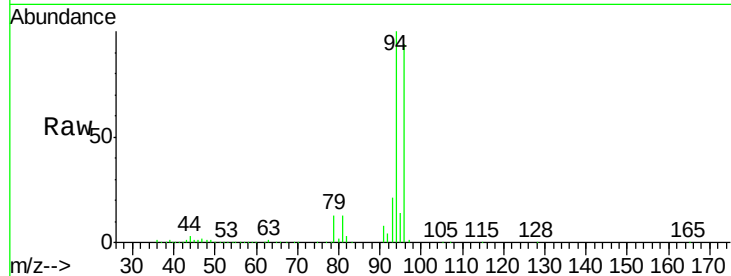
VSTDICCC050

Tgt Ion: 94 Resp: 89402

Ion Ratio Lower Upper

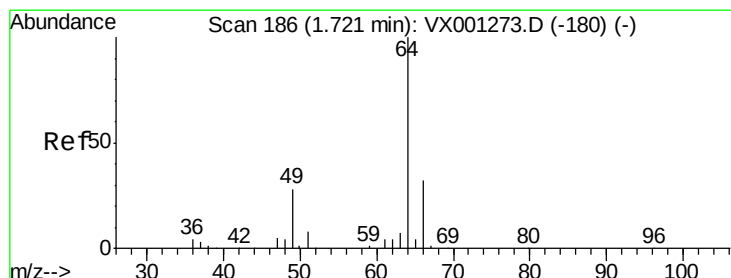
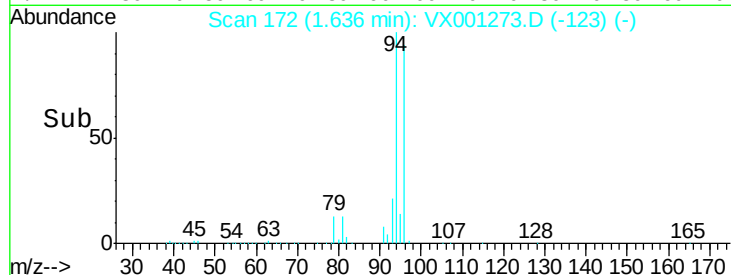
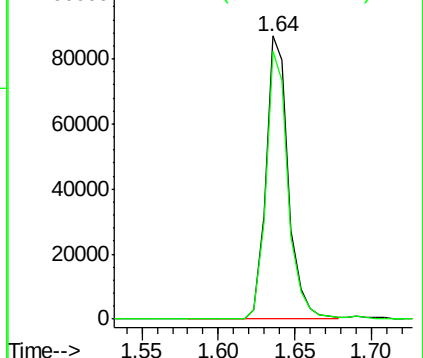
94 100

96 94.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001273.D

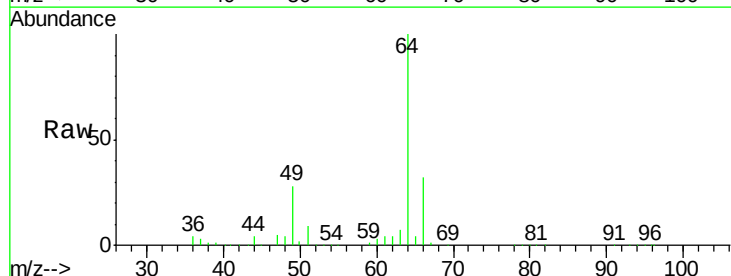
Acq: 01 May 2018 12:21

Tgt Ion: 64 Resp: 69287

Ion Ratio Lower Upper

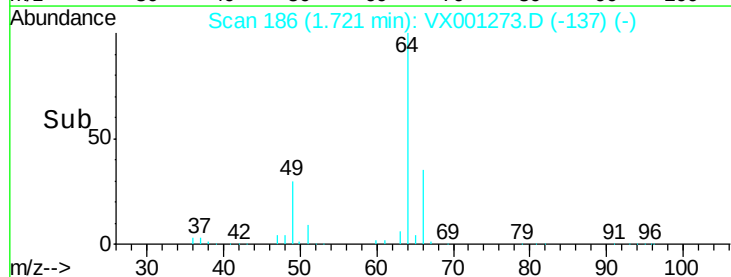
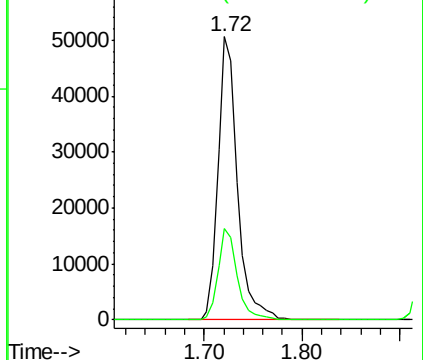
64 100

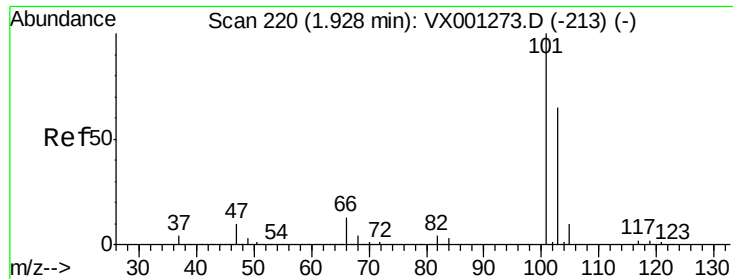
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.75 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

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ClientSampleId :

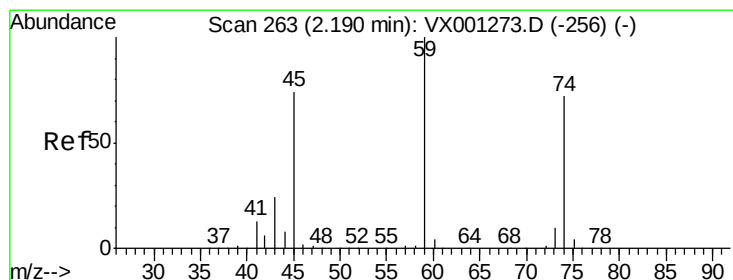
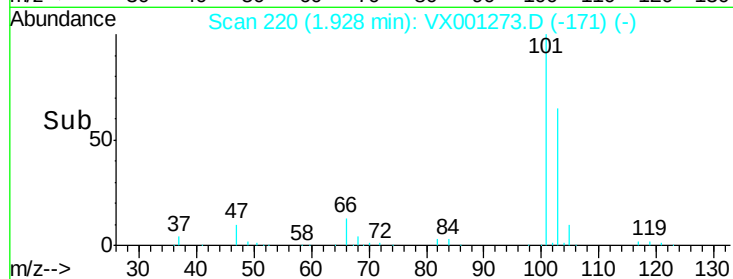
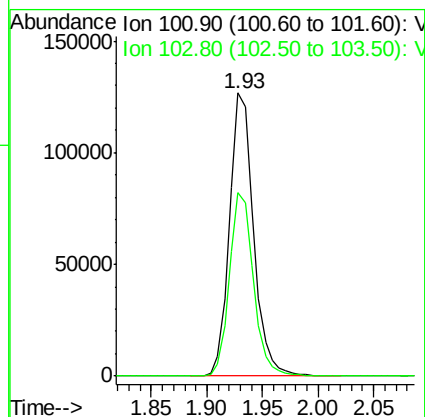
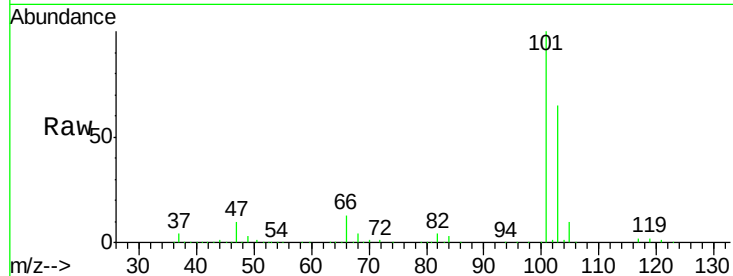
VSTDICCC050

Tgt Ion:101 Resp: 189351

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.8



#8

Diethyl Ether

Concen: 45.38 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001273.D

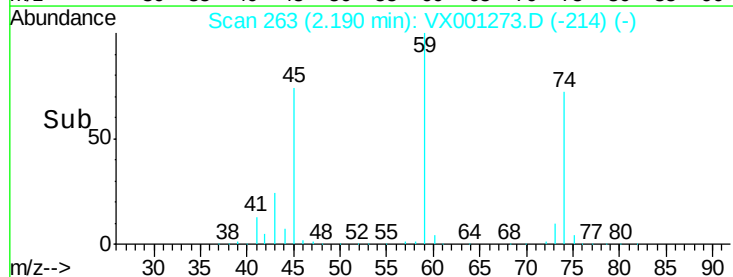
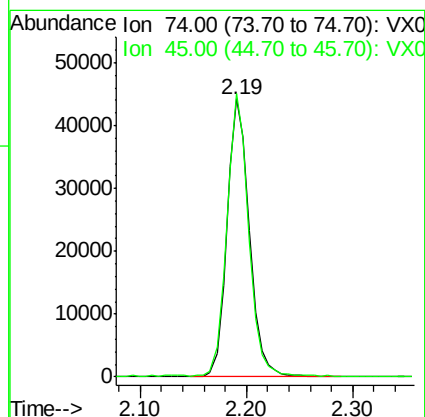
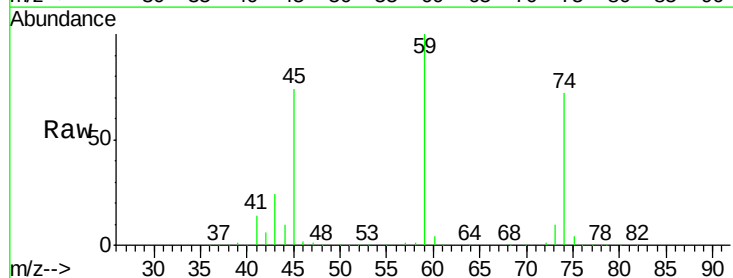
Acq: 01 May 2018 12:21

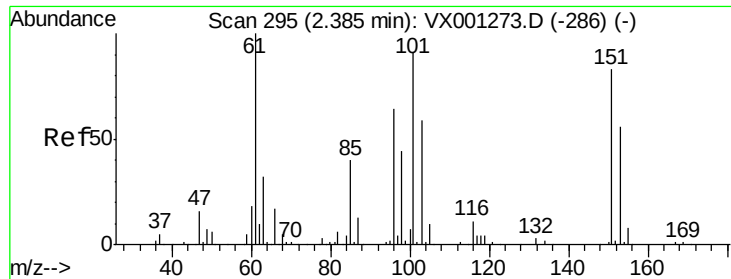
Tgt Ion: 74 Resp: 64861

Ion Ratio Lower Upper

74 100

45 98.6 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.51 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

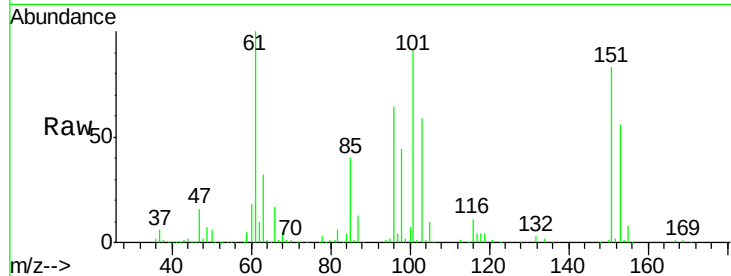
Tgt Ion:101 Resp: 106364

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

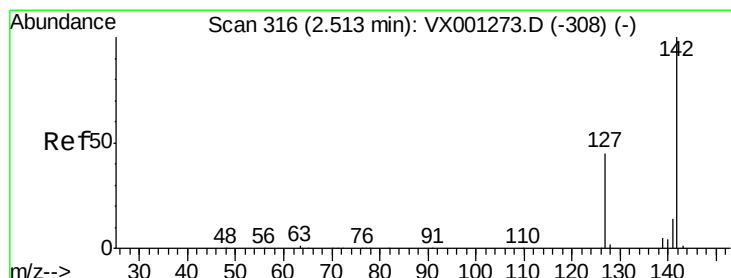
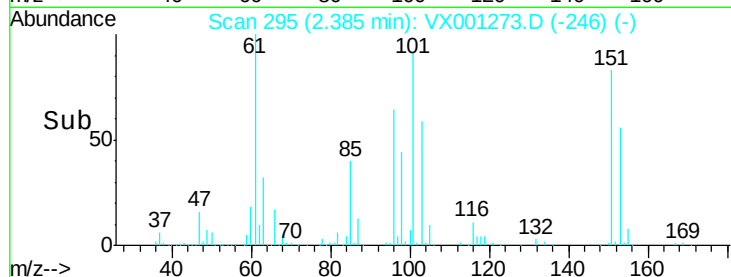
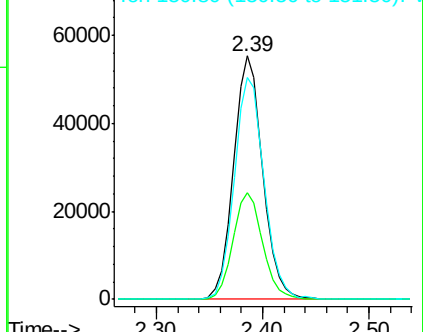
151 93.5 74.8 112.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 59.20 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

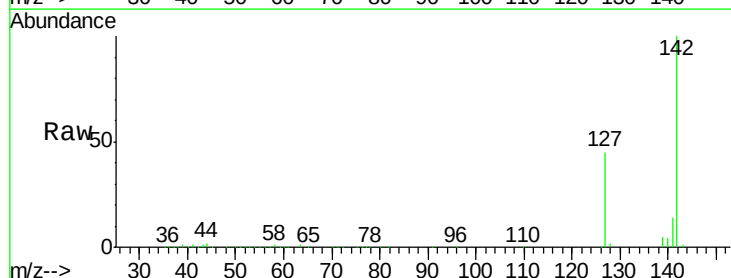
Tgt Ion:142 Resp: 115696

Ion Ratio Lower Upper

142 100

127 44.6 35.7 53.5

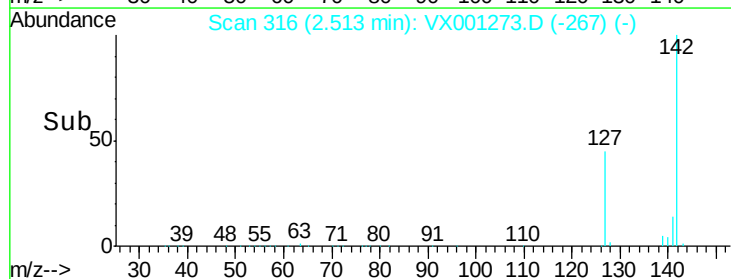
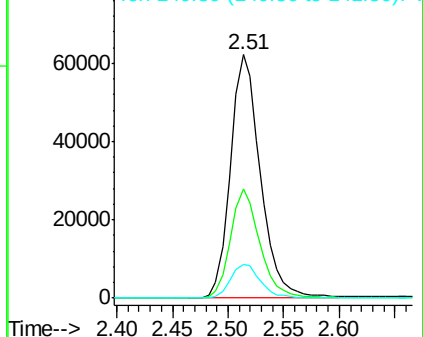
141 14.2 11.4 17.0

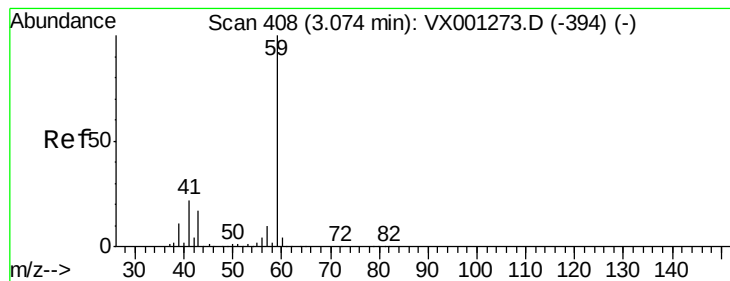


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



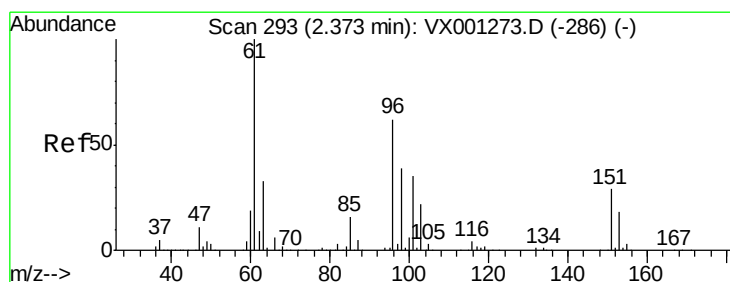
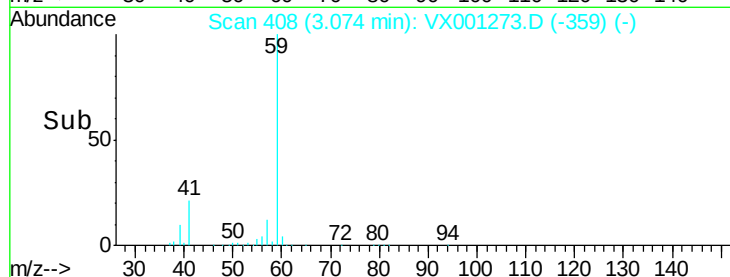
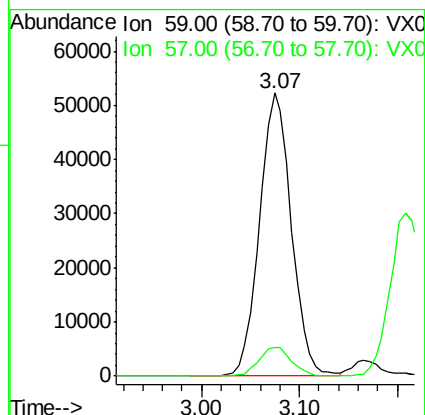
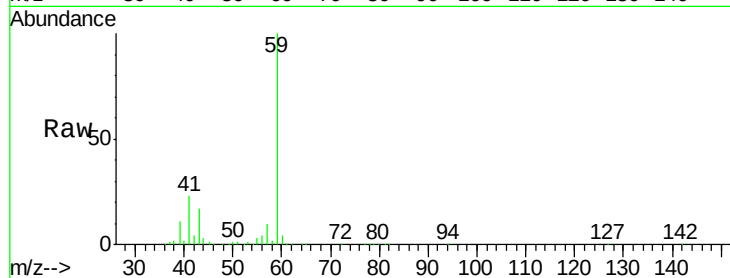


#11

Tert butyl alcohol
 Concen: 204.39 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

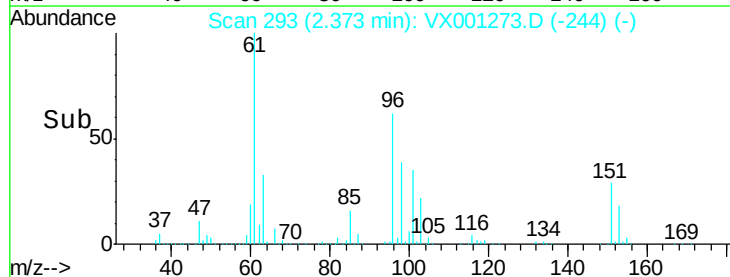
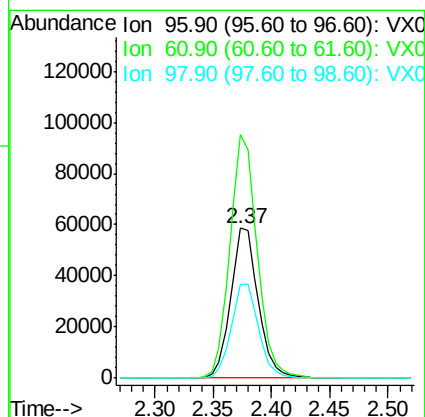
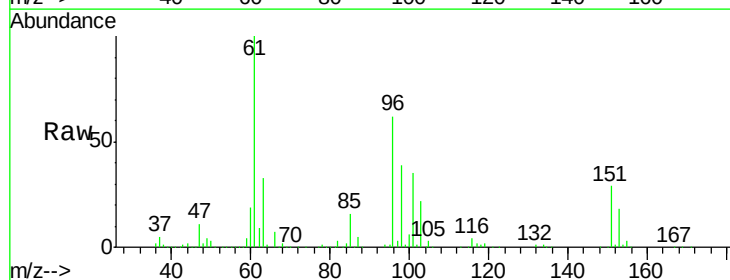
Tgt Ion: 59 Resp: 119194
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8

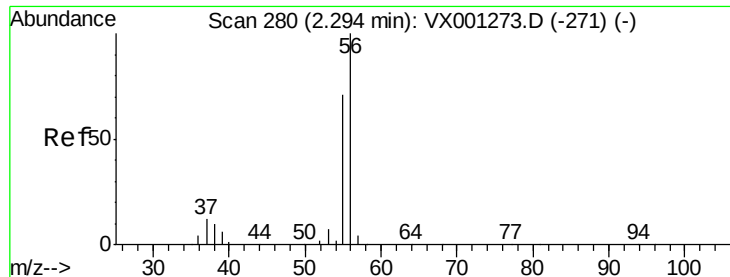


#12

1,1-Dichloroethene
 Concen: 47.60 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 96 Resp: 96378
 Ion Ratio Lower Upper
 96 100
 61 162.6 130.1 195.1
 98 62.9 50.3 75.5





#13

Acrolein

Concen: 276.15 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

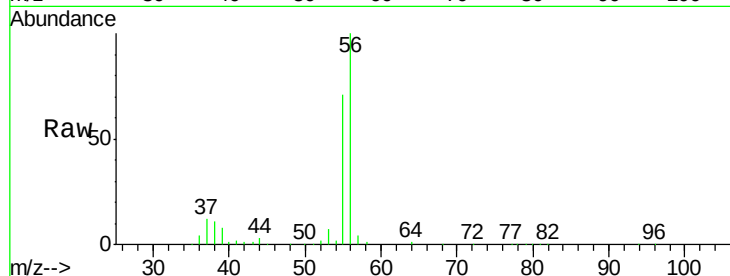
VSTDICCC050

Tgt Ion: 56 Resp: 66165

Ion Ratio Lower Upper

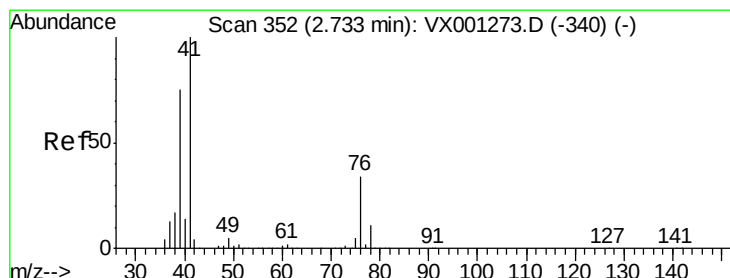
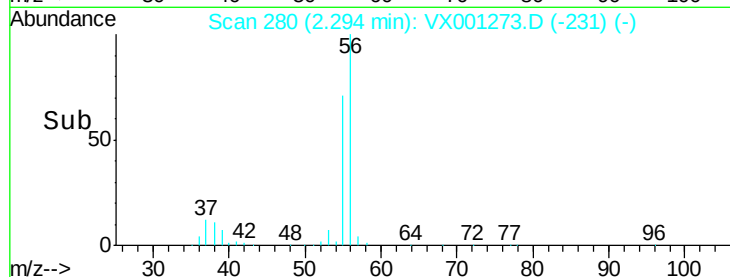
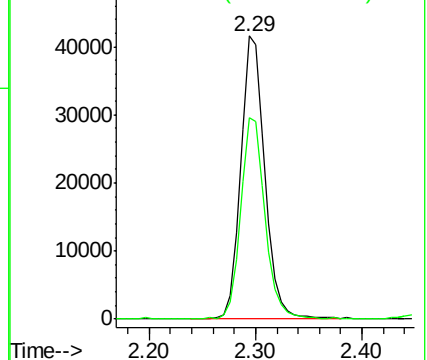
56 100

55 71.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.52 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

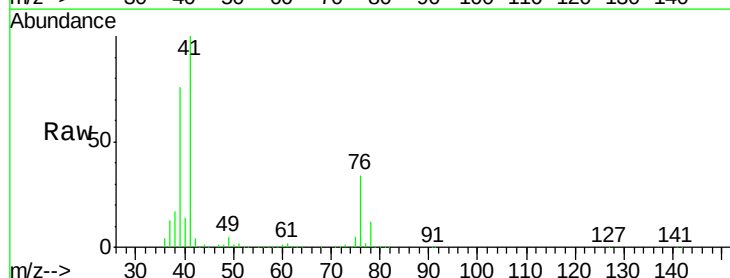
Tgt Ion: 41 Resp: 173310

Ion Ratio Lower Upper

41 100

39 72.6 58.1 87.1

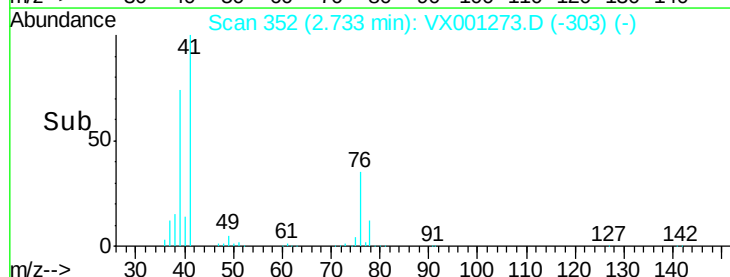
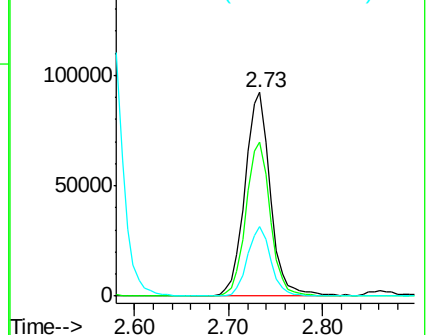
76 31.4 25.1 37.7

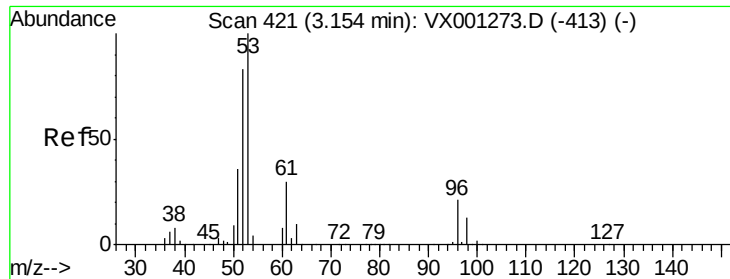


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

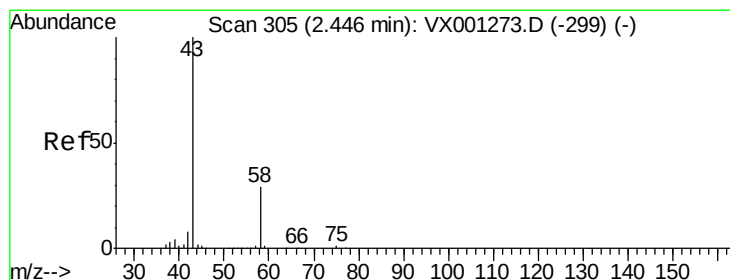
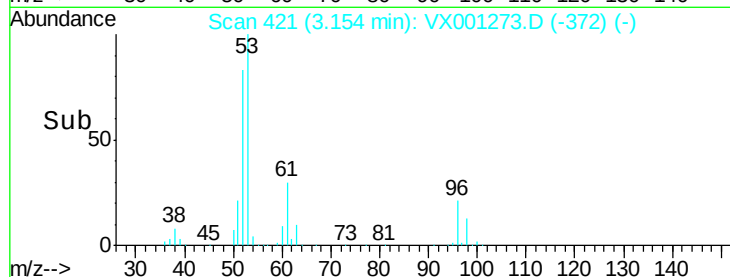
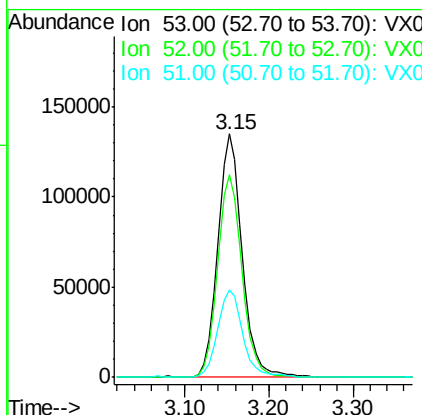
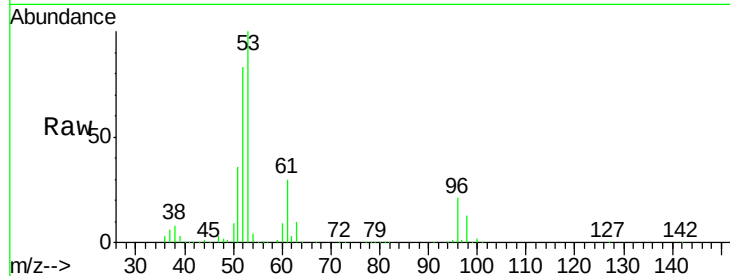




#15
 Acrylonitrile
 Concen: 210.15 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

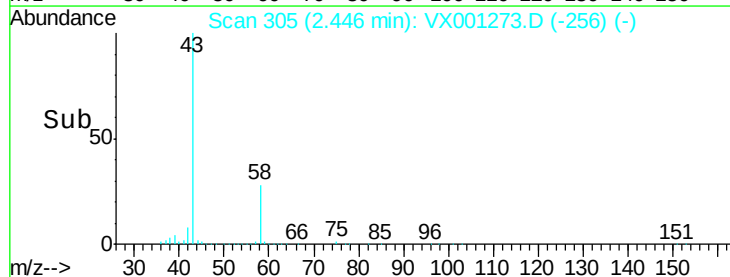
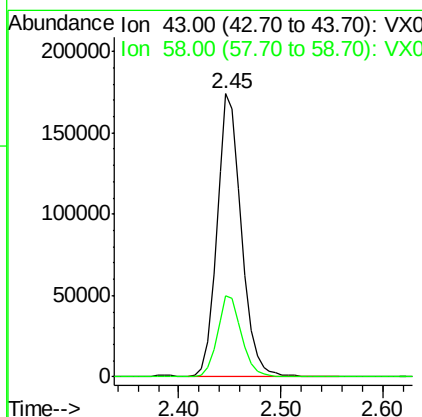
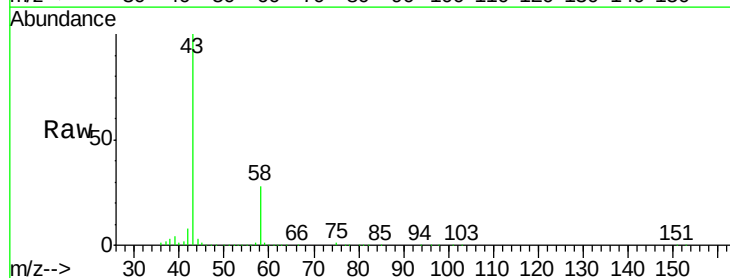
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

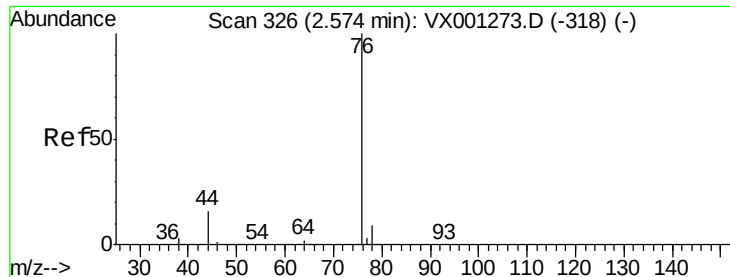
Tgt Ion: 53 Resp: 267710
 Ion Ratio Lower Upper
 53 100
 52 83.7 67.0 100.4
 51 37.4 29.9 44.9



#16
 Acetone
 Concen: 226.93 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 43 Resp: 287006
 Ion Ratio Lower Upper
 43 100
 58 28.5 22.8 34.2





#17

Carbon Disulfide

Concen: 47.70 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

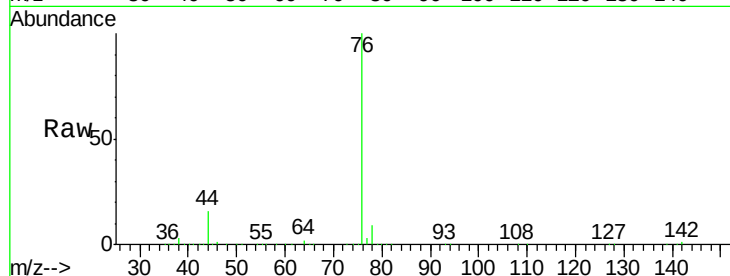
VSTDICCC050

Tgt Ion: 76 Resp: 245854

Ion Ratio Lower Upper

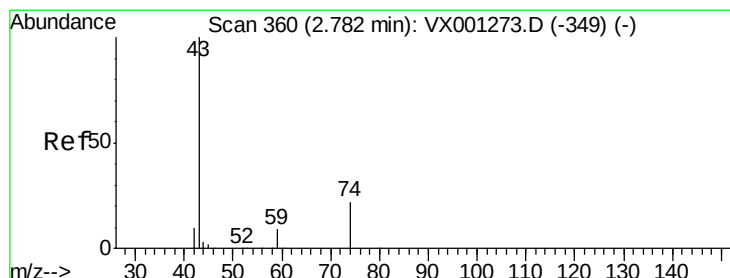
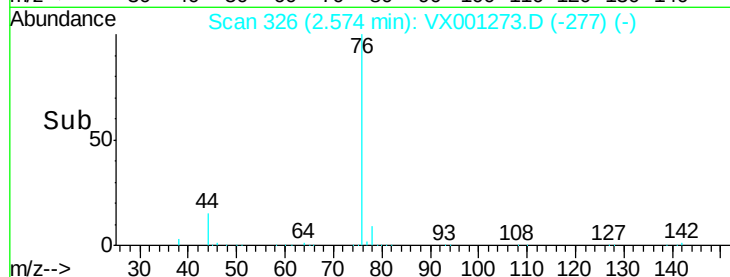
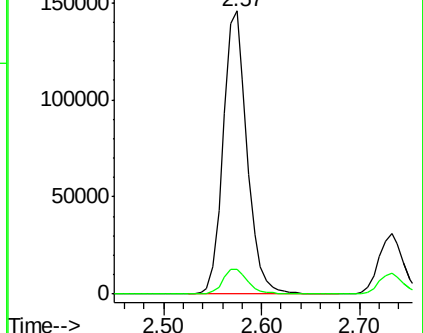
76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.43 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001273.D

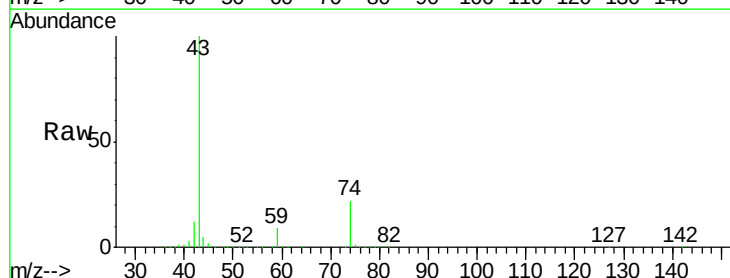
Acq: 01 May 2018 12:21

Tgt Ion: 43 Resp: 138831

Ion Ratio Lower Upper

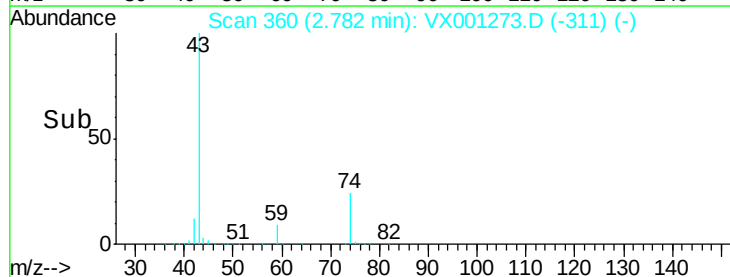
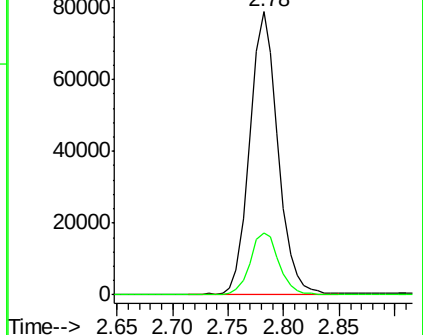
43 100

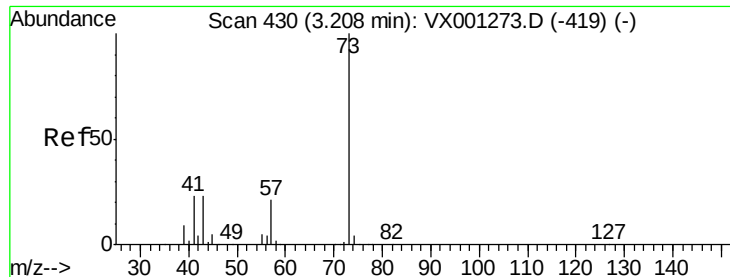
74 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

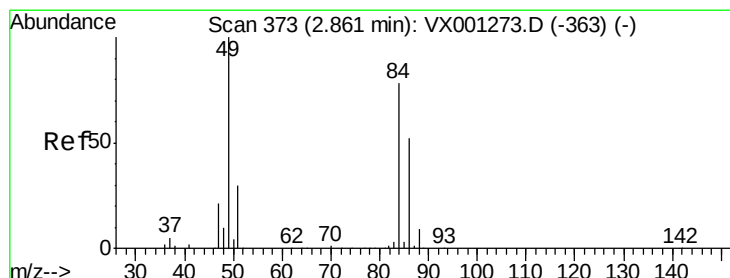
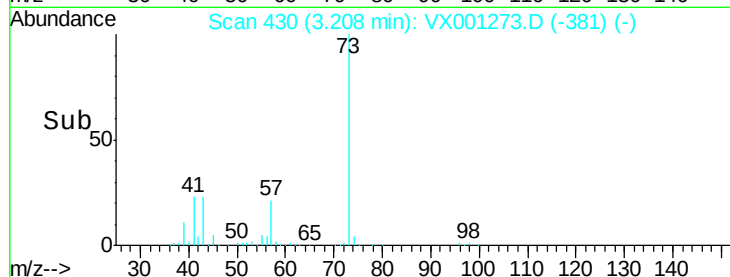
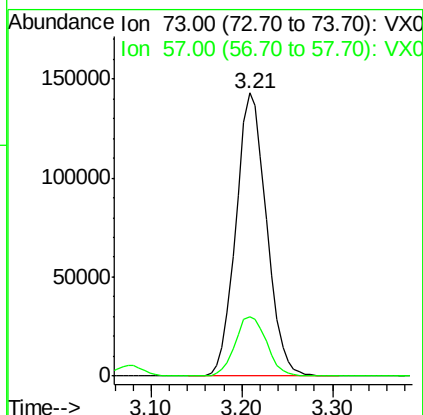
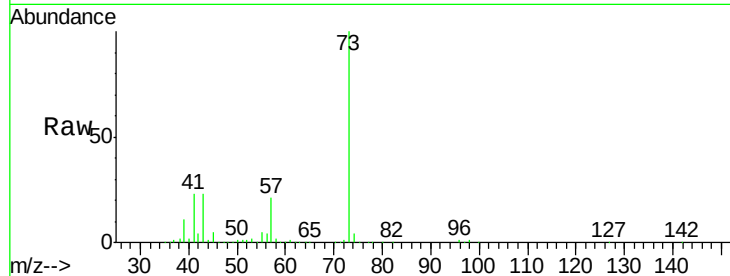




#19
Methyl tert-butyl Ether
Concen: 45.39 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

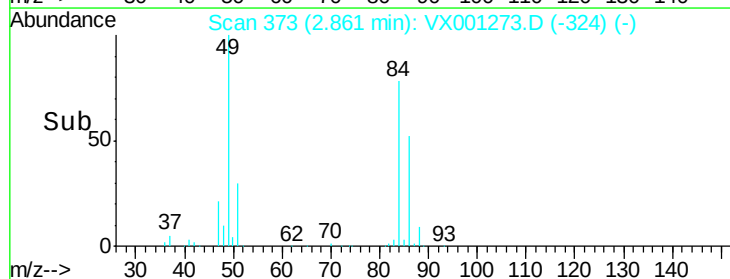
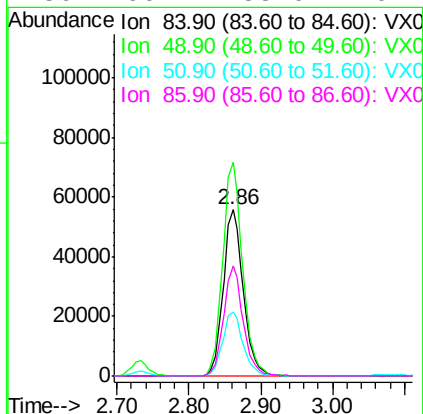
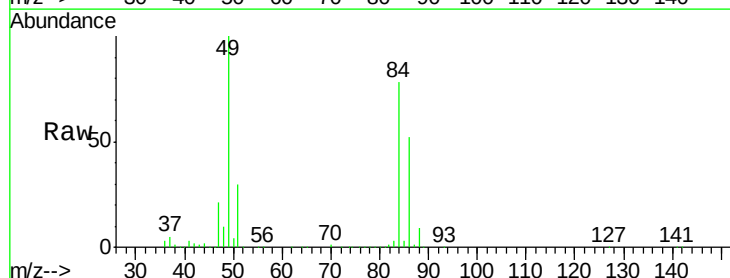
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

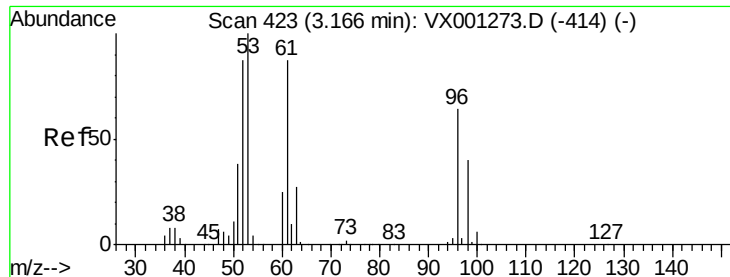
Tgt Ion: 73 Resp: 333419
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 45.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 84 Resp: 107677
Ion Ratio Lower Upper
84 100
49 128.5 102.8 154.2
51 38.6 30.9 46.3
86 66.2 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 46.37 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

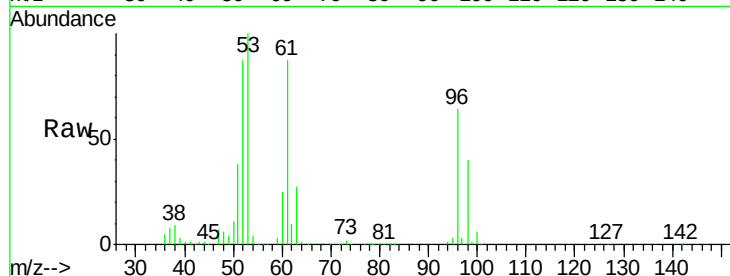
Tgt Ion: 96 Resp: 103234

Ion Ratio Lower Upper

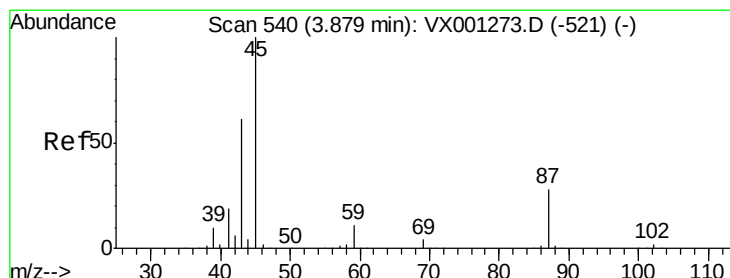
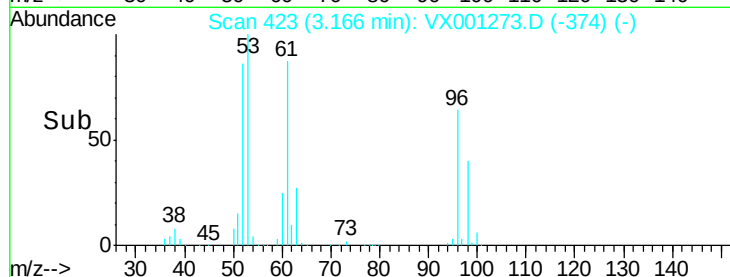
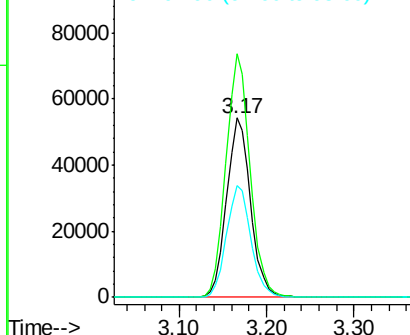
96 100

61 135.7 108.6 162.8

98 62.1 49.7 74.5



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



#22

Diisopropyl ether

Concen: 45.03 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Tgt Ion: 45 Resp: 326866

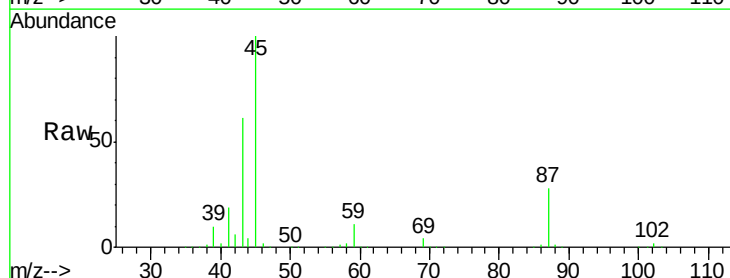
Ion Ratio Lower Upper

45 100

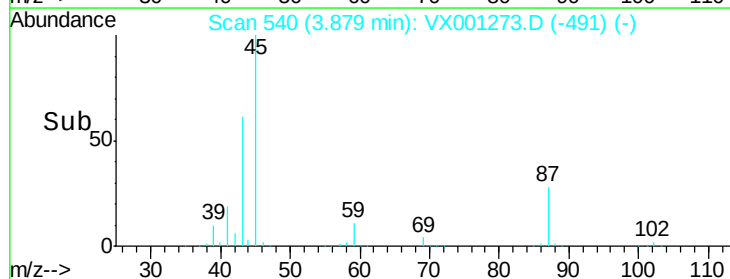
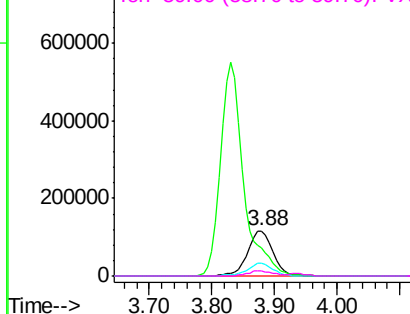
43 60.9 48.7 73.1

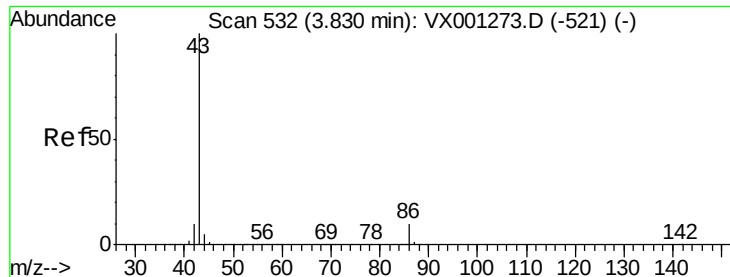
87 27.8 22.2 33.4

59 11.4 9.1 13.7



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





#23

Vinyl Acetate

Concen: 230.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

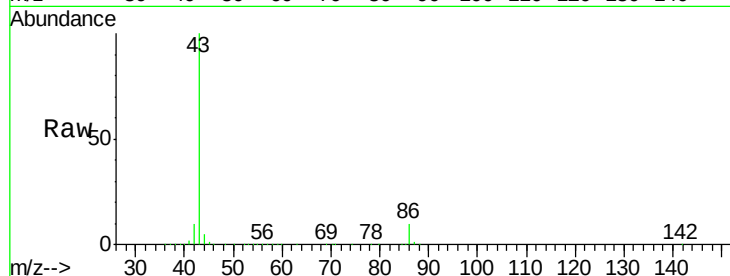
VSTDICCC050

Tgt Ion: 43 Resp: 1413875

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

600000

500000

400000

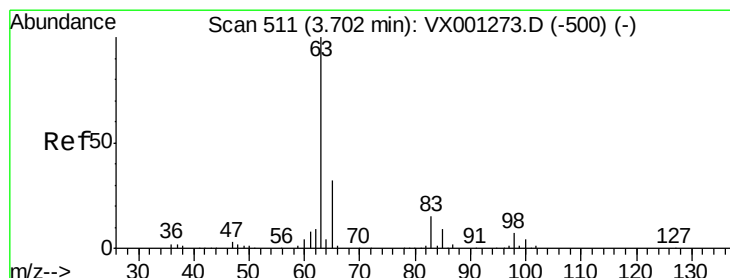
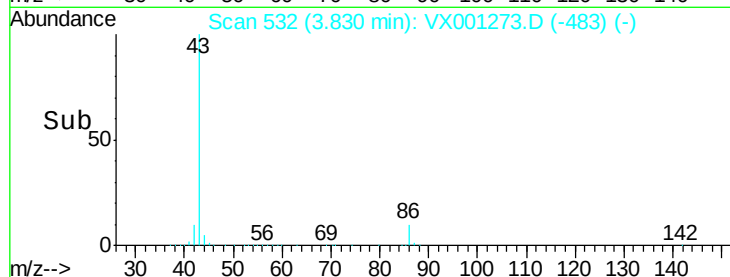
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.81 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

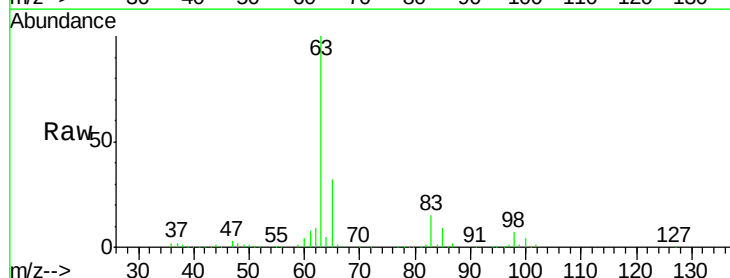
Tgt Ion: 63 Resp: 180675

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.5 2.3 6.8



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

100000

80000

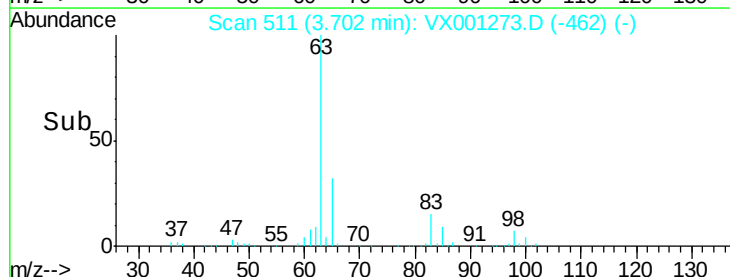
60000

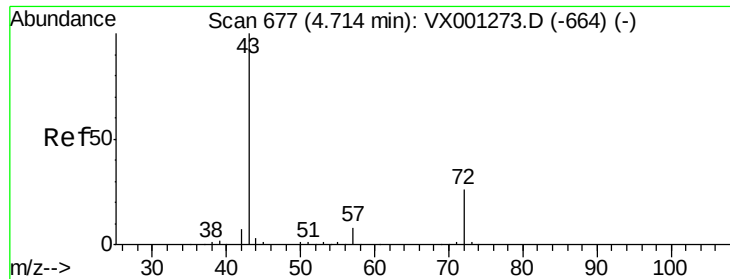
40000

20000

0

Time-->





#25

2-Butanone

Concen: 210.32 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

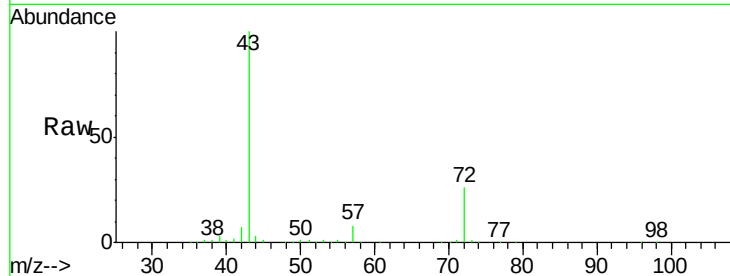
VSTDICCC050

Tgt Ion: 43 Resp: 391190

Ion Ratio Lower Upper

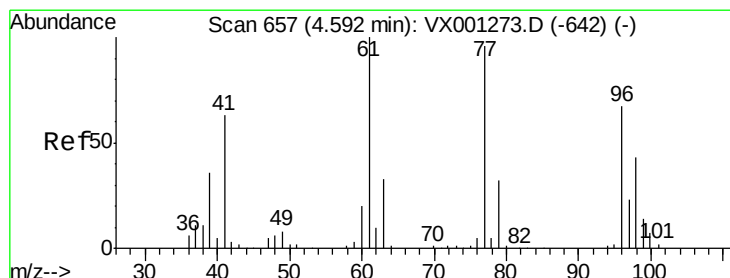
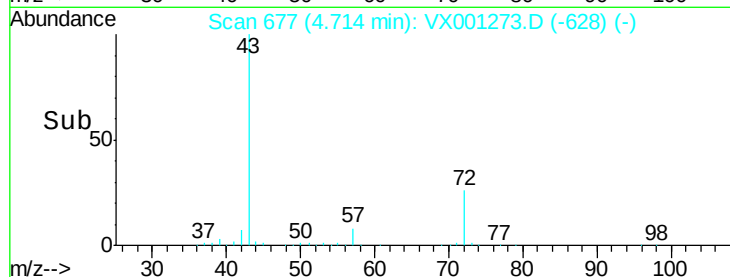
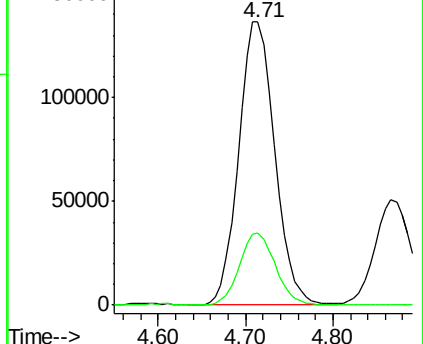
43 100

72 25.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.89 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001273.D

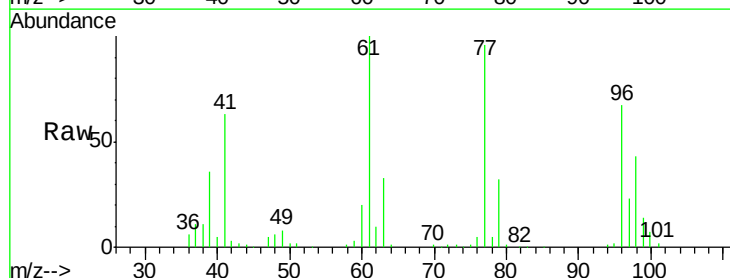
Acq: 01 May 2018 12:21

Tgt Ion: 77 Resp: 149403

Ion Ratio Lower Upper

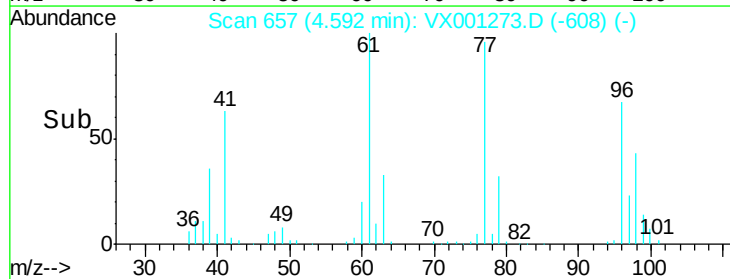
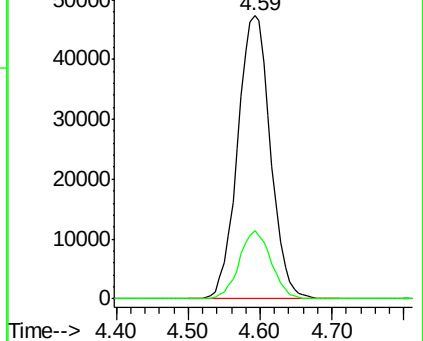
77 100

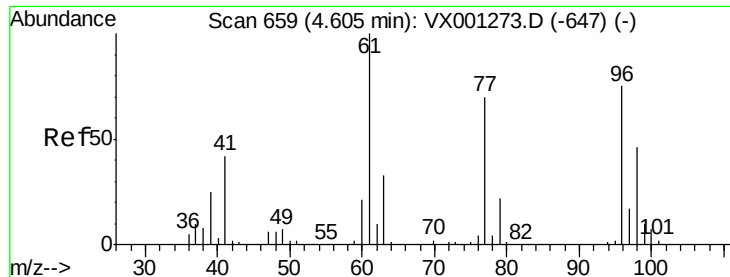
97 23.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



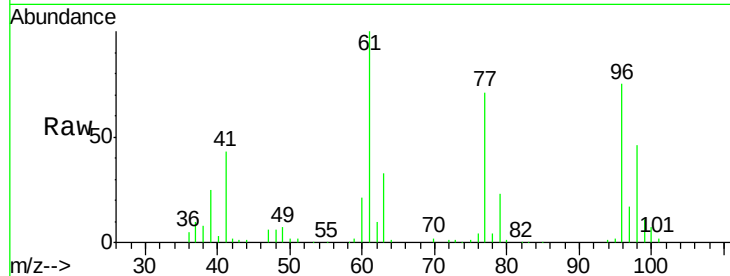


#27

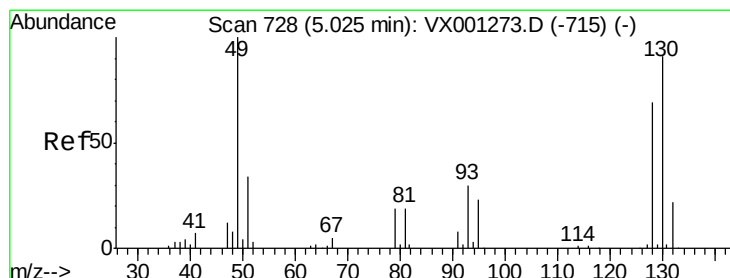
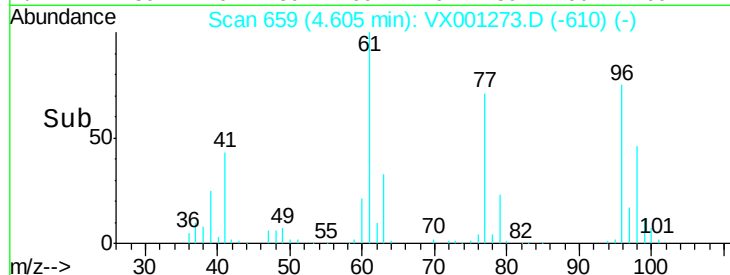
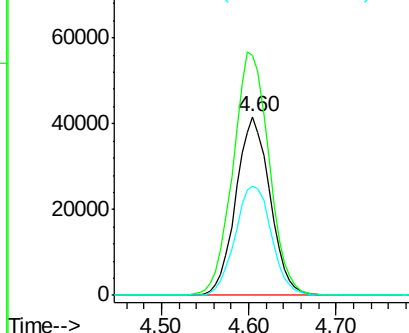
cis-1,2-Dichloroethene
Concen: 46.73 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 113259
Ion Ratio Lower Upper
96 100
61 144.0 0.0 288.0
98 65.1 0.0 130.2



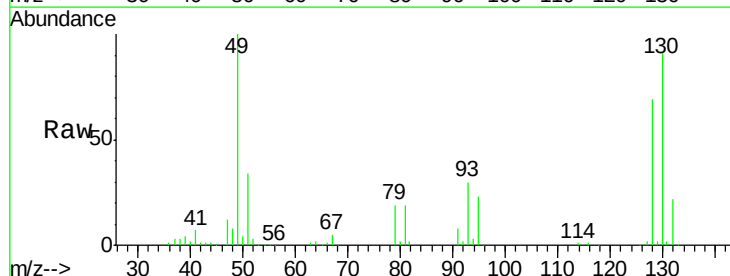
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



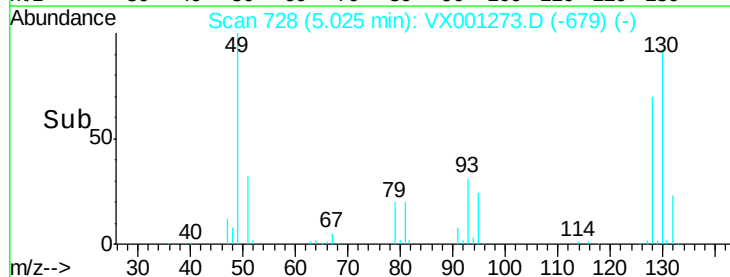
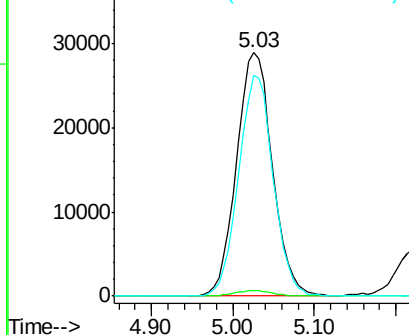
#28

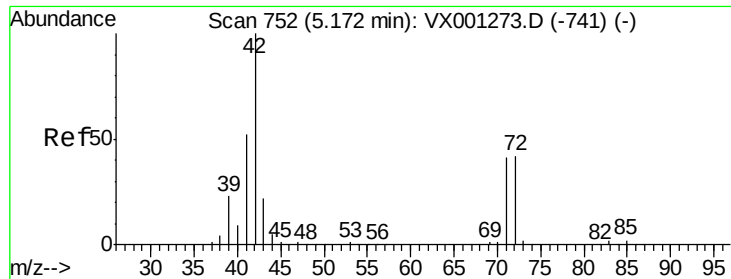
Bromochloromethane
Concen: 50.85 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 49 Resp: 88132
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 88.0 70.4 105.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

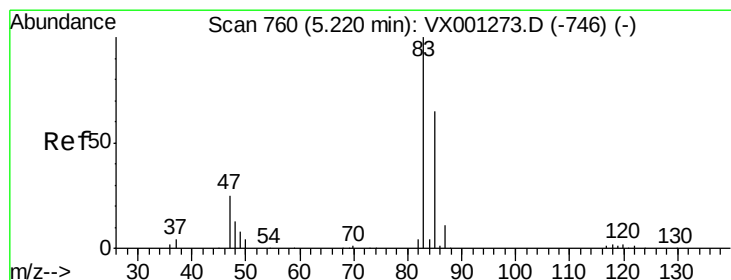
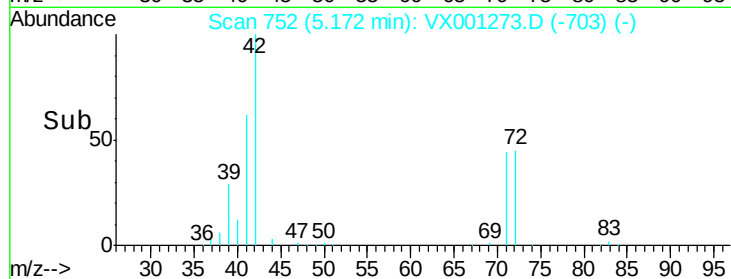
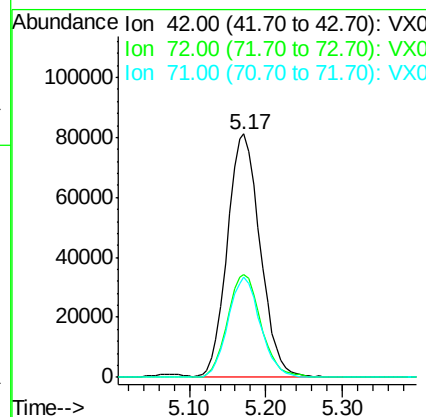
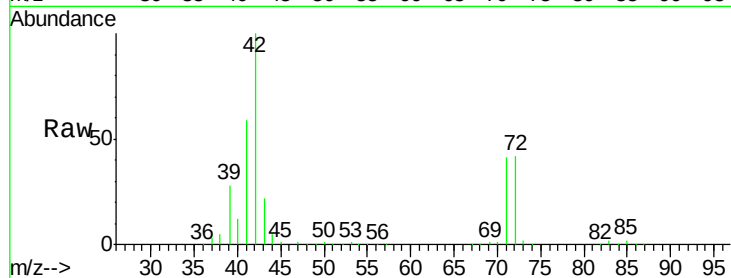




#29
Tetrahydrofuran
Concen: 202.30 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

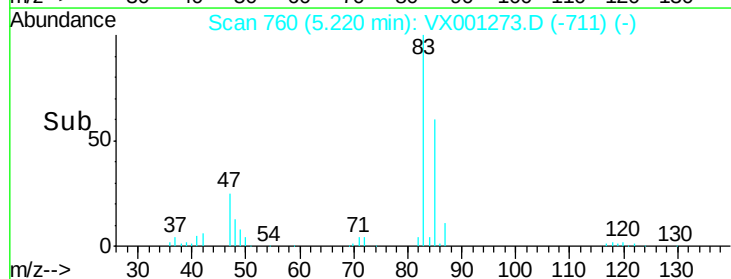
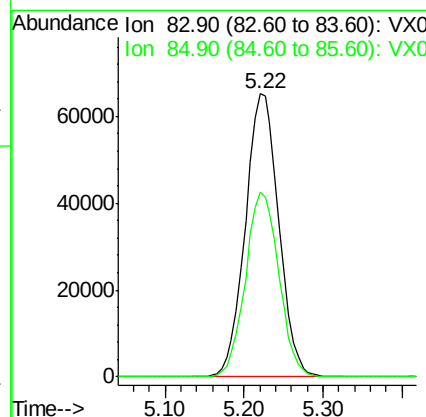
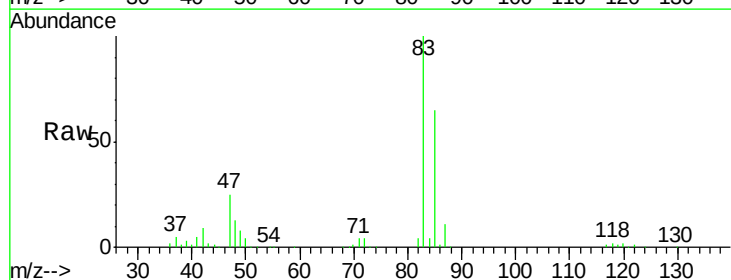
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

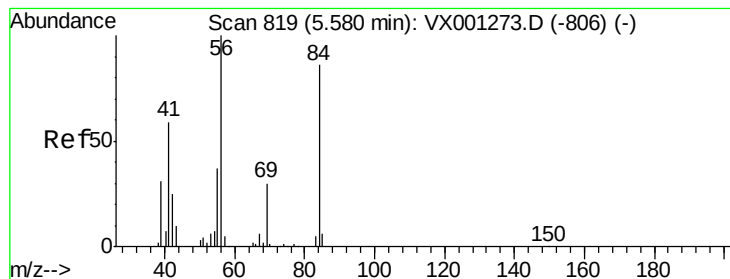
Tgt Ion: 42 Resp: 240514
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.9 32.7 49.1



#30
Chloroform
Concen: 47.06 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 83 Resp: 192254
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2





#31

Cyclohexane

Concen: 48.90 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

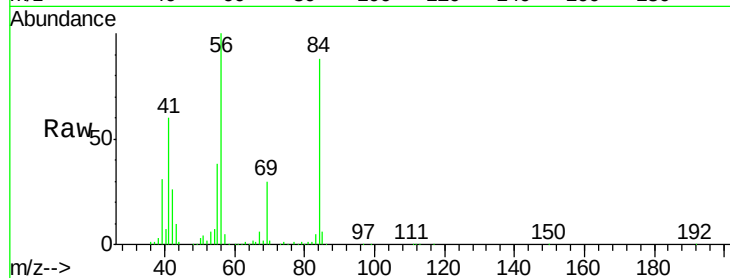
Tgt Ion: 56 Resp: 161991

Ion Ratio Lower Upper

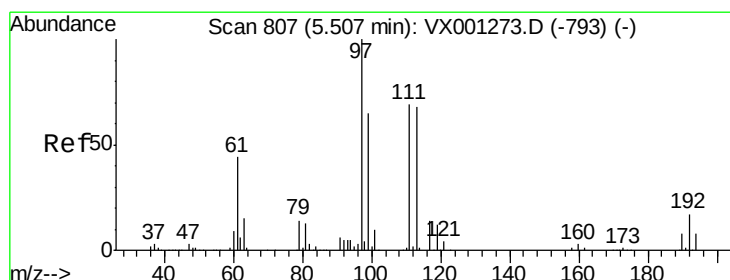
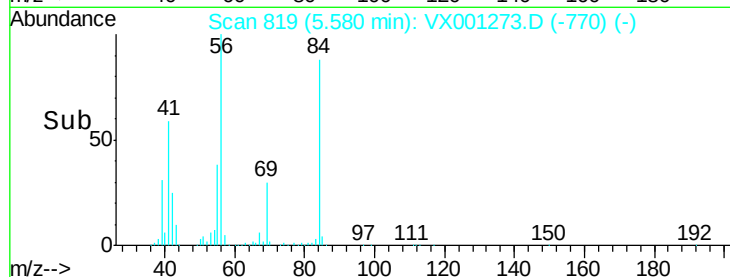
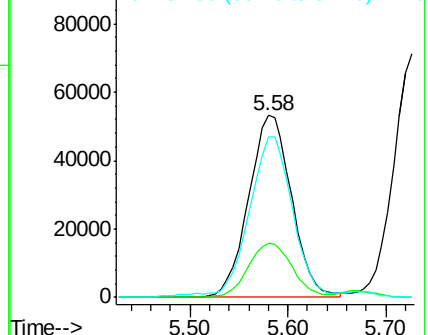
56 100

69 30.0 24.0 36.0

84 86.2 69.0 103.4



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



#32

1,1,1-Trichloroethane

Concen: 48.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

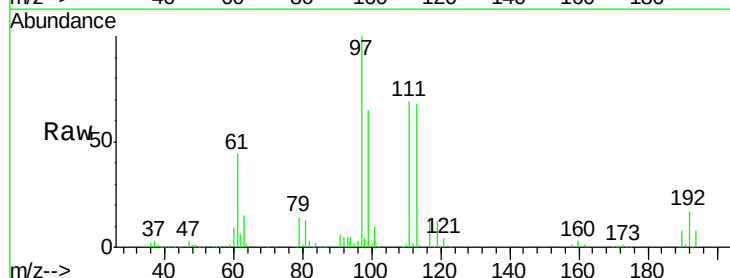
Tgt Ion: 97 Resp: 172991

Ion Ratio Lower Upper

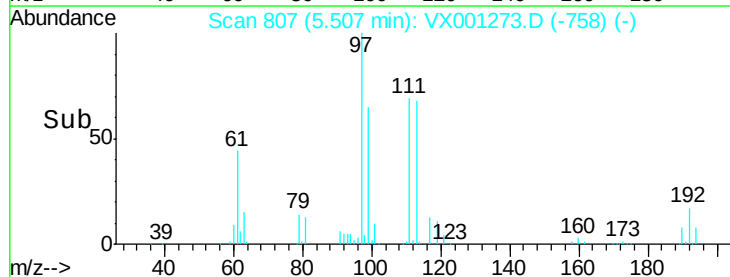
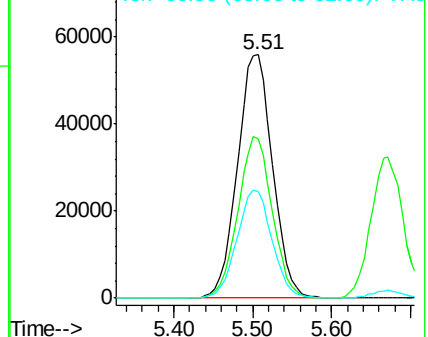
97 100

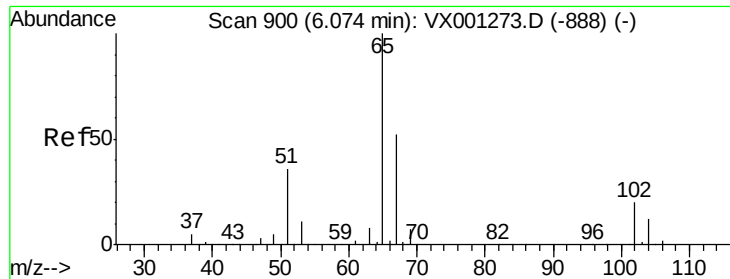
99 64.7 51.8 77.6

61 44.3 35.4 53.2



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

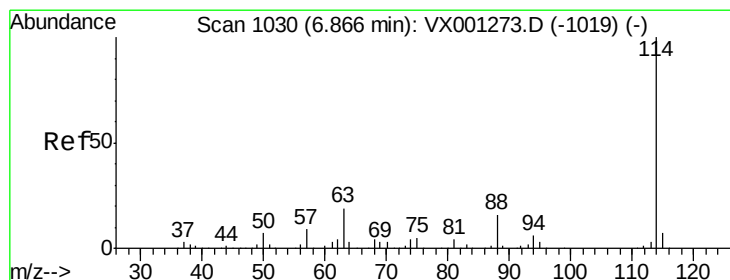
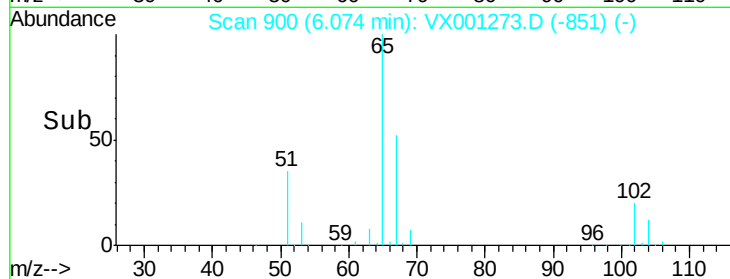
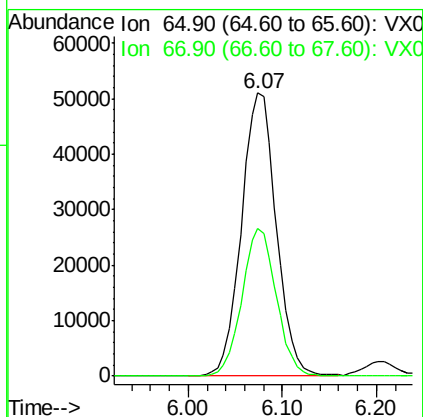
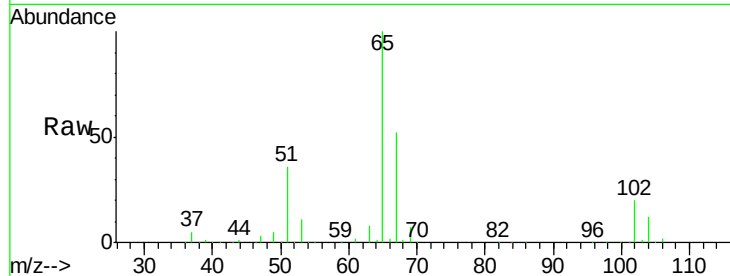




#33
 1,2-Dichloroethane-d4
 Concen: 43.26 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

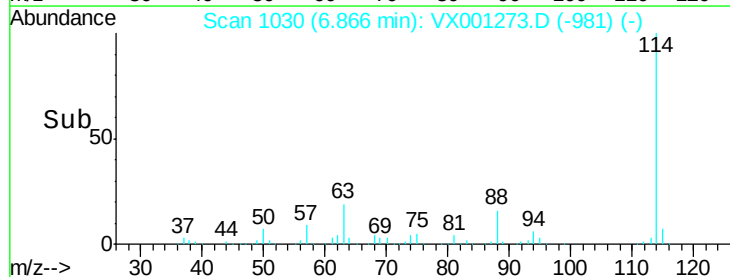
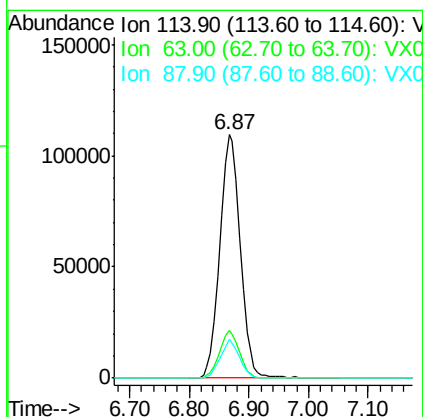
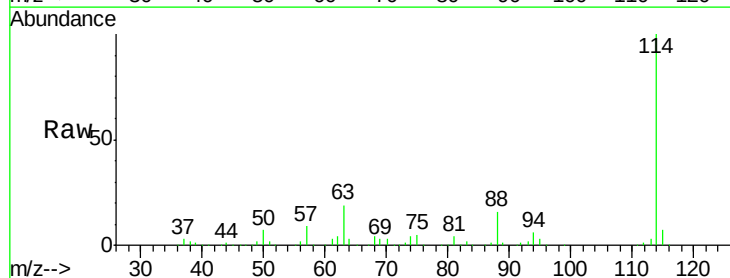
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

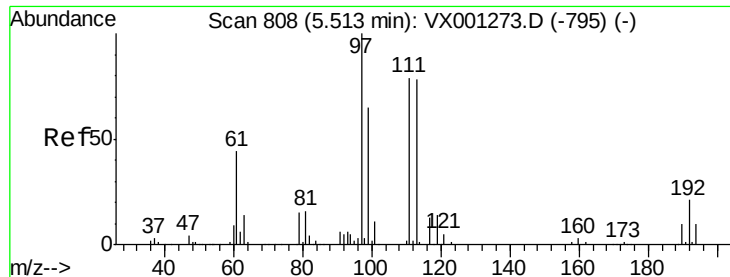
Tgt Ion: 65 Resp: 132207
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 114 Resp: 262564
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.35 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

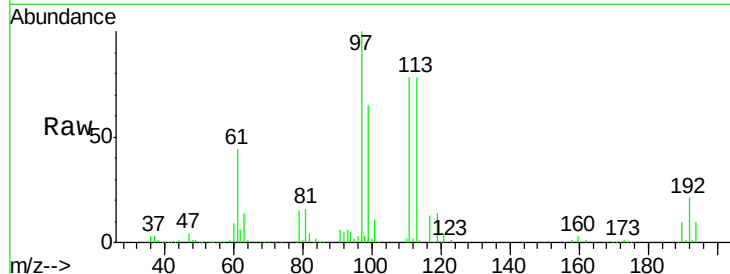
Tgt Ion:113 Resp: 109902

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

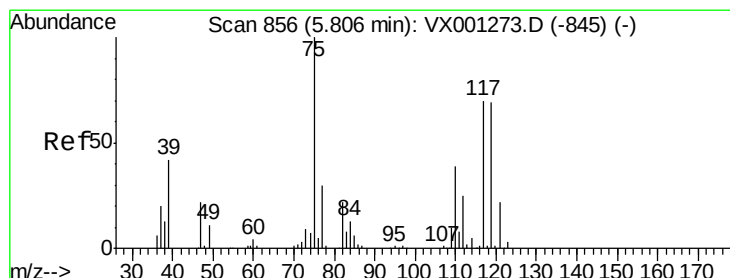
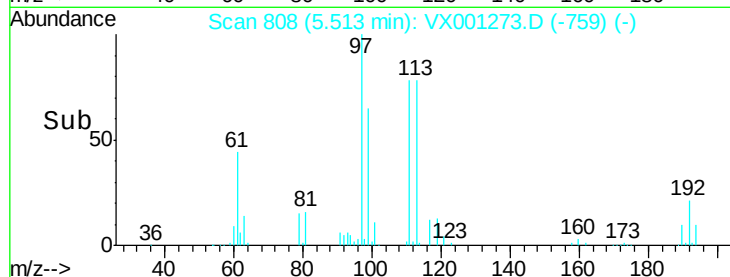
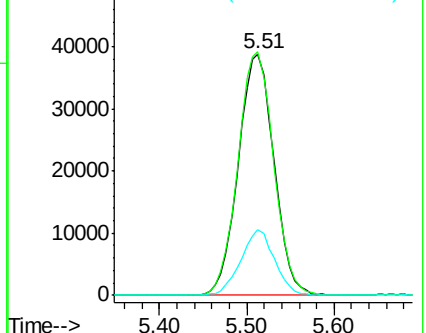
192 25.9 20.7 31.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.94 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

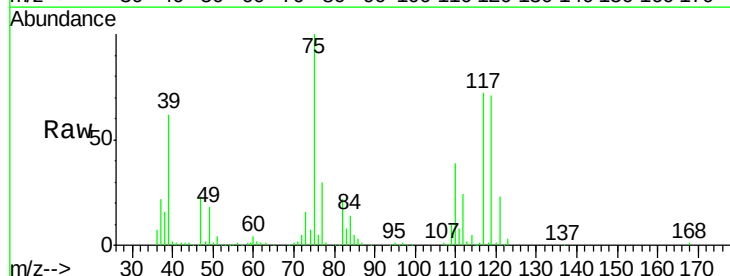
Tgt Ion: 75 Resp: 142929

Ion Ratio Lower Upper

75 100

110 37.9 18.9 56.9

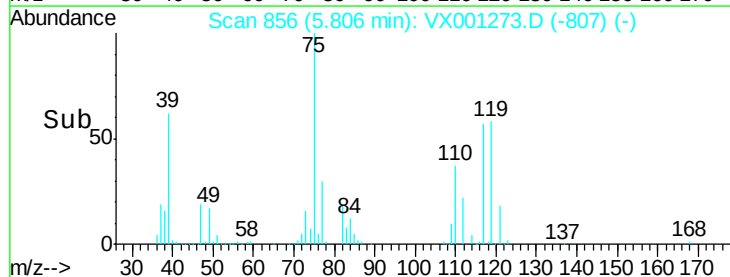
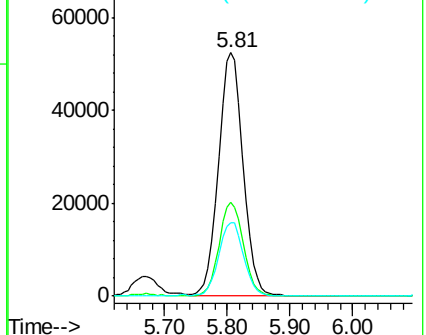
77 30.2 24.2 36.2

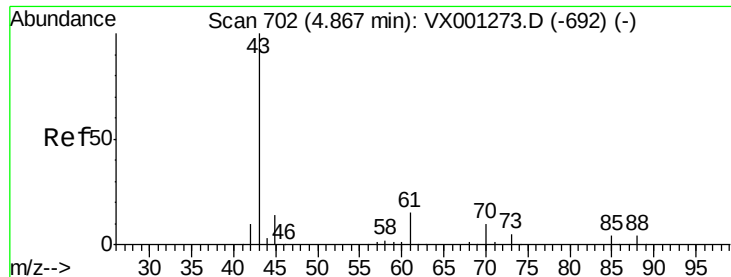


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

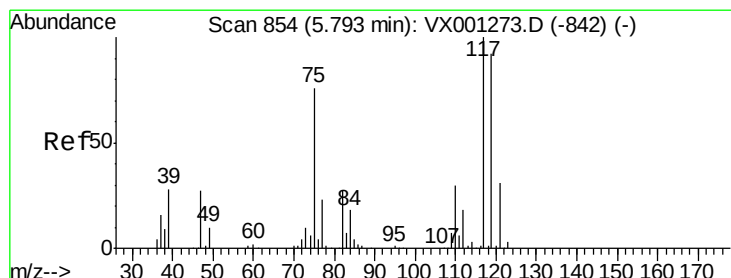
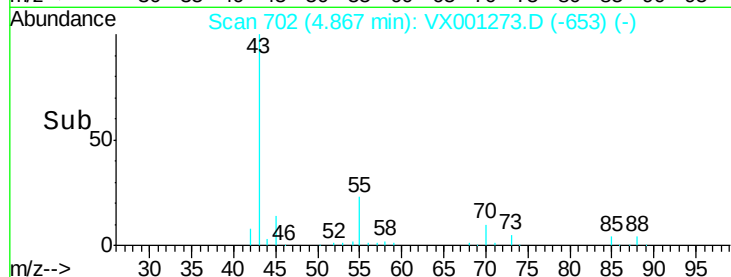
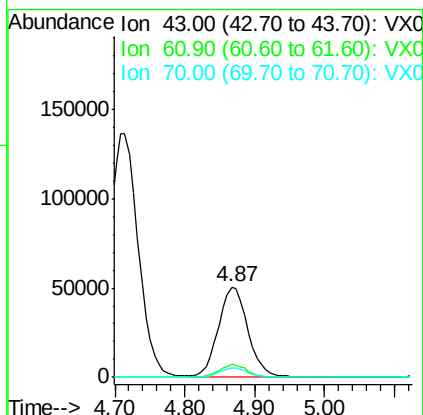
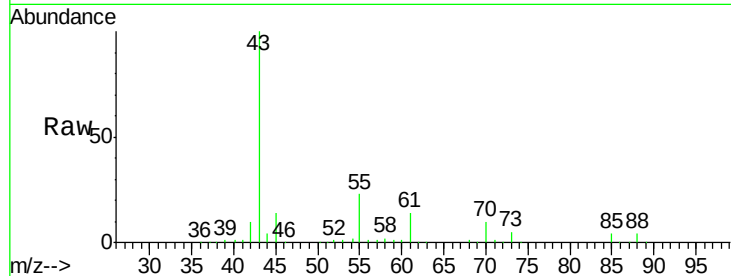




#37
 Ethyl Acetate
 Concen: 43.45 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

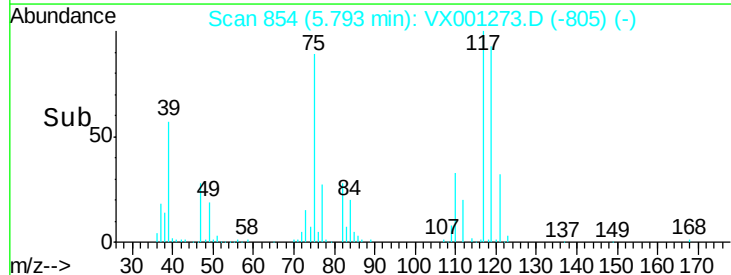
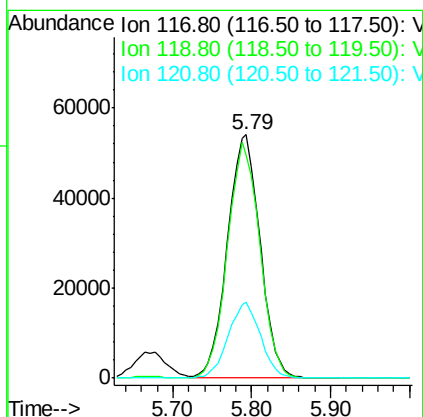
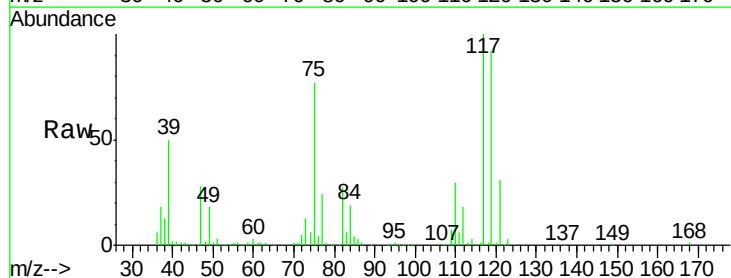
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

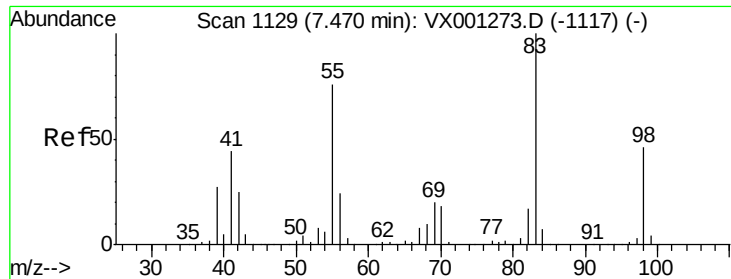
Tgt Ion: 43 Resp: 147949
 Ion Ratio Lower Upper
 43 100
 61 13.4 10.7 16.1
 70 10.0 8.0 12.0



#38
 Carbon Tetrachloride
 Concen: 51.88 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 117 Resp: 156007
 Ion Ratio Lower Upper
 117 100
 119 91.8 73.4 110.2
 121 31.2 25.0 37.4

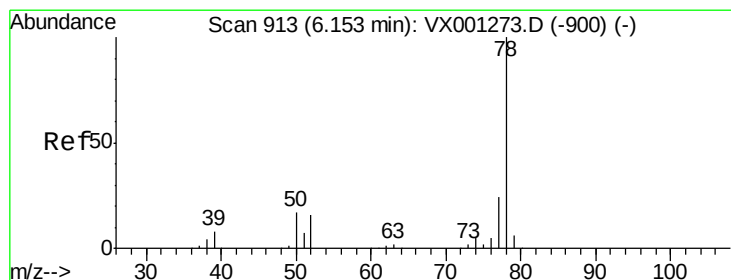
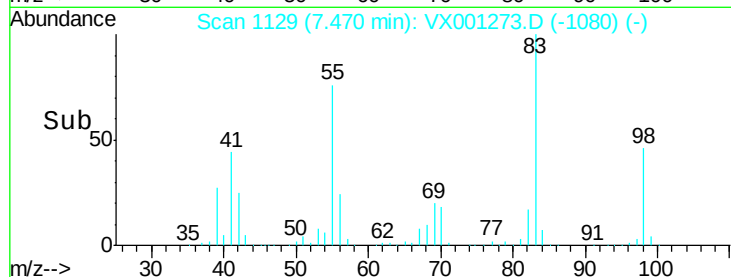
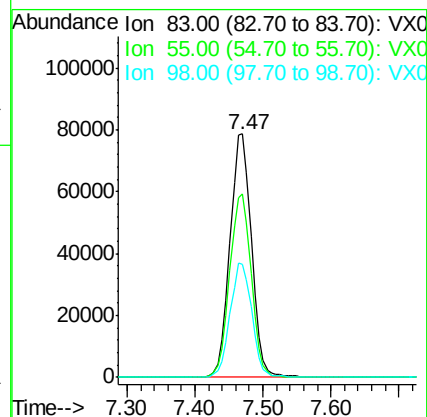
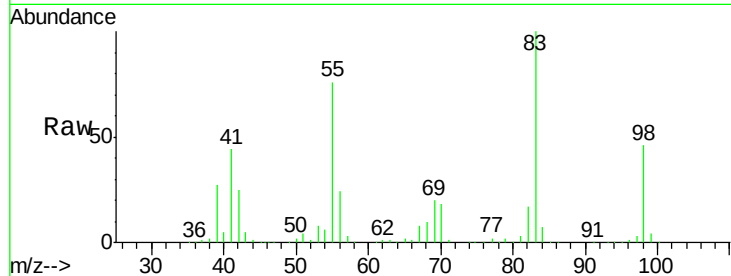




#39
Methylcyclohexane
Concen: 52.85 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

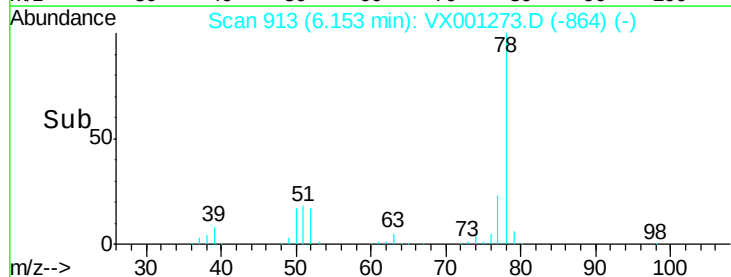
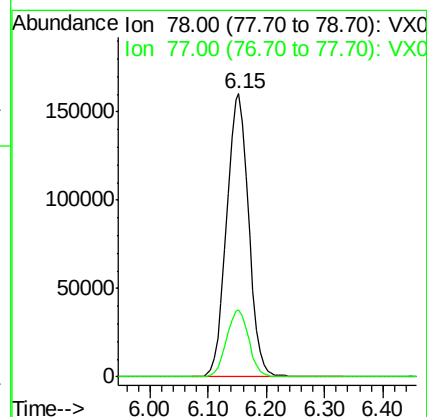
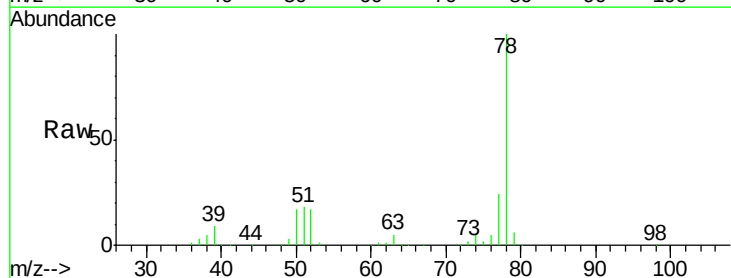
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

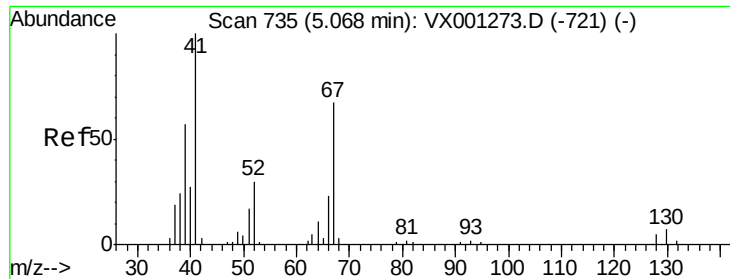
Tgt Ion: 83 Resp: 173125
Ion Ratio Lower Upper
83 100
55 75.5 60.4 90.6
98 46.3 37.0 55.6



#40
Benzene
Concen: 50.25 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 78 Resp: 422622
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

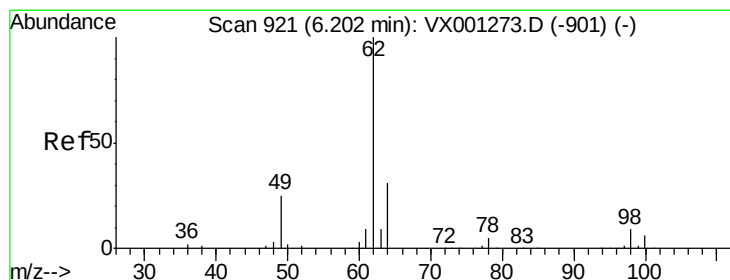
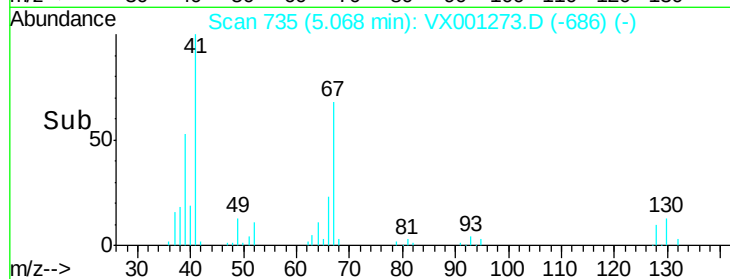
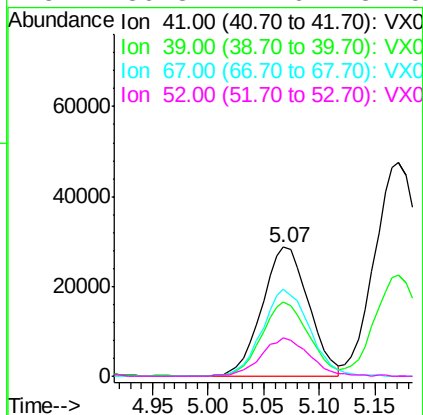
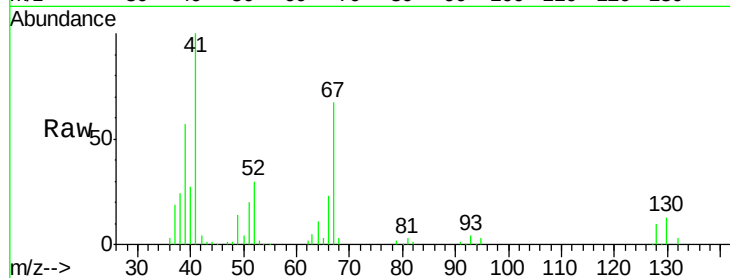




#41
Methacrylonitrile
Concen: 43.71 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

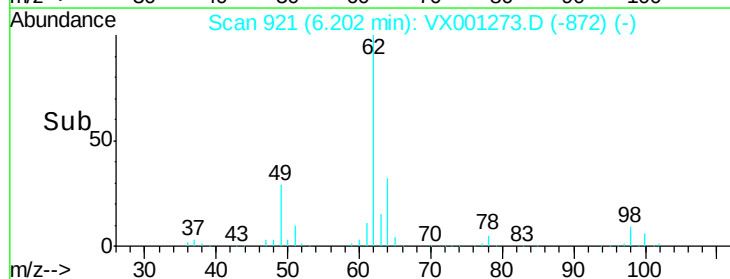
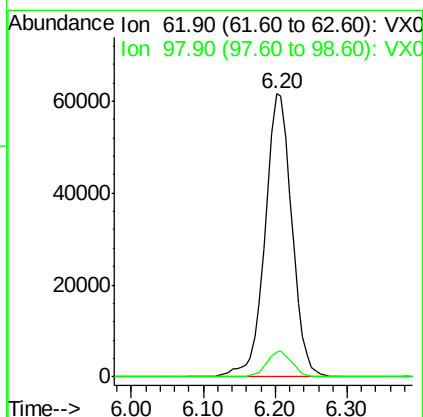
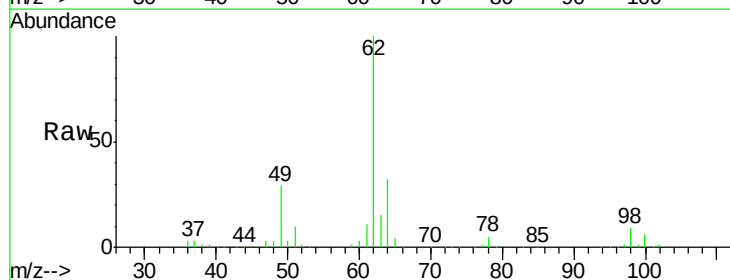
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

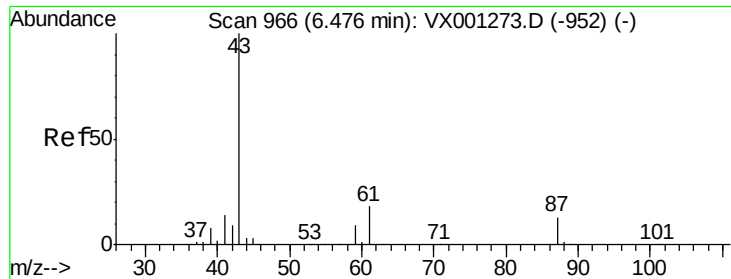
Tgt Ion:	41	Resp:	83592
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	68.5	54.8	82.2
52	30.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 47.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion:	62	Resp:	159698
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 46.43 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

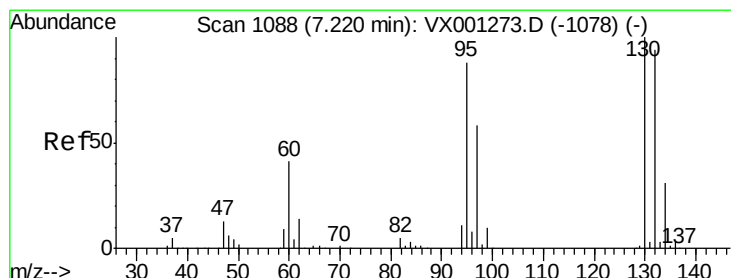
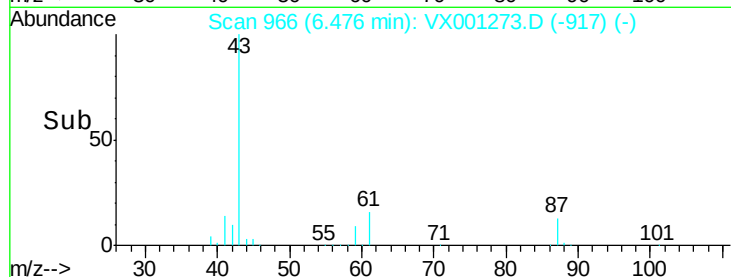
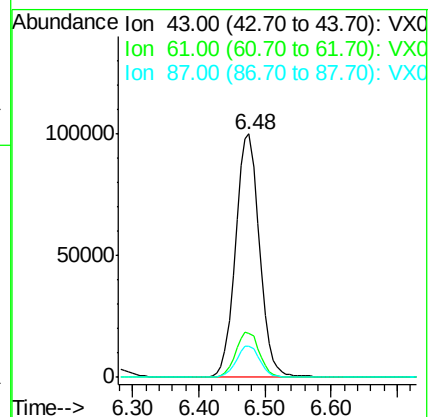
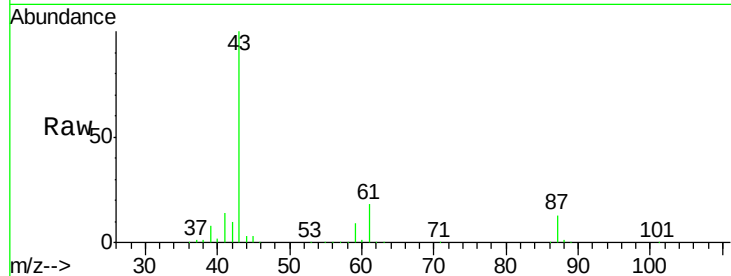
Tgt Ion: 43 Resp: 249497

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 50.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001273.D

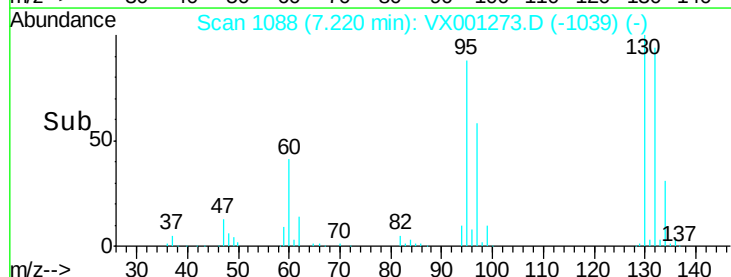
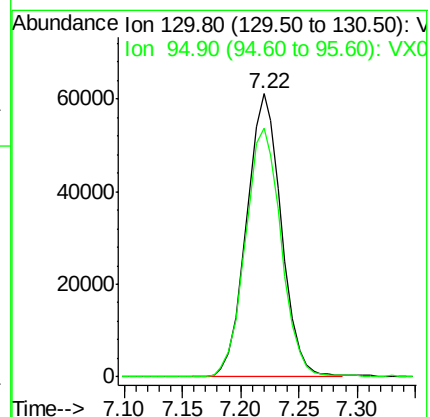
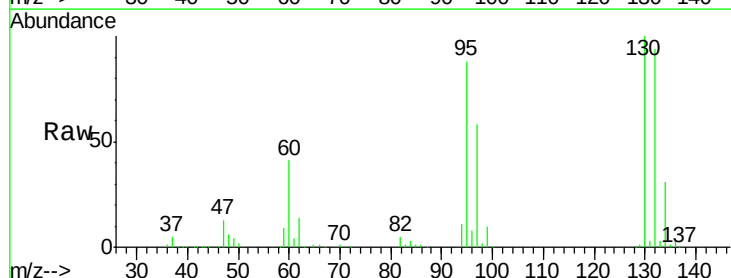
Acq: 01 May 2018 12:21

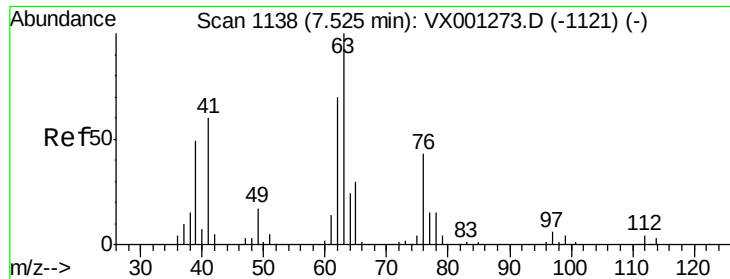
Tgt Ion: 130 Resp: 126656

Ion Ratio Lower Upper

130 100

95 88.0 0.0 176.0

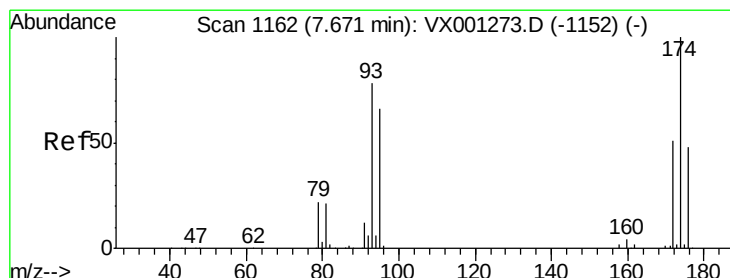
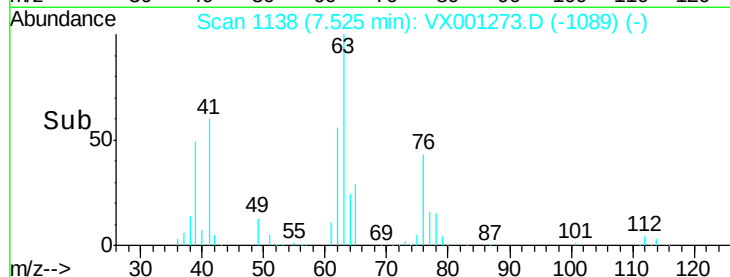
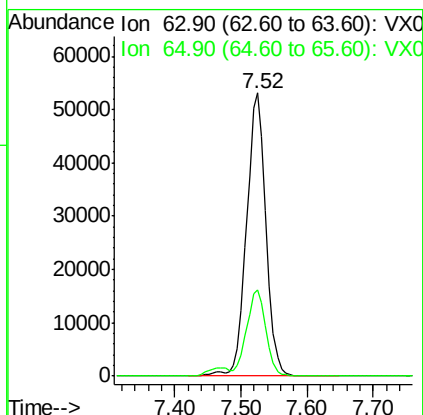
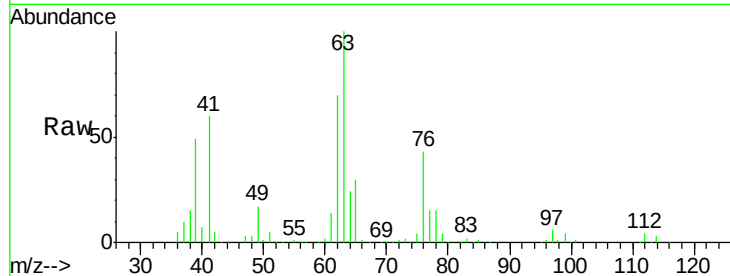




#45
 1,2-Dichloropropane
 Concen: 49.35 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

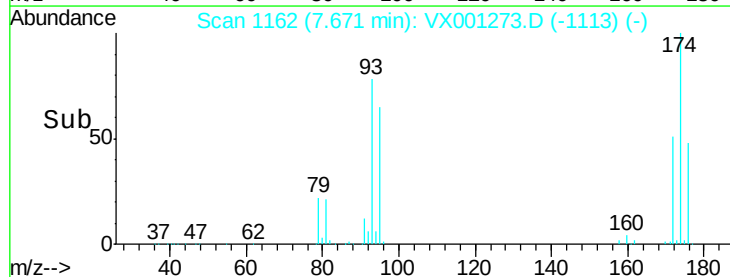
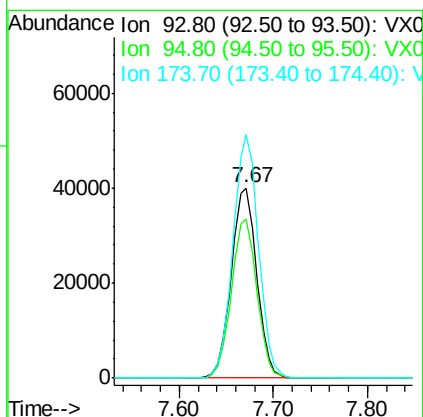
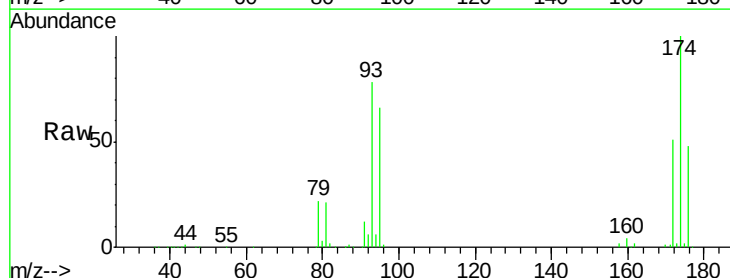
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

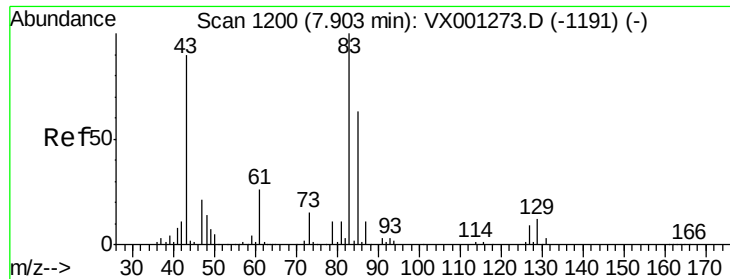
Tgt Ion: 63 Resp: 108676
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 49.55 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 93 Resp: 75505
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 127.9 102.3 153.5





#47

Bromodichloromethane

Concen: 51.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

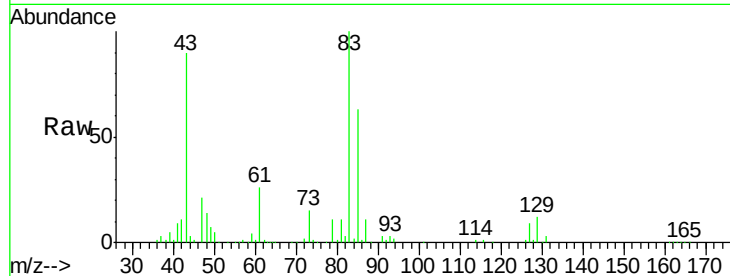
Tgt Ion: 83 Resp: 141891

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

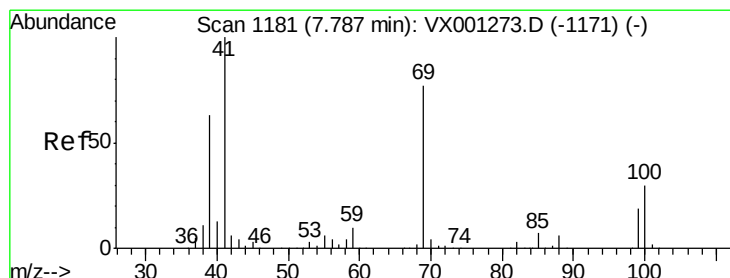
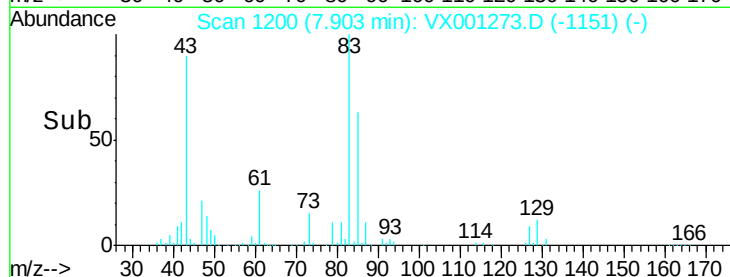
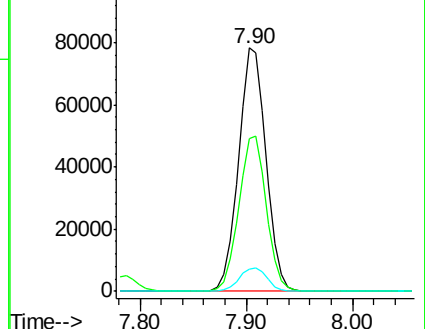
127 9.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.81 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

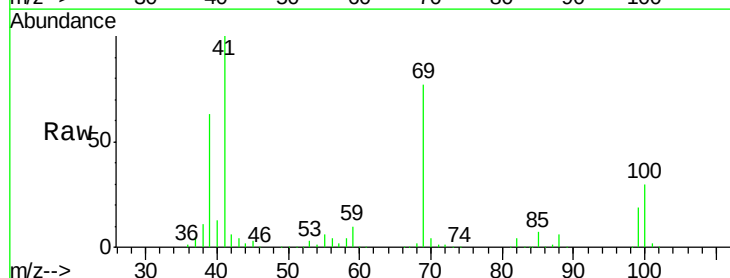
Tgt Ion: 41 Resp: 130658

Ion Ratio Lower Upper

41 100

69 78.8 63.0 94.6

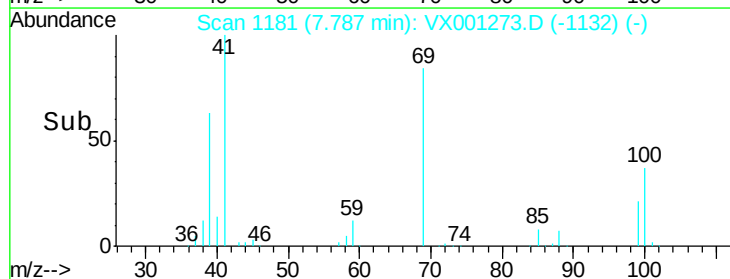
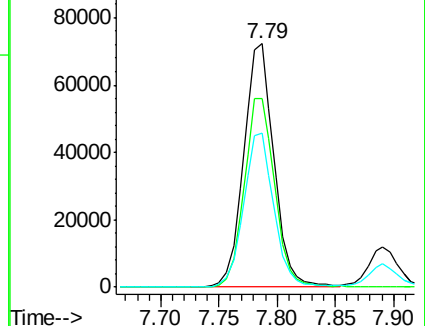
39 62.8 50.2 75.4

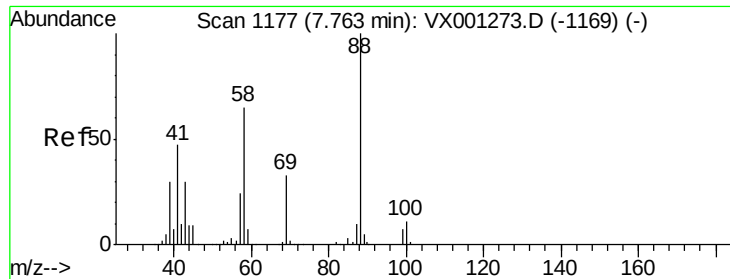


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

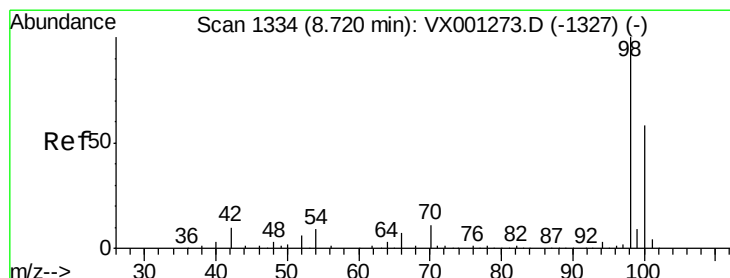
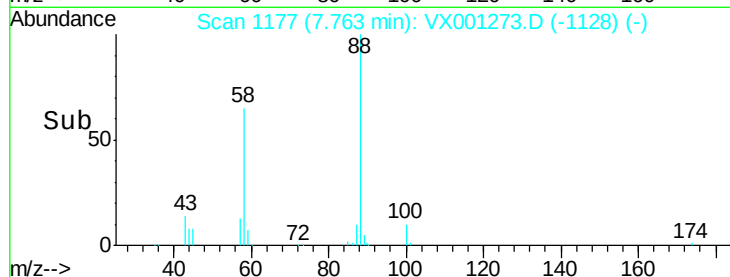
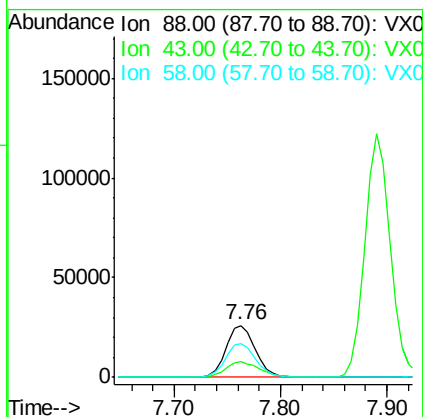
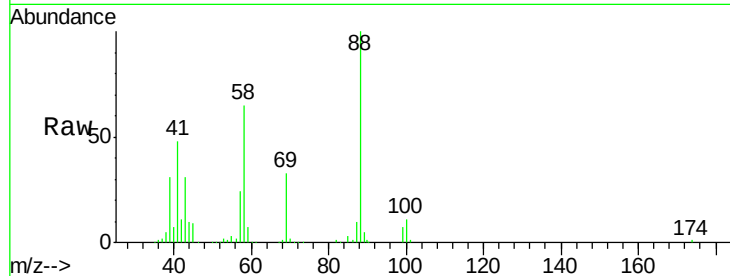




#49
 1,4-Dioxane
 Concen: 889.62 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

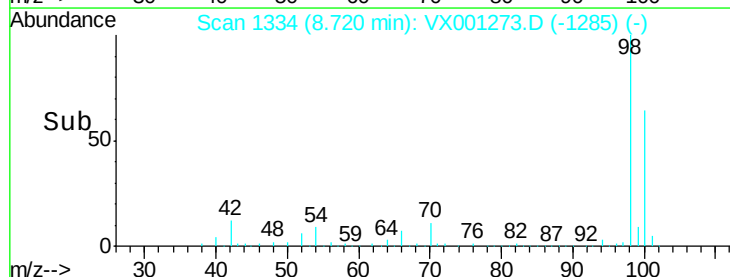
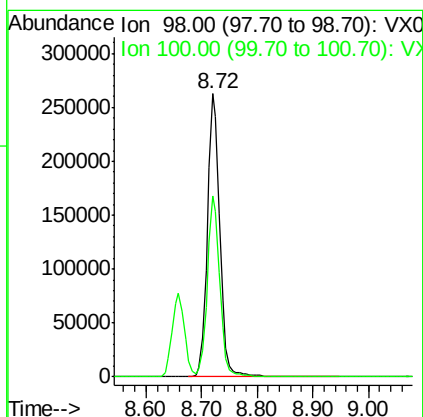
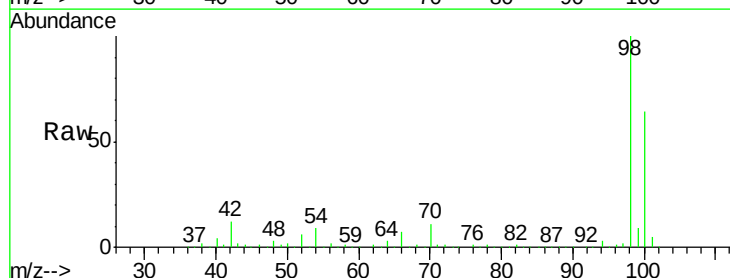
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

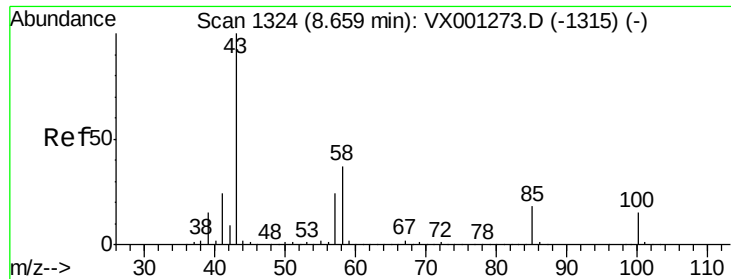
Tgt Ion: 88 Resp: 50214
 Ion Ratio Lower Upper
 88 100
 43 34.9 27.9 41.9
 58 67.7 54.2 81.2



#50
 Toluene-d8
 Concen: 50.15 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 98 Resp: 414335
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 230.76 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

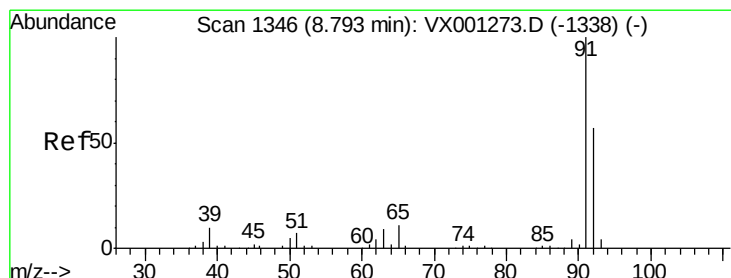
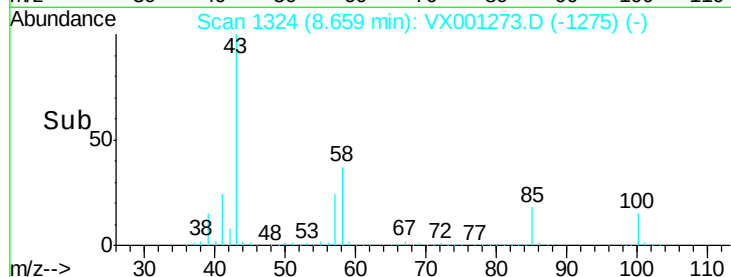
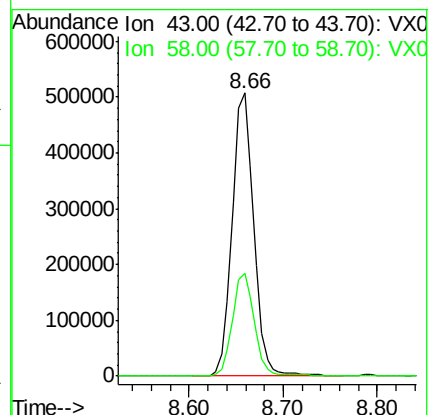
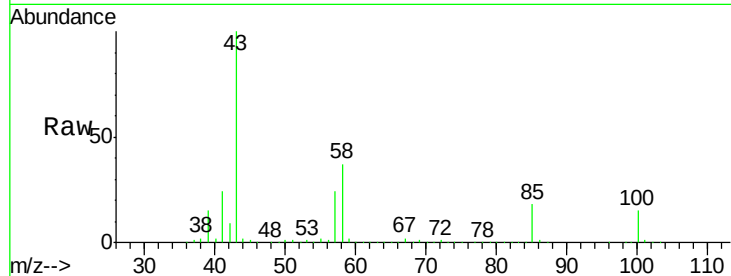
VSTDICCC050

Tgt Ion: 43 Resp: 812465

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6



#52

Toluene

Concen: 50.63 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001273.D

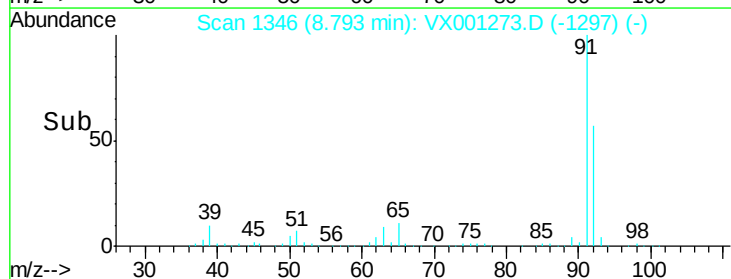
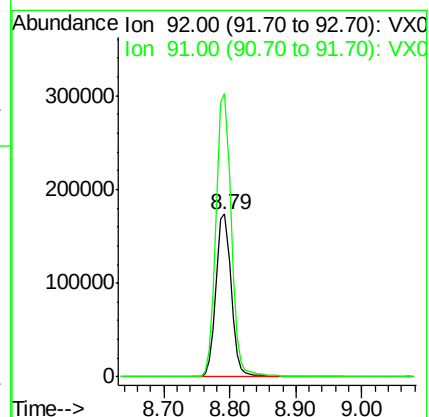
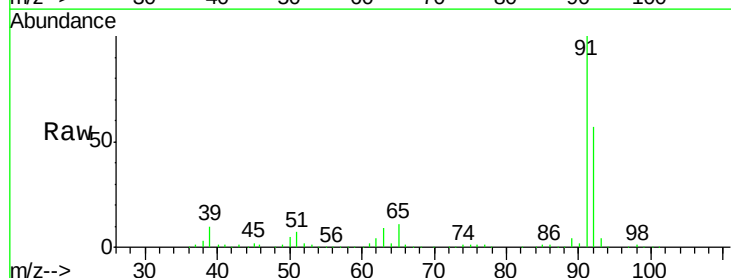
Acq: 01 May 2018 12:21

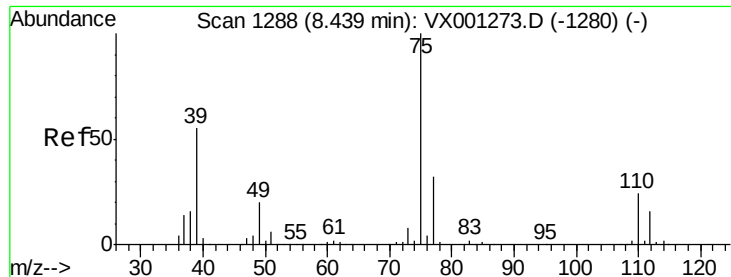
Tgt Ion: 92 Resp: 278901

Ion Ratio Lower Upper

92 100

91 173.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 52.58 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

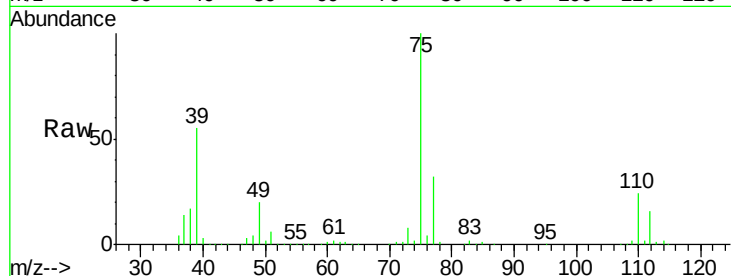
VSTDICCC050

Tgt Ion: 75 Resp: 169217

Ion Ratio Lower Upper

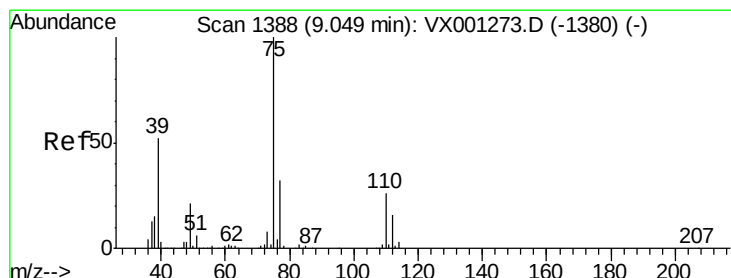
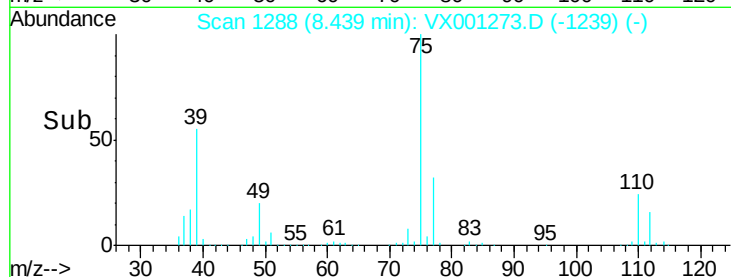
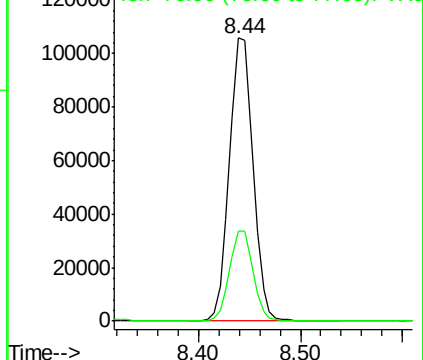
75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.16 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

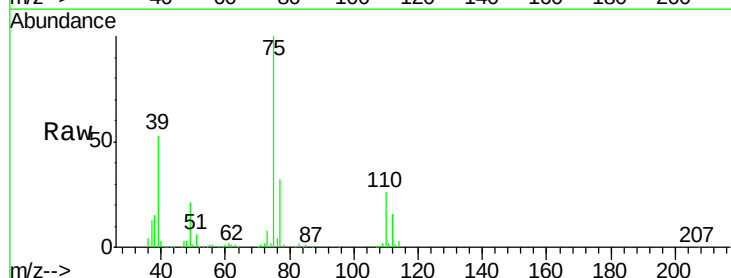
Tgt Ion: 75 Resp: 160489

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

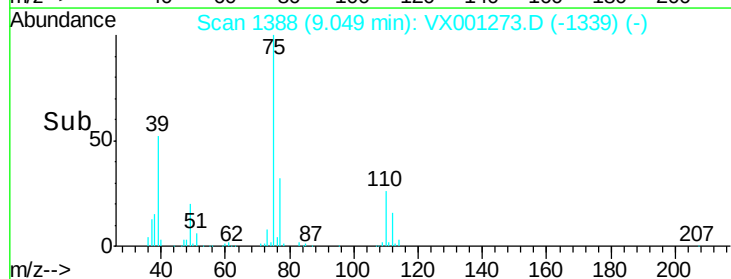
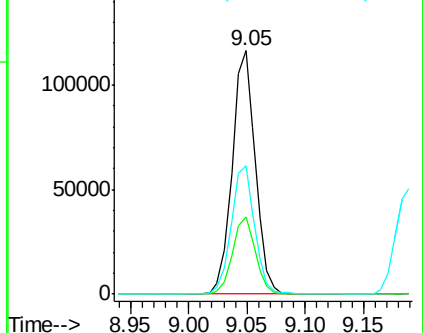
39 52.4 41.9 62.9

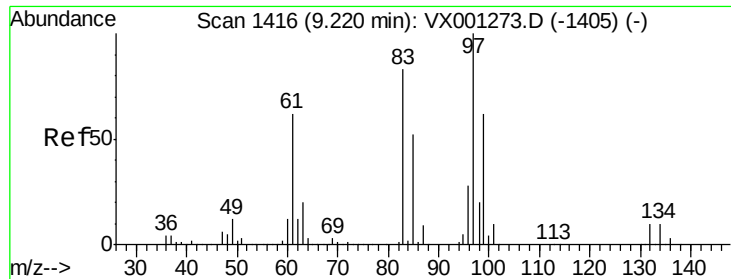


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

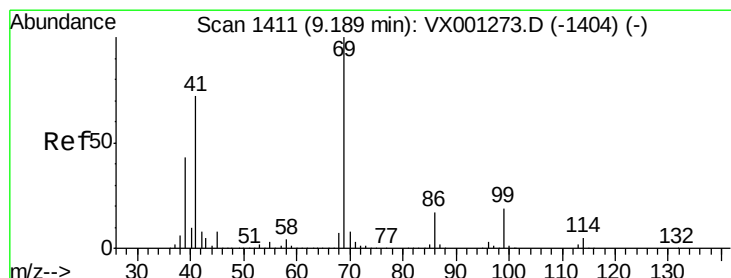
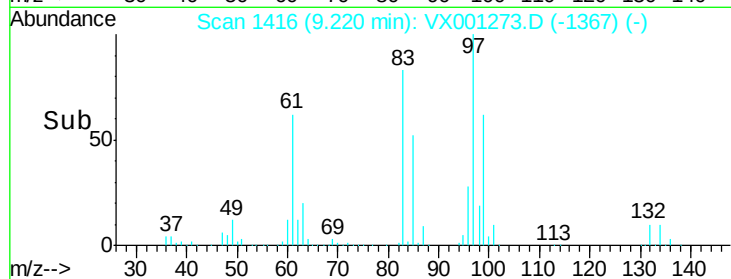
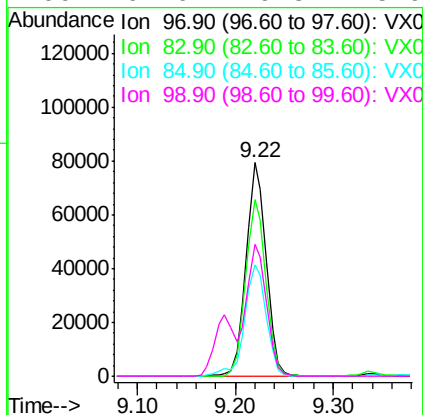
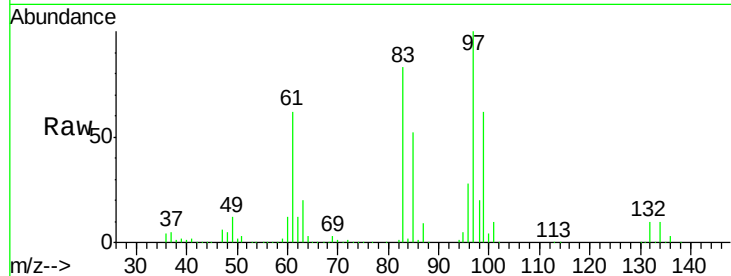




#55
 1,1,2-Trichloroethane
 Concen: 48.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

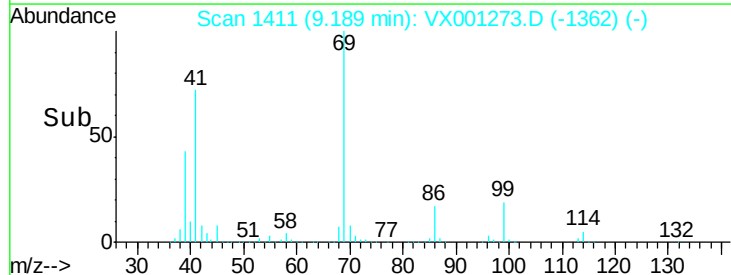
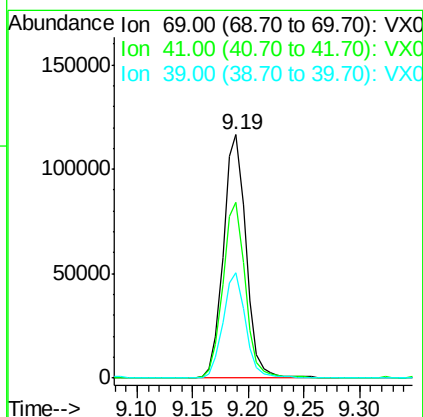
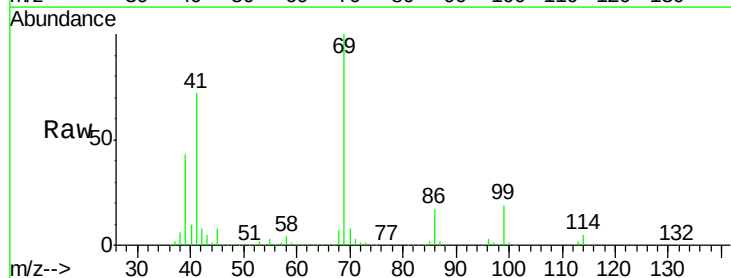
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

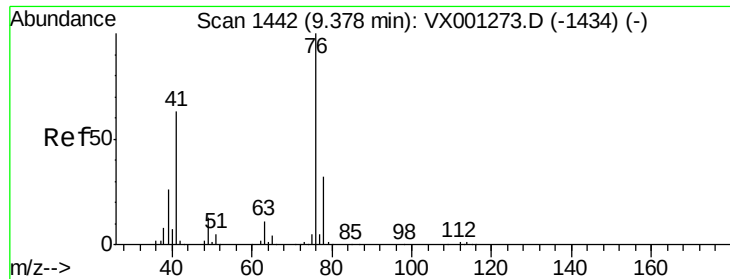
Tgt Ion:	97	Resp:	113359
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	52.0	41.6	62.4
99	61.6	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 48.47 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion:	69	Resp:	164604
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.2	85.8
39	42.9	34.3	51.5

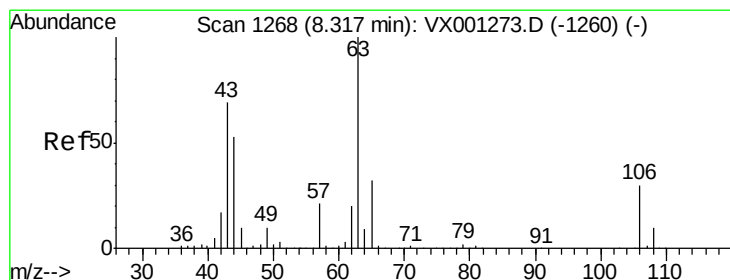
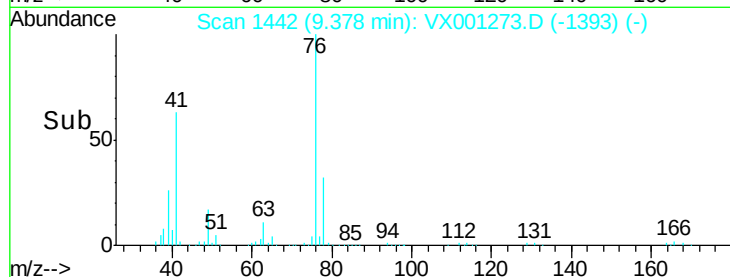
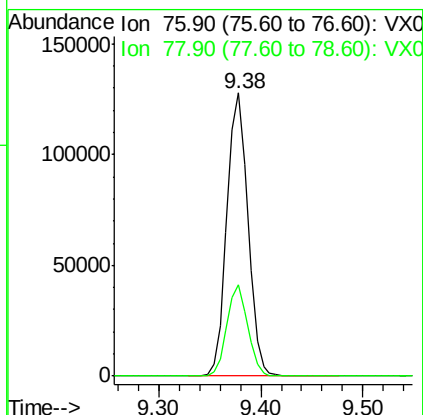
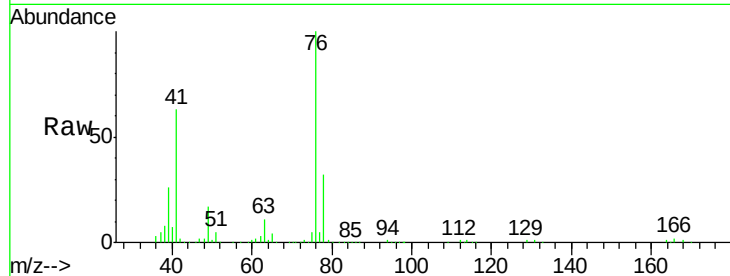




#57
 1,3-Dichloropropane
 Concen: 48.78 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

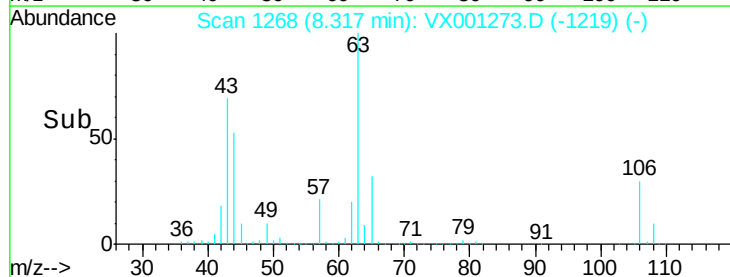
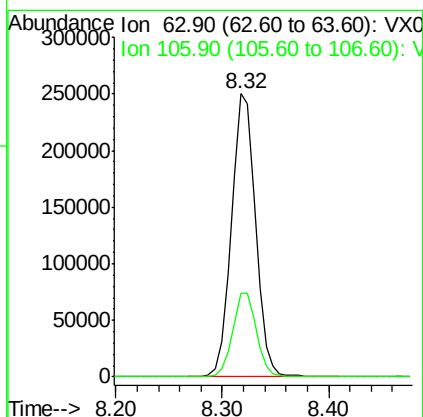
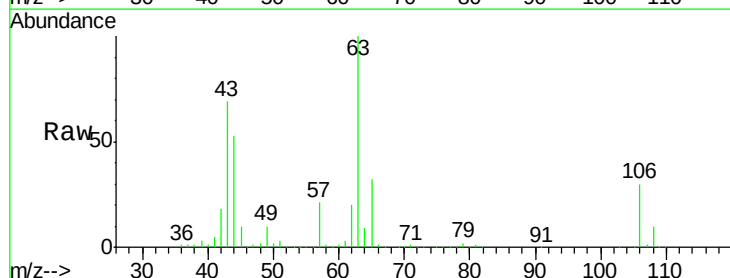
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

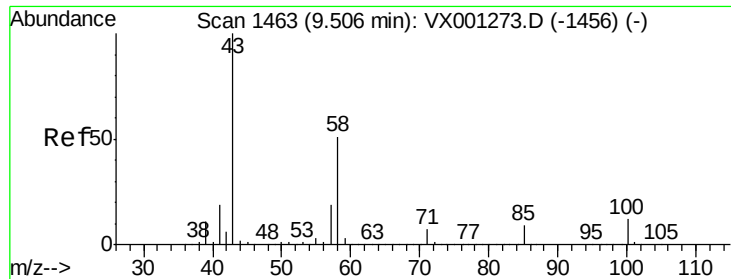
Tgt Ion: 76 Resp: 182466
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.65 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 63 Resp: 397099
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

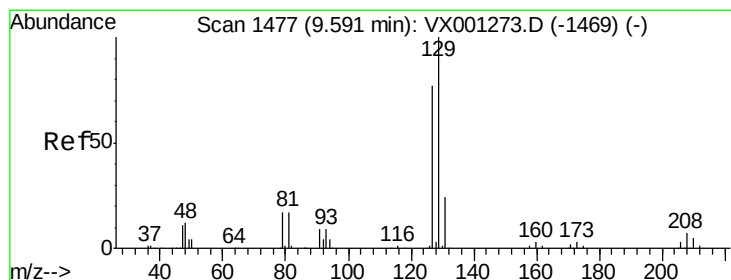
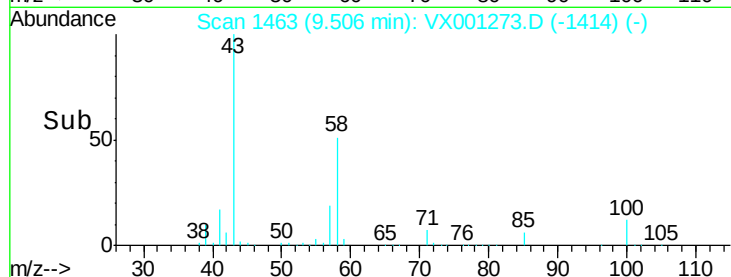
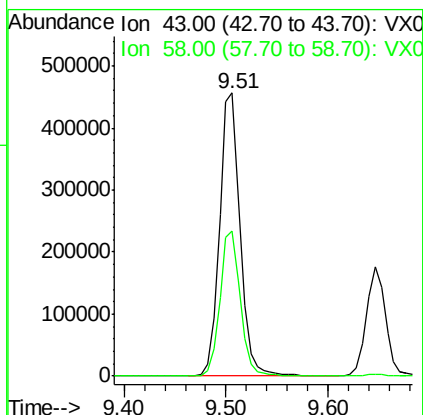
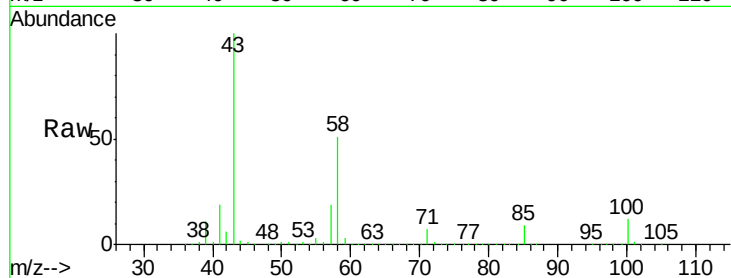




#59
2-Hexanone
Concen: 232.43 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

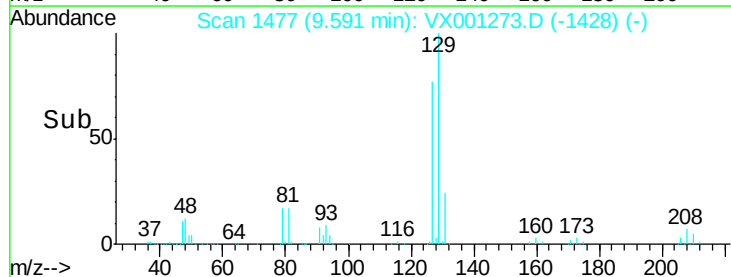
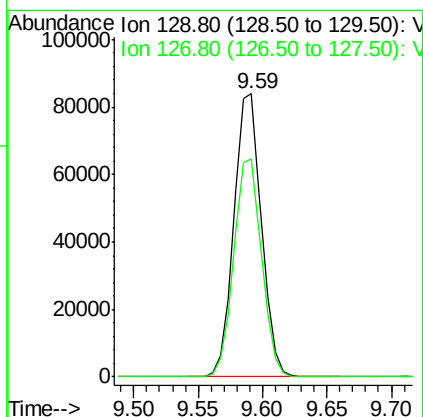
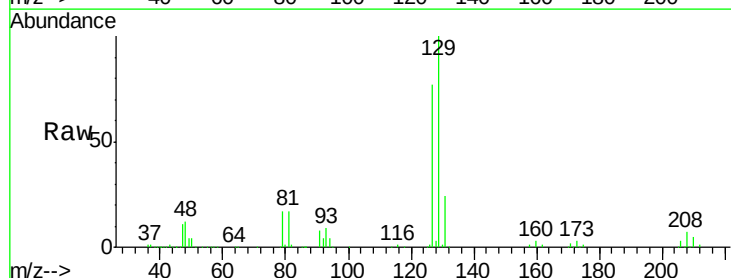
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

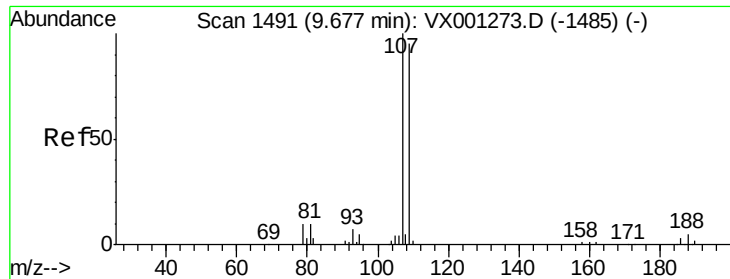
Tgt Ion: 43 Resp: 642449
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0



#60
Dibromochloromethane
Concen: 53.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 129 Resp: 124706
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





#61

1,2-Dibromoethane

Concen: 50.32 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

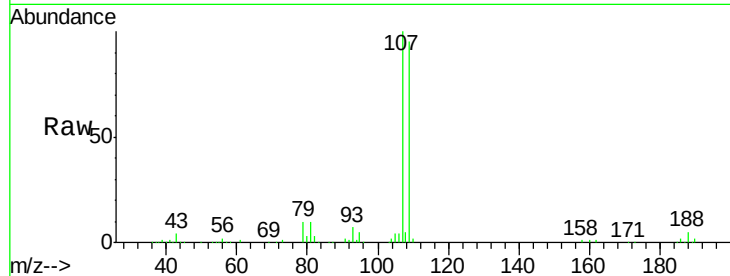
VSTDICCC050

Tgt Ion: 107 Resp: 121865

Ion Ratio Lower Upper

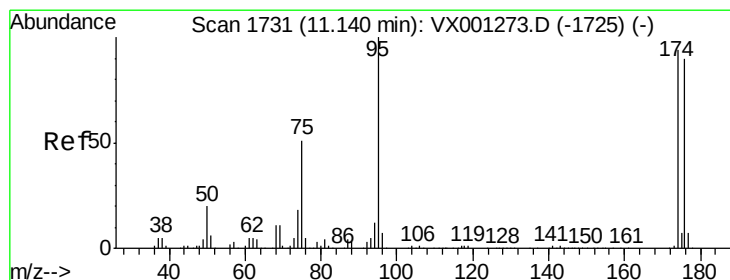
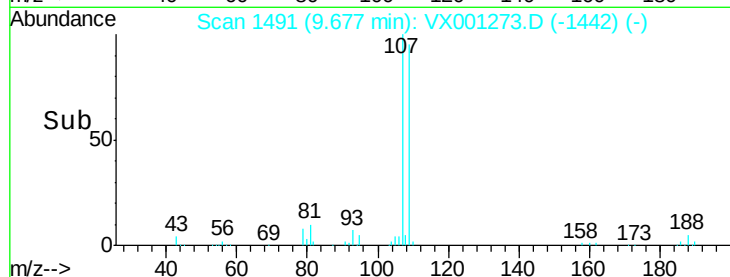
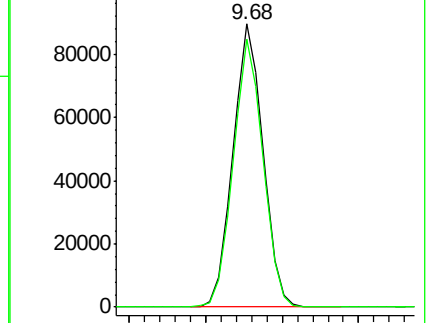
107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

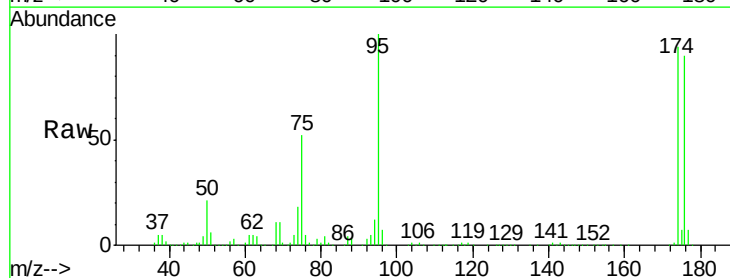
Tgt Ion: 95 Resp: 160729

Ion Ratio Lower Upper

95 100

174 100.9 0.0 201.8

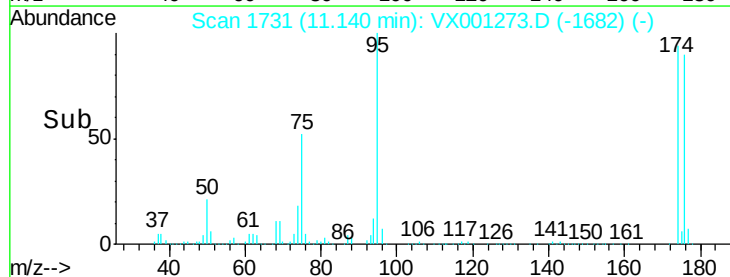
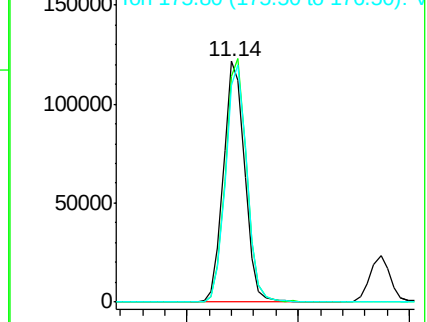
176 98.6 0.0 197.2

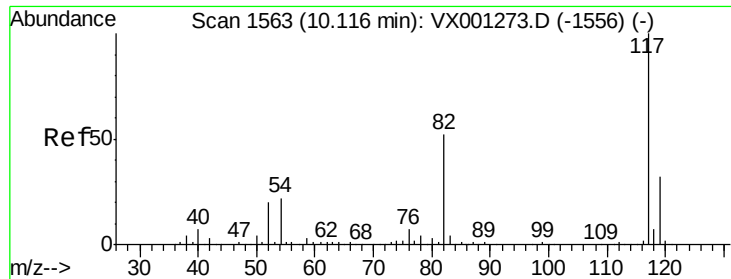


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

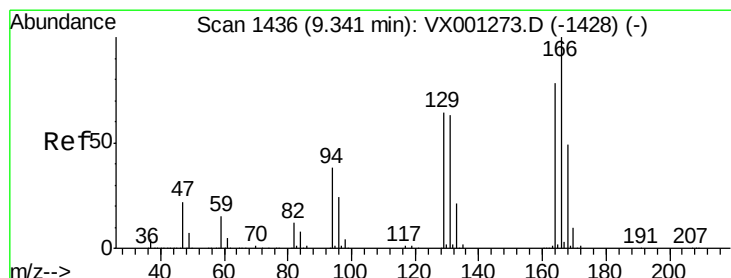
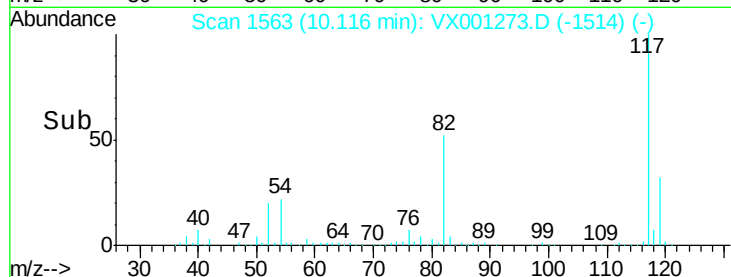
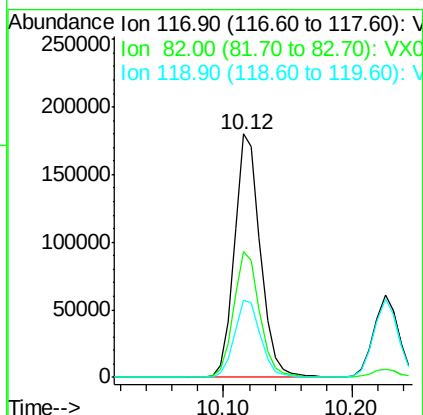
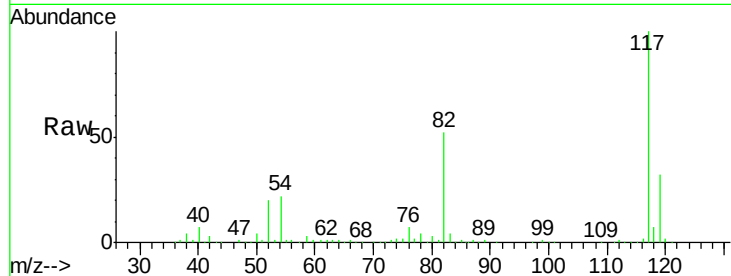




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

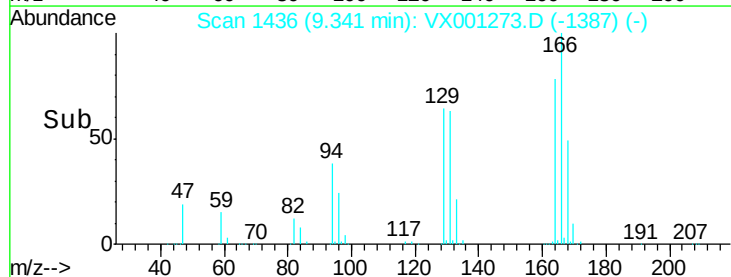
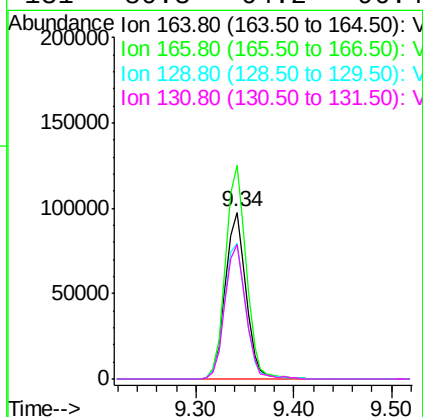
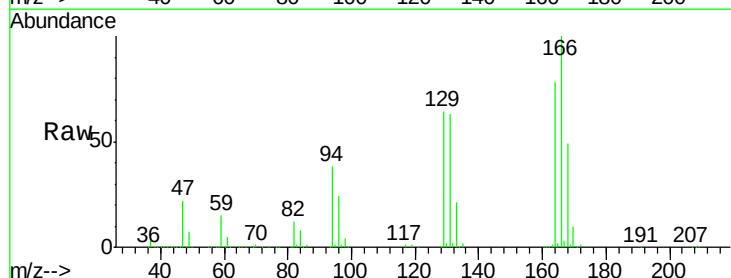
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

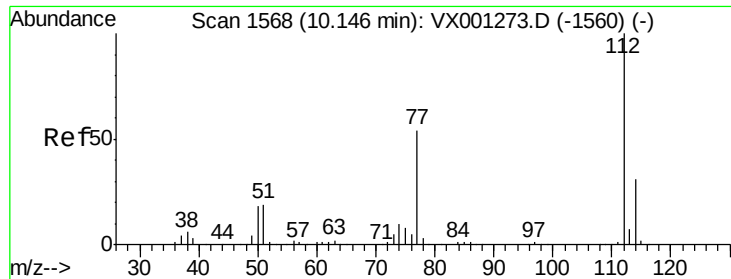
Tgt Ion:117 Resp: 252304
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 52.41 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion:164 Resp: 144415
Ion Ratio Lower Upper
164 100
166 127.9 102.3 153.5
129 81.4 65.1 97.7
131 80.3 64.2 96.4

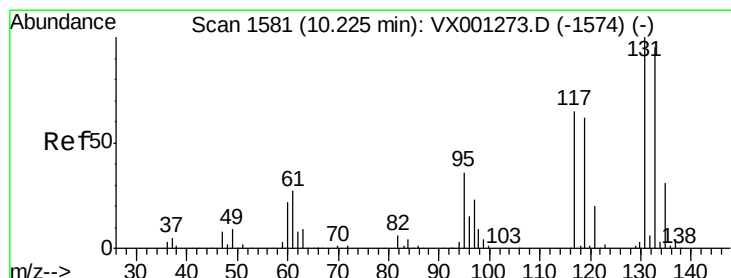
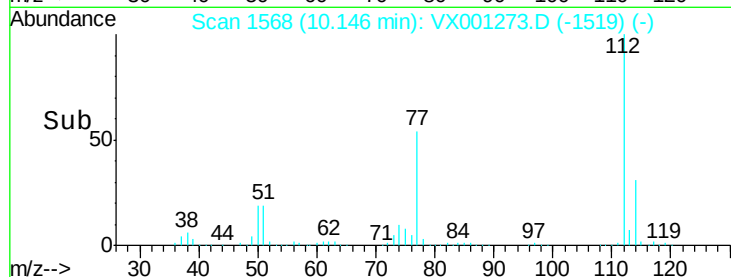
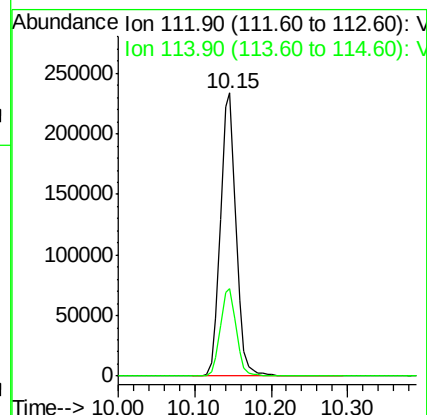
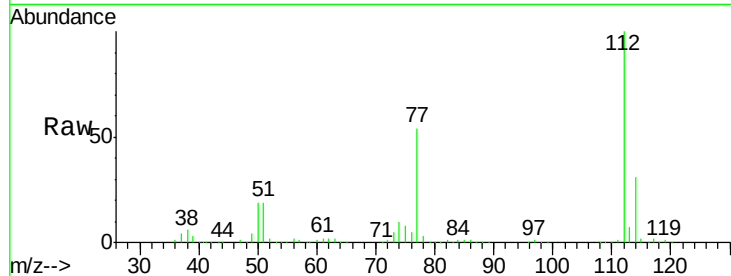




#65
Chlorobenzene
Concen: 49.52 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

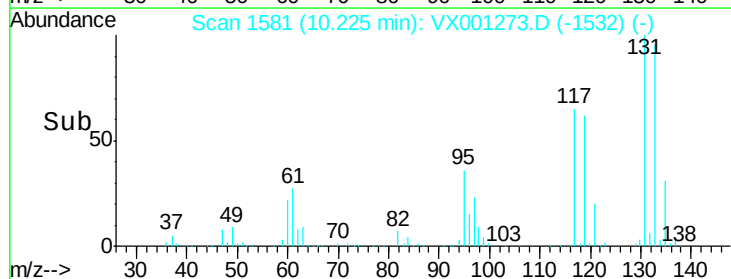
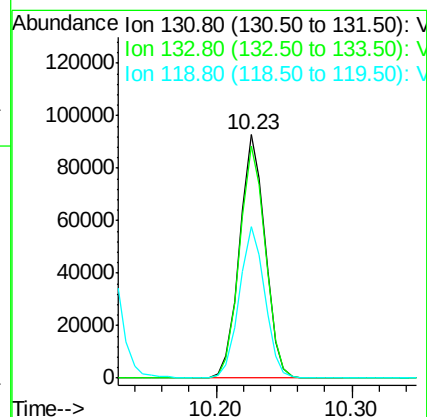
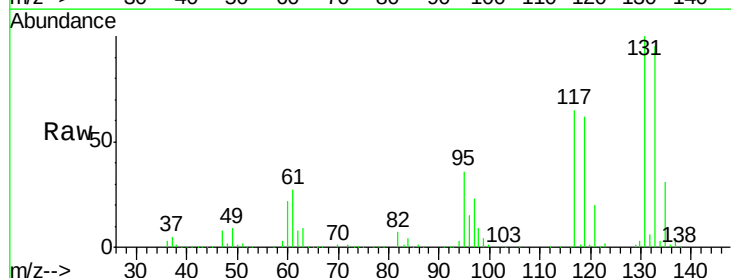
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

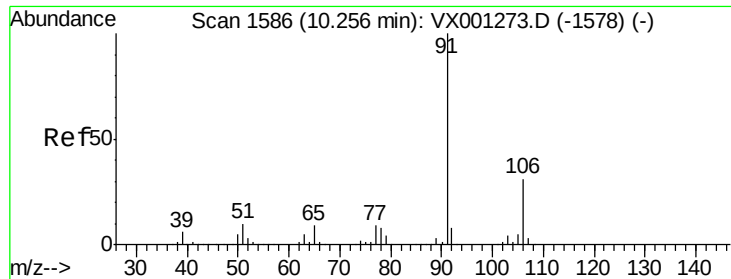
Tgt Ion:112 Resp: 328818
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.80 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion:131 Resp: 121290
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 62.4 31.2 93.6

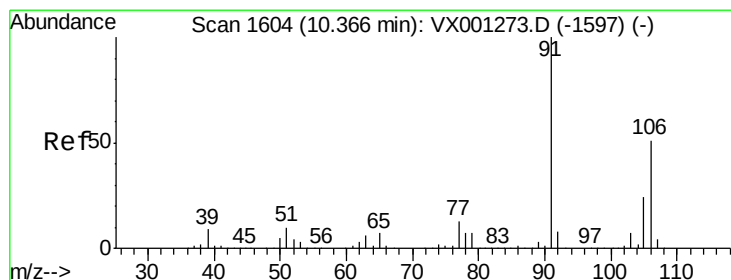
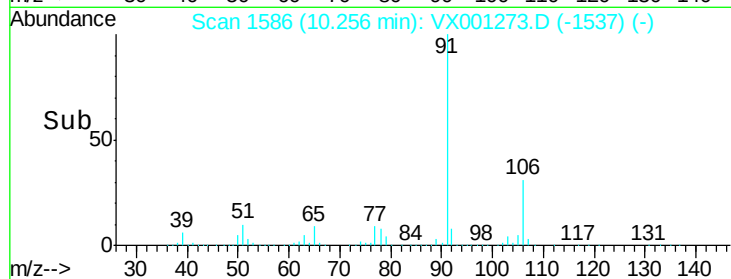
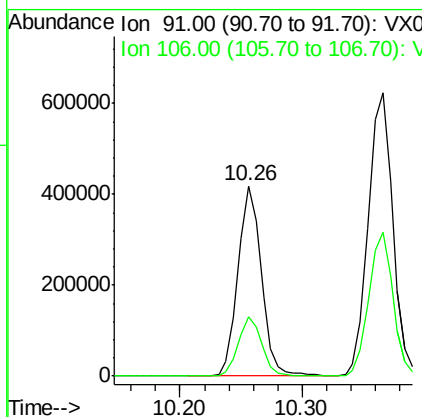
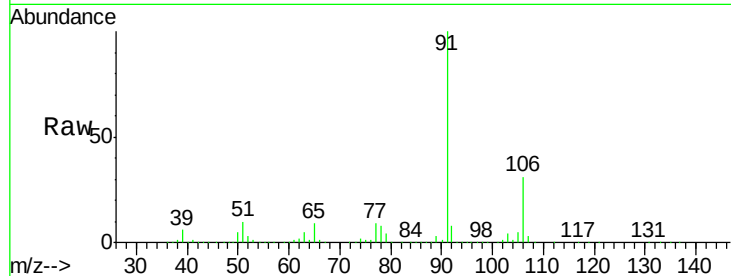




#67
Ethyl Benzene
Concen: 51.13 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

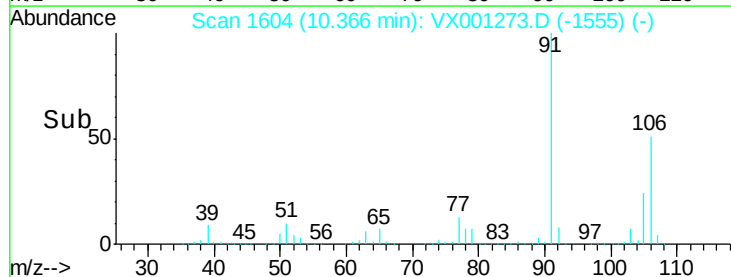
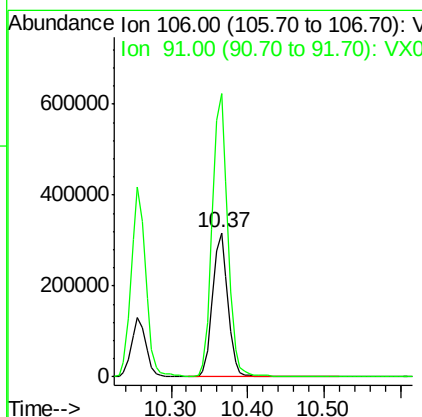
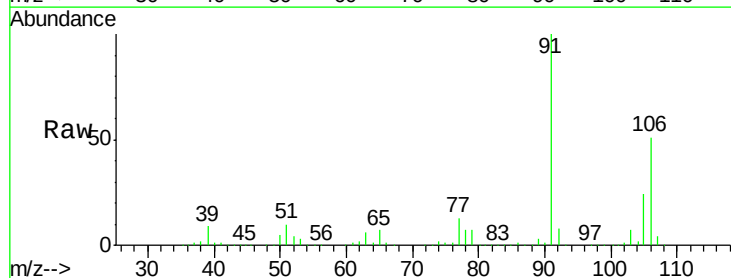
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

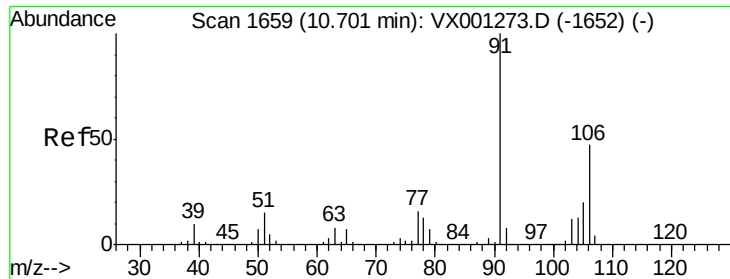
Tgt Ion: 91 Resp: 554630
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 102.88 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 106 Resp: 441315
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2

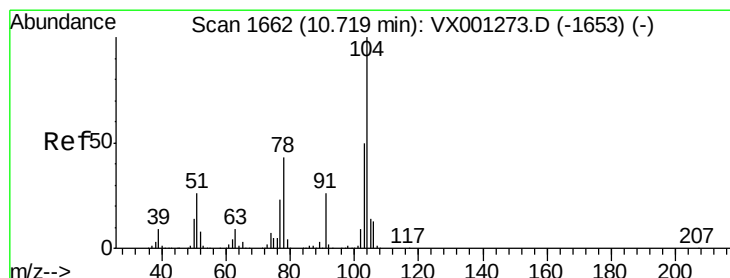
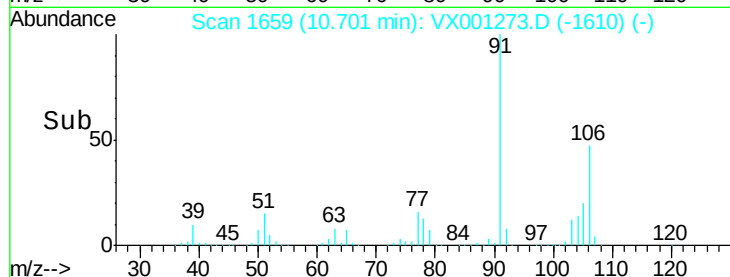
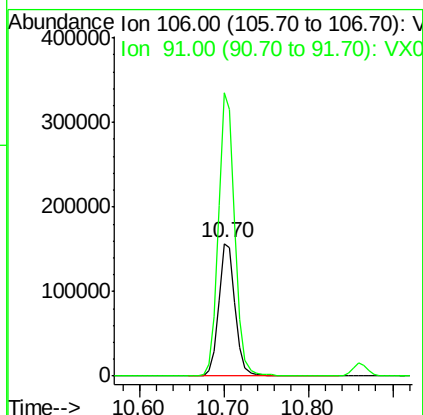
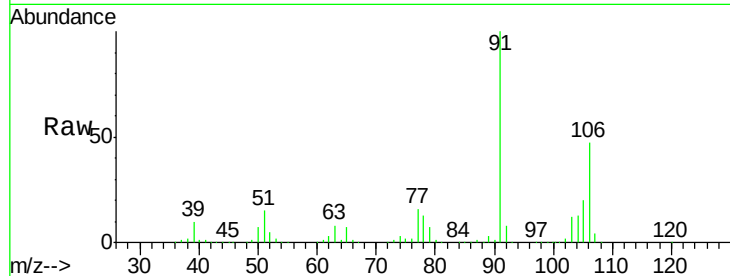




#69
o-Xylene
Concen: 51.05 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

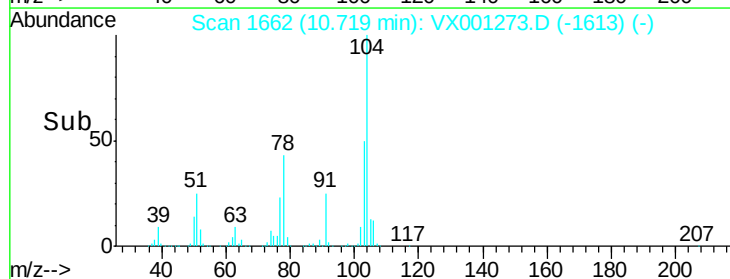
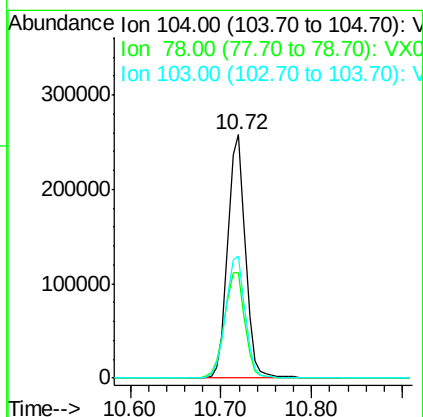
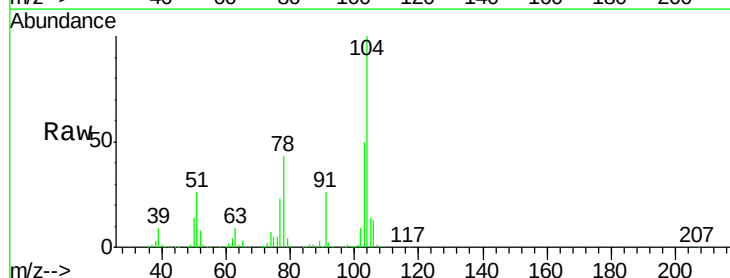
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

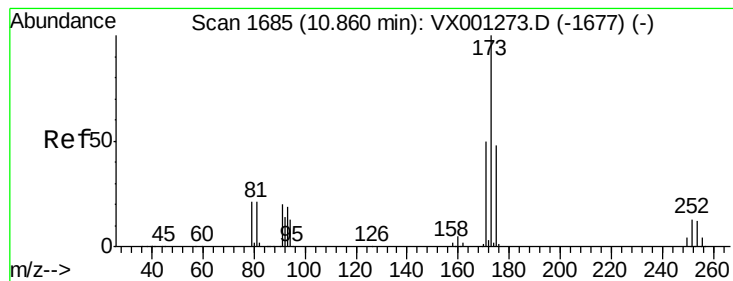
Tgt Ion:106 Resp: 211513
Ion Ratio Lower Upper
106 100
91 212.7 106.3 319.0



#70
Styrene
Concen: 50.90 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion:104 Resp: 350405
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 55.6 44.5 66.7





#71

Bromoform

Concen: 52.38 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

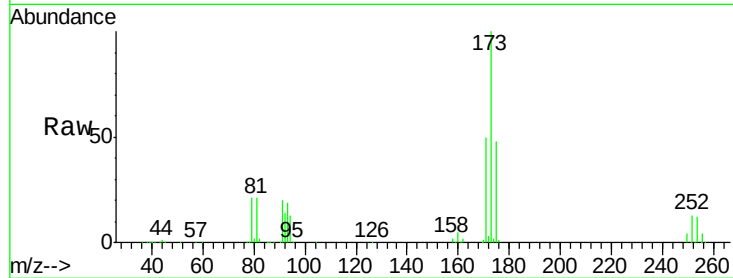
Tgt Ion:173 Resp: 104435

Ion Ratio Lower Upper

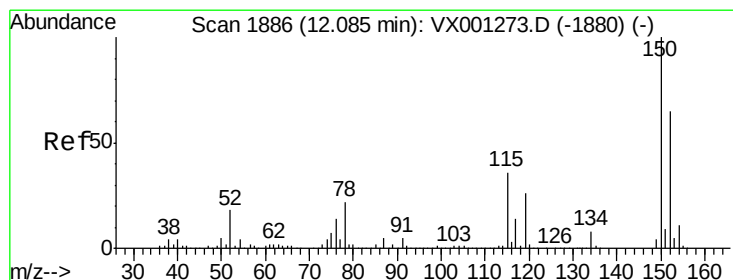
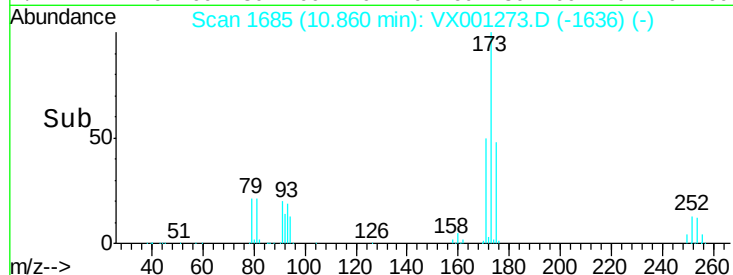
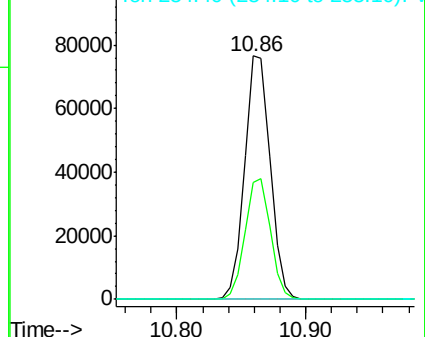
173 100

175 49.3 24.6 74.0

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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

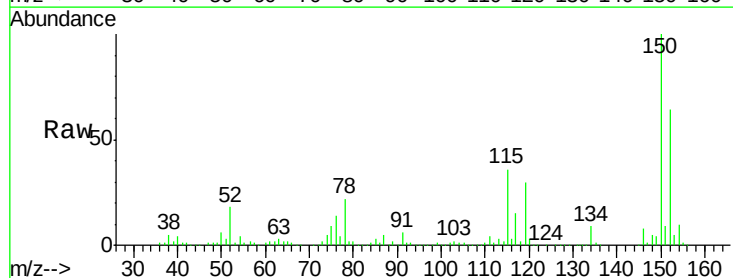
Tgt Ion:152 Resp: 178412

Ion Ratio Lower Upper

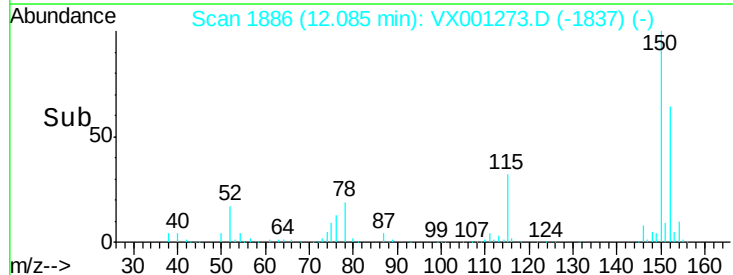
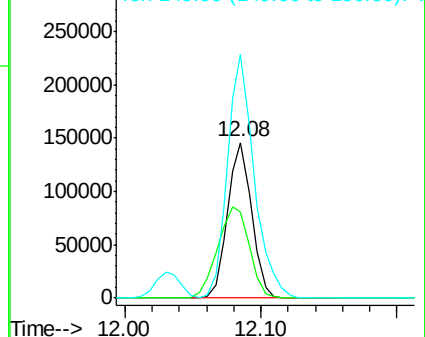
152 100

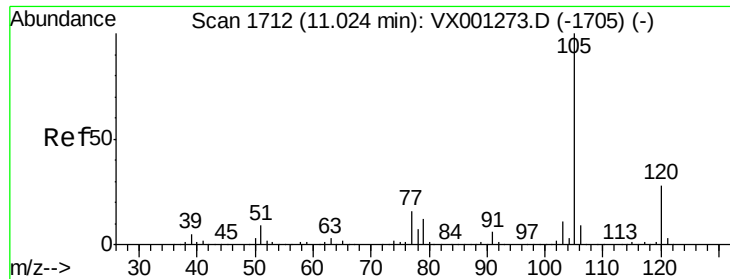
115 77.1 38.6 115.7

150 174.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 49.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampled :

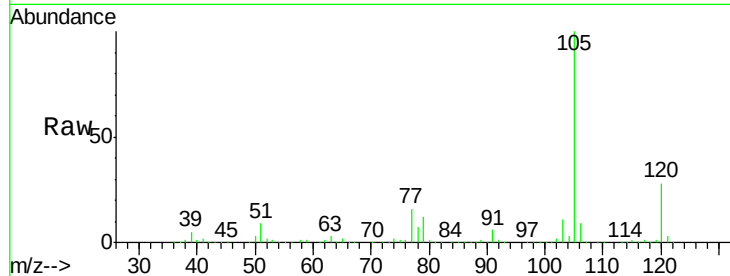
VSTDICCC050

Tgt Ion: 105 Resp: 573991

Ion Ratio Lower Upper

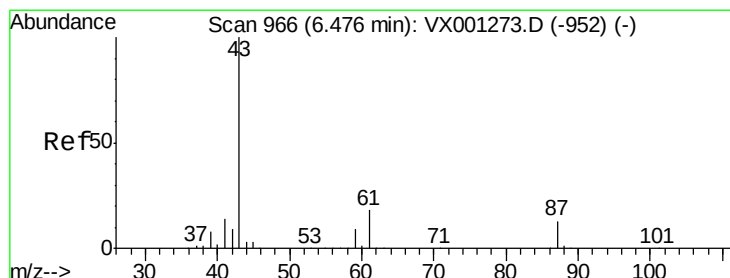
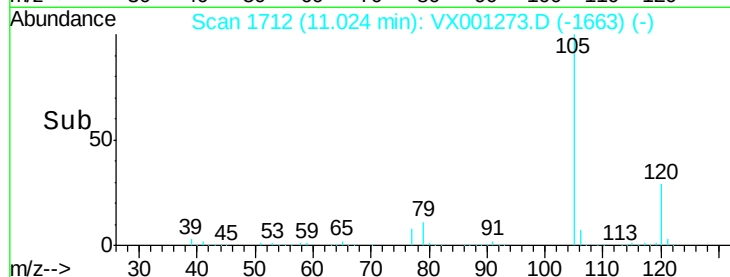
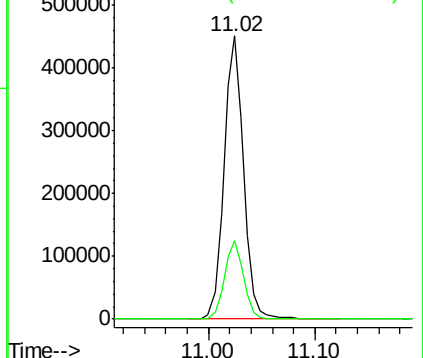
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.37 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Tgt Ion: 43 Resp: 249497

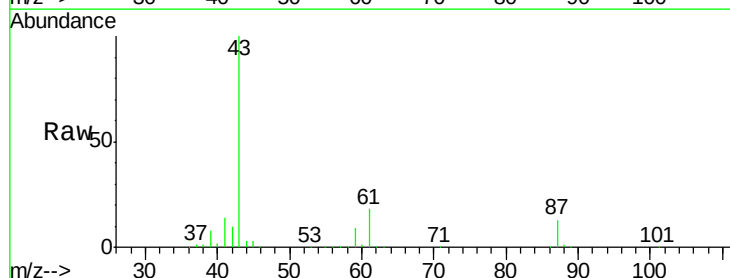
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.7 15.0 22.4

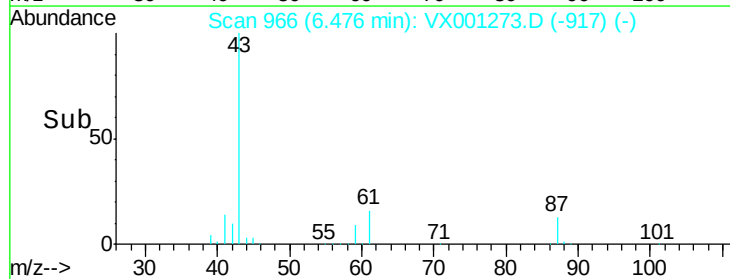
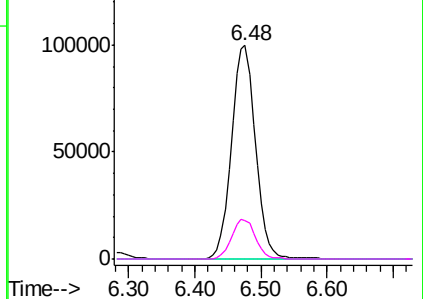


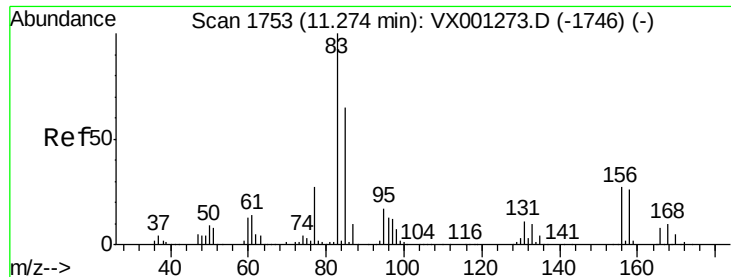
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

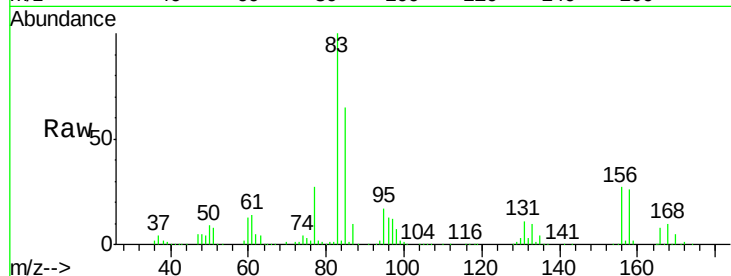
Tgt Ion: 83 Resp: 172311

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

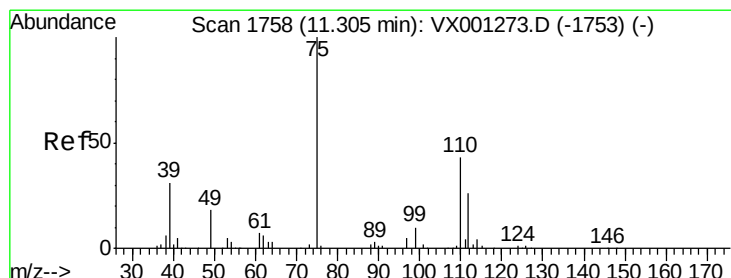
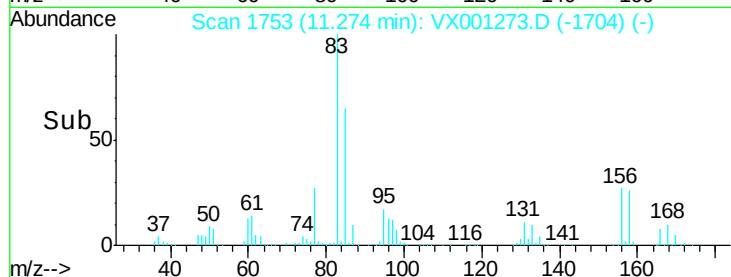
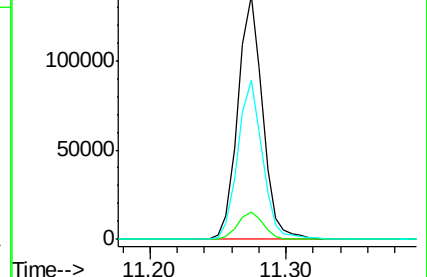
85 65.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.11 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001273.D

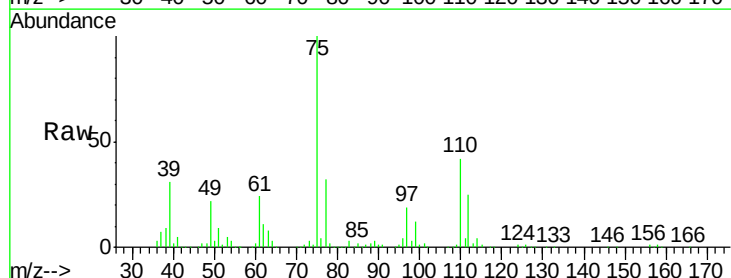
Acq: 01 May 2018 12:21

Tgt Ion: 75 Resp: 193545

Ion Ratio Lower Upper

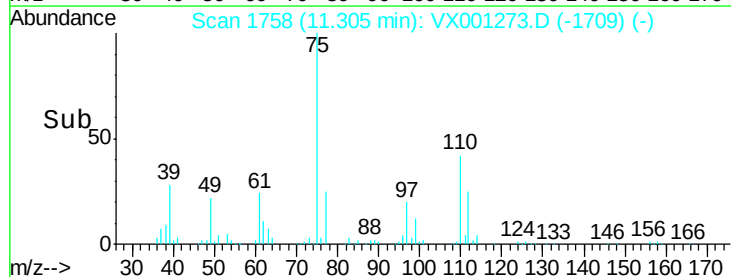
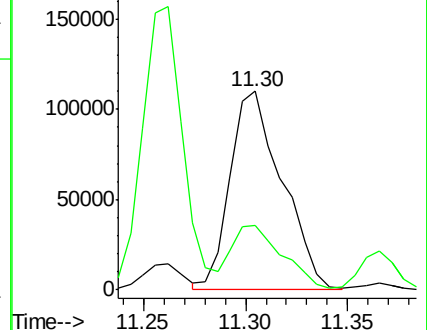
75 100

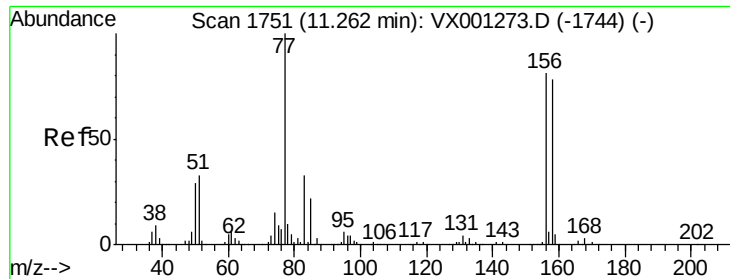
77 31.5 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.97 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

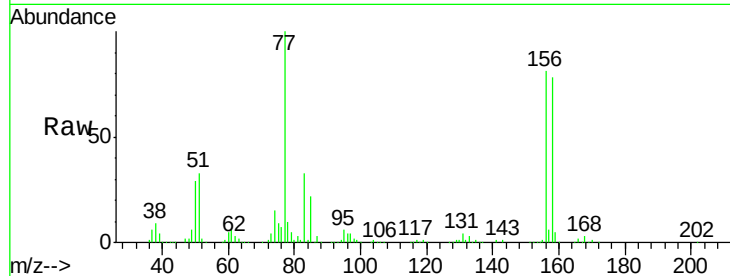
Tgt Ion:156 Resp: 165727

Ion Ratio Lower Upper

156 100

77 130.5 65.3 195.8

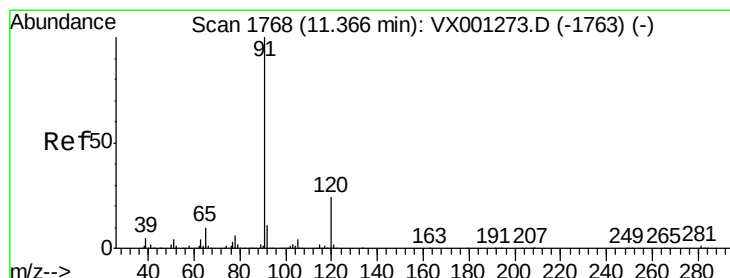
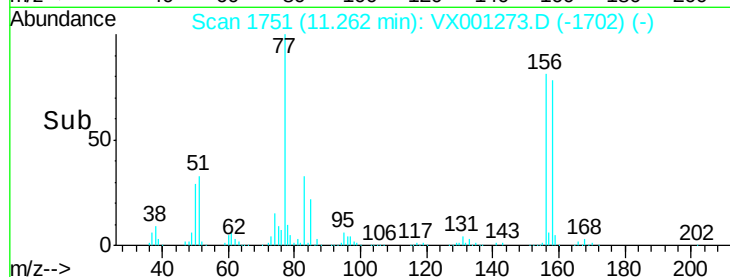
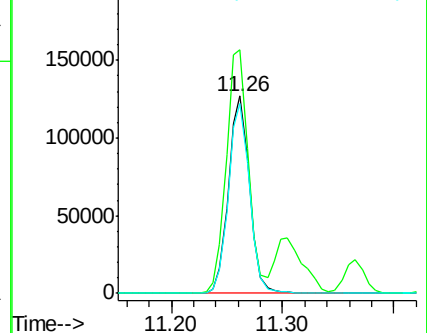
158 97.0 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.83 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001273.D

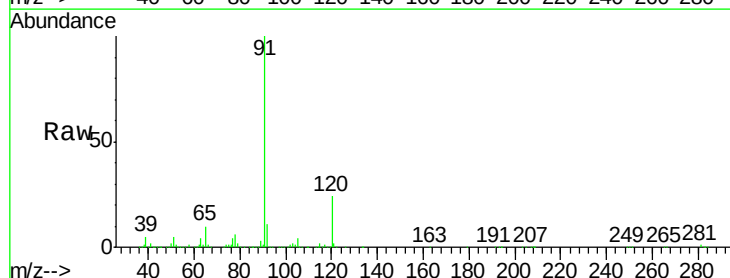
Acq: 01 May 2018 12:21

Tgt Ion: 91 Resp: 649108

Ion Ratio Lower Upper

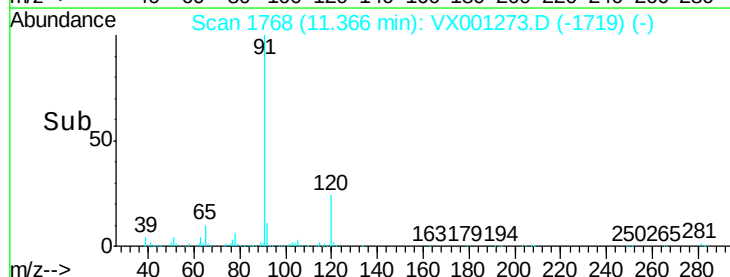
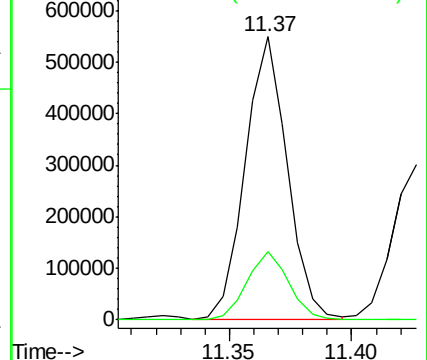
91 100

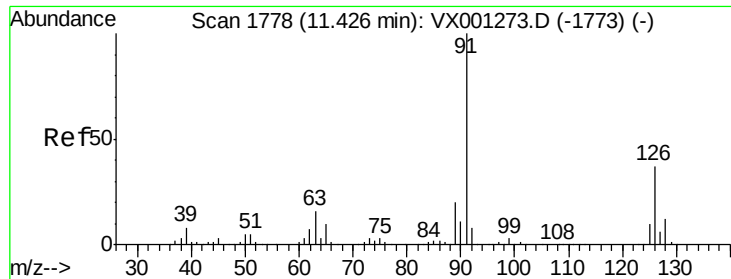
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.03 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

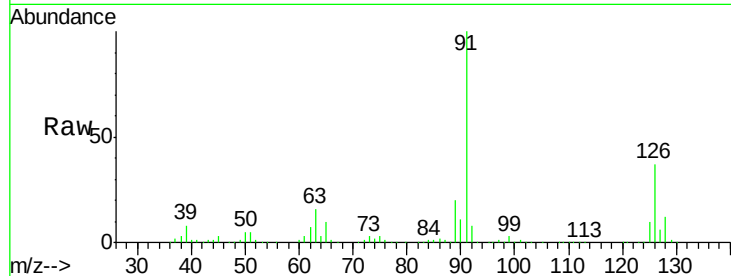
VSTDICCC050

Tgt Ion: 91 Resp: 386774

Ion Ratio Lower Upper

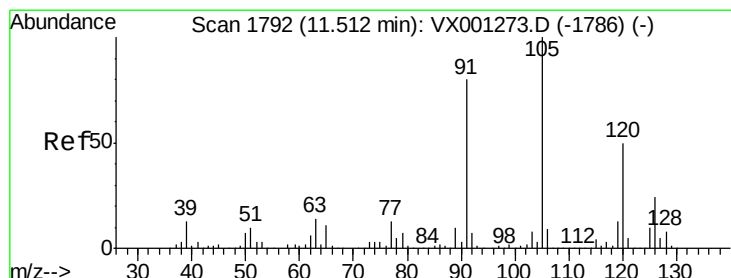
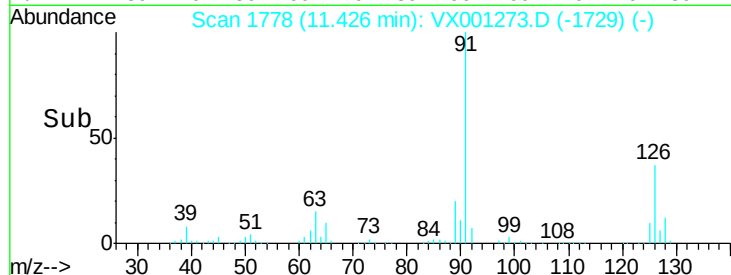
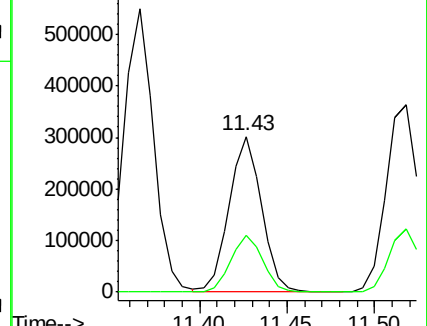
91 100

126 36.9 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001273.D

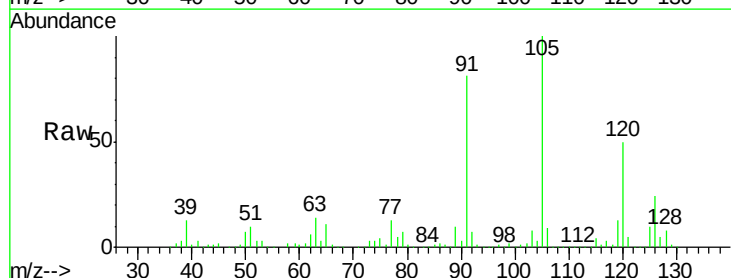
Acq: 01 May 2018 12:21

Tgt Ion: 105 Resp: 499309

Ion Ratio Lower Upper

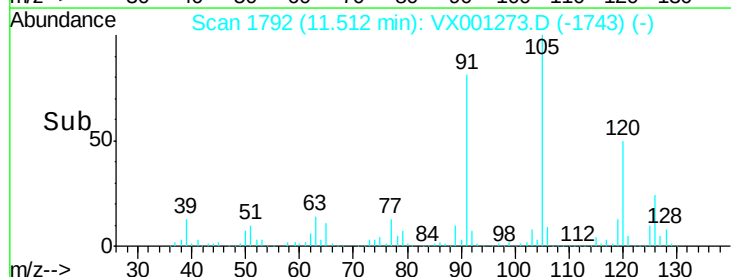
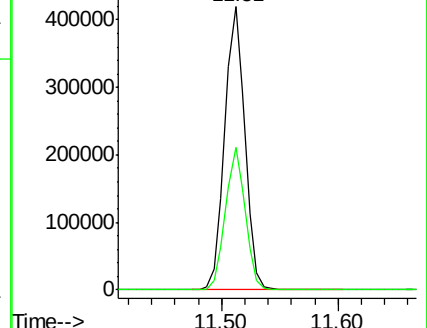
105 100

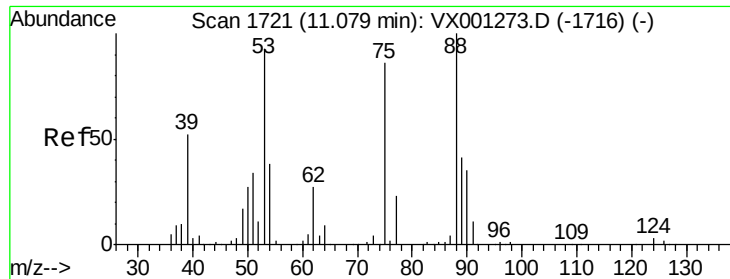
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.47 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

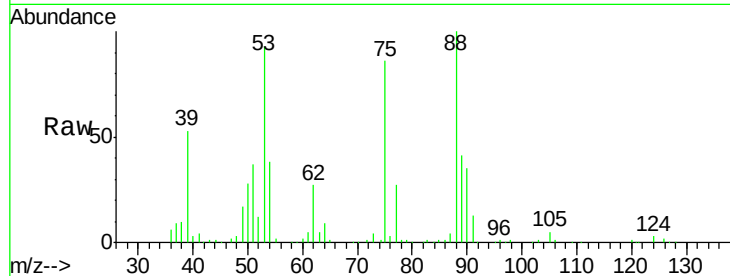
Tgt Ion: 75 Resp: 45477

Ion Ratio Lower Upper

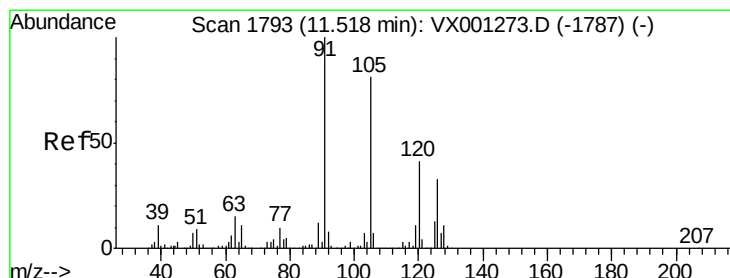
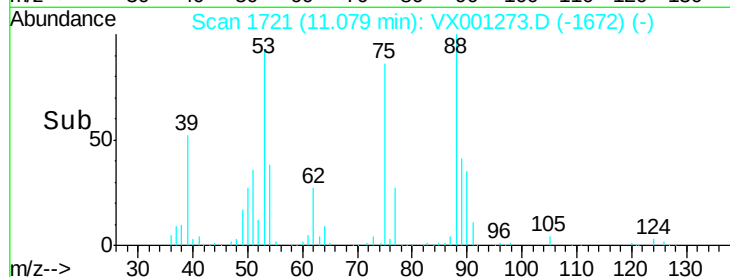
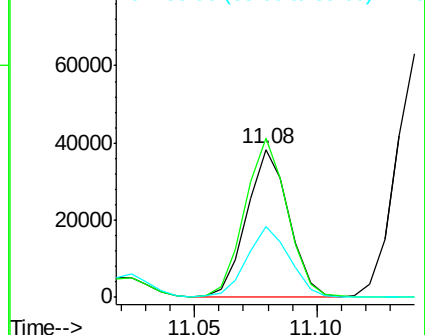
75 100

53 108.9 87.1 130.7

89 48.6 38.9 58.3



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



#82

4-Chlorotoluene

Concen: 48.80 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001273.D

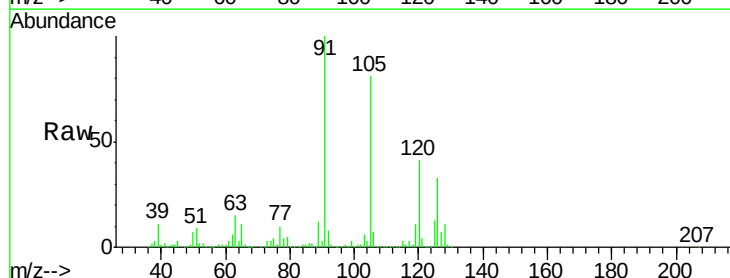
Acq: 01 May 2018 12:21

Tgt Ion: 91 Resp: 467828

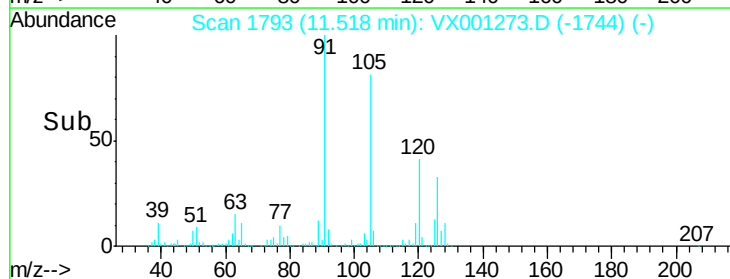
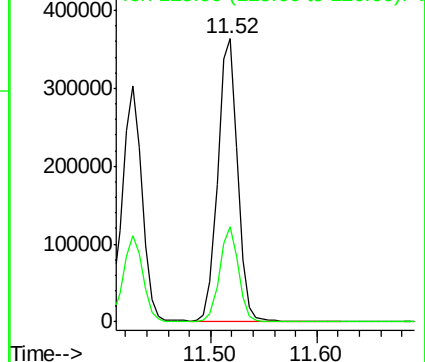
Ion Ratio Lower Upper

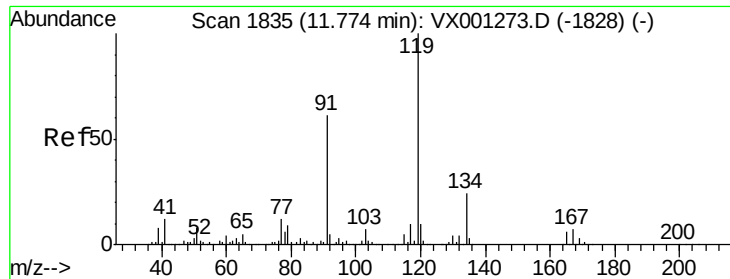
91 100

126 32.1 16.1 48.2



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

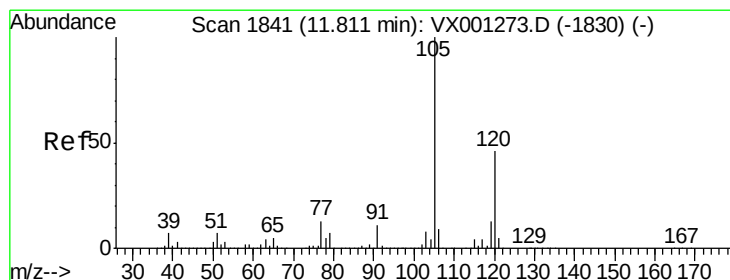
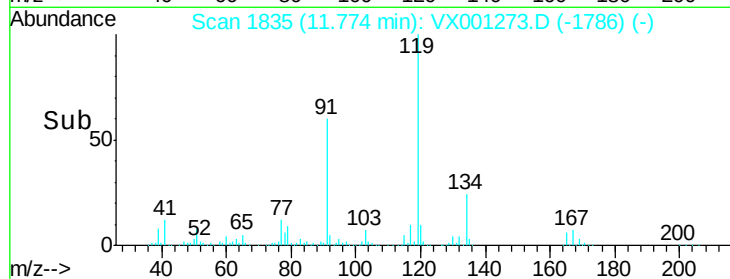
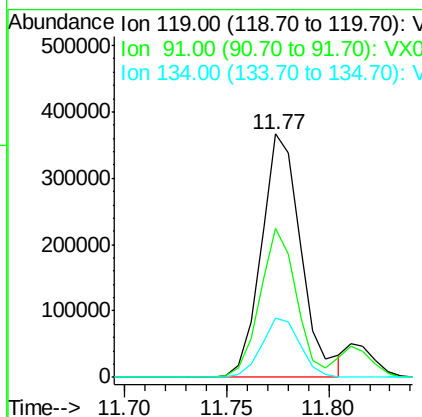
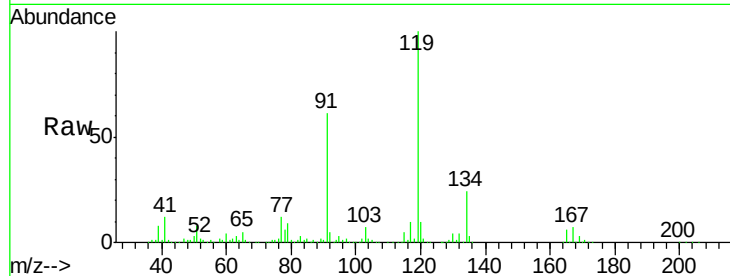




#83
 tert-Butylbenzene
 Concen: 50.48 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

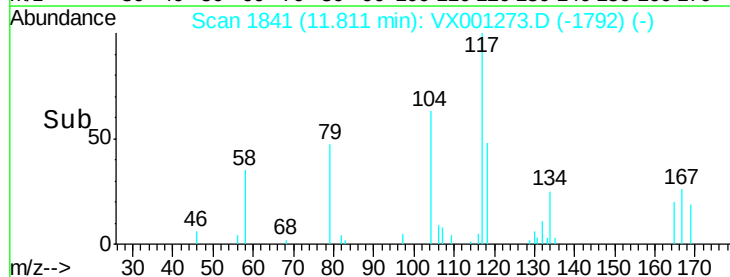
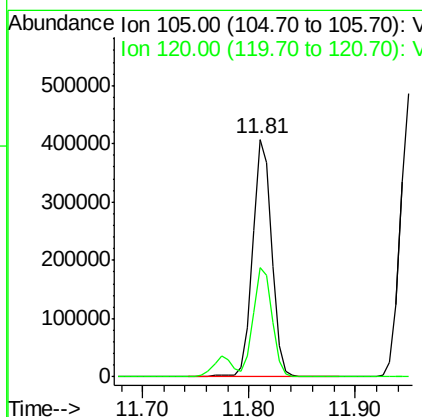
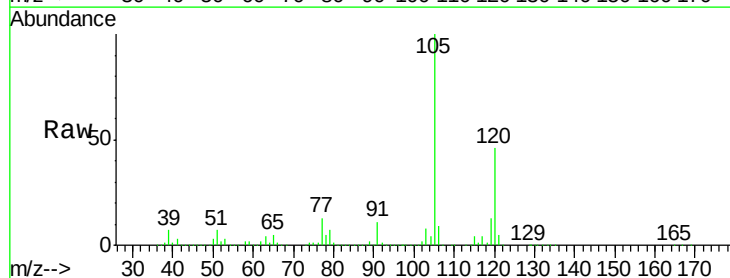
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

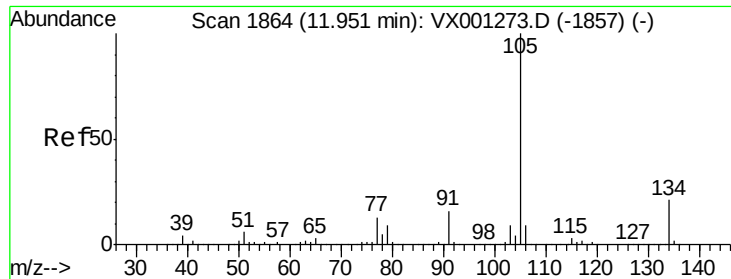
Tgt Ion:119 Resp: 498305
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.1 84.3
 134 23.5 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 50.36 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion:105 Resp: 511638
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

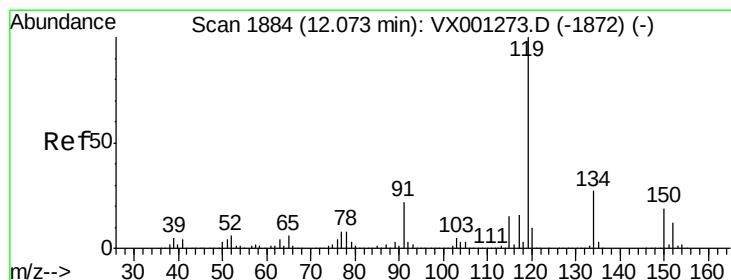
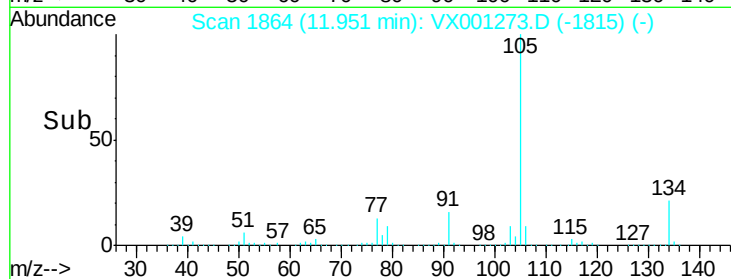
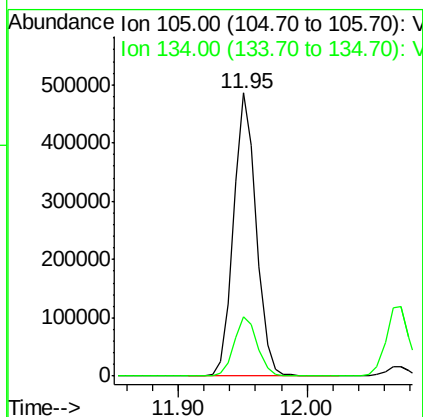
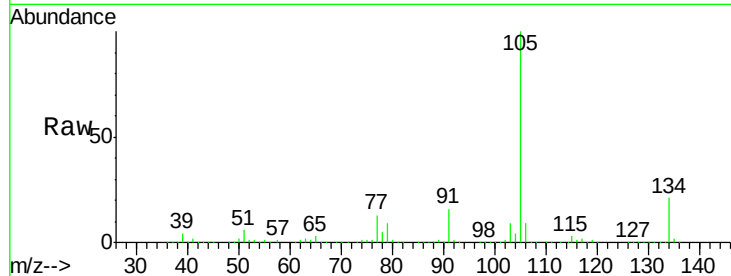




#85
 sec-Butylbenzene
 Concen: 51.26 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

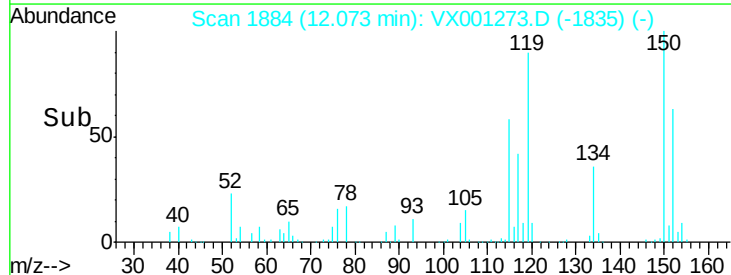
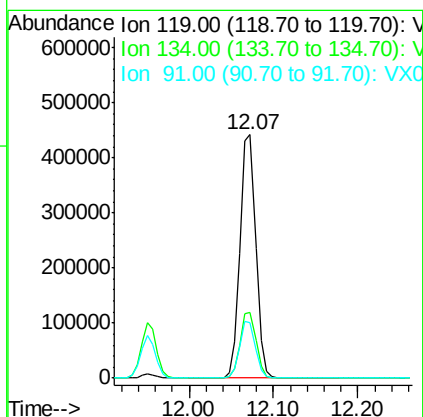
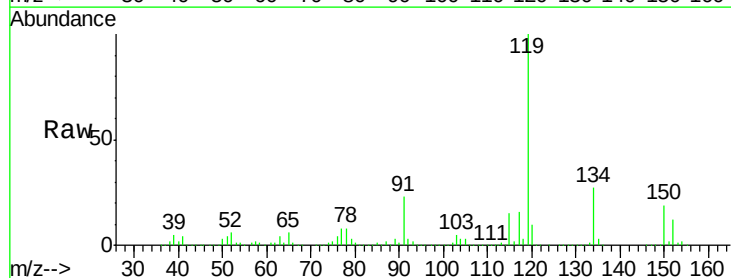
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

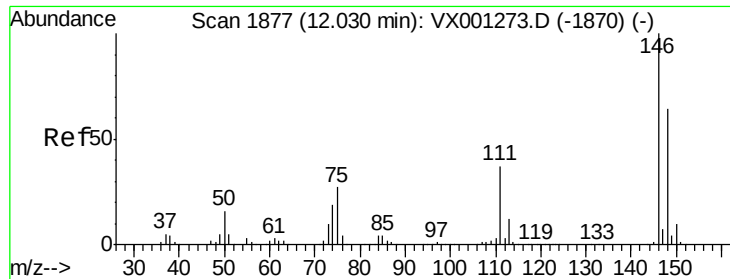
Tgt Ion:105 Resp: 595063
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 50.97 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion:119 Resp: 549038
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 23.4 11.7 35.1

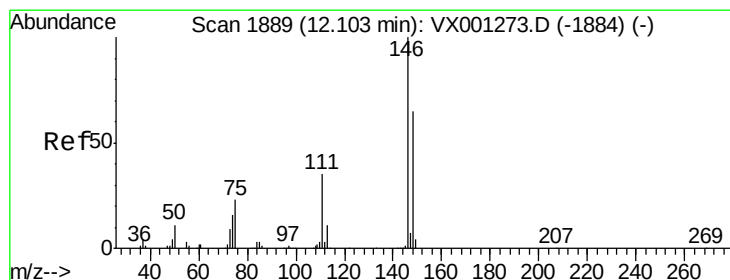
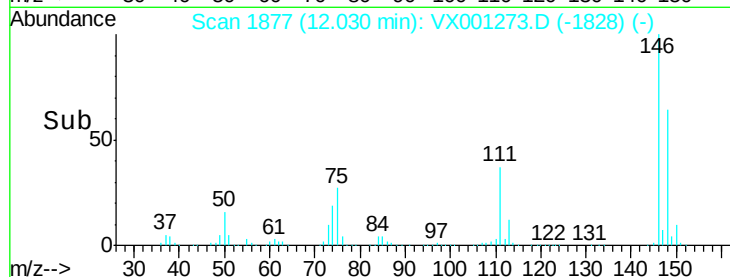
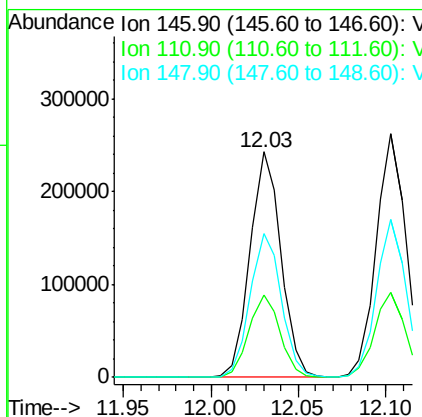
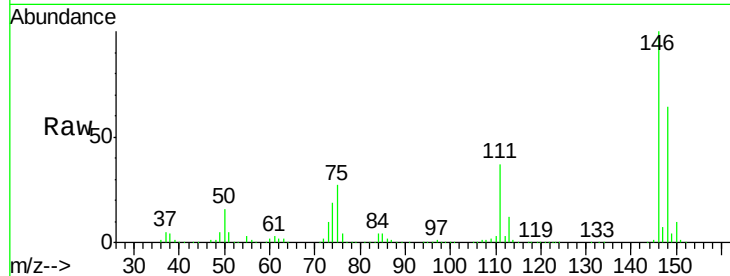




#87
 1,3-Dichlorobenzene
 Concen: 48.33 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

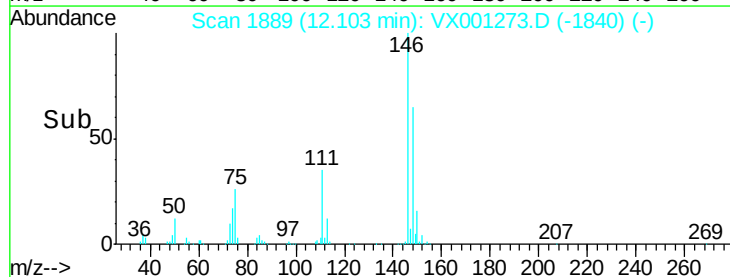
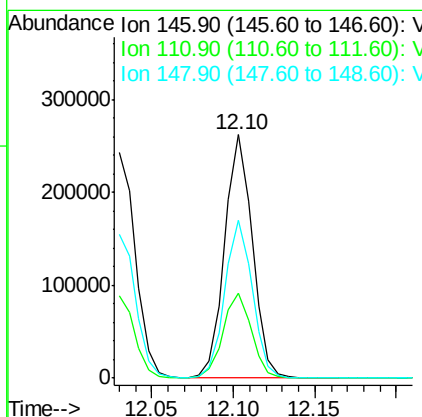
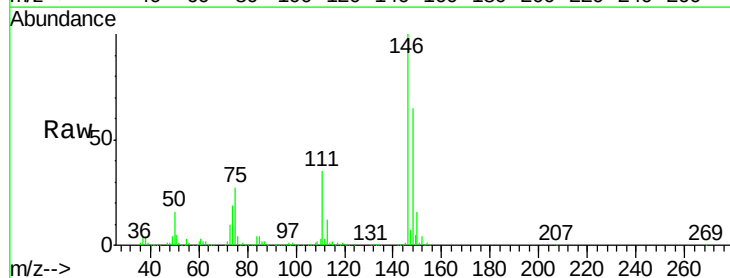
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

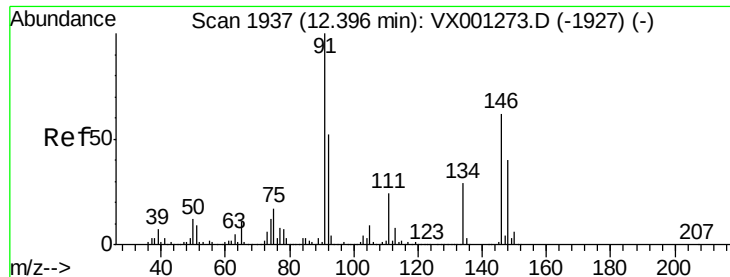
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	64.4	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 47.95 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.7
148	64.5	32.3	96.8

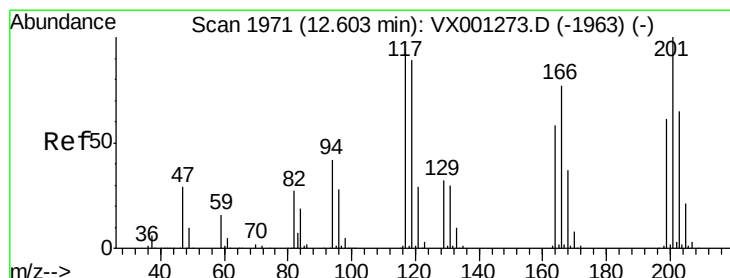
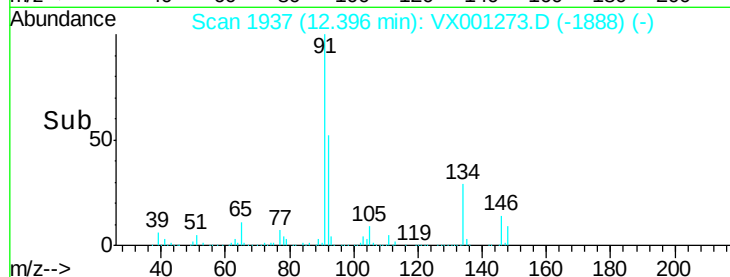
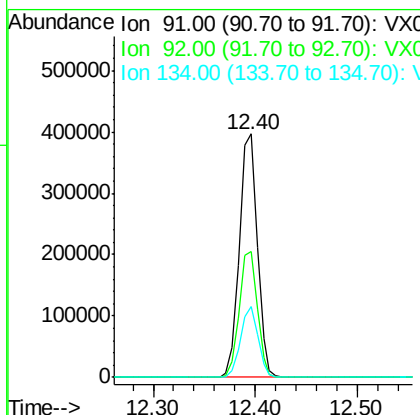
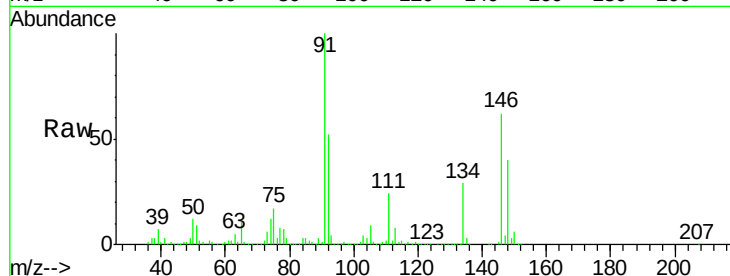




#89
n-Butylbenzene
Concen: 51.10 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

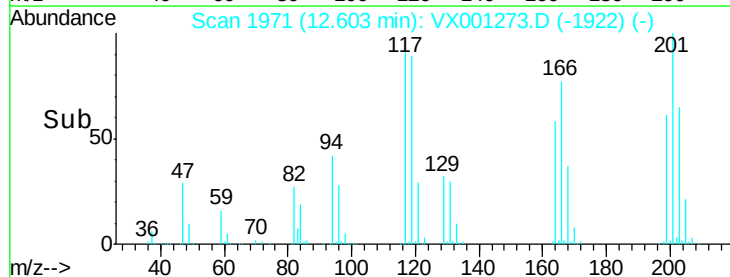
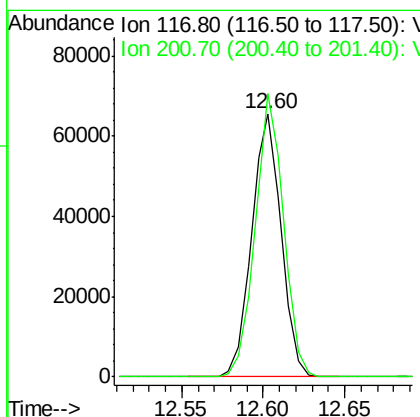
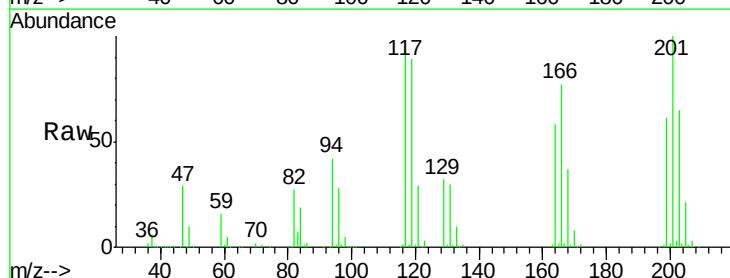
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

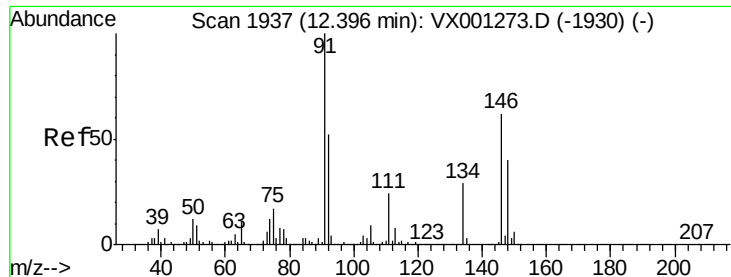
Tgt Ion: 91 Resp: 477101
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 28.0 14.0 42.0



#90
Hexachloroethane
Concen: 53.71 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001273.D
Acq: 01 May 2018 12:21

Tgt Ion: 117 Resp: 82172
Ion Ratio Lower Upper
117 100
201 103.2 51.6 154.8

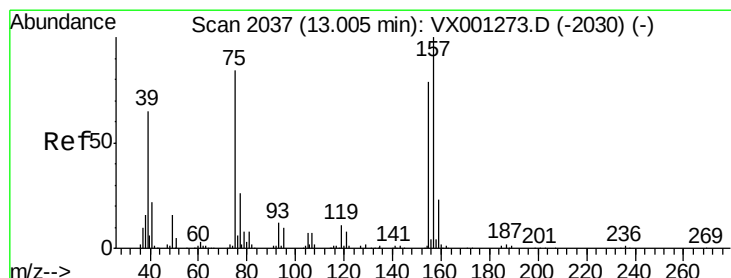
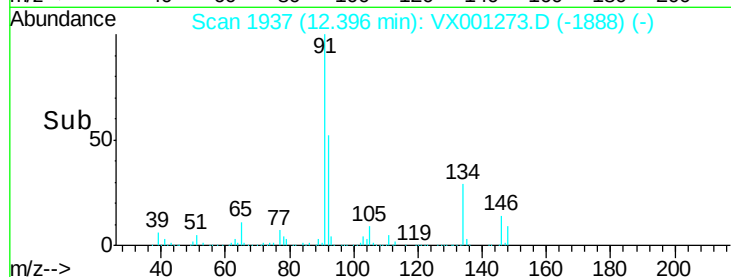
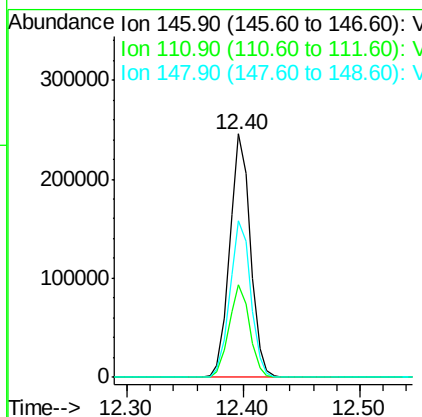
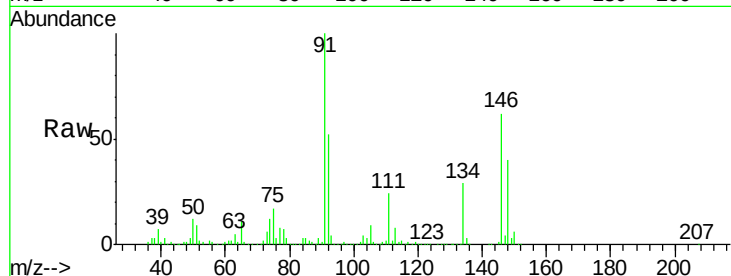




#91
 1,2-Dichlorobenzene
 Concen: 48.42 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

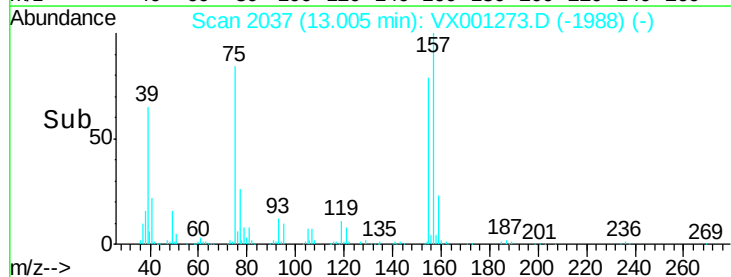
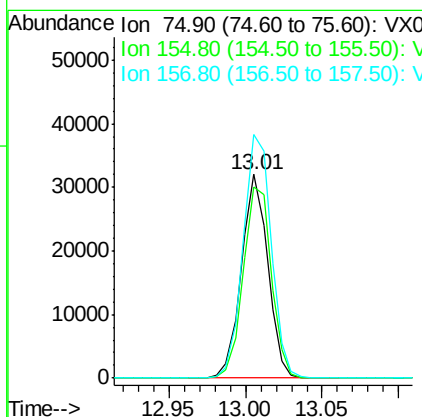
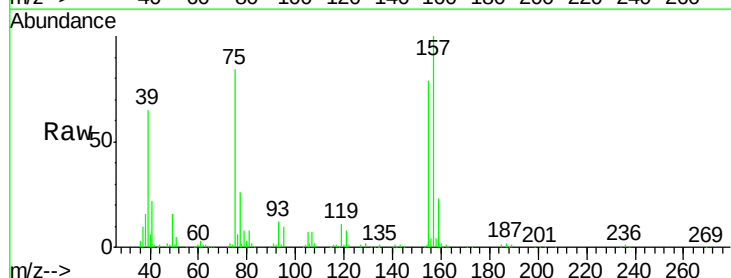
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

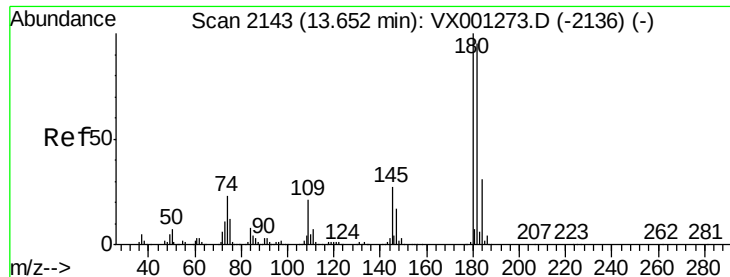
Tgt Ion:146 Resp: 303697
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion: 75 Resp: 38321
 Ion Ratio Lower Upper
 75 100
 155 99.8 49.9 149.7
 157 127.4 63.7 191.1

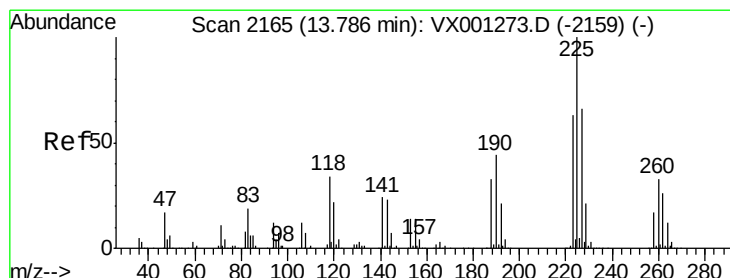
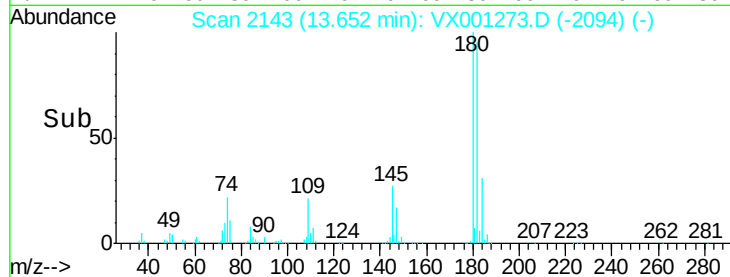
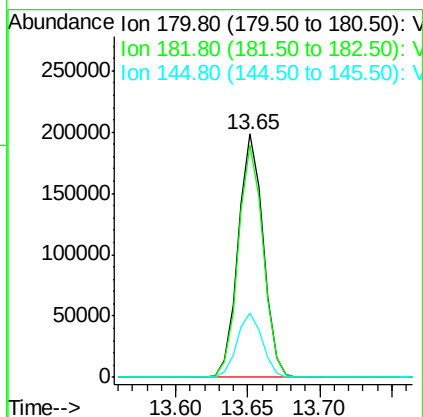
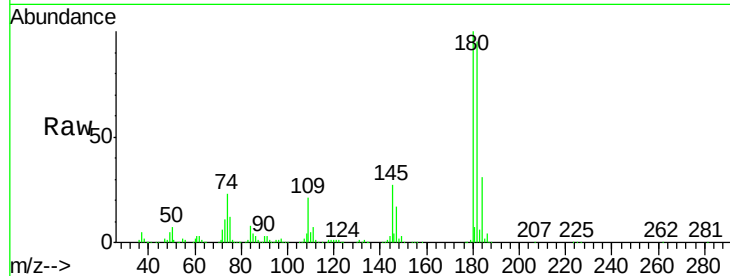




#93
 1,2,4-Trichlorobenzene
 Concen: 48.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

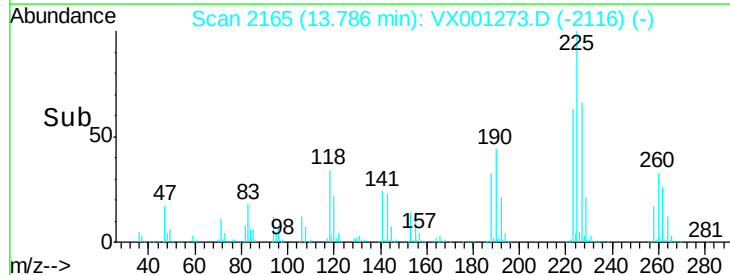
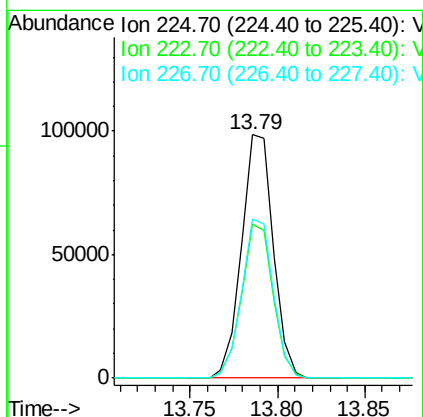
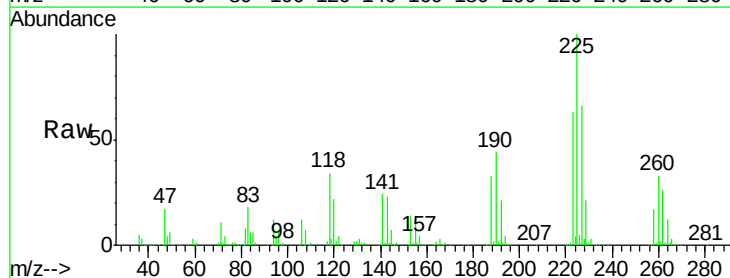
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

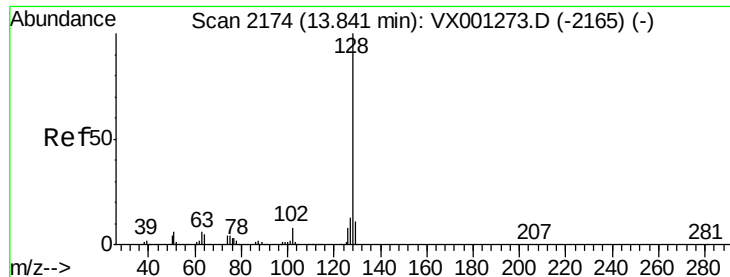
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	26.9	13.5	40.4



#94
 Hexachlorobutadiene
 Concen: 52.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001273.D
 Acq: 01 May 2018 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	65.0	32.5	97.5





#95

Naphthalene

Concen: 47.68 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

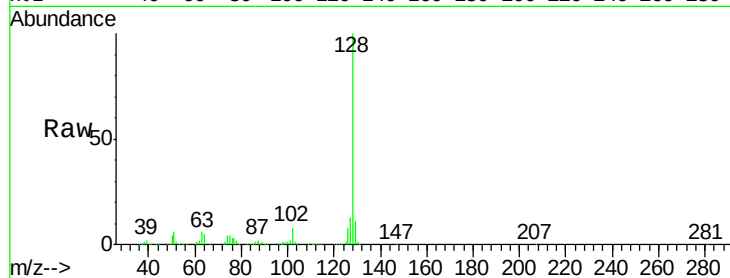
Tgt Ion:128 Resp: 647695

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

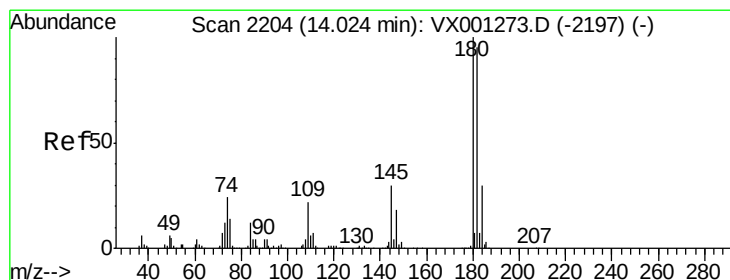
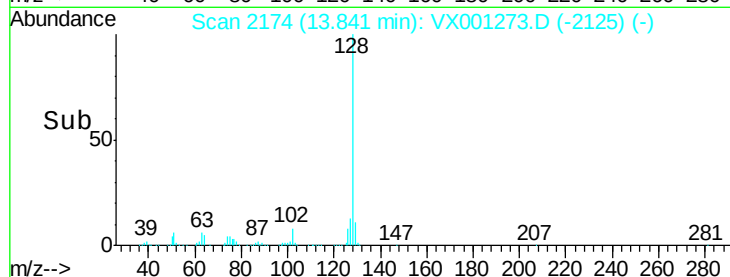
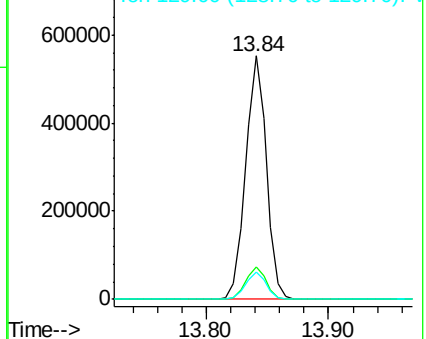
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.75 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001273.D

Acq: 01 May 2018 12:21

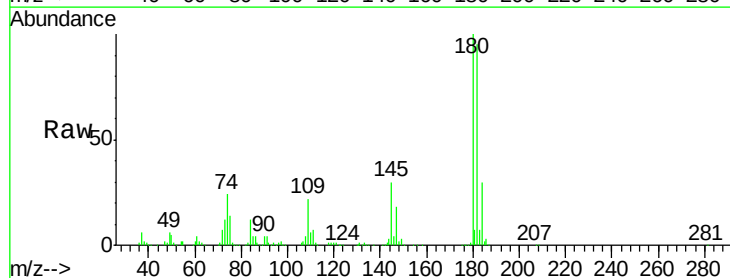
Tgt Ion:180 Resp: 238804

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 28.9 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

