

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003120.D
 Acq On : 02 Jul 2018 11:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 06:53:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186400	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
35) Dibromofluoromethane	5.51	113	154668	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	8.72	98	561043	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	219472	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	149581	57.70	ug/l	98
3) Chloromethane	1.32	50	150129	55.87	ug/l	100
4) Vinyl Chloride	1.40	62	167603	51.00	ug/l	96
5) Bromomethane	1.64	94	48675	30.68	ug/l	97
6) Chloroethane	1.71	64	108065	56.32	ug/l	97
7) Trichlorofluoromethane	1.92	101	265288	47.86	ug/l	97
8) Diethyl Ether	2.19	74	100498	49.87	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	158642	49.39	ug/l	97
10) Methyl Iodide	2.51	142	133671	42.15	ug/l	97
11) Tert butyl alcohol	3.08	59	181959	227.42	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140554	49.05	ug/l	94
13) Acrolein	2.29	56	86091	195.03	ug/l	100
14) Allyl chloride	2.73	41	277169	49.06	ug/l	95
15) Acrylonitrile	3.15	53	413441	241.92	ug/l	100
16) Acetone	2.45	43	548675	329.87	ug/l	97
17) Carbon Disulfide	2.57	76	407350	53.35	ug/l	99
18) Methyl Acetate	2.78	43	192351	41.36	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	502576	48.78	ug/l	99
20) Methylene Chloride	2.85	84	157793	48.75	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	152905	48.99	ug/l	95
22) Diisopropyl ether	3.87	45	554973	51.39	ug/l	96
23) Vinyl Acetate	3.82	43	2461954	269.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	281524	47.97	ug/l	99
25) 2-Butanone	4.71	43	715325	289.78	ug/l	98
26) 2,2-Dichloropropane	4.59	77	249880	52.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	181299	51.80	ug/l	94
28) Bromochloromethane	5.02	49	135388	48.19	ug/l	89
29) Tetrahydrofuran	5.17	42	390724	246.83	ug/l	96
30) Chloroform	5.21	83	296846	49.28	ug/l	96
31) Cyclohexane	5.57	56	259020	51.42	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	267486	50.47	ug/l	98
36) 1,1-Dichloropropene	5.80	75	224265	53.63	ug/l	99
37) Ethyl Acetate	4.87	43	247719	55.02	ug/l	99
38) Carbon Tetrachloride	5.78	117	244919	53.38	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266549	54.73	ug/l	96
40) Benzene	6.15	78	649232	53.44	ug/l	99
41) Methacrylonitrile	5.06	41	137615	53.08	ug/l	97
42) 1,2-Dichloroethane	6.20	62	243955	49.71	ug/l	99
43) Isopropyl Acetate	6.47	43	393273	52.08	ug/l	98
44) Trichloroethene	7.21	130	193321	53.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	169667	52.65	ug/l	100
46) Dibromomethane	7.67	93	116455	52.07	ug/l	95
47) Bromodichloromethane	7.90	83	222649	53.85	ug/l	97
48) Methyl methacrylate	7.78	41	202788	52.12	ug/l	95
49) 1,4-Dioxane	7.76	88	77802	1027.86	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1243746	263.27	ug/l	97
52) Toluene	8.79	92	421917	54.21	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	266943	57.01	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	249147	55.30	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	171841	53.73	ug/l	99
56) Ethyl methacrylate	9.18	69	261560	55.96	ug/l	93
57) 1,3-Dichloropropane	9.37	76	277504	52.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	666400	295.52	ug/l	97
59) 2-Hexanone	9.50	43	1011168	281.63	ug/l	97
60) Dibromochloromethane	9.59	129	189450	56.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	184376	54.96	ug/l	100
64) Tetrachloroethene	9.34	164	217905	54.01	ug/l	99
65) Chlorobenzene	10.14	112	485556	52.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	182244	54.43	ug/l	99
67) Ethyl Benzene	10.26	91	831015	54.58	ug/l	100
68) m/p-Xylenes	10.36	106	651425	111.02	ug/l	98
69) o-Xylene	10.70	106	317207	55.52	ug/l	97
70) Styrene	10.71	104	528290	56.90	ug/l	99
71) Bromoform	10.86	173	152651	50.43	ug/l #	100
73) Isopropylbenzene	11.02	105	856032	53.55	ug/l	100
74) N-amyl acetate	6.47	43	393273	50.28	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	256475	52.09	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	291485	67.73	ug/l	80
77) Bromobenzene	11.26	156	238394	52.37	ug/l	96
78) n-propylbenzene	11.36	91	977160	53.71	ug/l	98
79) 2-Chlorotoluene	11.43	91	573995	52.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	728315	54.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72152	48.73	ug/l	95
82) 4-Chlorotoluene	11.51	91	687732	52.74	ug/l	99
83) tert-Butylbenzene	11.77	119	709208	53.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	748884	53.69	ug/l	98
85) sec-Butylbenzene	11.95	105	847478	52.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	784798	54.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	440444	52.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	442720	51.75	ug/l	99
89) n-Butylbenzene	12.39	91	672511	53.39	ug/l	99
90) Hexachloroethane	12.60	117	108428	50.38	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	439065	52.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55550	50.19	ug/l	93

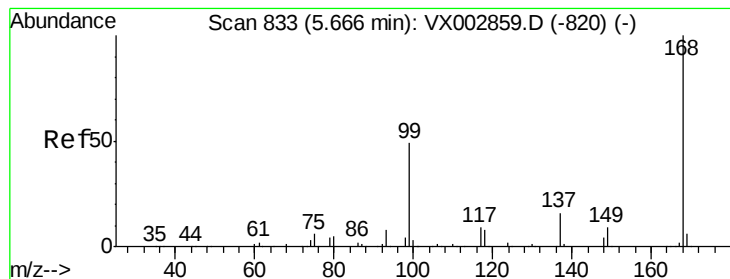
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330449	54.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	164322	53.95	ug/l	100
95) Naphthalene	13.83	128	904213	55.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329980	54.10	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

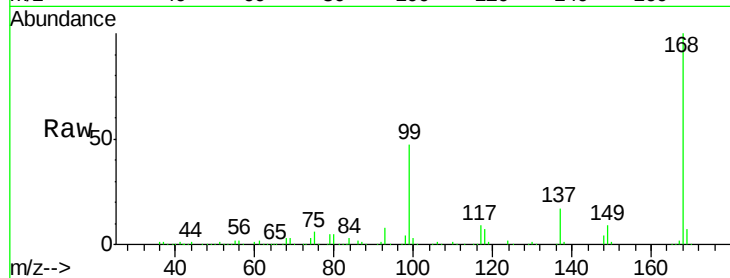
VSTDCCC050

Tot Ion:168 Resp: 290579

Ion Ratio Lower Upper

168 100

99 46.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

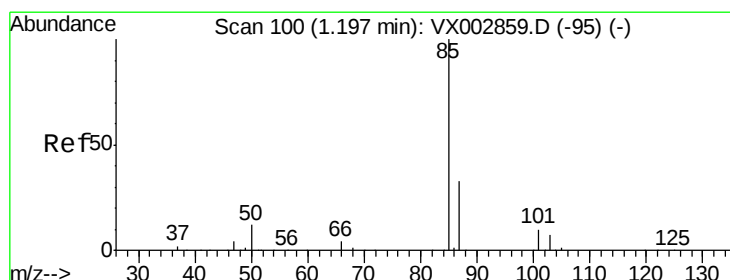
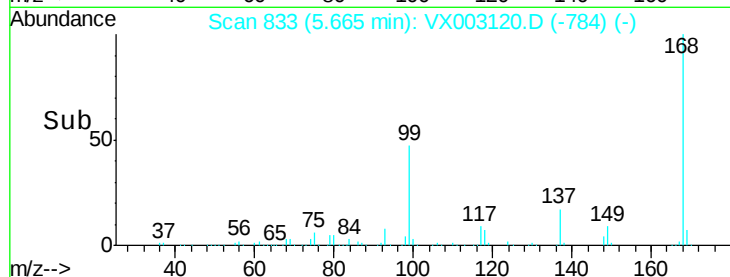
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 57.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003120.D

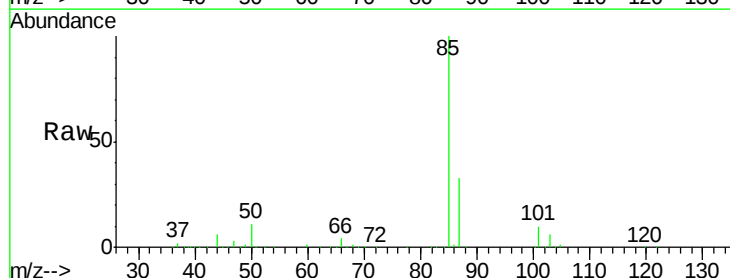
Acq: 02 Jul 2018 11:31

Tgt Ion: 85 Resp: 149581

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

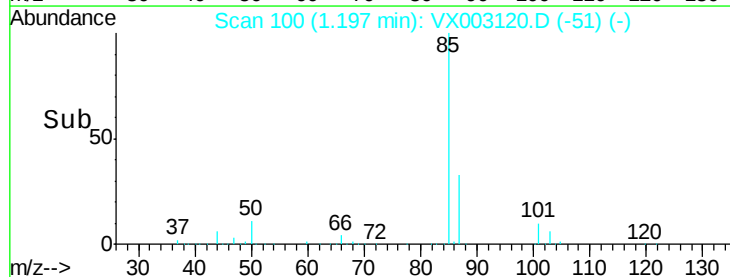
150000

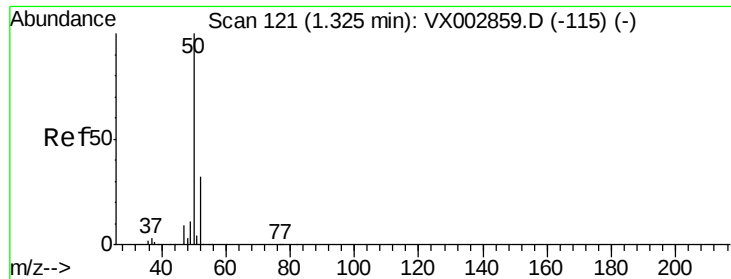
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 55.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

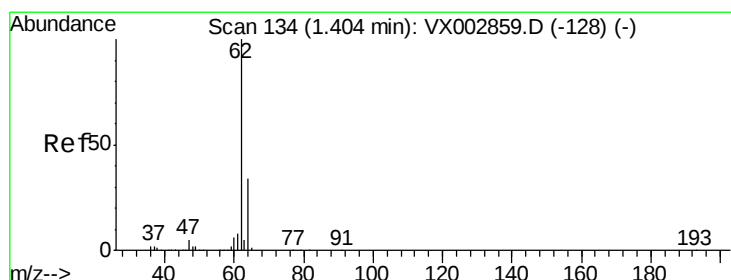
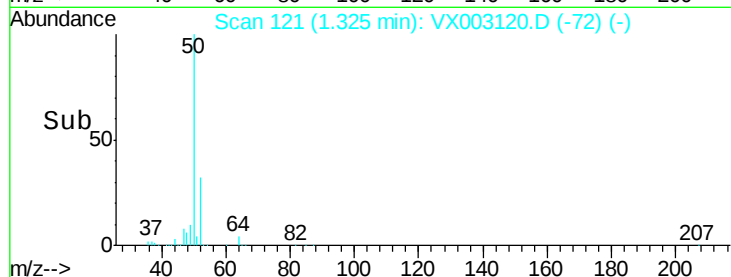
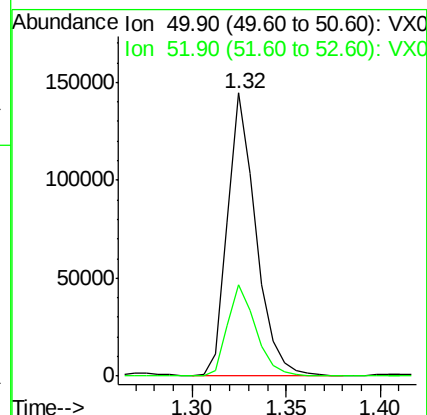
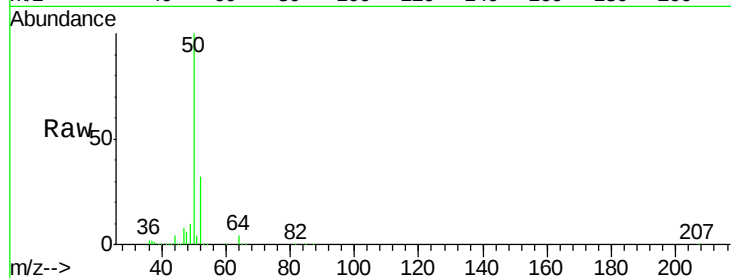
VSTDCCC050

Tot Ion: 50 Resp: 150129

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 51.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003120.D

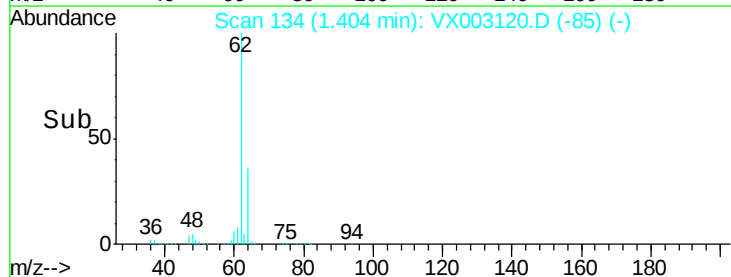
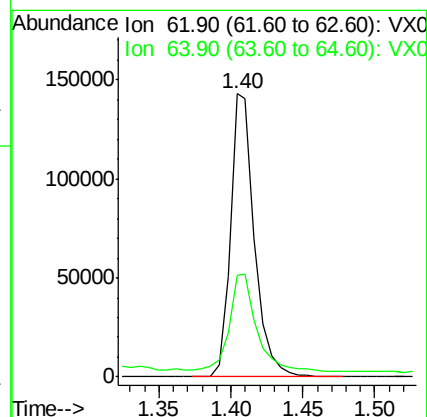
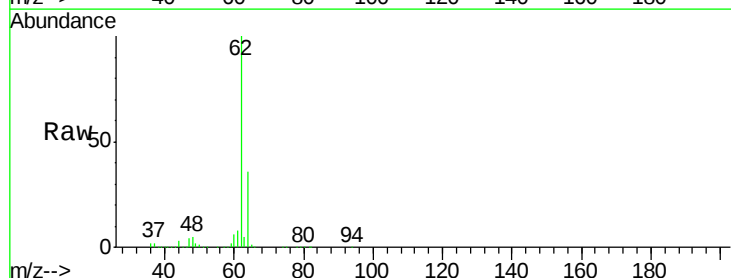
Acq: 02 Jul 2018 11:31

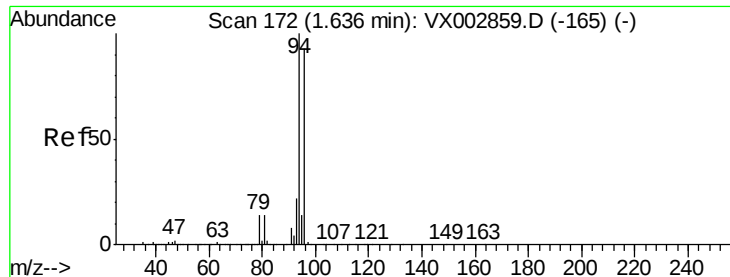
Tgt Ion: 62 Resp: 167603

Ion Ratio Lower Upper

62 100

64 34.0 25.4 38.2





#5

Bromomethane

Concen: 30.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

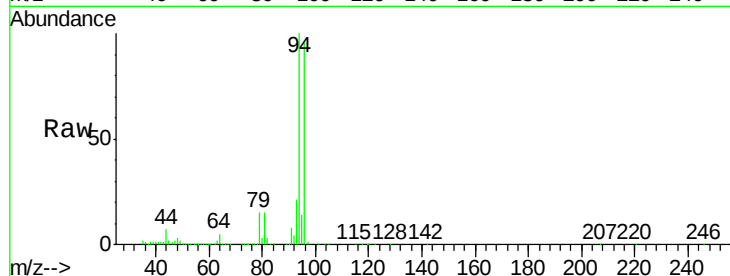
VSTDCCC050

Tot Ion: 94 Resp: 48675

Ion Ratio Lower Upper

94 100

96 96.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

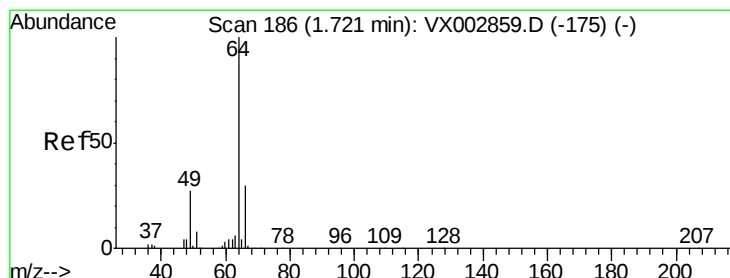
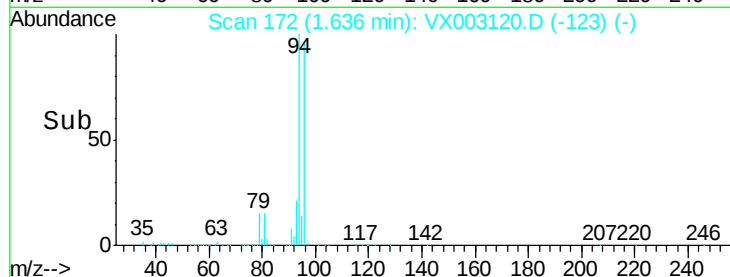
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 56.32 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003120.D

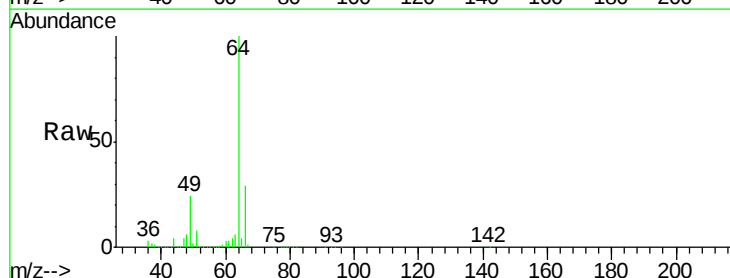
Acq: 02 Jul 2018 11:31

Tgt Ion: 64 Resp: 108065

Ion Ratio Lower Upper

64 100

66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

60000

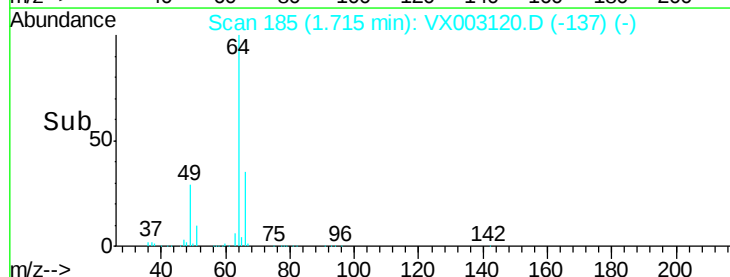
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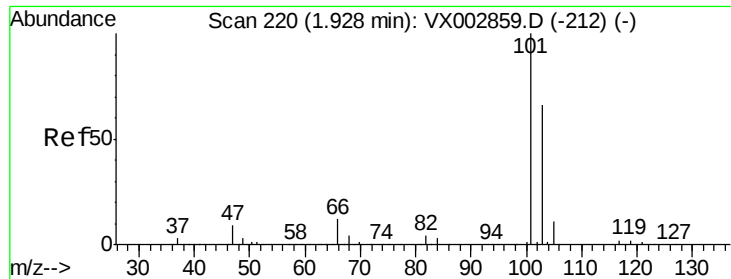
20000

0

Time-->

1.65 1.70 1.75 1.80 1.85



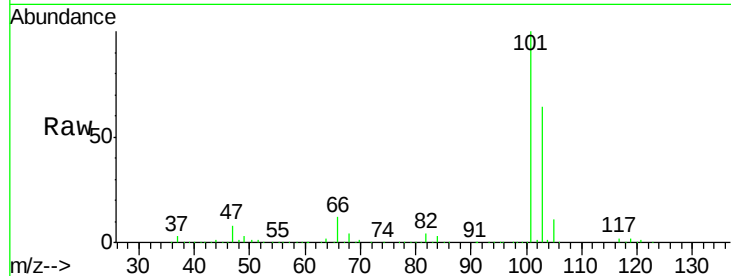


#7

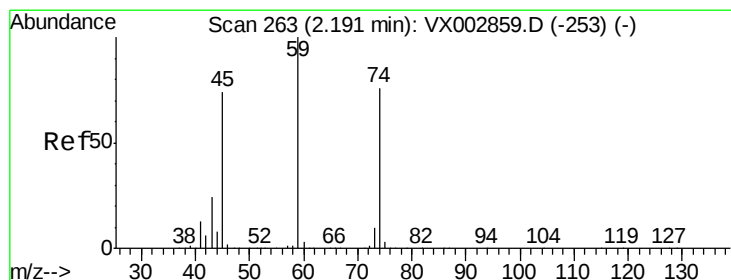
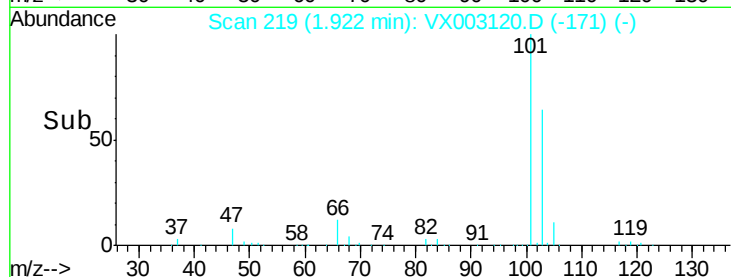
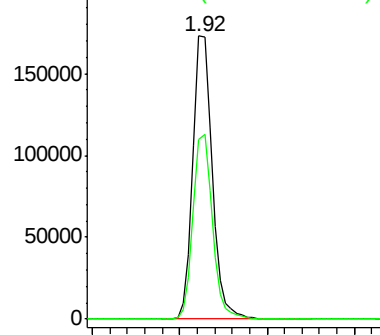
Trichlorofluoromethane
 Concen: 47.86 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 265288
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.8 79.2



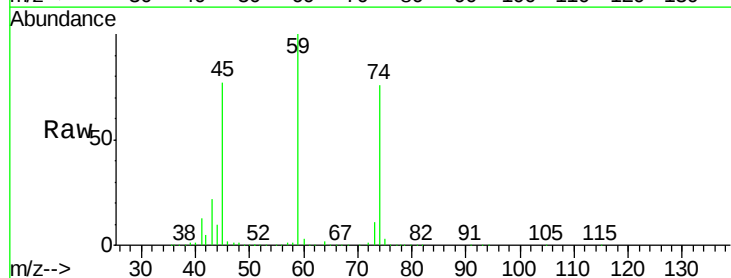
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



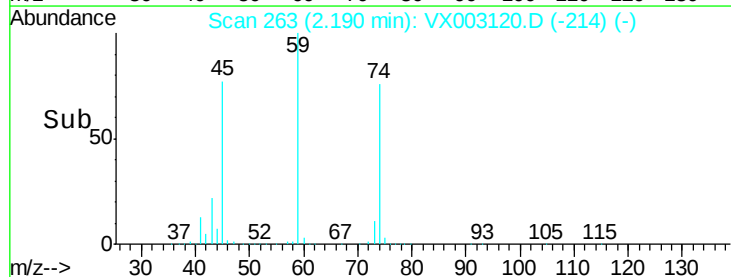
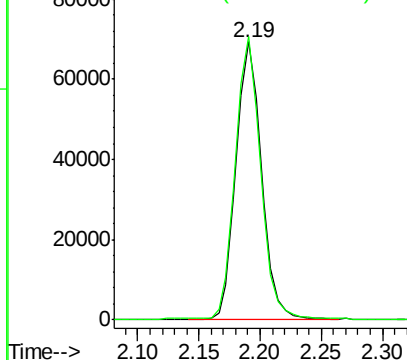
#8

Diethyl Ether
 Concen: 49.87 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion: 74 Resp: 100498
 Ion Ratio Lower Upper
 74 100
 45 100.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.39 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

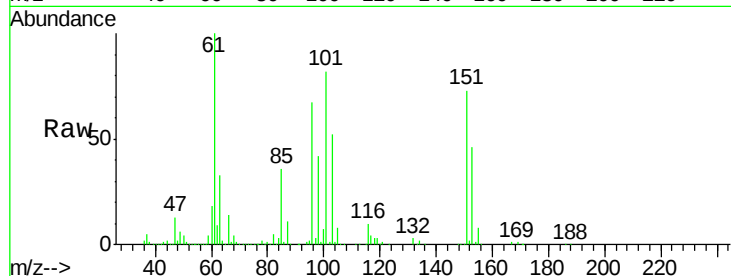
Tot Ion:101 Resp: 158642

Ion Ratio Lower Upper

101 100

85 43.0 36.0 54.0

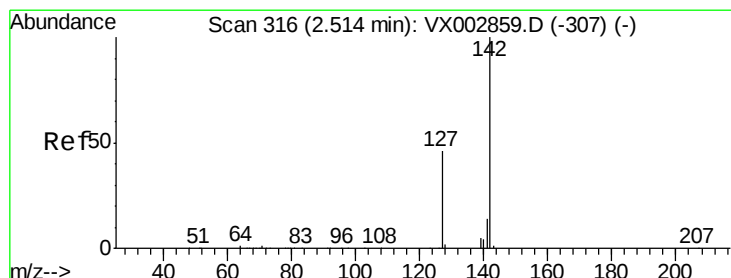
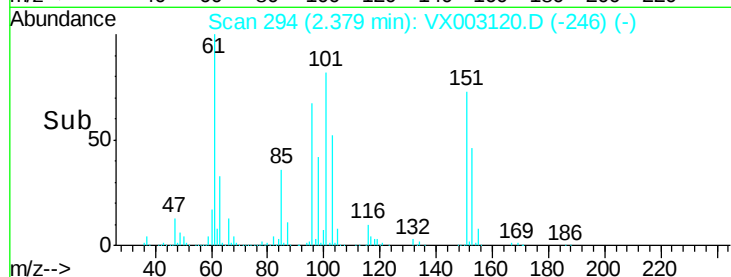
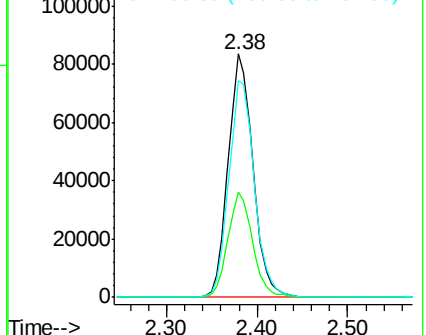
151 91.7 70.9 106.3



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: 42.15 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

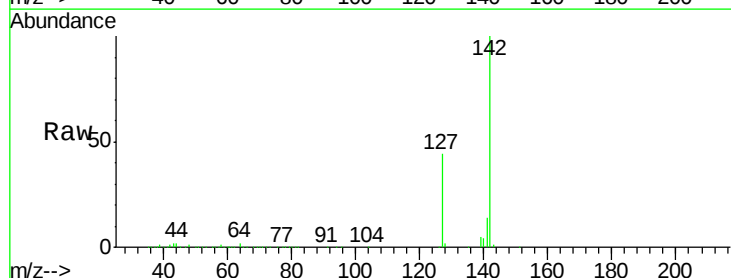
Tgt Ion:142 Resp: 133671

Ion Ratio Lower Upper

142 100

127 43.8 36.6 55.0

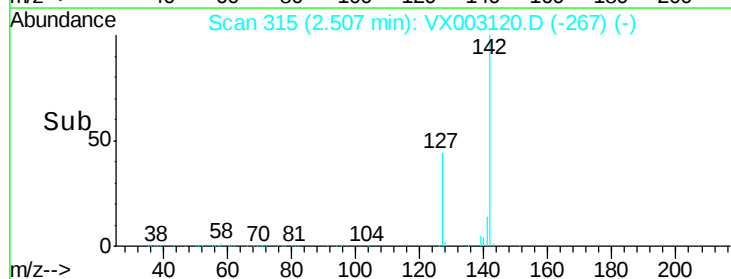
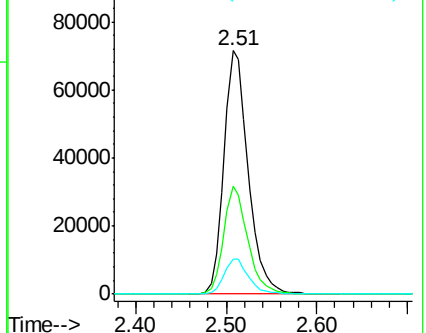
141 14.4 11.3 16.9

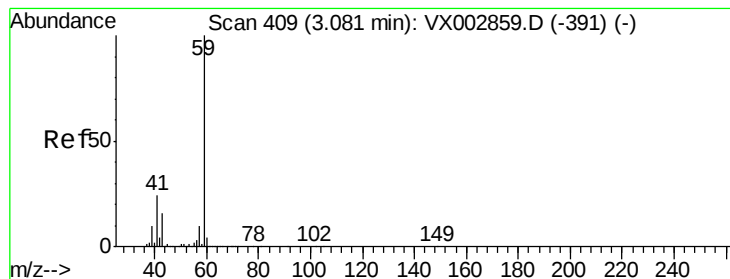


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



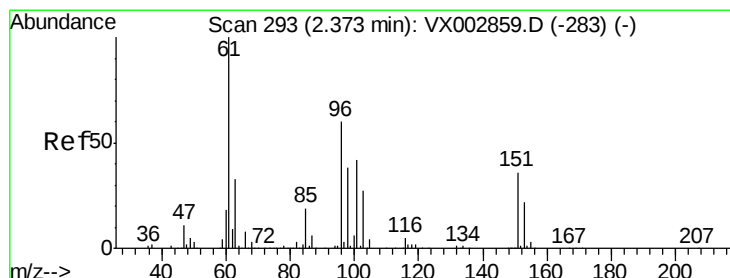
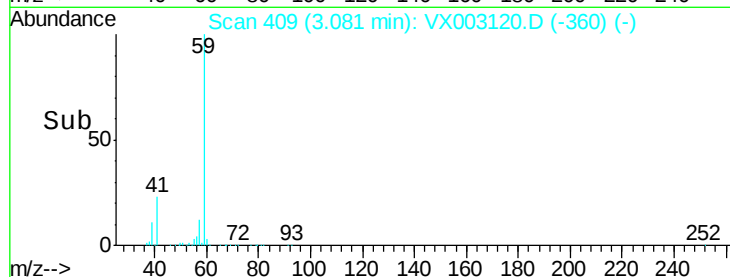
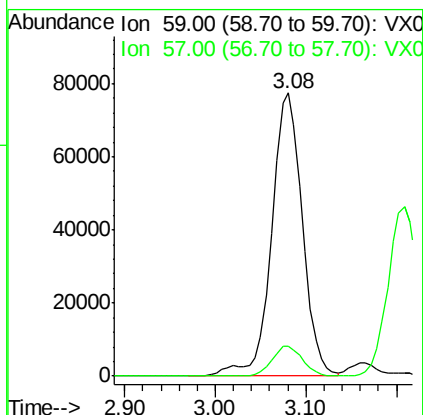
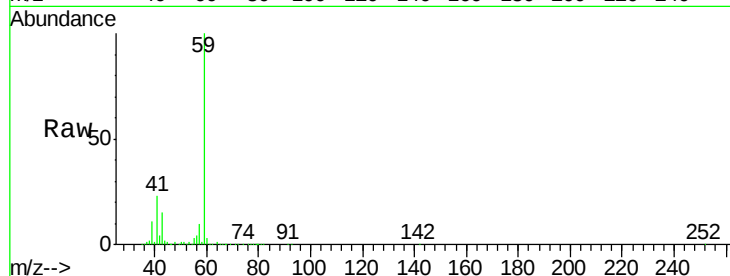


#11

Tert butyl alcohol
 Concen: 227.42 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

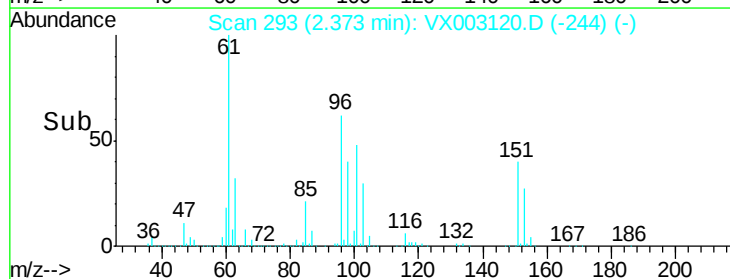
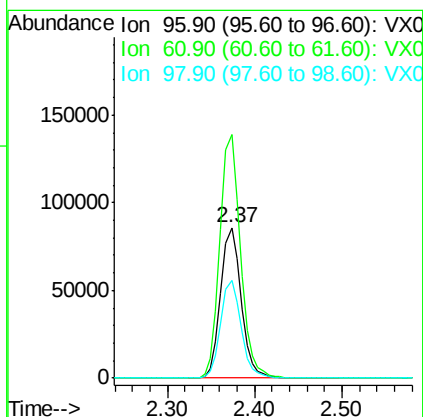
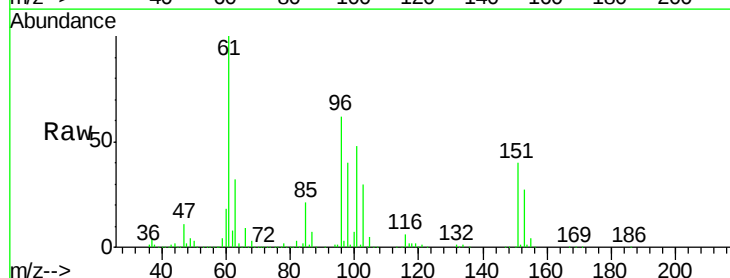
Tot Ion: 59 Resp: 181959
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 49.05 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion: 96 Resp: 140554
 Ion Ratio Lower Upper
 96 100
 61 161.5 137.9 206.9
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 195.03 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

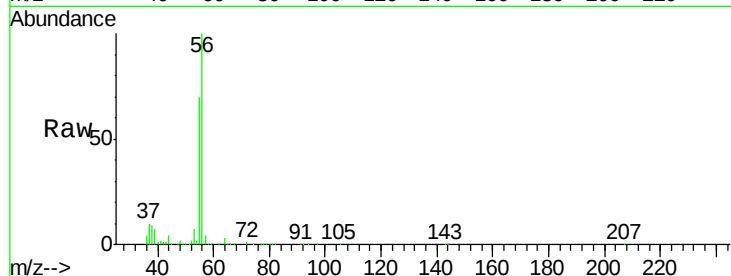
VSTDCCC050

Tot Ion: 56 Resp: 86091

Ion Ratio Lower Upper

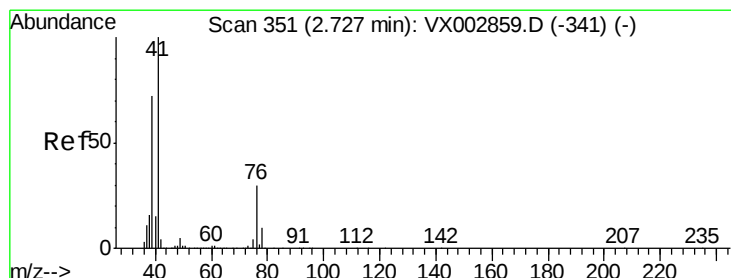
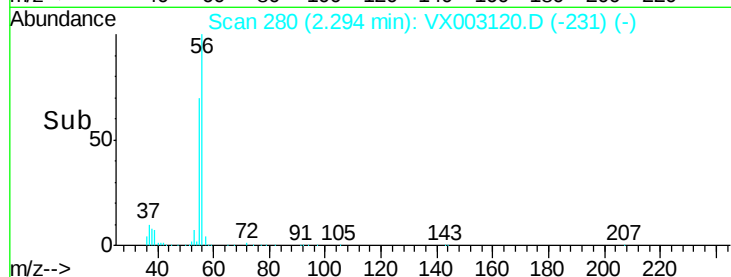
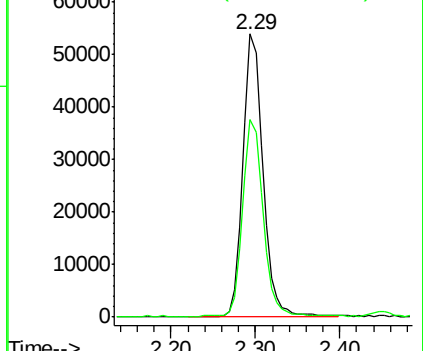
56 100

55 71.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

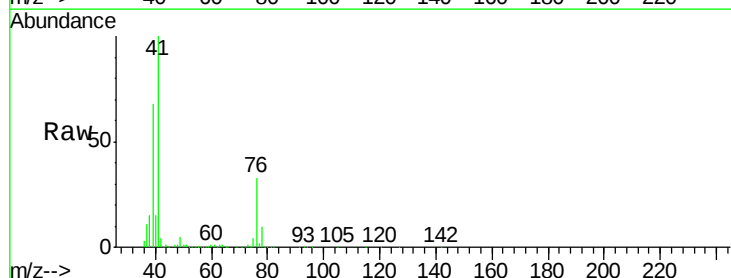
Tgt Ion: 41 Resp: 277169

Ion Ratio Lower Upper

41 100

39 66.2 56.8 85.2

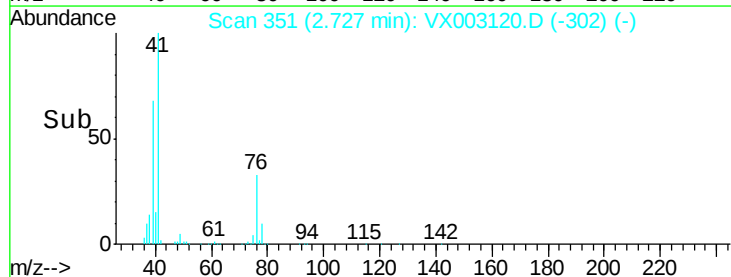
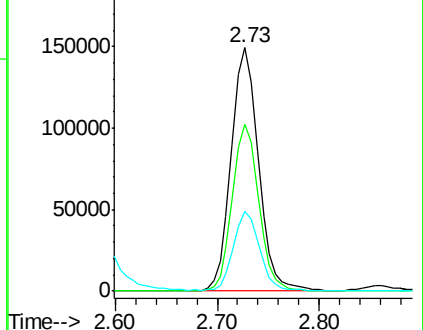
76 31.2 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 241.92 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

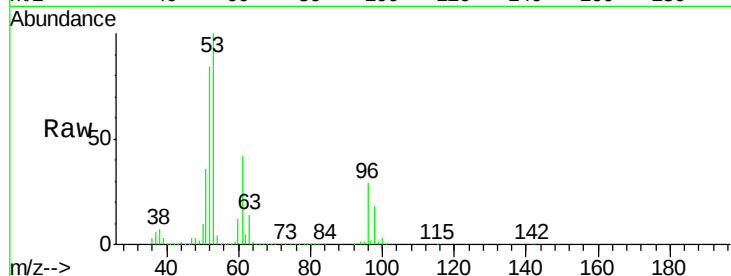
Tot Ion: 53 Resp: 413441

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

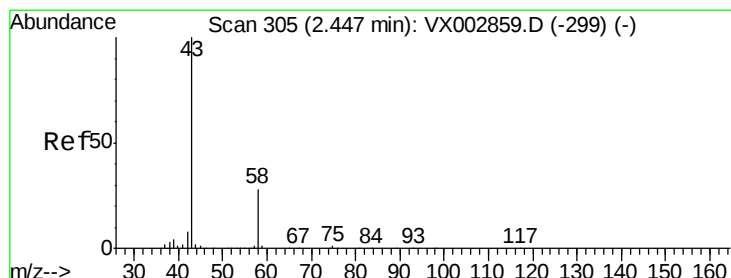
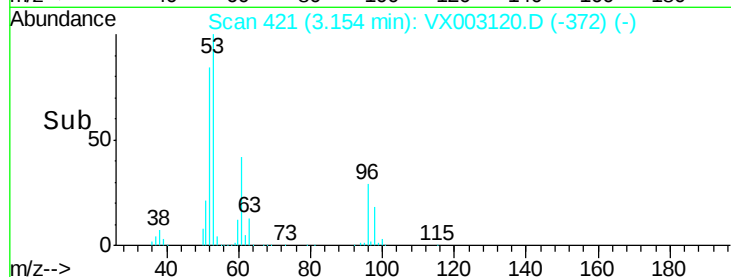
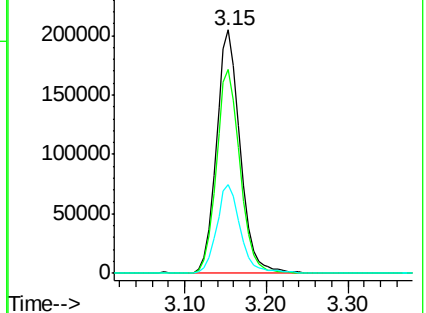
51 36.9 29.9 44.9



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: 329.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003120.D

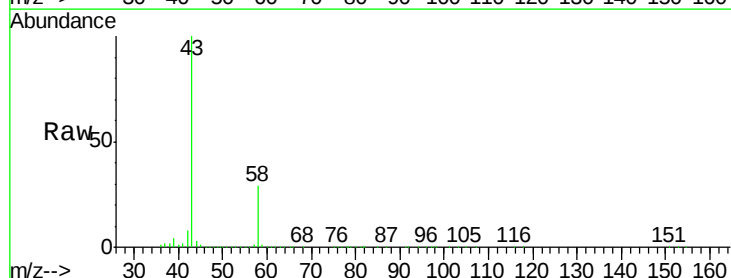
Acq: 02 Jul 2018 11:31

Tgt Ion: 43 Resp: 548675

Ion Ratio Lower Upper

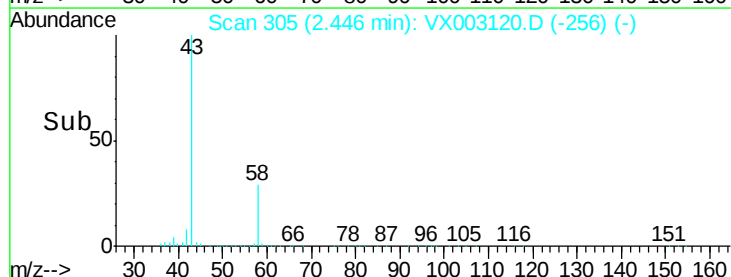
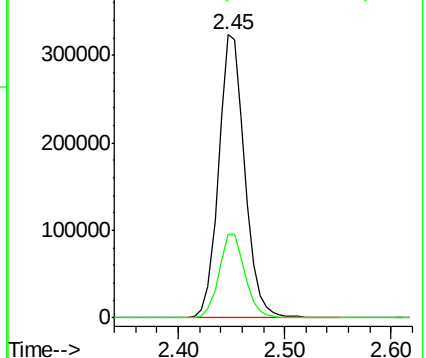
43 100

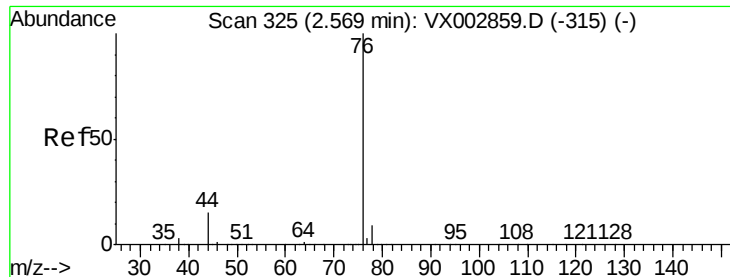
58 29.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

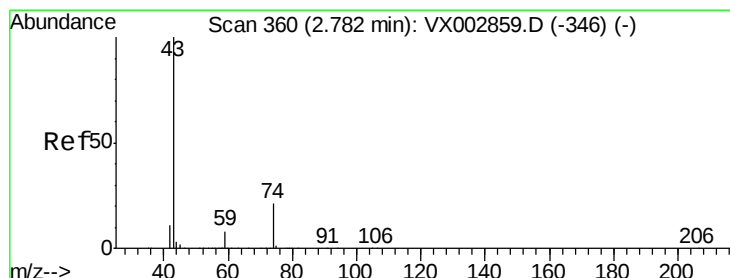
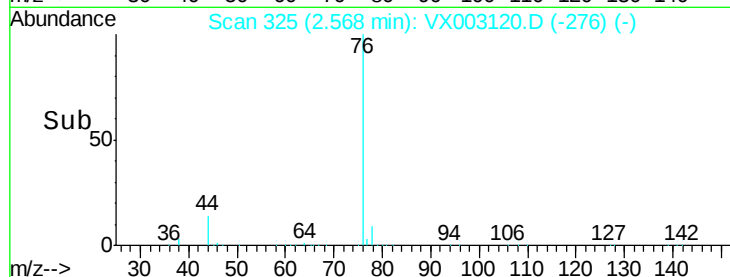
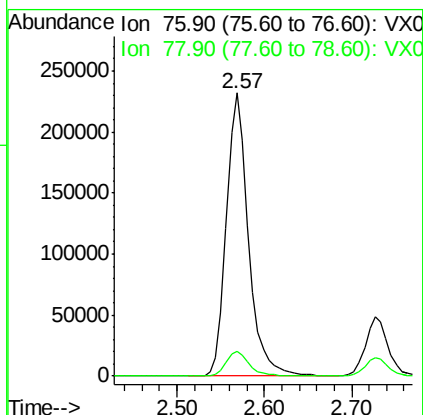
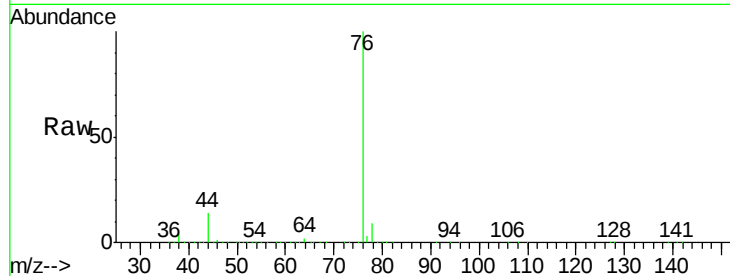




#17
Carbon Disulfide
Concen: 53.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

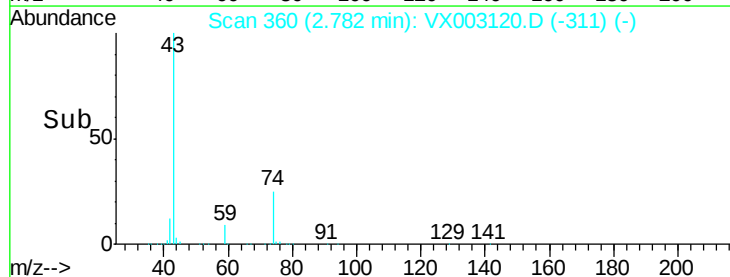
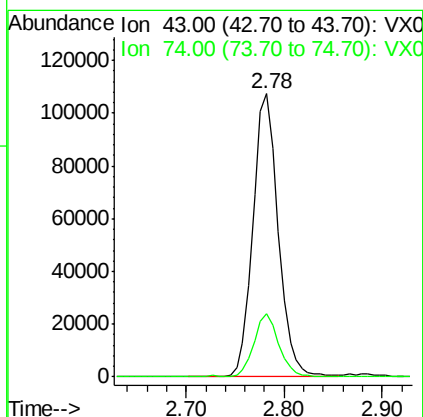
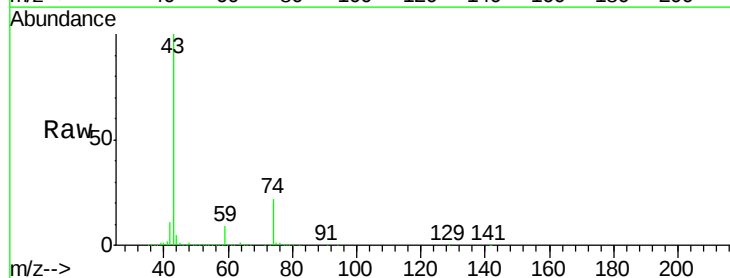
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

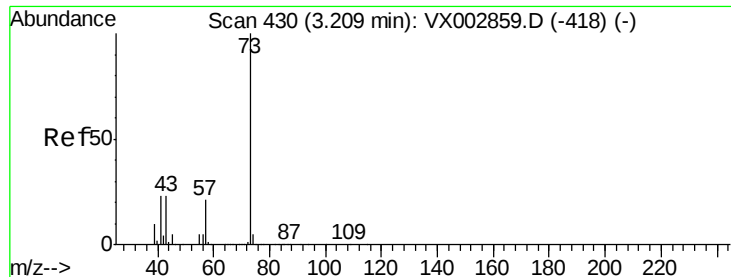
Tot Ion: 76 Resp: 407350
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 41.36 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 43 Resp: 192351
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

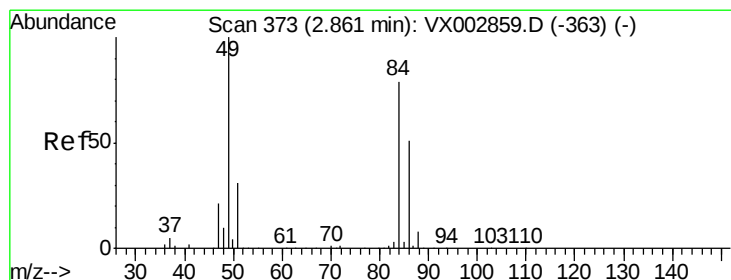
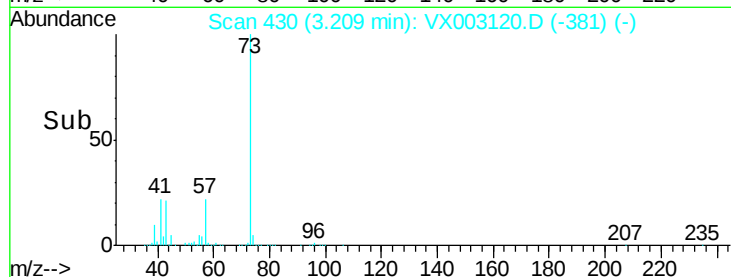
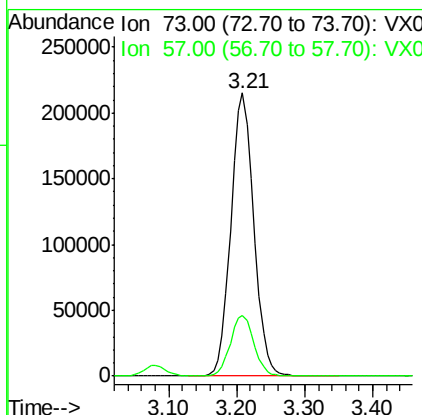
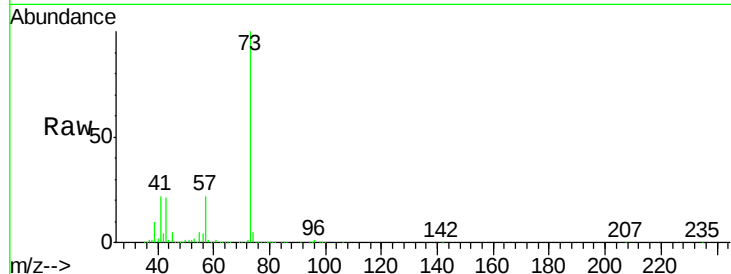




#19
Methvl tert-butvl Ether
Concen: 48.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

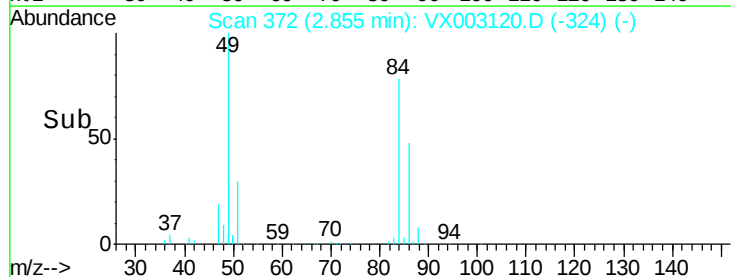
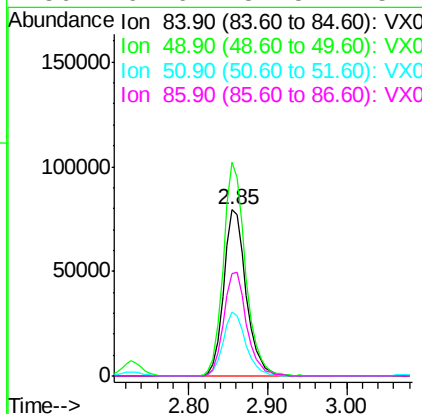
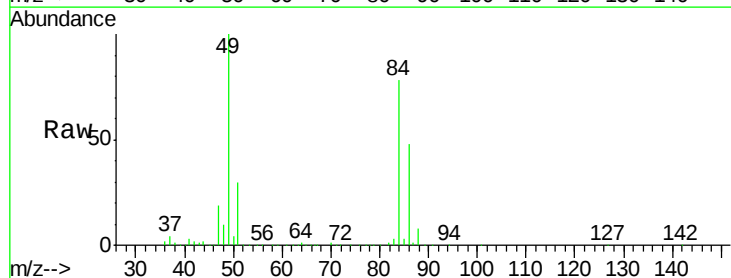
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

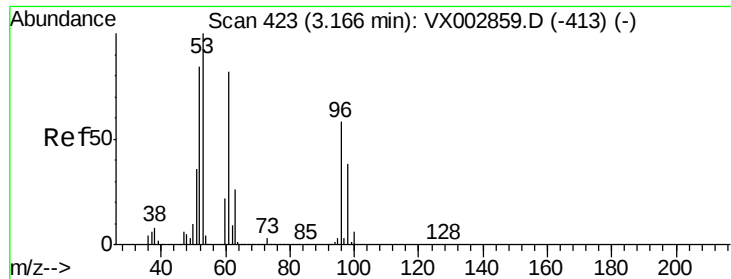
Tot Ion: 73 Resp: 502576
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 48.75 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 84 Resp: 157793
Ion Ratio Lower Upper
84 100
49 128.7 107.8 161.6
51 38.6 32.8 49.2
86 61.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.99 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

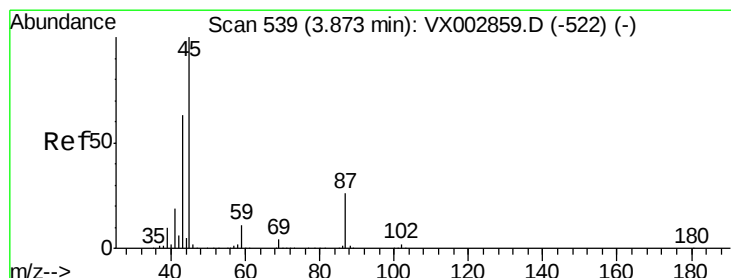
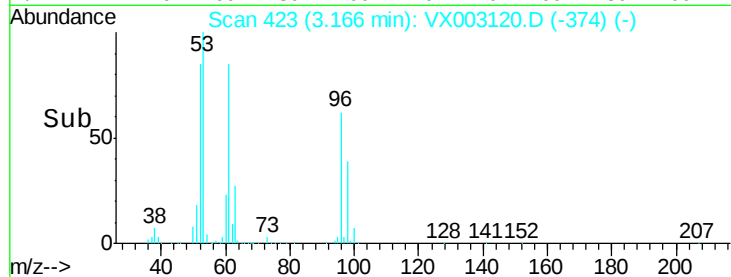
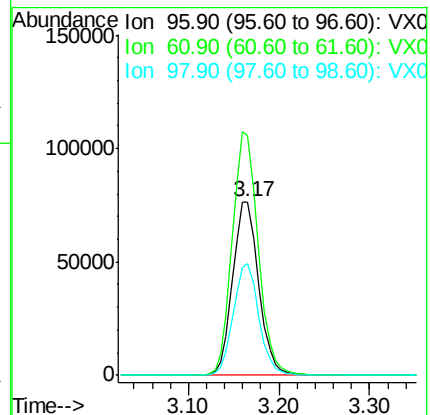
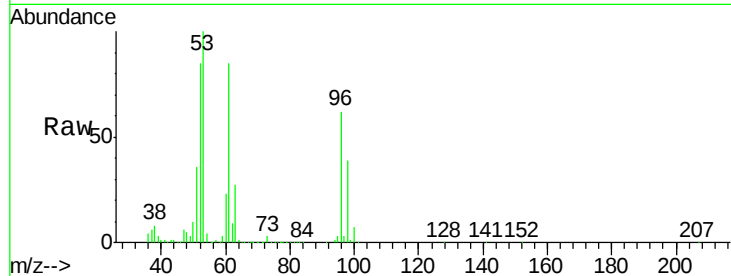
Tot Ion: 96 Resp: 152905

Ion Ratio Lower Upper

96 100

61 138.2 117.0 175.4

98 64.0 52.4 78.6



#22

Diisopropyl ether

Concen: 51.39 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion: 45 Resp: 554973

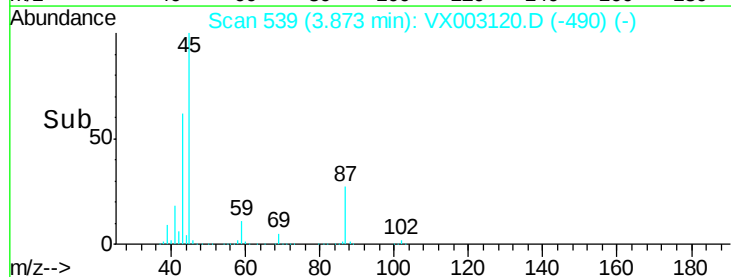
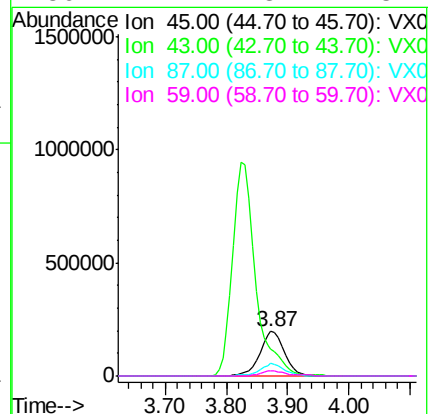
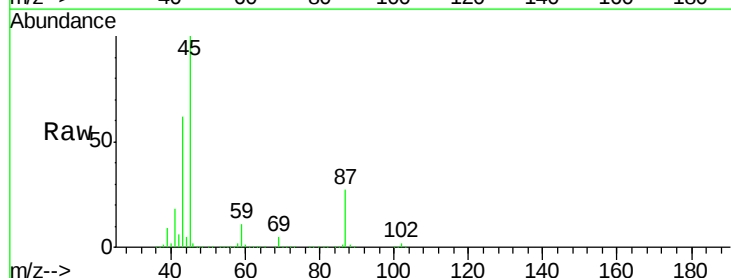
Ion Ratio Lower Upper

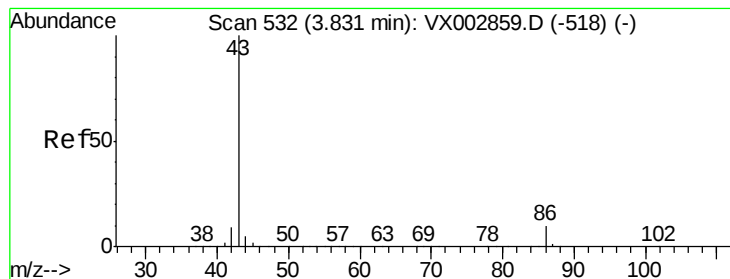
45 100

43 61.8 46.8 70.2

87 27.4 20.2 30.4

59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 269.26 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

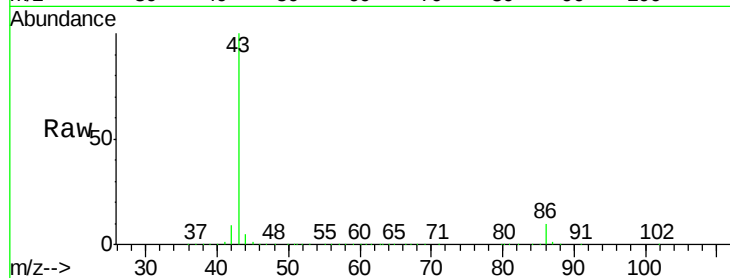
VSTDCCC050

Tot Ion: 43 Resp: 2461954

Ion Ratio Lower Upper

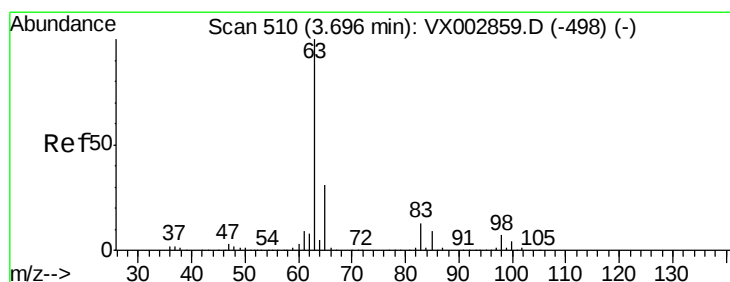
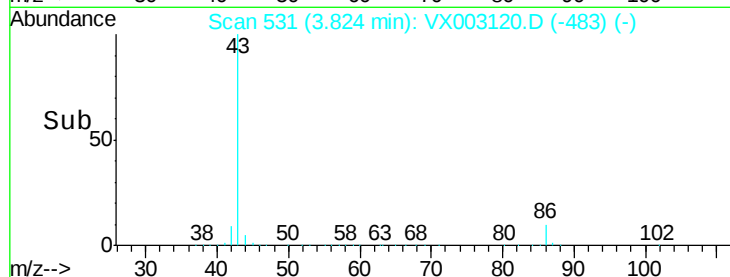
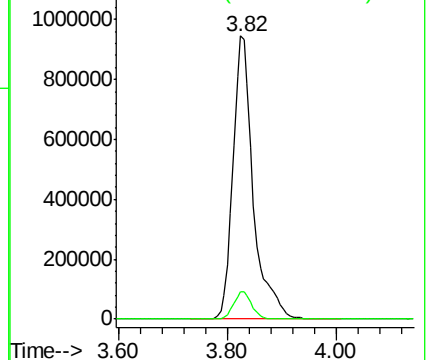
43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.97 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

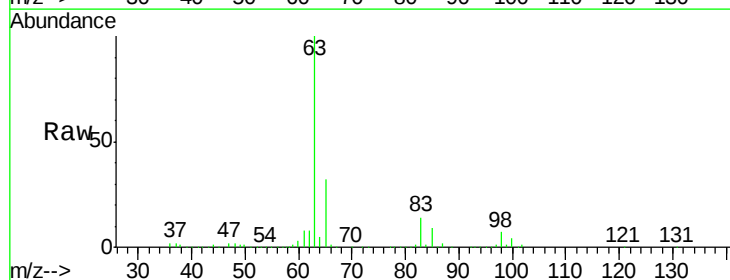
Tgt Ion: 63 Resp: 281524

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

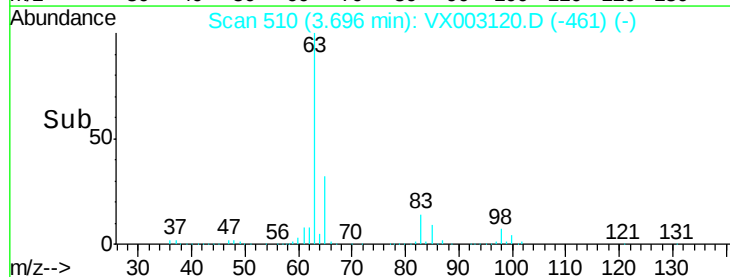
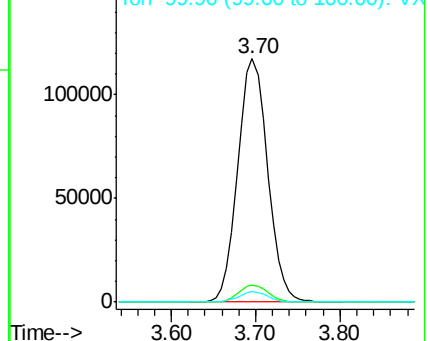
100 4.4 2.0 6.0

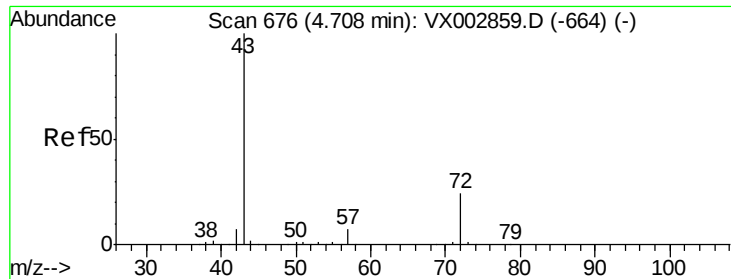


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 289.78 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

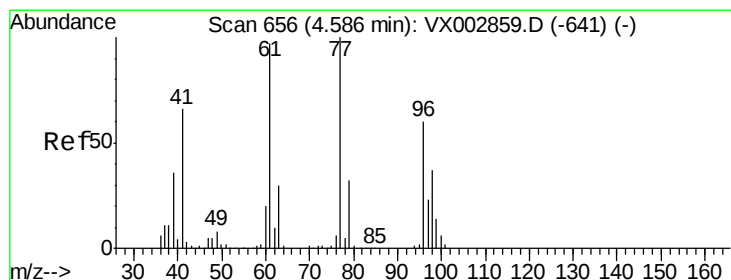
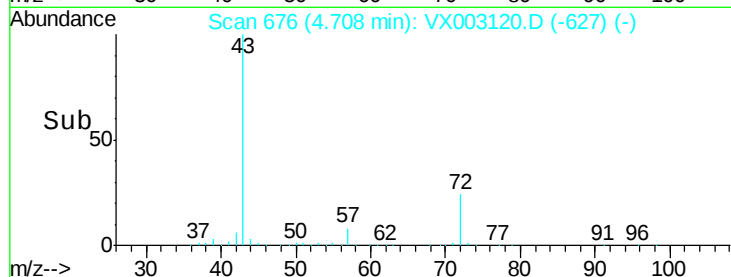
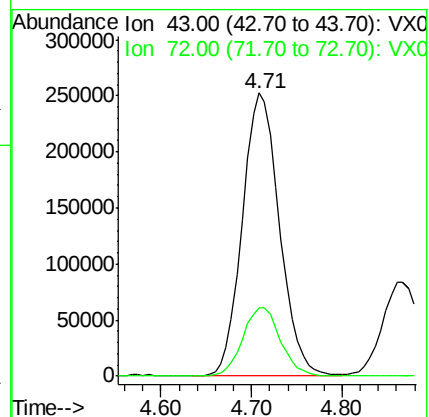
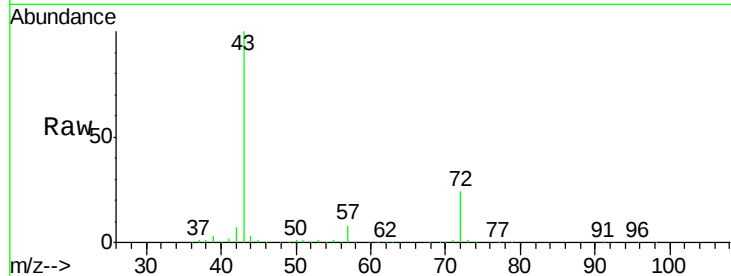
VSTDCCC050

Tot Ion: 43 Resp: 715325

Ion Ratio Lower Upper

43 100

72 24.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 52.36 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003120.D

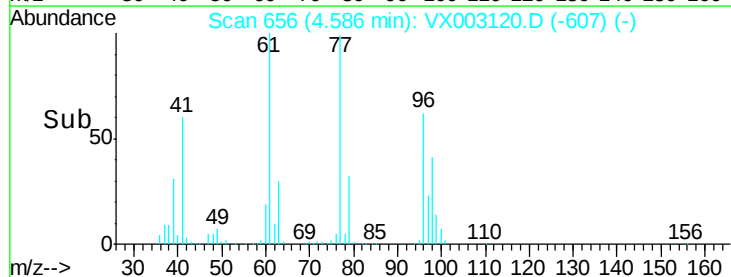
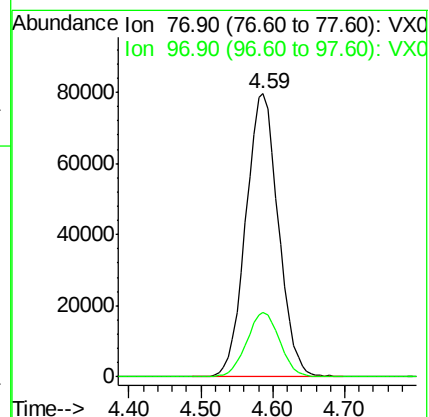
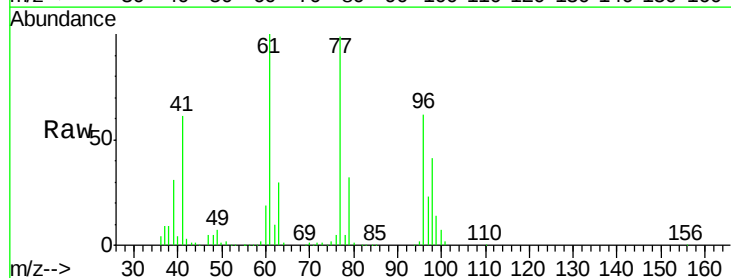
Acq: 02 Jul 2018 11:31

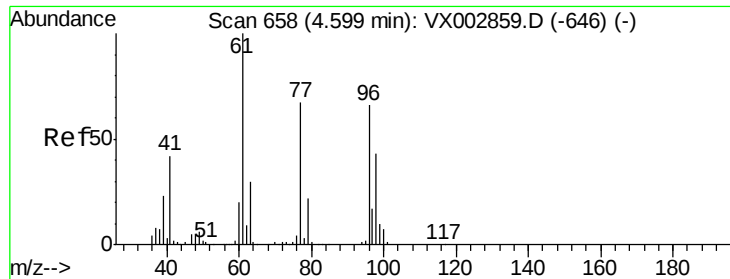
Tgt Ion: 77 Resp: 249880

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5



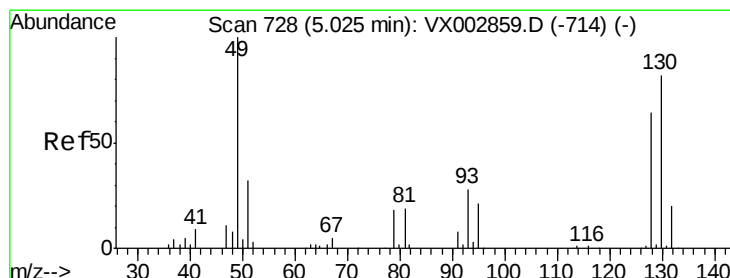
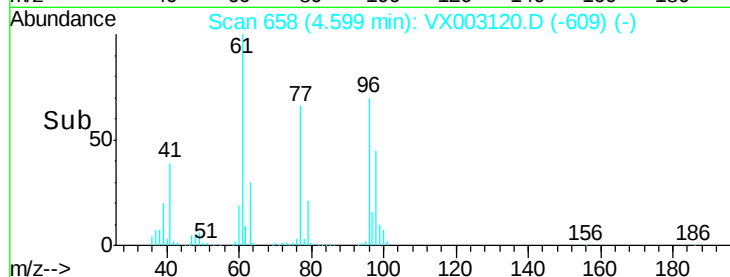
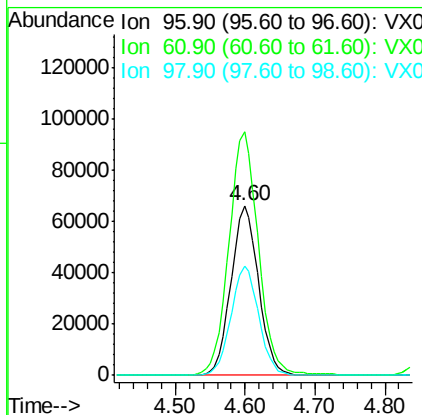
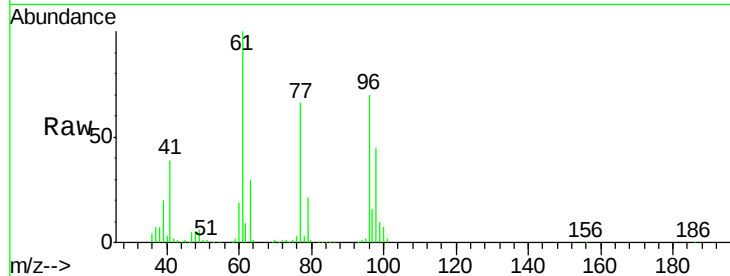


#27

cis-1,2-Dichloroethene
Concen: 51.80 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

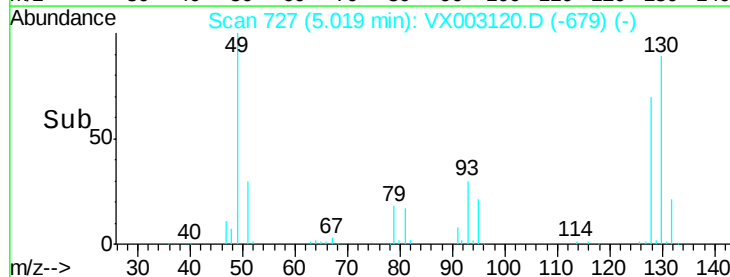
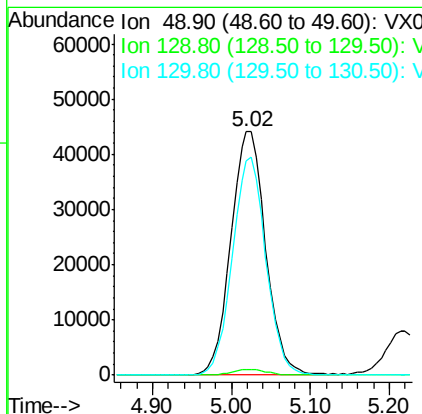
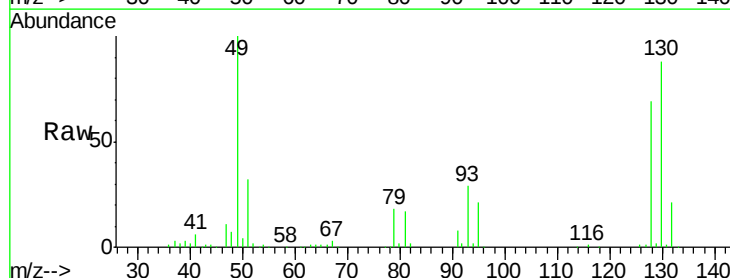
Tot Ion: 96 Resp: 181299
Ion Ratio Lower Upper
96 100
61 153.9 0.0 330.2
98 64.8 0.0 130.2

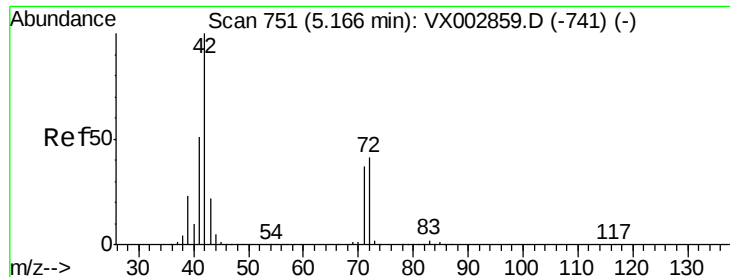


#28

Bromochloromethane
Concen: 48.19 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 49 Resp: 135388
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 86.0 61.2 91.8

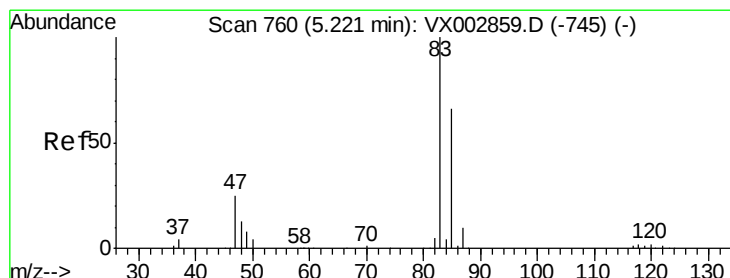
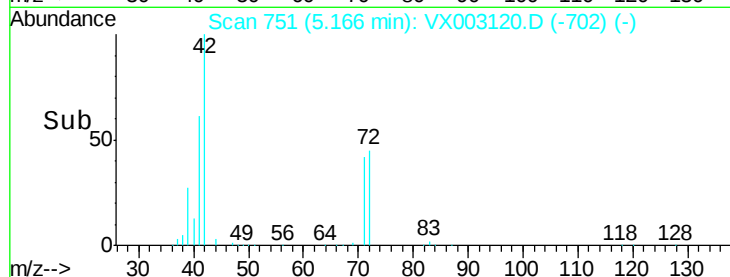
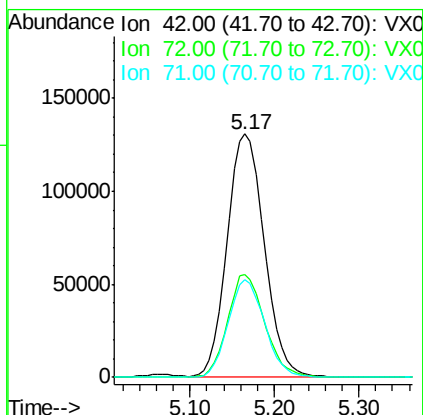
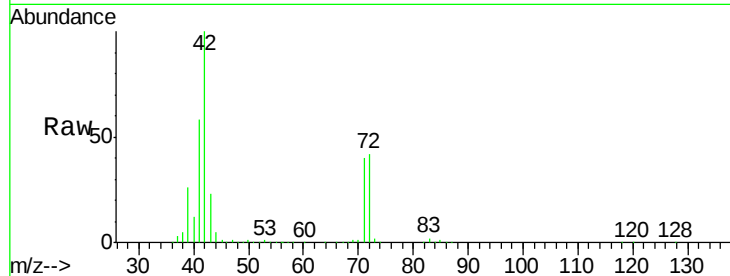




#29
Tetrahydrofuran
Concen: 246.83 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

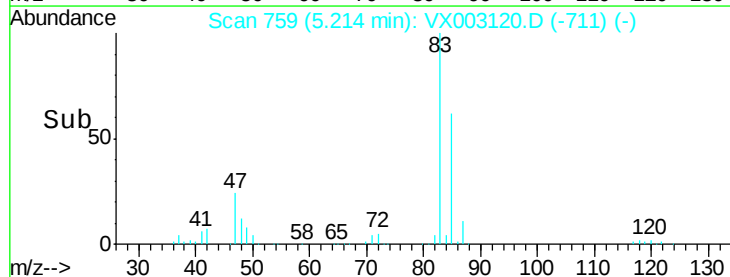
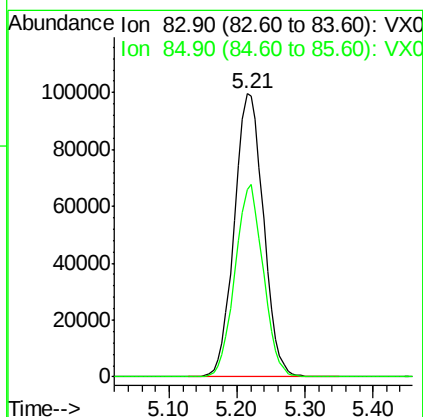
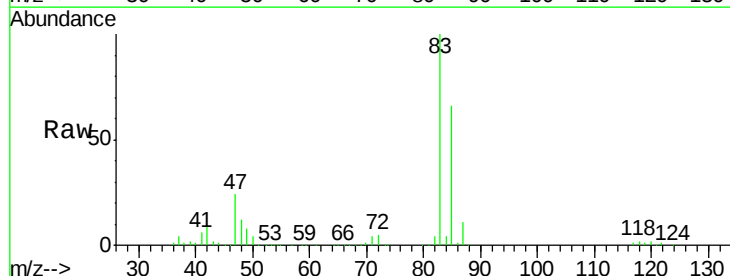
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

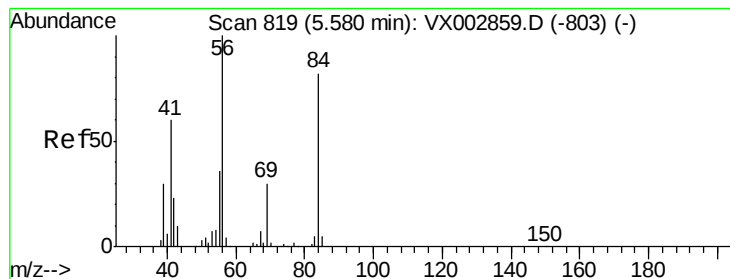
Tot Ion: 42 Resp: 390724
Ion Ratio Lower Upper
42 100
72 42.4 32.0 48.0
71 39.6 30.1 45.1



#30
Chloroform
Concen: 49.28 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 83 Resp: 296846
Ion Ratio Lower Upper
83 100
85 66.3 50.4 75.6





#31

Cyclohexane

Concen: 51.42 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

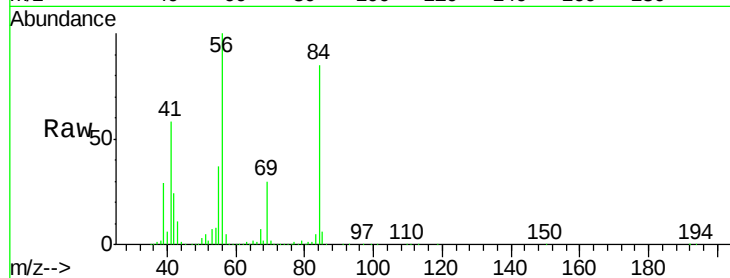
Tot Ion: 56 Resp: 259020

Ion Ratio Lower Upper

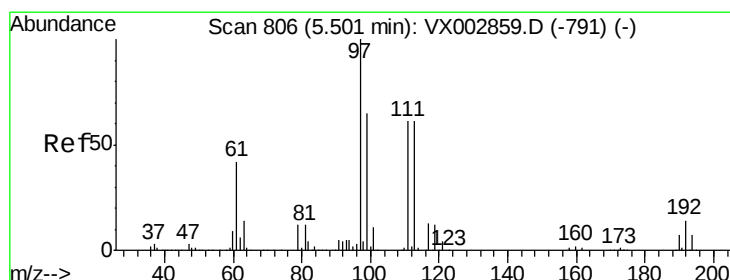
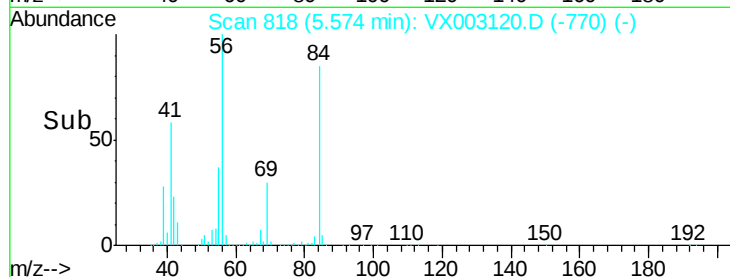
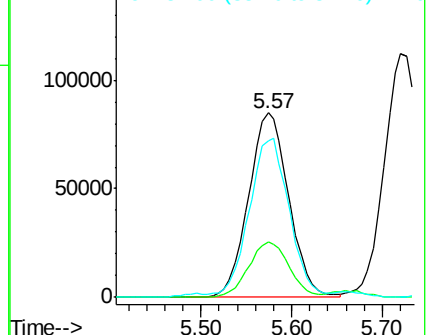
56 100

69 30.0 23.7 35.5

84 83.8 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 50.47 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

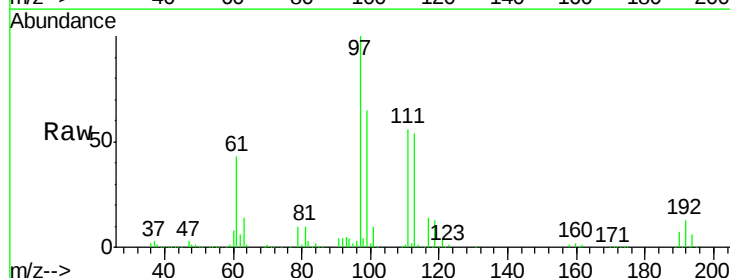
Tgt Ion: 97 Resp: 267486

Ion Ratio Lower Upper

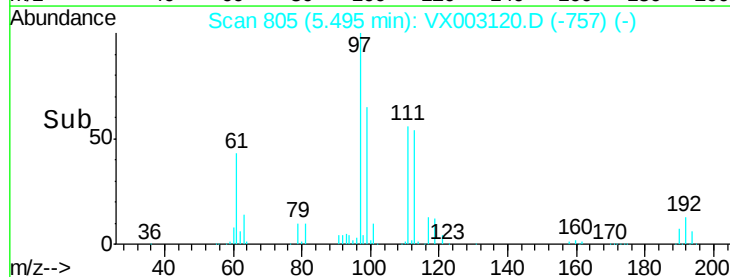
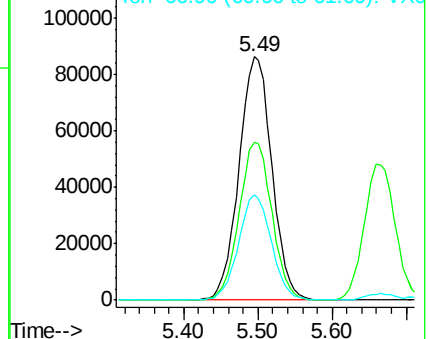
97 100

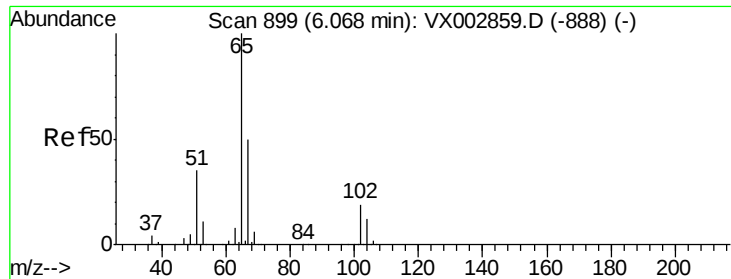
99 64.7 51.6 77.4

61 43.3 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 46.41 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

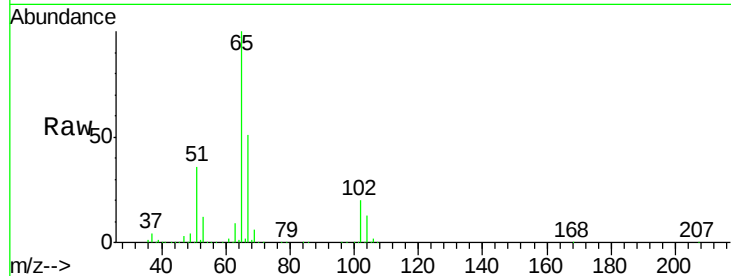
VSTDCCC050

Tot Ion: 65 Resp: 186400

Ion Ratio Lower Upper

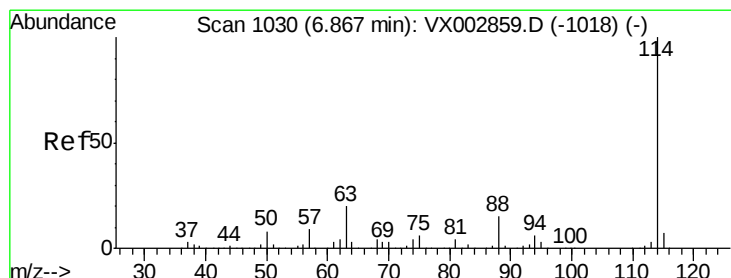
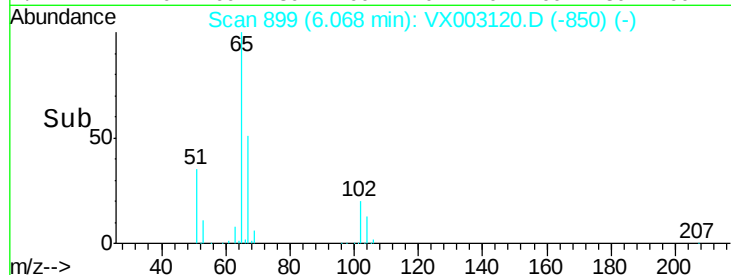
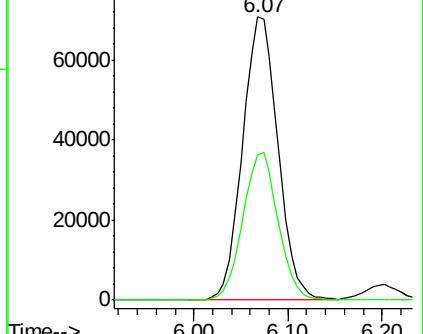
65 100

67 52.1 0.0 102.6



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: VX003120.D

Acq: 02 Jul 2018 11:31

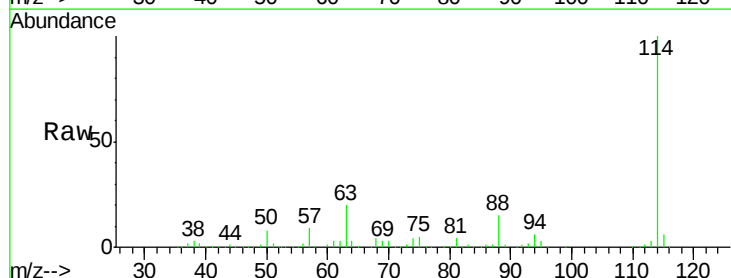
Tgt Ion: 114 Resp: 381299

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

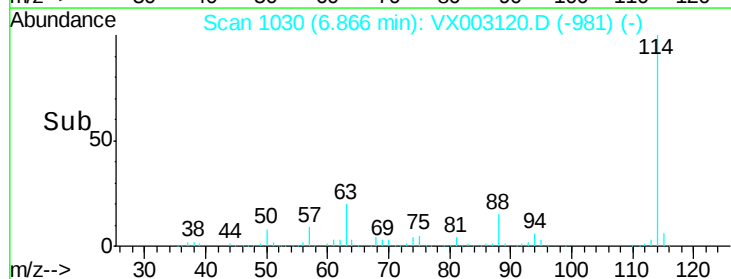
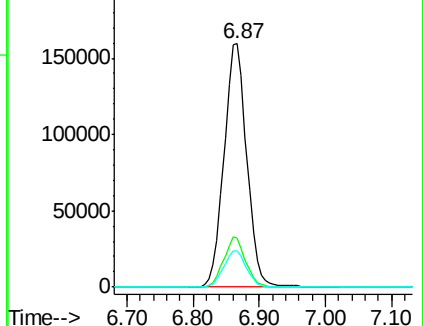
88 15.0 0.0 30.0



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

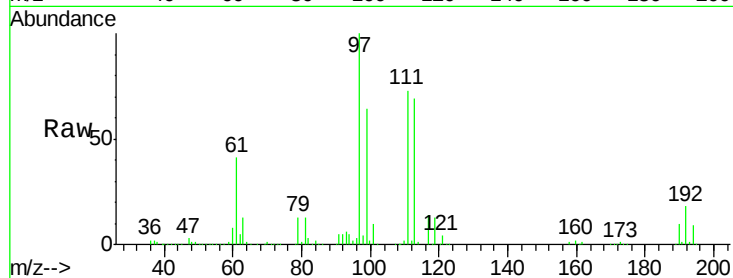




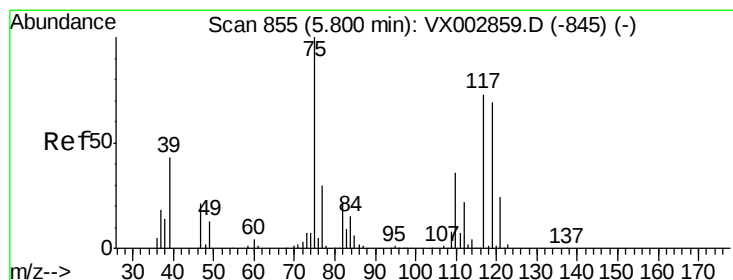
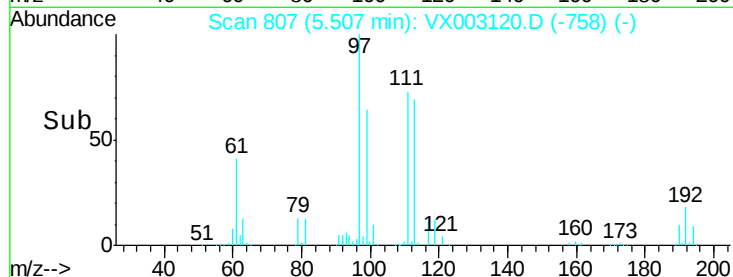
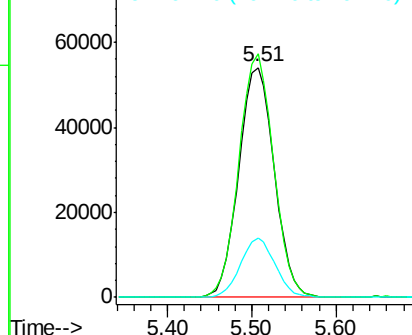
#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 154668
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 25.0 19.1 28.7

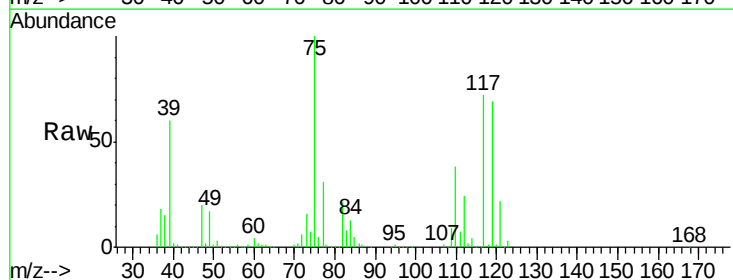


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

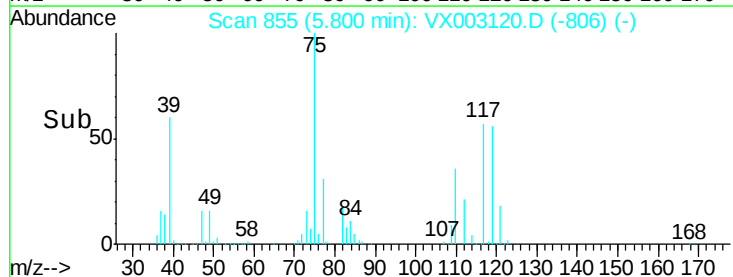
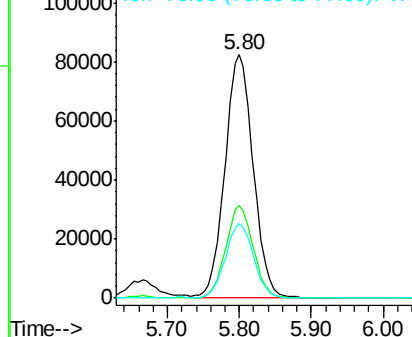


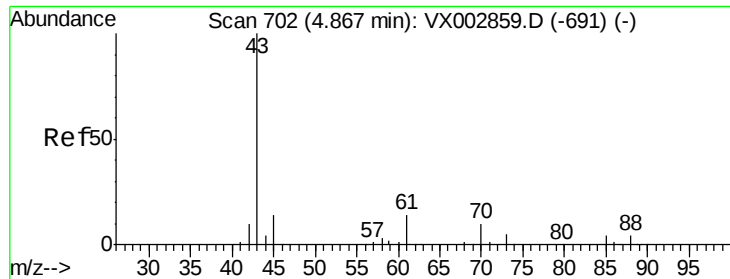
#36
1,1-Dichloropropene
Concen: 53.63 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 75 Resp: 224265
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 30.5 24.3 36.5



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

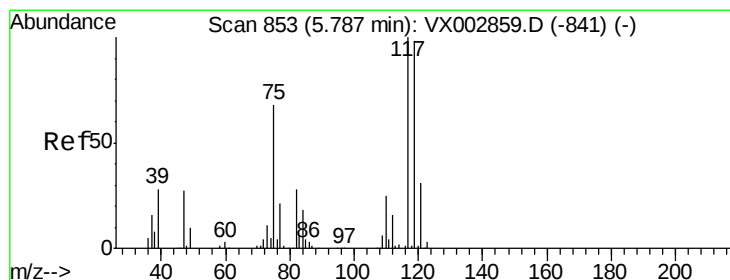
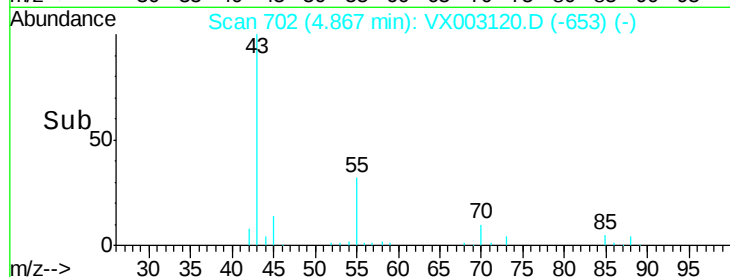
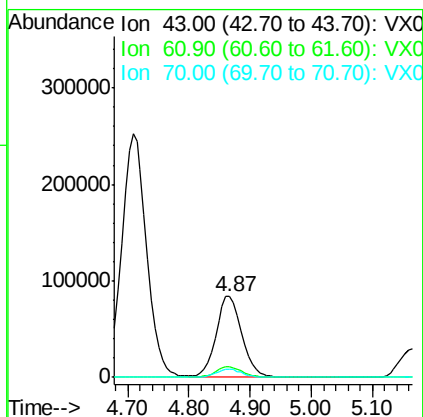
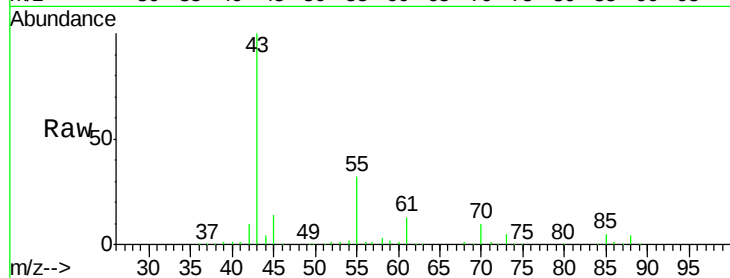




#37
Ethyl Acetate
Concen: 55.02 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

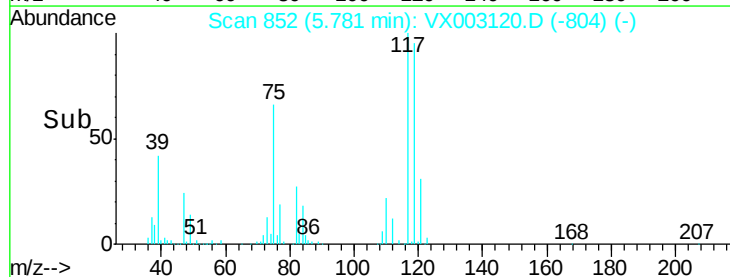
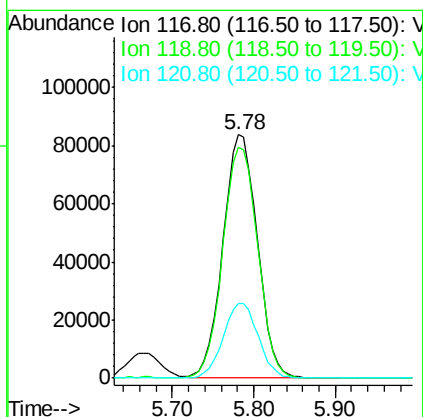
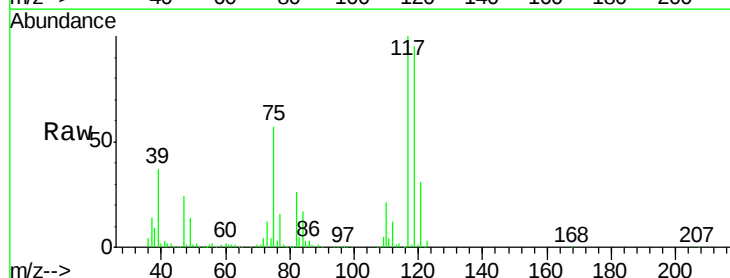
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

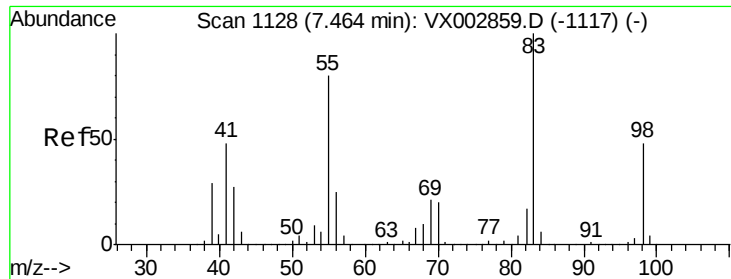
Tot Ion: 43 Resp: 247719
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.38 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 117 Resp: 244919
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.0
121 30.7 24.4 36.6

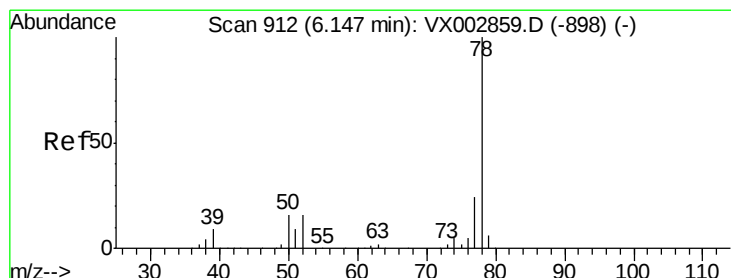
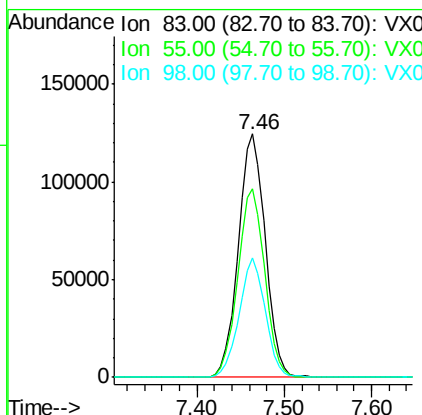
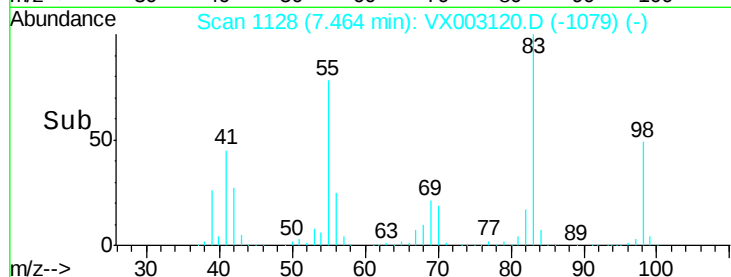
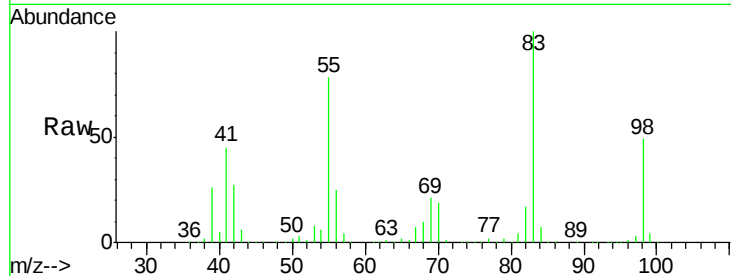




#39
Methvlcvclohexane
Concen: 54.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

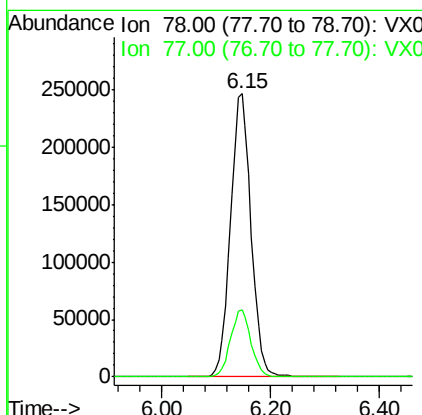
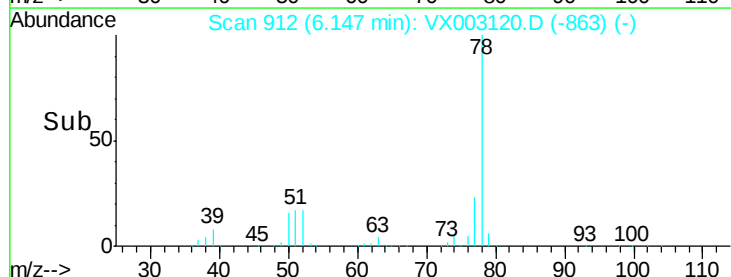
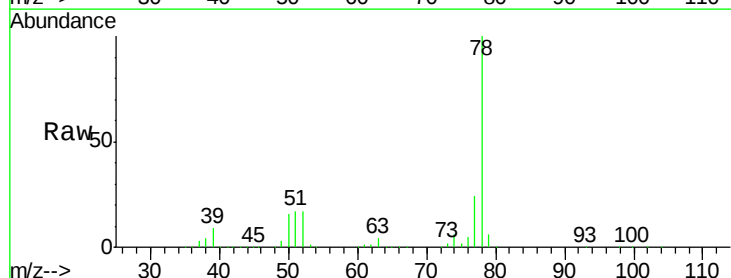
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

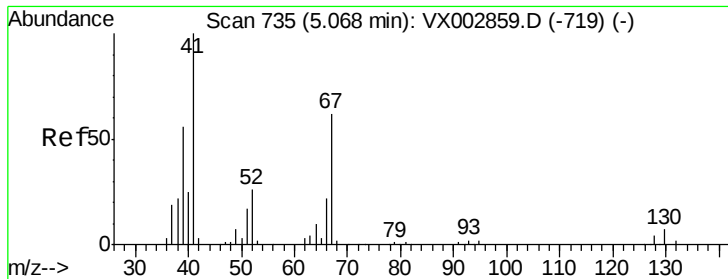
Tot Ion: 83 Resp: 266549
Ion Ratio Lower Upper
83 100
55 77.6 65.4 98.0
98 48.9 37.4 56.0



#40
Benzene
Concen: 53.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 78 Resp: 649232
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41

Methacrylonitrile

Concen: 53.08 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 137615

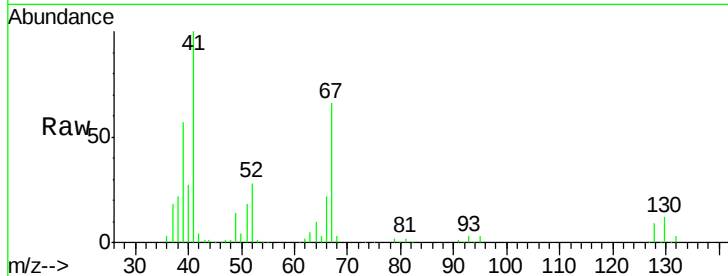
Ion Ratio Lower Upper

41 100

39 55.6 45.8 68.6

67 67.2 51.3 76.9

52 29.0 23.0 34.6

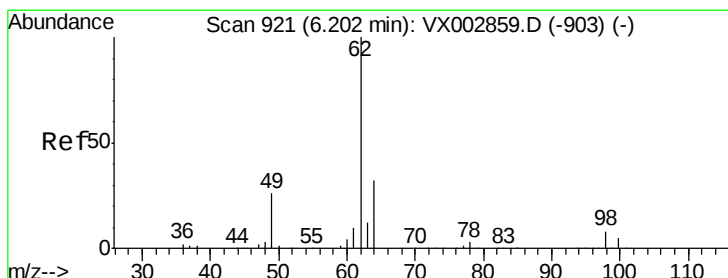
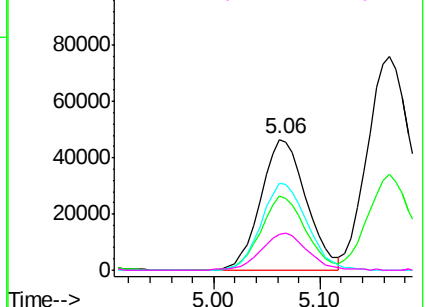
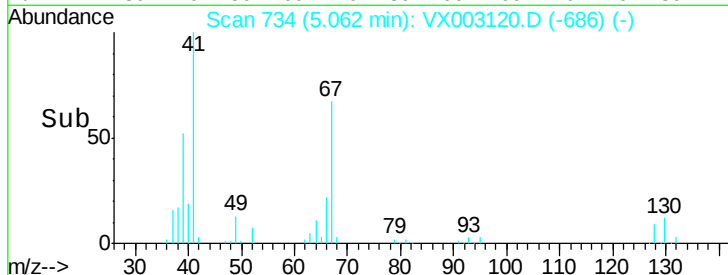


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.71 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX003120.D

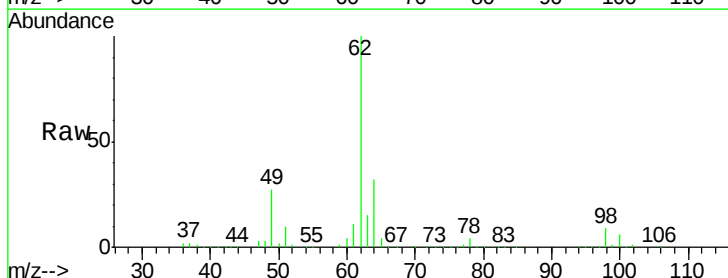
Acq: 02 Jul 2018 11:31

Tgt Ion: 62 Resp: 243955

Ion Ratio Lower Upper

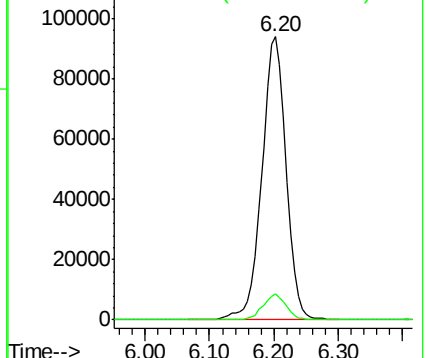
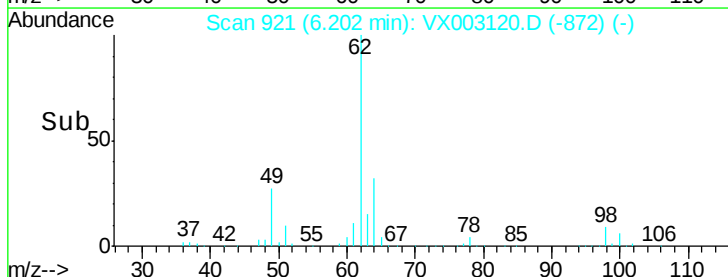
62 100

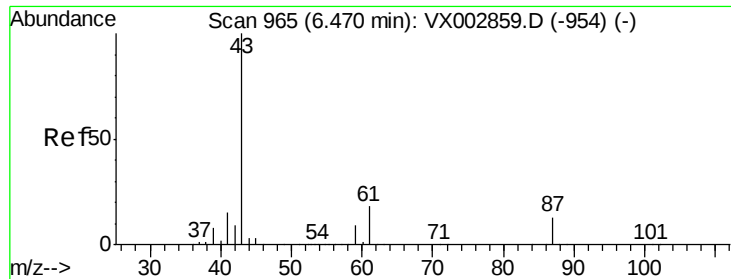
98 8.7 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



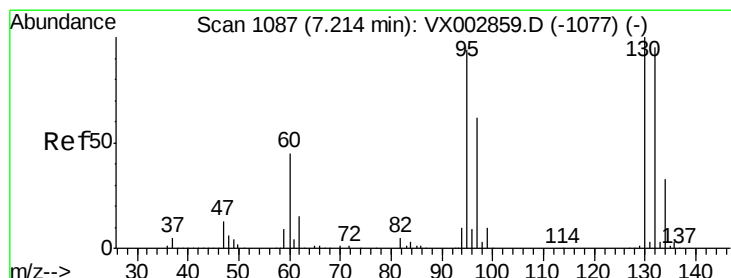
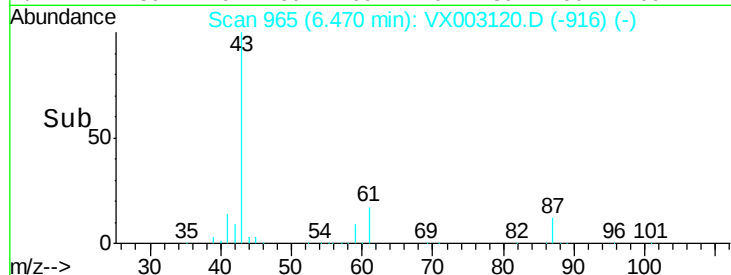
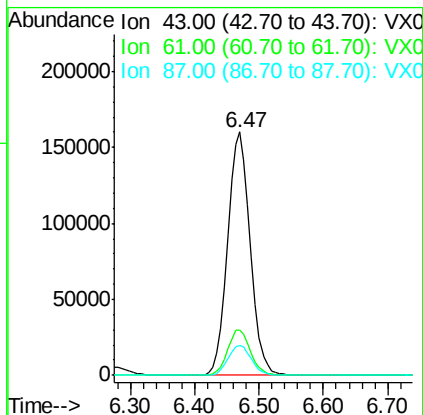
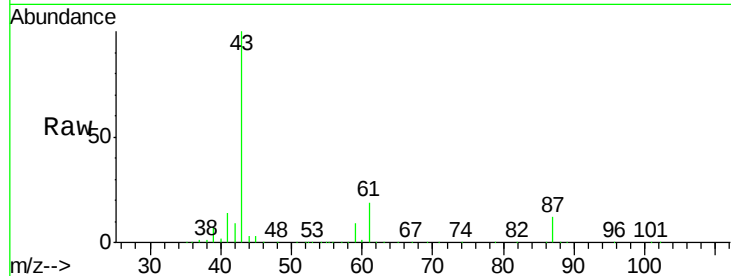


#43

Isopropyl Acetate
 Concen: 52.08 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

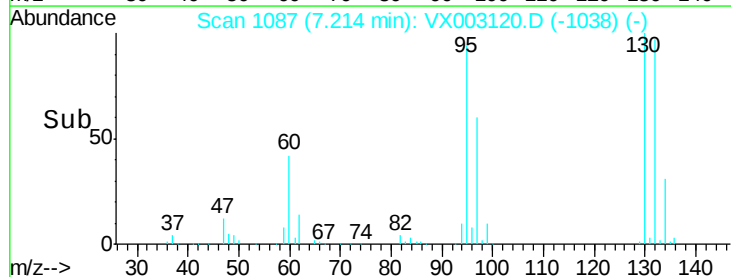
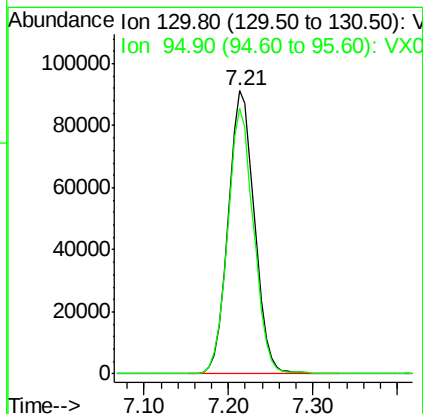
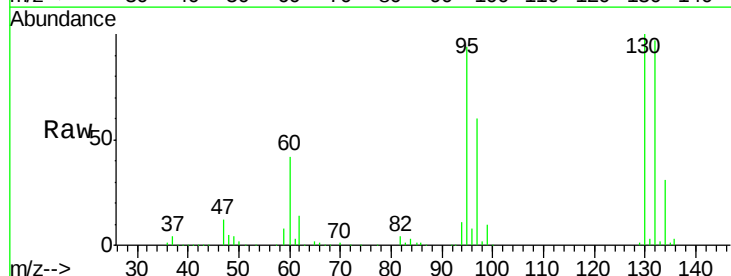
Tot Ion: 43 Resp: 393273
 Ion Ratio Lower Upper
 43 100
 61 18.9 14.4 21.6
 87 12.9 9.5 14.3

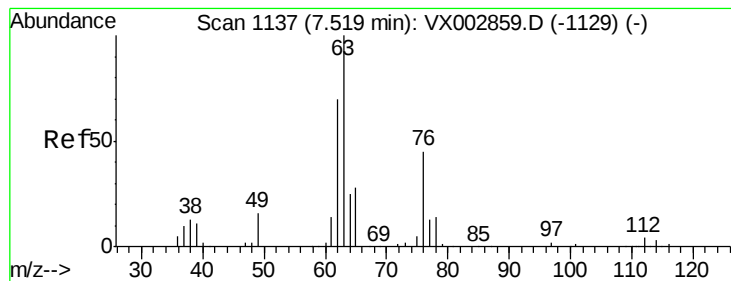


#44

Trichloroethene
 Concen: 53.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion: 130 Resp: 193321
 Ion Ratio Lower Upper
 130 100
 95 93.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 52.65 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

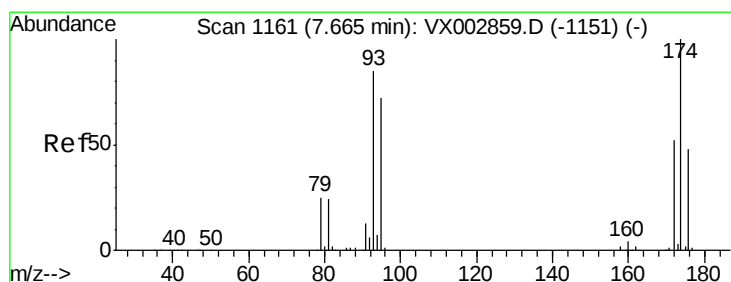
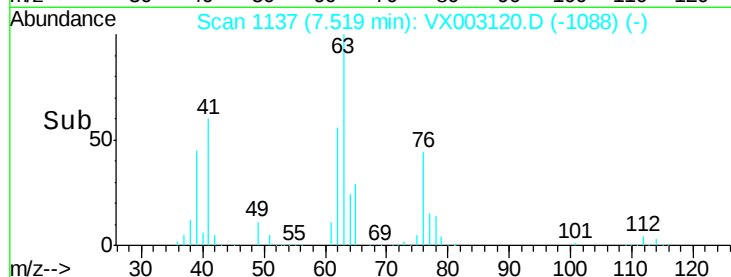
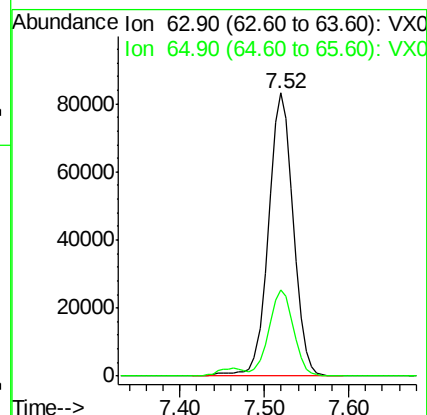
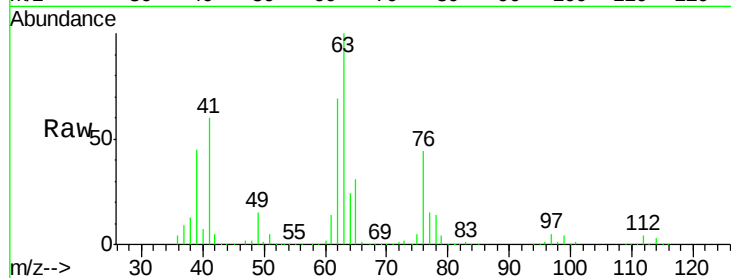
VSTDCCC050

Tot Ion: 63 Resp: 169667

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 52.07 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

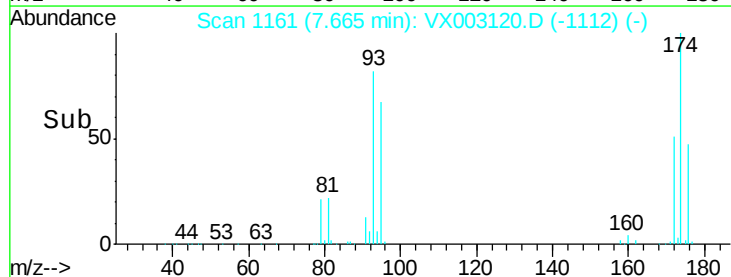
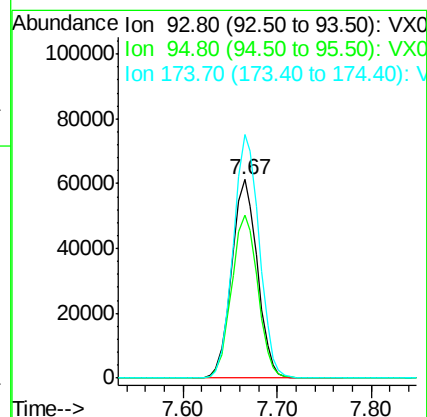
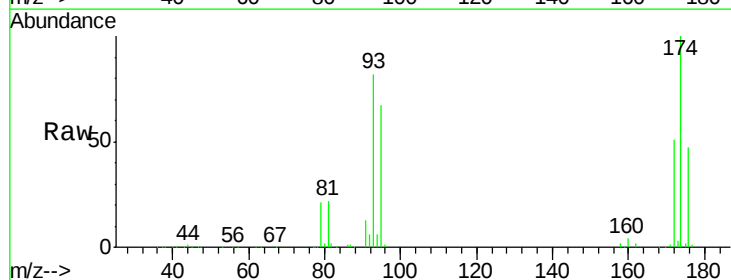
Tgt Ion: 93 Resp: 116455

Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

174 124.0 92.4 138.6





#47

Bromodichloromethane

Concen: 53.85 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

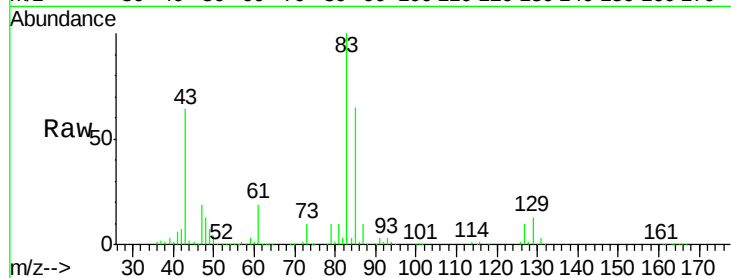
Tot Ion: 83 Resp: 222649

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

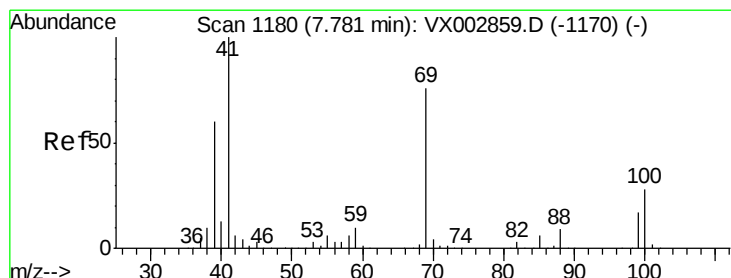
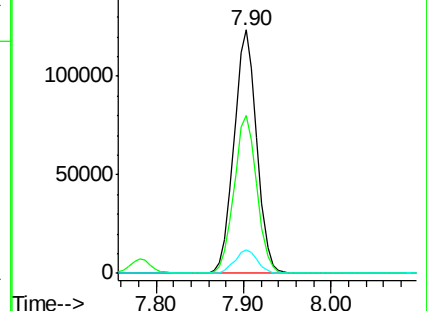
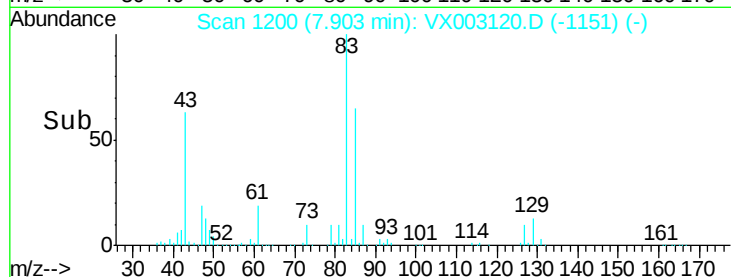
127 9.9 7.0 10.4



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: 52.12 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

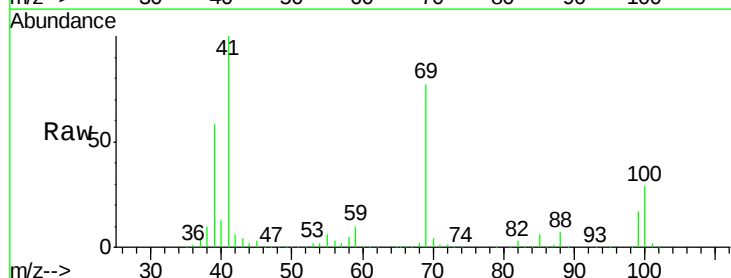
Tgt Ion: 41 Resp: 202788

Ion Ratio Lower Upper

41 100

69 78.5 59.1 88.7

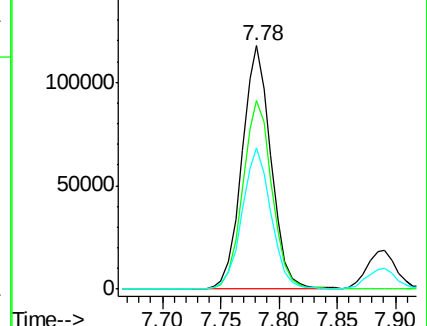
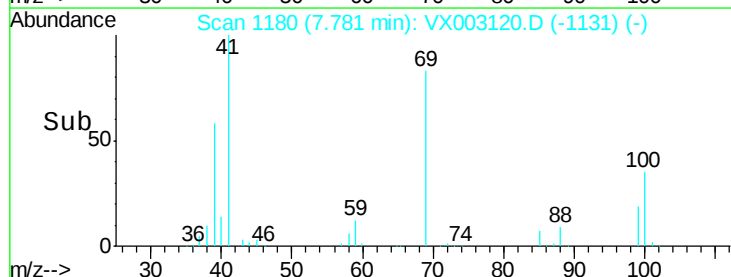
39 57.8 48.9 73.3

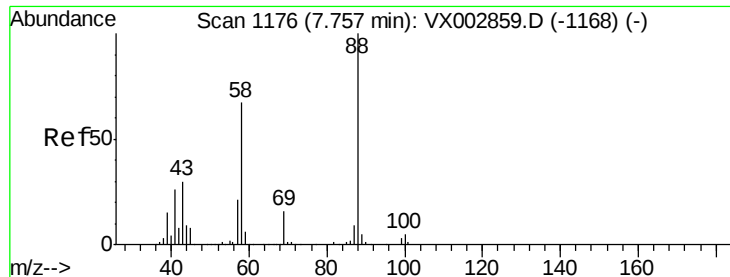


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

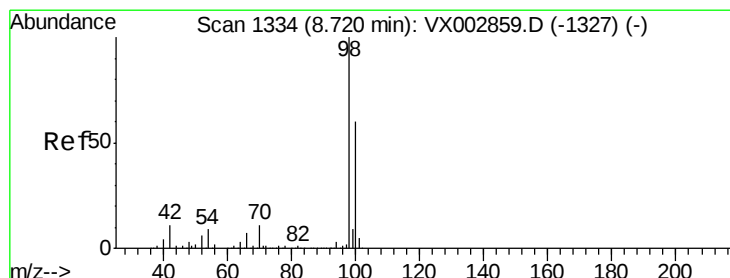
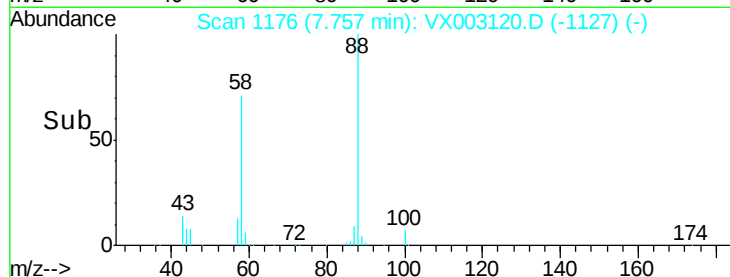
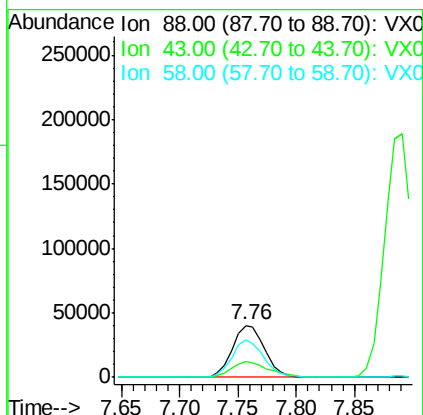
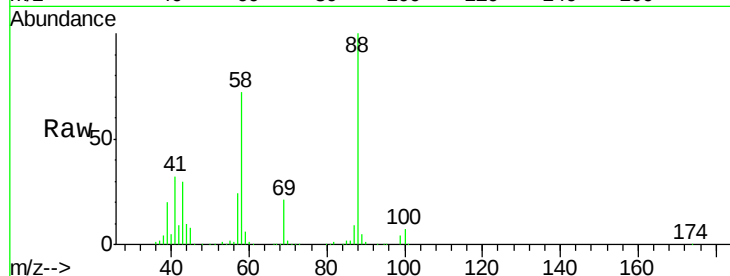




#49
1,4-Dioxane
Concen: 1027.86 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

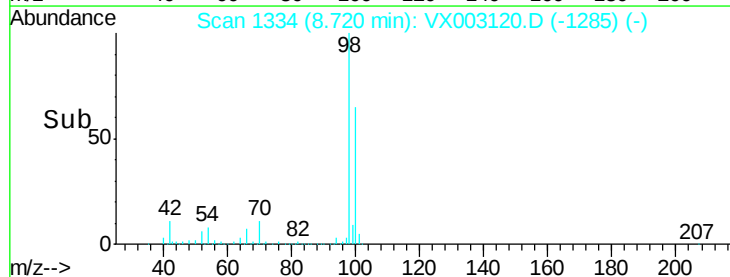
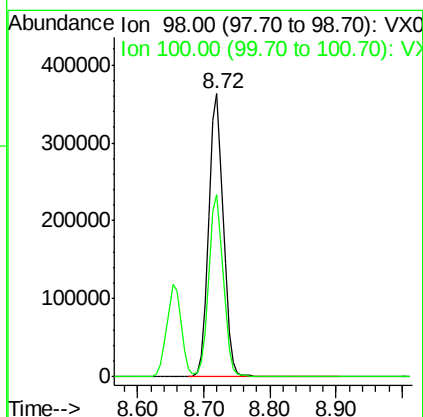
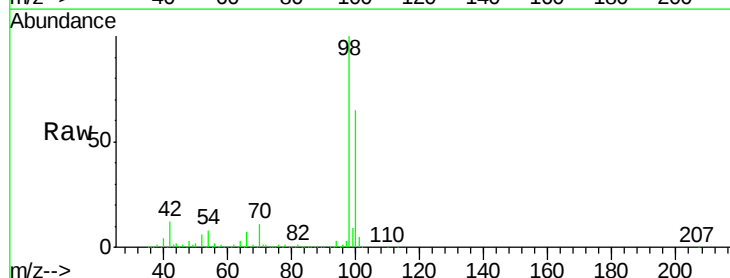
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

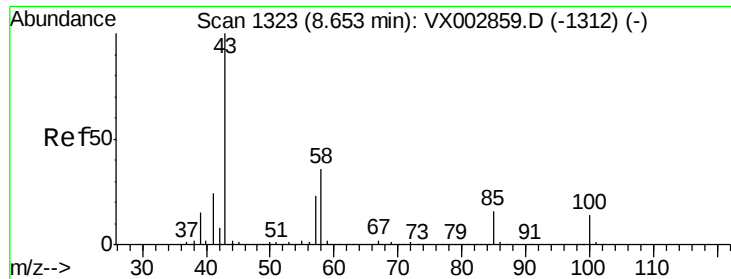
Tot Ion: 88 Resp: 77802
Ion Ratio Lower Upper
88 100
43 34.2 29.8 44.6
58 71.7 57.1 85.7



#50
Toluene-d8
Concen: 50.88 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 98 Resp: 561043
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 263.27 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

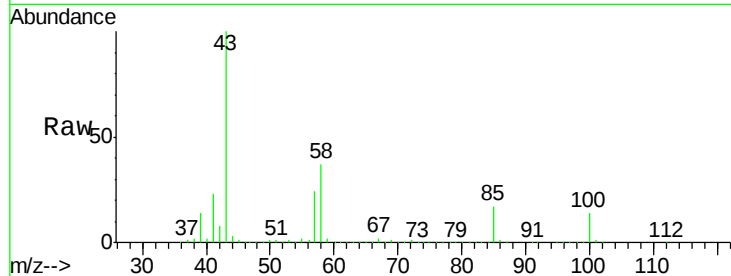
VSTDCCC050

Tot Ion: 43 Resp: 1243746

Ion Ratio Lower Upper

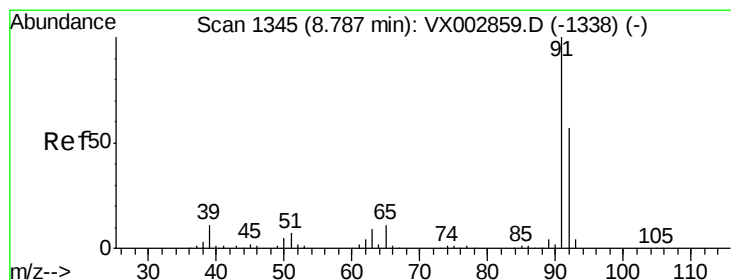
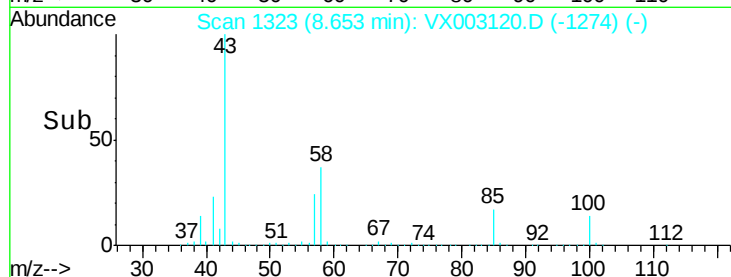
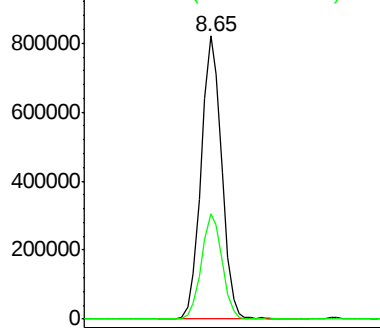
43 100

58 37.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003120.D

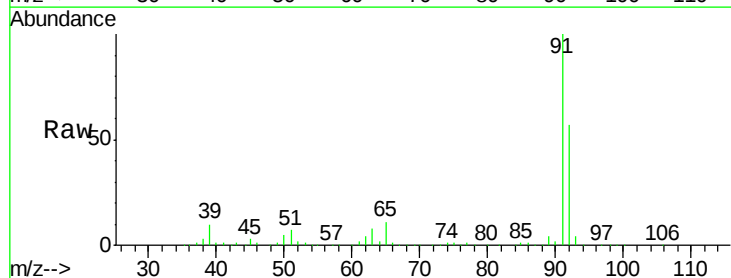
Acq: 02 Jul 2018 11:31

Tgt Ion: 92 Resp: 421917

Ion Ratio Lower Upper

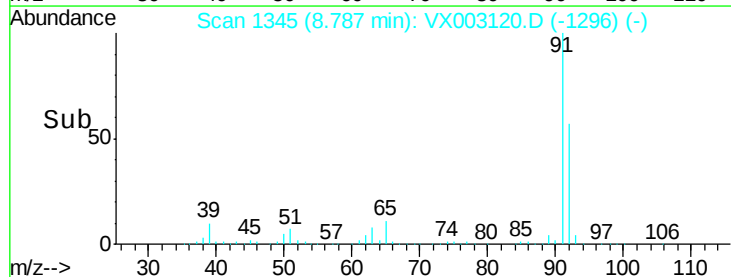
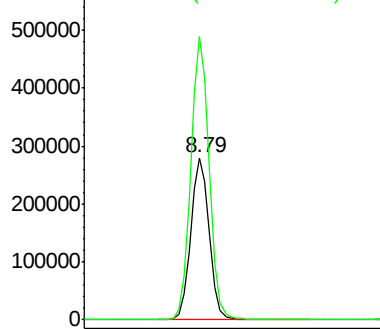
92 100

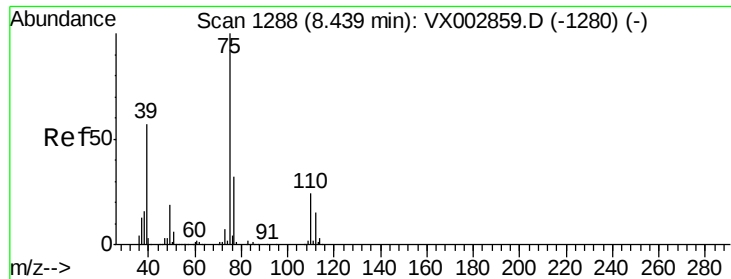
91 174.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

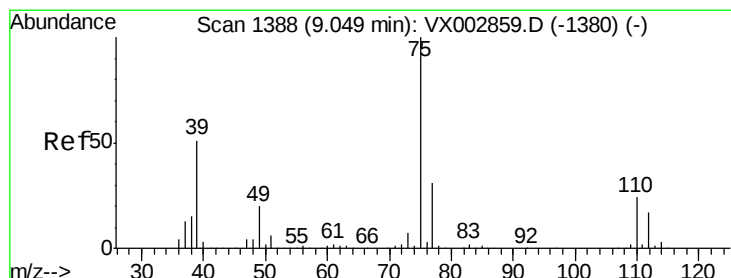
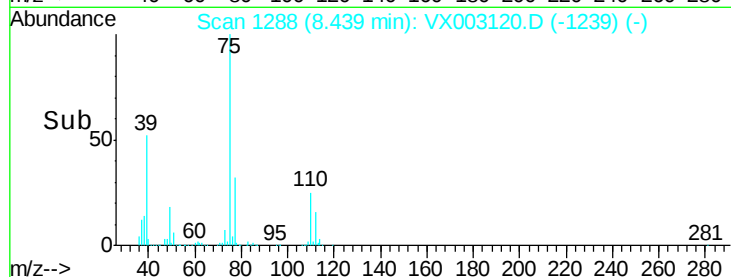
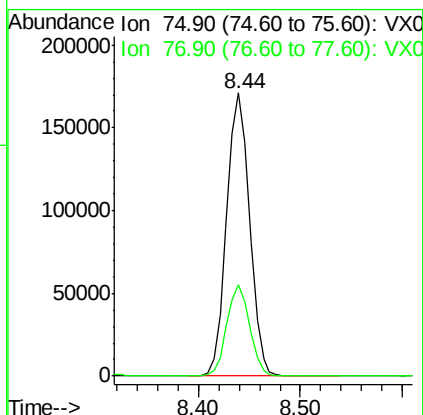
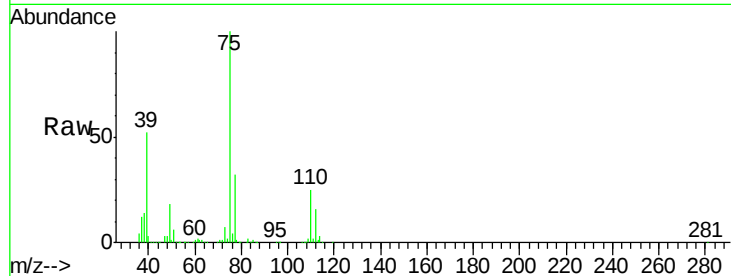




#53
 t-1,3-Dichloropropene
 Concen: 57.01 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

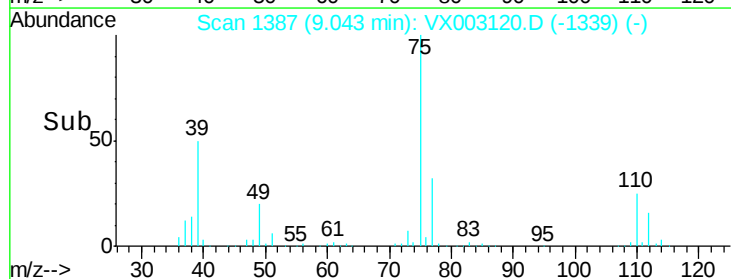
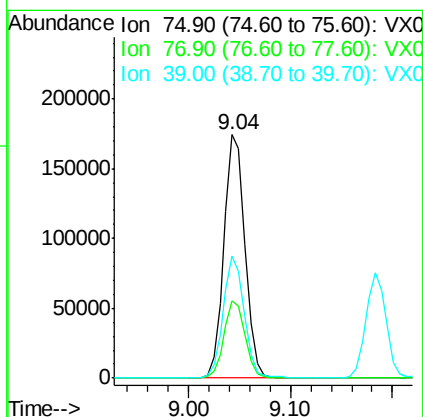
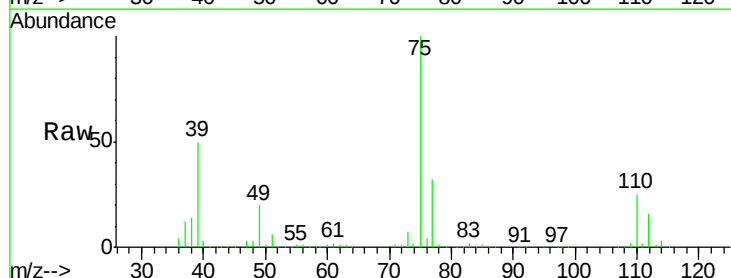
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 266943
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 55.30 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion: 75 Resp: 249147
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 49.8 42.4 63.6

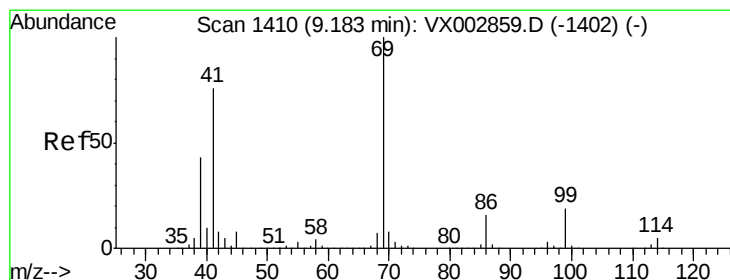
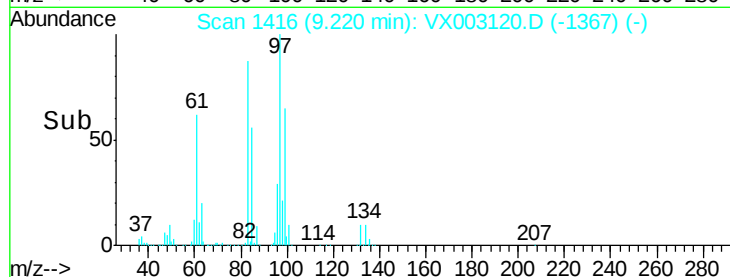
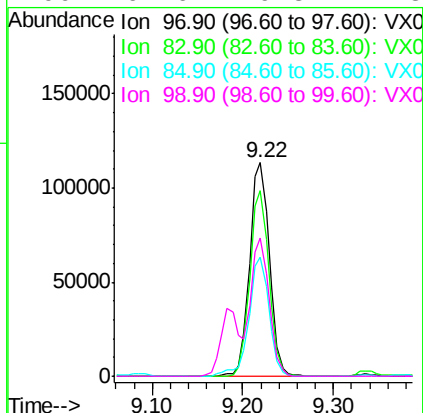
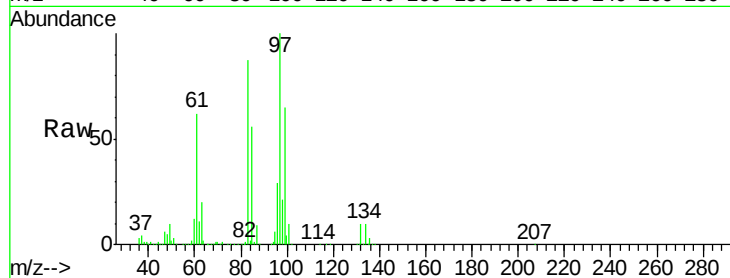




#55
 1,1,2-Trichloroethane
 Concen: 53.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

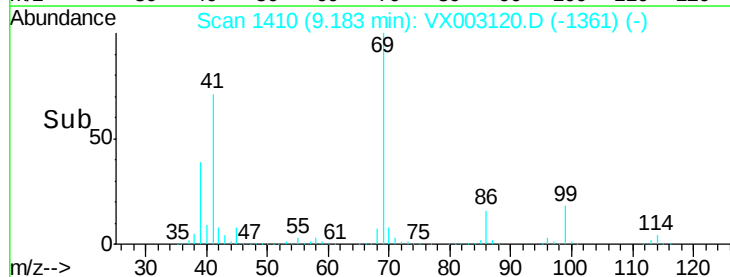
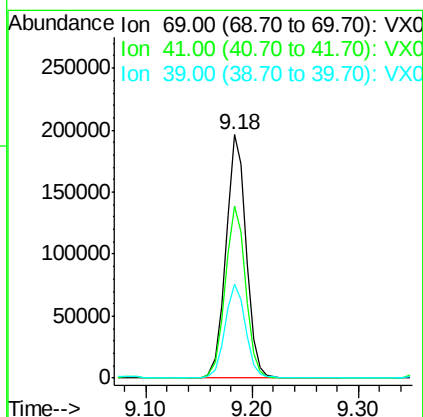
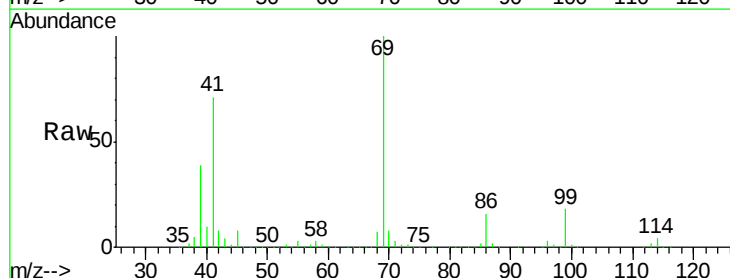
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

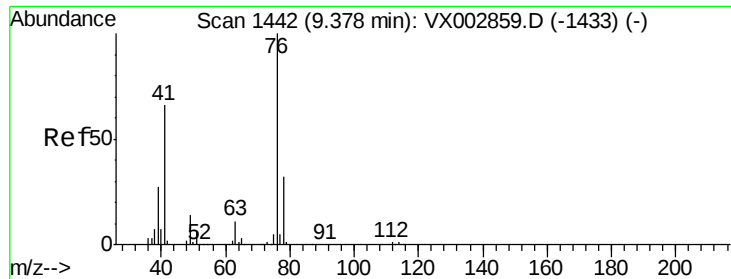
Tot Ion:	97	Resp:	171841
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.2	105.2
85	55.6	44.9	67.3
99	64.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 55.96 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion:	69	Resp:	261560
Ion	Ratio	Lower	Upper
69	100		
41	71.1	60.3	90.5
39	38.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.83 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

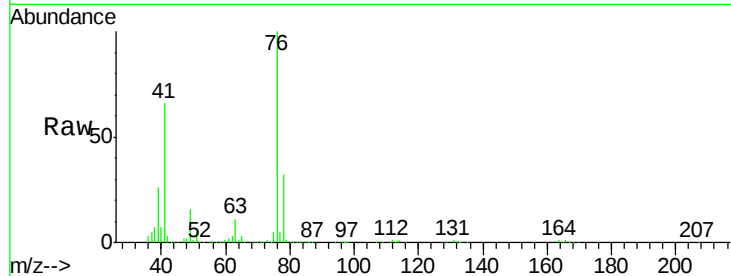
VSTDCCC050

Tot Ion: 76 Resp: 277504

Ion Ratio Lower Upper

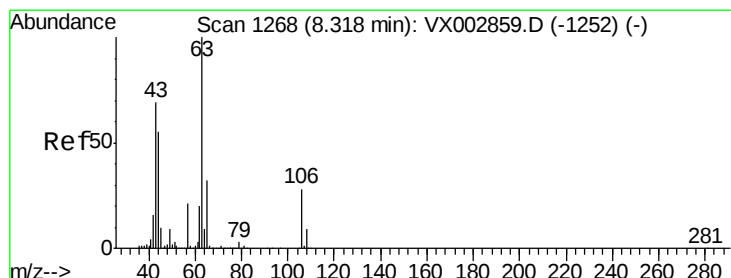
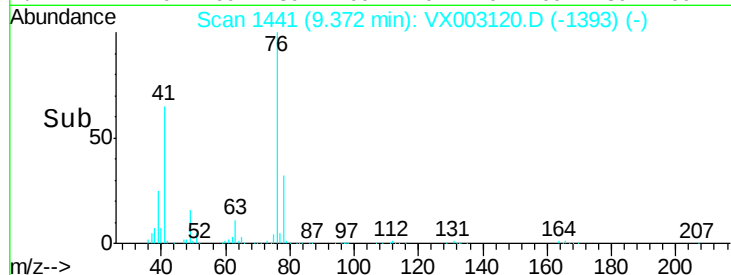
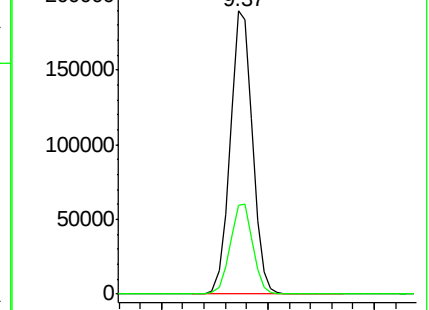
76 100

78 32.4 25.8 38.6



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: 295.52 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003120.D

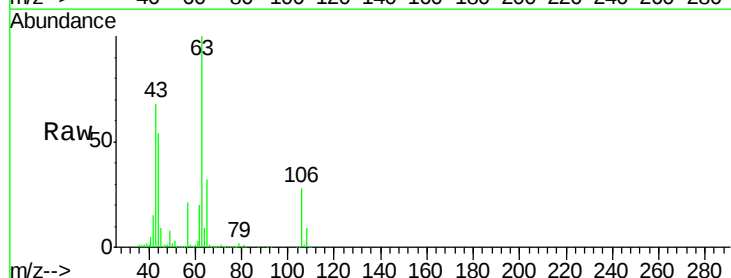
Acq: 02 Jul 2018 11:31

Tgt Ion: 63 Resp: 666400

Ion Ratio Lower Upper

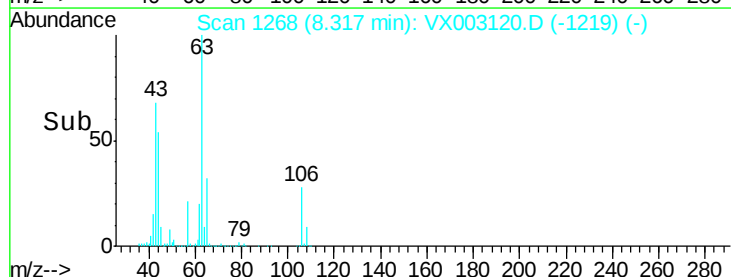
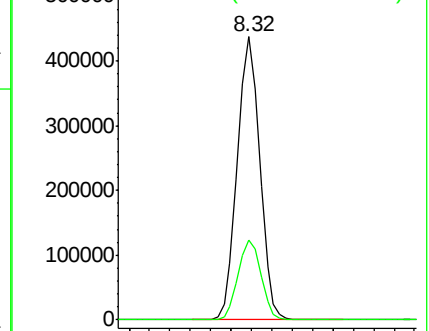
63 100

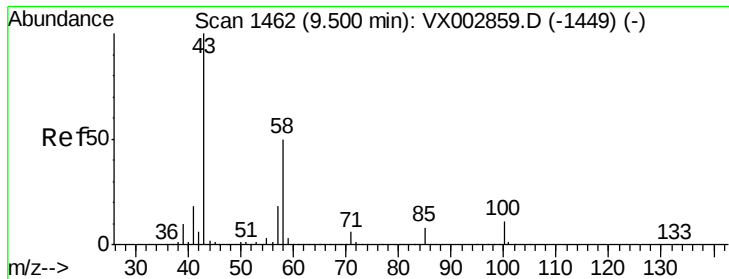
106 28.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

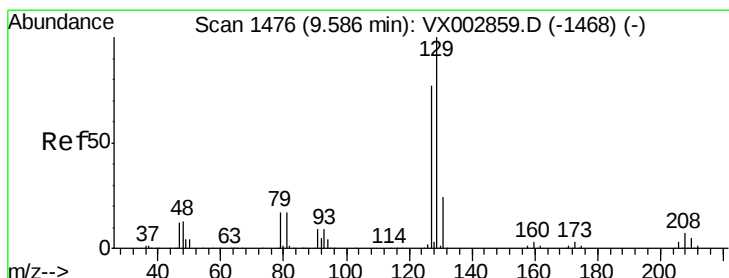
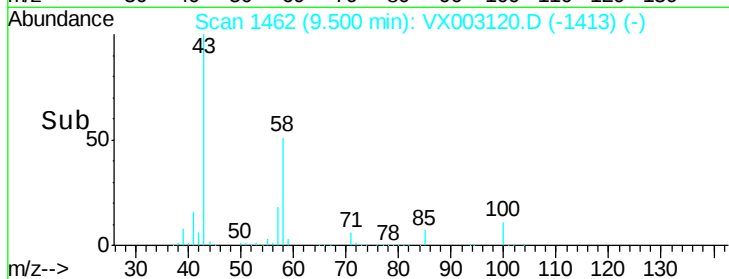
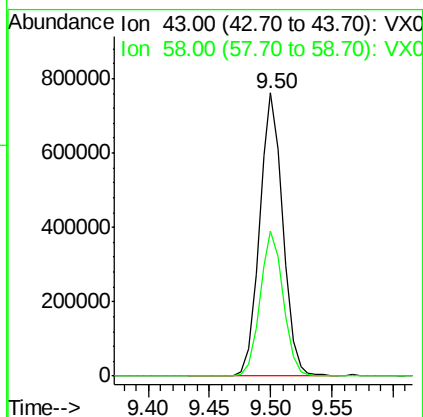
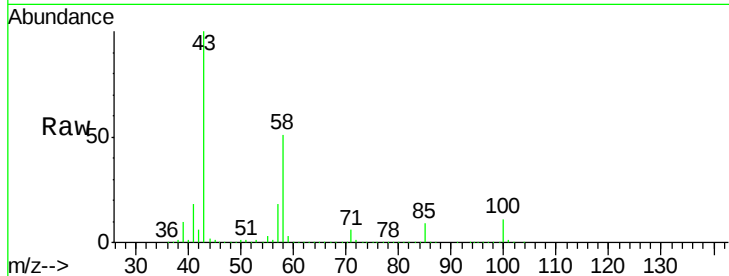




#59
2-Hexanone
Concen: 281.63 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

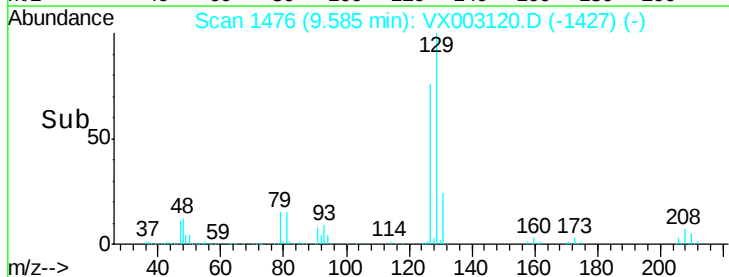
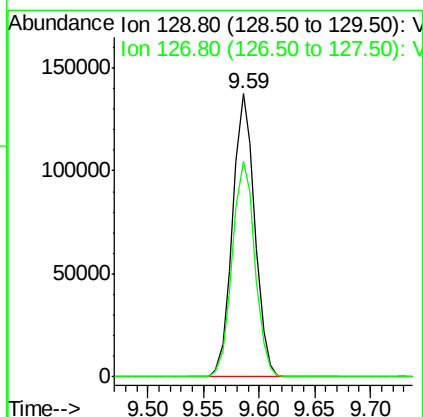
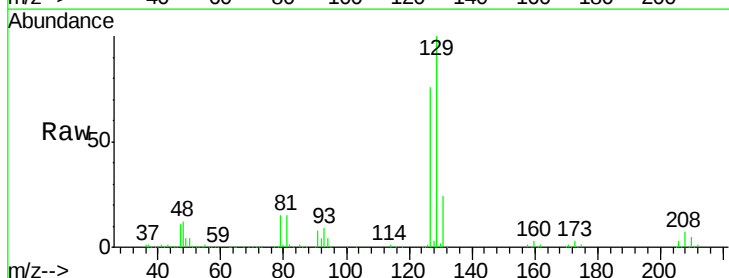
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

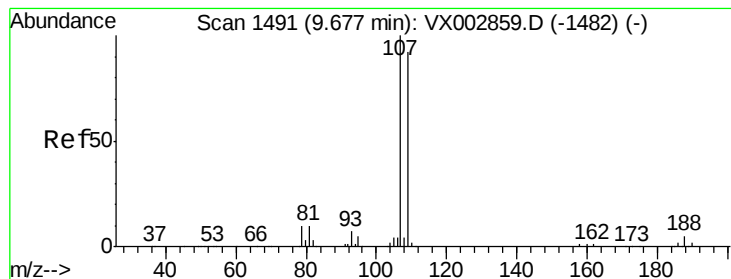
Tot Ion: 43 Resp: 1011168
Ion Ratio Lower Upper
43 100
58 51.5 24.6 73.6



#60
Dibromochloromethane
Concen: 56.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 129 Resp: 189450
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.96 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

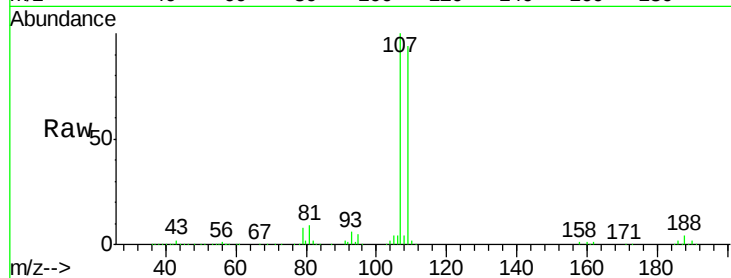
VSTDCCC050

Tot Ion:107 Resp: 184376

Ion Ratio Lower Upper

107 100

109 94.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

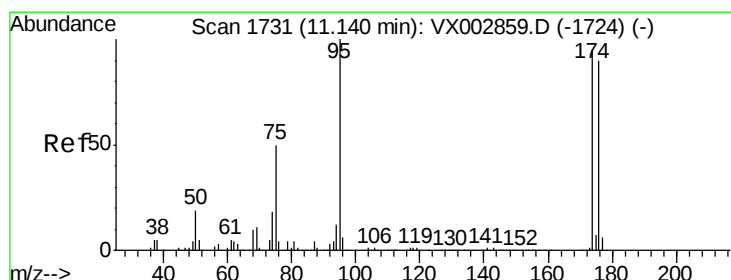
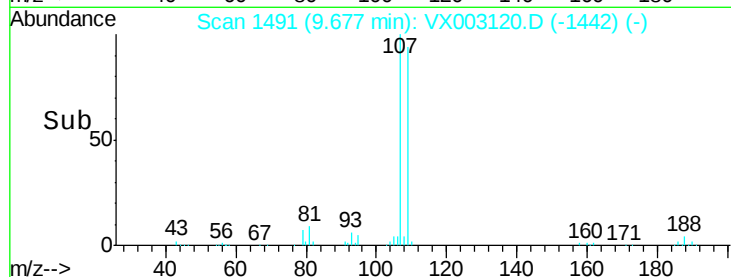
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

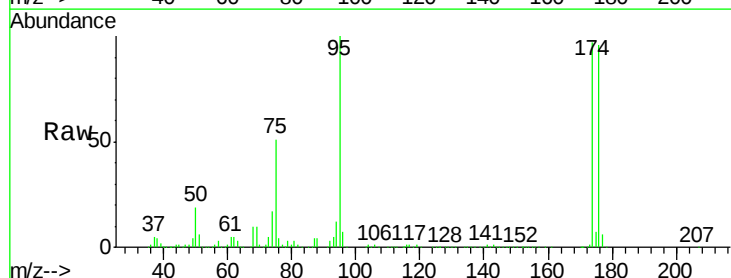
Tgt Ion: 95 Resp: 219472

Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

176 96.0 0.0 181.0



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

11.14

200000

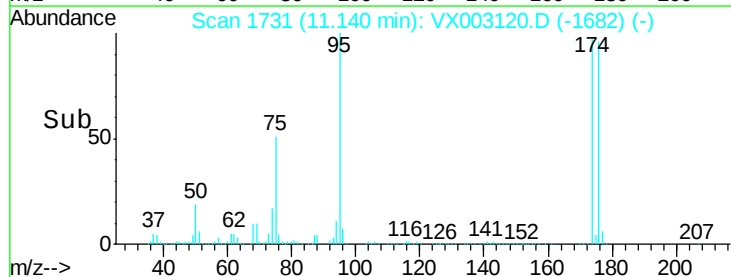
150000

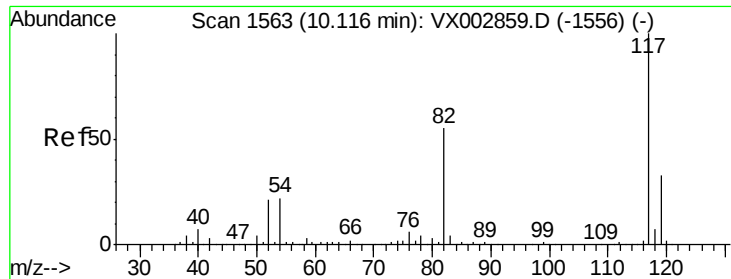
100000

50000

0

Time-->

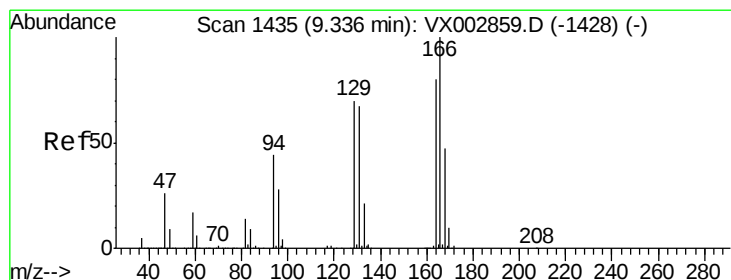
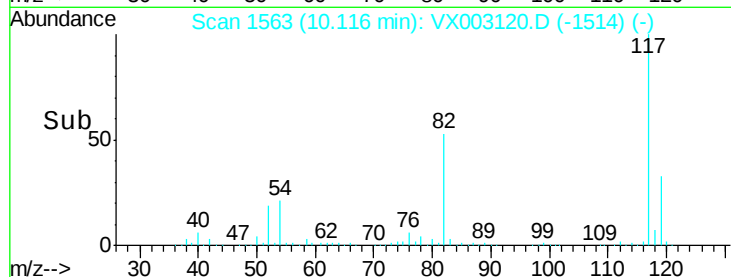
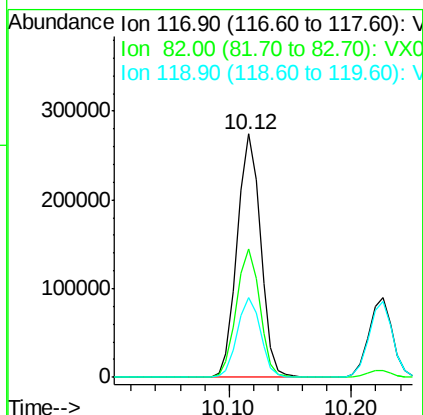
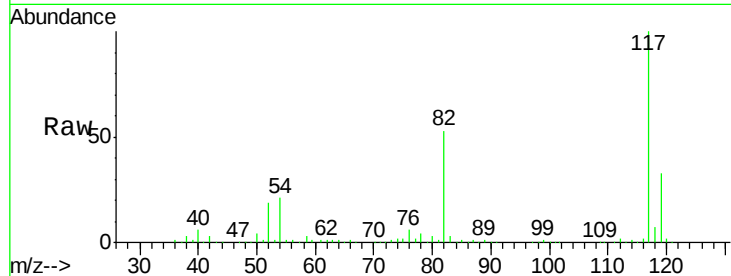




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

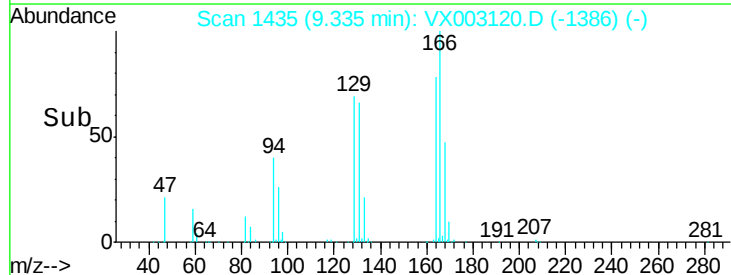
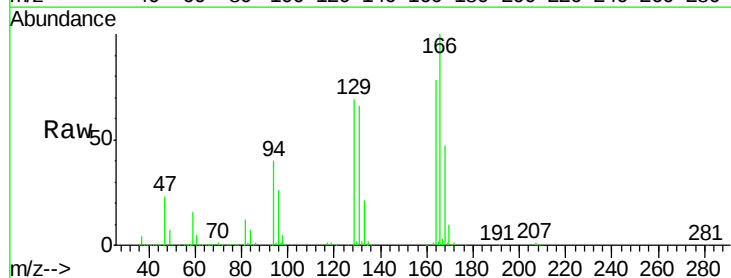
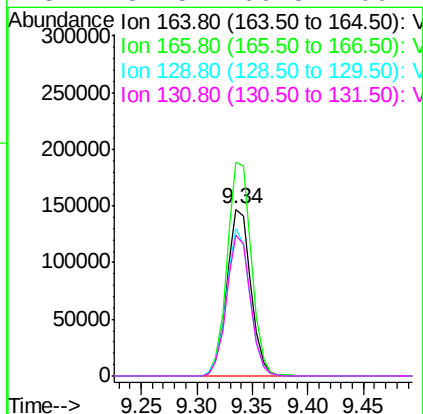
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 362855
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 54.01 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion:164 Resp: 217905
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 88.5 68.6 102.8
131 84.5 66.8 100.2





#65

Chlorobenzene

Concen: 52.68 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

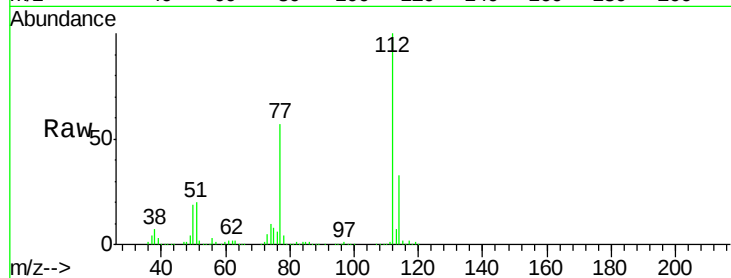
VSTDCCC050

Tot Ion:112 Resp: 485556

Ion Ratio Lower Upper

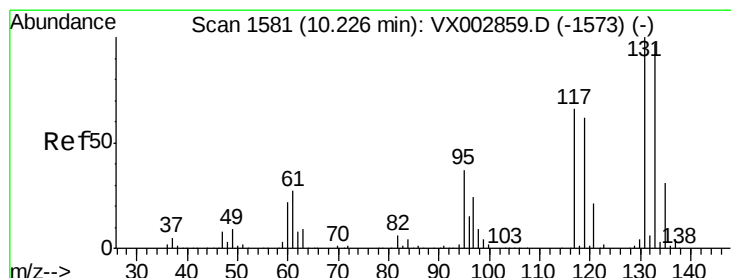
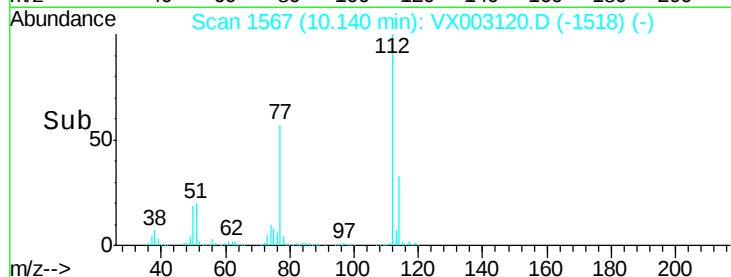
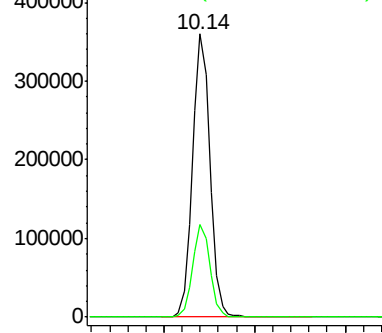
112 100

114 32.7 25.3 37.9



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: 54.43 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

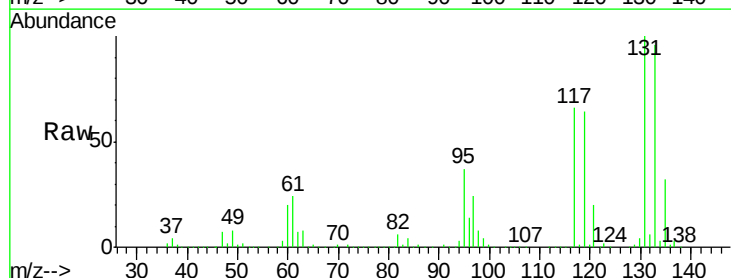
Tgt Ion:131 Resp: 182244

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

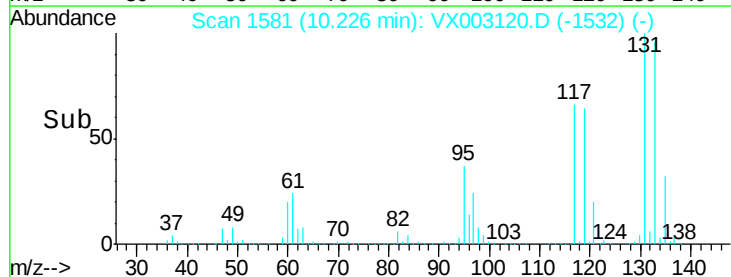
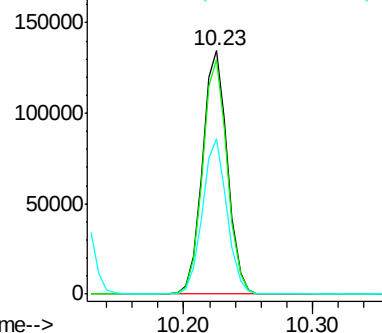
119 62.9 31.8 95.3

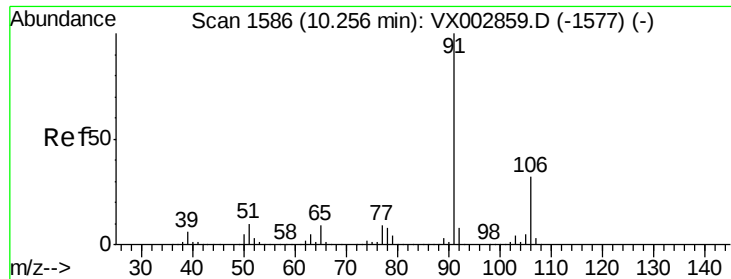


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.58 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

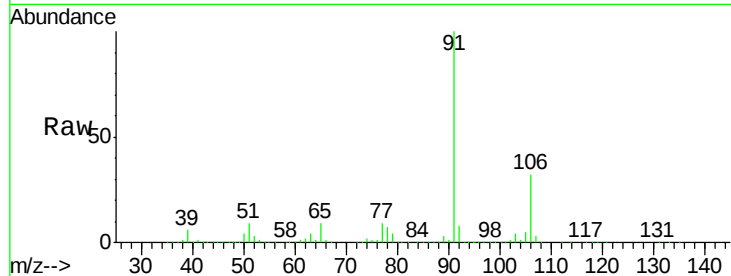
VSTDCCC050

Tot Ion: 91 Resp: 831015

Ion Ratio Lower Upper

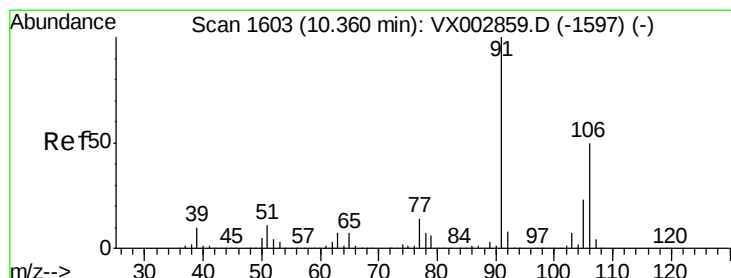
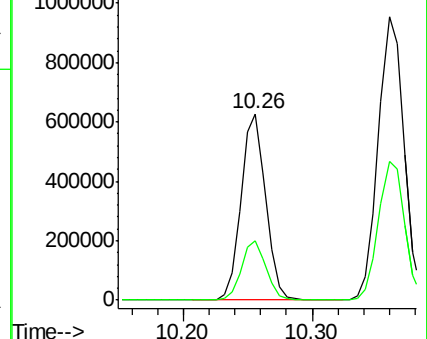
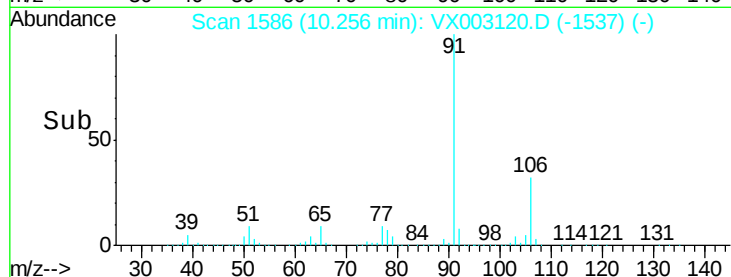
91 100

106 32.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX003120.D (-1577) (-)

Ion 106.00 (105.70 to 106.70): VX003120.D (-1577) (-)



#68

m/p-Xylenes

Concen: 111.02 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003120.D

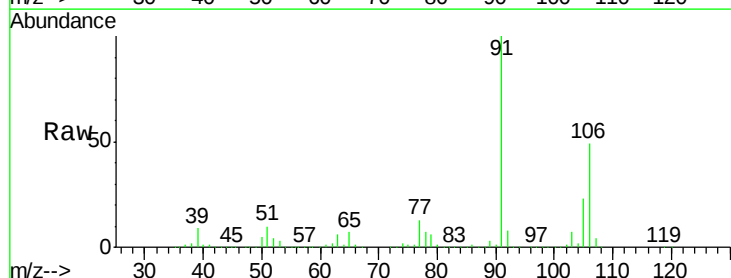
Acq: 02 Jul 2018 11:31

Tgt Ion: 106 Resp: 651425

Ion Ratio Lower Upper

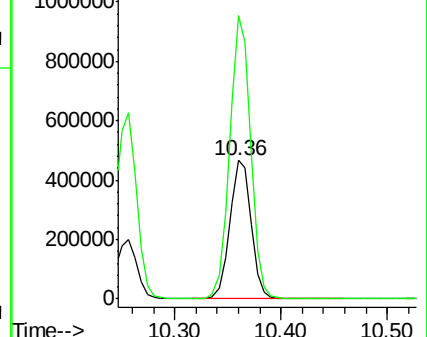
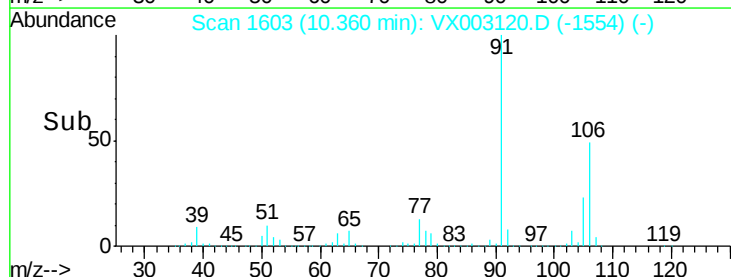
106 100

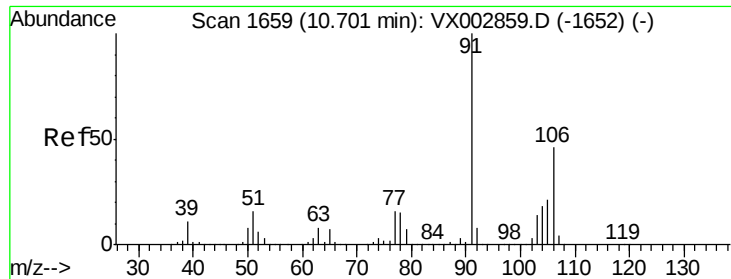
91 201.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX003120.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX003120.D (-1597) (-)

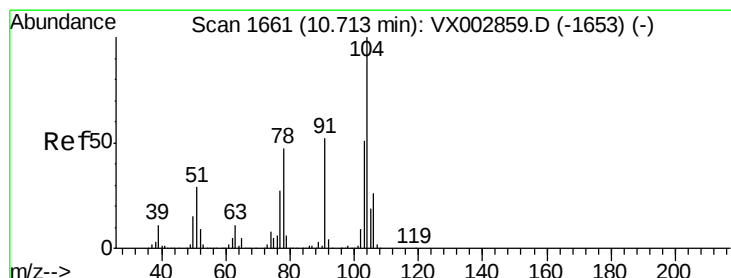
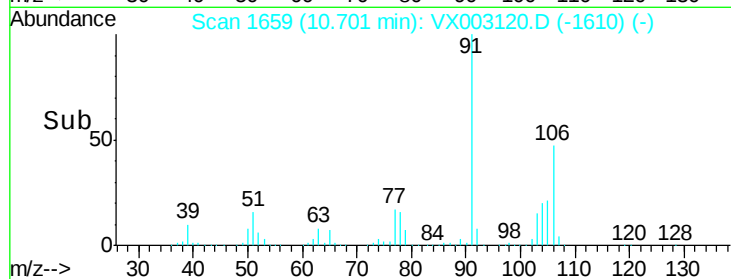
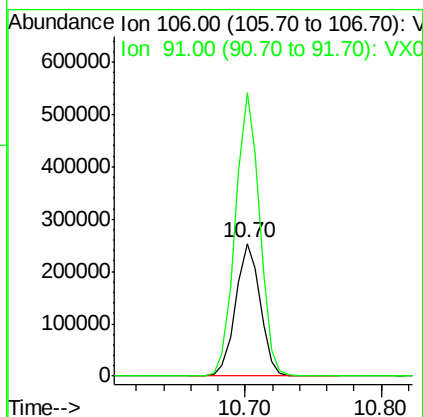
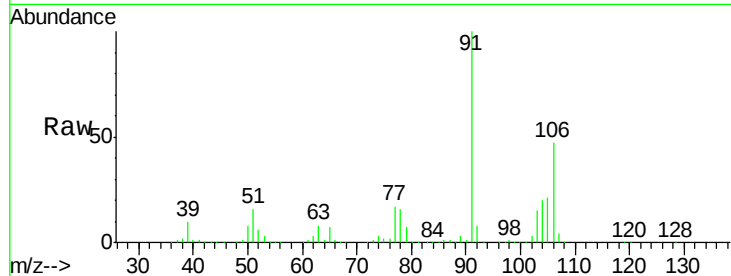




#69
o-Xylene
Concen: 55.52 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

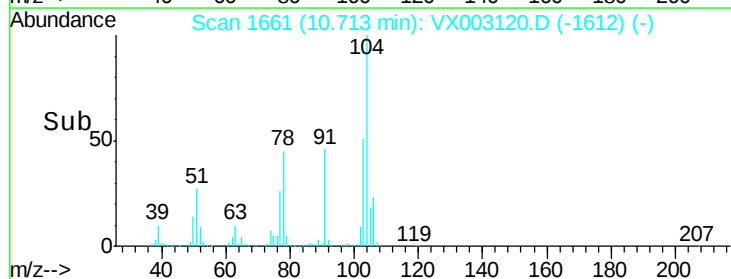
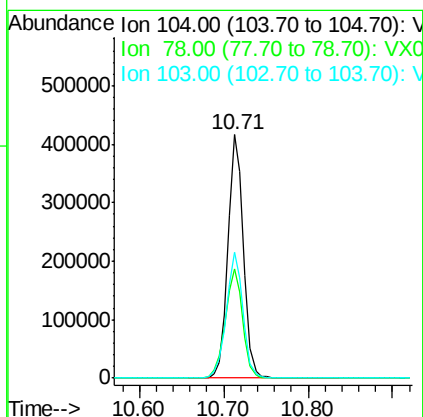
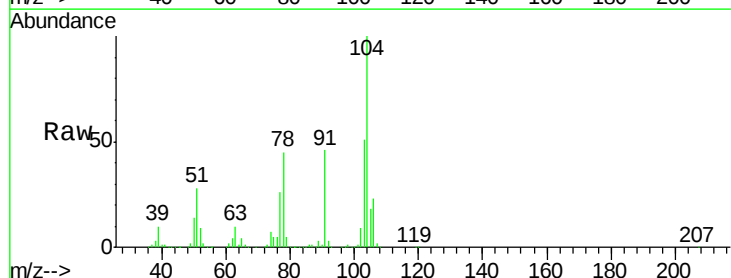
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 317207
Ion Ratio Lower Upper
106 100
91 211.7 108.2 324.6



#70
Styrene
Concen: 56.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion:104 Resp: 528290
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 55.7 44.2 66.4

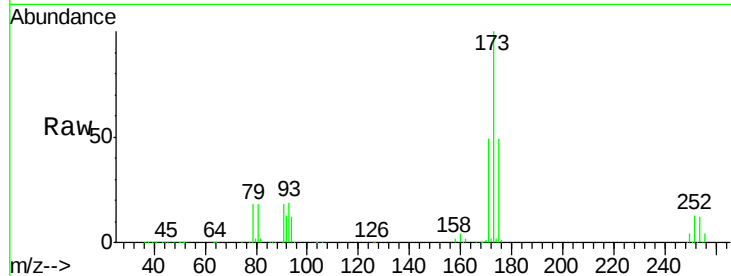




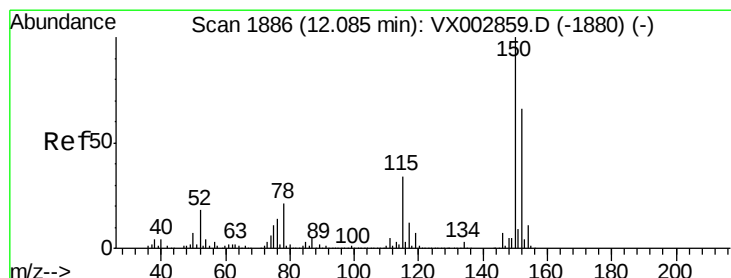
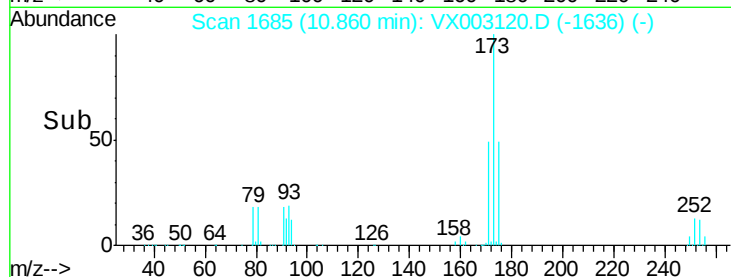
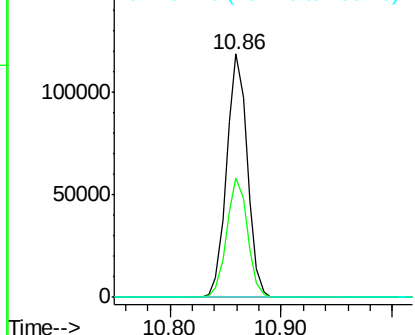
#71
Bromoform
Concen: 50.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 152651
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.2 0.2 0.2#

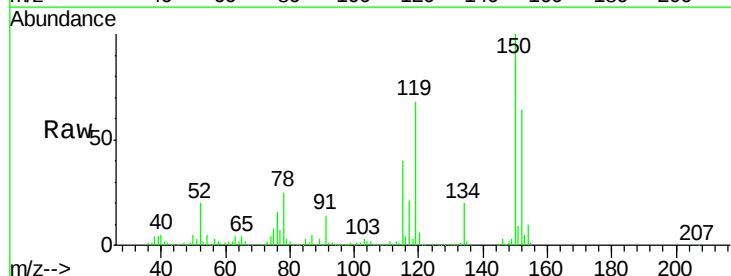


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

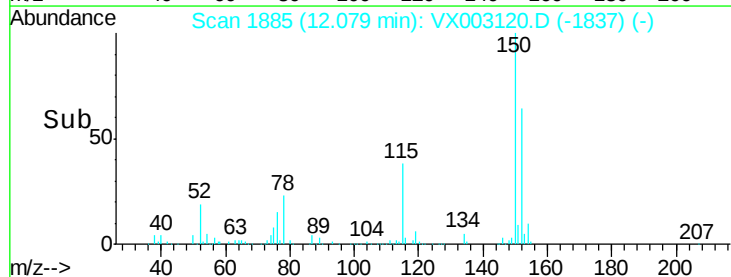
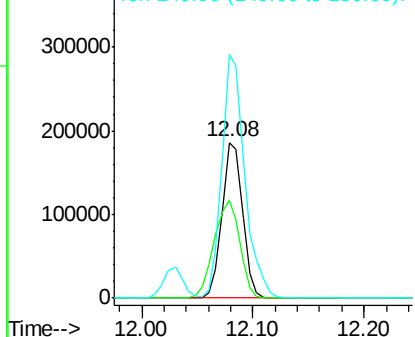


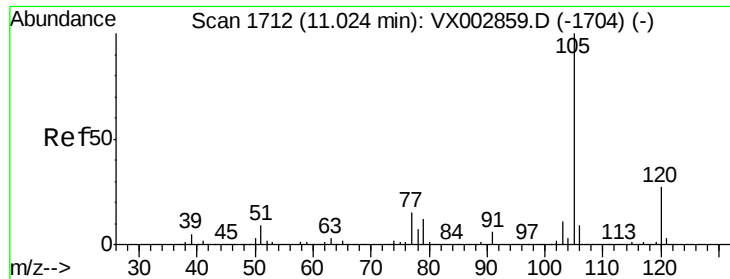
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion:152 Resp: 237604
Ion Ratio Lower Upper
152 100
115 78.7 40.1 120.2
150 174.1 0.0 347.2



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: 53.55 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

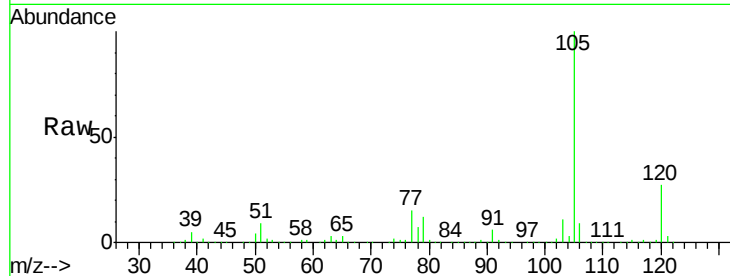
VSTDCCC050

Tot Ion:105 Resp: 856032

Ion Ratio Lower Upper

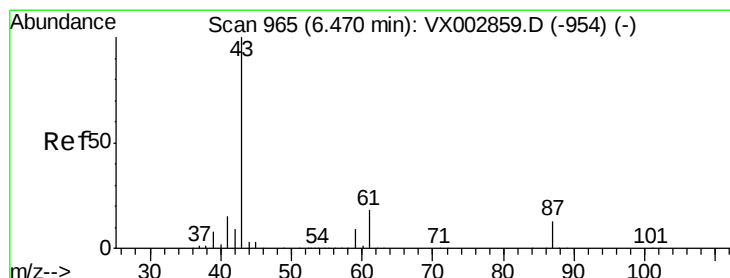
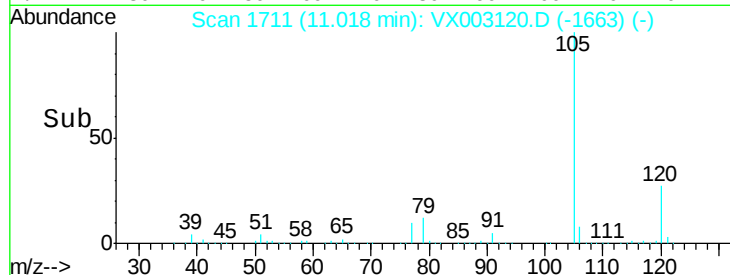
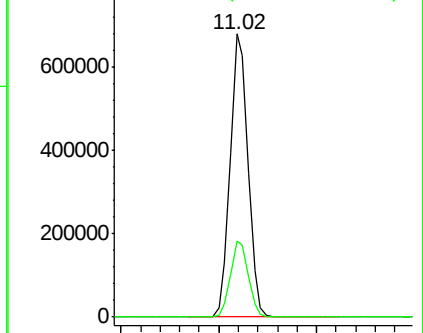
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Tgt Ion: 43 Resp: 393273

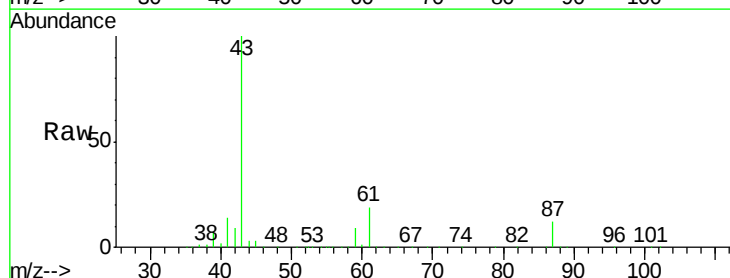
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.9 14.4 21.6

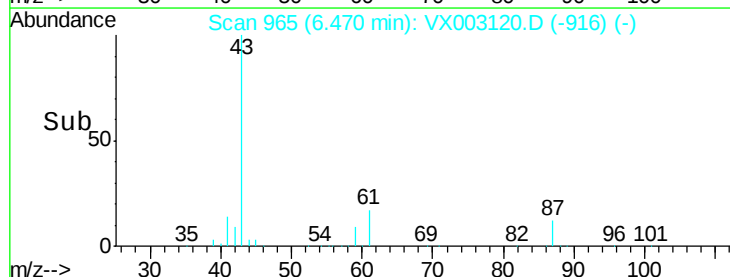
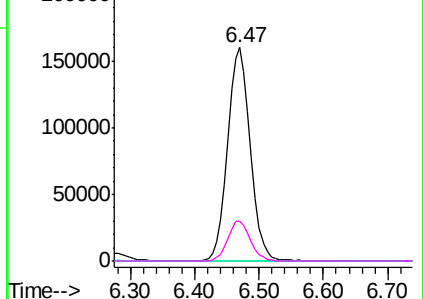


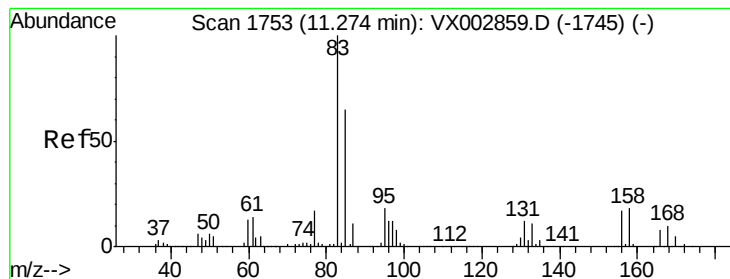
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.09 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

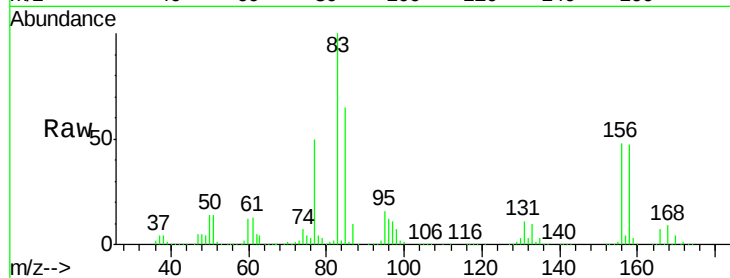
Tot Ion: 83 Resp: 256475

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

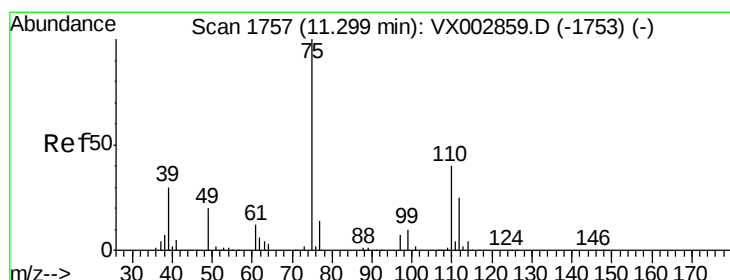
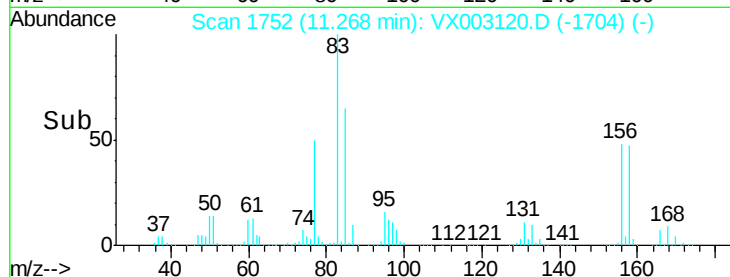
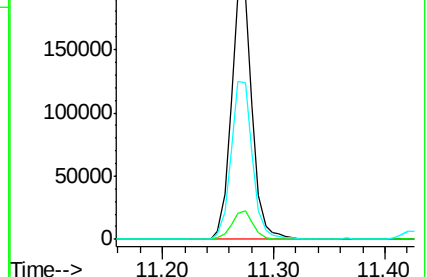
85 64.5 32.4 97.2



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: 67.73 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003120.D

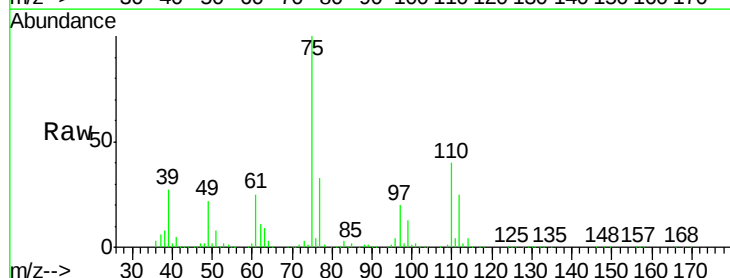
Acq: 02 Jul 2018 11:31

Tgt Ion: 75 Resp: 291485

Ion Ratio Lower Upper

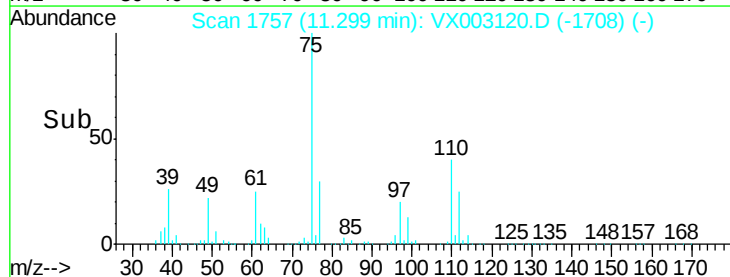
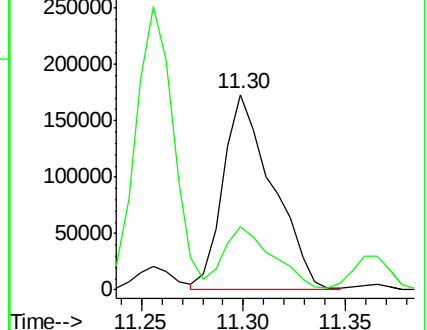
75 100

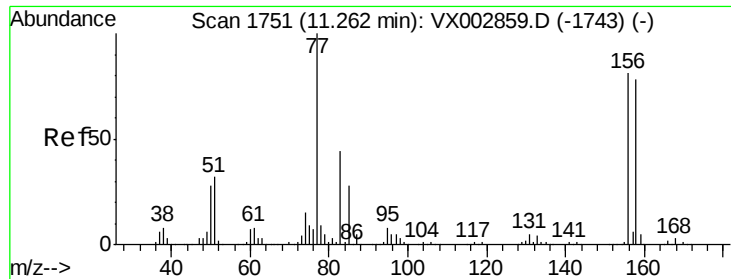
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.37 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

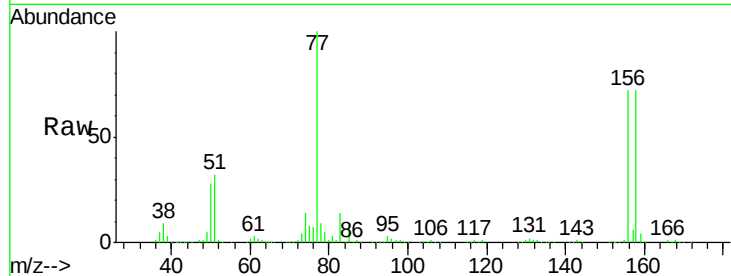
Tot Ion:156 Resp: 238394

Ion Ratio Lower Upper

156 100

77 135.3 71.4 214.2

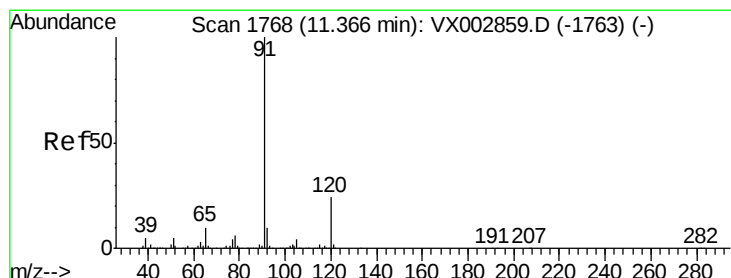
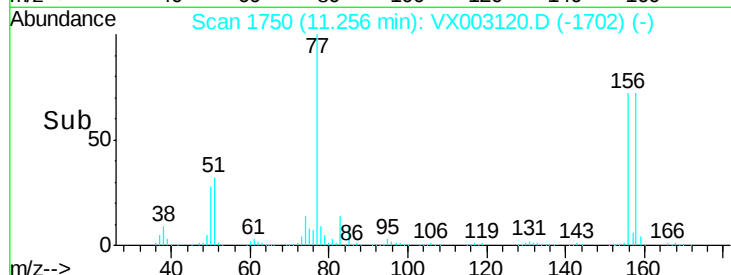
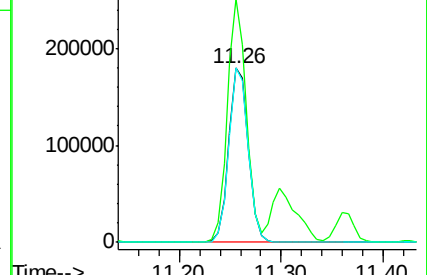
158 98.5 48.9 146.6



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: 53.71 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003120.D

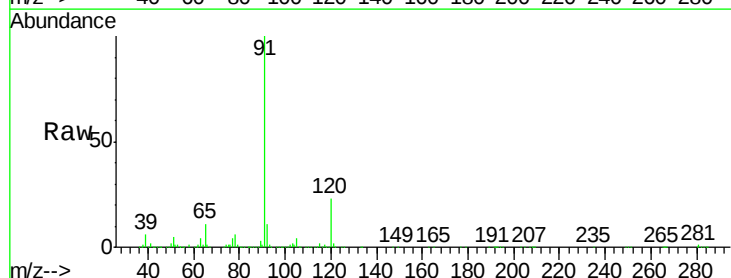
Acq: 02 Jul 2018 11:31

Tgt Ion: 91 Resp: 977160

Ion Ratio Lower Upper

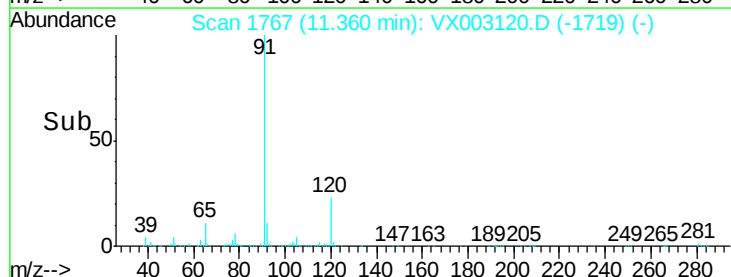
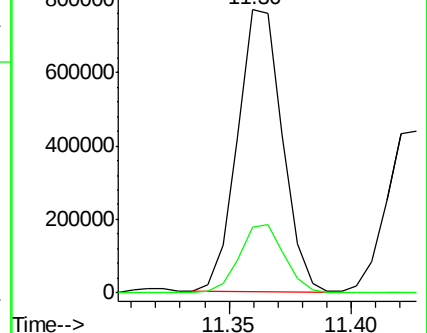
91 100

120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.11 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

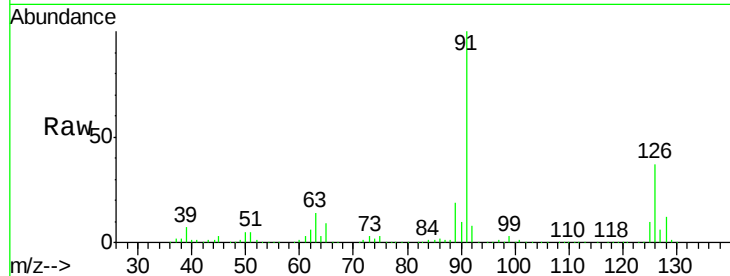
VSTDCCC050

Tot Ion: 91 Resp: 573995

Ion Ratio Lower Upper

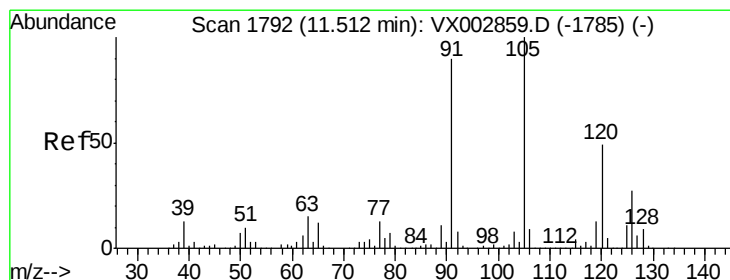
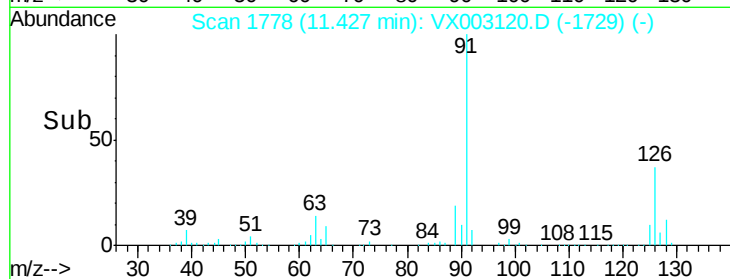
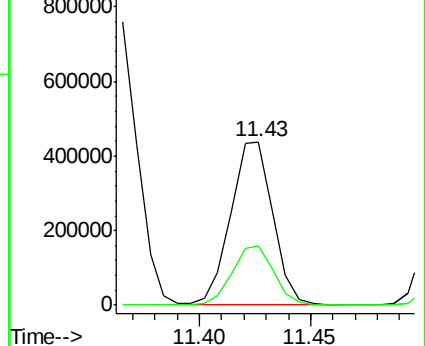
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003120.D

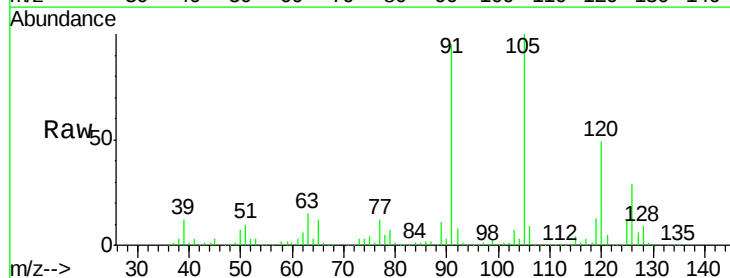
Acq: 02 Jul 2018 11:31

Tgt Ion: 105 Resp: 728315

Ion Ratio Lower Upper

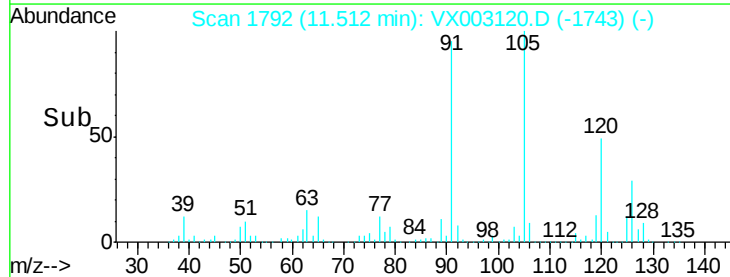
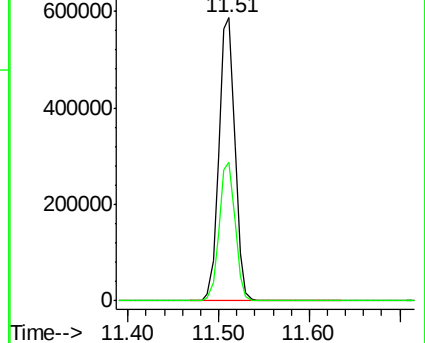
105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

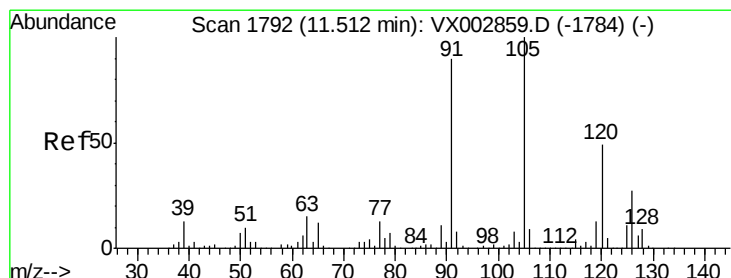
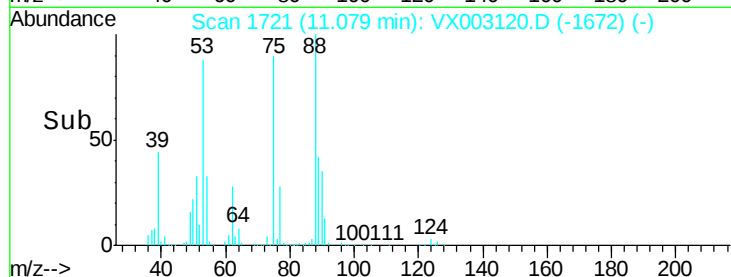
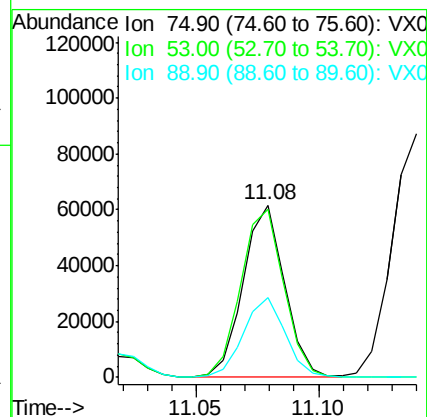
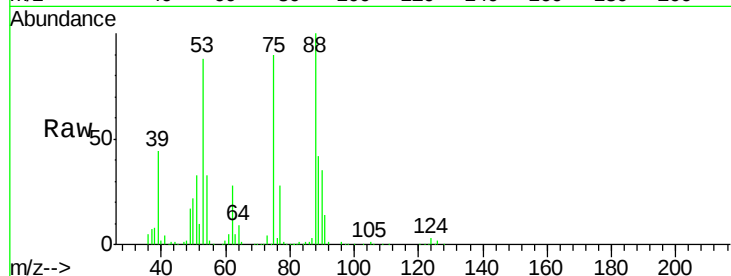
Tot Ion: 75 Resp: 72152

Ion Ratio Lower Upper

75 100

53 102.0 86.8 130.2

89 47.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 52.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003120.D

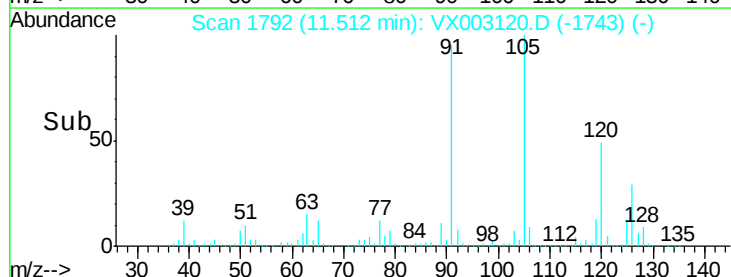
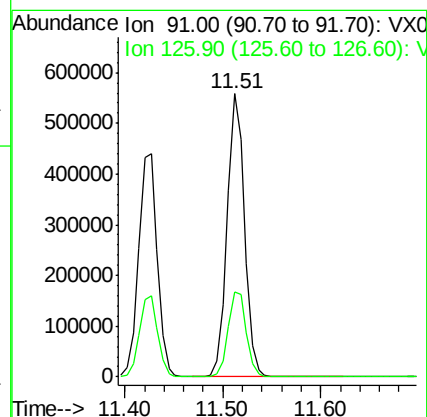
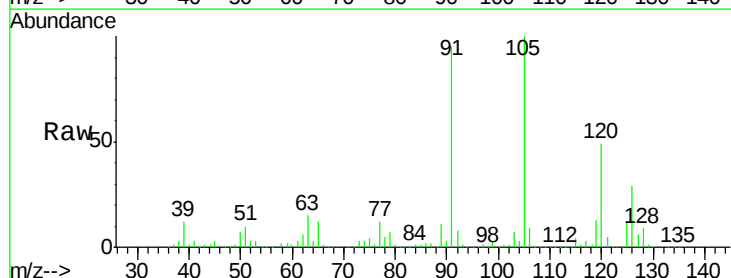
Acq: 02 Jul 2018 11:31

Tgt Ion: 91 Resp: 687732

Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.4

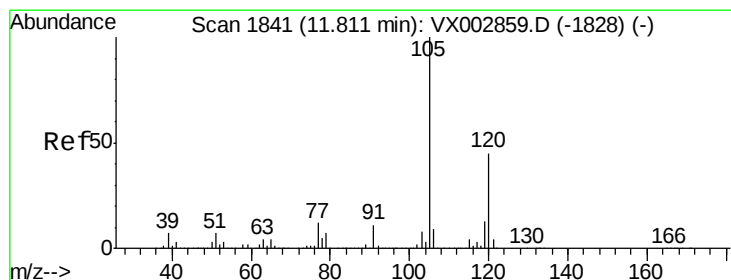
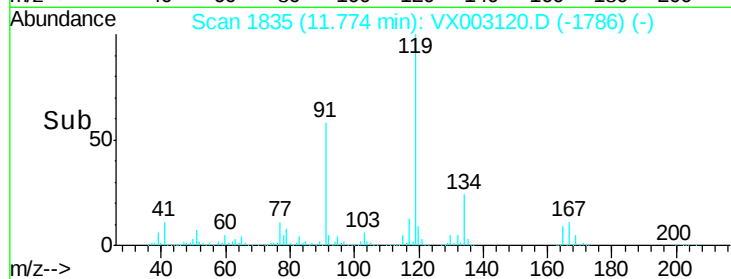
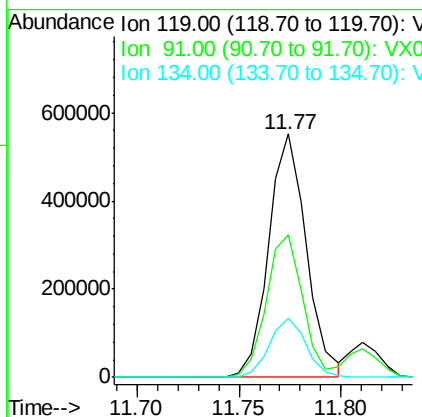
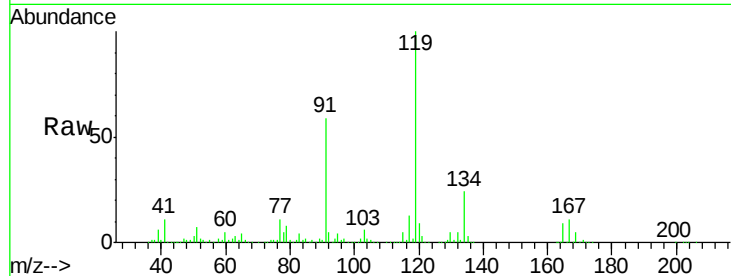




#83
 tert-Butylbenzene
 Concen: 53.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

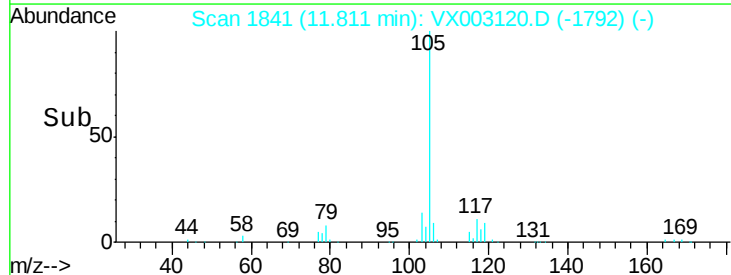
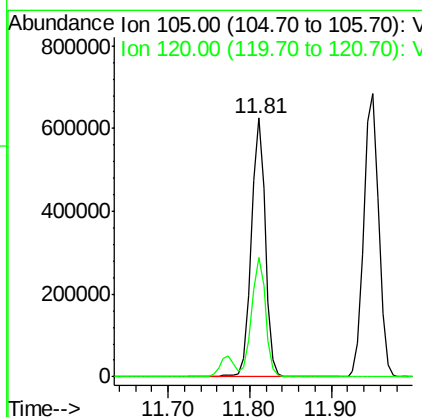
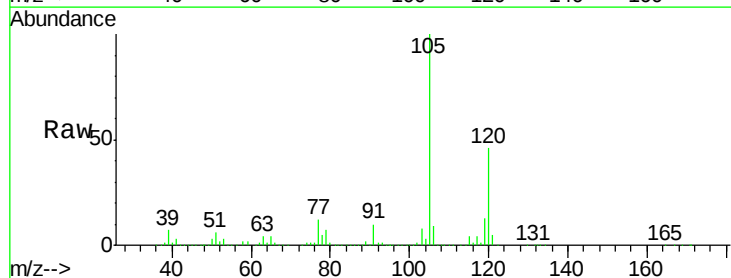
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

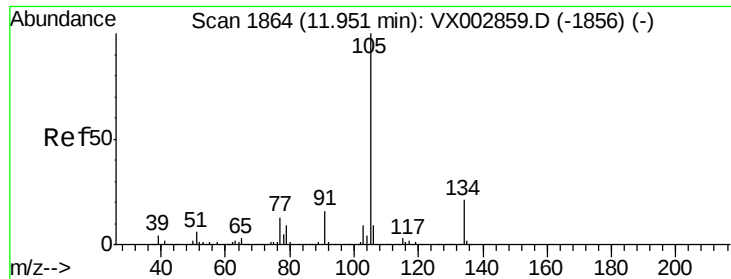
Tot Ion:119 Resp: 709208
 Ion Ratio Lower Upper
 119 100
 91 56.3 30.3 90.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.69 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion:105 Resp: 748884
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.65 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

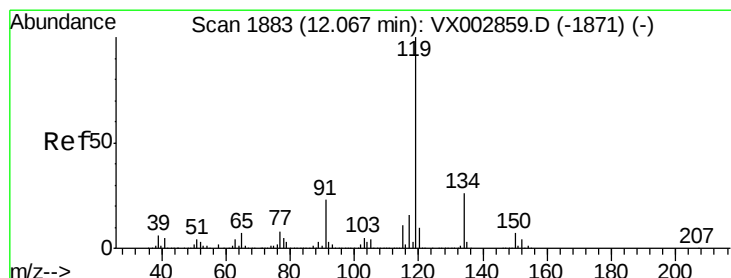
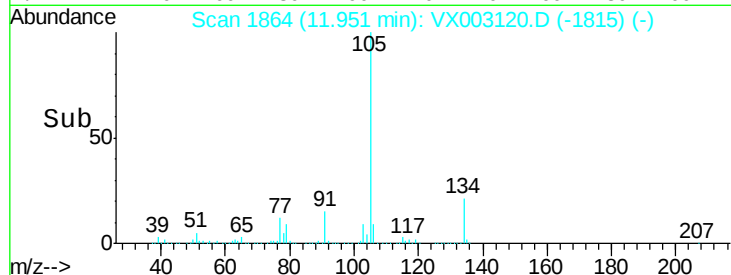
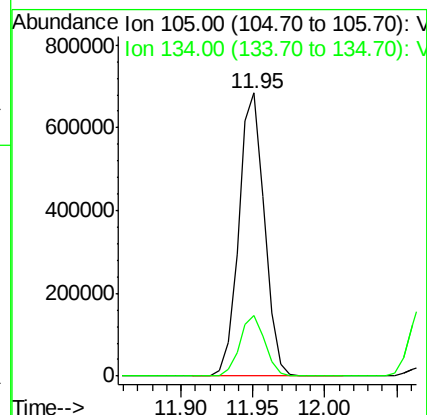
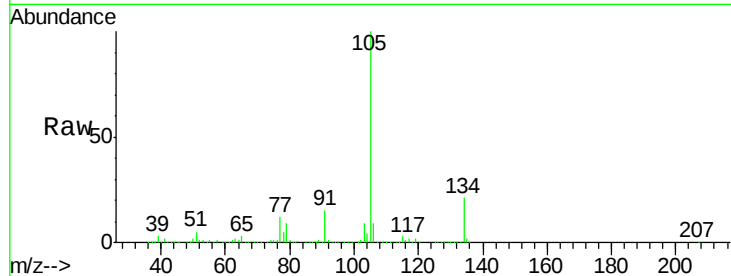
VSTDCCC050

Tot Ion:105 Resp: 847478

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

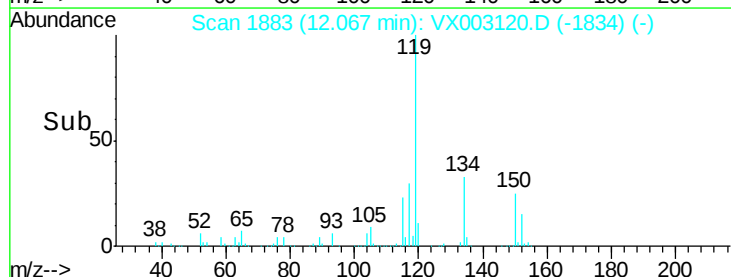
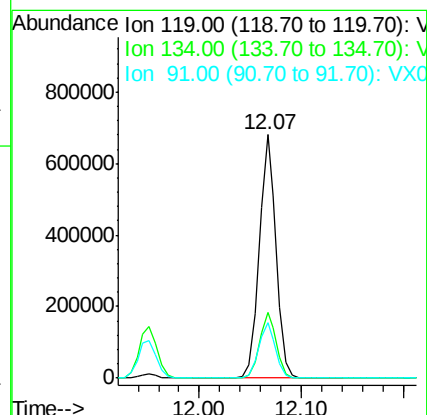
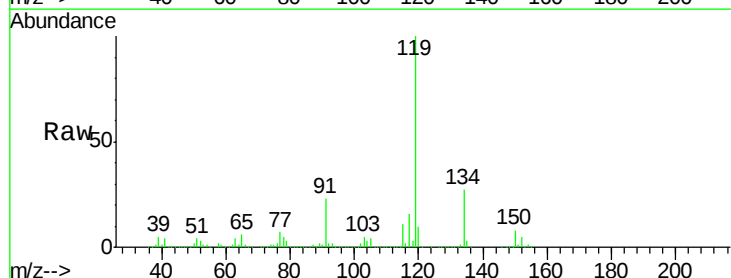
Tgt Ion:119 Resp: 784798

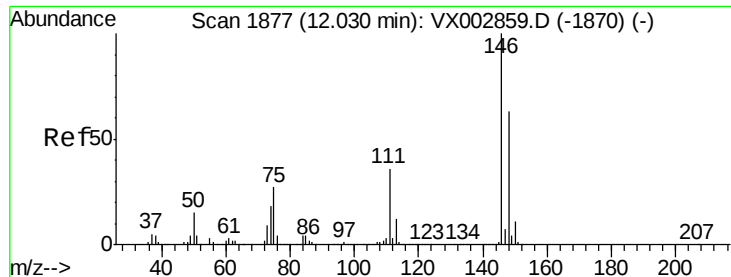
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 52.98 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

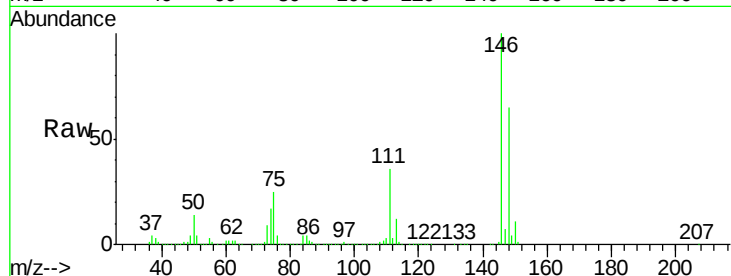
Tot Ion:146 Resp: 440444

Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

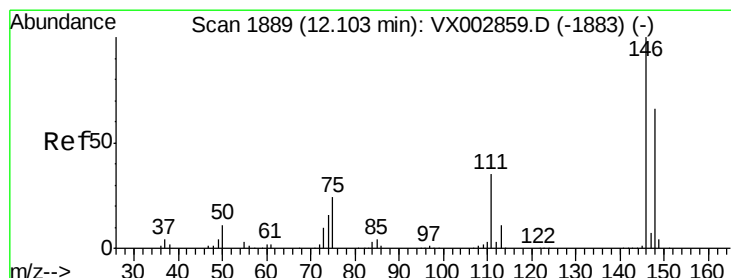
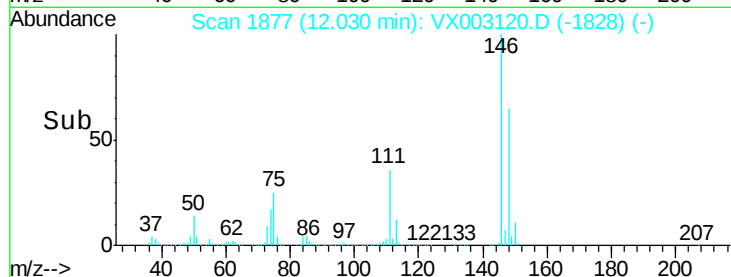
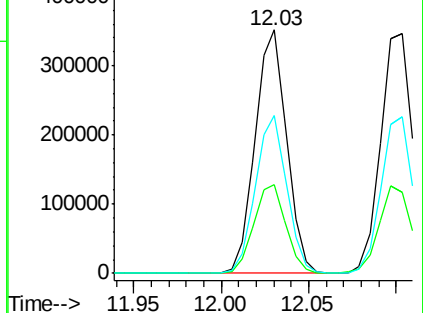
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.75 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

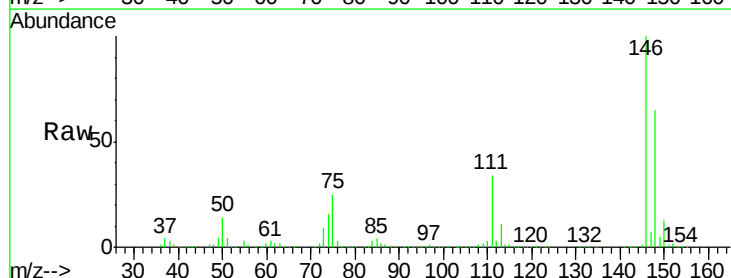
Tgt Ion:146 Resp: 442720

Ion Ratio Lower Upper

146 100

111 36.3 18.7 56.1

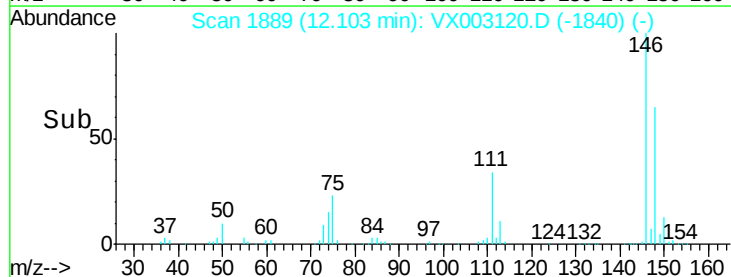
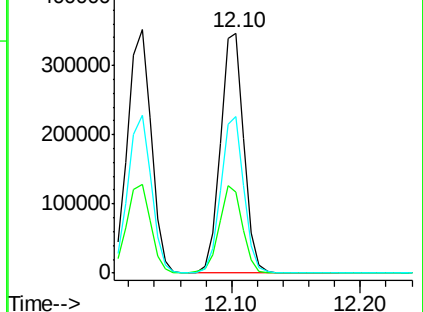
148 64.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

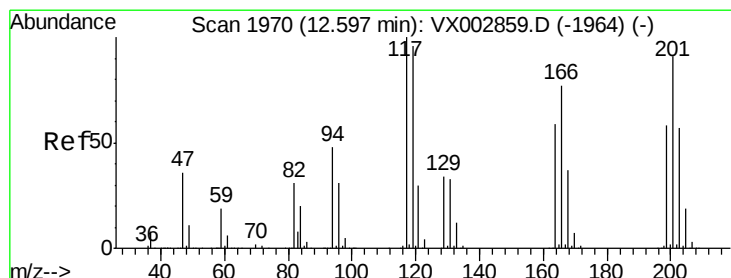
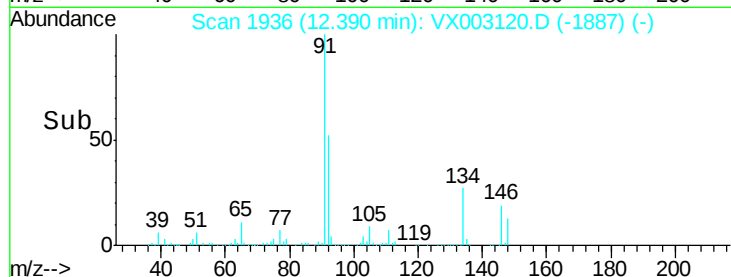
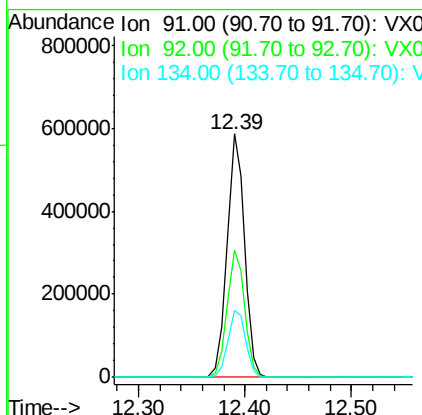
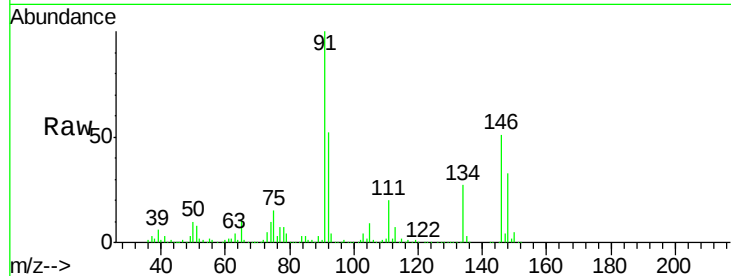




#89
n-Butylbenzene
Concen: 53.39 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

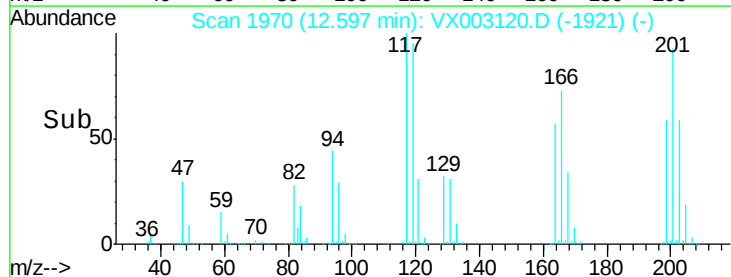
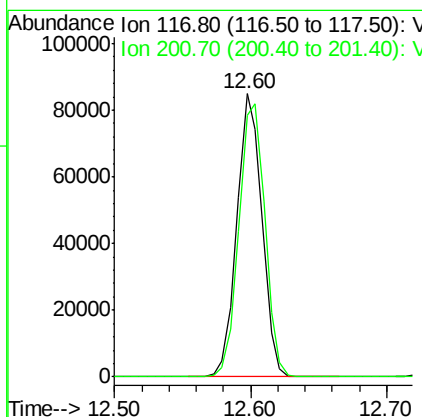
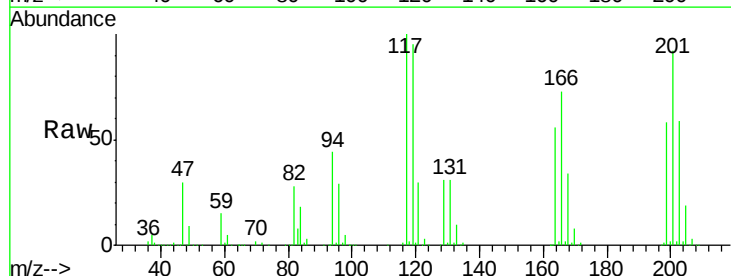
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 672511
Ion Ratio Lower Upper
91 100
92 52.6 26.0 78.0
134 28.2 13.5 40.5



#90
Hexachloroethane
Concen: 50.38 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003120.D
Acq: 02 Jul 2018 11:31

Tgt Ion: 117 Resp: 108428
Ion Ratio Lower Upper
117 100
201 100.7 49.0 147.0

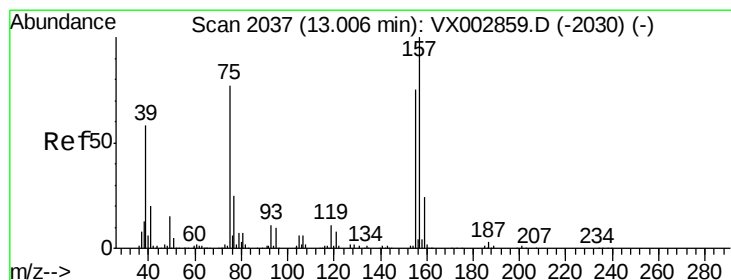
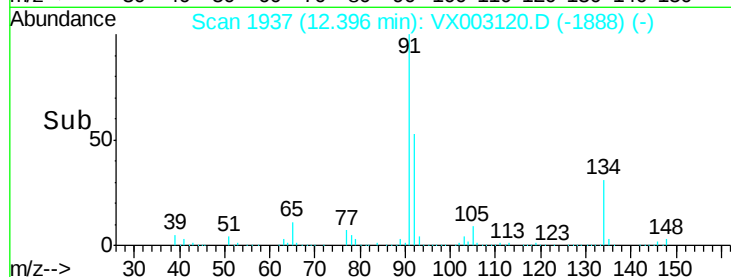
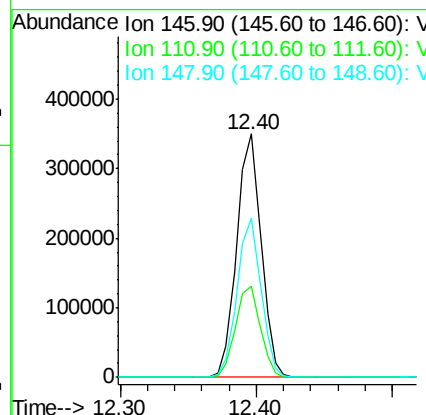
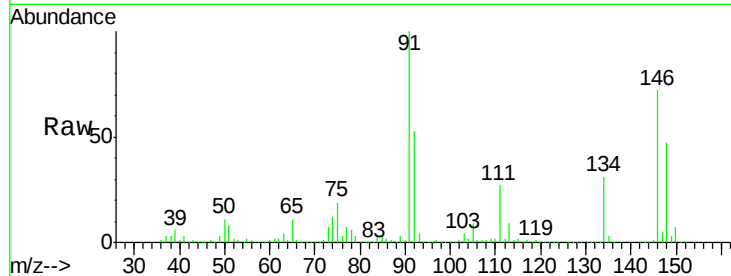




#91
 1,2-Dichlorobenzene
 Concen: 52.33 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

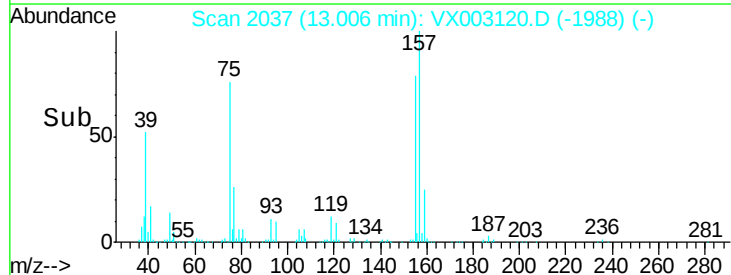
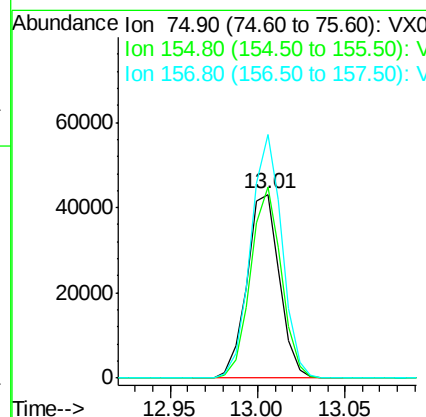
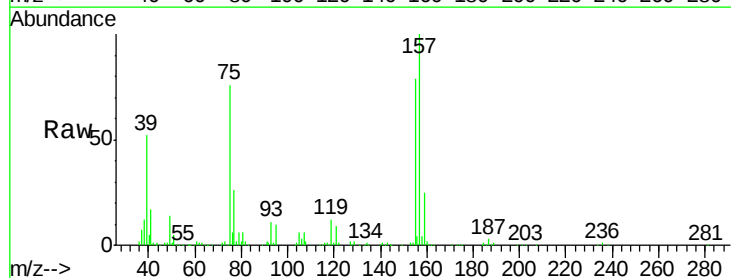
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 439065
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion: 75 Resp: 55550
 Ion Ratio Lower Upper
 75 100
 155 98.6 45.8 137.4
 157 127.2 60.1 180.3

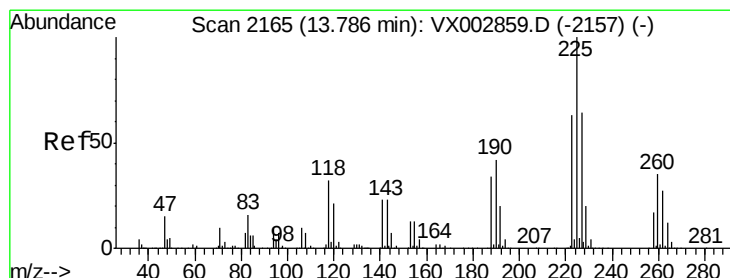
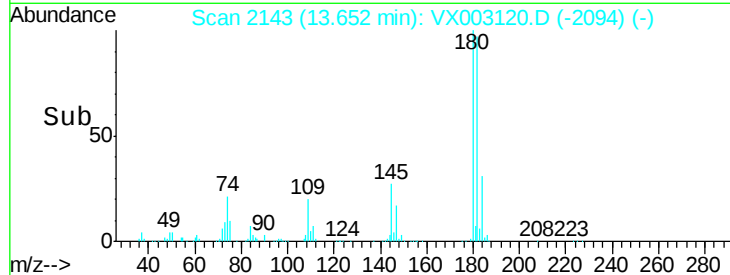
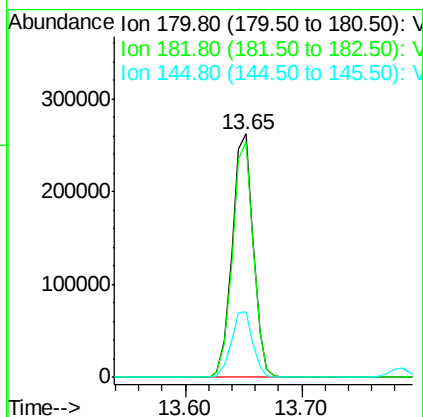
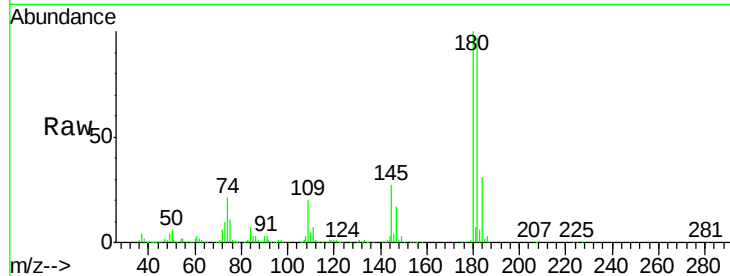




#93
 1,2,4-Trichlorobenzene
 Concen: 54.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

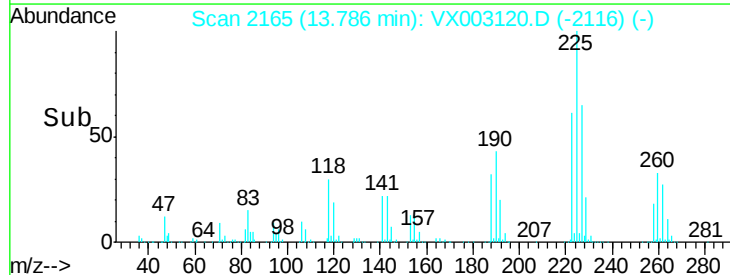
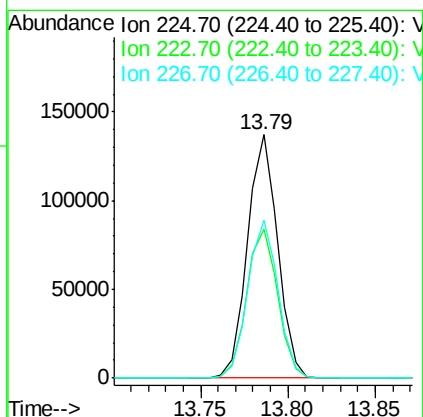
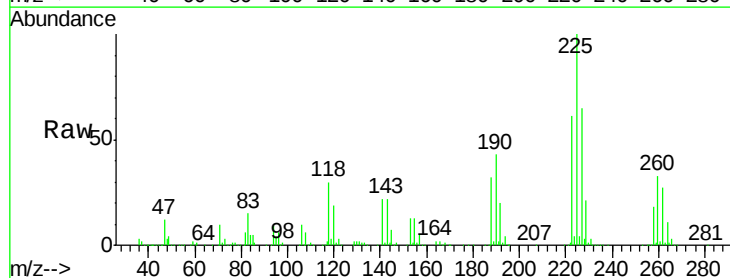
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

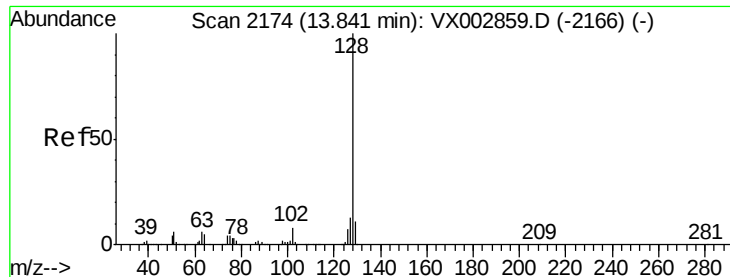
Tot Ion:180 Resp: 330449
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.7 143.1
 145 27.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 53.95 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003120.D
 Acq: 02 Jul 2018 11:31

Tgt Ion:225 Resp: 164322
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 64.9 32.4 97.2





#95

Naphthalene

Concen: 55.59 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

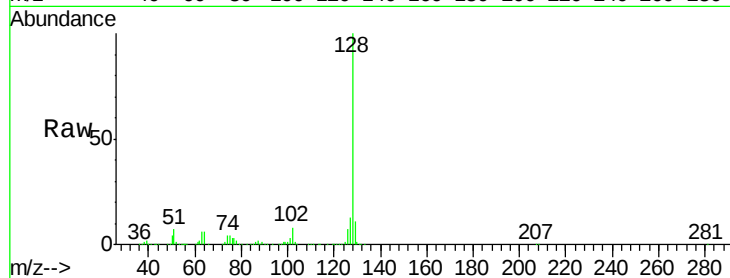
Tot Ion:128 Resp: 904213

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

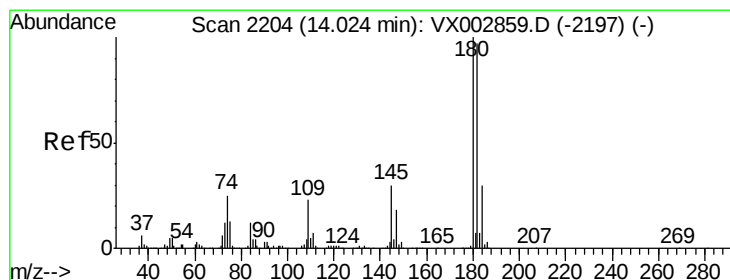
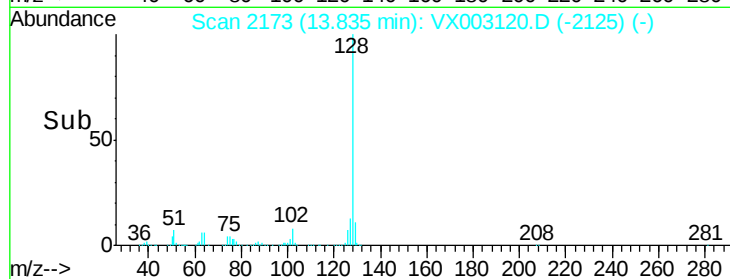
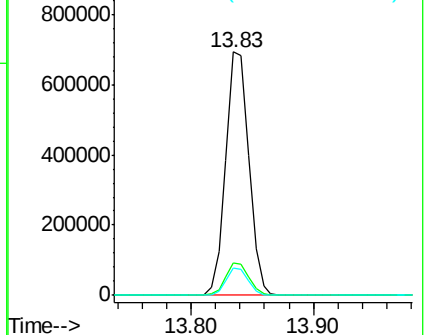
129 10.8 8.6 13.0



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: 54.10 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003120.D

Acq: 02 Jul 2018 11:31

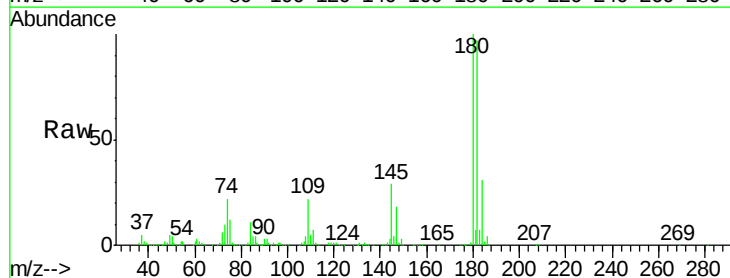
Tgt Ion:180 Resp: 329980

Ion Ratio Lower Upper

180 100

182 96.8 48.0 144.0

145 29.4 14.8 44.3



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

