

Data File : VX001307.D

Acq On : 02 May 2018 05:13

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 02 06:06:45 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	234373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119647	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.51	113	103997	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	384150	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.14	95	147752	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105112	52.19	ug/l	99
3) Chloromethane	1.32	50	98818	49.98	ug/l	100
4) Vinyl Chloride	1.40	62	105178	50.54	ug/l	100
5) Bromomethane	1.64	94	78569	50.65	ug/l	99
6) Chloroethane	1.72	64	68829	52.31	ug/l	100
7) Trichlorofluoromethane	1.93	101	186317	53.04	ug/l	97
8) Diethyl Ether	2.19	74	63664	52.79	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101499	50.11	ug/l	100
10) Methyl Iodide	2.51	142	149056	66.01	ug/l	99
11) Tert butyl alcohol	3.09	59	126421	291.57	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93333	51.11	ug/l	98
13) Acrolein	2.30	56	56385	225.86	ug/l	100
14) Allyl chloride	2.73	41	163852	51.28	ug/l	99
15) Acrylonitrile	3.15	53	267126	265.82	ug/l	100
16) Acetone	2.45	43	252161	234.41	ug/l	99
17) Carbon Disulfide	2.57	76	224733	47.23	ug/l	99
18) Methyl Acetate	2.78	43	148900	58.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	325841	52.38	ug/l	100
20) Methylene Chloride	2.86	84	105356	54.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99331	49.97	ug/l	97
22) Diisopropyl ether	3.88	45	312476	50.78	ug/l	99
23) Vinyl Acetate	3.83	43	1311118	251.43	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165470	48.27	ug/l	100
25) 2-Butanone	4.71	43	363732	250.07	ug/l	100
26) 2,2-Dichloropropane	4.59	77	97750	35.04	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	107919	49.40	ug/l	97
28) Bromochloromethane	5.03	49	83828	54.40	ug/l	98
29) Tetrahydrofuran	5.17	42	238690	266.82	ug/l	100
30) Chloroform	5.22	83	187393	51.72	ug/l	98
31) Cyclohexane	5.58	56	148579	47.99	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	162668	51.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	131316	48.55	ug/l	99
37) Ethyl Acetate	4.87	43	141366	51.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	145699	51.41	ug/l	96

Data File : VX001307.D

Acq On : 02 May 2018 05:13

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 02 06:06:45 2018

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

Quant Title : SW846 8260

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	154957	48.44	ug/l	98
40) Benzene	6.15	78	395343	50.81	ug/l	99
41) Methacrylonitrile	5.07	41	80963	50.89	ug/l	99
42) 1,2-Dichloroethane	6.20	62	150723	50.03	ug/l	99
43) Isopropyl Acetate	6.48	43	229918	51.99	ug/l	100
44) Trichloroethene	7.22	130	119936	50.35	ug/l	96
45) 1,2-Dichloropropane	7.52	63	101644	50.87	ug/l	99
46) Dibromomethane	7.67	93	71300	50.90	ug/l	99
47) Bromodichloromethane	7.91	83	132815	53.03	ug/l	97
48) Methyl methacrylate	7.79	41	122485	52.11	ug/l	99
49) 1,4-Dioxane	7.76	88	52436	1182.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	775001	271.85	ug/l	99
52) Toluene	8.79	92	260448	51.20	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	148842	49.97	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	139926	51.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	107234	52.19	ug/l	98
56) Ethyl methacrylate	9.19	69	155847	54.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	171487	51.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	372358	271.09	ug/l	100
59) 2-Hexanone	9.51	43	594619	266.86	ug/l	100
60) Dibromochloromethane	9.59	129	118894	55.47	ug/l	97
61) 1,2-Dibromoethane	9.68	107	116300	53.40	ug/l	99
64) Tetrachloroethene	9.34	164	144982	53.79	ug/l	99
65) Chlorobenzene	10.15	112	307724	49.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	114385	53.26	ug/l	99
67) Ethyl Benzene	10.26	91	512117	50.23	ug/l	99
68) m/p-Xylenes	10.37	106	412538	102.83	ug/l	100
69) o-Xylene	10.71	106	201001	51.66	ug/l	98
70) Styrene	10.72	104	330583	51.95	ug/l	99
71) Bromoform	10.86	173	97625	47.29	ug/l #	100
73) Isopropylbenzene	11.02	105	536159	49.77	ug/l	100
74) N-amyl acetate	6.48	43	229918	49.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	163999	50.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	180519	60.63	ug/l	90
77) Bromobenzene	11.26	156	154937	49.87	ug/l	99
78) n-propylbenzene	11.37	91	600889	50.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	357941	49.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464932	51.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36974	41.22	ug/l	96
82) 4-Chlorotoluene	11.52	91	430753	49.58	ug/l	100
83) tert-Butylbenzene	11.77	119	447784	49.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	477441	51.50	ug/l	99
85) sec-Butylbenzene	11.95	105	547360	50.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	508184	51.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	282002	48.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288165	48.18	ug/l	100
89) n-Butylbenzene	12.40	91	419869	48.59	ug/l	99
90) Hexachloroethane	12.60	117	75298	52.52	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	289126	50.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36824	56.46	ug/l	98

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

Data File : VX001307.D
Acq On : 02 May 2018 05:13
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 02 06:06:45 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214626	46.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	110533	45.48	ug/l	100
95) Naphthalene	13.84	128	603594	51.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	219501	48.14	ug/l	99

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

Data File : VX001307.D

Acq On : 02 May 2018 05:13

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 40 Sample Multiplier: 1

Instrument :

MSVOA X

ClientSampleId :

VSTDC050EC

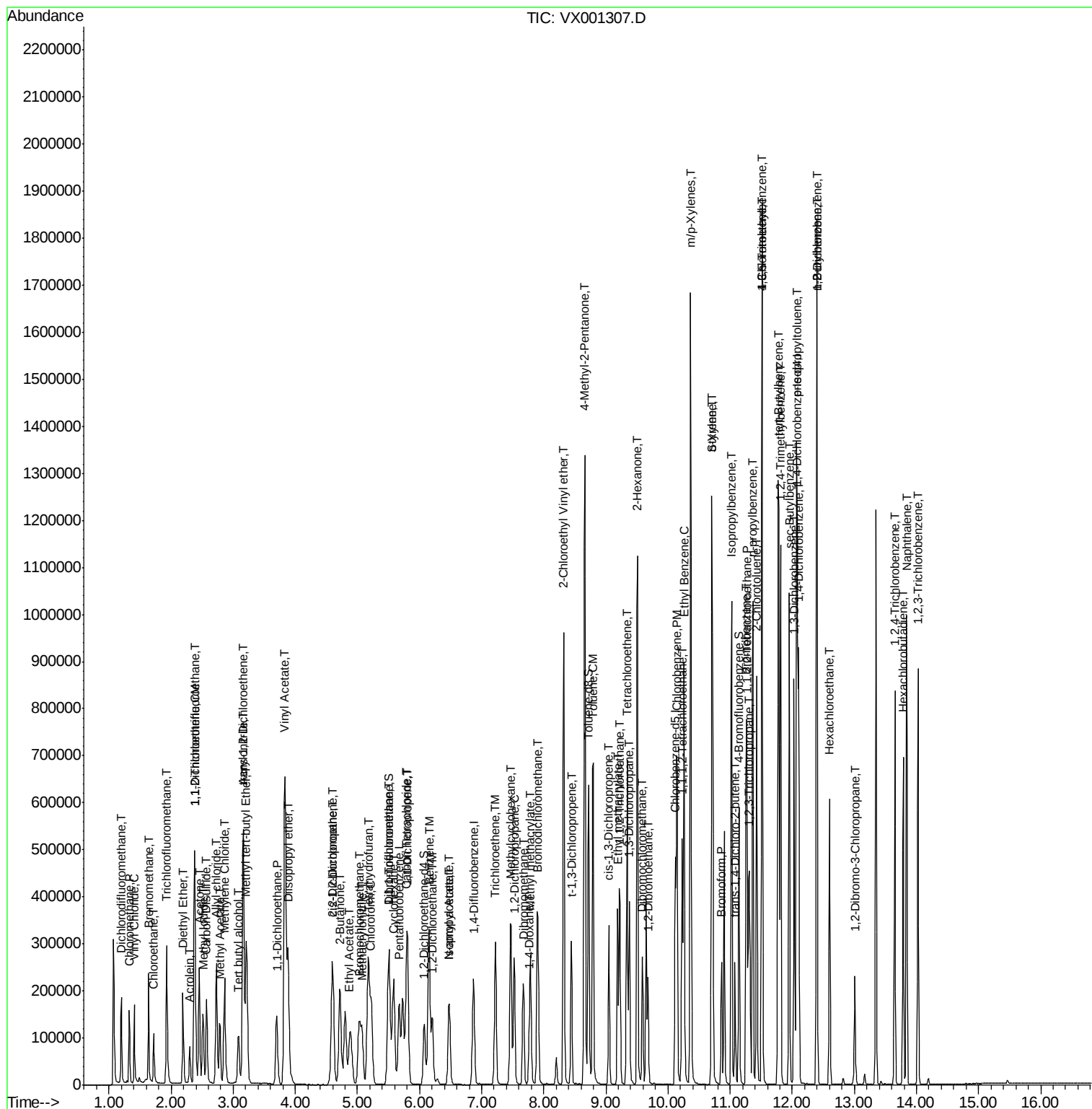
Quant Time: May 02 06:06:45 2018

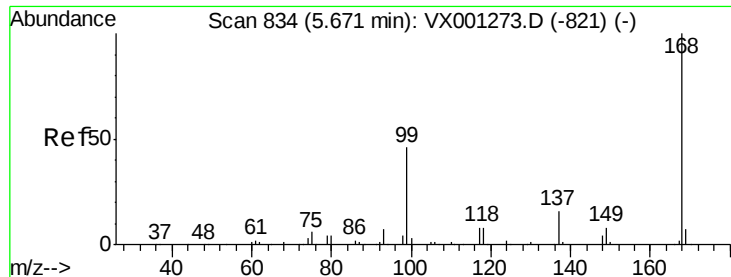
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X050118W.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

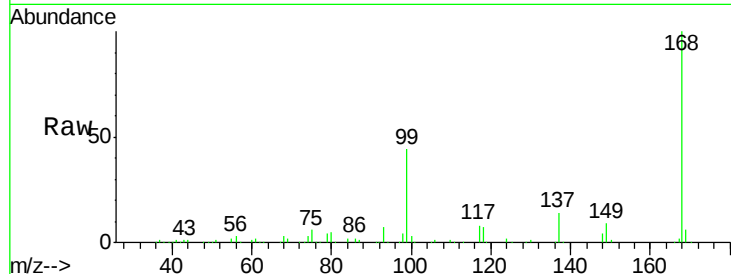
VSTDCCC050EC

Tgt Ion:168 Resp: 182059

Ion Ratio Lower Upper

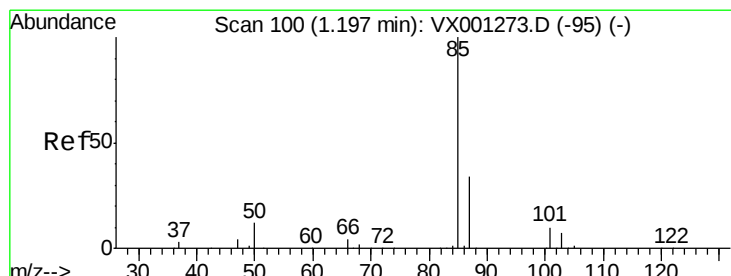
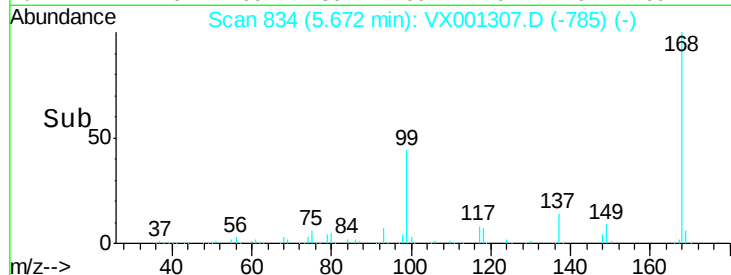
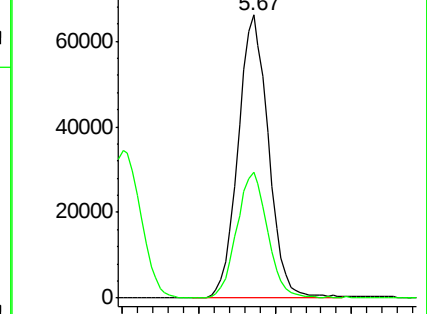
168 100

99 44.2 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001307.D

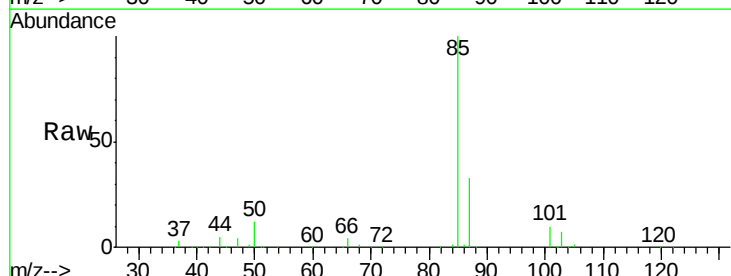
Acq: 02 May 2018 05:13

Tgt Ion: 85 Resp: 105112

Ion Ratio Lower Upper

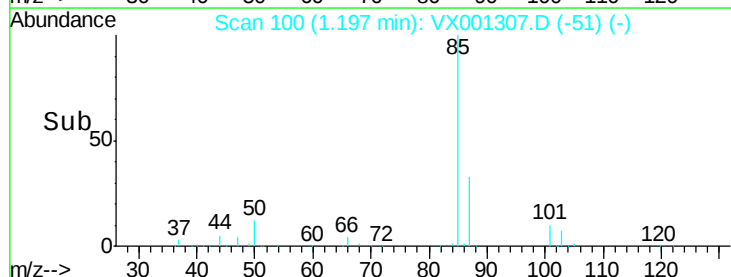
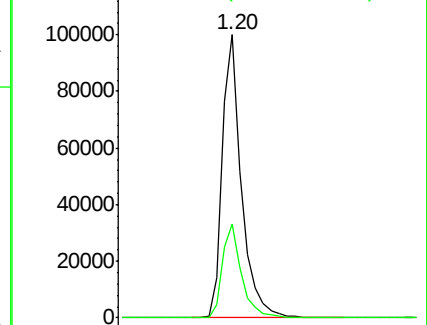
85 100

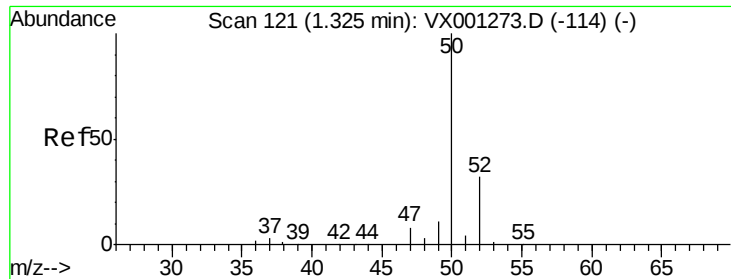
87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

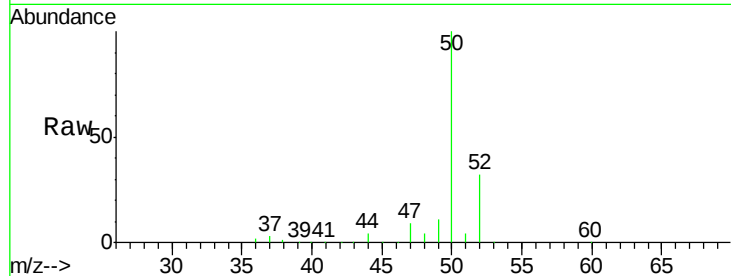
VSTDCCC050EC

Tgt Ion: 50 Resp: 98818

Ion Ratio Lower Upper

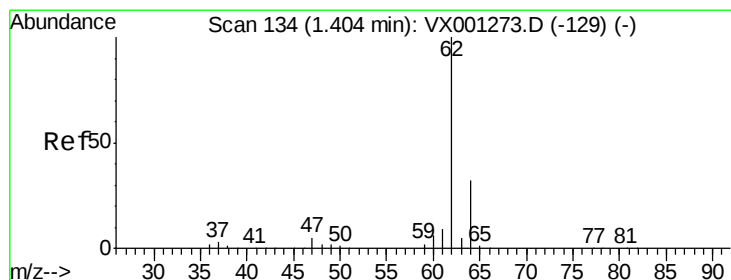
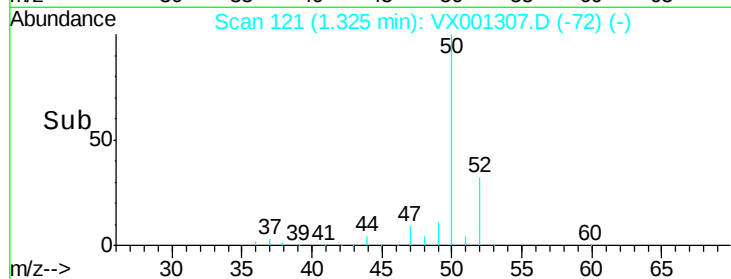
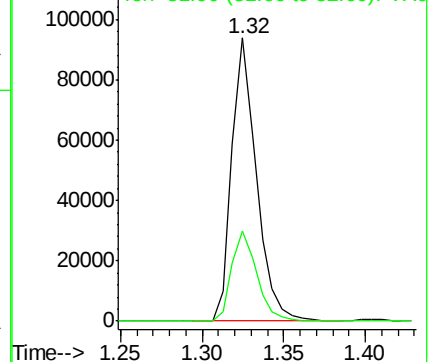
50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.54 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001307.D

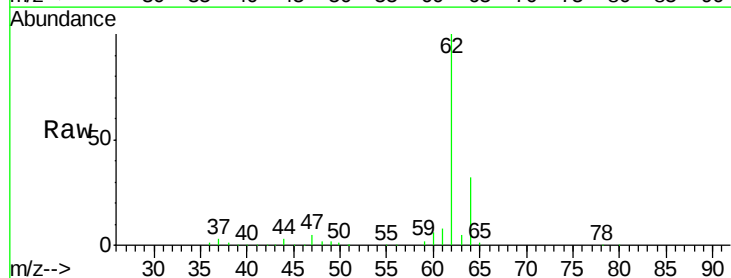
Acq: 02 May 2018 05:13

Tgt Ion: 62 Resp: 105178

Ion Ratio Lower Upper

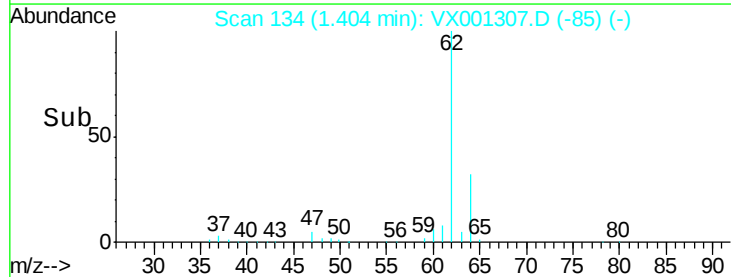
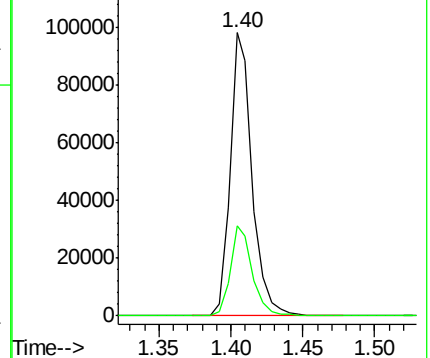
62 100

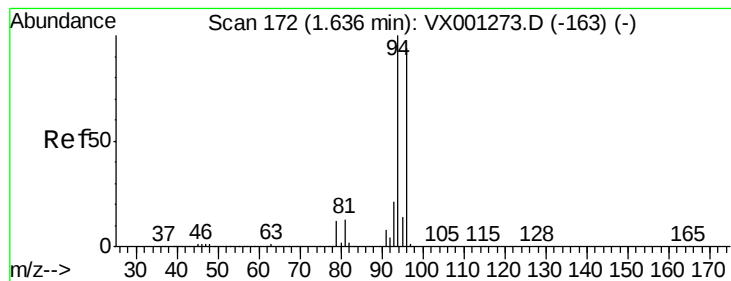
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.65 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

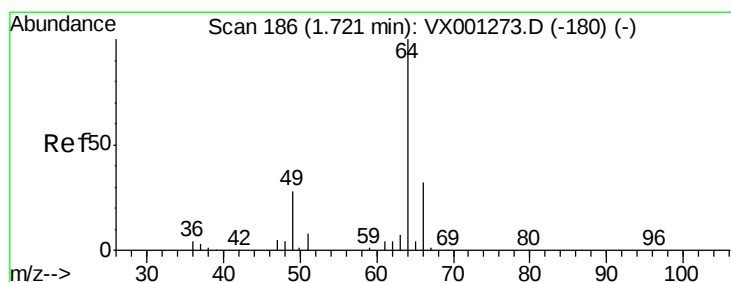
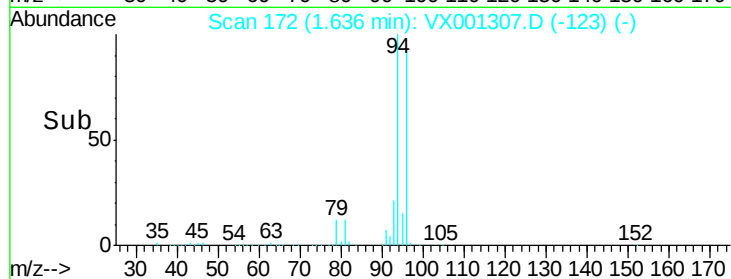
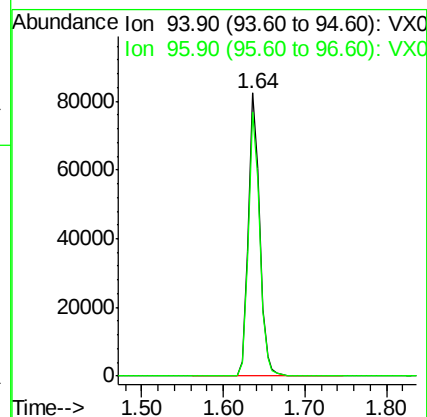
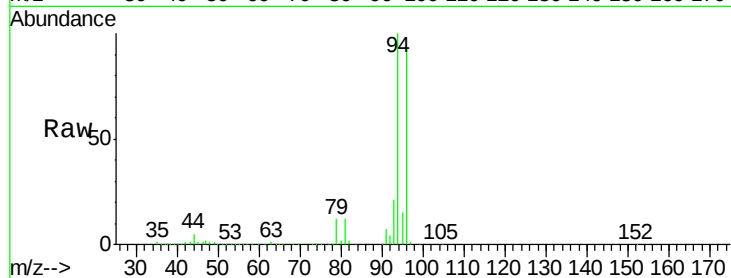
VSTDCCC050EC

Tgt Ion: 94 Resp: 78569

Ion Ratio Lower Upper

94 100

96 93.2 75.6 113.4



#6

Chloroethane

Concen: 52.31 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001307.D

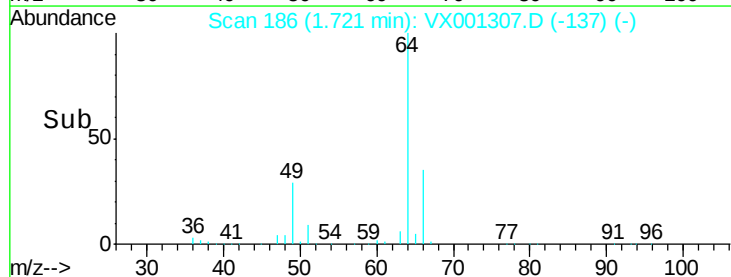
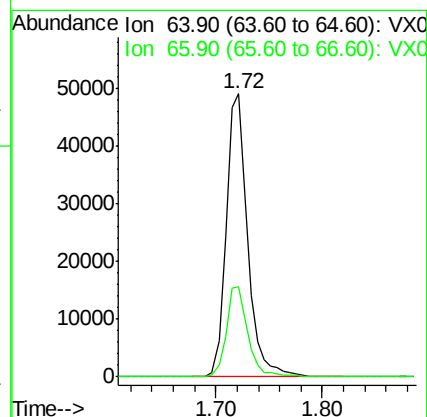
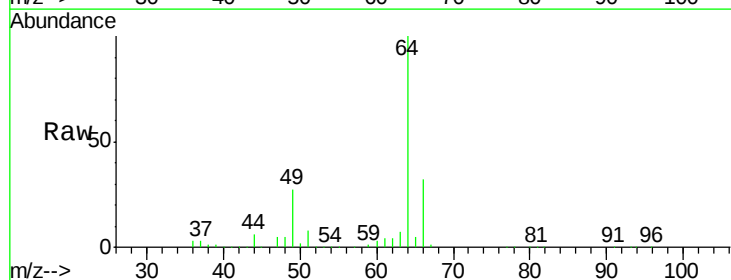
Acq: 02 May 2018 05:13

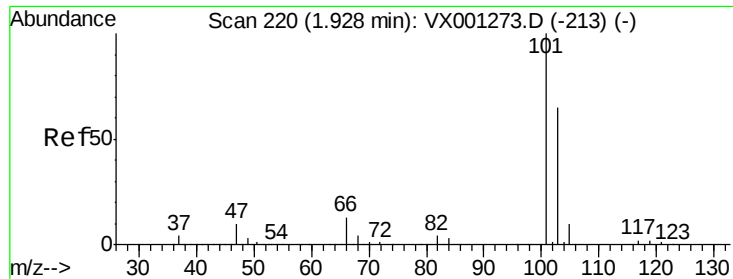
Tgt Ion: 64 Resp: 68829

Ion Ratio Lower Upper

64 100

66 32.0 25.7 38.5





#7

Trichlorofluoromethane

Concen: 53.04 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

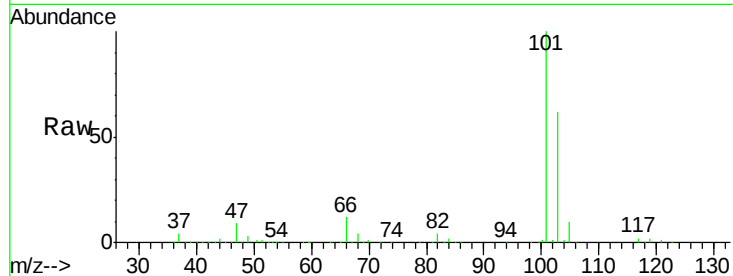
VSTDCCC050EC

Tgt Ion:101 Resp: 186317

Ion Ratio Lower Upper

101 100

103 62.3 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

150000

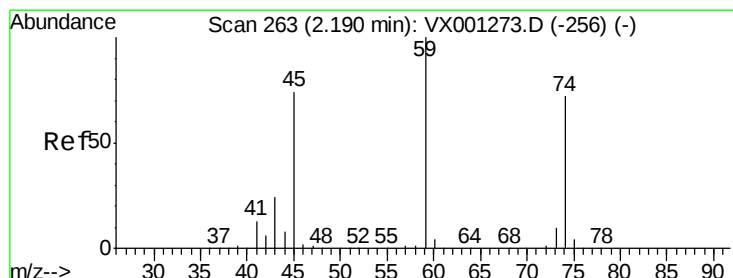
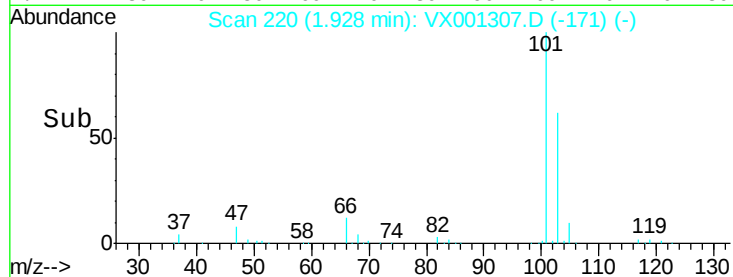
100000

50000

0

1.90 2.00 2.10

Time-->



#8

Diethyl Ether

Concen: 52.79 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001307.D

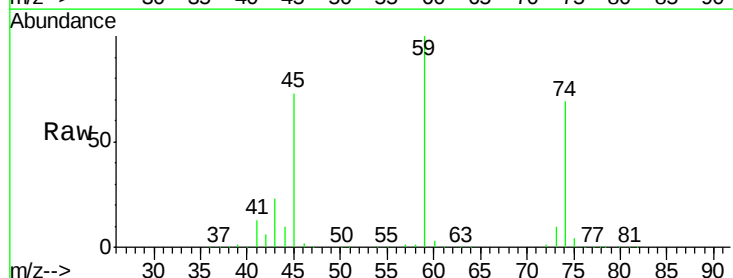
Acq: 02 May 2018 05:13

Tgt Ion: 74 Resp: 63664

Ion Ratio Lower Upper

74 100

45 98.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

50000

40000

30000

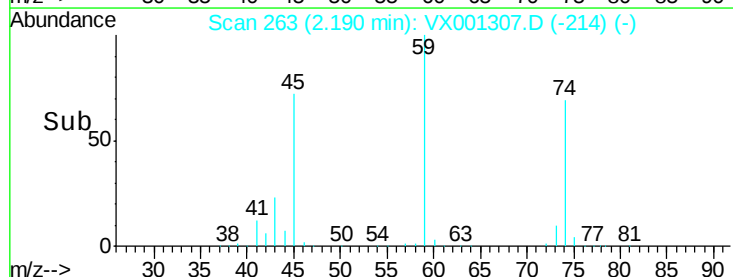
20000

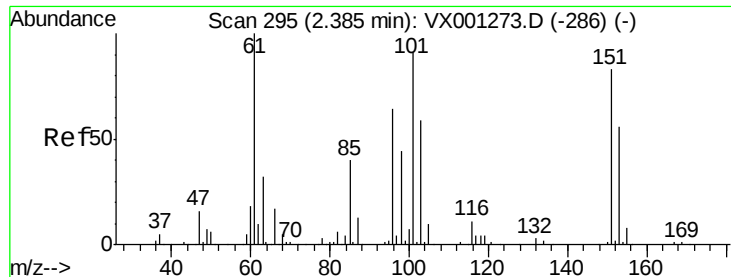
10000

0

2.10 2.15 2.20 2.25

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

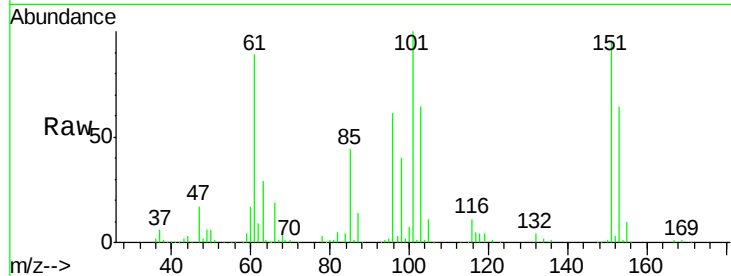
Tgt Ion:101 Resp: 101499

Ion Ratio Lower Upper

101 100

85 44.7 35.6 53.4

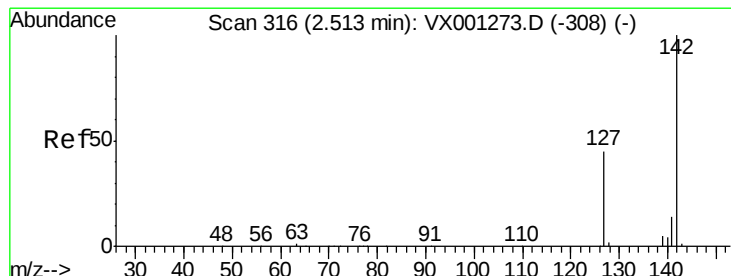
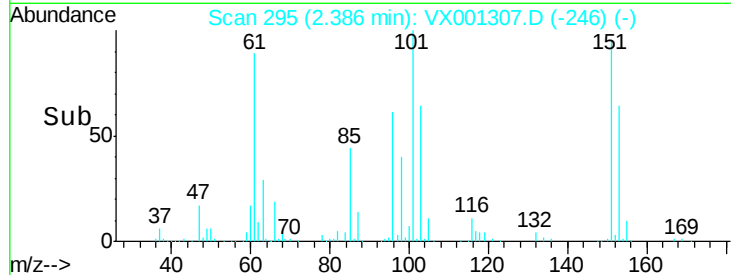
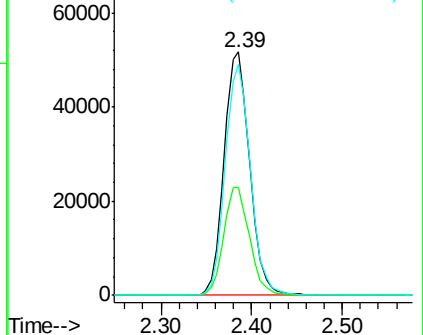
151 93.4 74.8 112.2



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: 66.01 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

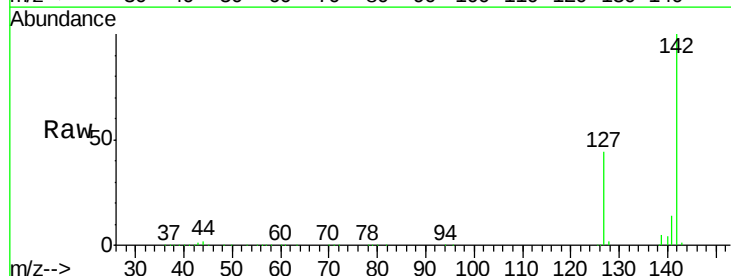
Tgt Ion:142 Resp: 149056

Ion Ratio Lower Upper

142 100

127 44.0 35.7 53.5

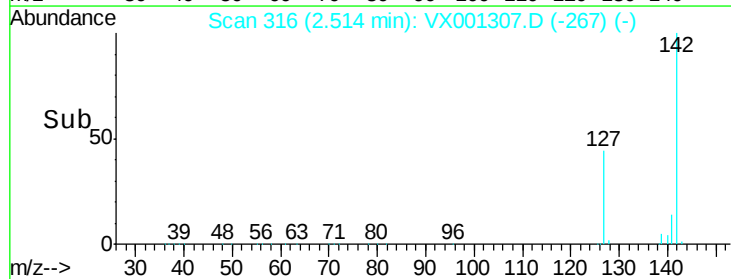
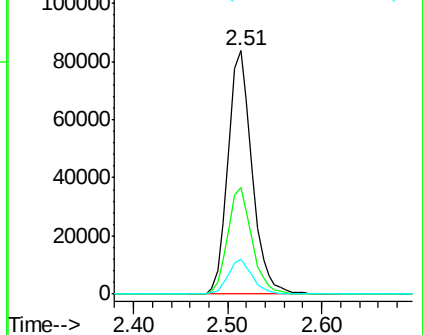
141 14.3 11.4 17.0

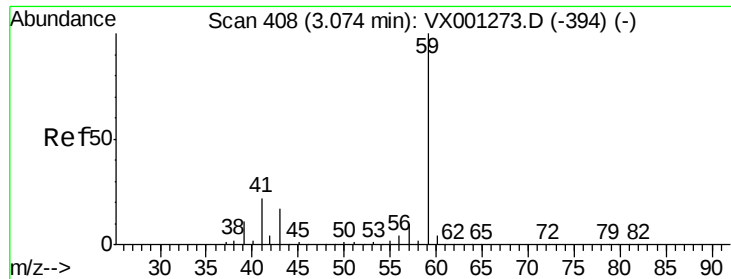


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



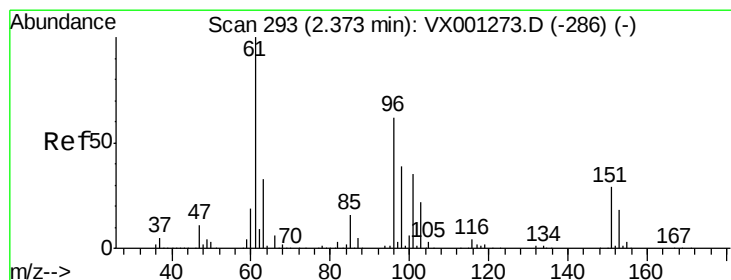
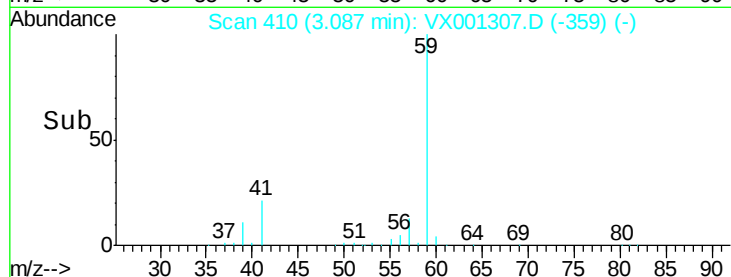
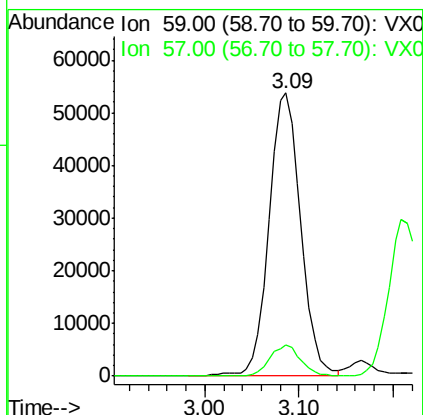
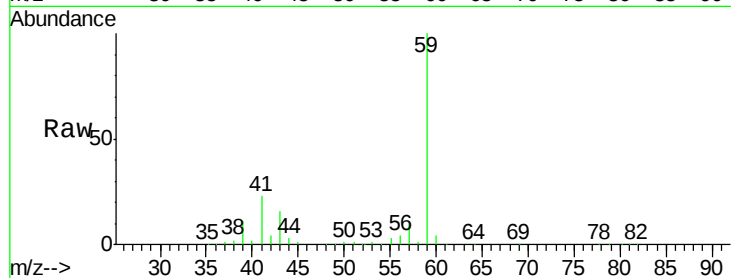


#11

Tert butyl alcohol
 Concen: 291.57 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

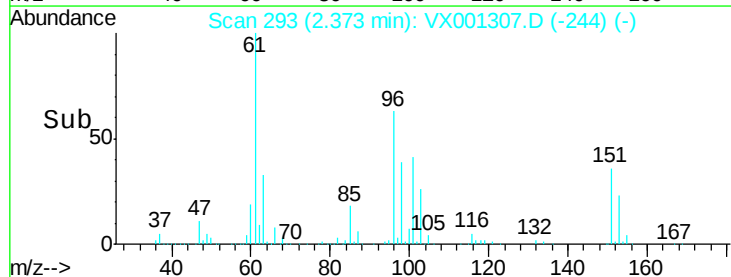
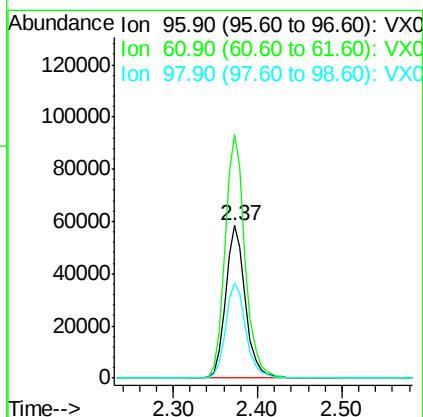
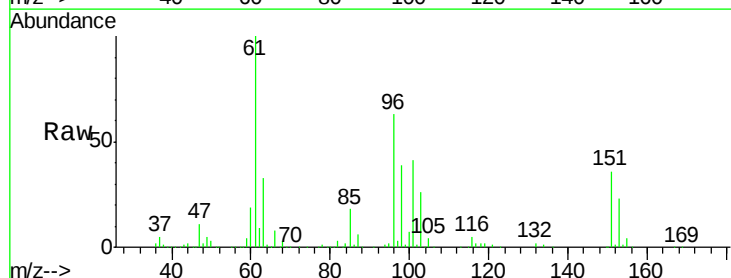
Tgt Ion: 59 Resp: 126421
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8

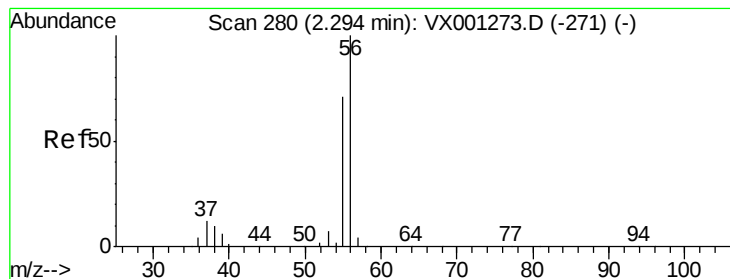


#12

1,1-Dichloroethene
 Concen: 51.11 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion: 96 Resp: 93333
 Ion Ratio Lower Upper
 96 100
 61 159.8 130.1 195.1
 98 62.8 50.3 75.5





#13

Acrolein

Concen: 225.86 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

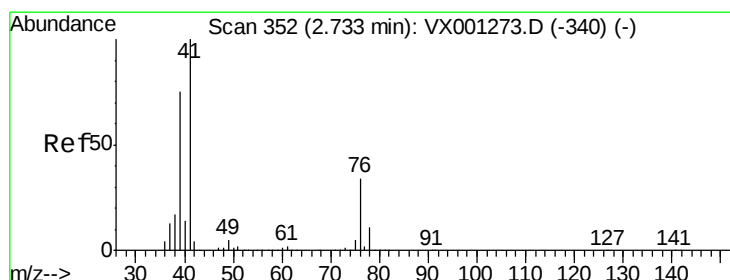
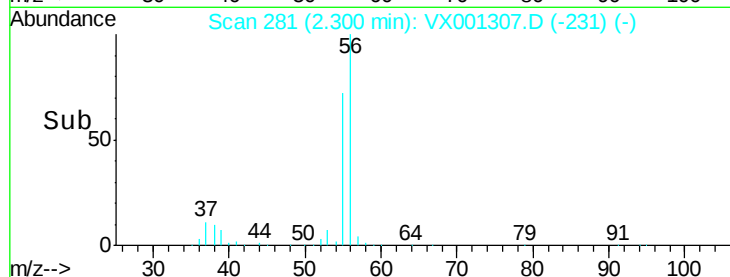
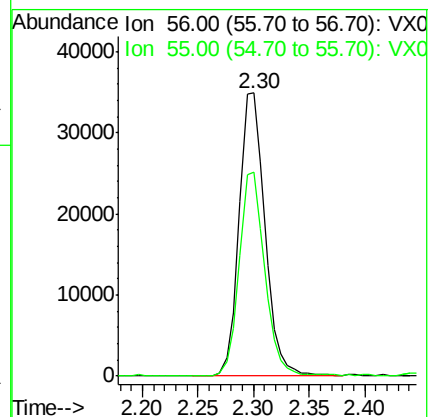
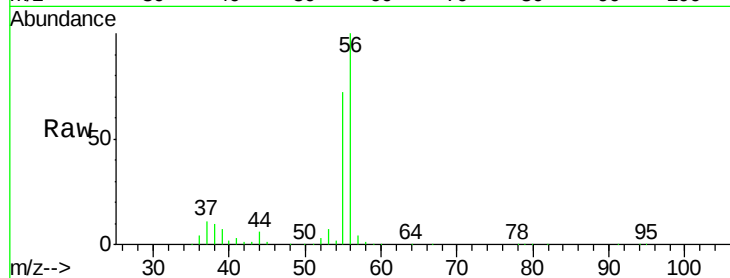
VSTDCCC050EC

Tgt Ion: 56 Resp: 56385

Ion Ratio Lower Upper

56 100

55 71.8 57.2 85.8



#14

Allyl chloride

Concen: 51.28 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

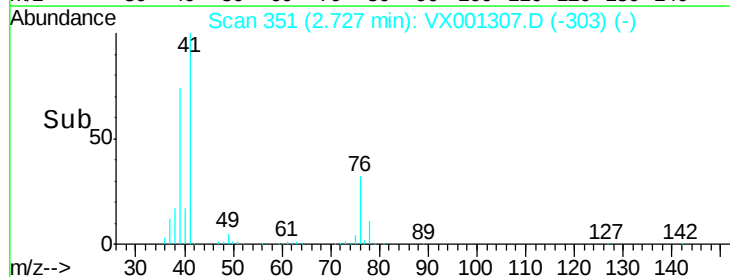
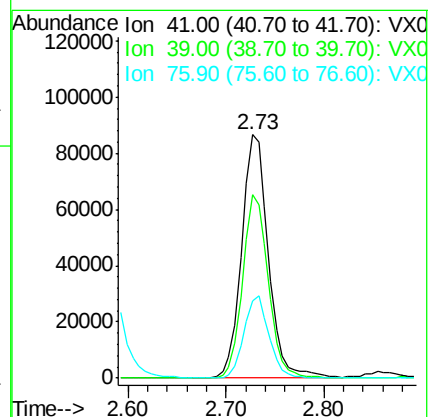
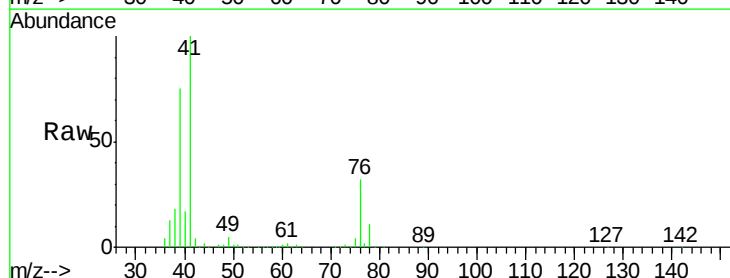
Tgt Ion: 41 Resp: 163852

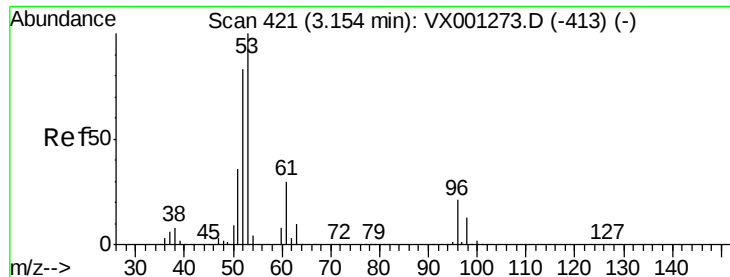
Ion Ratio Lower Upper

41 100

39 71.9 58.1 87.1

76 31.3 25.1 37.7





#15

Acrylonitrile

Concen: 265.82 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

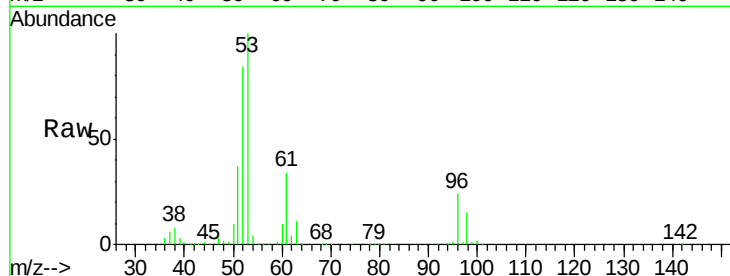
Tgt Ion: 53 Resp: 267126

Ion Ratio Lower Upper

53 100

52 83.9 67.0 100.4

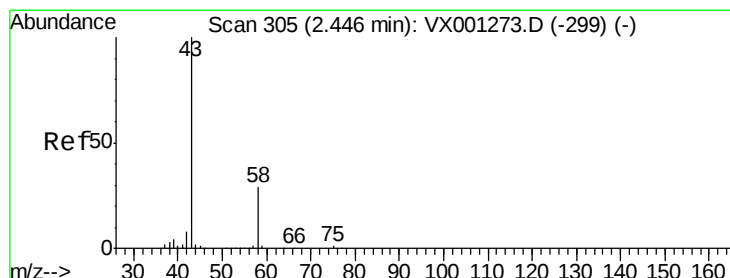
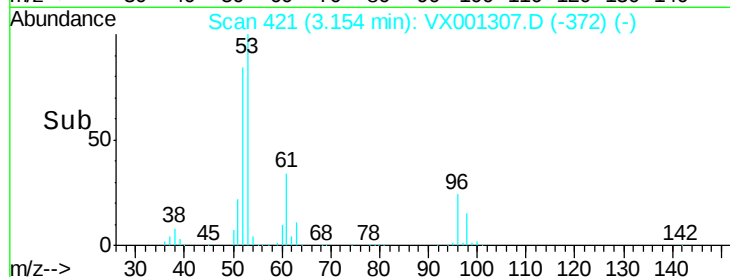
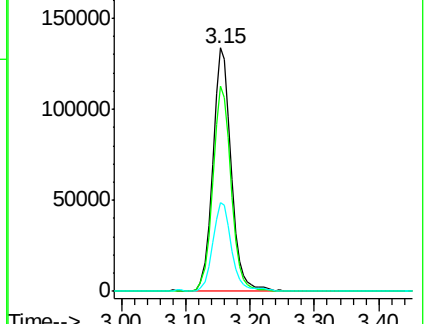
51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.41 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001307.D

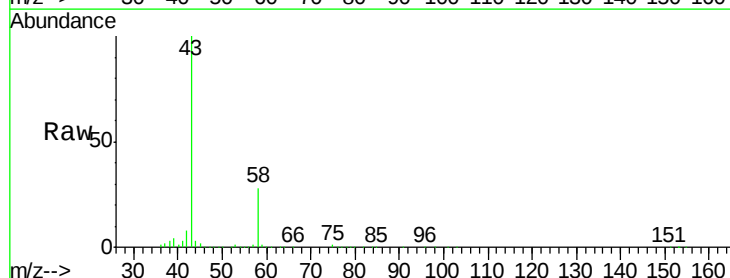
Acq: 02 May 2018 05:13

Tgt Ion: 43 Resp: 252161

Ion Ratio Lower Upper

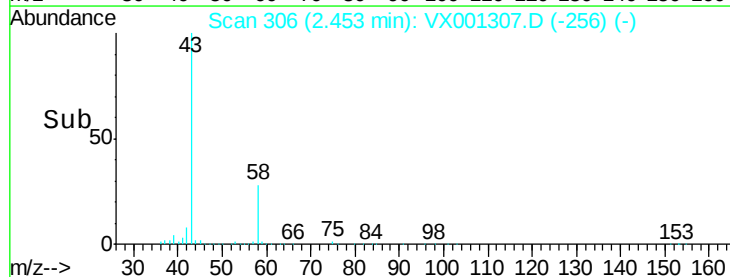
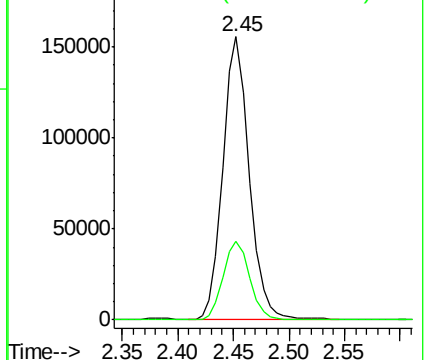
43 100

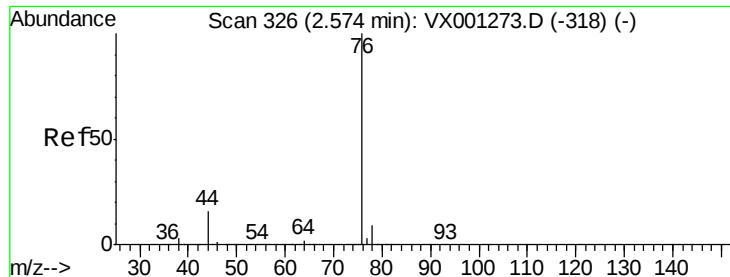
58 27.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

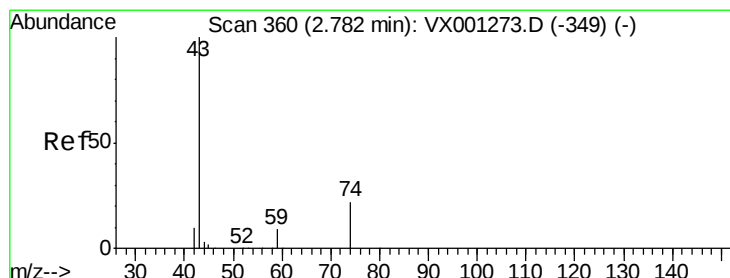
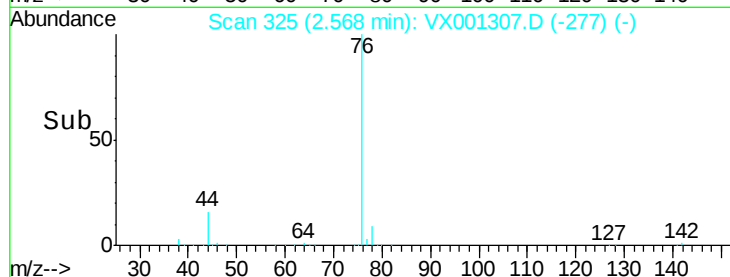
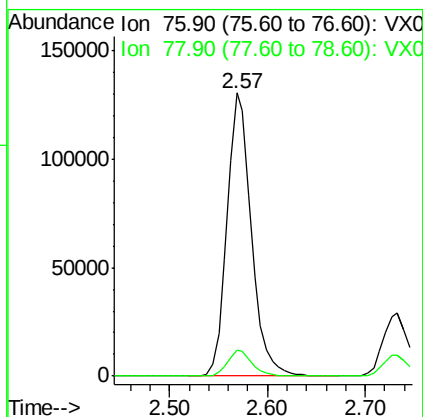
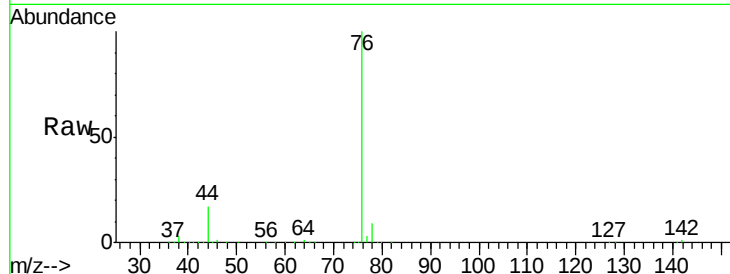




#17
Carbon Disulfide
Concen: 47.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

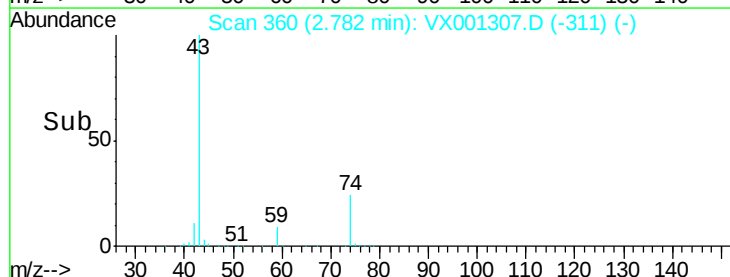
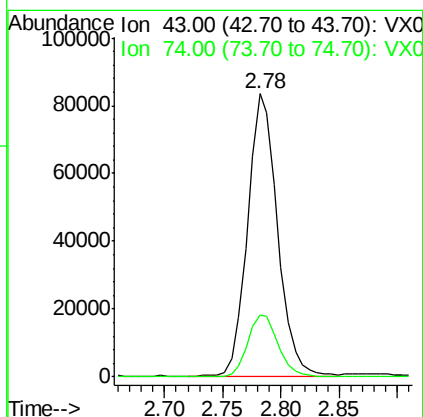
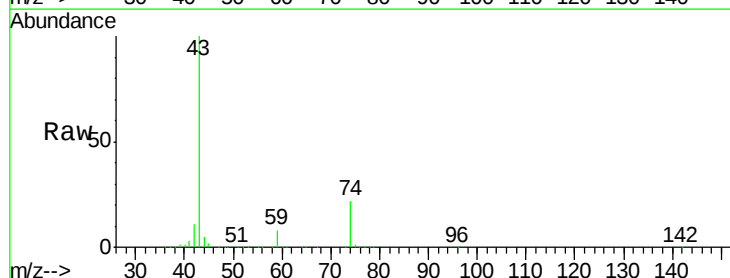
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

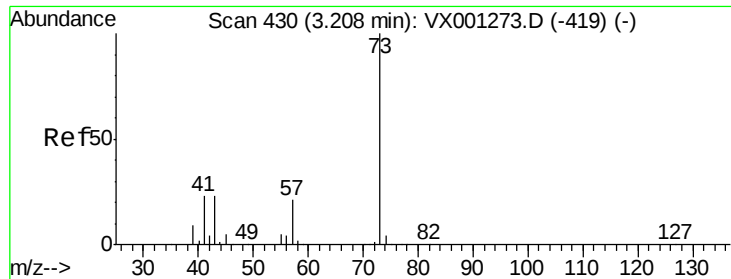
Tgt Ion: 76 Resp: 224733
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 58.61 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion: 43 Resp: 148900
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6



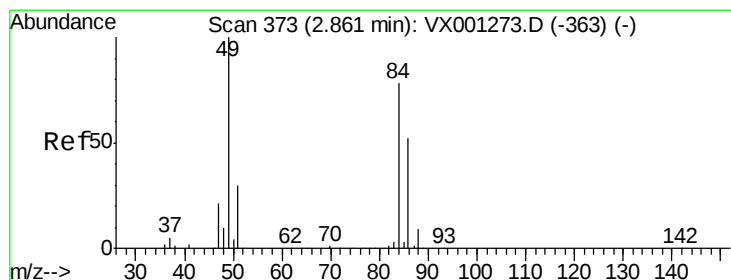
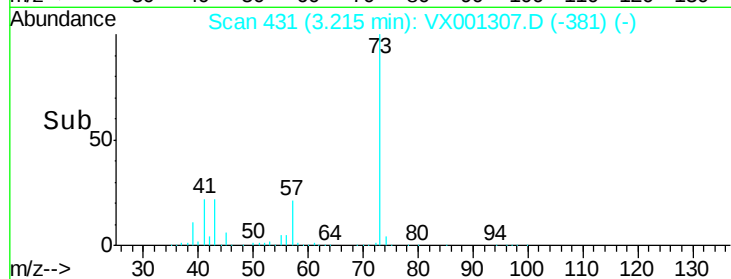
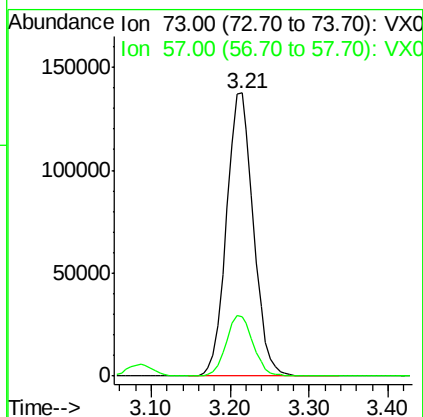
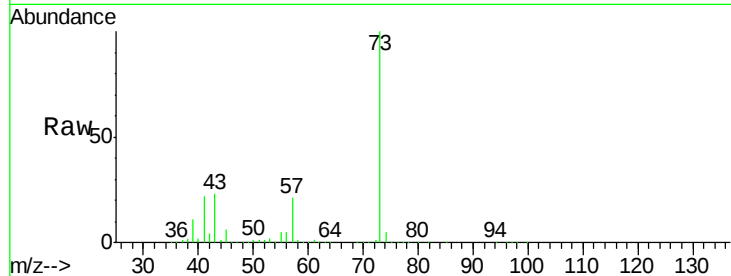


#19

Methyl tert-butyl Ether
 Concen: 52.38 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

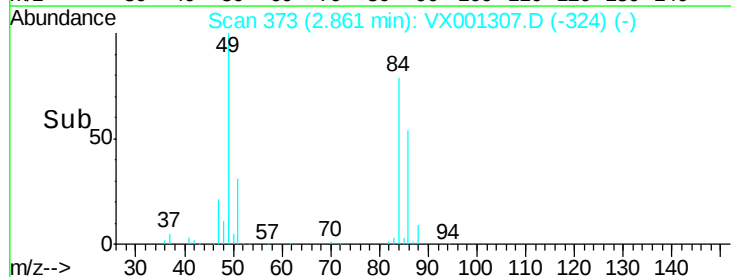
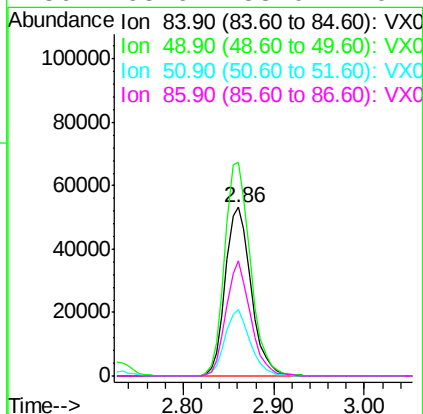
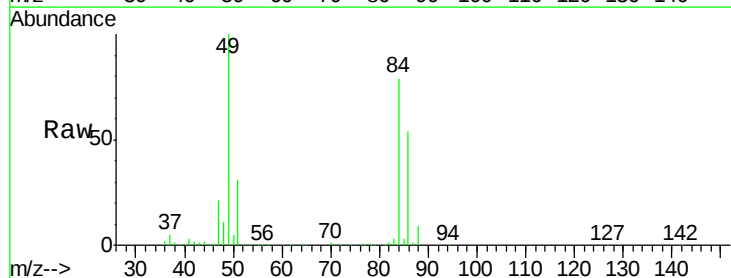
Tgt Ion: 73 Resp: 325841
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

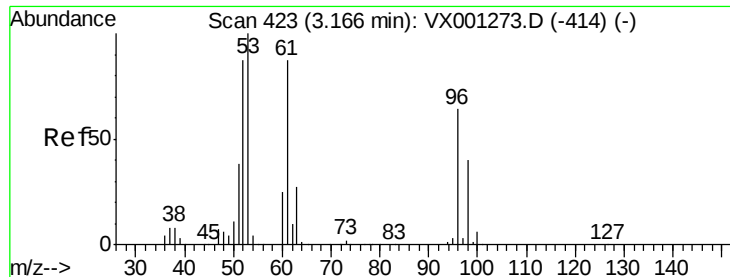


#20

Methylene Chloride
 Concen: 54.42 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion: 84 Resp: 105356
 Ion Ratio Lower Upper
 84 100
 49 126.6 102.8 154.2
 51 39.7 30.9 46.3
 86 68.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

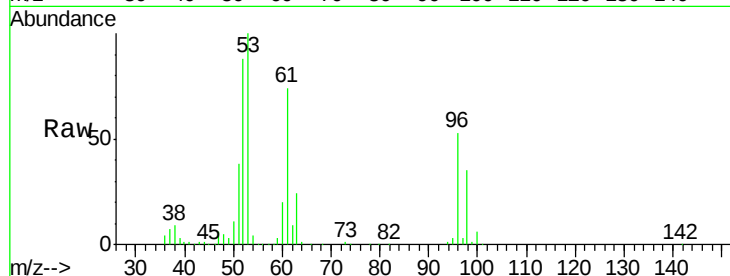
Tgt Ion: 96 Resp: 99331

Ion Ratio Lower Upper

96 100

61 138.1 108.6 162.8

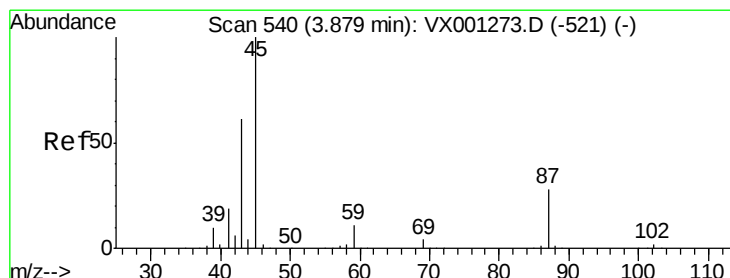
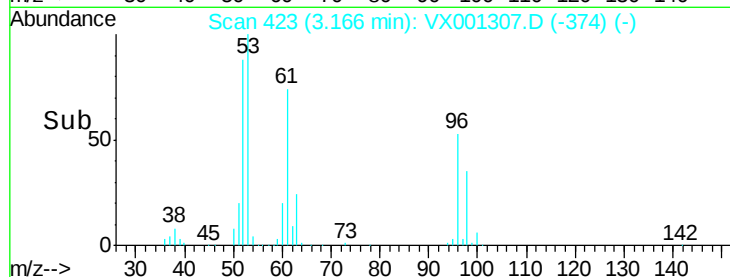
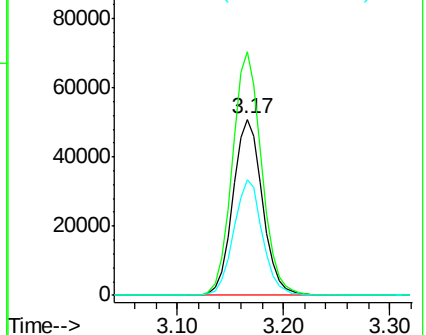
98 65.5 49.7 74.5



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: 50.78 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion: 45 Resp: 312476

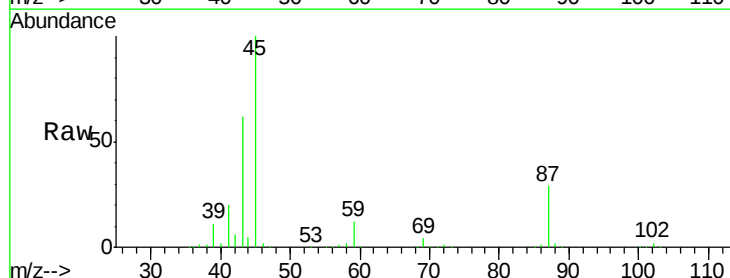
Ion Ratio Lower Upper

45 100

43 61.6 48.7 73.1

87 28.9 22.2 33.4

59 11.7 9.1 13.7

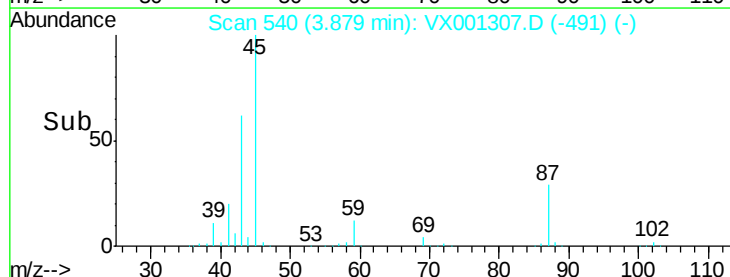
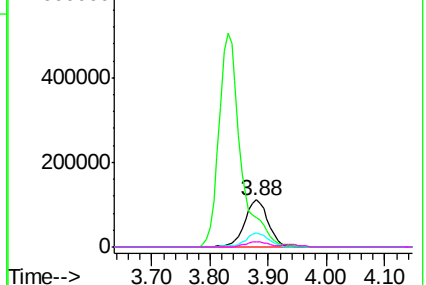


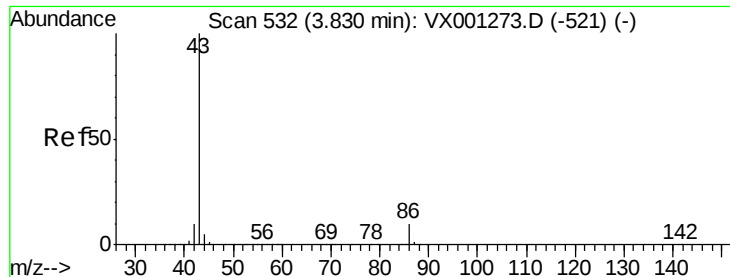
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 251.43 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

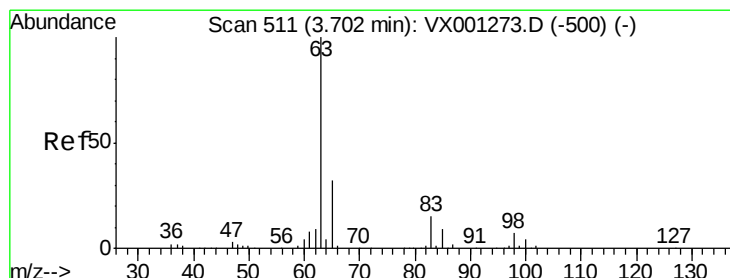
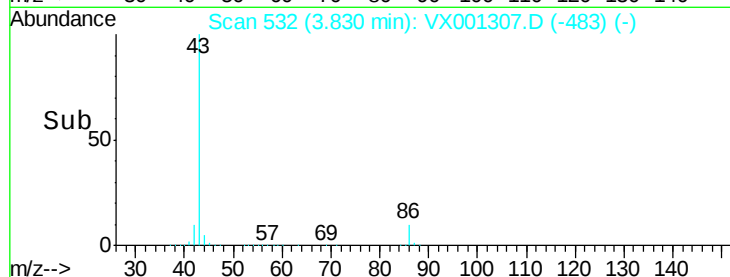
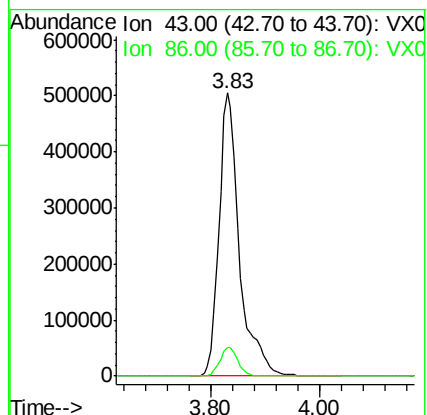
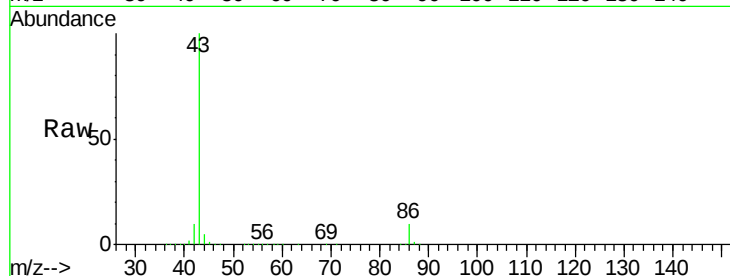
VSTDCCC050EC

Tgt Ion: 43 Resp: 1311118

Ion Ratio Lower Upper

43 100

86 10.1 8.2 12.4



#24

1,1-Dichloroethane

Concen: 48.27 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

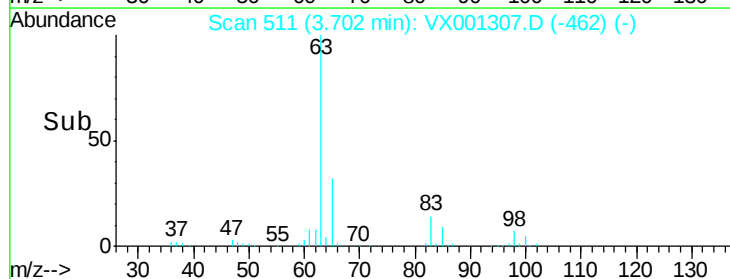
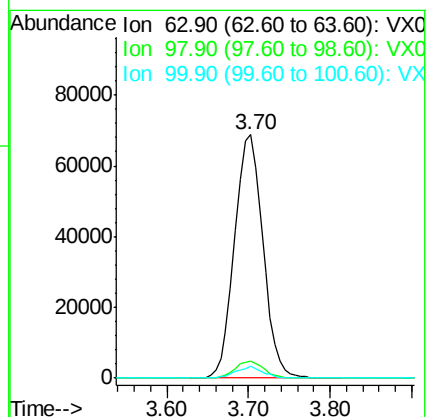
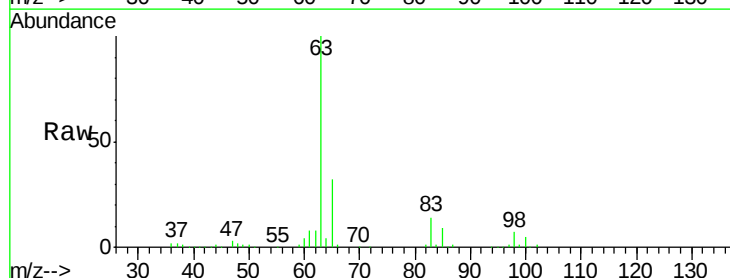
Tgt Ion: 63 Resp: 165470

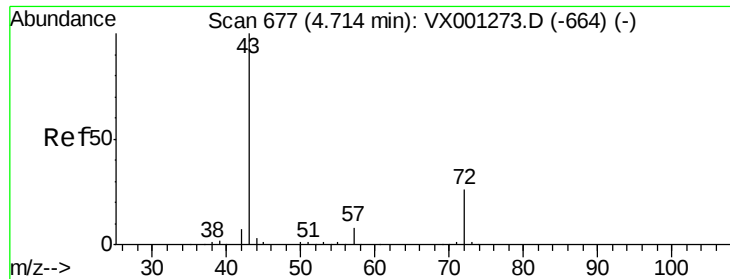
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 250.07 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

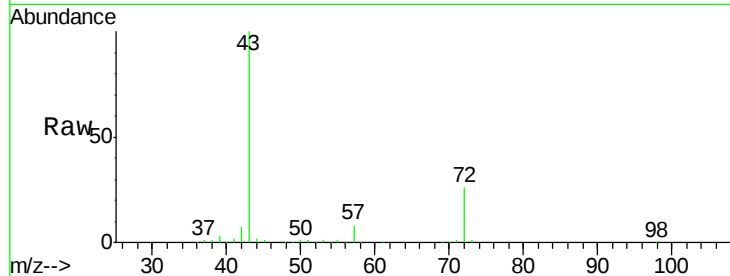
VSTDCCC050EC

Tgt Ion: 43 Resp: 363732

Ion Ratio Lower Upper

43 100

72 25.8 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

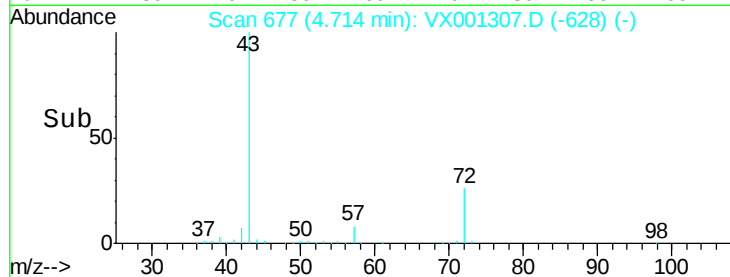
150000

100000

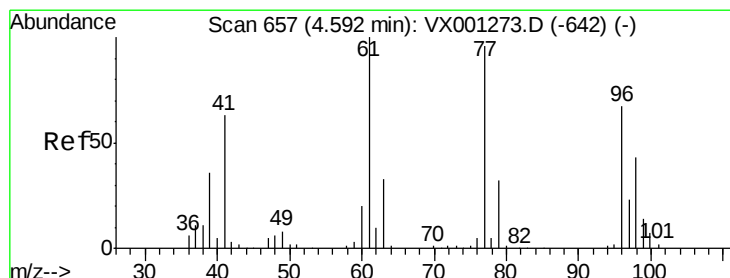
50000

0

Time-->



Time-->



#26

2,2-Dichloropropane

Concen: 35.04 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001307.D

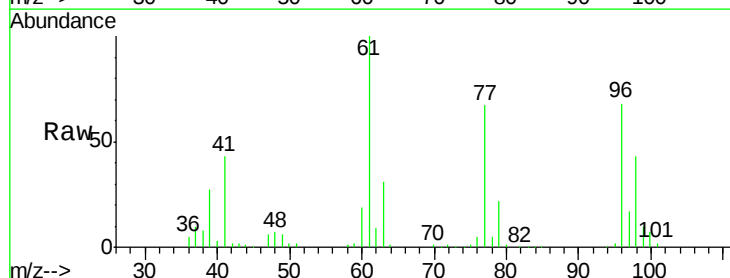
Acq: 02 May 2018 05:13

Tgt Ion: 77 Resp: 97750

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

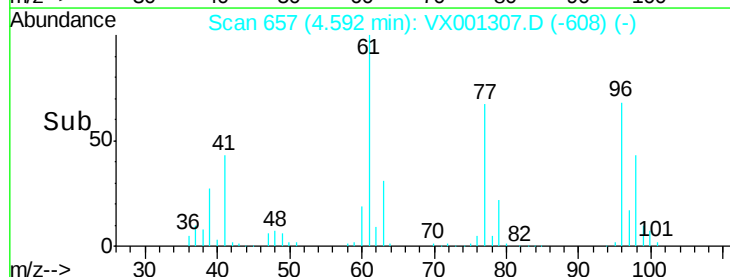
30000

20000

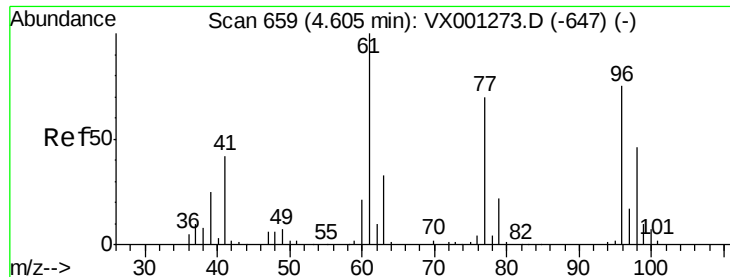
10000

0

Time-->



Time-->

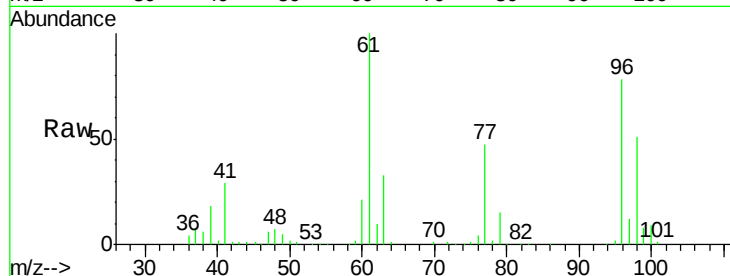


#27

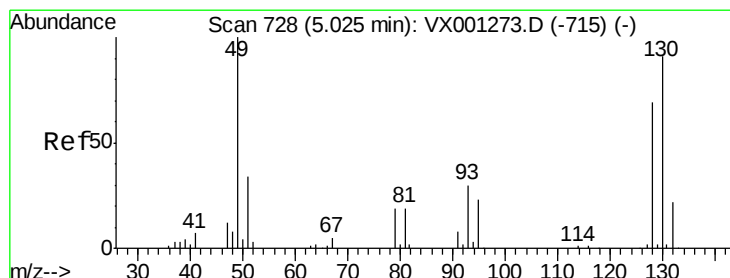
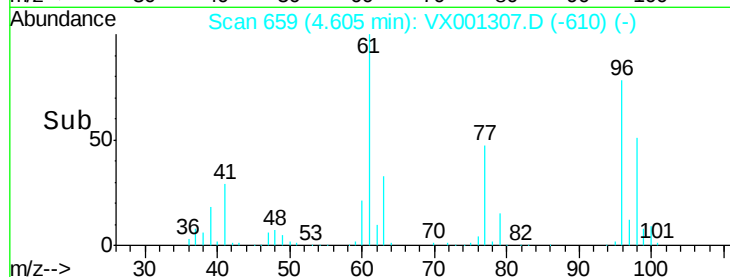
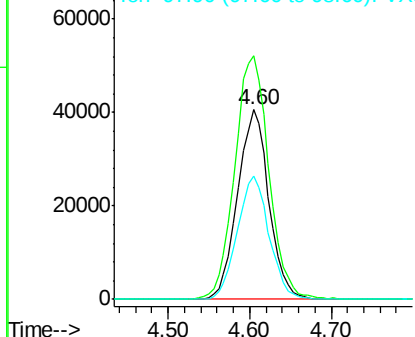
cis-1,2-Dichloroethene
Concen: 49.40 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 107919
Ion Ratio Lower Upper
96 100
61 140.1 0.0 288.0
98 66.1 0.0 130.2



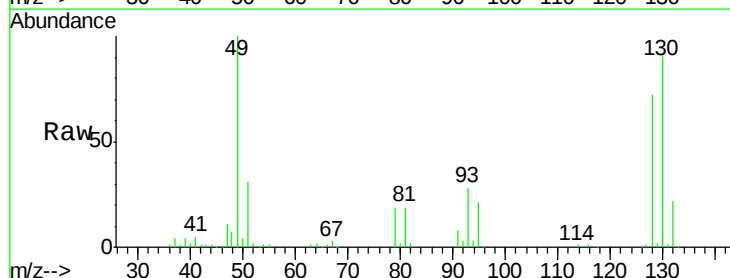
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



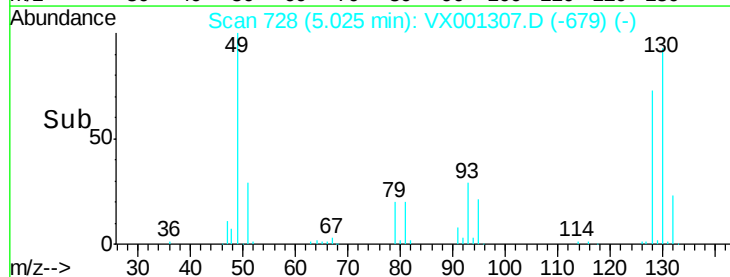
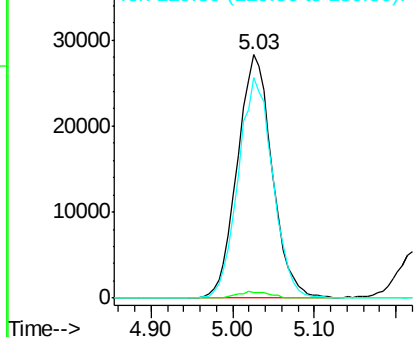
#28

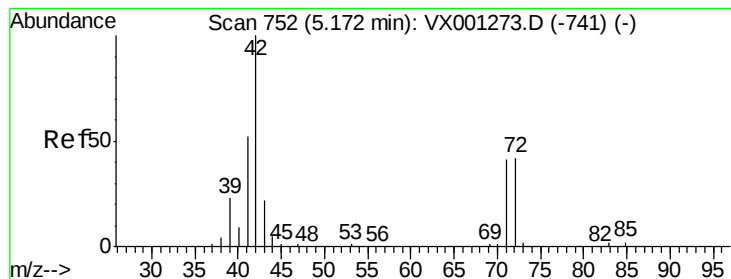
Bromochloromethane
Concen: 54.40 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion: 49 Resp: 83828
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 89.9 70.4 105.6



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





#29

Tetrahydrofuran

Concen: 266.82 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

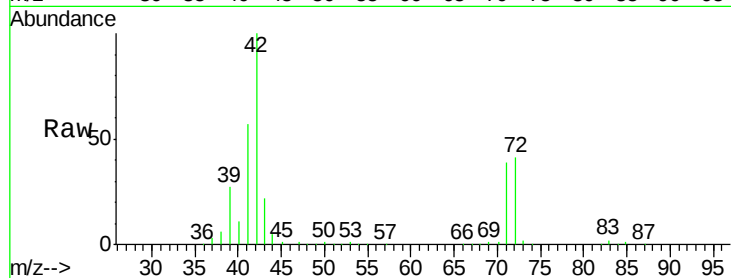
Tgt Ion: 42 Resp: 238690

Ion Ratio Lower Upper

42 100

72 43.1 34.6 52.0

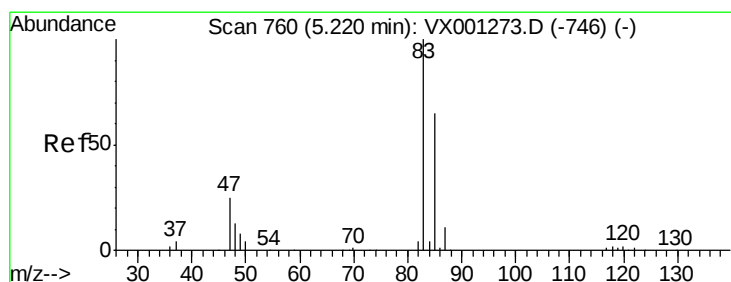
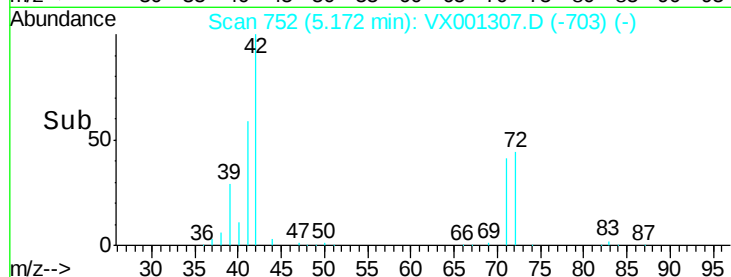
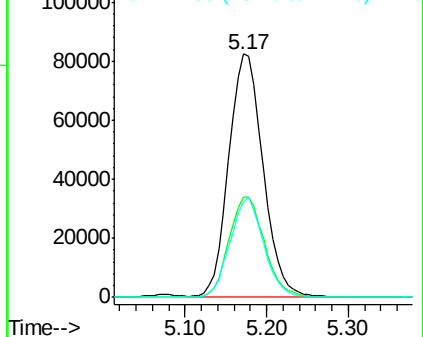
71 40.5 32.7 49.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.72 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001307.D

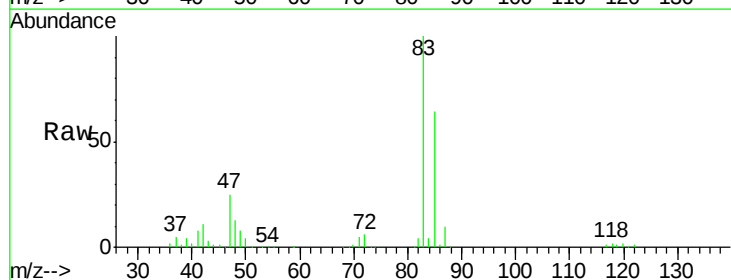
Acq: 02 May 2018 05:13

Tgt Ion: 83 Resp: 187393

Ion Ratio Lower Upper

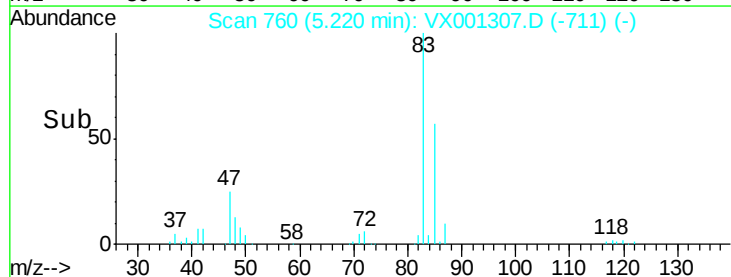
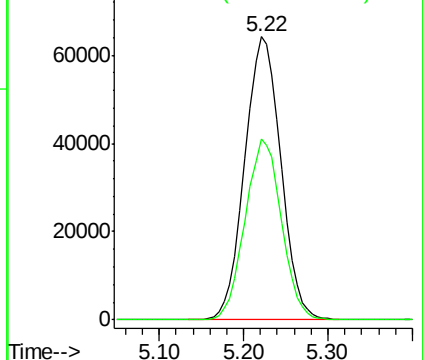
83 100

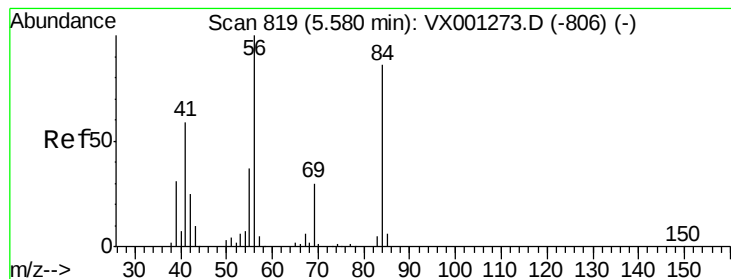
85 63.9 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.99 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

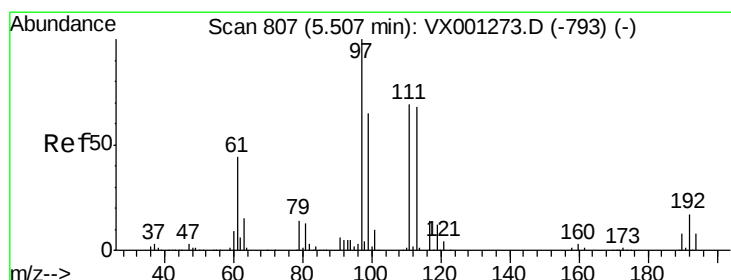
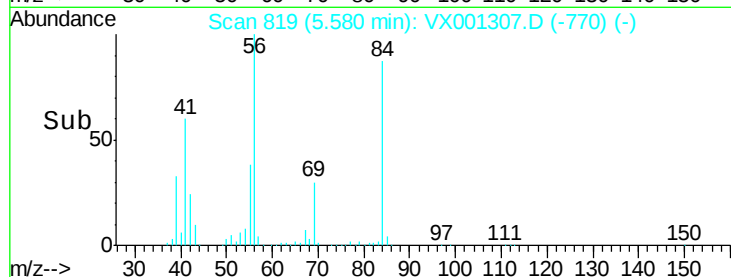
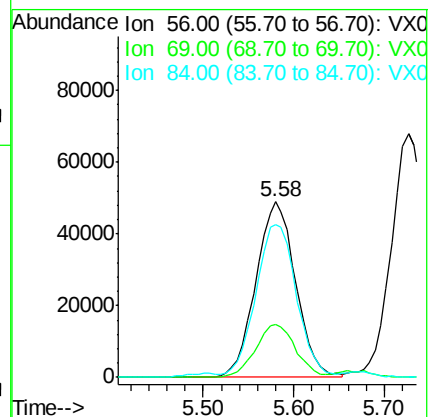
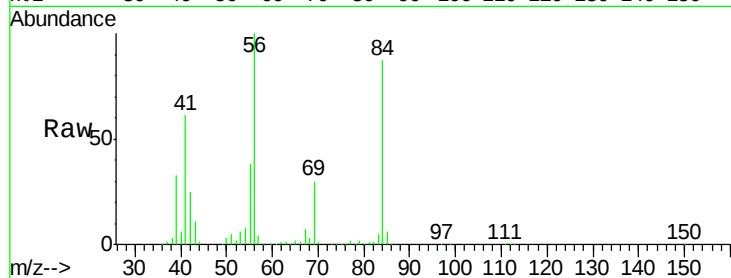
Tgt Ion: 56 Resp: 148579

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 85.4 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 51.36 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

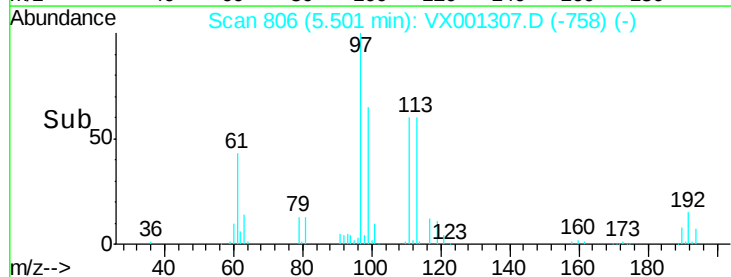
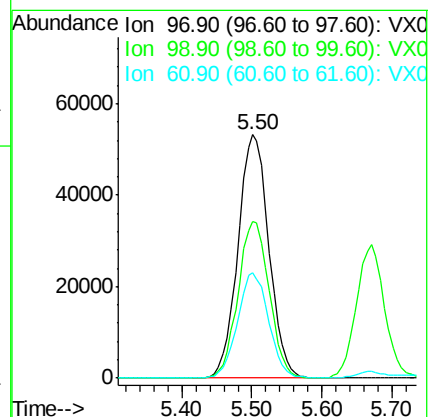
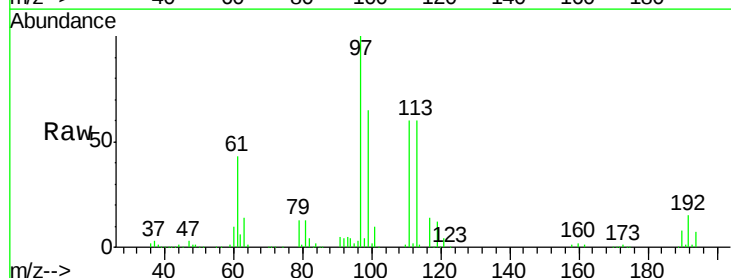
Tgt Ion: 97 Resp: 162668

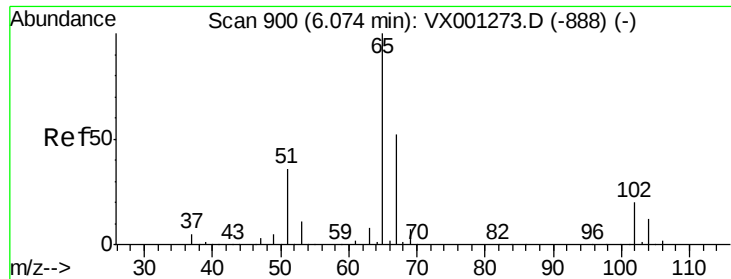
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.6

61 43.8 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 47.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

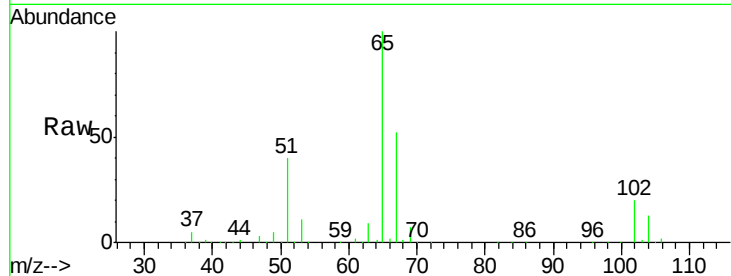
VSTDCCC050EC

Tgt Ion: 65 Resp: 119647

Ion Ratio Lower Upper

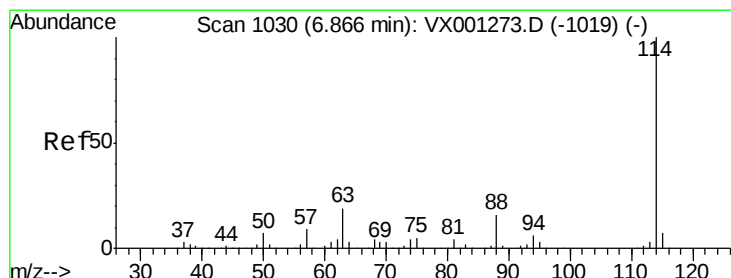
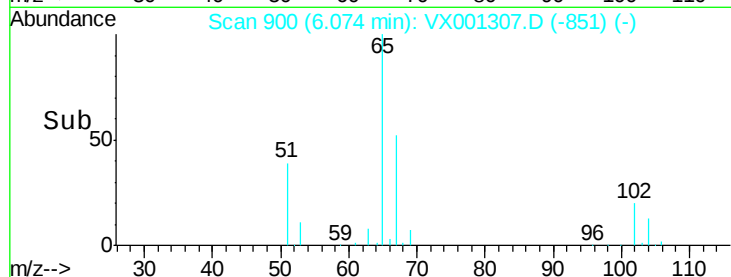
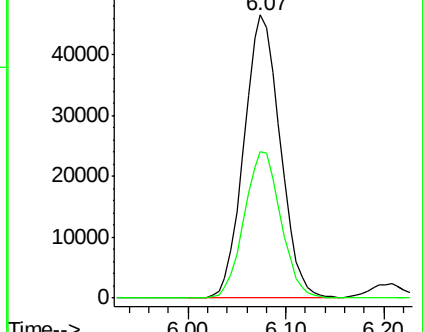
65 100

67 52.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

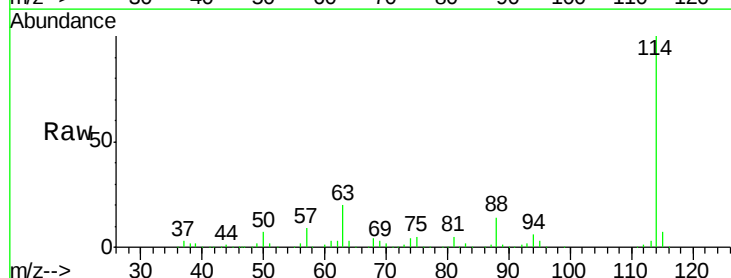
Tgt Ion: 114 Resp: 234373

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

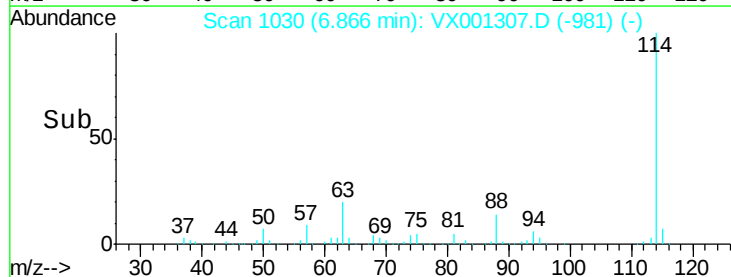
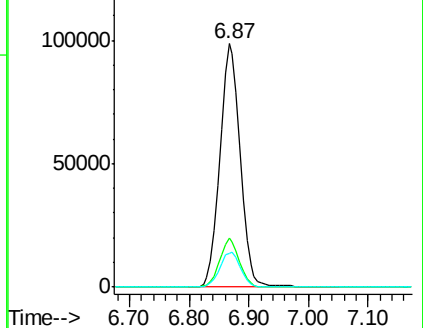
88 13.7 0.0 32.2

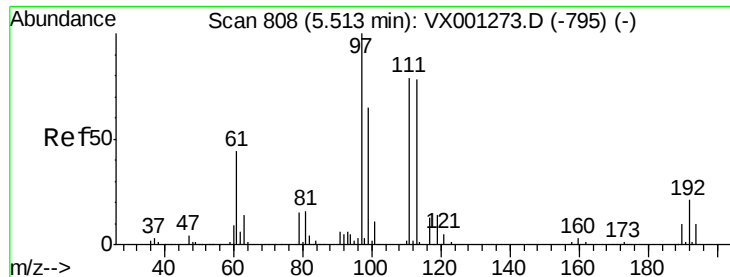


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.50 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

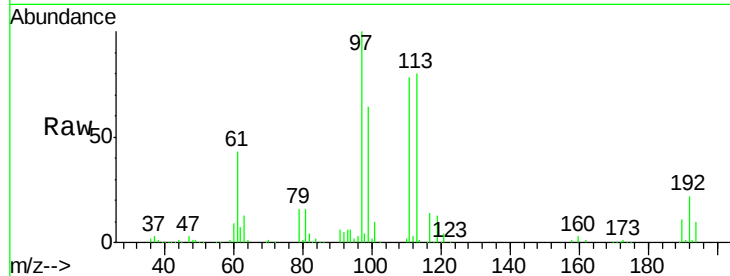
Tgt Ion:113 Resp: 103997

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

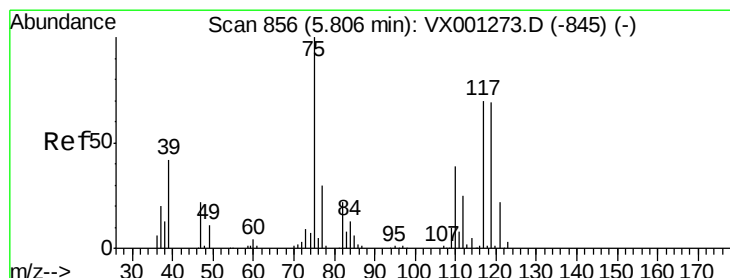
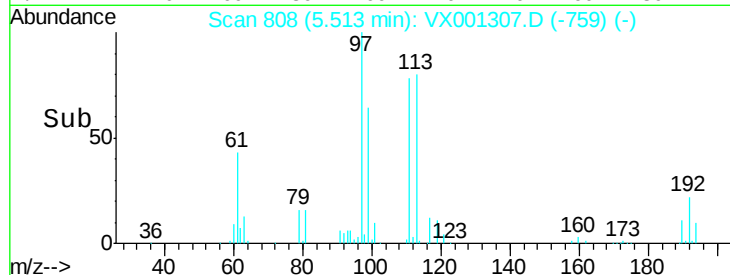
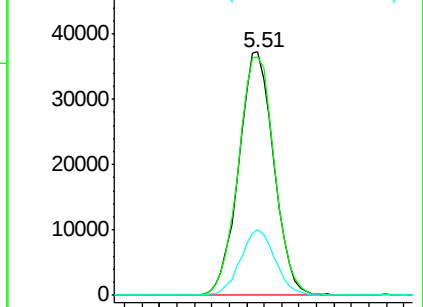
192 26.6 20.7 31.1



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: 48.55 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

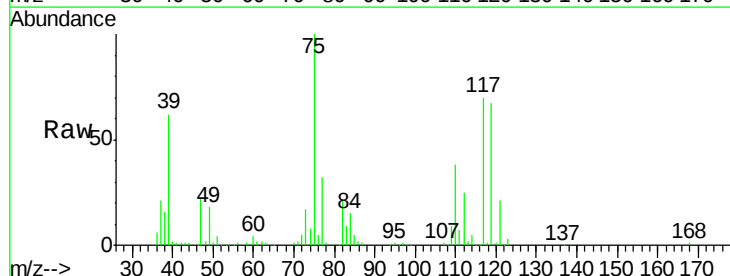
Tgt Ion: 75 Resp: 131316

Ion Ratio Lower Upper

75 100

110 37.9 18.9 56.9

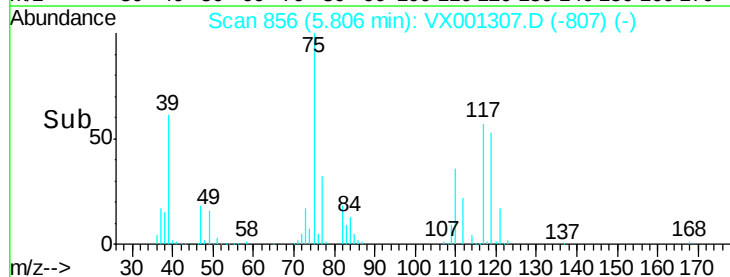
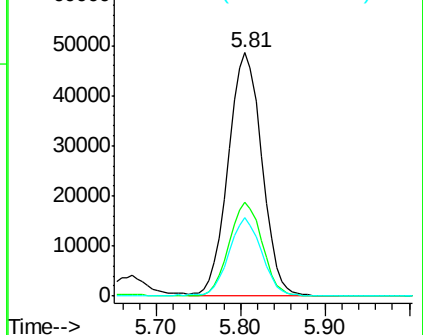
77 31.4 24.2 36.2

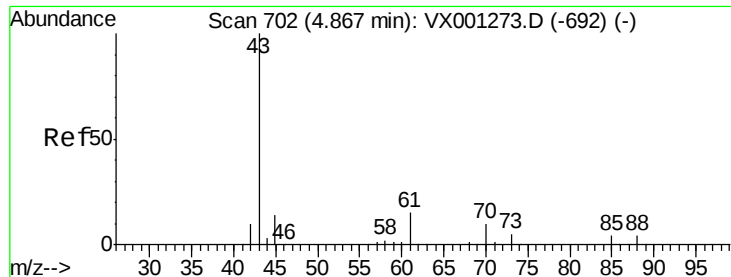


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

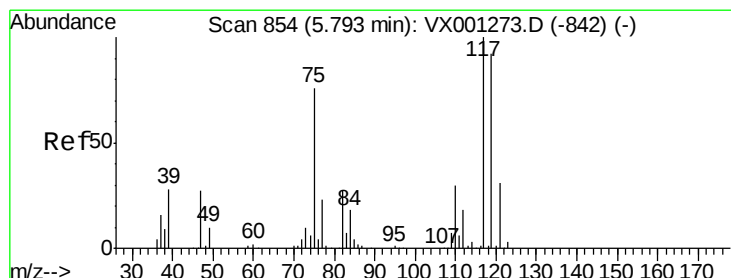
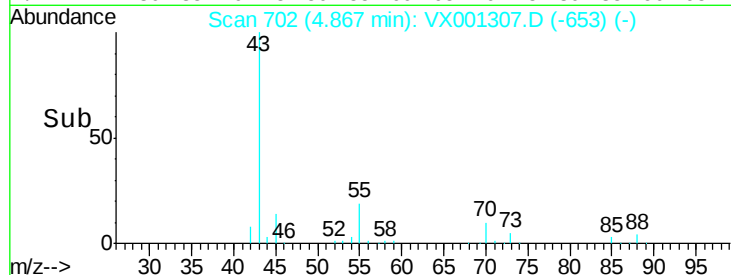
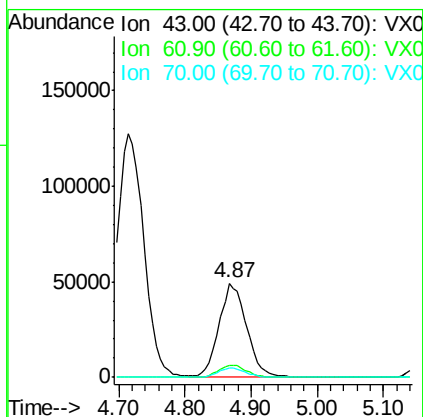
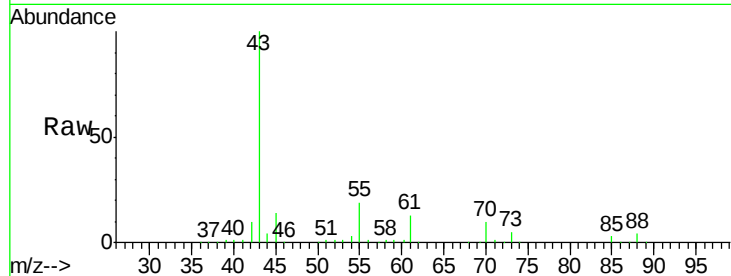




#37
Ethyl Acetate
Concen: 51.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

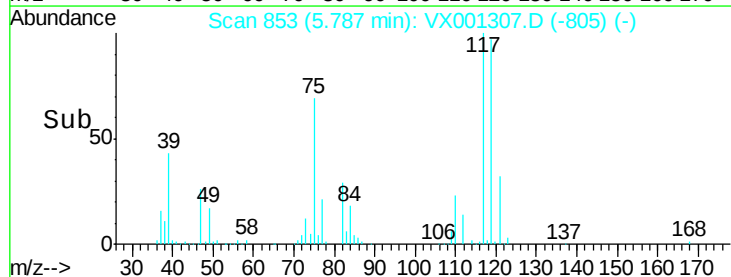
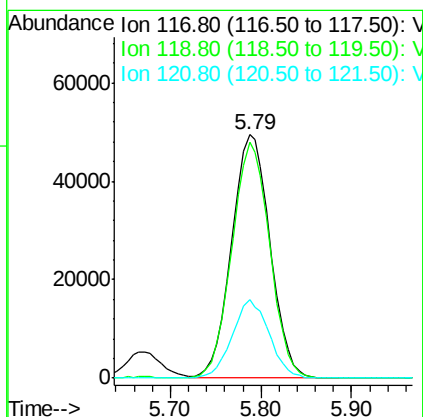
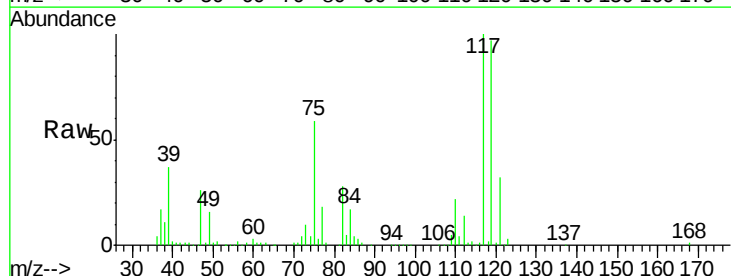
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 141366
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 10.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 51.41 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion: 117 Resp: 145699
Ion Ratio Lower Upper
117 100
119 96.6 73.4 110.2
121 32.0 25.0 37.4

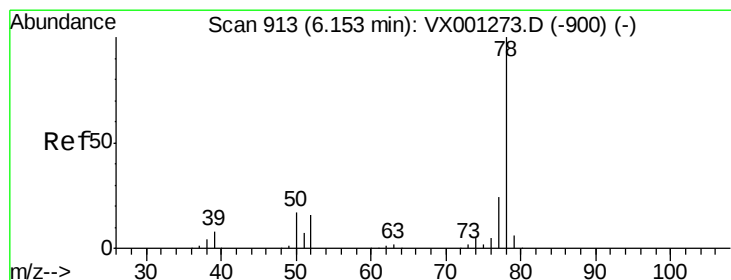
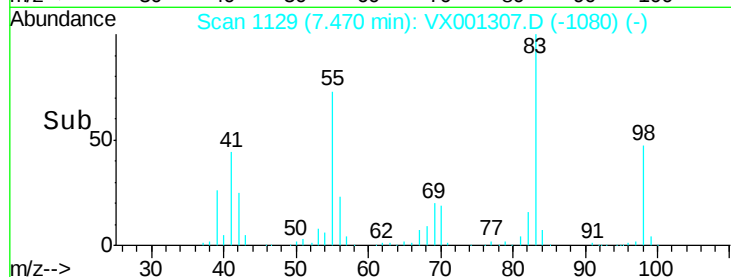
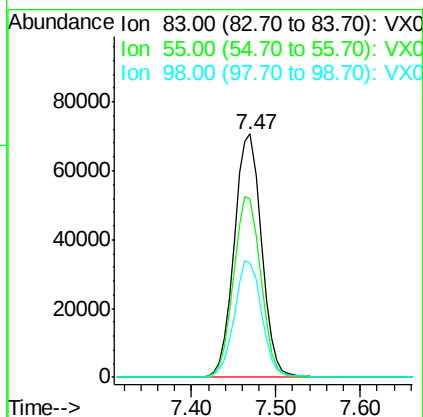
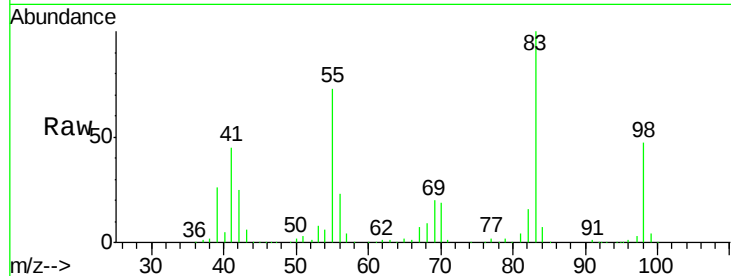




#39
Methylcyclohexane
Concen: 48.44 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

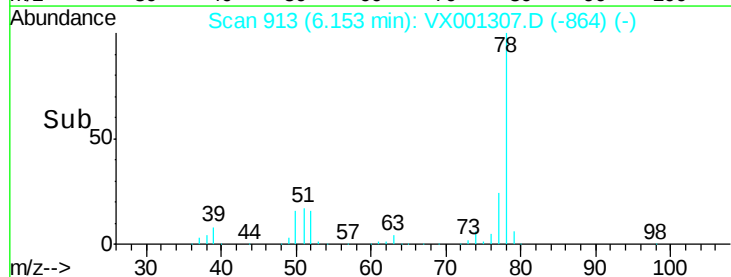
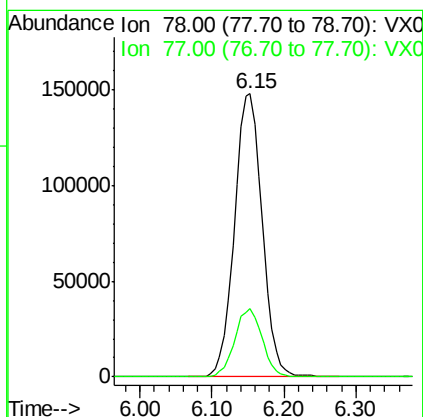
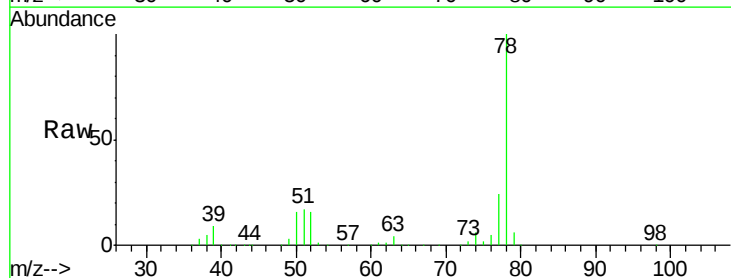
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

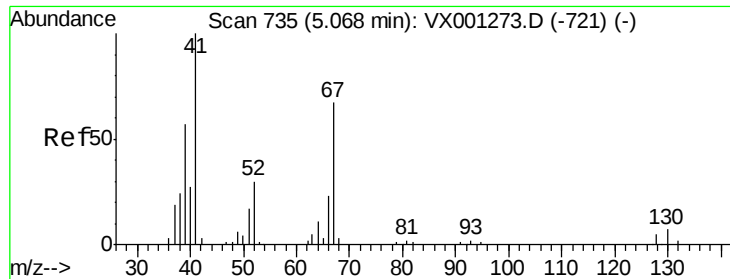
Tgt Ion: 83 Resp: 154957
Ion Ratio Lower Upper
83 100
55 73.0 60.4 90.6
98 46.7 37.0 55.6



#40
Benzene
Concen: 50.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion: 78 Resp: 395343
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

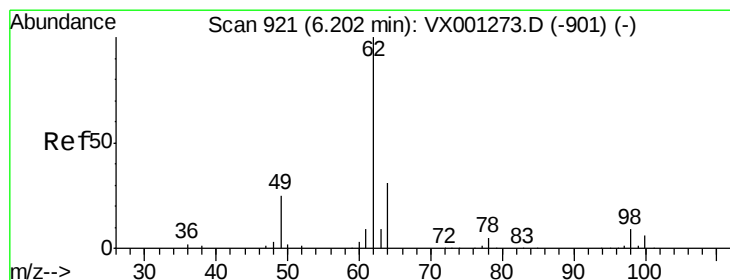
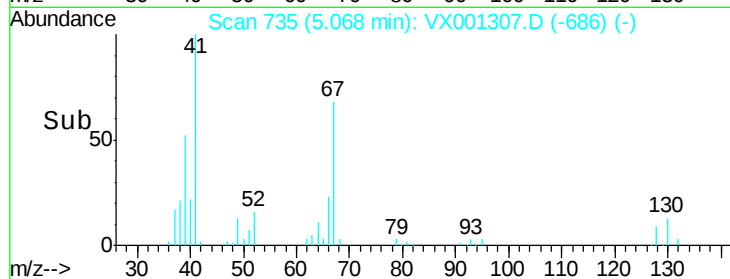
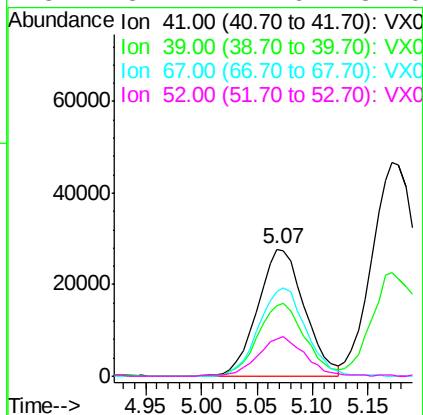
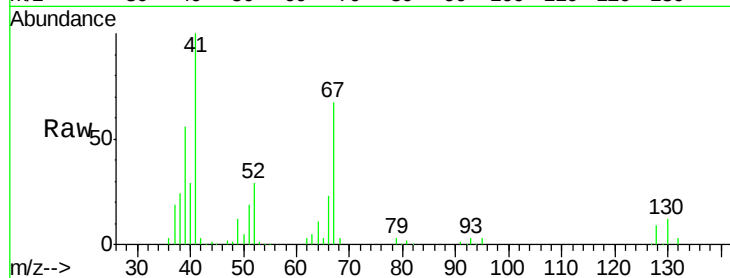




#41
Methacrylonitrile
Concen: 50.89 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

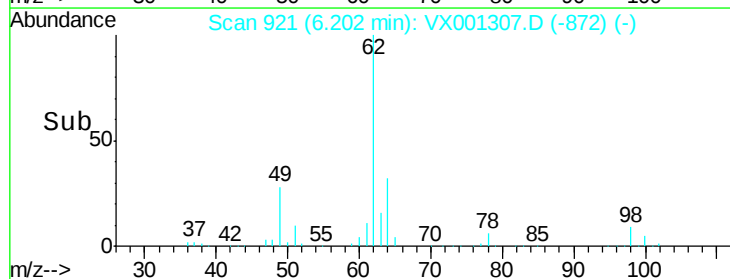
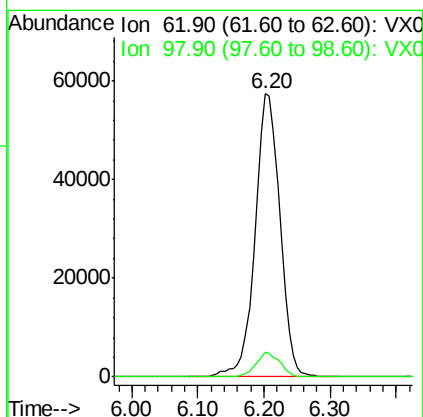
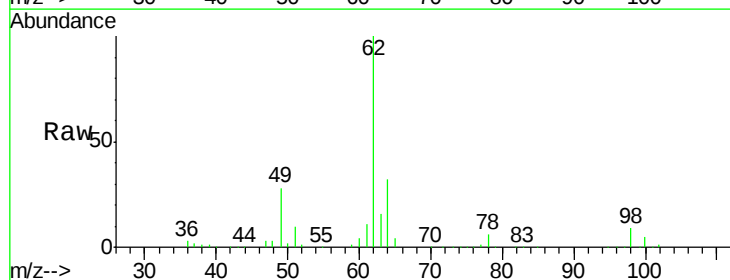
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

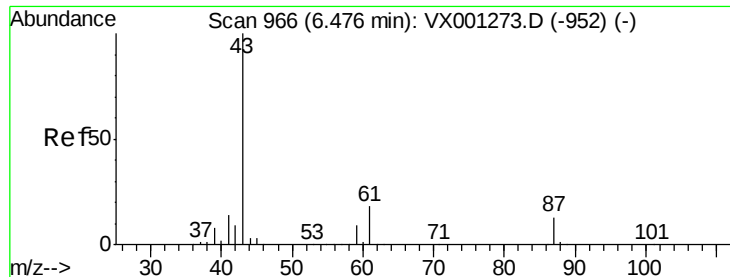
Tgt Ion:	41	Resp:	80963
Ion	Ratio	Lower	Upper
41	100		
39	57.3	45.8	68.8
67	70.4	54.8	82.2
52	31.2	24.6	37.0



#42
1,2-Dichloroethane
Concen: 50.03 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion:	62	Resp:	150723
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 51.99 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

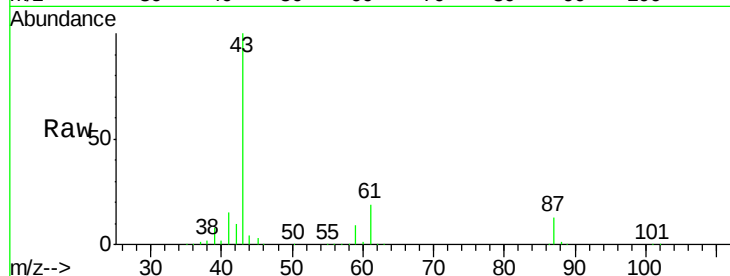
Tgt Ion: 43 Resp: 229918

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

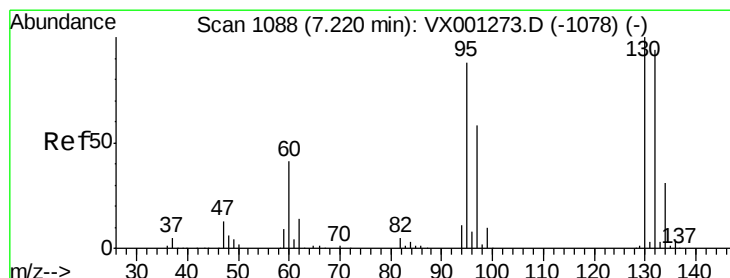
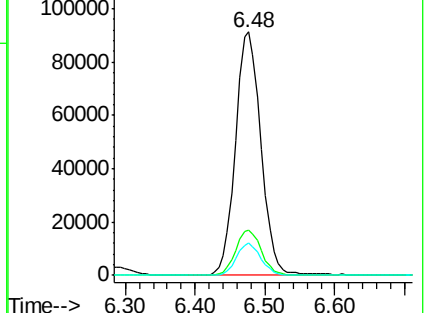
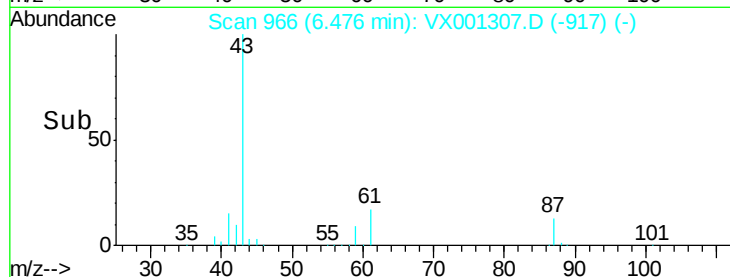
87 13.1 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX001307.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX001307.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX001307.D (-917) (-)



#44

Trichloroethene

Concen: 50.35 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001307.D

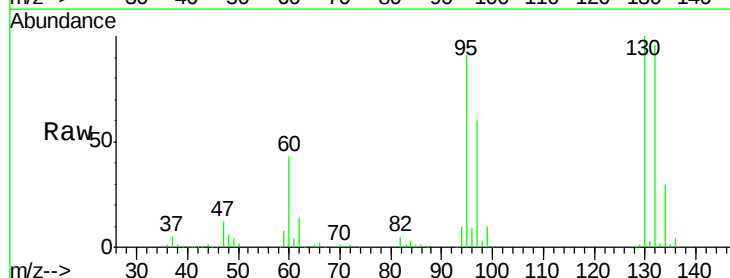
Acq: 02 May 2018 05:13

Tgt Ion: 130 Resp: 119936

Ion Ratio Lower Upper

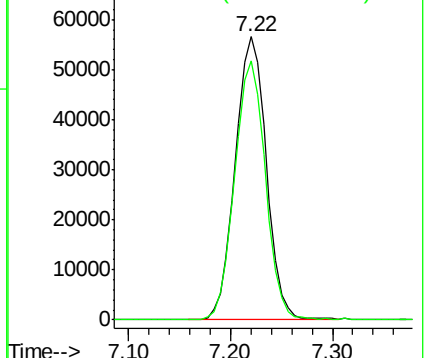
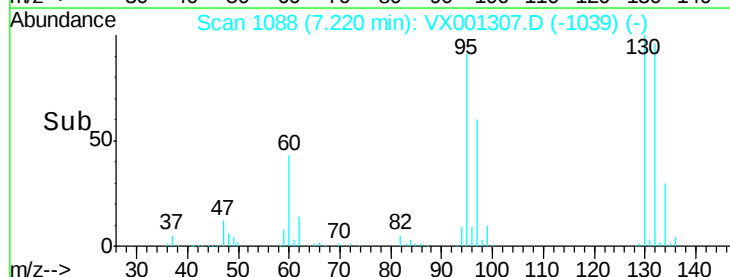
130 100

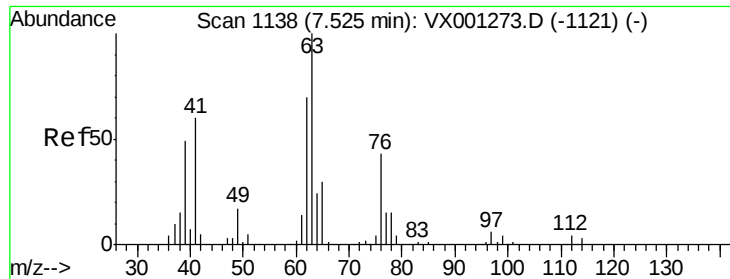
95 91.5 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): VX001307.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX001307.D (-1039) (-)

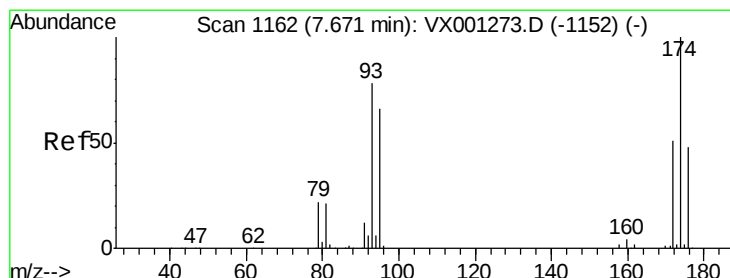
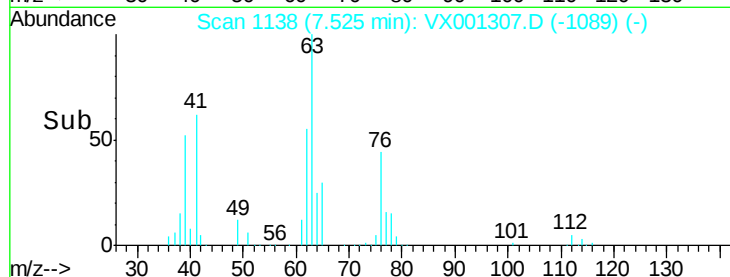
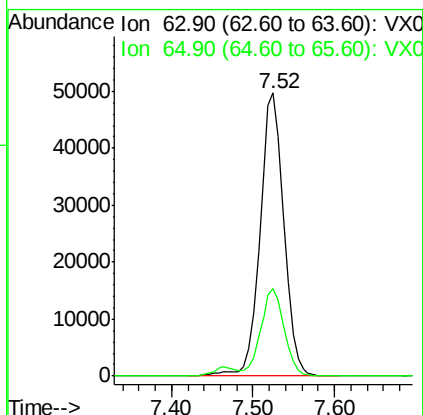
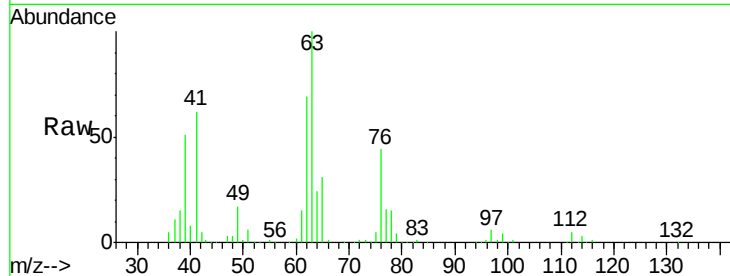




#45
 1,2-Dichloropropane
 Concen: 50.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

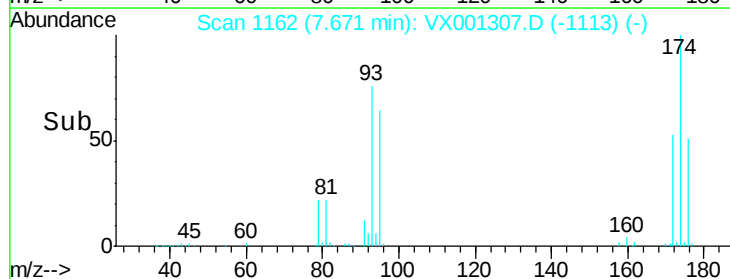
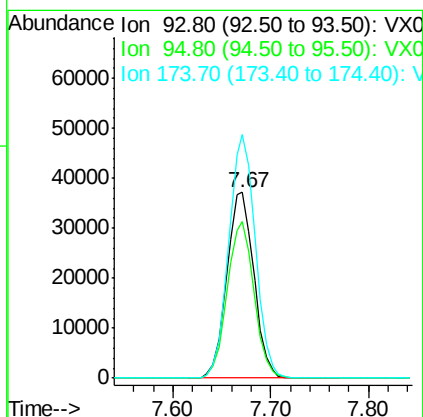
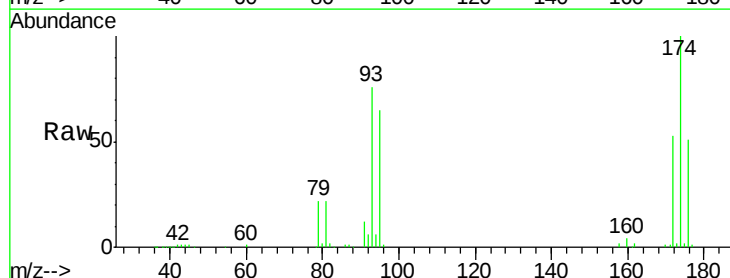
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

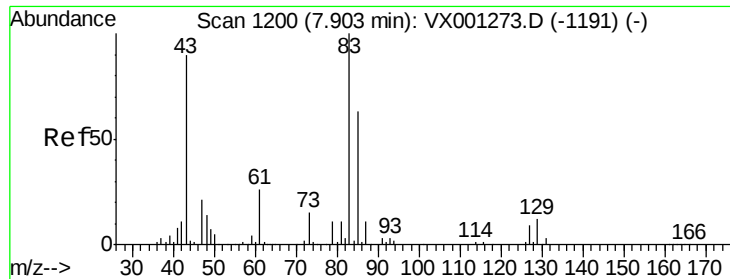
Tgt Ion: 63 Resp: 101644
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.4



#46
 Dibromomethane
 Concen: 50.90 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion: 93 Resp: 71300
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.6
 174 128.8 102.3 153.5





#47

Bromodichloromethane

Concen: 53.03 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

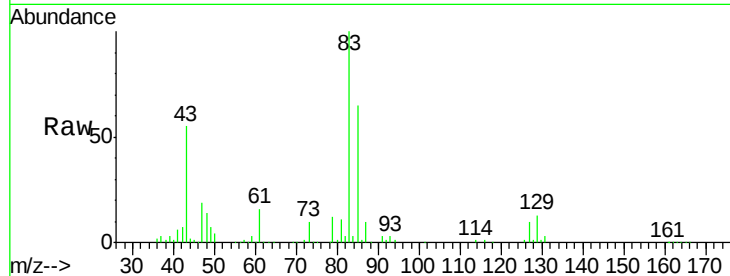
Tgt Ion: 83 Resp: 132815

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

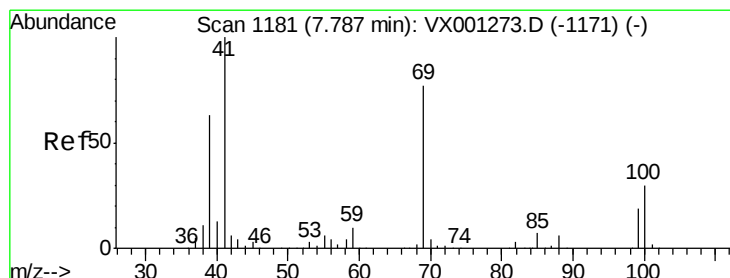
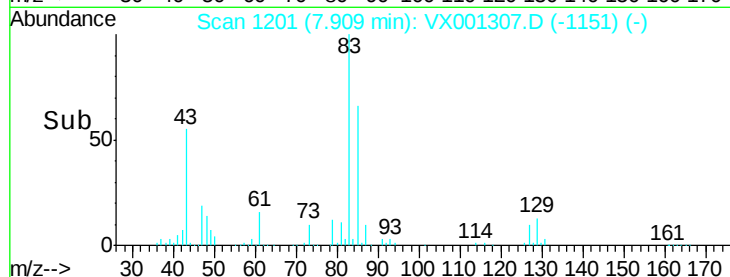
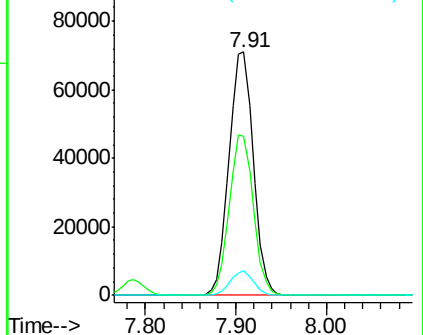
127 10.0 7.4 11.2



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: 52.11 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

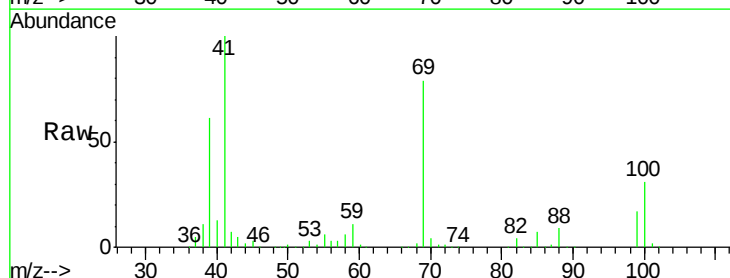
Tgt Ion: 41 Resp: 122485

Ion Ratio Lower Upper

41 100

69 79.4 63.0 94.6

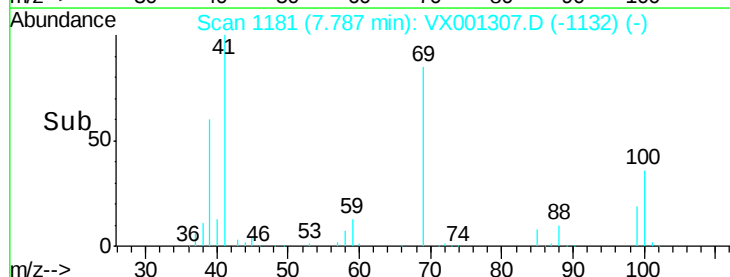
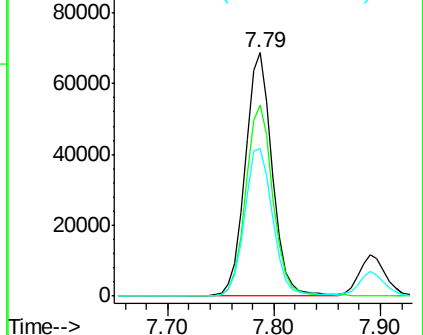
39 63.2 50.2 75.4

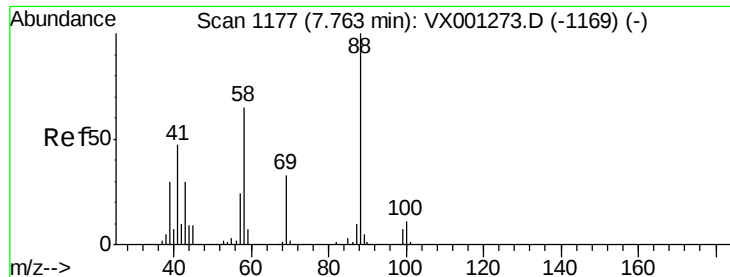


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1182.03 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

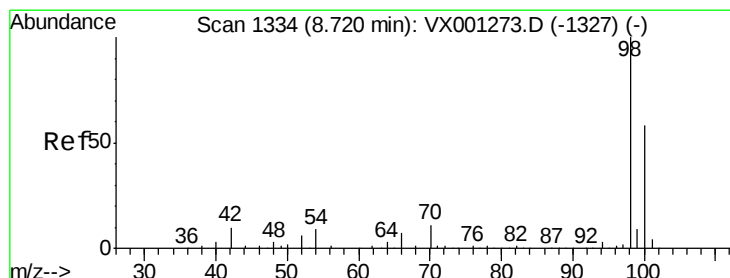
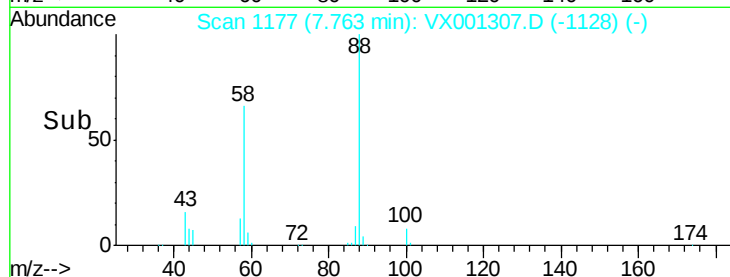
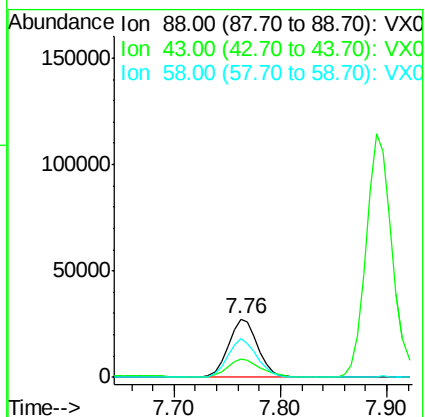
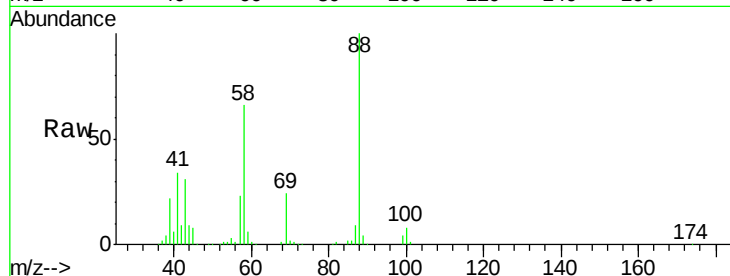
Tgt Ion: 88 Resp: 52436

Ion Ratio Lower Upper

88 100

43 34.3 27.9 41.9

58 66.8 54.2 81.2



#50

Toluene-d8

Concen: 53.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001307.D

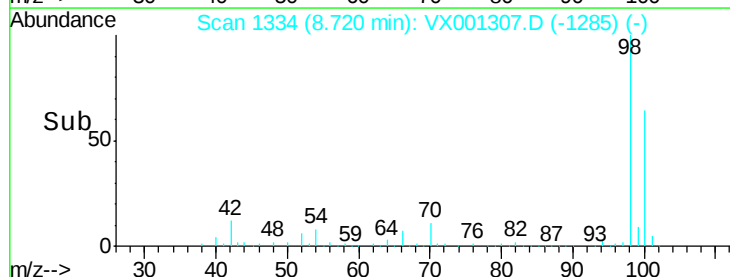
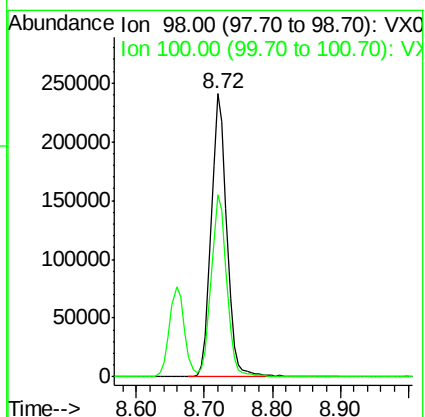
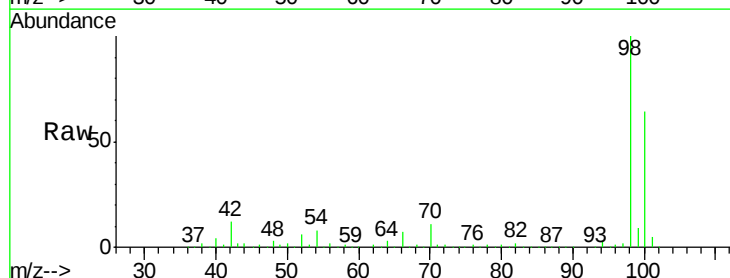
Acq: 02 May 2018 05:13

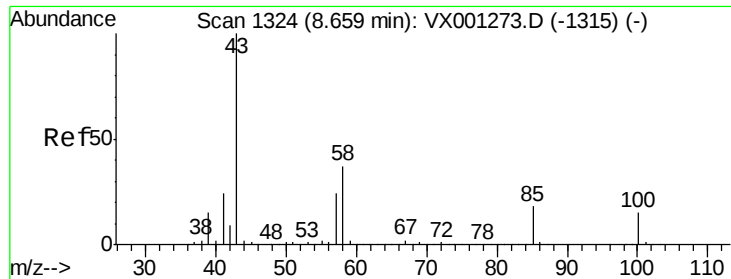
Tgt Ion: 98 Resp: 384150

Ion Ratio Lower Upper

98 100

100 64.4 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 271.85 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

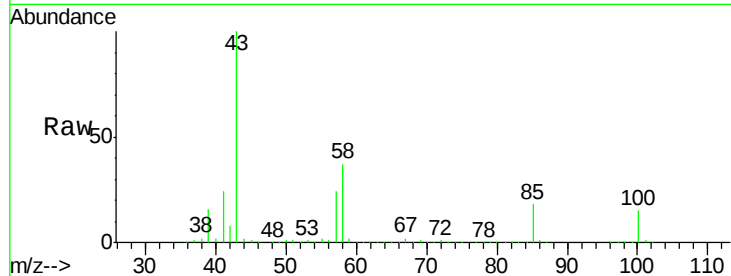
VSTDCCC050EC

Tgt Ion: 43 Resp: 775001

Ion Ratio Lower Upper

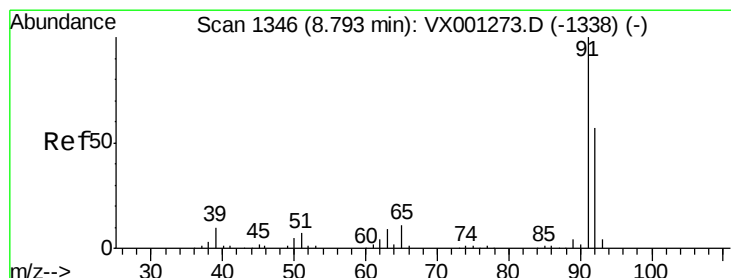
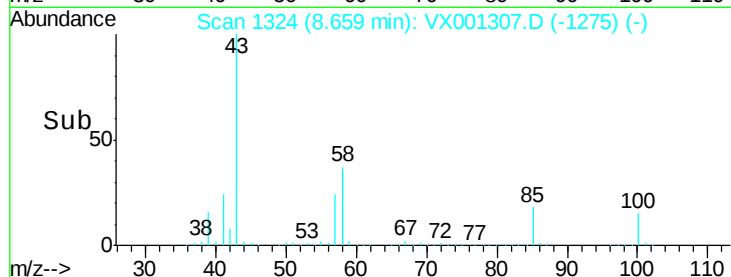
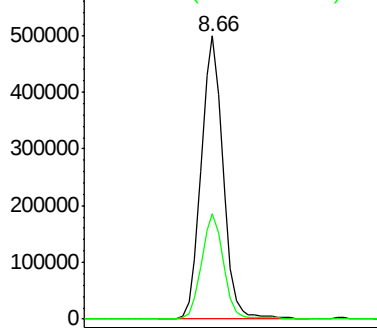
43 100

58 37.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001307.D

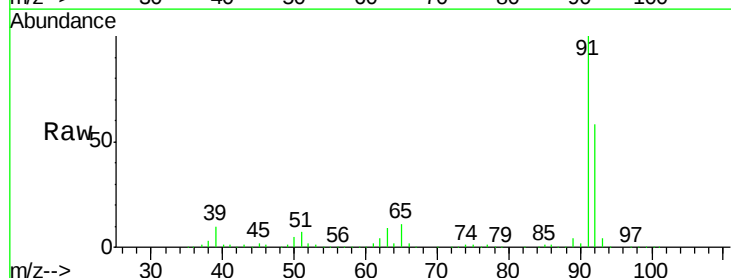
Acq: 02 May 2018 05:13

Tgt Ion: 92 Resp: 260448

Ion Ratio Lower Upper

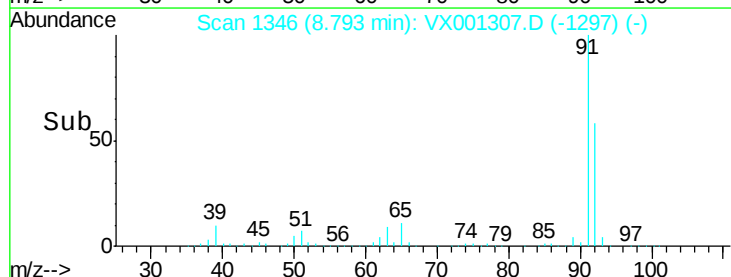
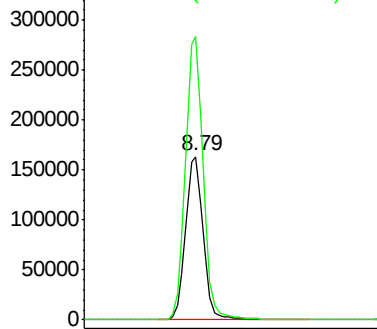
92 100

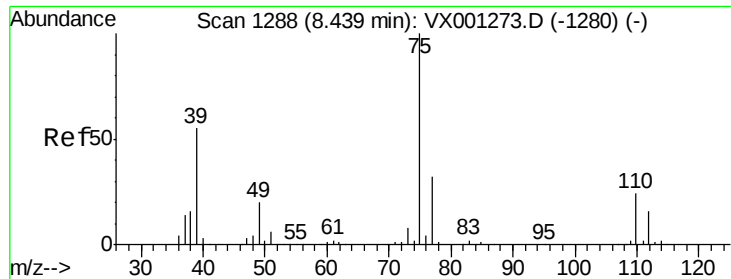
91 174.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.97 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

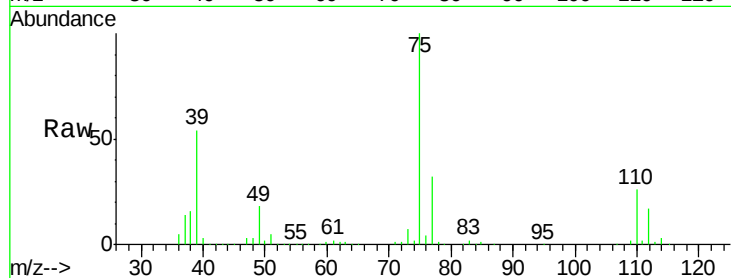
VSTDCCC050EC

Tgt Ion: 75 Resp: 148842

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

8.45

100000

80000

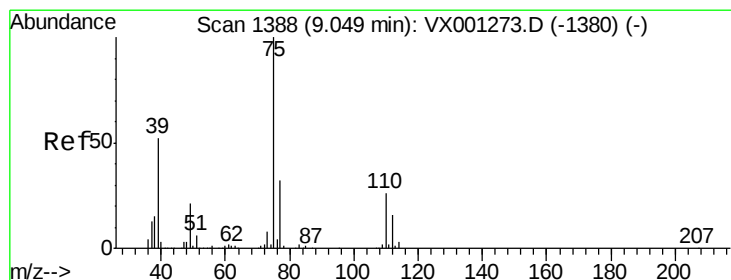
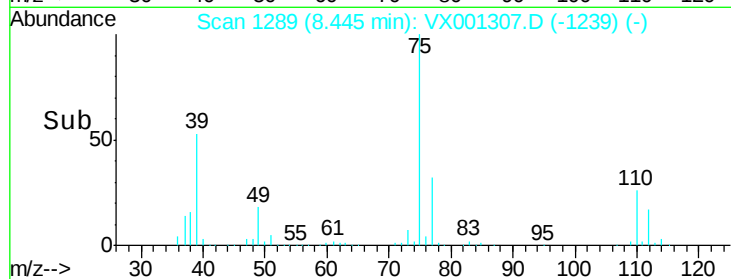
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.07 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

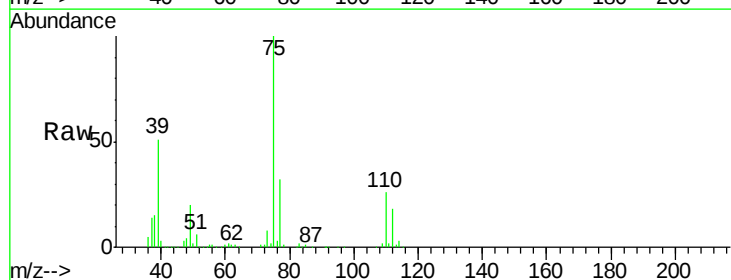
Tgt Ion: 75 Resp: 139926

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 51.0 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

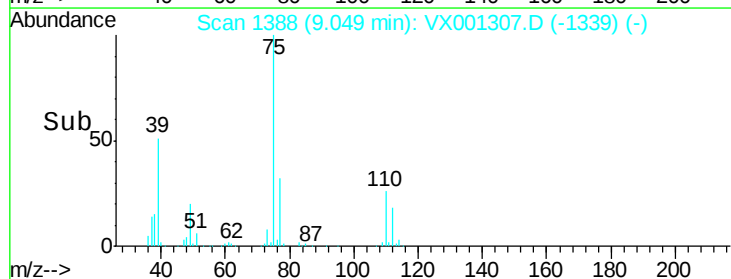
9.05

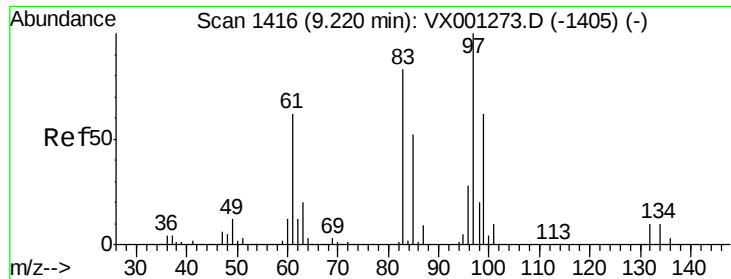
100000

50000

0

Time-->

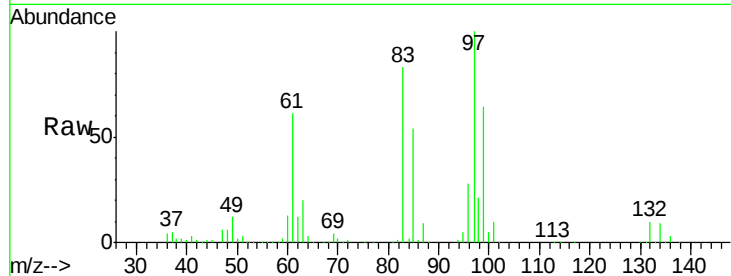




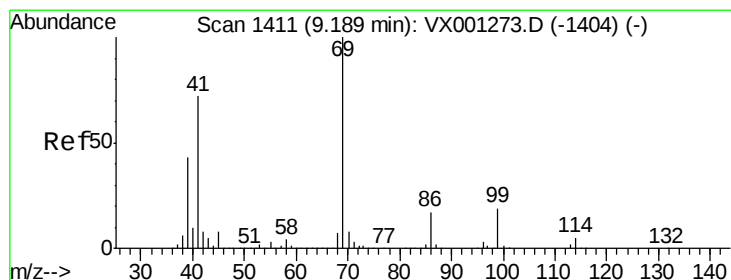
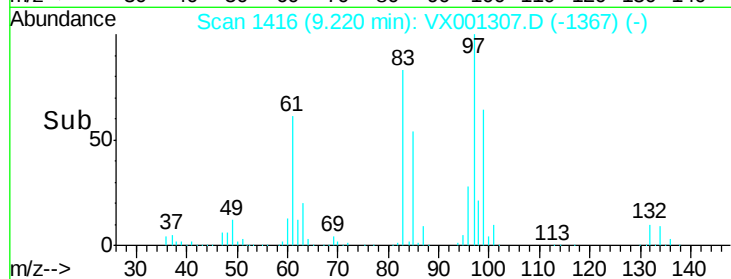
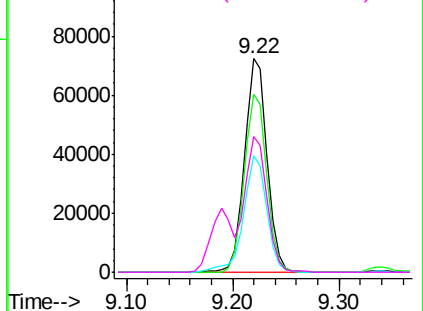
#55
 1,1,2-Trichloroethane
 Concen: 52.19 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	107234
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.4	99.6
85	54.4	41.6	62.4
99	63.5	49.3	73.9

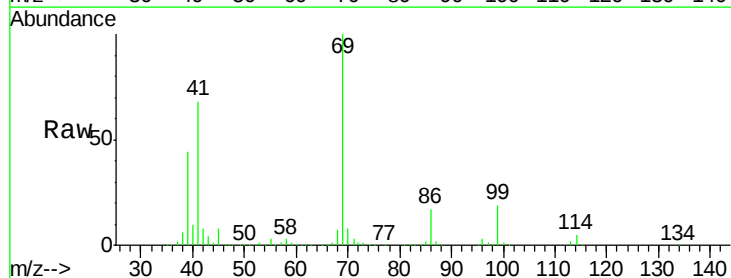


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

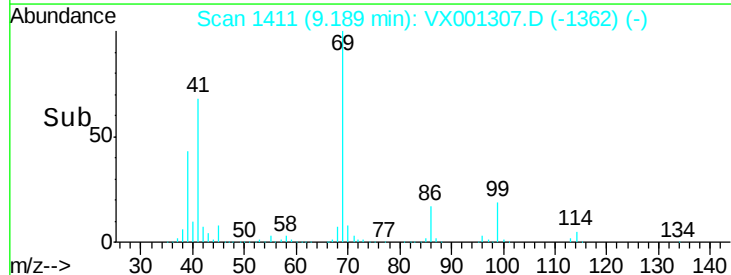
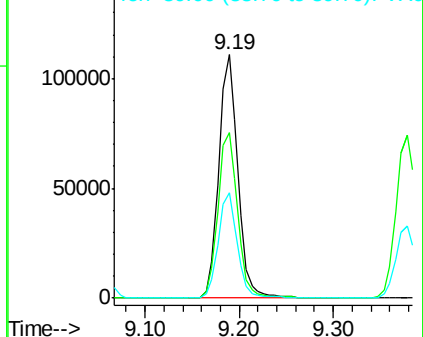


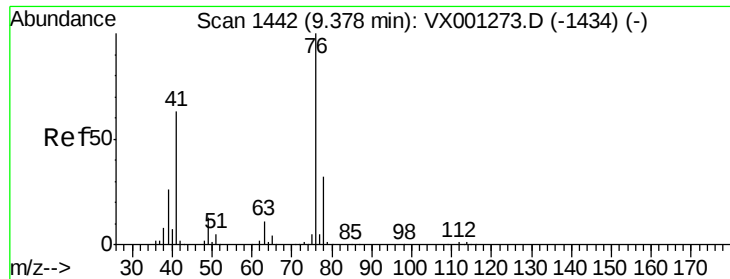
#56
 Ethyl methacrylate
 Concen: 54.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion:	69	Resp:	155847
Ion	Ratio	Lower	Upper
69	100		
41	70.1	57.2	85.8
39	43.4	34.3	51.5



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





#57

1,3-Dichloropropane

Concen: 51.89 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

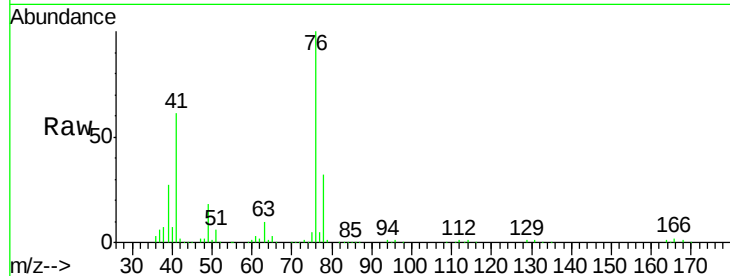
VSTDCCC050EC

Tgt Ion: 76 Resp: 171487

Ion Ratio Lower Upper

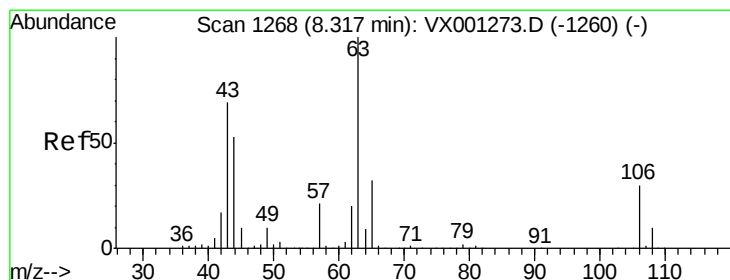
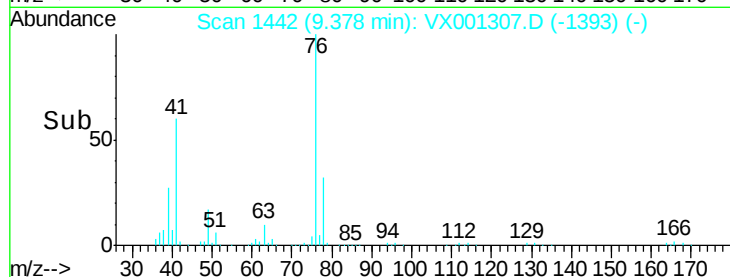
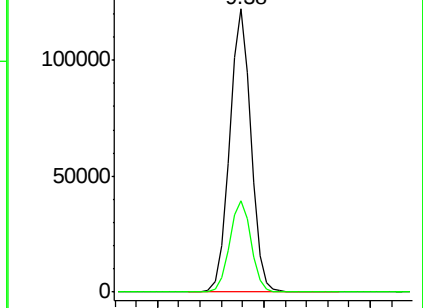
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.09 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001307.D

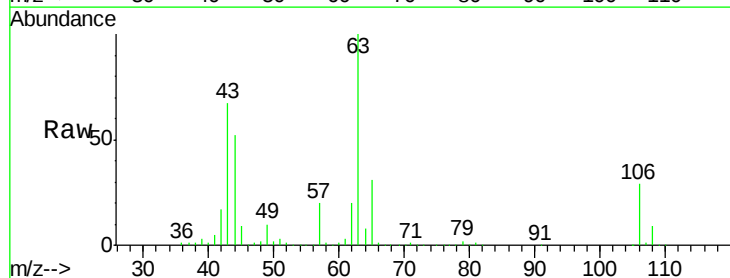
Acq: 02 May 2018 05:13

Tgt Ion: 63 Resp: 372358

Ion Ratio Lower Upper

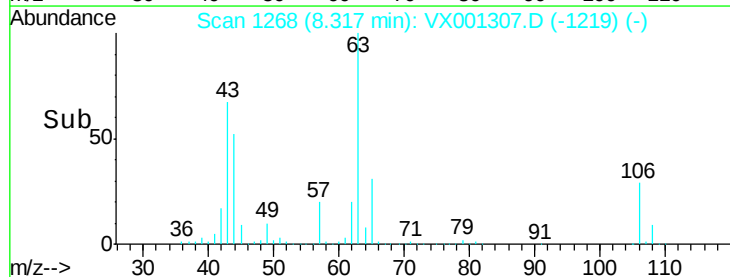
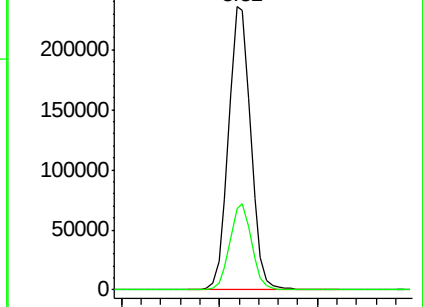
63 100

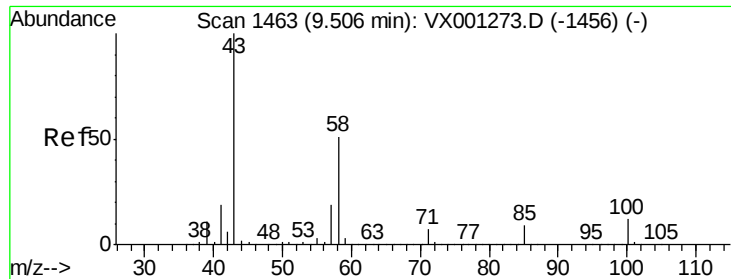
106 29.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

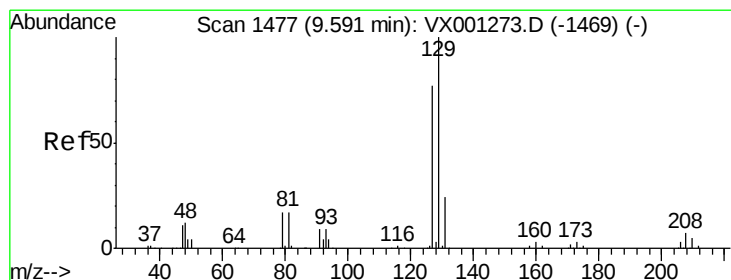
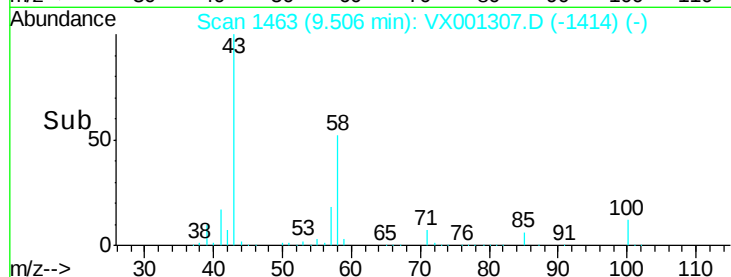
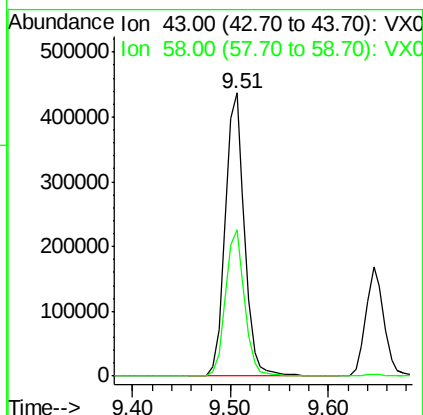
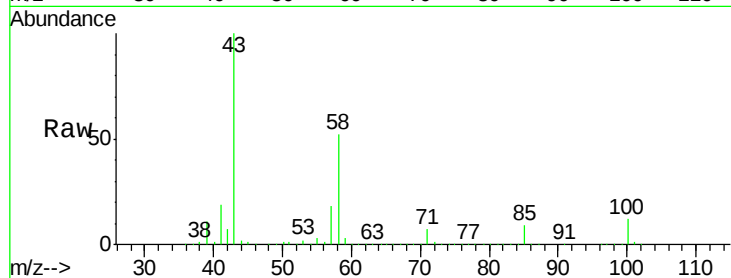




#59
2-Hexanone
Concen: 266.86 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

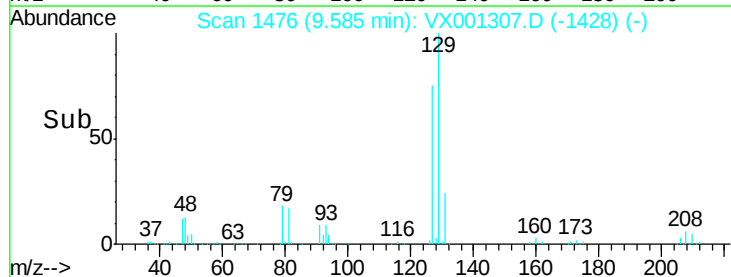
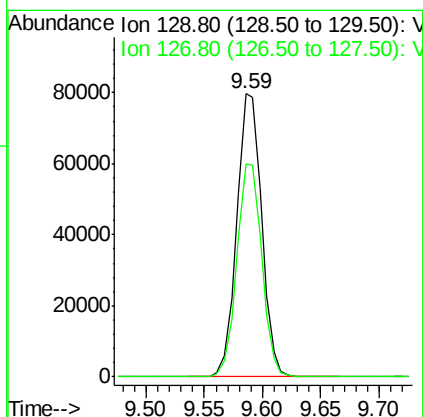
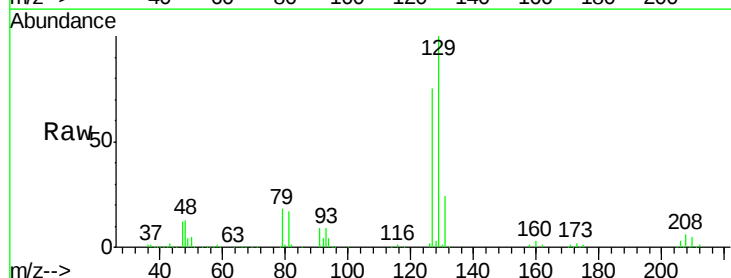
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

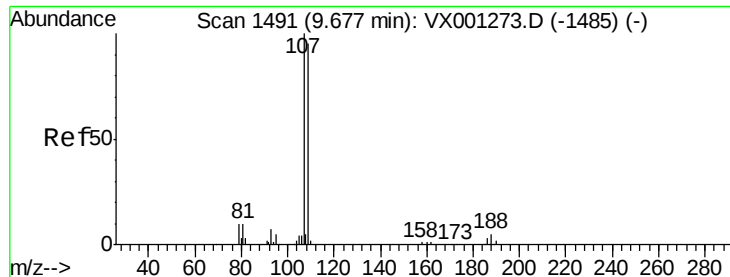
Tgt Ion: 43 Resp: 594619
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 55.47 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion: 129 Resp: 118894
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 53.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

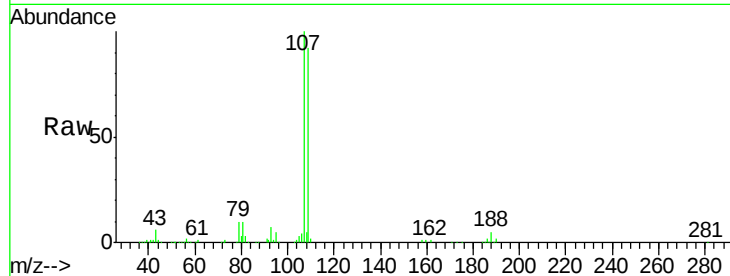
VSTDCCC050EC

Tgt Ion: 107 Resp: 116300

Ion Ratio Lower Upper

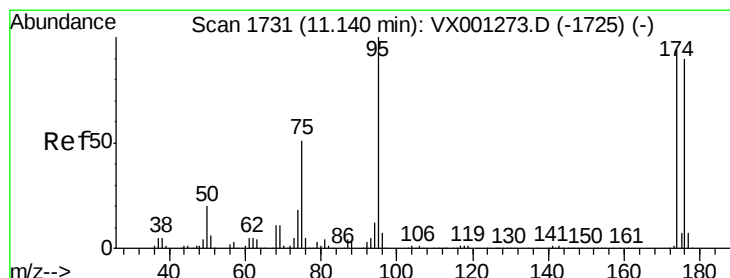
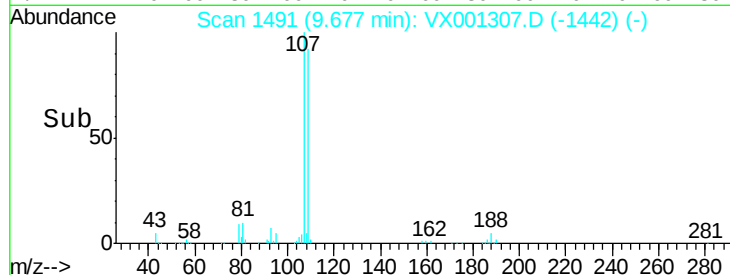
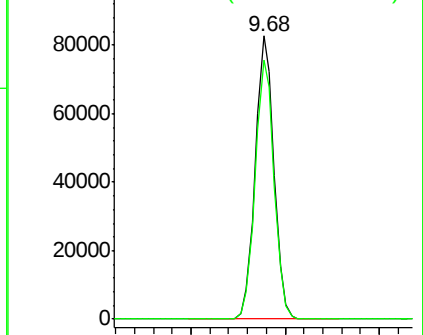
107 100

109 93.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

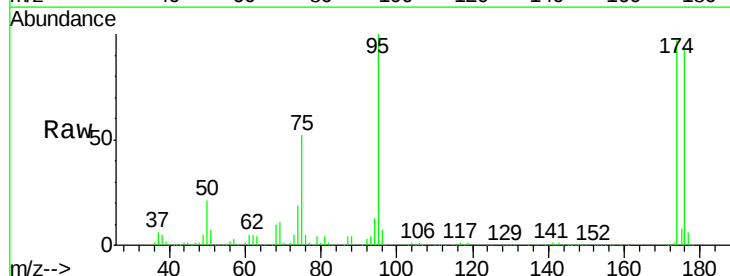
Tgt Ion: 95 Resp: 147752

Ion Ratio Lower Upper

95 100

174 103.4 0.0 201.8

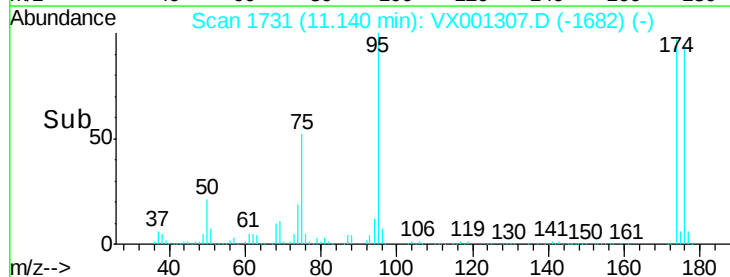
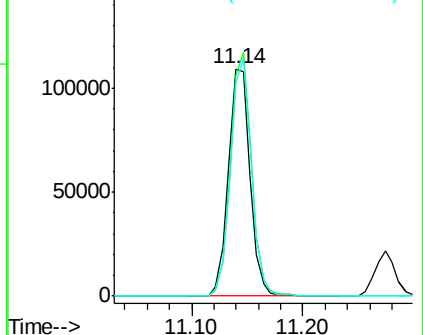
176 100.4 0.0 197.2



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

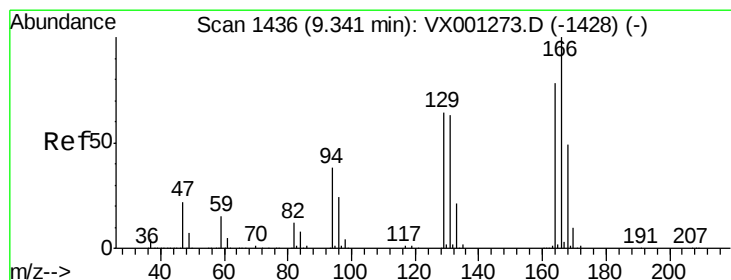
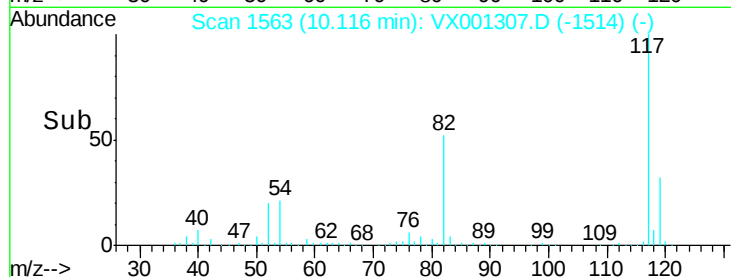
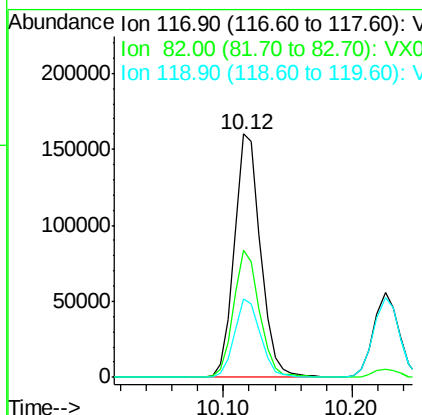
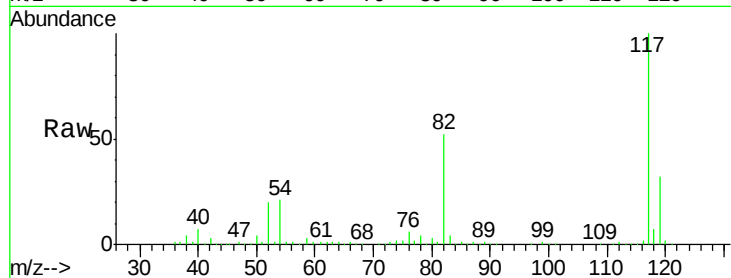




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

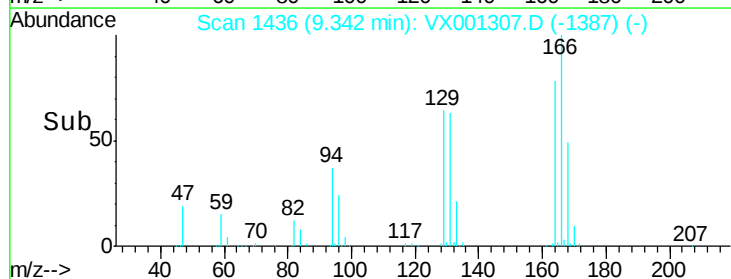
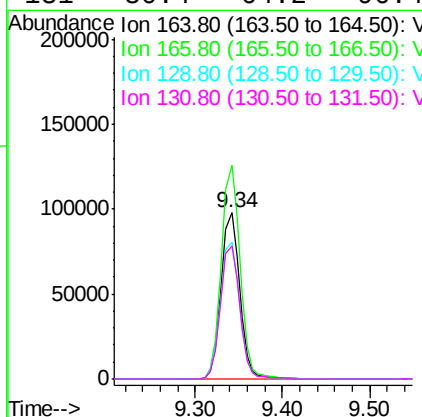
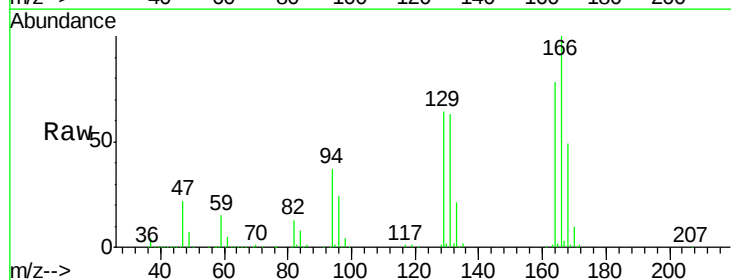
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

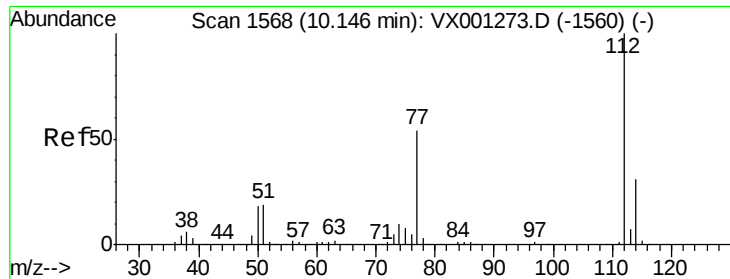
Tgt Ion:117 Resp: 227508
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.0
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 53.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion:164 Resp: 144982
Ion Ratio Lower Upper
164 100
166 128.4 102.3 153.5
129 82.4 65.1 97.7
131 80.4 64.2 96.4





#65

Chlorobenzene

Concen: 49.73 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

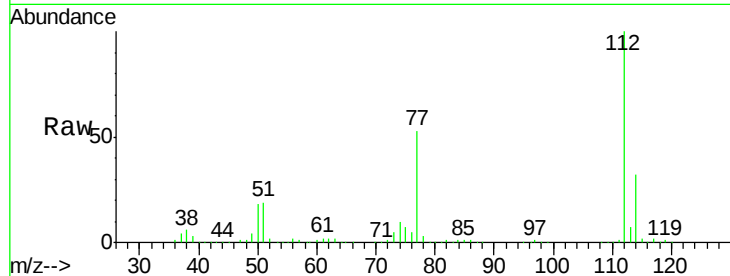
VSTDCCC050EC

Tgt Ion:112 Resp: 307724

Ion Ratio Lower Upper

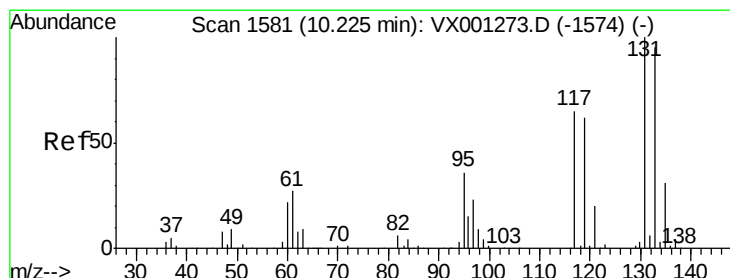
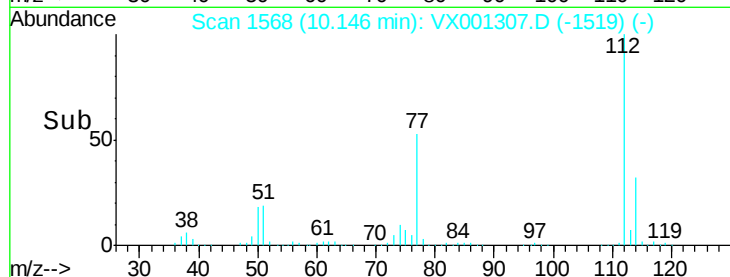
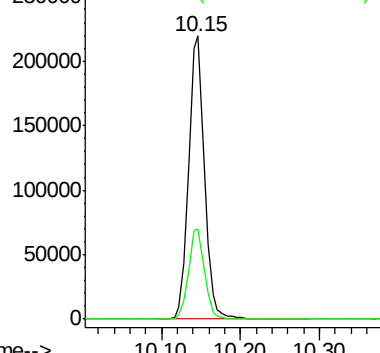
112 100

114 32.0 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.26 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

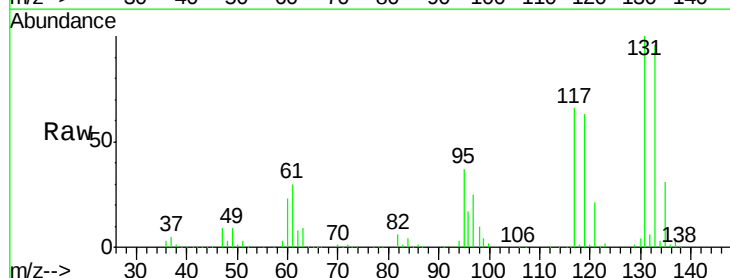
Tgt Ion:131 Resp: 114385

Ion Ratio Lower Upper

131 100

133 95.9 48.3 144.9

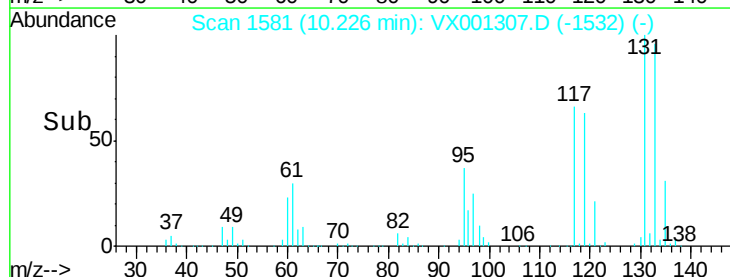
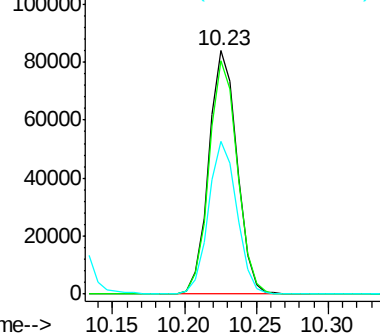
119 63.2 31.2 93.6

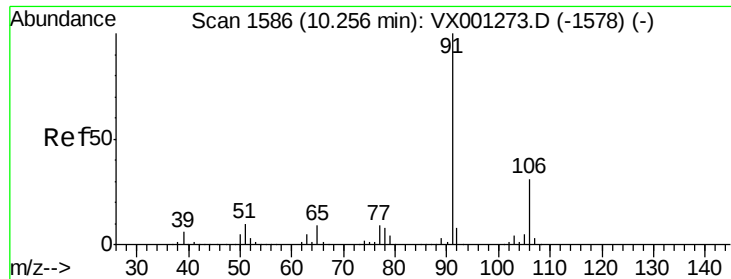


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.23 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

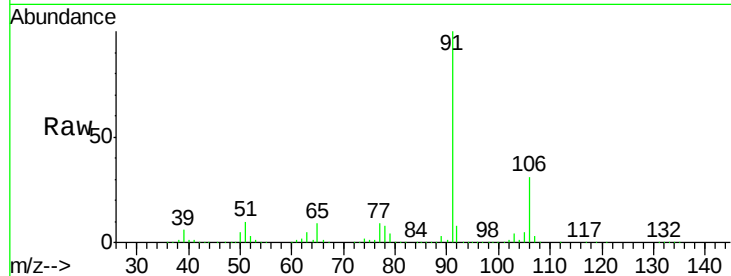
VSTDCCC050EC

Tgt Ion: 91 Resp: 512117

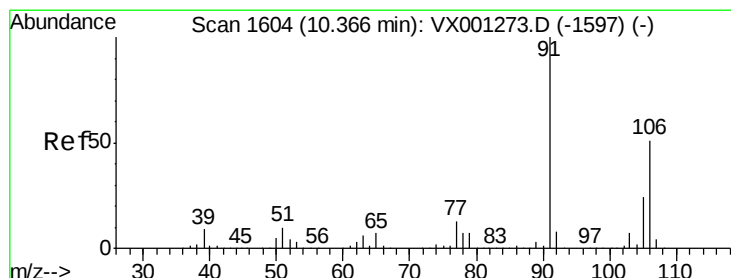
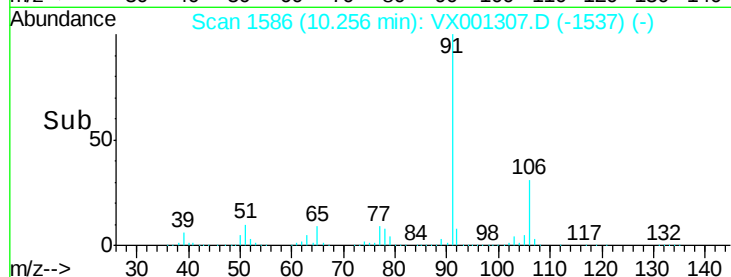
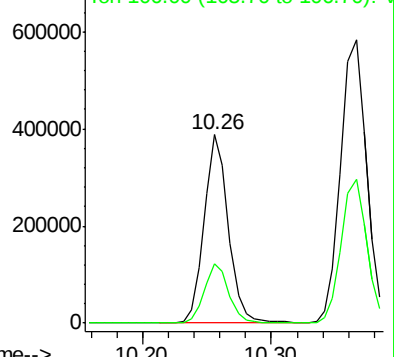
Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1578) (-)



#68

m/p-Xylenes

Concen: 102.83 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001307.D

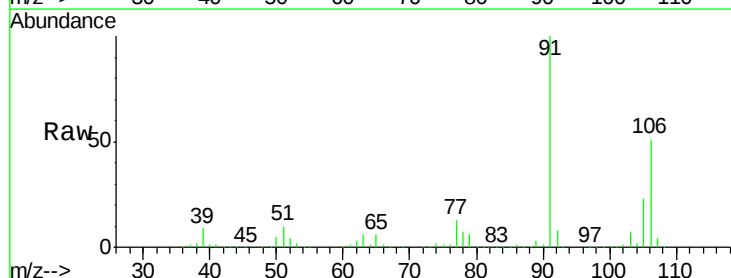
Acq: 02 May 2018 05:13

Tgt Ion: 106 Resp: 412538

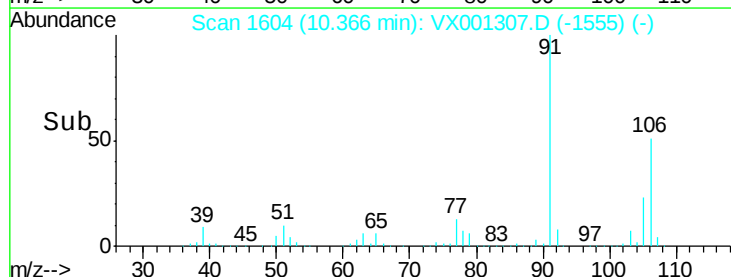
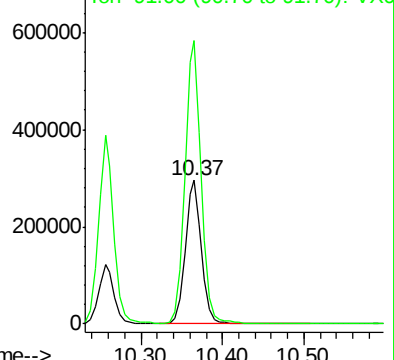
Ion Ratio Lower Upper

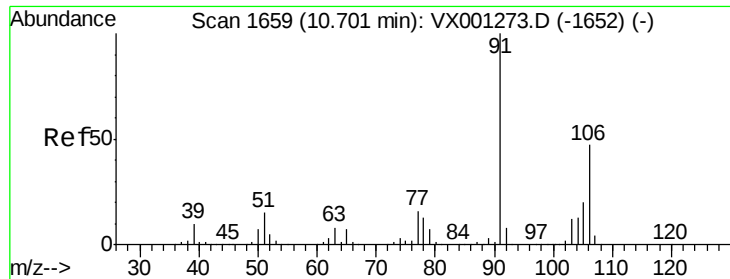
106 100

91 199.2 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX001273.D (-1597) (-)

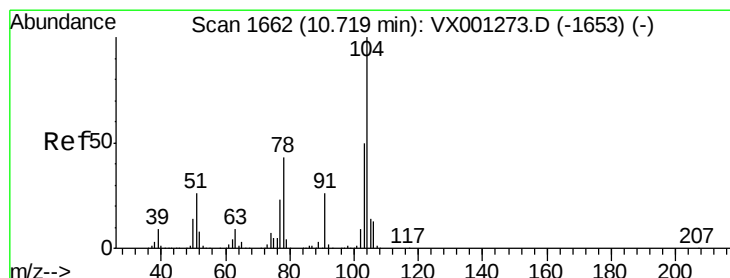
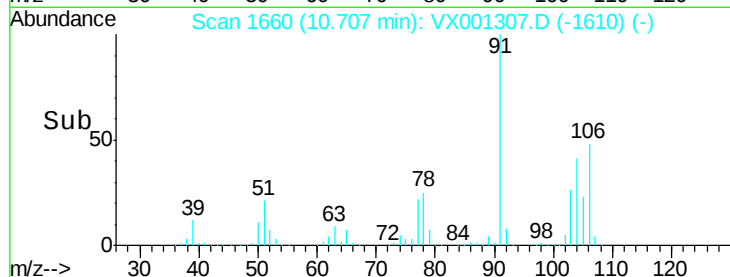
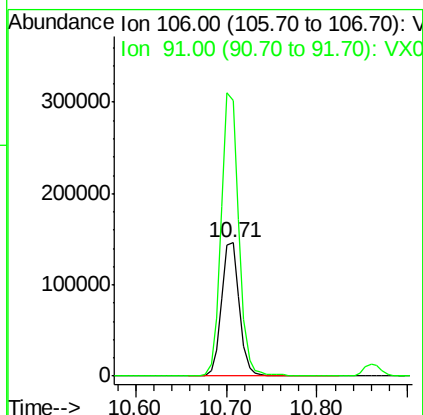
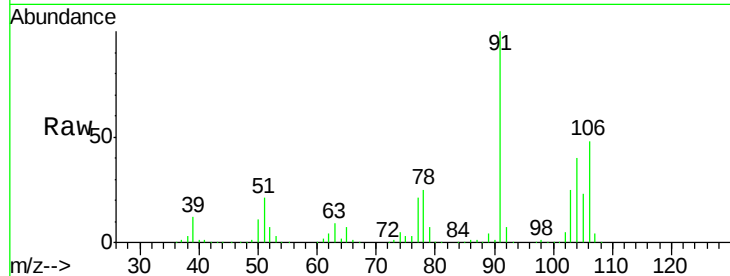




#69
o-Xylene
Concen: 51.66 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

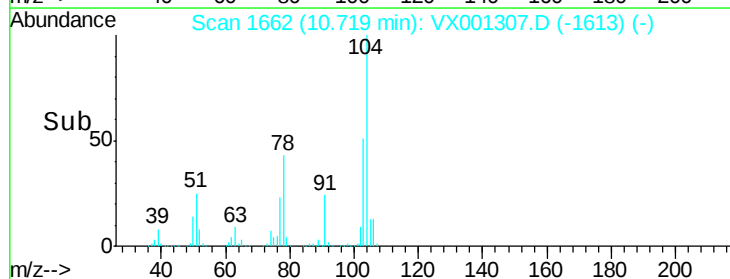
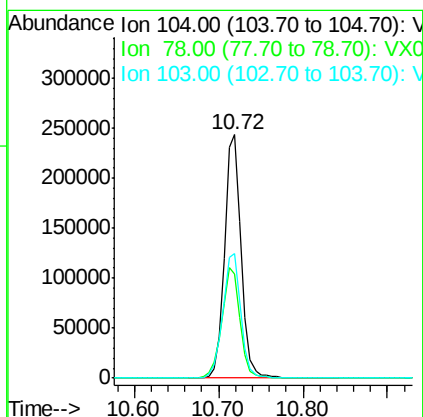
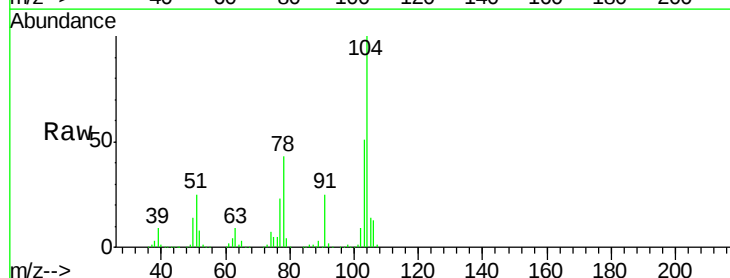
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

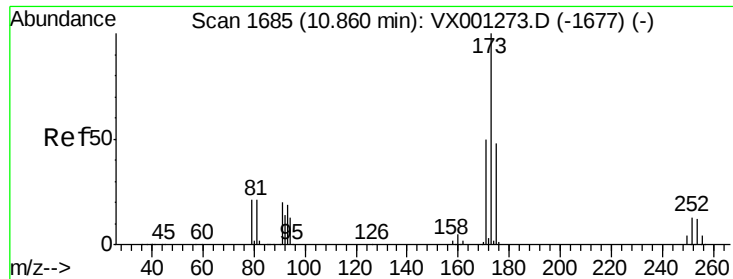
Tgt Ion:106 Resp: 201001
Ion Ratio Lower Upper
106 100
91 209.2 106.3 319.0



#70
Styrene
Concen: 51.95 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001307.D
Acq: 02 May 2018 05:13

Tgt Ion:104 Resp: 330583
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 56.1 44.5 66.7





#71

Bromoform

Concen: 47.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

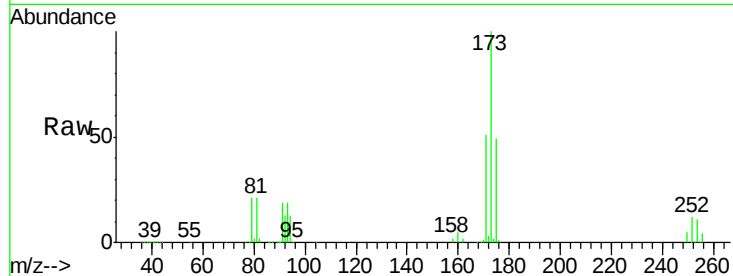
Tgt Ion:173 Resp: 97625

Ion Ratio Lower Upper

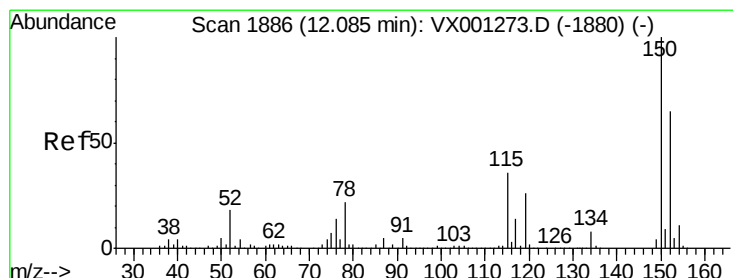
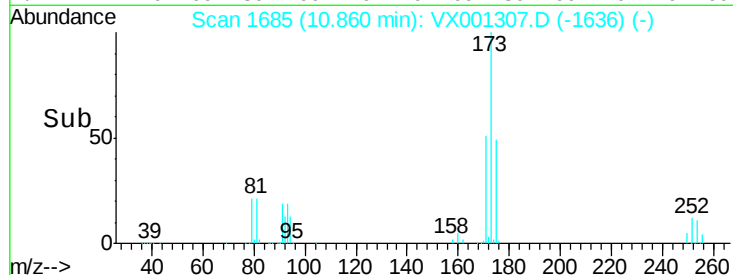
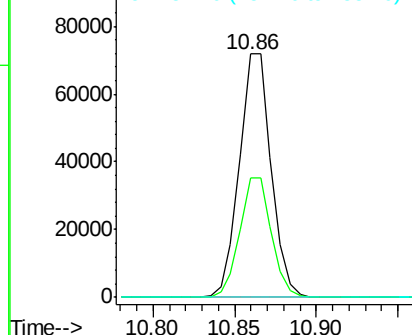
173 100

175 49.1 24.6 74.0

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

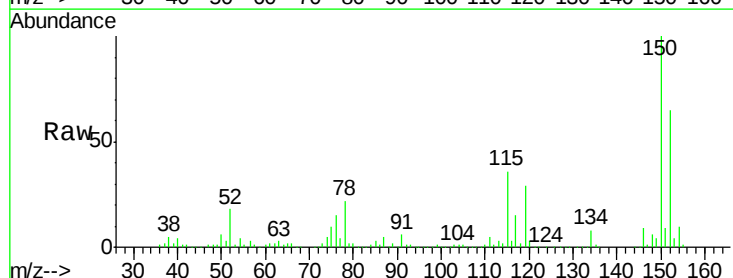
Tgt Ion:152 Resp: 161027

Ion Ratio Lower Upper

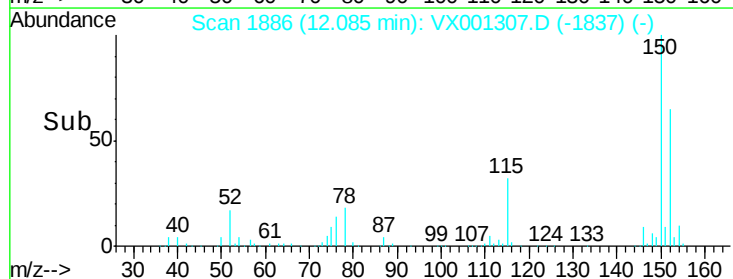
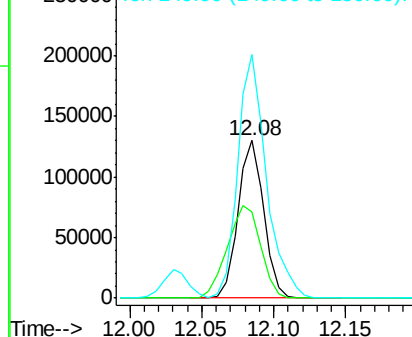
152 100

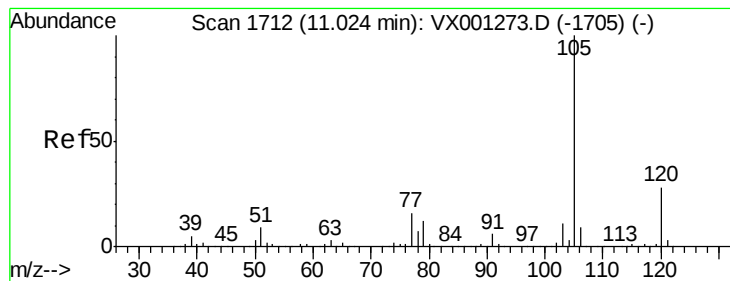
115 77.2 38.6 115.7

150 173.1 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: 49.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

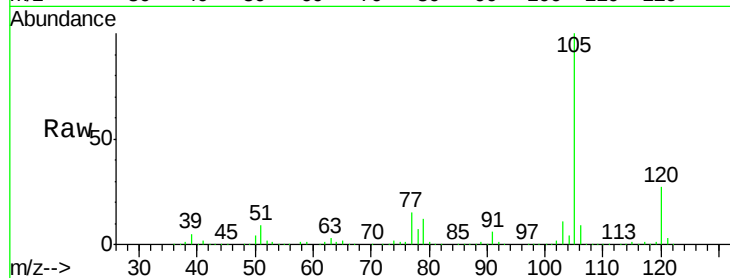
VSTDCCC050EC

Tgt Ion: 105 Resp: 536159

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

11.02

400000

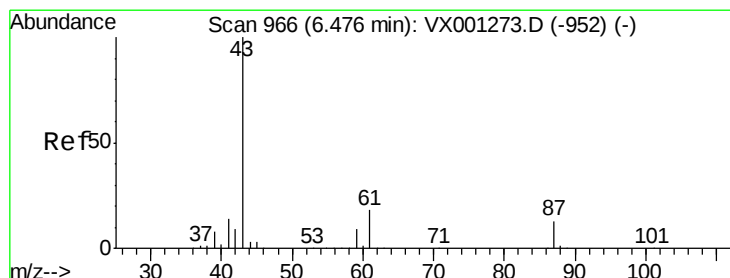
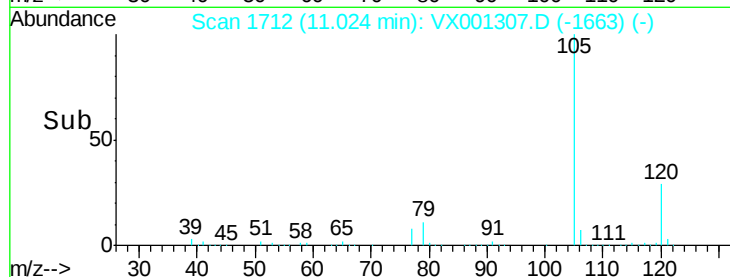
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 49.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Tgt Ion: 43 Resp: 229918

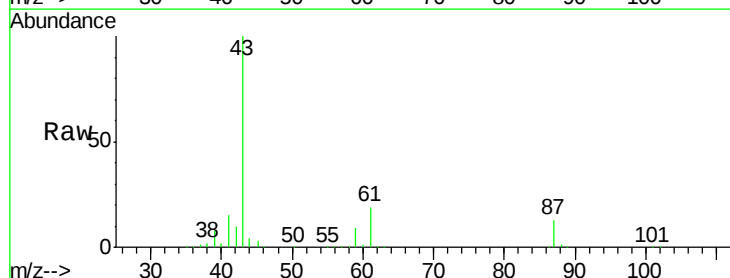
Ion Ratio Lower Upper

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

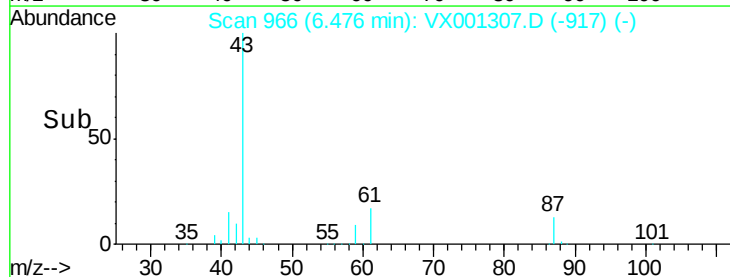
Ion 61.00 (60.70 to 61.70): VX0

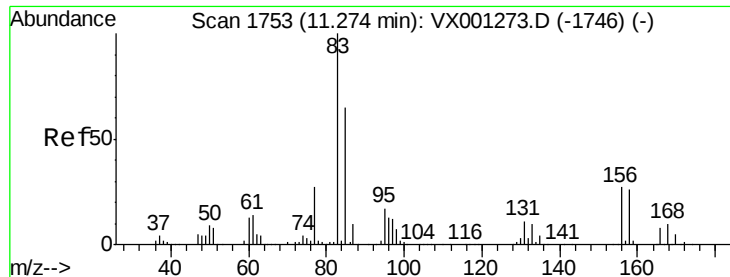
100000

50000

0

Time--> 6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 50.81 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

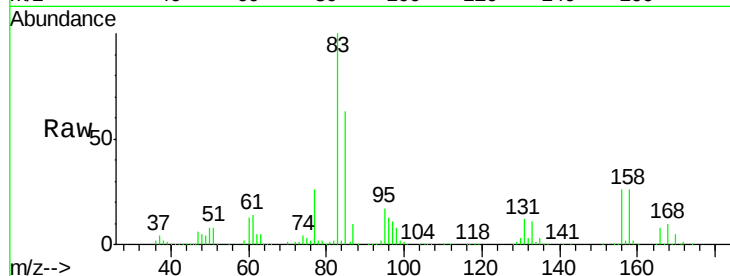
Tgt Ion: 83 Resp: 163999

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.3

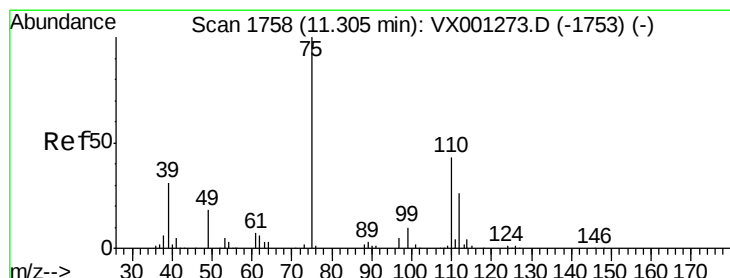
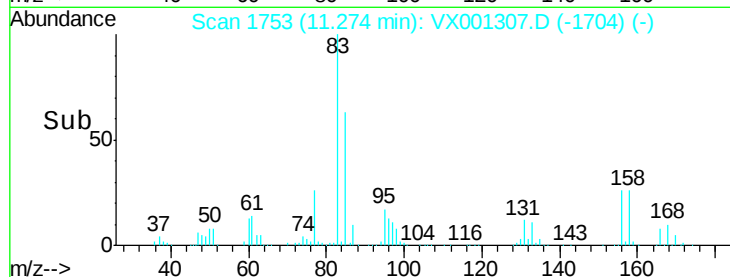
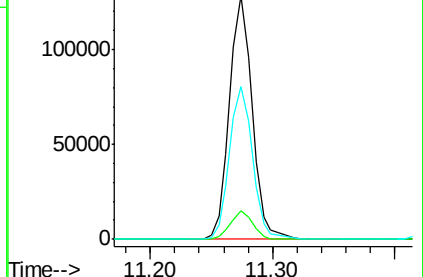
85 64.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.63 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001307.D

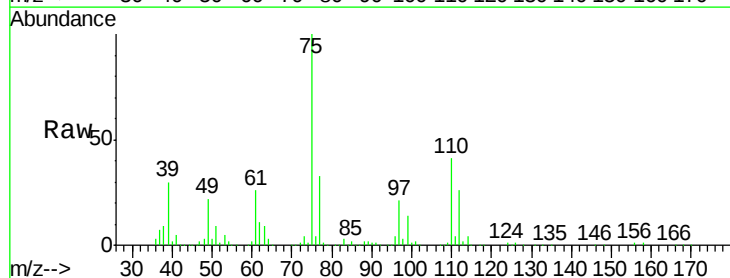
Acq: 02 May 2018 05:13

Tgt Ion: 75 Resp: 180519

Ion Ratio Lower Upper

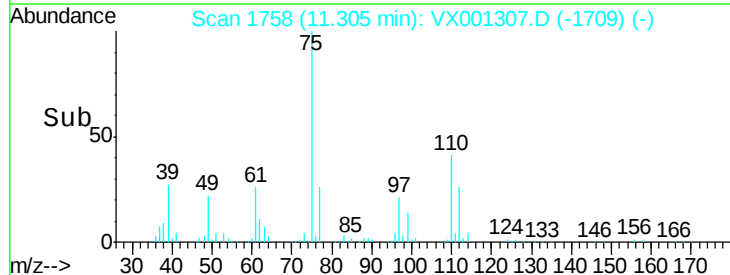
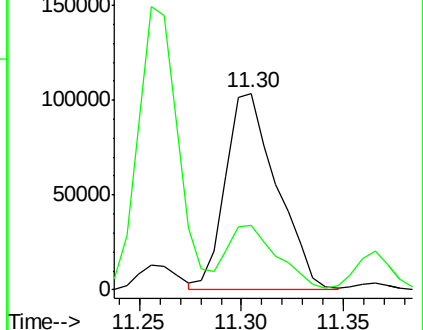
75 100

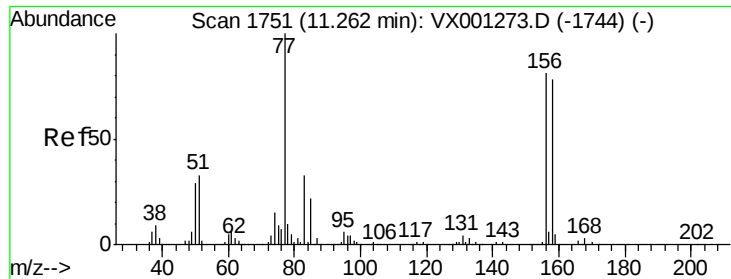
77 31.8 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.87 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

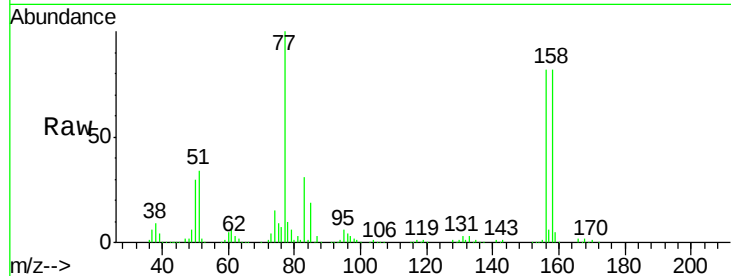
Tgt Ion:156 Resp: 154937

Ion Ratio Lower Upper

156 100

77 130.8 65.3 195.8

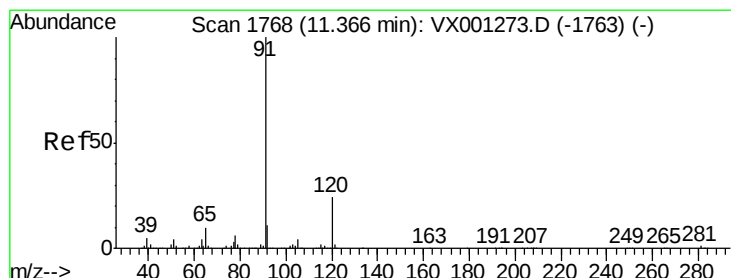
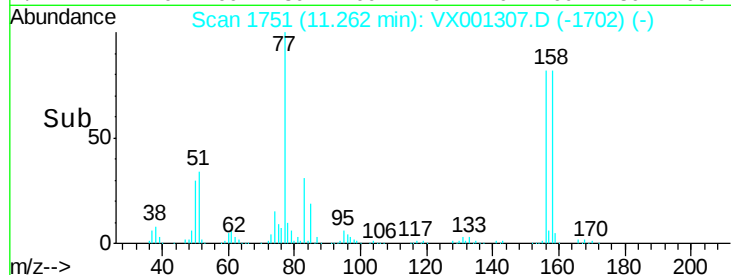
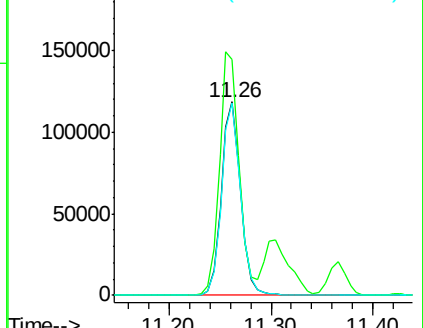
158 98.6 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001307.D

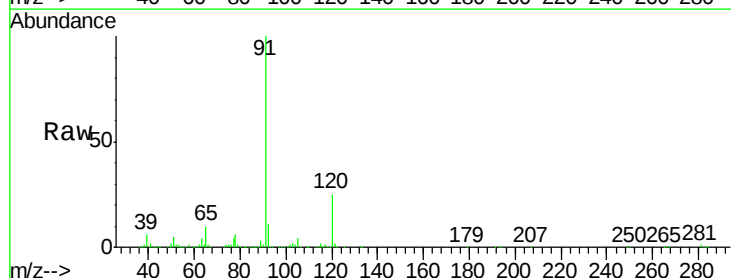
Acq: 02 May 2018 05:13

Tgt Ion: 91 Resp: 600889

Ion Ratio Lower Upper

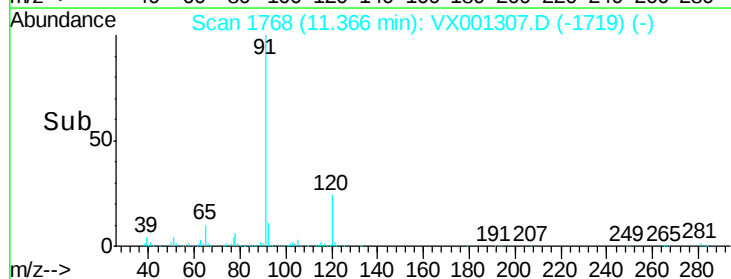
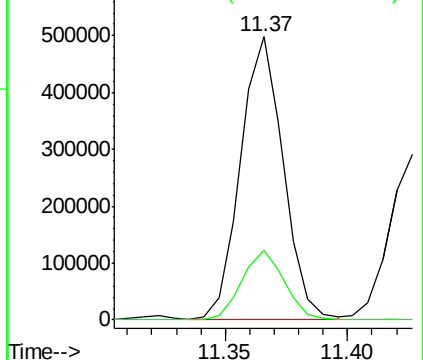
91 100

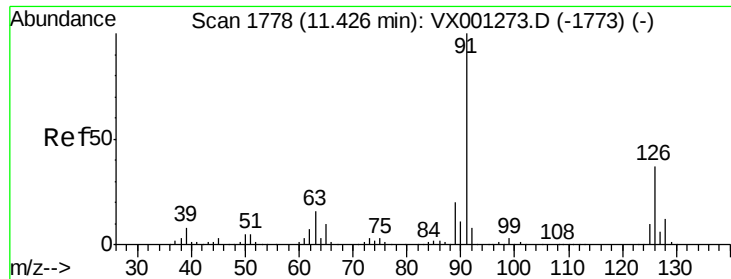
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

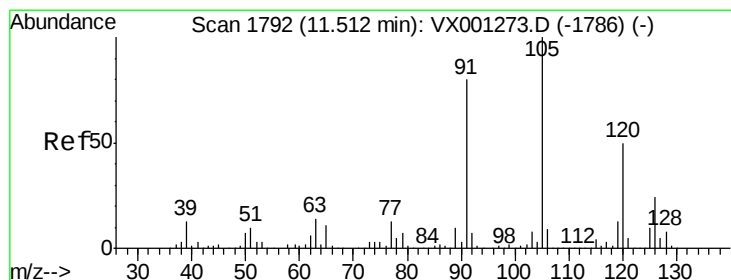
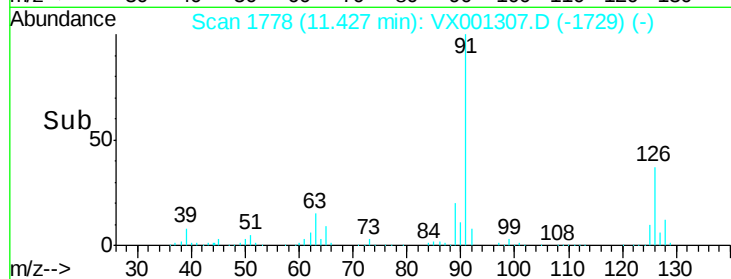
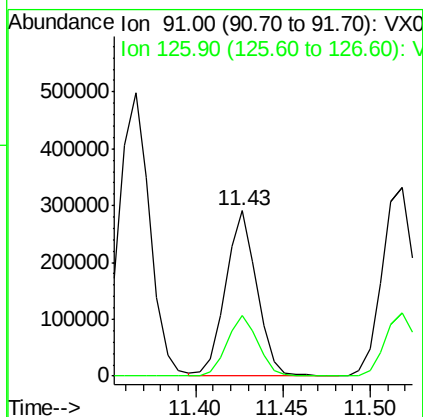
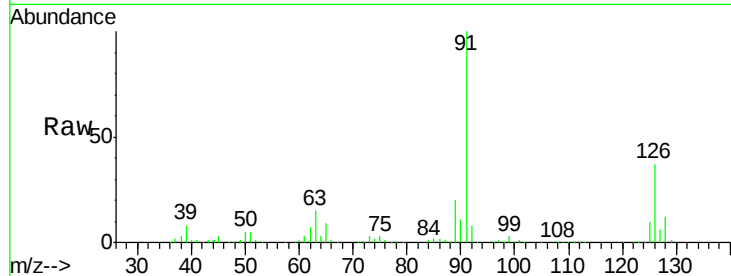




#79
 2-Chlorotoluene
 Concen: 49.55 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

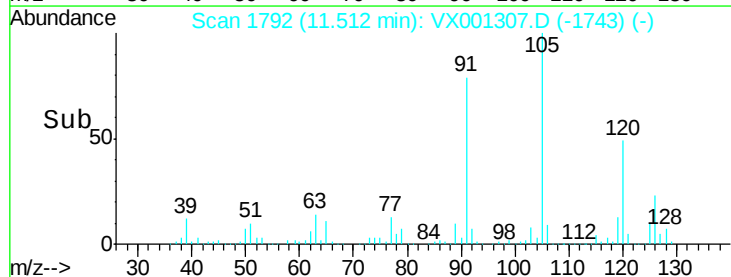
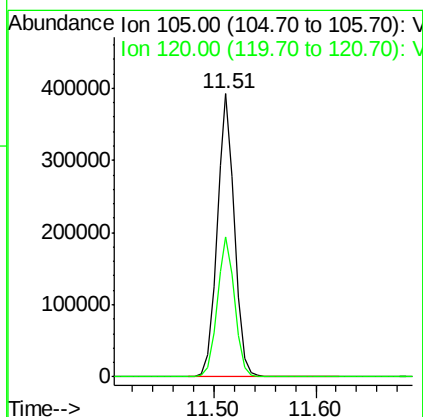
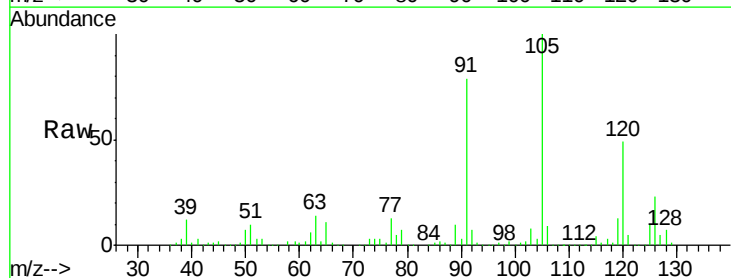
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

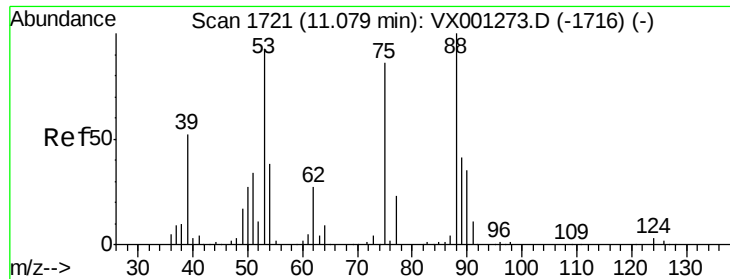
Tgt Ion: 91 Resp: 357941
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.39 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion: 105 Resp: 464932
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.22 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

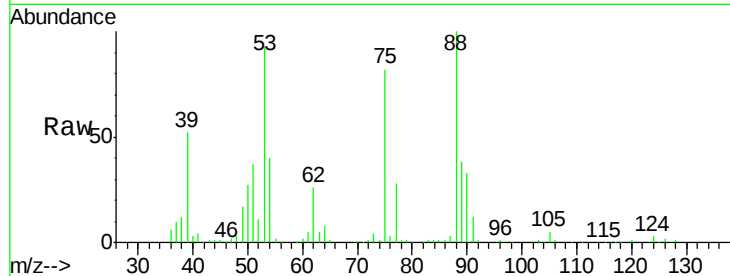
Tgt Ion: 75 Resp: 36974

Ion Ratio Lower Upper

75 100

53 114.8 87.1 130.7

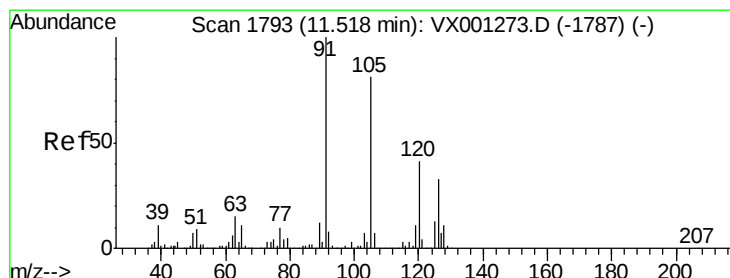
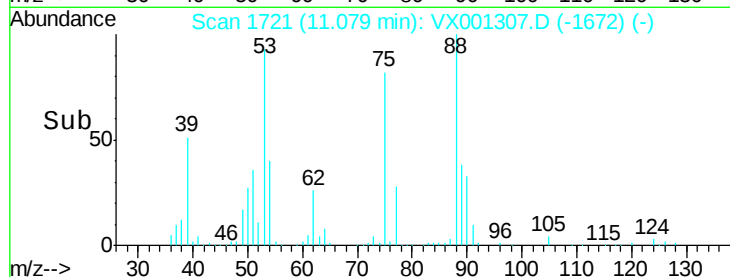
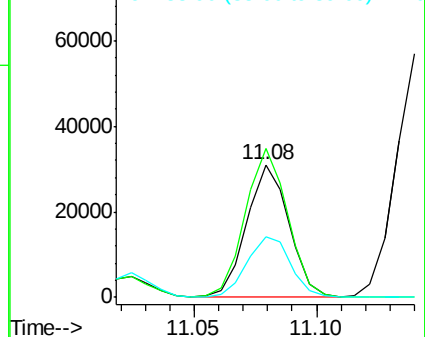
89 48.1 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001307.D

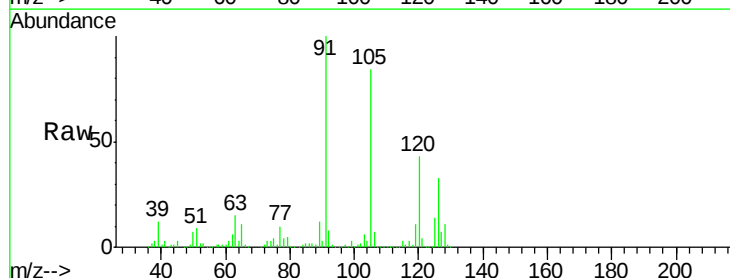
Acq: 02 May 2018 05:13

Tgt Ion: 91 Resp: 430753

Ion Ratio Lower Upper

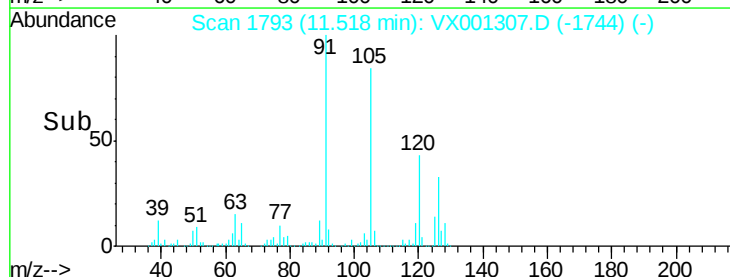
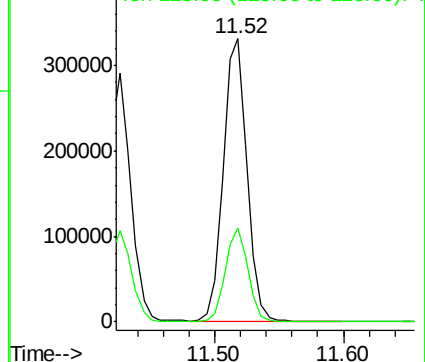
91 100

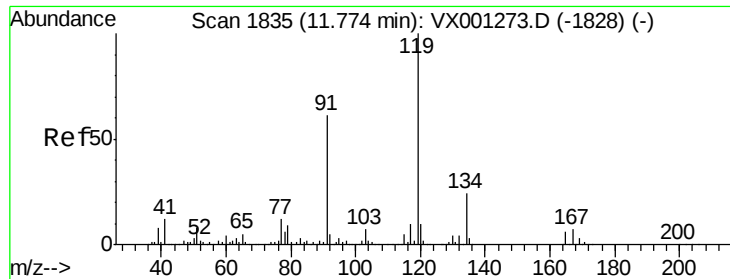
126 31.9 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

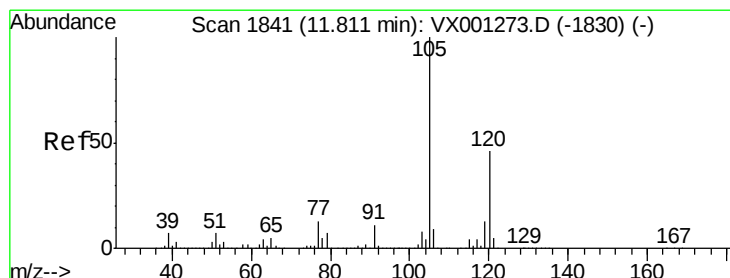
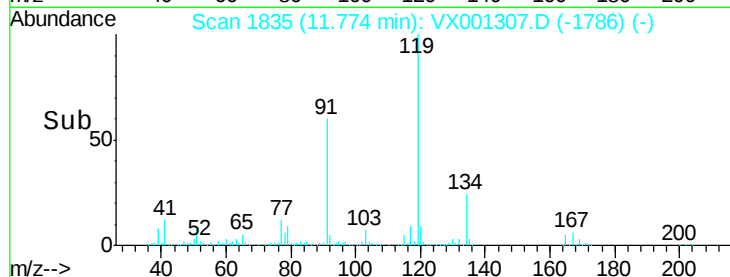
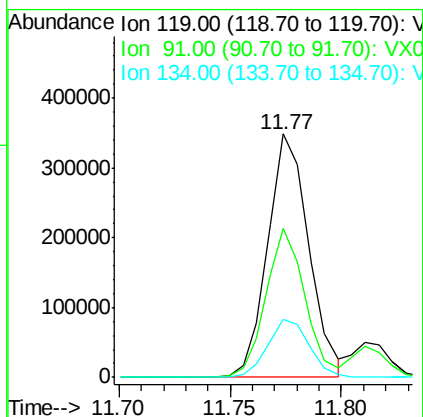
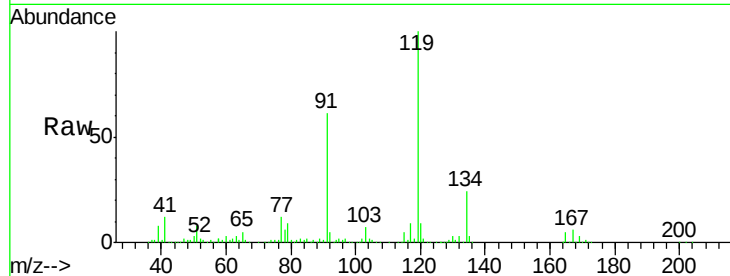




#83
 tert-Butylbenzene
 Concen: 49.64 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

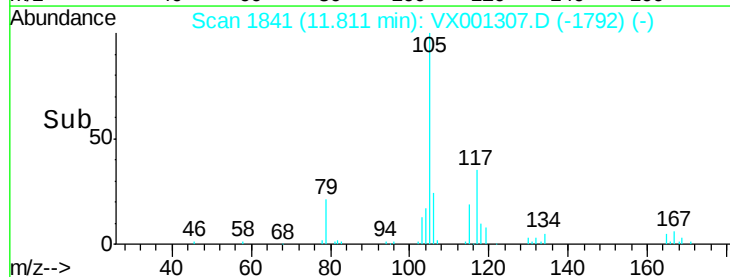
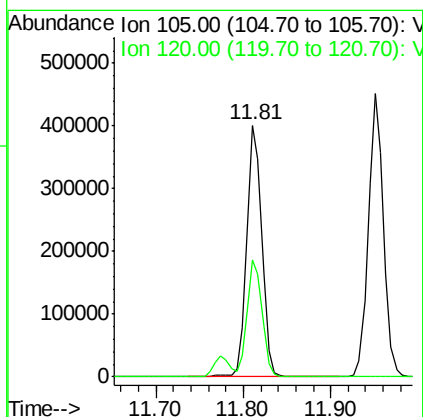
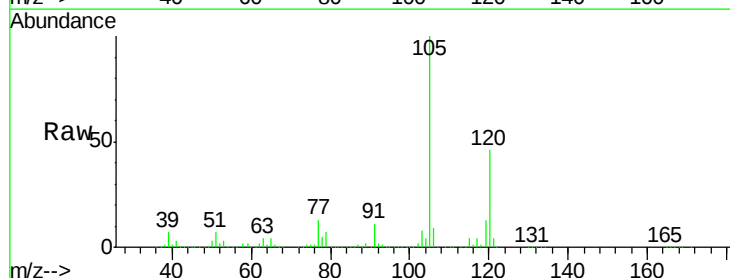
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

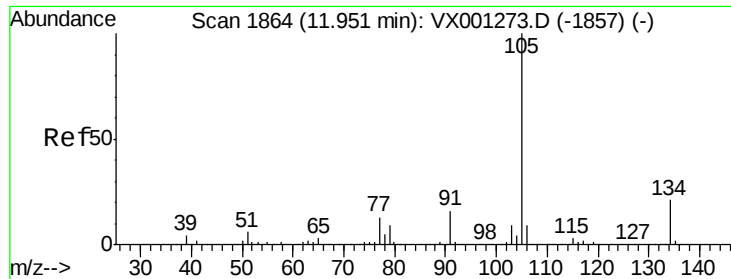
Tgt Ion:119 Resp: 447784
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.1 84.3
 134 24.1 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.50 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion:105 Resp: 477441
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.7 68.1

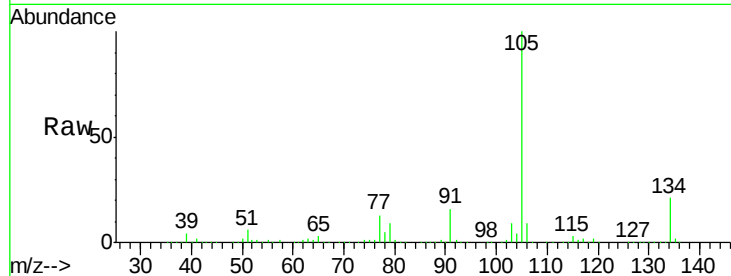




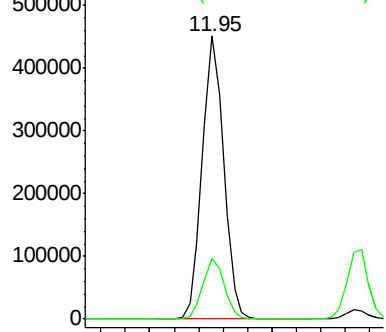
#85
 sec-Butylbenzene
 Concen: 50.71 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

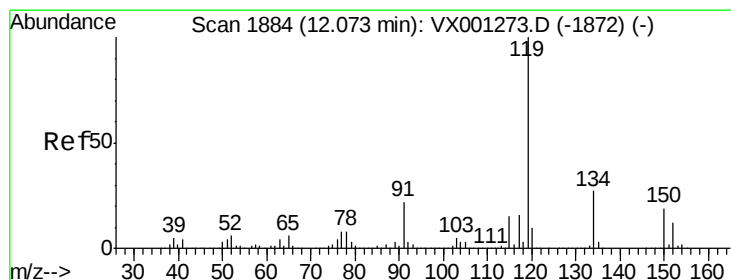
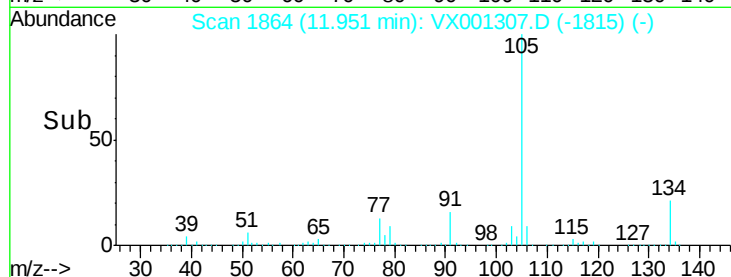
Tgt Ion:105 Resp: 547360
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

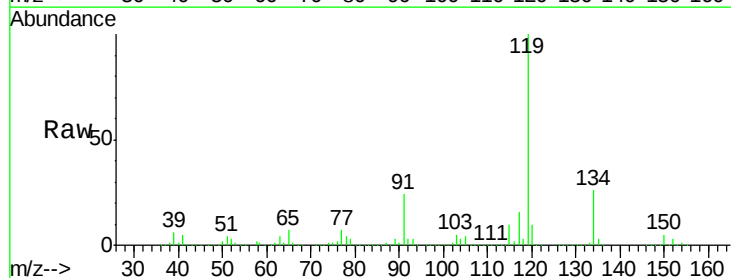


Time-->

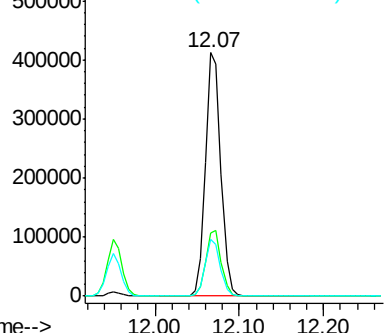


#86
 p-Isopropyltoluene
 Concen: 51.33 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

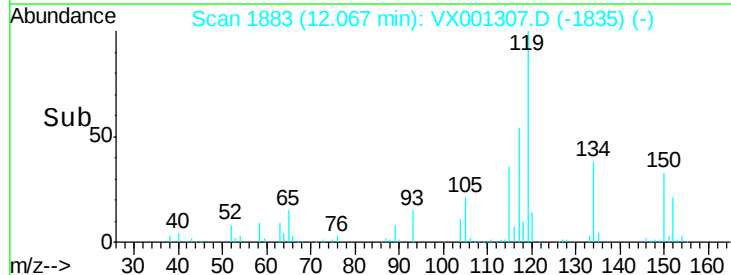
Tgt Ion:119 Resp: 508184
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 23.1 11.7 35.1

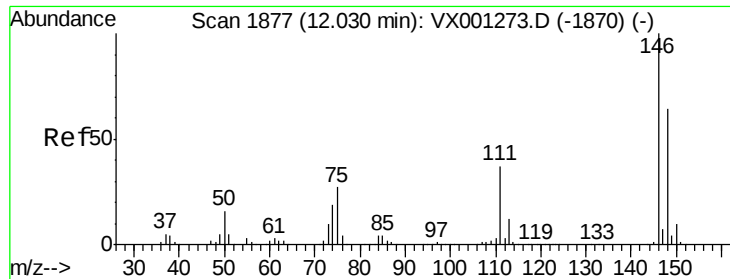


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



Time-->

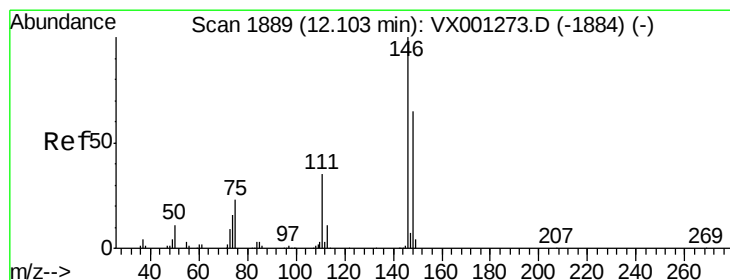
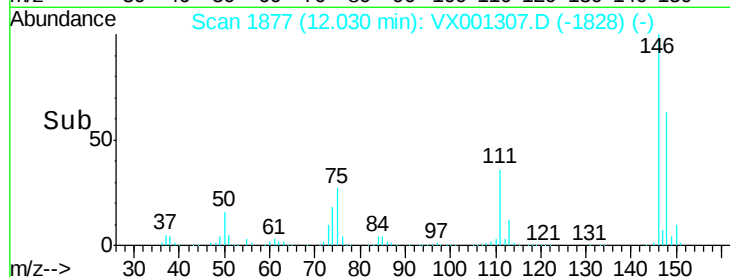
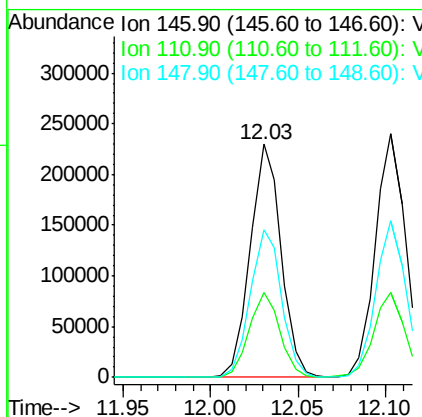
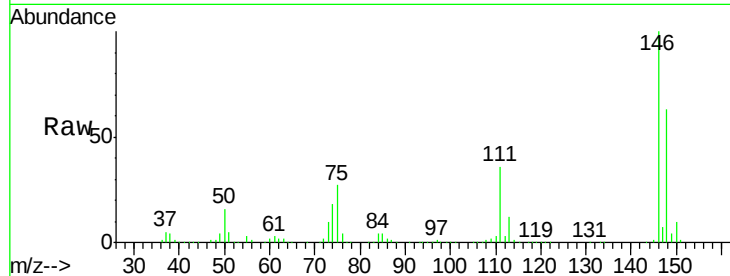




#87
 1,3-Dichlorobenzene
 Concen: 48.61 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

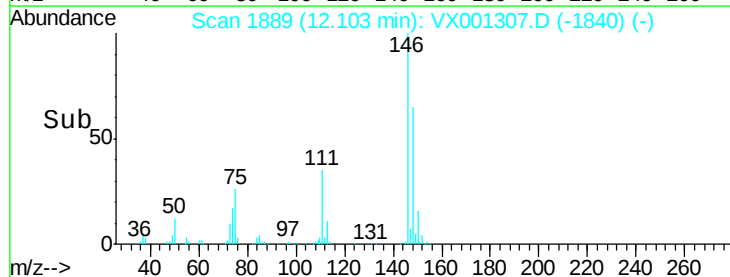
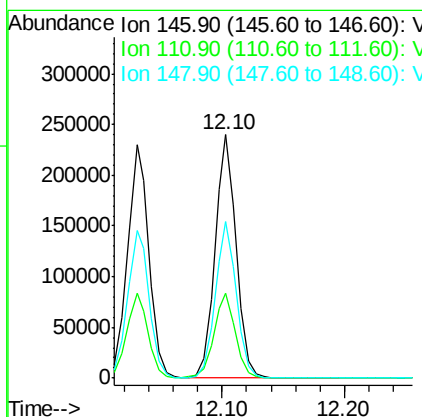
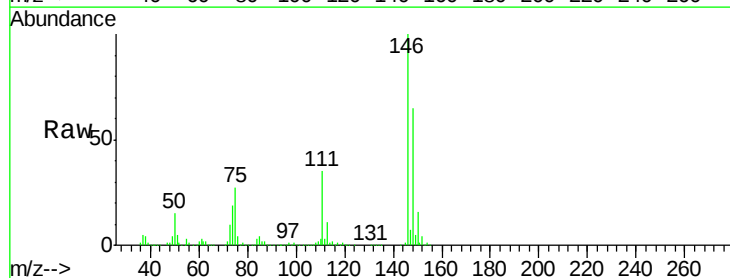
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 282002
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.4 55.2
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.18 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion:146 Resp: 288165
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.9 53.7
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 48.59 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

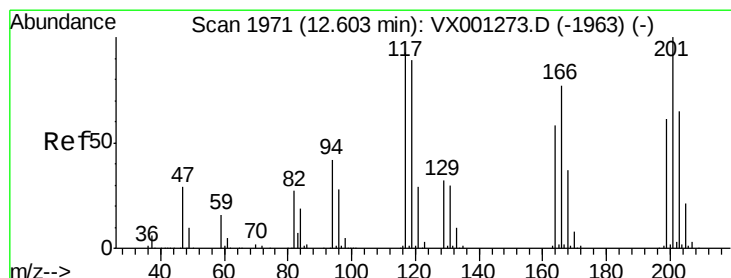
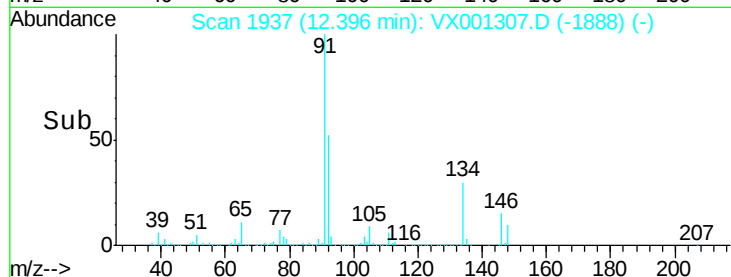
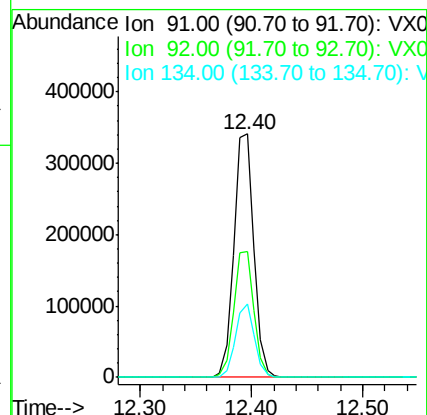
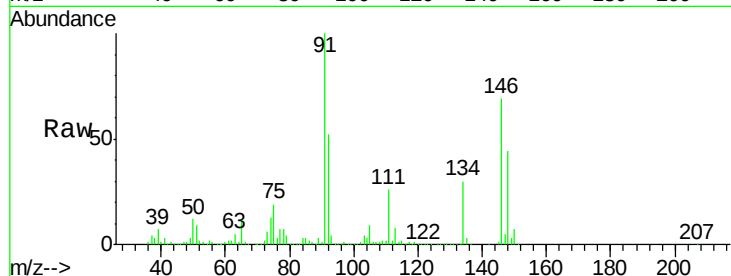
Tgt Ion: 91 Resp: 419869

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 28.6 14.0 42.0



#90

Hexachloroethane

Concen: 52.52 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001307.D

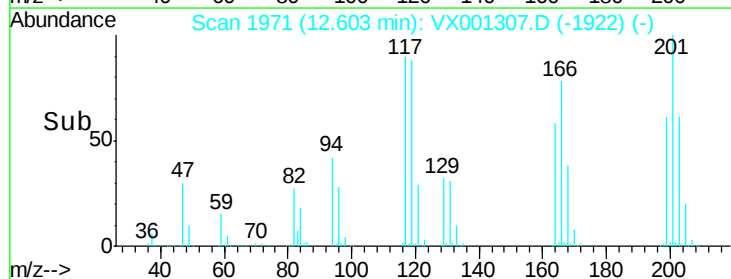
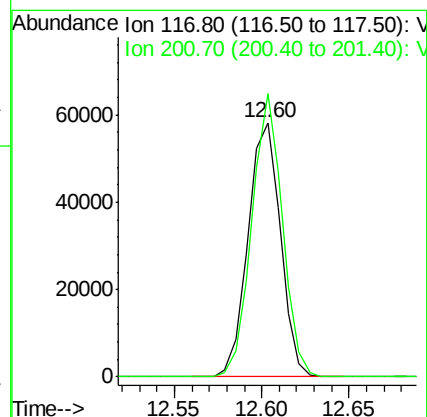
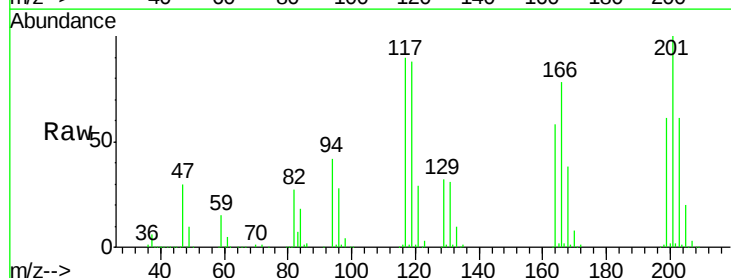
Acq: 02 May 2018 05:13

Tgt Ion: 117 Resp: 75298

Ion Ratio Lower Upper

117 100

201 104.8 51.6 154.8

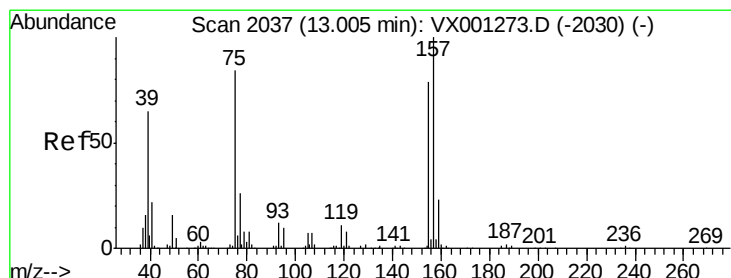
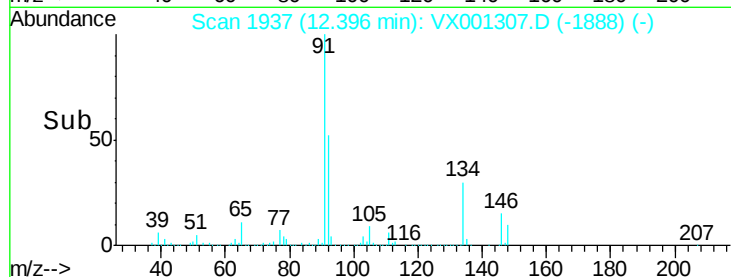
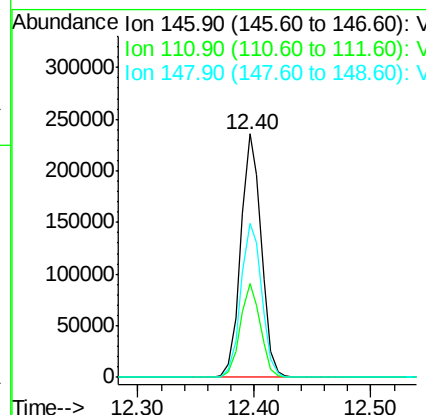
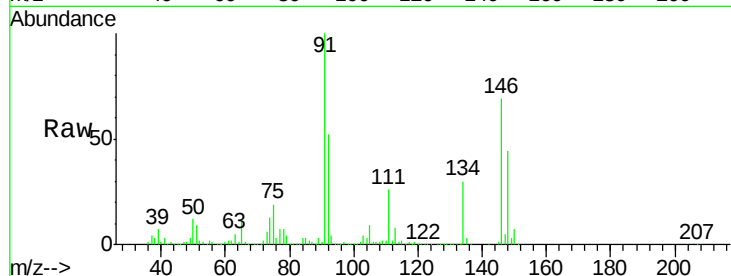




#91
 1,2-Dichlorobenzene
 Concen: 50.08 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

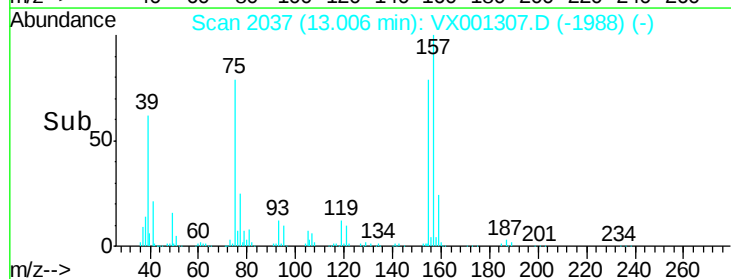
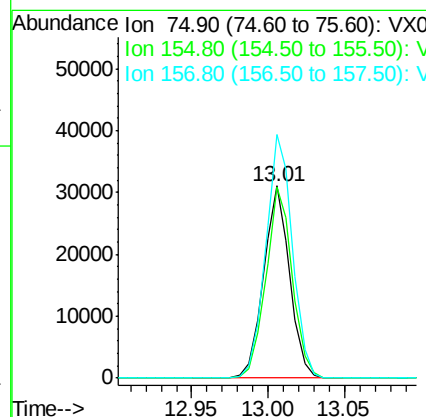
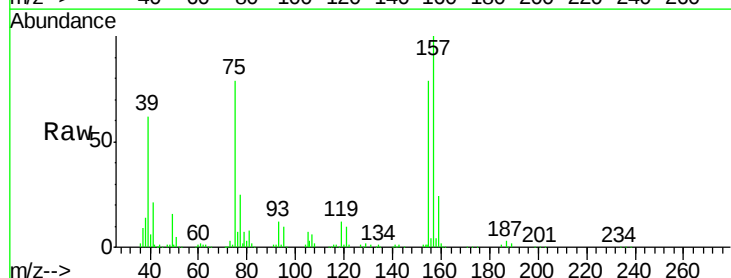
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

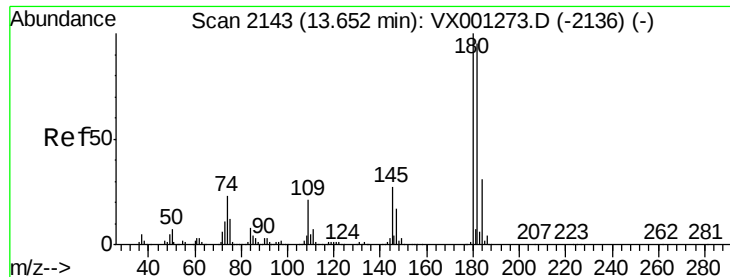
Tgt Ion:146 Resp: 289126
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.7 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.46 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion: 75 Resp: 36824
 Ion Ratio Lower Upper
 75 100
 155 100.8 49.9 149.7
 157 129.7 63.7 191.1

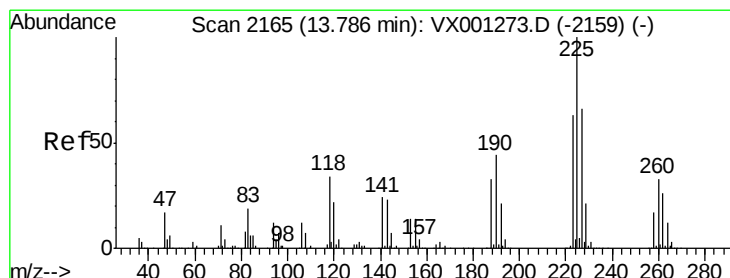
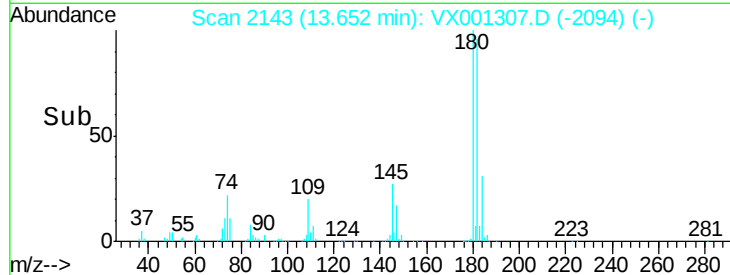
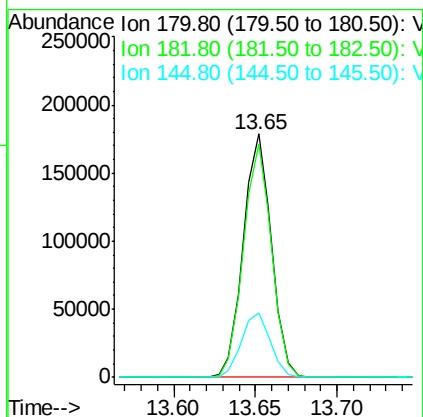
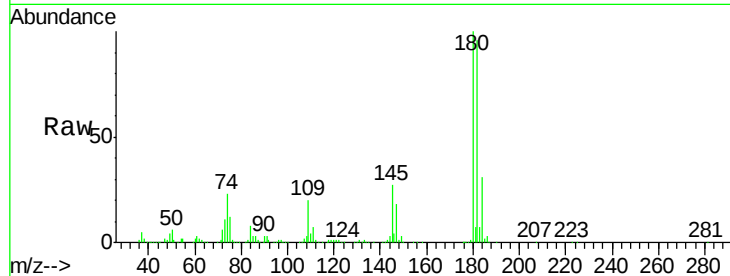




#93
 1,2,4-Trichlorobenzene
 Concen: 46.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

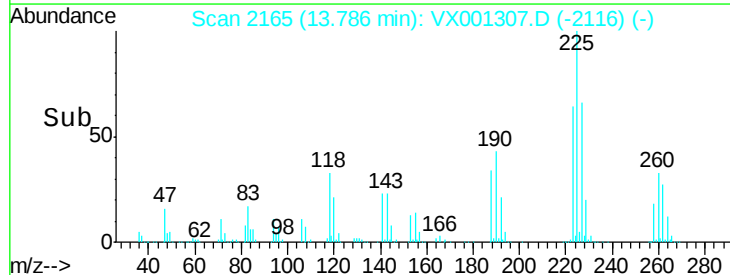
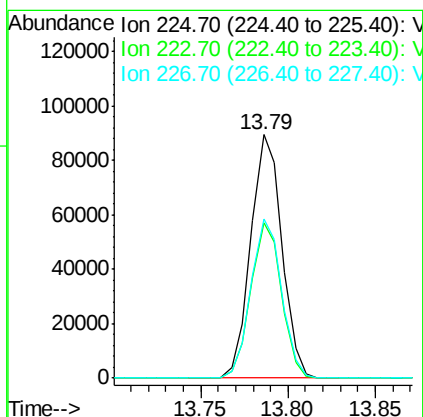
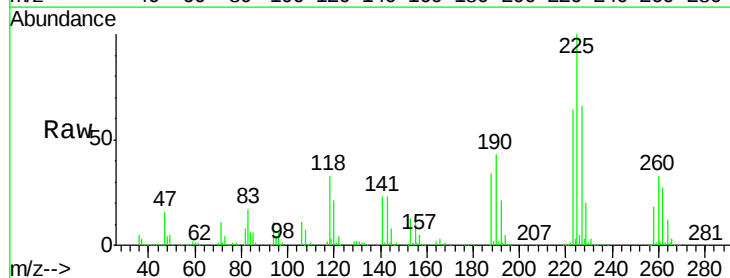
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

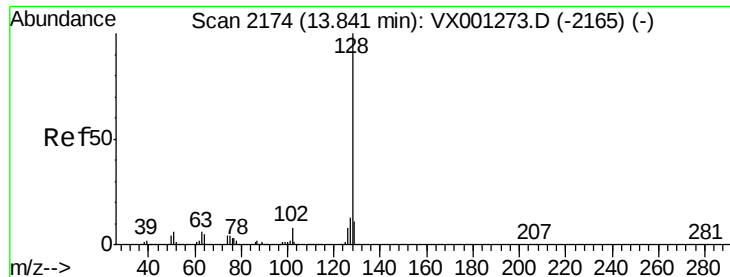
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.9
145	27.3	13.5	40.4



#94
 Hexachlorobutadiene
 Concen: 45.48 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001307.D
 Acq: 02 May 2018 05:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.0
227	64.7	32.5	97.5





#95

Naphthalene

Concen: 51.22 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

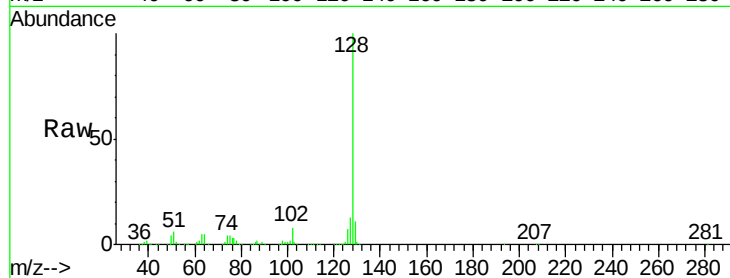
Tgt Ion:128 Resp: 603594

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

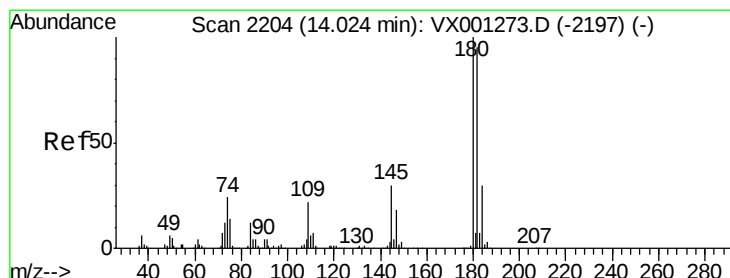
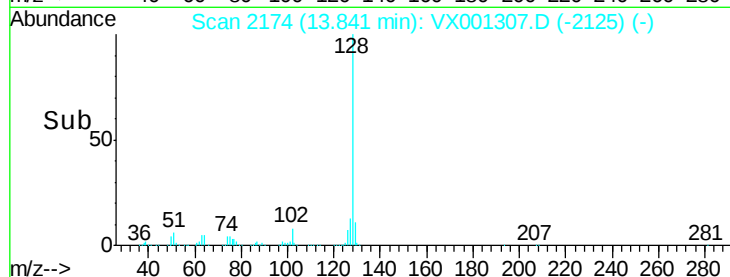
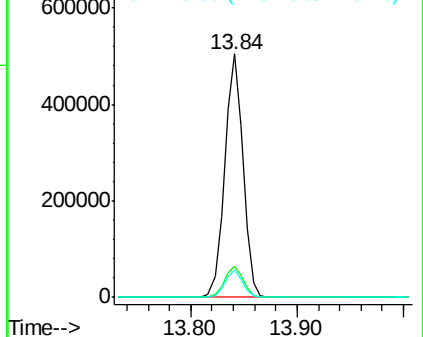
129 10.9 8.7 13.1



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: 48.14 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001307.D

Acq: 02 May 2018 05:13

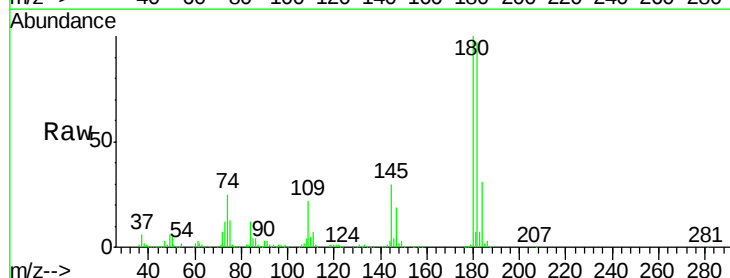
Tgt Ion:180 Resp: 219501

Ion Ratio Lower Upper

180 100

182 97.0 48.1 144.3

145 29.1 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

