

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002321.D
 Acq On : 05 Jun 2018 22:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 04:35:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229010	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	168137	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	128158	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	
50) Toluene-d8	8.72	98	509592	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	195418	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	129896	51.06	ug/l	99
3) Chloromethane	1.32	50	154493	53.19	ug/l	100
4) Vinyl Chloride	1.41	62	166874	52.05	ug/l	100
5) Bromomethane	1.64	94	102215	56.79	ug/l	98
6) Chloroethane	1.72	64	107214	51.70	ug/l	99
7) Trichlorofluoromethane	1.93	101	272675	55.82	ug/l	98
8) Diethyl Ether	2.19	74	97200	56.30	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	149732	56.80	ug/l	99
10) Methyl Iodide	2.51	142	198292	53.48	ug/l	99
11) Tert butyl alcohol	3.08	59	198927	279.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	137379	52.74	ug/l	99
13) Acrolein	2.30	56	90980	262.33	ug/l	100
14) Allyl chloride	2.73	41	270871	47.91	ug/l	99
15) Acrylonitrile	3.15	53	419165	282.72	ug/l	99
16) Acetone	2.45	43	393871	262.68	ug/l	99
17) Carbon Disulfide	2.57	76	315639	45.97	ug/l	98
18) Methyl Acetate	2.78	43	197716	56.76	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	505480	56.01	ug/l	98
20) Methylene Chloride	2.86	84	155339	56.50	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	145731	50.73	ug/l	97
22) Diisopropyl ether	3.88	45	484134	51.30	ug/l	99
23) Vinyl Acetate	3.83	43	2059097	224.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	284145	50.85	ug/l	99
25) 2-Butanone	4.71	43	542386	226.06	ug/l	100
26) 2,2-Dichloropropane	4.59	77	164623	37.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	145060	46.43	ug/l	94
28) Bromochloromethane	5.03	49	122368	51.61	ug/l	99
29) Tetrahydrofuran	5.17	42	354821	229.37	ug/l	99
30) Chloroform	5.22	83	259048	48.04	ug/l	97
31) Cyclohexane	5.58	56	225836	51.11	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	227894	49.84	ug/l	99
36) 1,1-Dichloropropene	5.81	75	188830	49.91	ug/l	100
37) Ethyl Acetate	4.87	43	217215	47.74	ug/l	99
38) Carbon Tetrachloride	5.79	117	199194	50.33	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002321.D
 Acq On : 05 Jun 2018 22:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 04:35:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227670	48.72	ug/l	98
40) Benzene	6.15	78	566377	48.83	ug/l	99
41) Methacrylonitrile	5.07	41	121734	46.74	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222867	48.36	ug/l	100
43) Isopropyl Acetate	6.47	43	358346	46.37	ug/l	100
44) Trichloroethene	7.22	130	163898	50.91	ug/l	96
45) 1,2-Dichloropropane	7.52	63	151289	48.31	ug/l	97
46) Dibromomethane	7.67	93	101806	47.96	ug/l	99
47) Bromodichloromethane	7.90	83	184354	48.01	ug/l	97
48) Methyl methacrylate	7.78	41	186082	47.94	ug/l	99
49) 1,4-Dioxane	7.76	88	72987	1005.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1179294	245.05	ug/l	100
52) Toluene	8.79	92	372359	50.47	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	218398	47.43	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	202984	46.73	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151098	49.79	ug/l	99
56) Ethyl methacrylate	9.18	69	232715	48.04	ug/l	100
57) 1,3-Dichloropropane	9.38	76	250084	49.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	557342	248.56	ug/l	100
59) 2-Hexanone	9.50	43	906855	243.96	ug/l	99
60) Dibromochloromethane	9.59	129	152704	50.03	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158217	50.01	ug/l	100
64) Tetrachloroethene	9.34	164	187444	51.78	ug/l	99
65) Chlorobenzene	10.14	112	430384	49.27	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	155102	49.04	ug/l	99
67) Ethyl Benzene	10.26	91	744037	50.90	ug/l	99
68) m/p-Xylenes	10.37	106	580031	102.08	ug/l	99
69) o-Xylene	10.70	106	285737	50.53	ug/l	99
70) Styrene	10.72	104	479176	51.84	ug/l	100
71) Bromoform	10.86	173	116843	41.86	ug/l	99
73) Isopropylbenzene	11.02	105	776253	48.73	ug/l	100
74) N-amyl acetate	6.47	43	358346	41.75	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221102	44.13	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257719	51.29	ug/l	80
77) Bromobenzene	11.26	156	210622	47.09	ug/l	97
78) n-propylbenzene	11.37	91	885526	50.01	ug/l	100
79) 2-Chlorotoluene	11.43	91	520636	46.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666705	48.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55465	38.69	ug/l	93
82) 4-Chlorotoluene	11.51	91	620812	48.10	ug/l	99
83) tert-Butylbenzene	11.77	119	640725	48.15	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	688201	48.93	ug/l	100
85) sec-Butylbenzene	11.95	105	797589	51.13	ug/l	100
86) p-Isopropyltoluene	12.07	119	722436	50.84	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	383586	47.97	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	389570	47.26	ug/l	99
89) n-Butylbenzene	12.39	91	619753	52.01	ug/l	100
90) Hexachloroethane	12.60	117	104748	46.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389815	47.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50792	46.36	ug/l	99

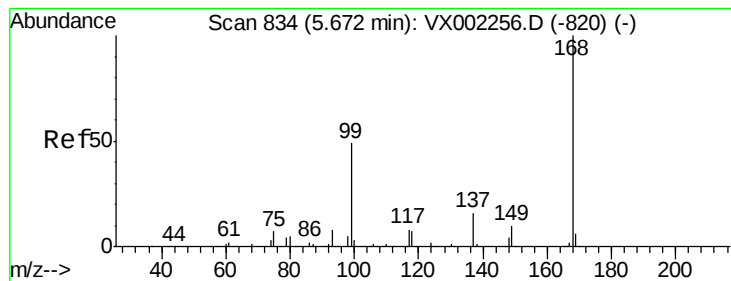
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002321.D
Acq On : 05 Jun 2018 22:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 06 04:35:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280701	48.38	ug/l	100
94) Hexachlorobutadiene	13.79	225	148777	51.90	ug/l	99
95) Naphthalene	13.84	128	810448	48.62	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290887	49.16	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. -0.01 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

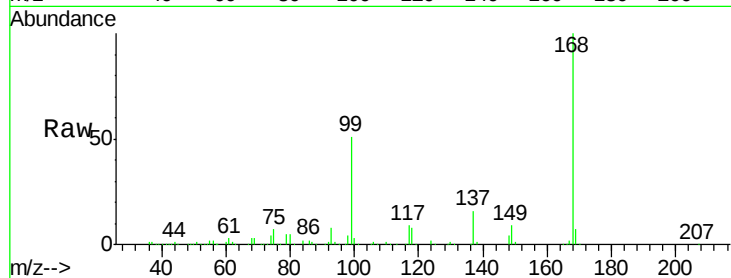
VSTDCCC050

Tot Ion:168 Resp: 244707

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9

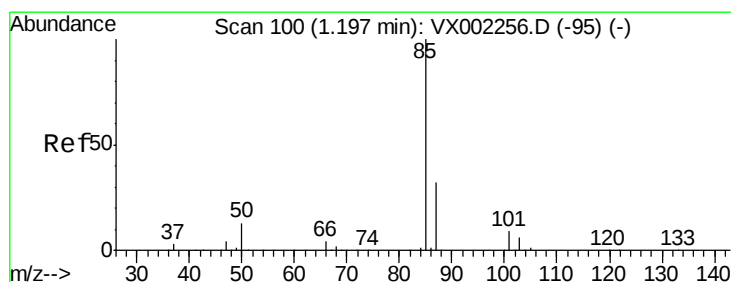
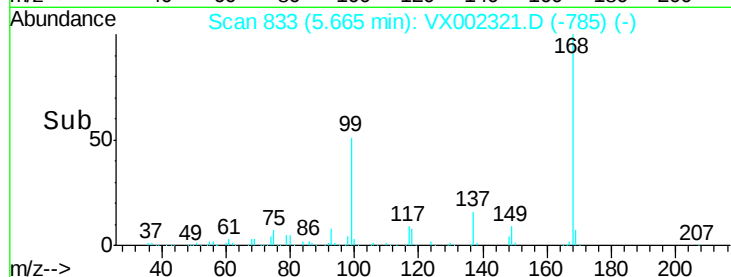


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 51.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002321.D

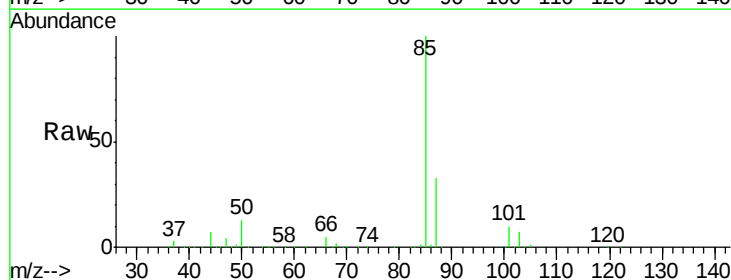
Acq: 05 Jun 2018 22:37

Tgt Ion: 85 Resp: 129896

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9

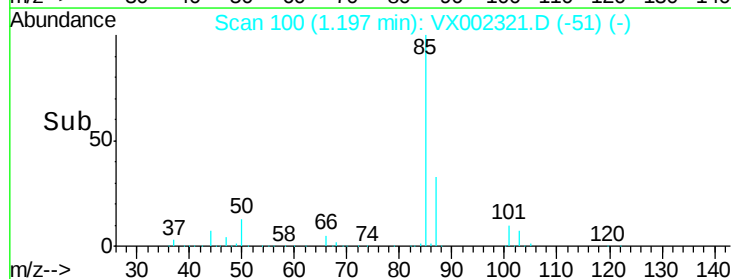


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 53.19 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

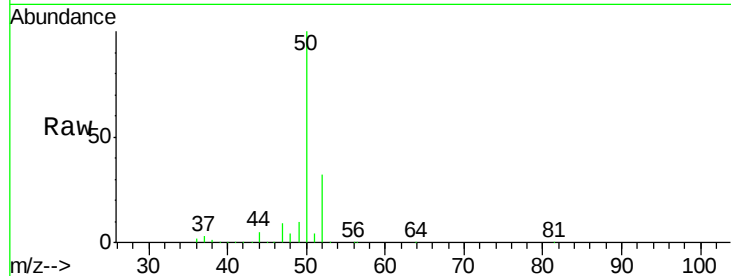
VSTDCCC050

Tot Ion: 50 Resp: 154493

Ion Ratio Lower Upper

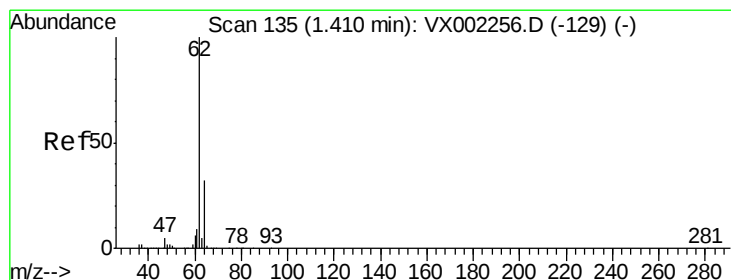
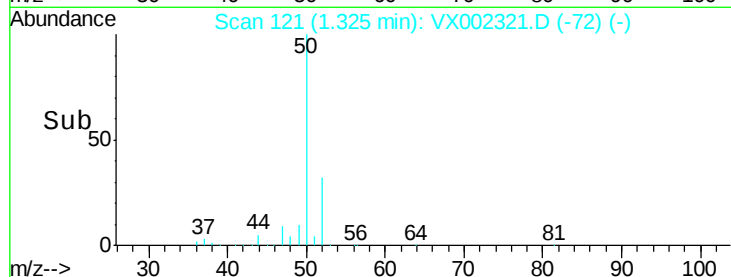
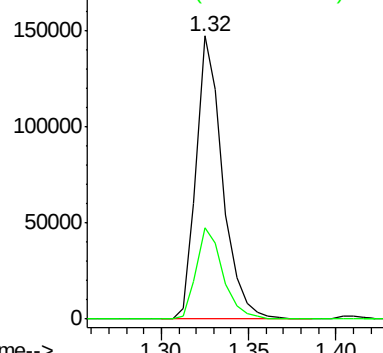
50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.05 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002321.D

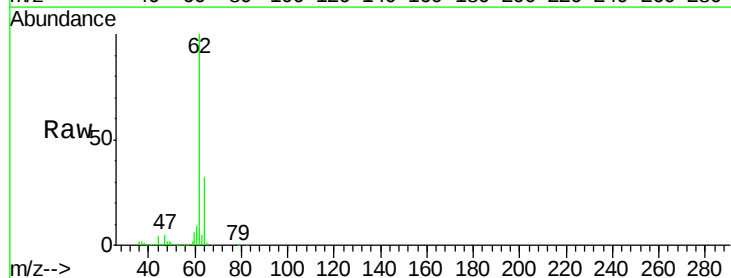
Acq: 05 Jun 2018 22:37

Tgt Ion: 62 Resp: 166874

Ion Ratio Lower Upper

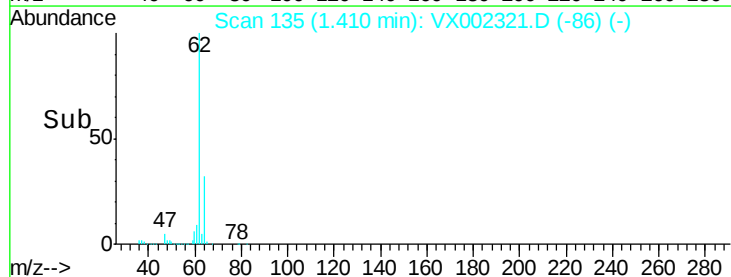
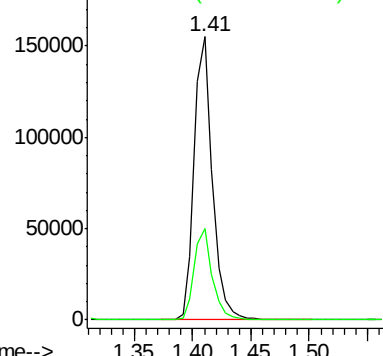
62 100

64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.79 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

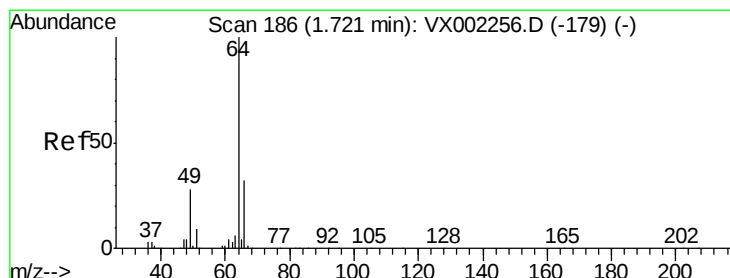
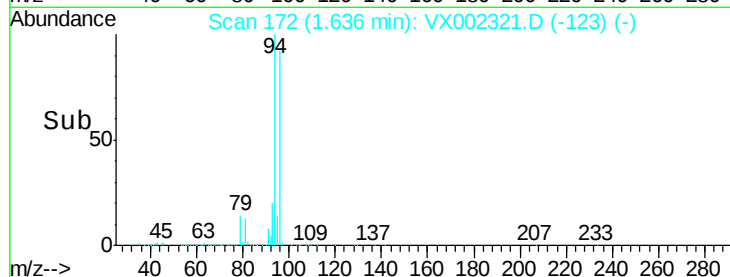
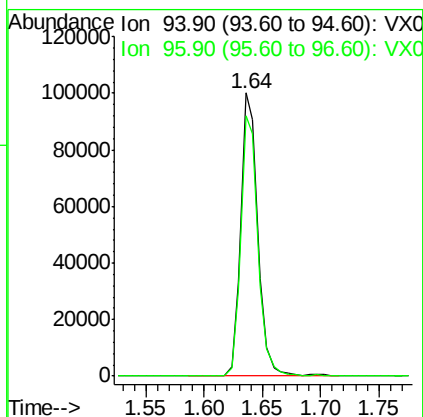
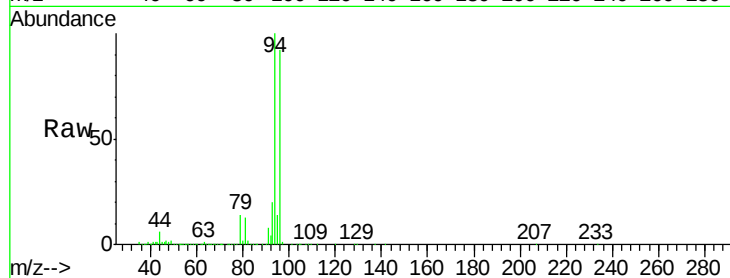
VSTDCCC050

Tot Ion: 94 Resp: 102215

Ion Ratio Lower Upper

94 100

96 92.1 74.9 112.3



#6

Chloroethane

Concen: 51.70 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002321.D

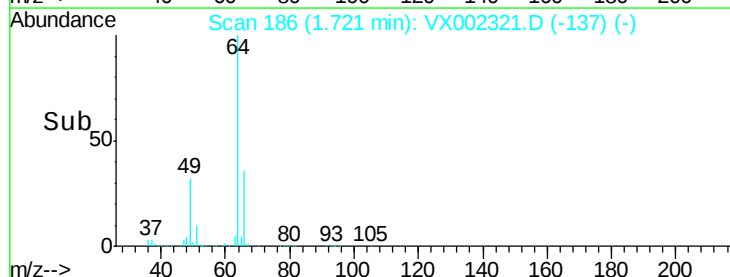
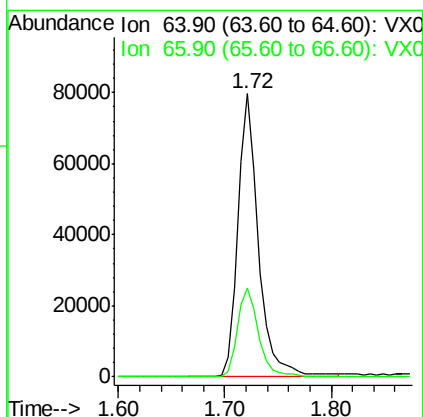
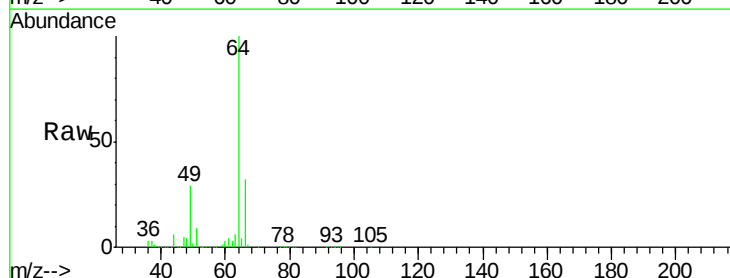
Acq: 05 Jun 2018 22:37

Tgt Ion: 64 Resp: 107214

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



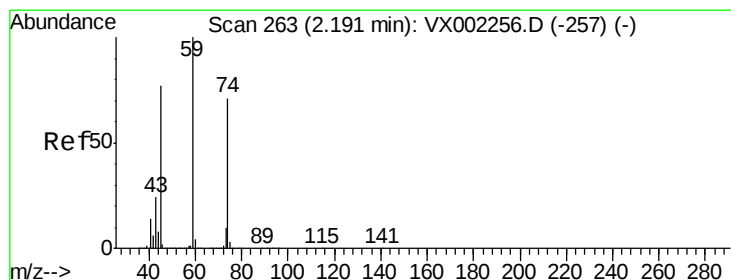
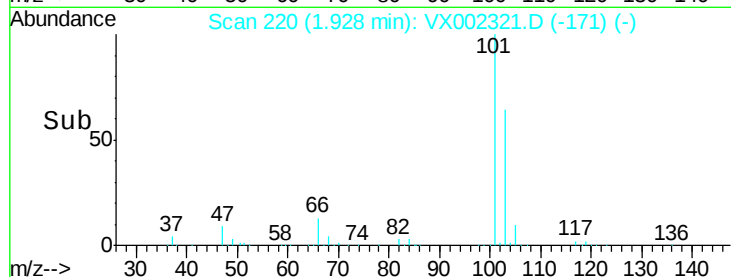
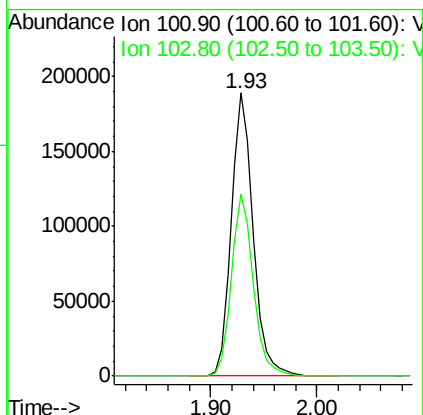
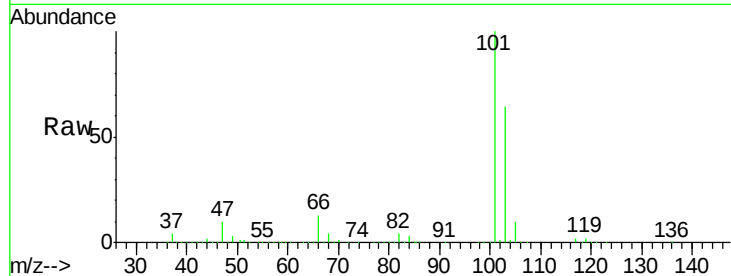


#7

Trichlorofluoromethane
 Concen: 55.82 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

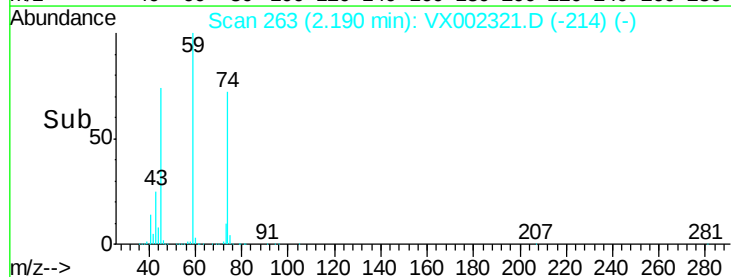
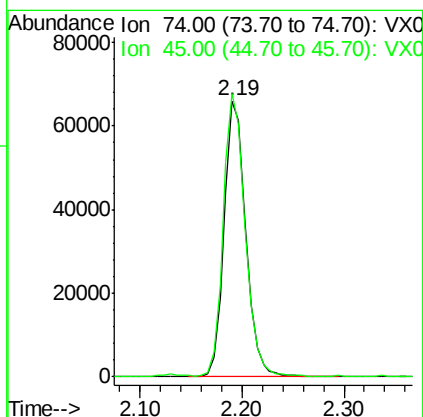
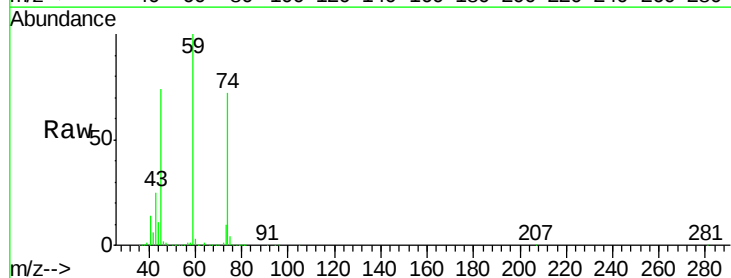
Tot Ion:101 Resp: 272675
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2



#8

Diethyl Ether
 Concen: 56.30 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion: 74 Resp: 97200
 Ion Ratio Lower Upper
 74 100
 45 102.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

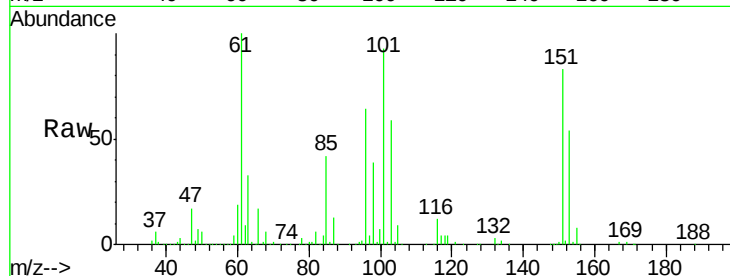
Tot Ion:101 Resp: 149732

Ion Ratio Lower Upper

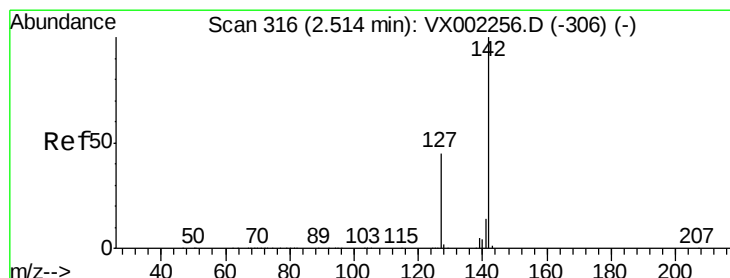
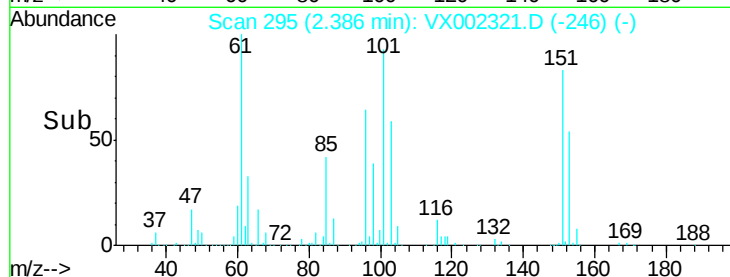
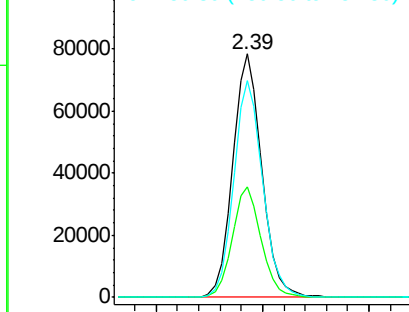
101 100

85 45.3 36.0 54.0

151 89.3 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: 53.48 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

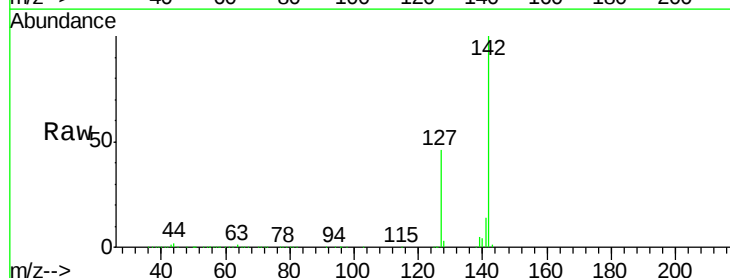
Tgt Ion:142 Resp: 198292

Ion Ratio Lower Upper

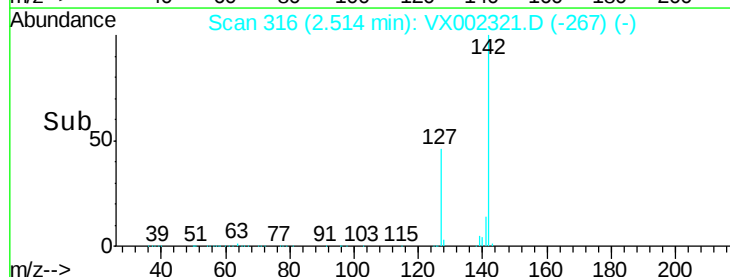
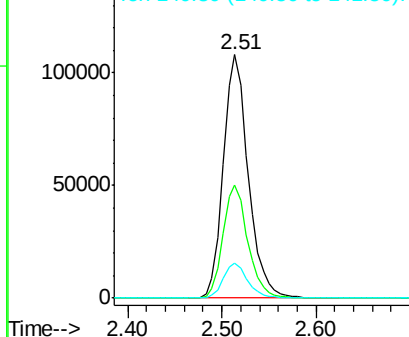
142 100

127 46.2 36.6 55.0

141 14.2 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

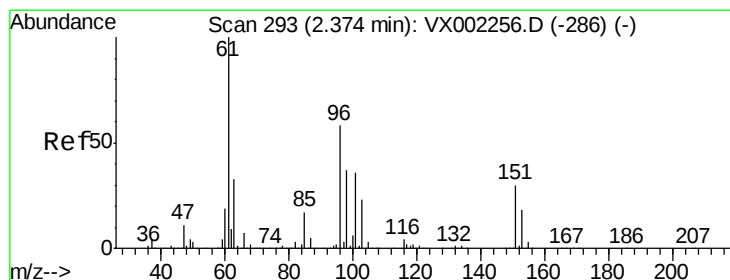
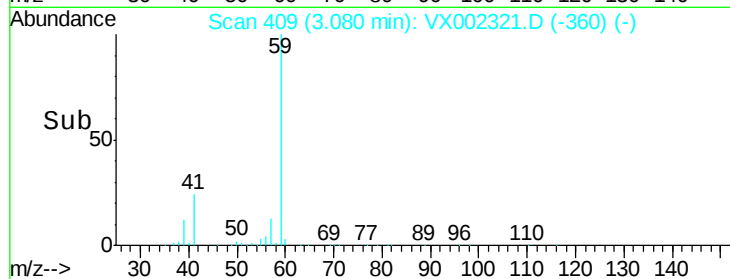
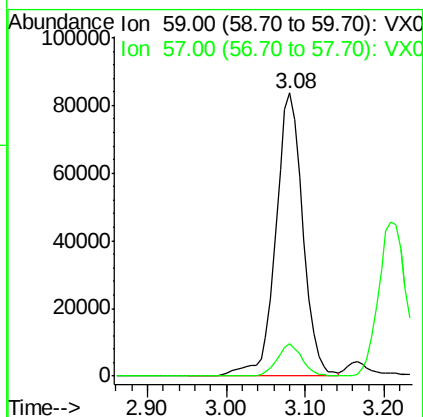
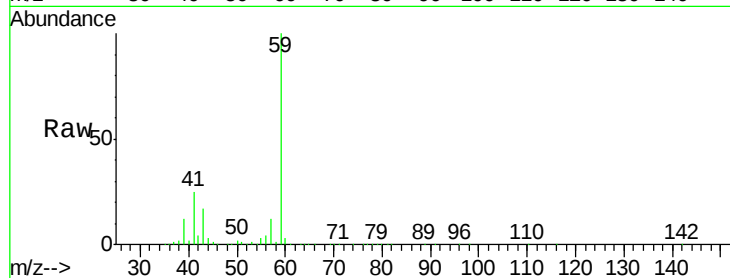




#11
Tert butyl alcohol
Concen: 279.73 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

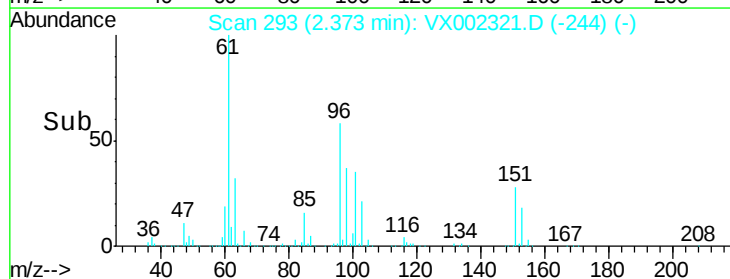
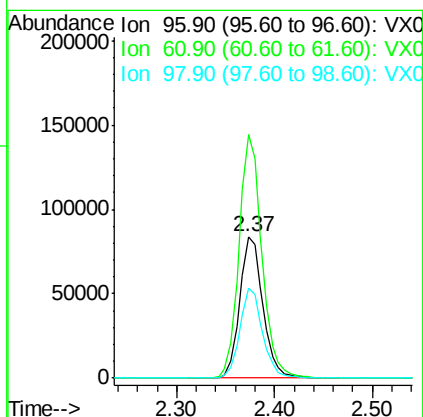
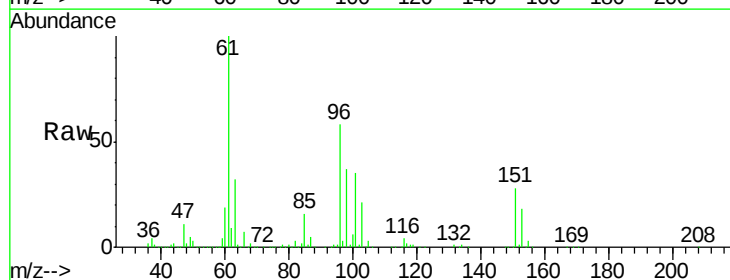
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

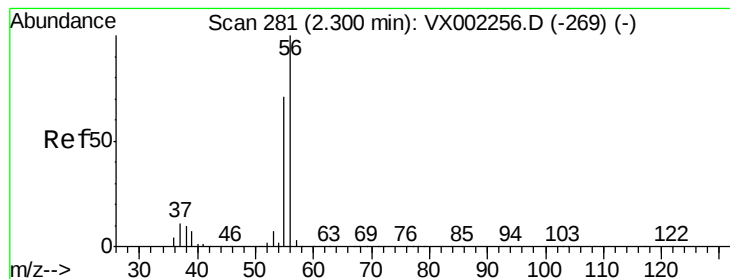
Tot Ion: 59 Resp: 198927
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.74 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 96 Resp: 137379
Ion Ratio Lower Upper
96 100
61 171.8 137.9 206.9
98 63.3 51.6 77.4





#13

Acrolein

Concen: 262.33 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

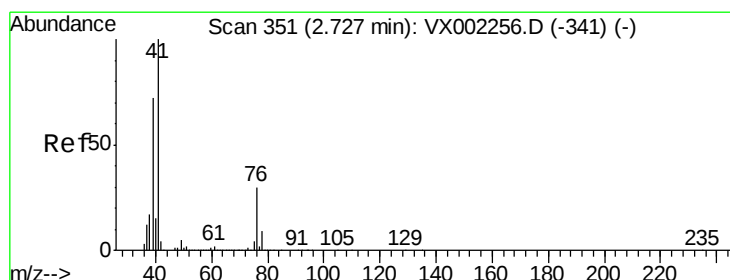
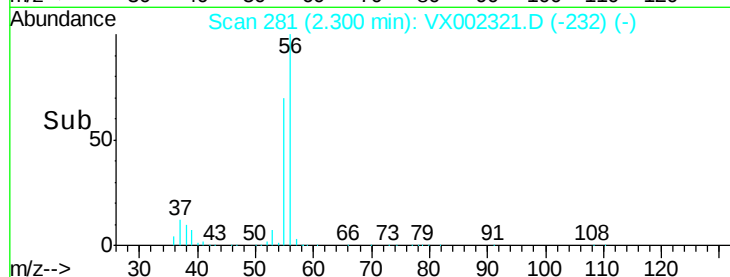
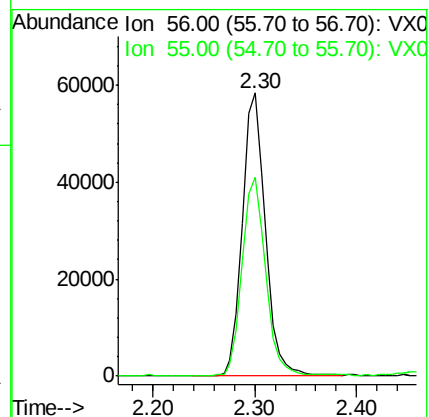
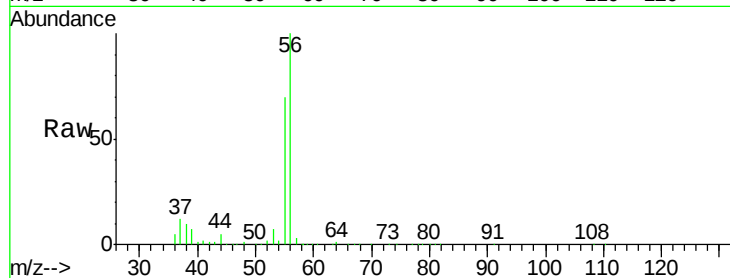
VSTDCCC050

Tot Ion: 56 Resp: 90980

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 47.91 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

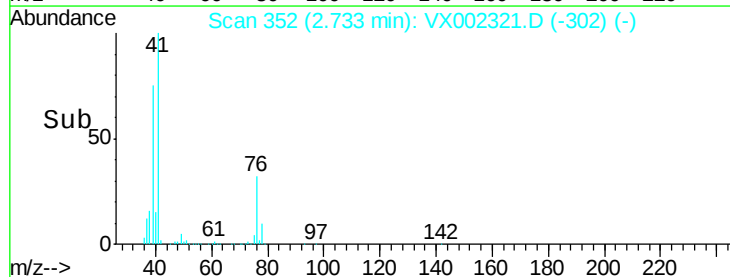
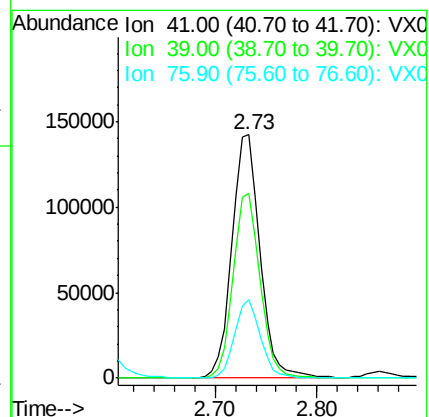
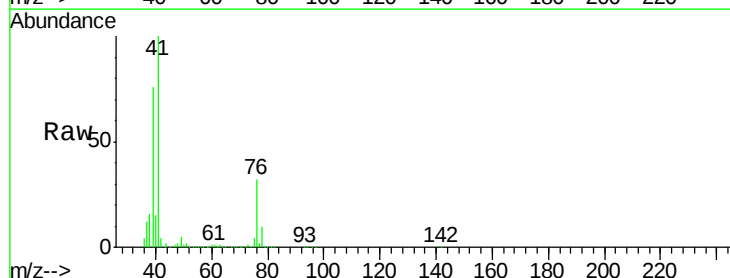
Tgt Ion: 41 Resp: 270871

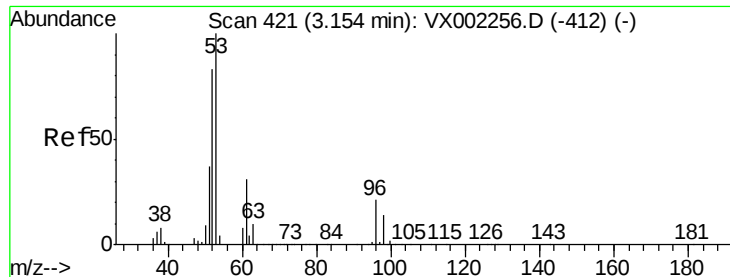
Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 282.72 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

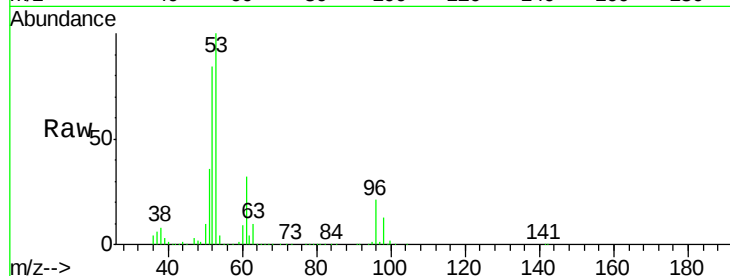
Tot Ion: 53 Resp: 419165

Ion Ratio Lower Upper

53 100

52 82.9 66.7 100.1

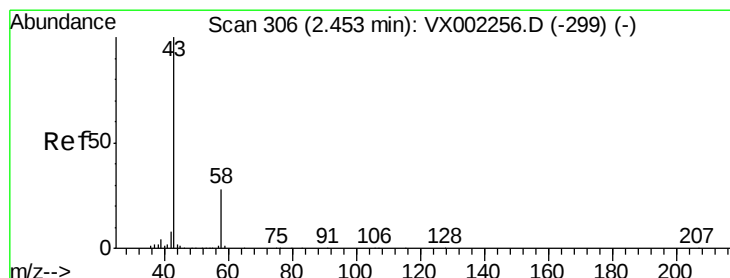
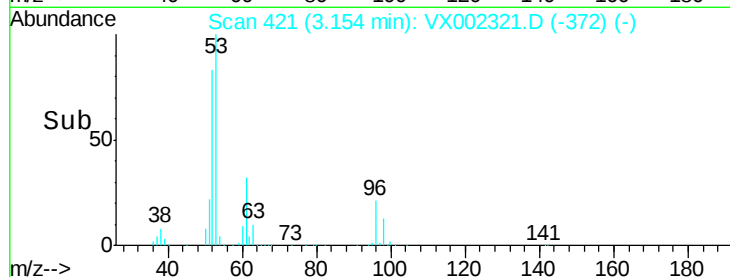
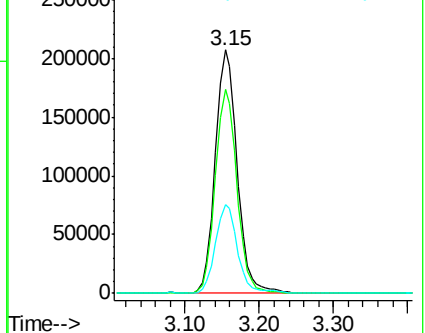
51 37.1 29.9 44.9



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: 262.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002321.D

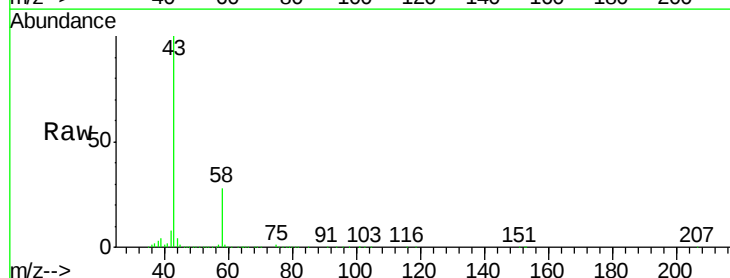
Acq: 05 Jun 2018 22:37

Tgt Ion: 43 Resp: 393871

Ion Ratio Lower Upper

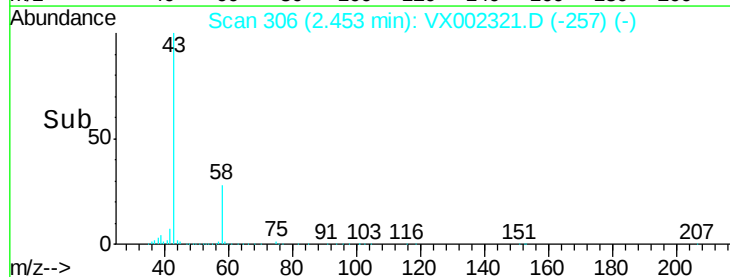
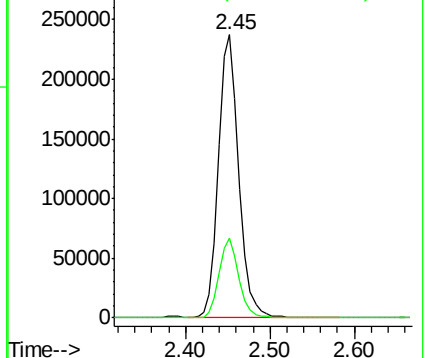
43 100

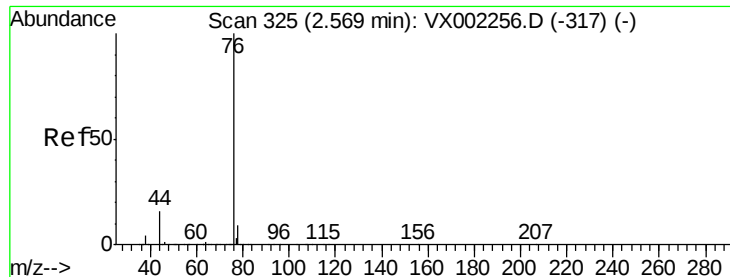
58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.97 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

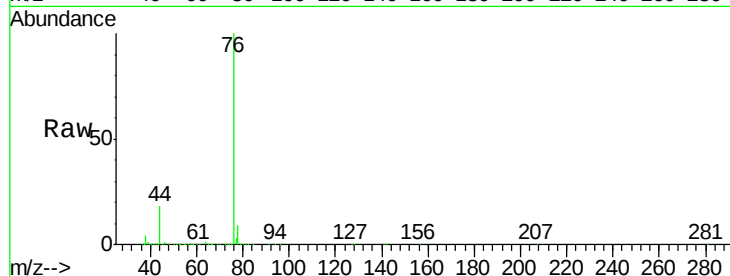
VSTDCCC050

Tot Ion: 76 Resp: 315639

Ion Ratio Lower Upper

76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

150000

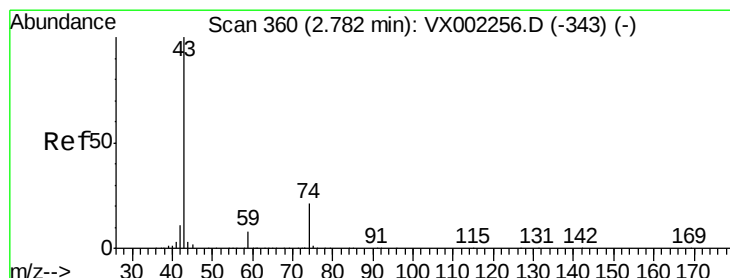
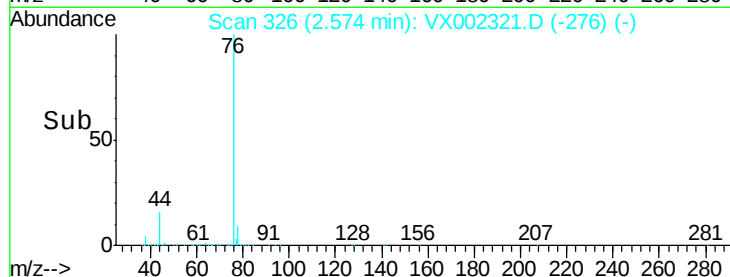
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 56.76 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002321.D

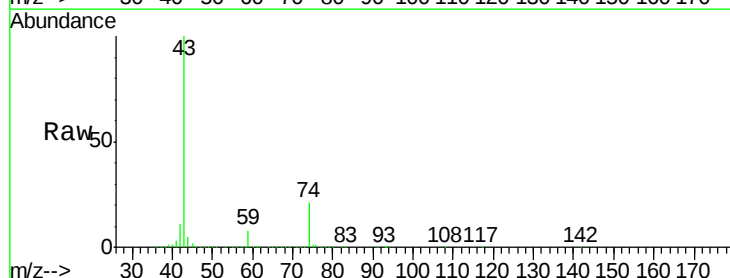
Acq: 05 Jun 2018 22:37

Tgt Ion: 43 Resp: 197716

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

60000

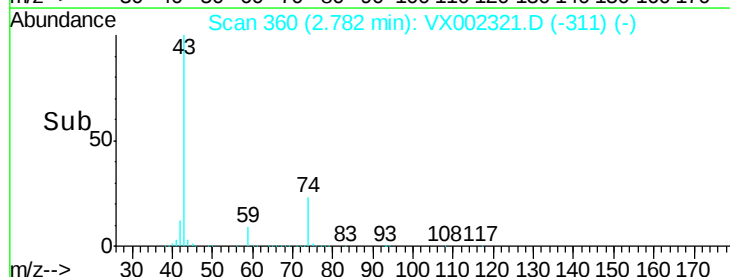
40000

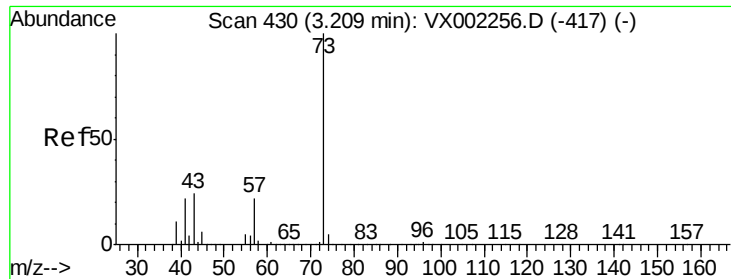
20000

0

Time-->

2.70 2.80 2.90

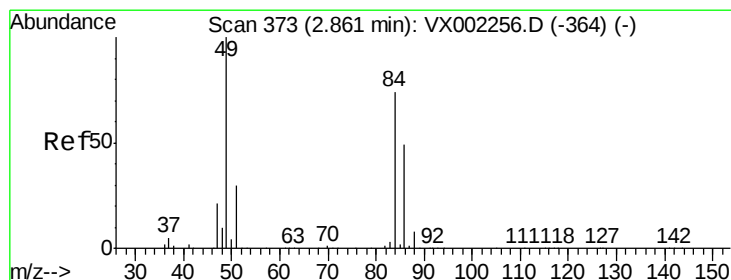
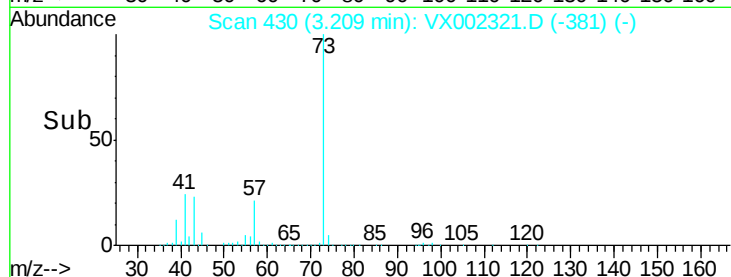
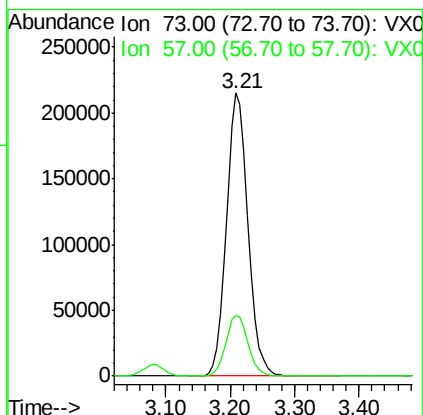
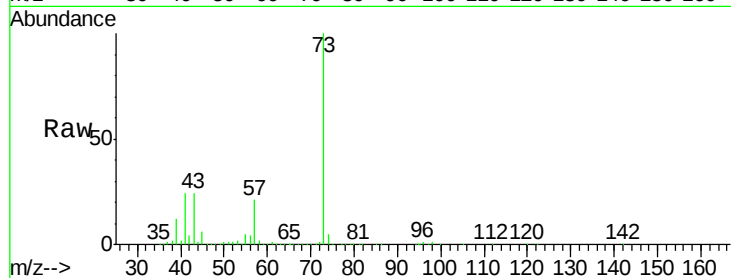




#19
Methvl tert-butvl Ether
Concen: 56.01 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

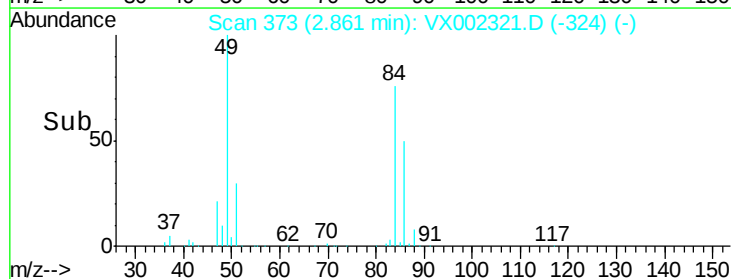
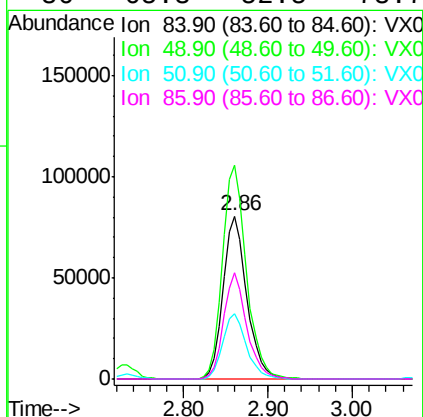
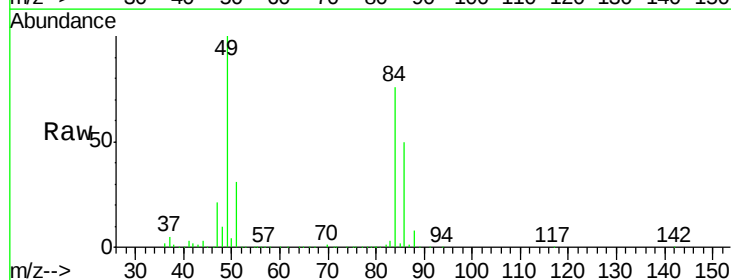
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

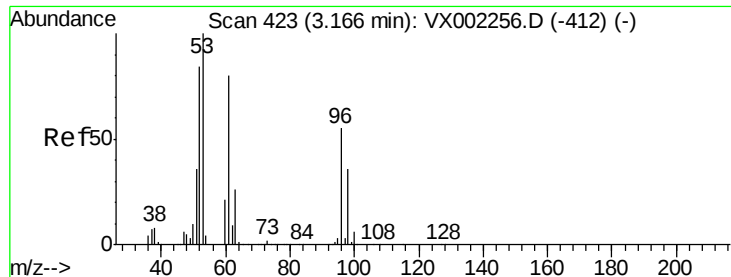
Tot Ion: 73 Resp: 505480
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 56.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 84 Resp: 155339
Ion Ratio Lower Upper
84 100
49 131.3 107.8 161.6
51 40.0 32.8 49.2
86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.73 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

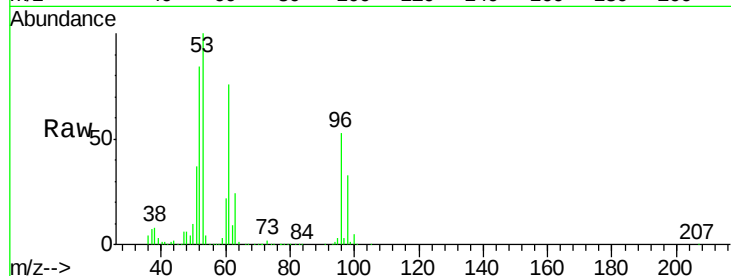
Tot Ion: 96 Resp: 145731

Ion Ratio Lower Upper

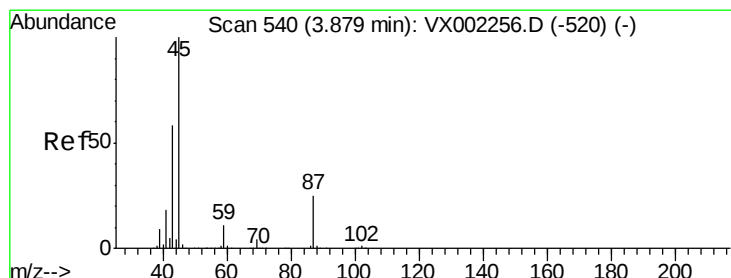
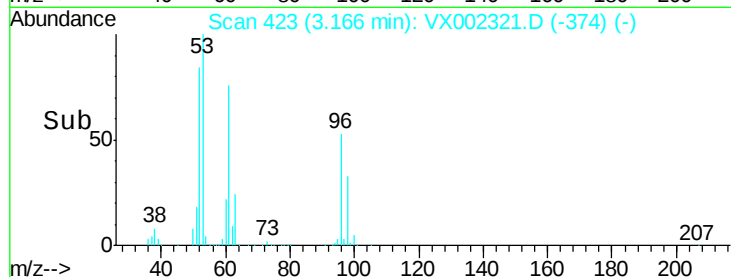
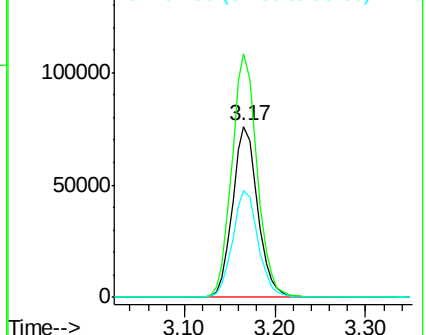
96 100

61 142.5 117.0 175.4

98 62.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 51.30 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion: 45 Resp: 484134

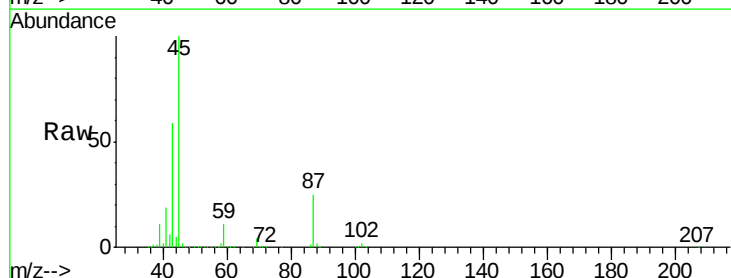
Ion Ratio Lower Upper

45 100

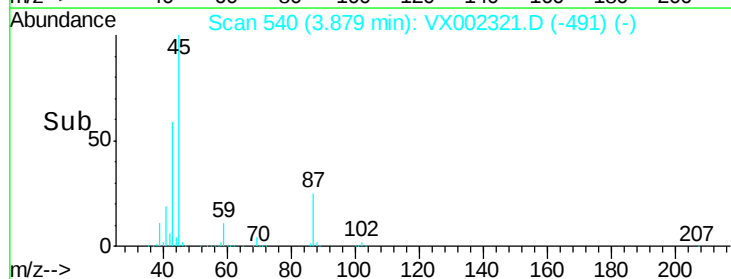
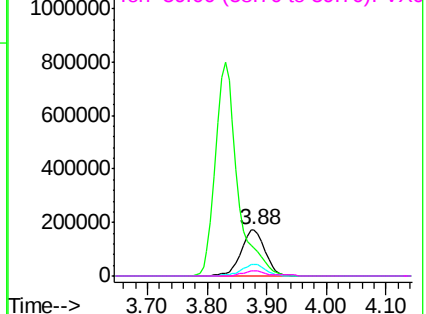
43 59.2 46.8 70.2

87 25.2 20.2 30.4

59 10.7 8.7 13.1



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

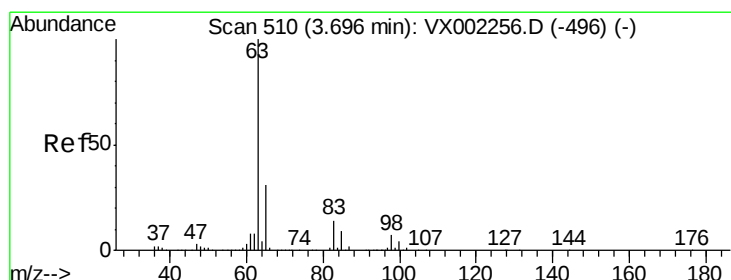
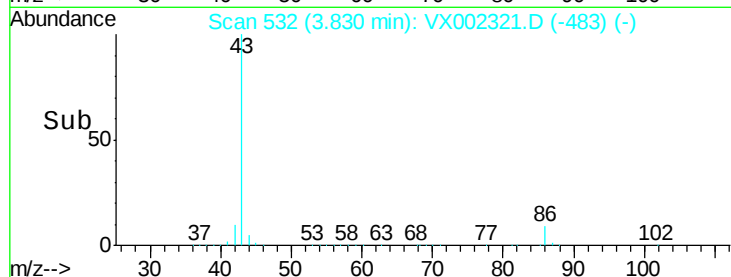
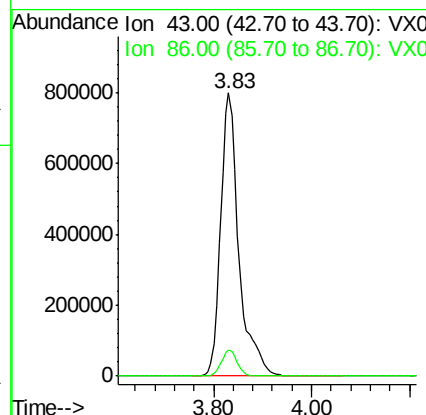
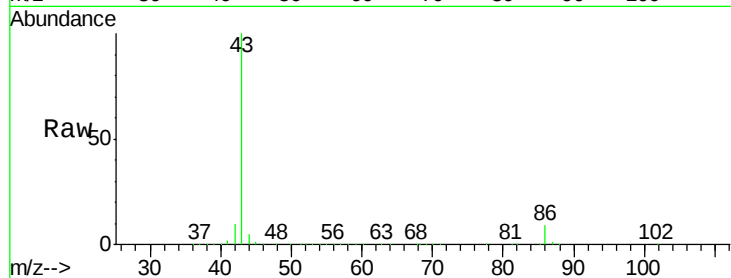




#23
 Vinyl Acetate
 Concen: 224.67 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

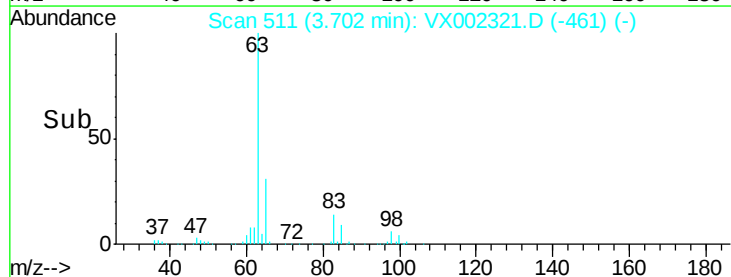
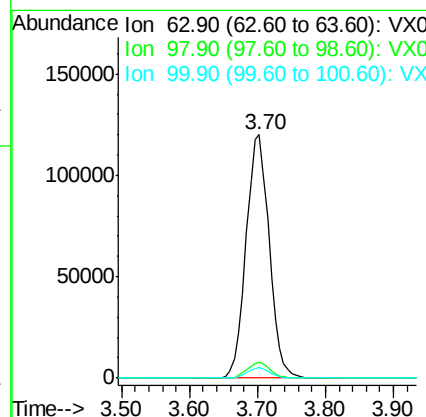
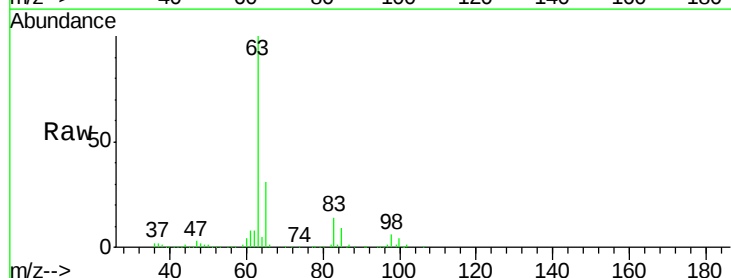
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

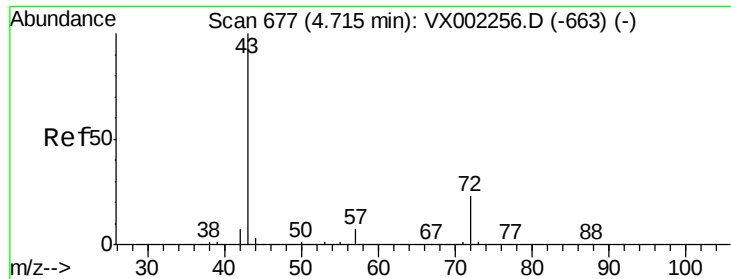
Tot Ion: 43 Resp: 2059097
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 50.85 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion: 63 Resp: 284145
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 226.06 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

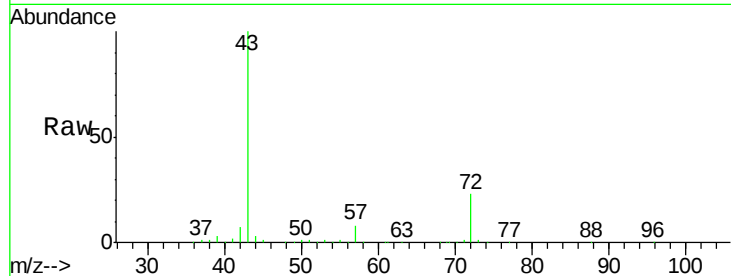
VSTDCCC050

Tot Ion: 43 Resp: 542386

Ion Ratio Lower Upper

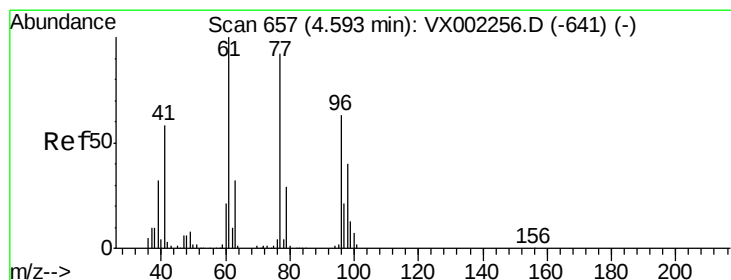
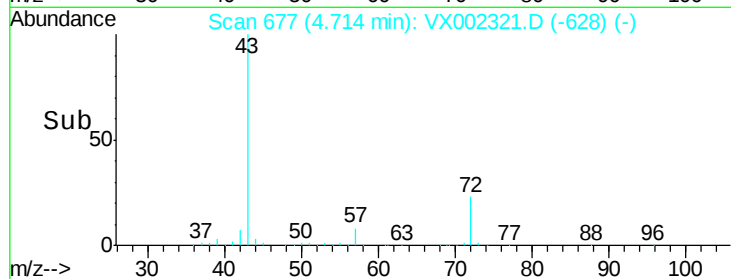
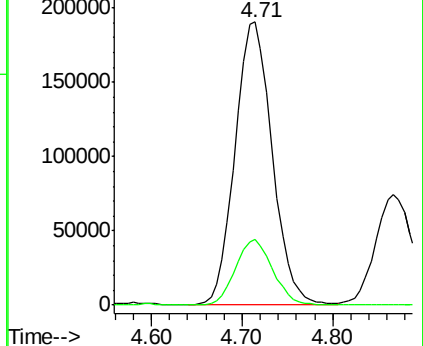
43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002321.D

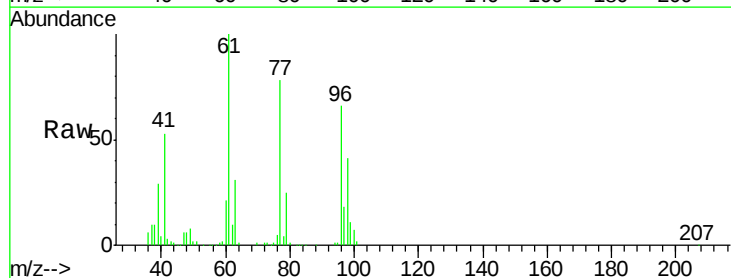
Acq: 05 Jun 2018 22:37

Tgt Ion: 77 Resp: 164623

Ion Ratio Lower Upper

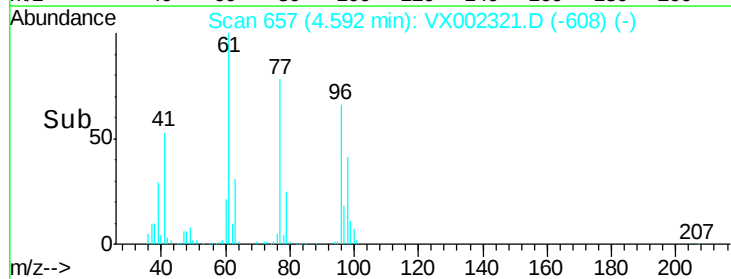
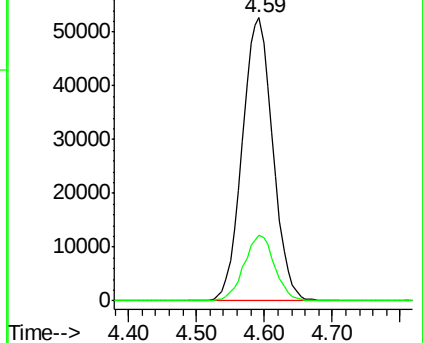
77 100

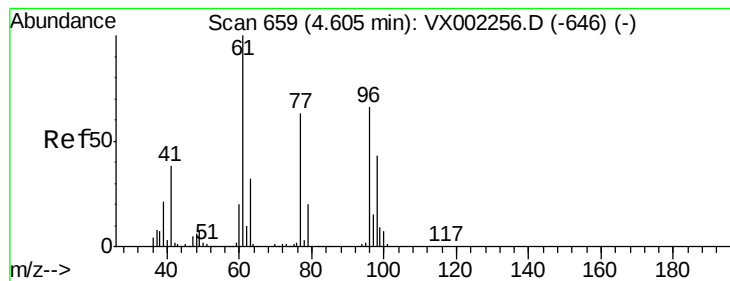
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.43 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

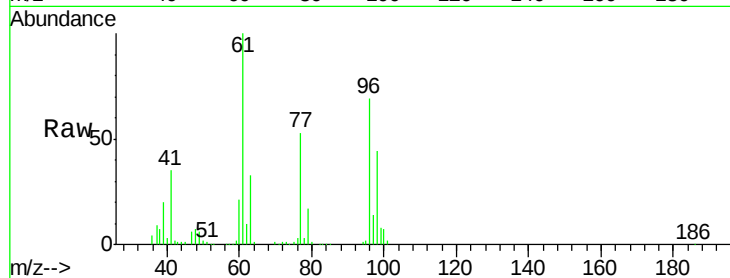
Tot Ion: 96 Resp: 145060

Ion Ratio Lower Upper

96 100

61 154.0 0.0 330.2

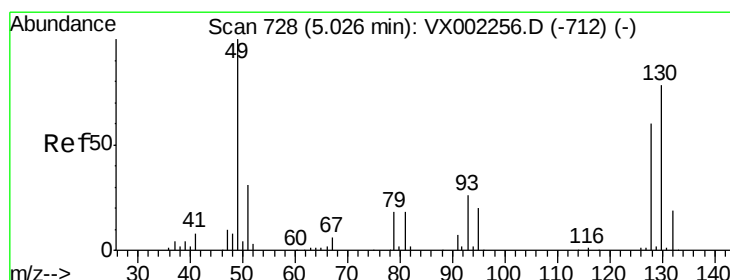
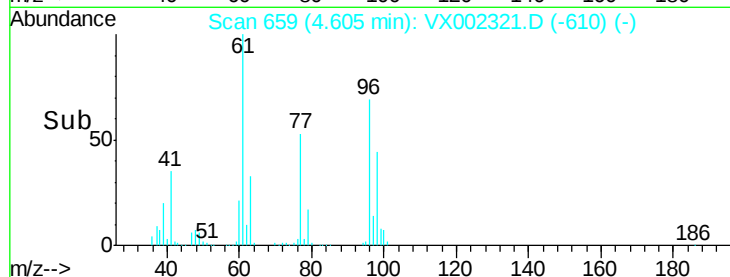
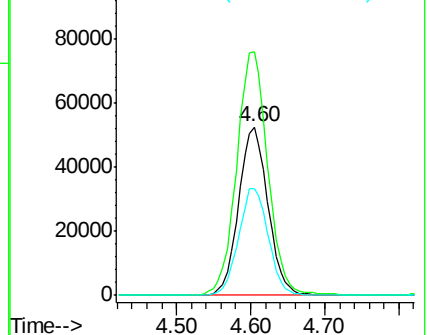
98 64.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 51.61 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

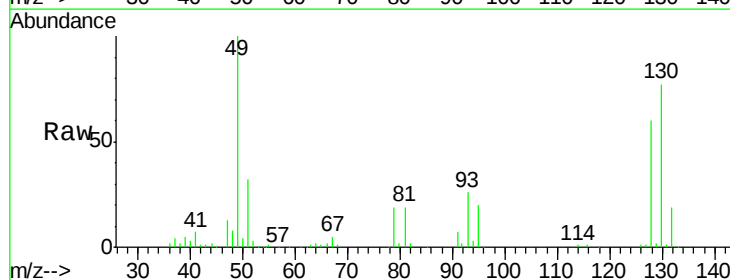
Tgt Ion: 49 Resp: 122368

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

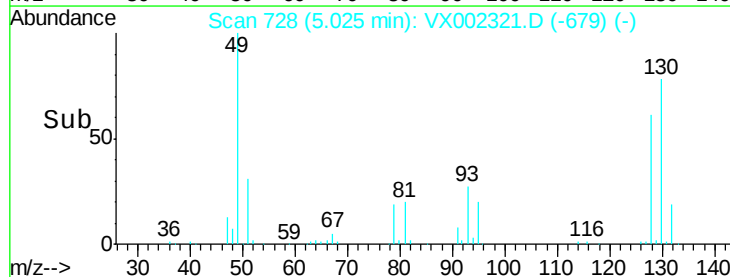
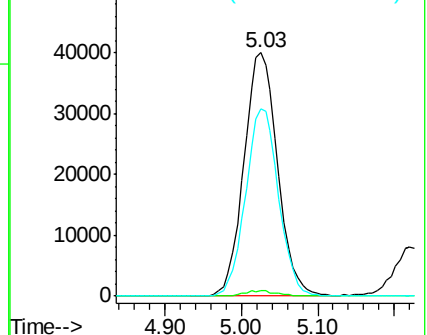
130 75.5 61.2 91.8

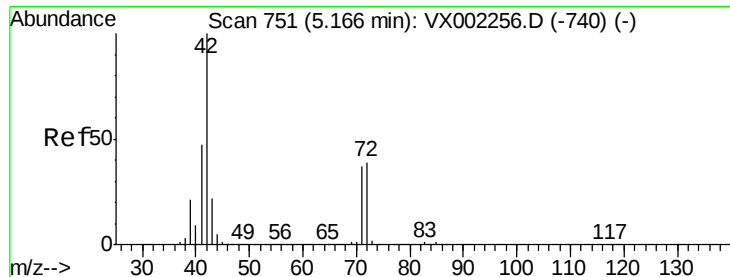


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 229.37 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

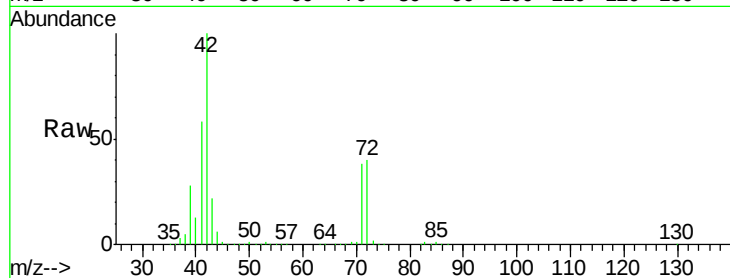
Tot Ion: 42 Resp: 354821

Ion Ratio Lower Upper

42 100

72 40.8 32.0 48.0

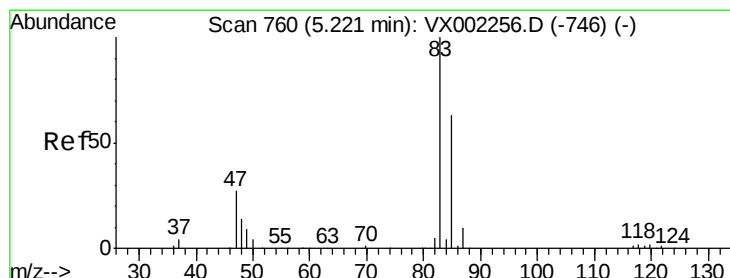
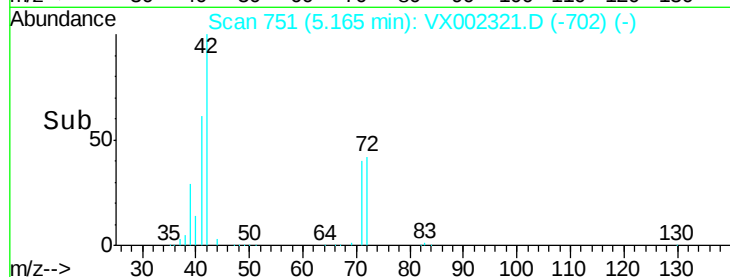
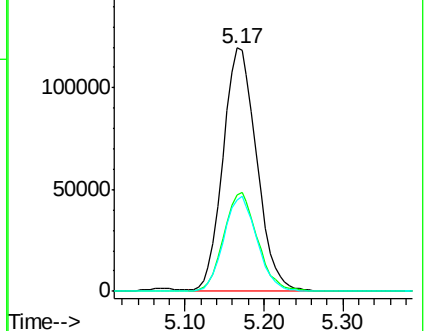
71 38.6 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.04 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002321.D

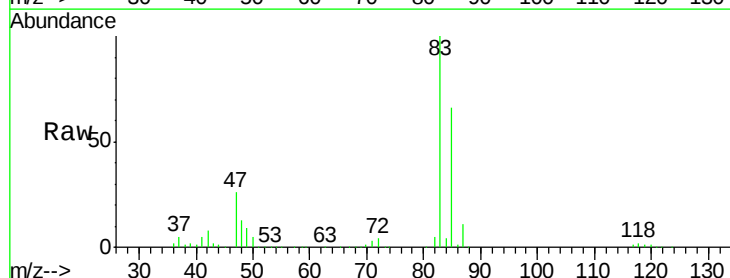
Acq: 05 Jun 2018 22:37

Tgt Ion: 83 Resp: 259048

Ion Ratio Lower Upper

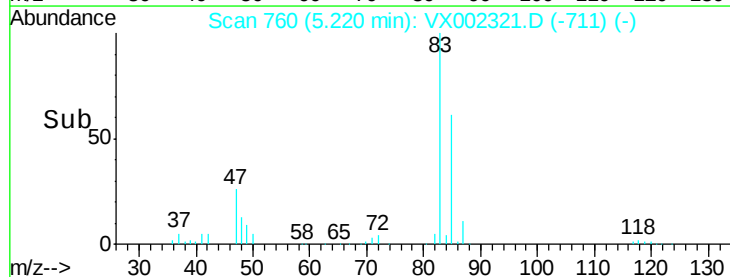
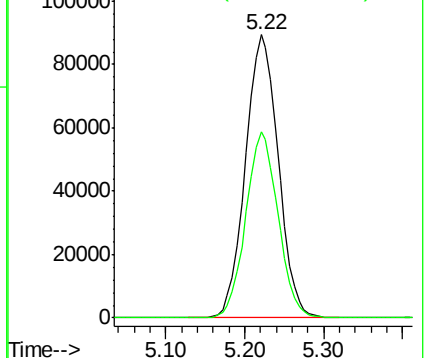
83 100

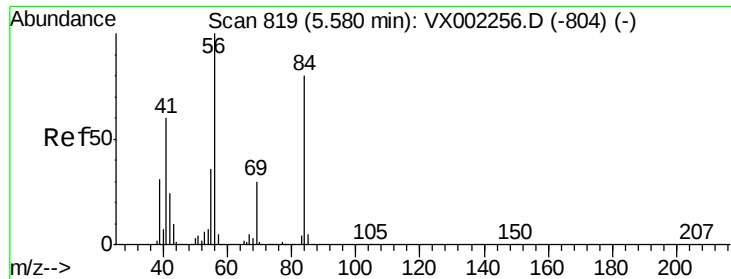
85 65.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

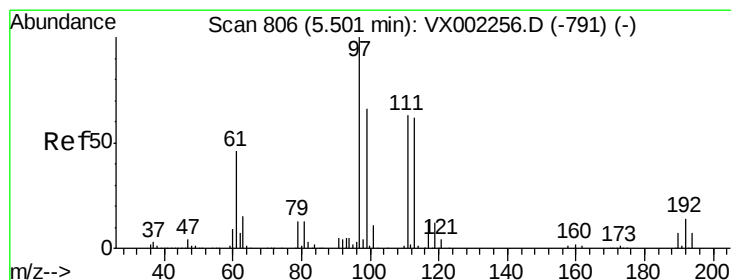
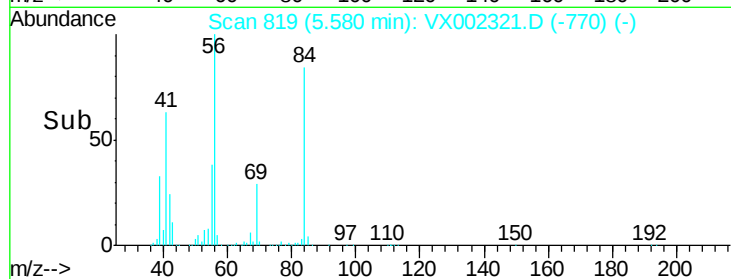
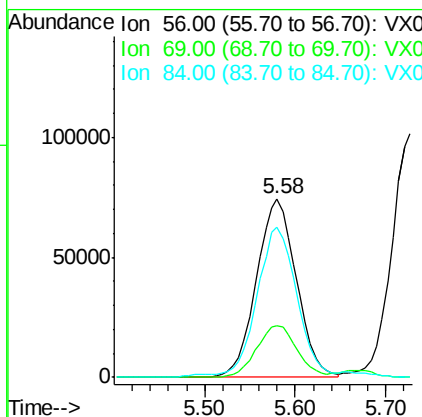
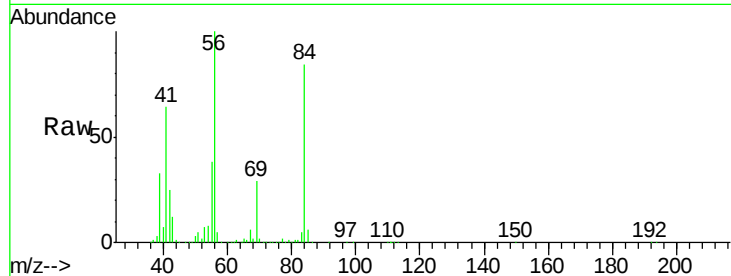




#31
Cyclohexane
Concen: 51.11 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

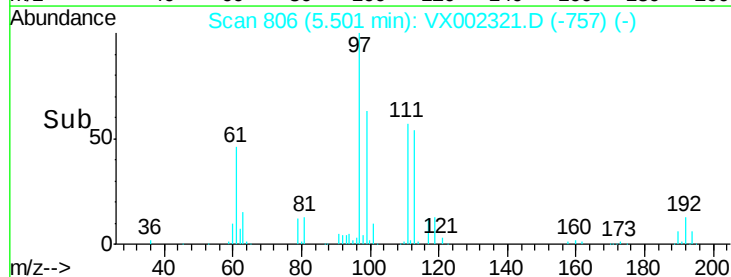
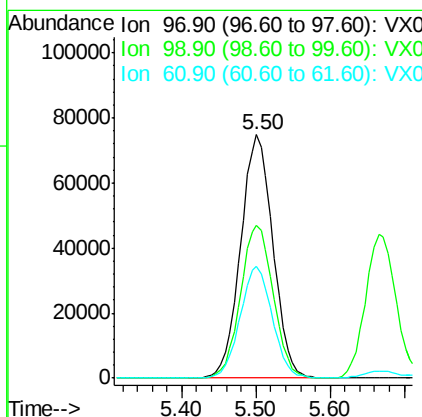
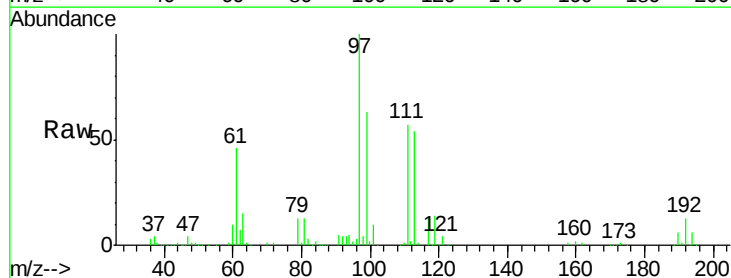
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 225836
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 82.7 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 49.84 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 97 Resp: 227894
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 45.8 36.4 54.6

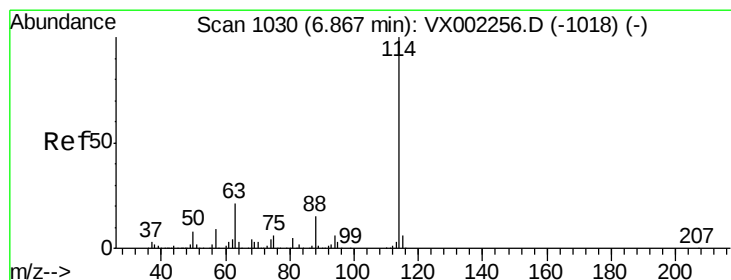
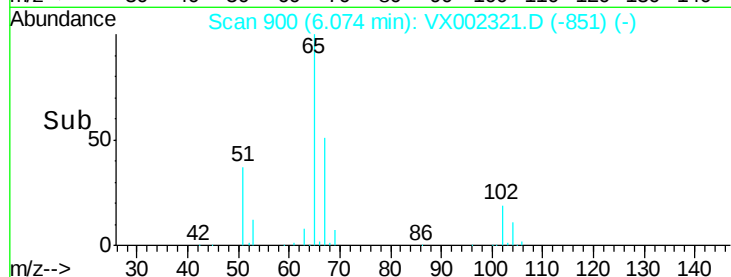
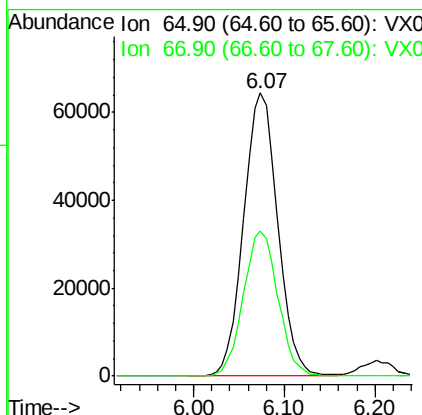
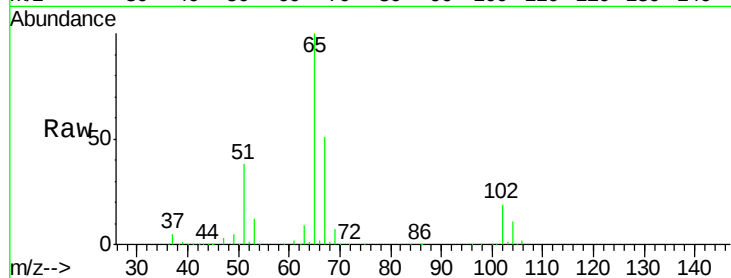




#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

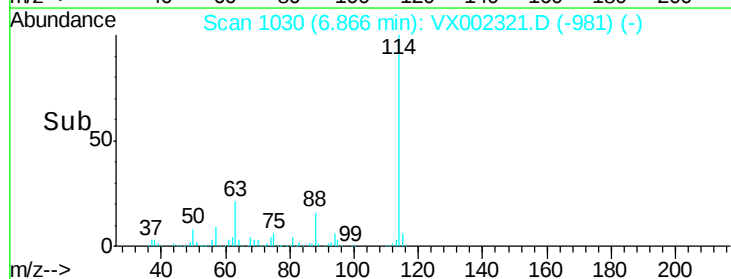
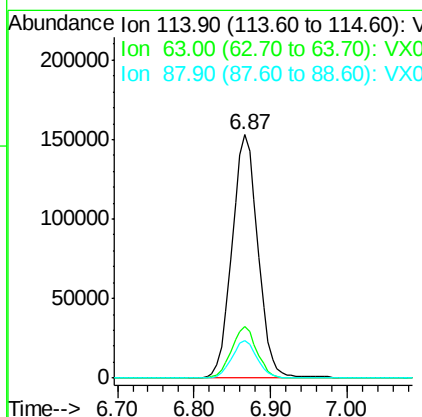
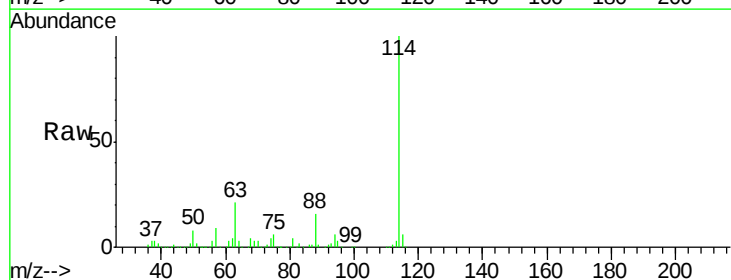
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

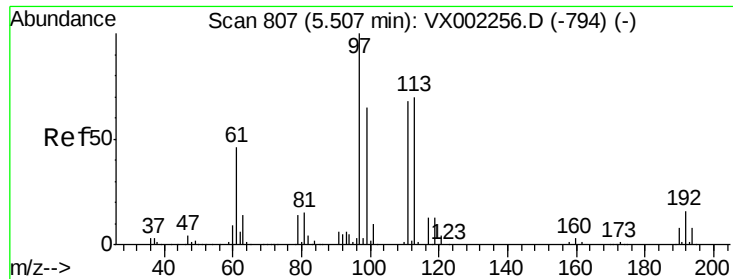
Tot Ion: 65 Resp: 168137
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion: 114 Resp: 359870
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.5 0.0 30.0

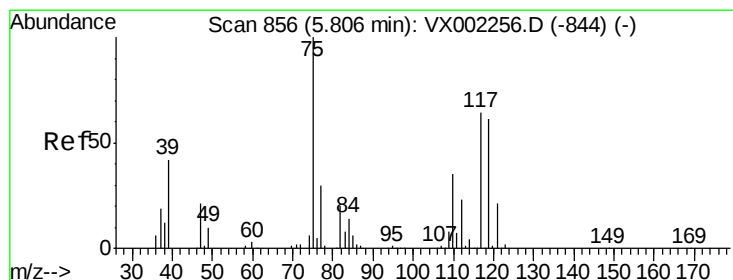
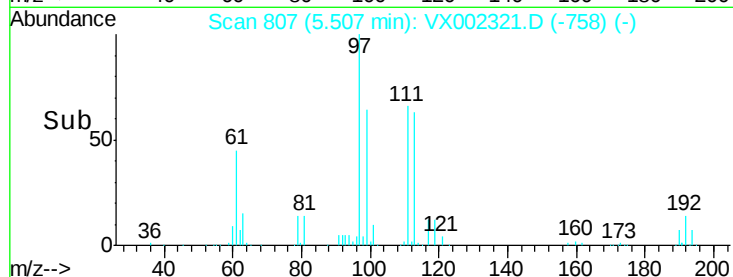
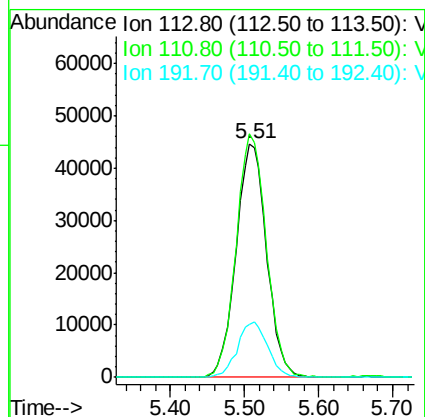
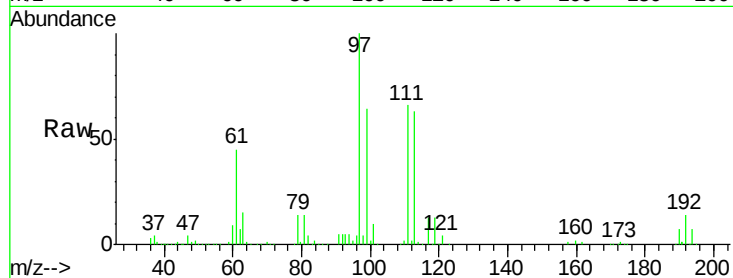




#35
 Dibromofluoromethane
 Concen: 45.28 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

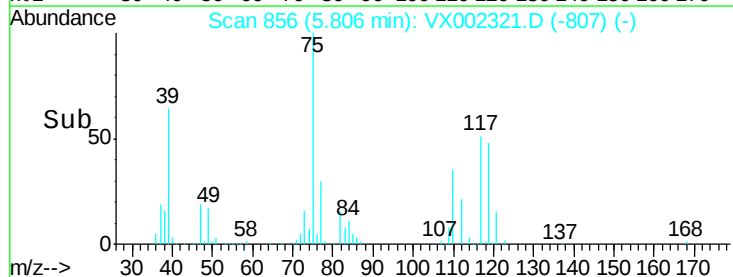
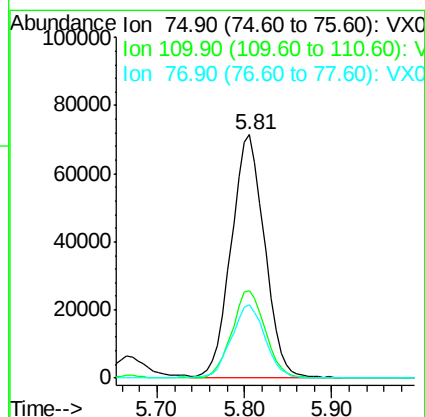
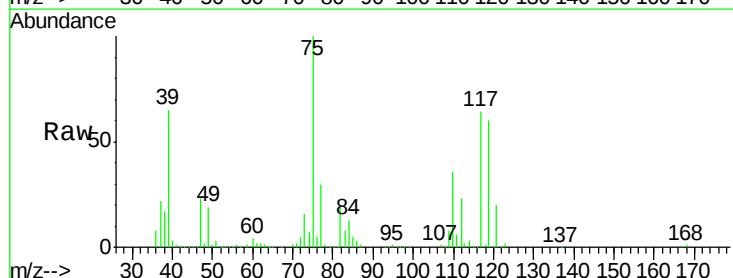
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

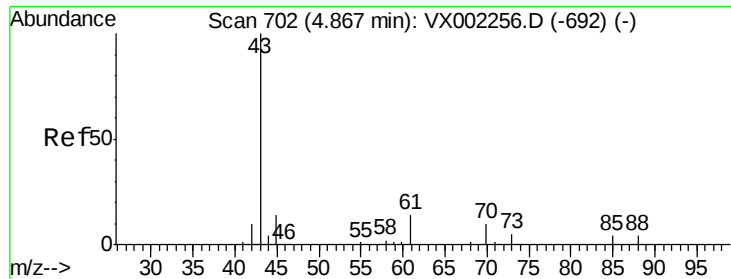
Tot Ion:113 Resp: 128158
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.0
 192 23.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.91 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion: 75 Resp: 188830
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 30.4 24.3 36.5

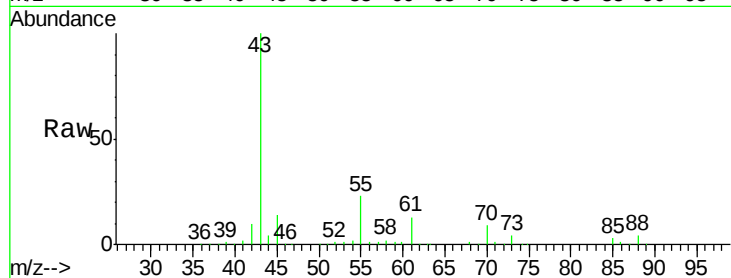




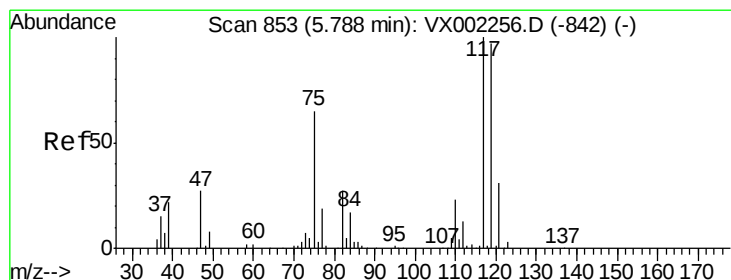
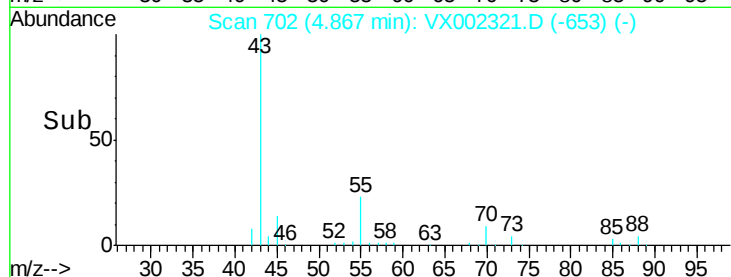
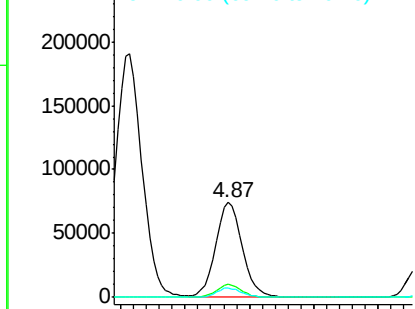
#37
Ethyl Acetate
Concen: 47.74 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 217215
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 9.3 7.6 11.4

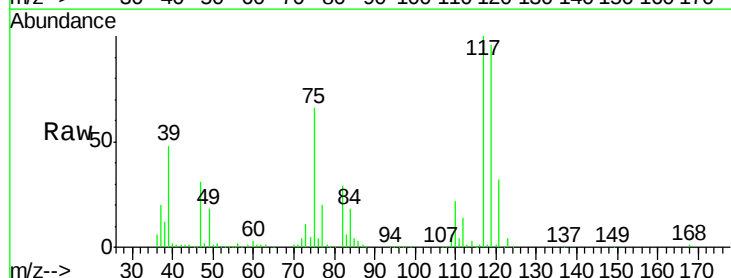


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

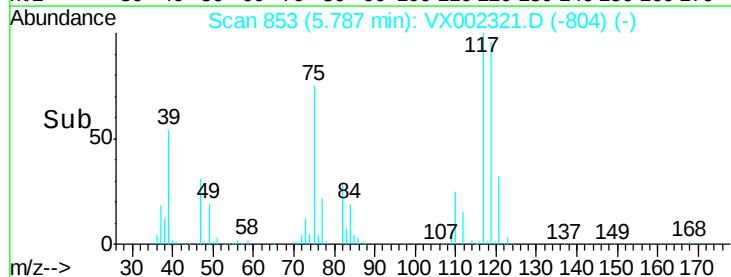
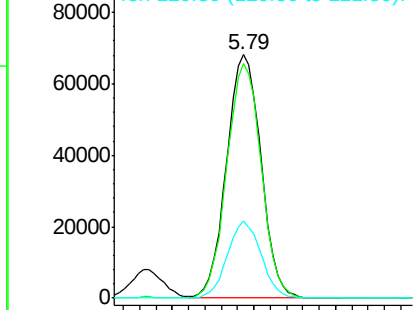


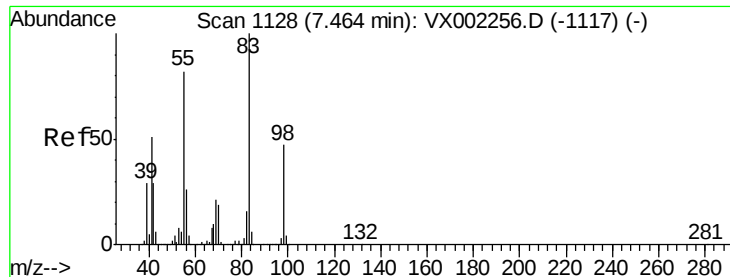
#38
Carbon Tetrachloride
Concen: 50.33 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 117 Resp: 199194
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 31.9 24.4 36.6



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

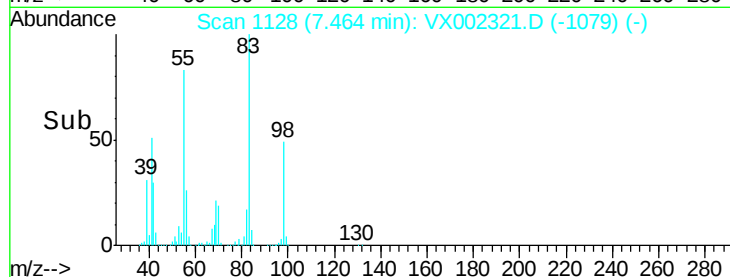
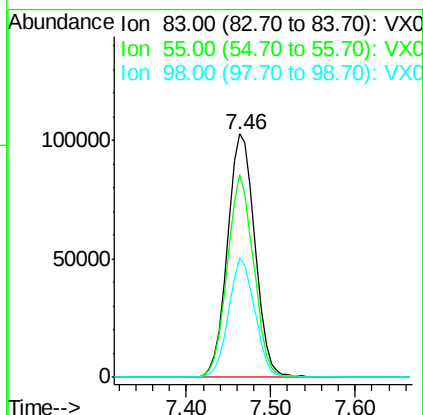
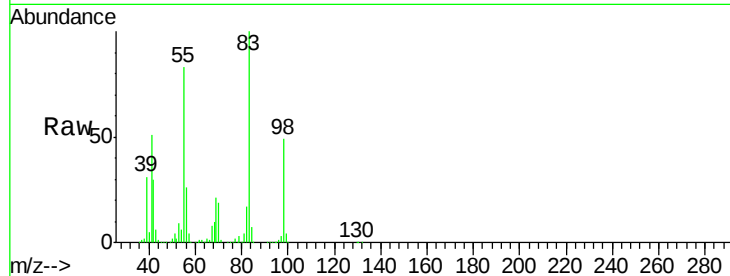




#39
Methvlcvclohexane
Concen: 48.72 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

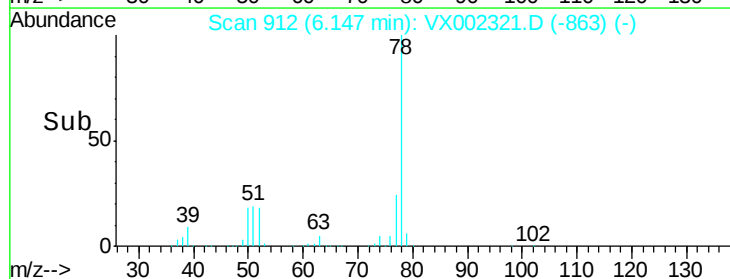
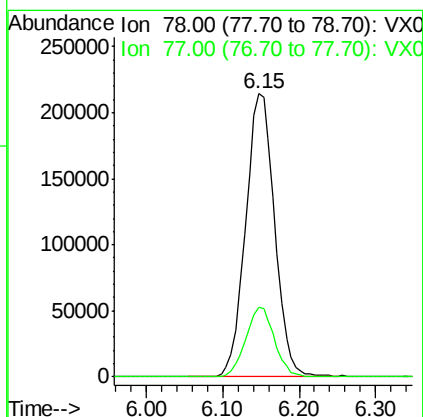
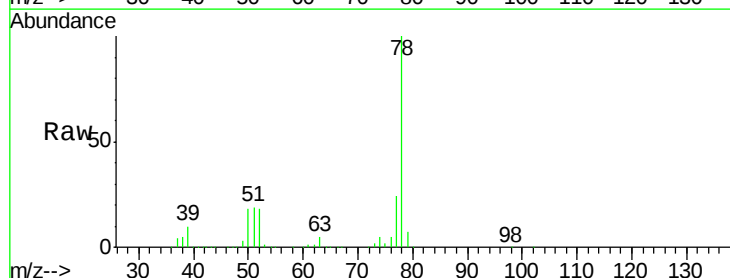
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

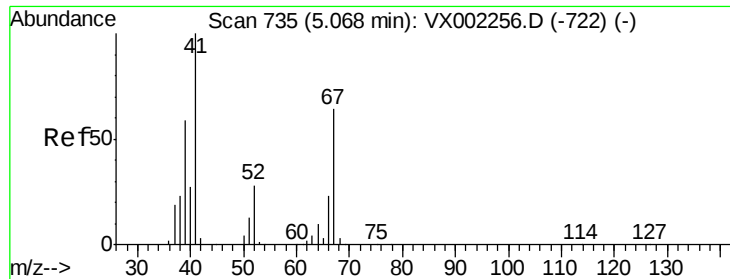
Tot Ion: 83 Resp: 227670
Ion Ratio Lower Upper
83 100
55 83.3 65.4 98.0
98 49.1 37.4 56.0



#40
Benzene
Concen: 48.83 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 78 Resp: 566377
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

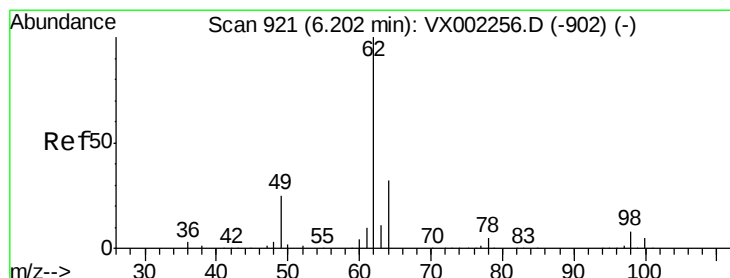
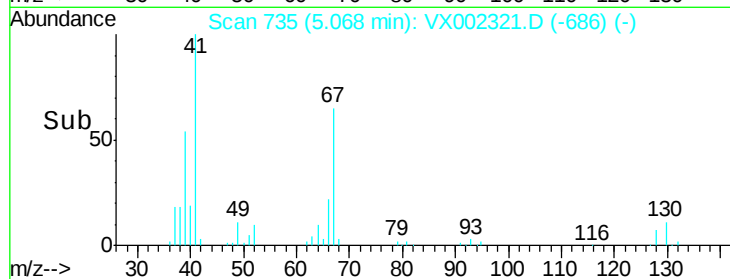
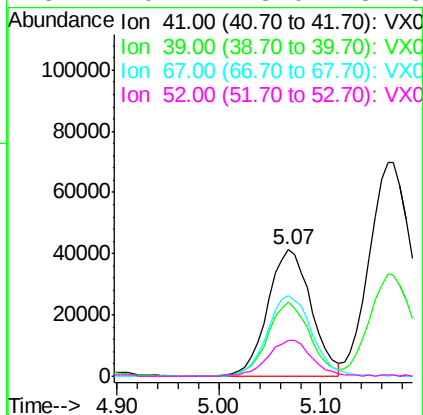
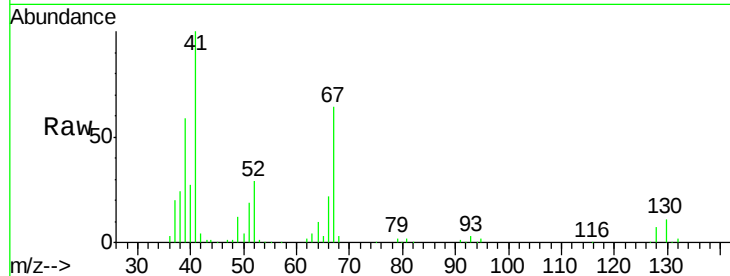




#41
Methacrylonitrile
Concen: 46.74 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

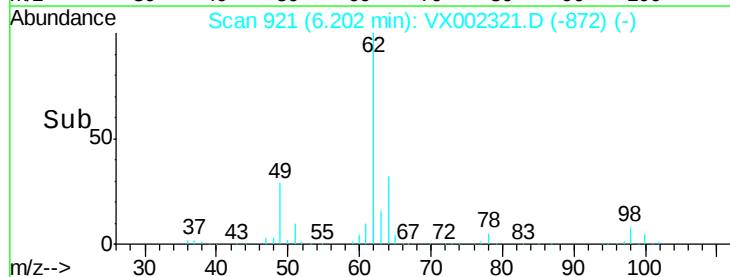
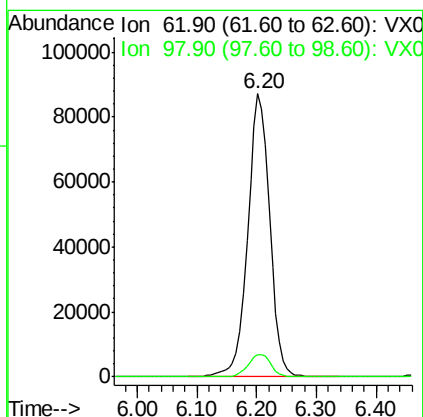
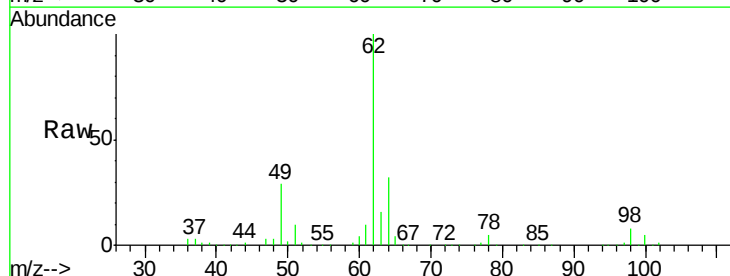
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

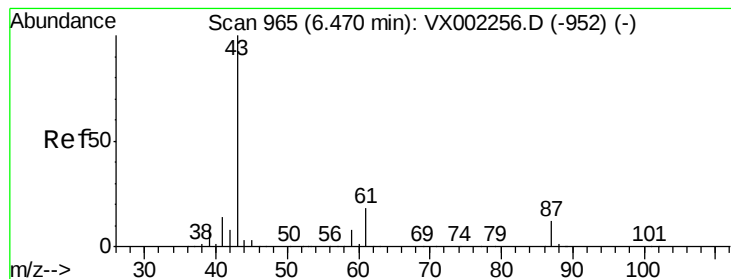
Tot Ion:	41	Resp:	121734
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.6
67	65.8	51.3	76.9
52	29.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion:	62	Resp:	222867
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 46.37 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

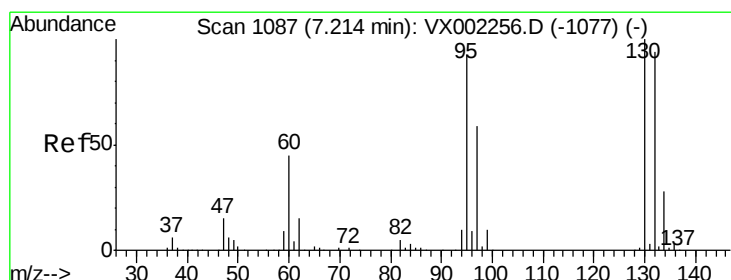
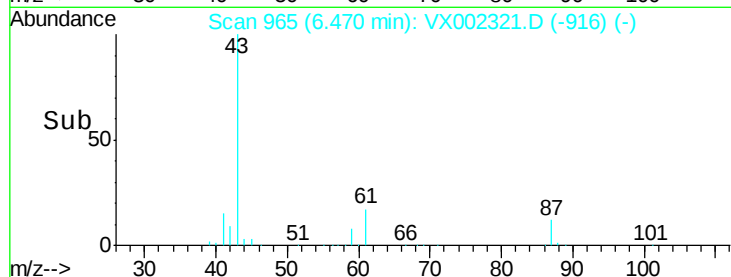
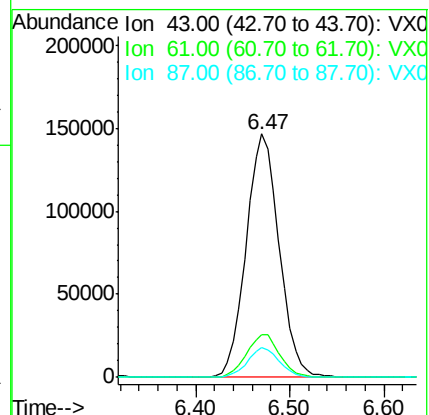
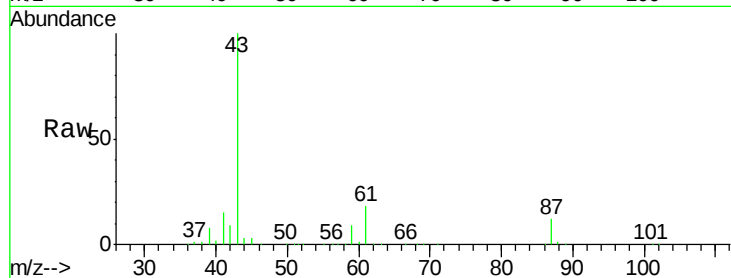
Tot Ion: 43 Resp: 358346

Ion Ratio Lower Upper

43 100

61 17.7 14.4 21.6

87 11.8 9.5 14.3



#44

Trichloroethene

Concen: 50.91 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002321.D

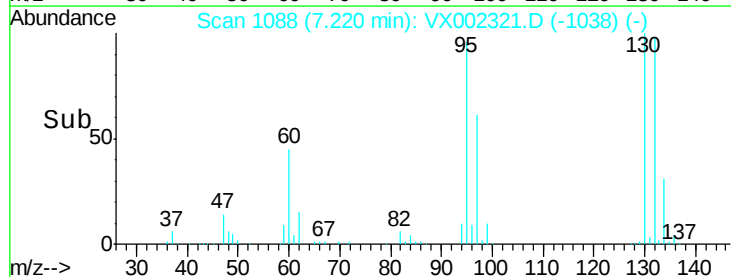
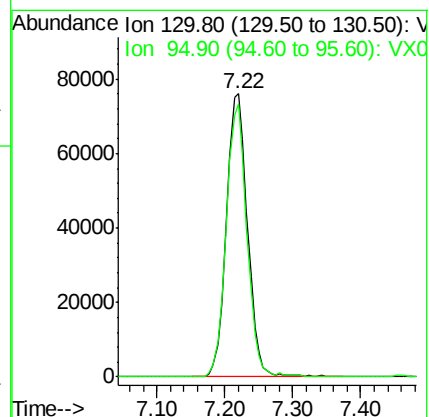
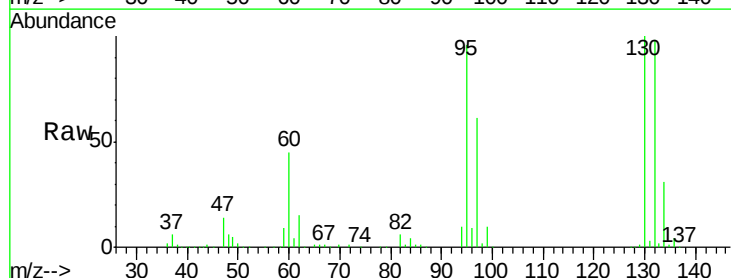
Acq: 05 Jun 2018 22:37

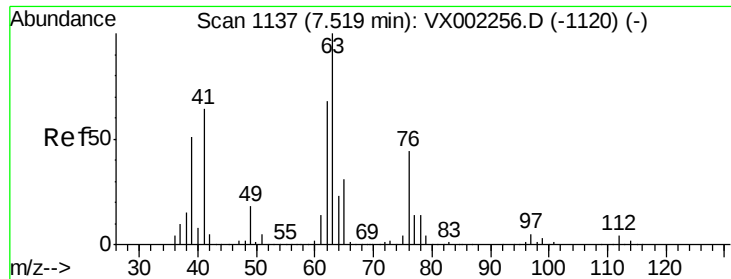
Tgt Ion:130 Resp: 163898

Ion Ratio Lower Upper

130 100

95 96.5 0.0 185.4

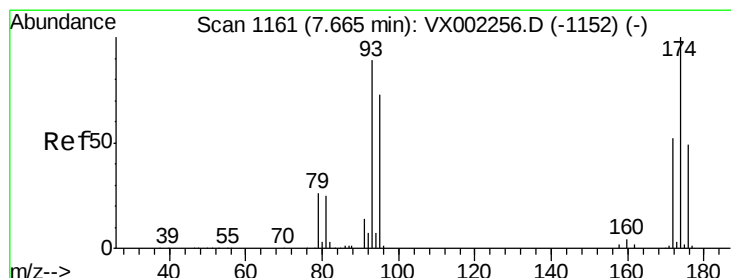
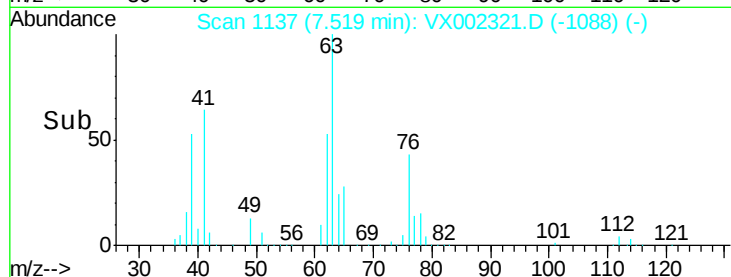
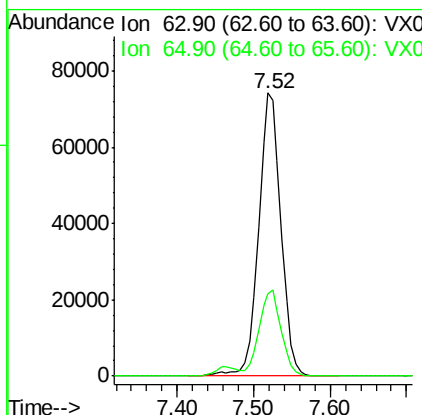
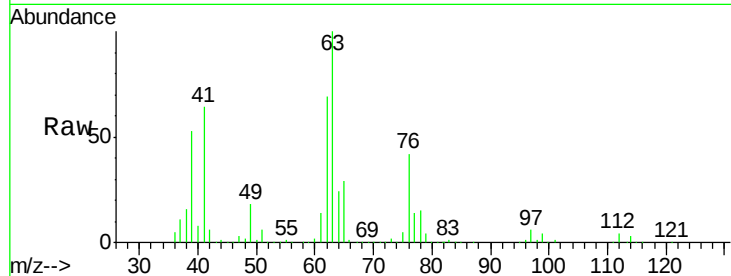




#45
 1,2-Dichloropropane
 Concen: 48.31 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

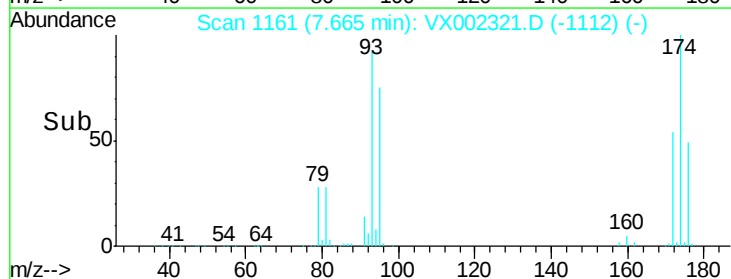
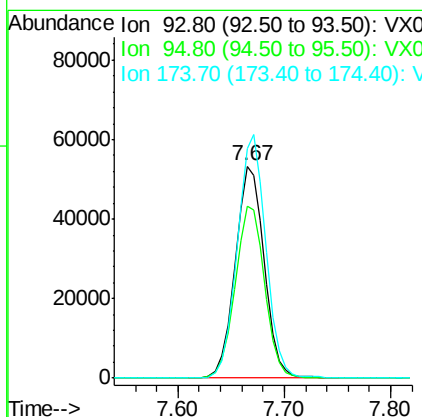
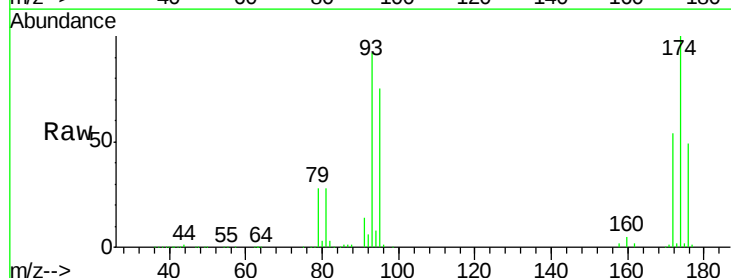
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 151289
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.7 37.1



#46
 Dibromomethane
 Concen: 47.96 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion: 93 Resp: 101806
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 48.01 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

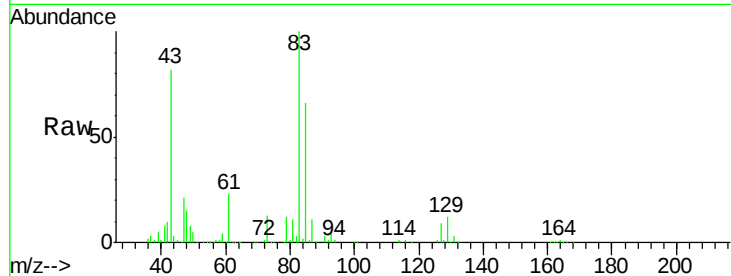
Tot Ion: 83 Resp: 184354

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

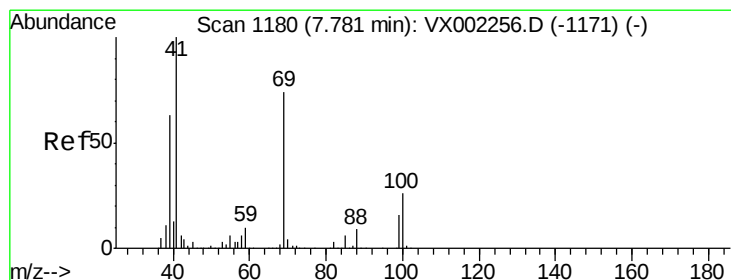
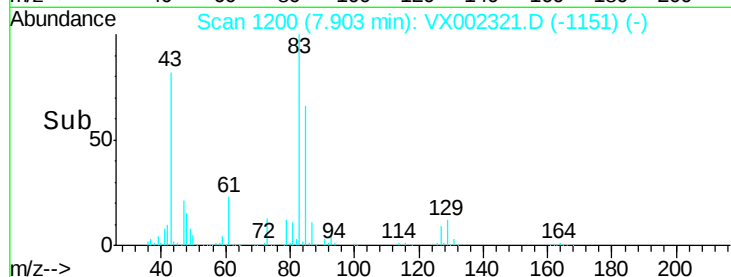
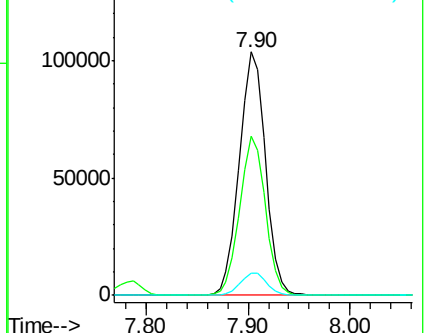
127 9.3 7.0 10.4



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: 47.94 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

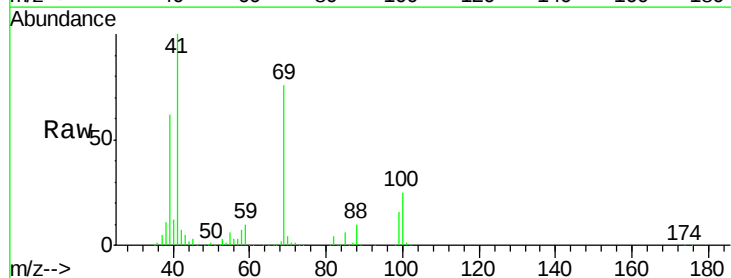
Tgt Ion: 41 Resp: 186082

Ion Ratio Lower Upper

41 100

69 74.5 59.1 88.7

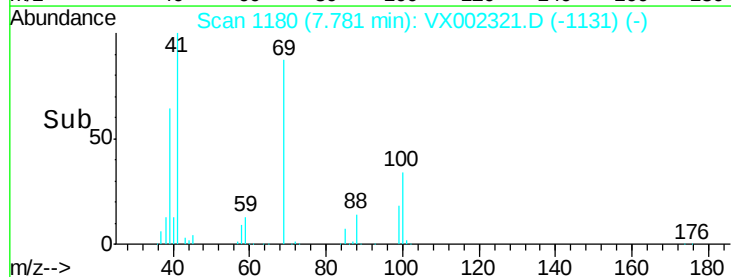
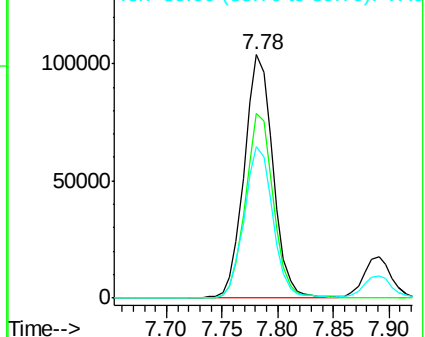
39 62.3 48.9 73.3

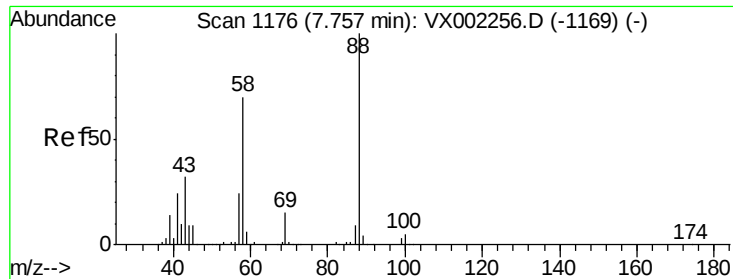


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

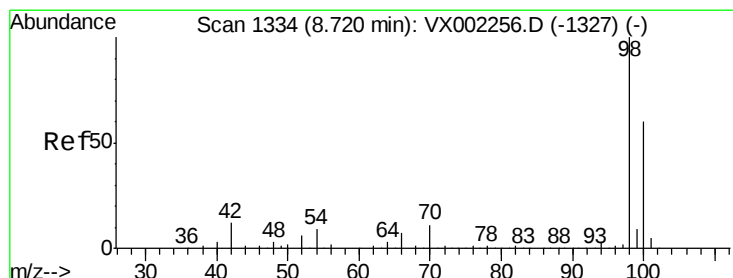
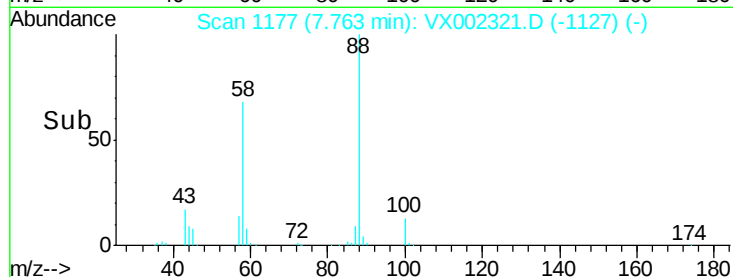
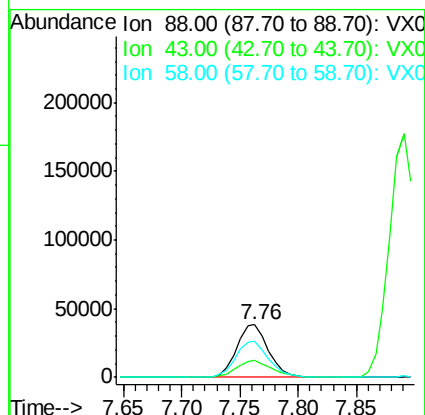
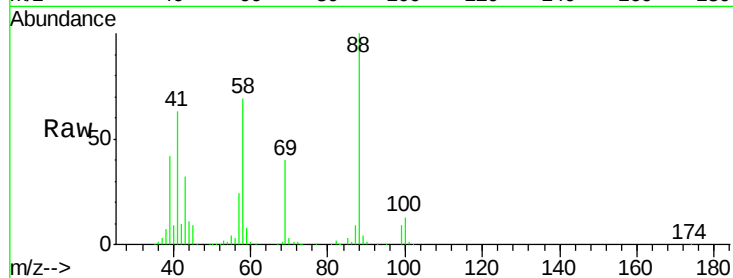




#49
1,4-Dioxane
Concen: 1005.61 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

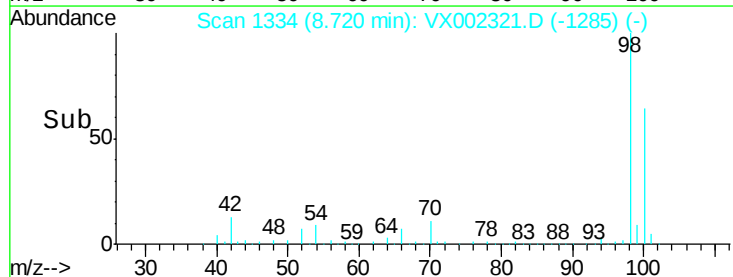
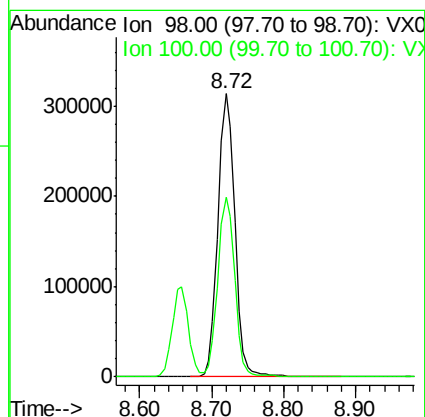
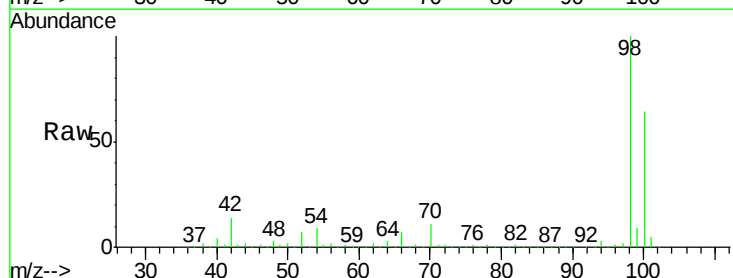
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

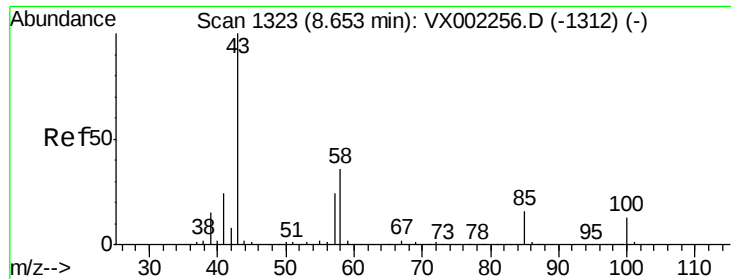
Tot Ion: 88 Resp: 72987
Ion Ratio Lower Upper
88 100
43 36.0 29.8 44.6
58 70.3 57.1 85.7



#50
Toluene-d8
Concen: 46.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 98 Resp: 509592
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 245.05 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

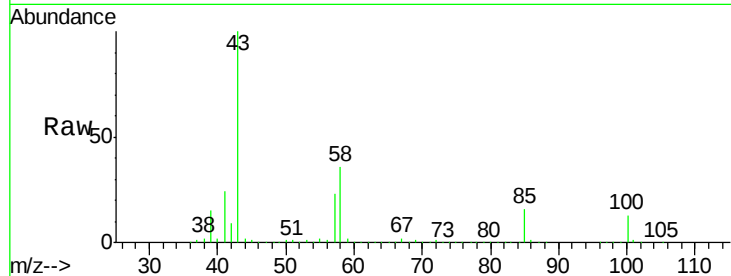
VSTDCCC050

Tot Ion: 43 Resp: 1179294

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

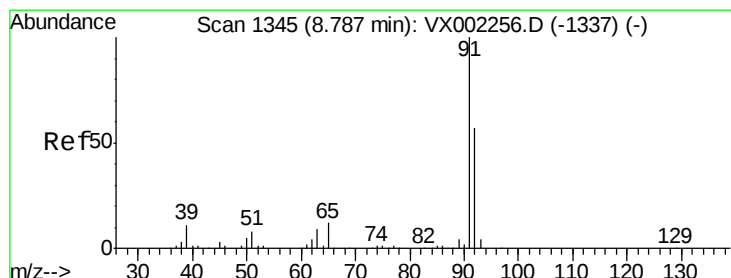
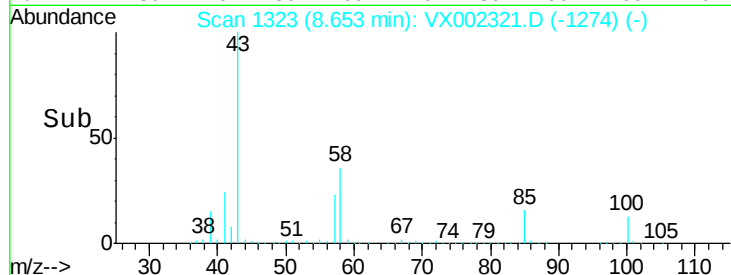
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.47 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002321.D

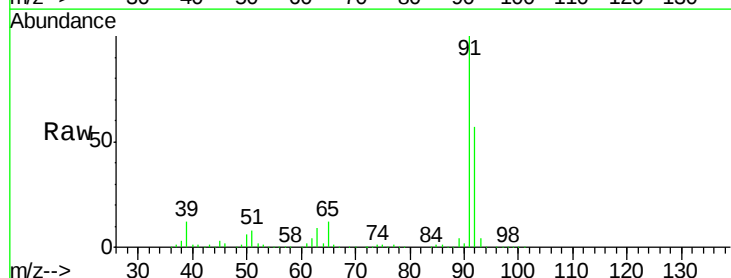
Acq: 05 Jun 2018 22:37

Tgt Ion: 92 Resp: 372359

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

500000

400000

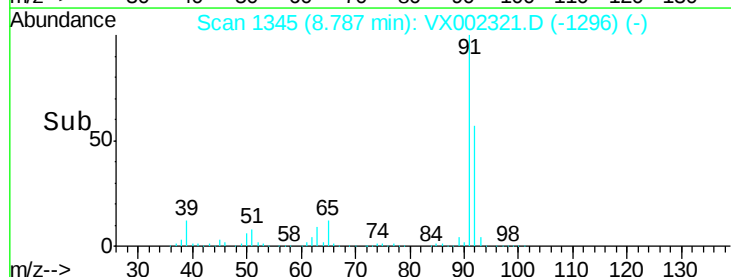
300000

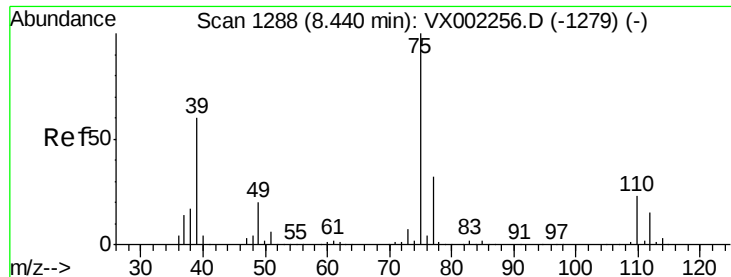
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.43 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

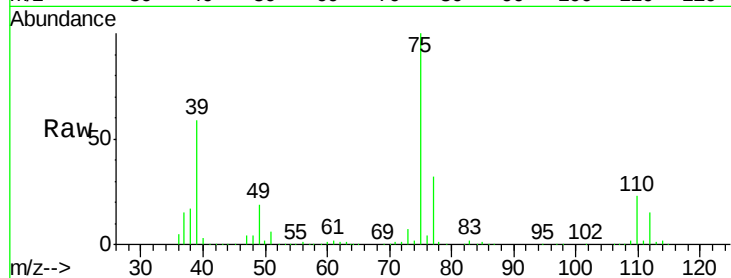
VSTDCCC050

Tot Ion: 75 Resp: 218398

Ion Ratio Lower Upper

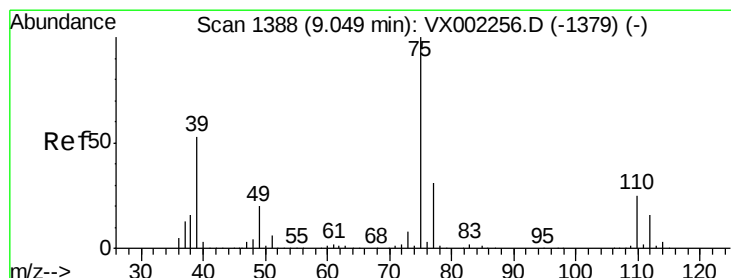
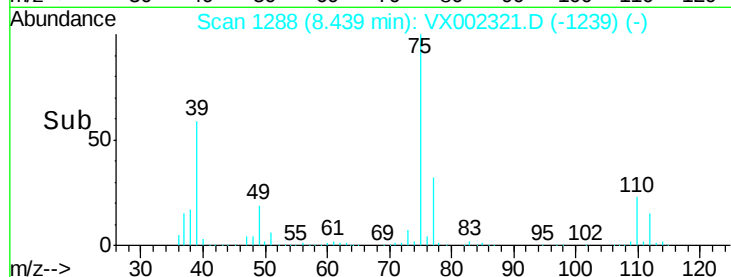
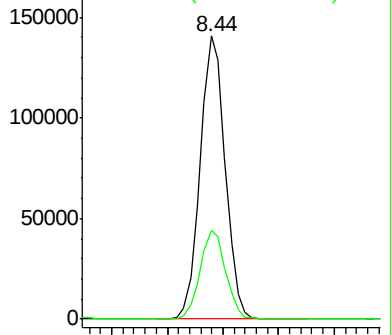
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.73 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

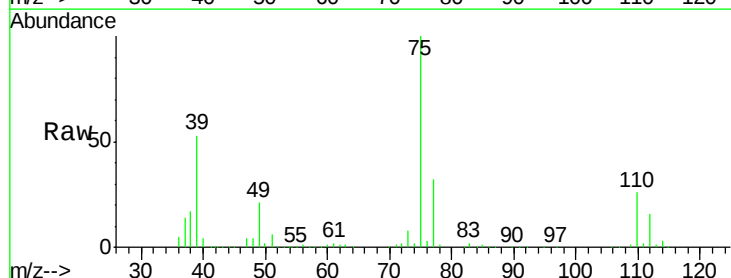
Tgt Ion: 75 Resp: 202984

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

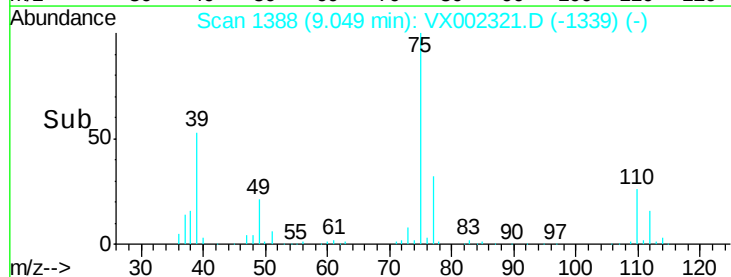
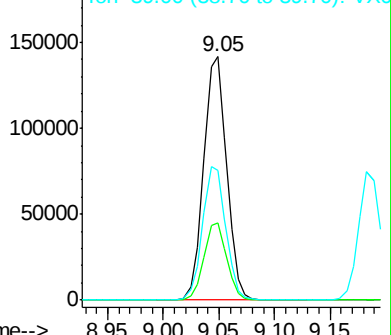
39 52.9 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



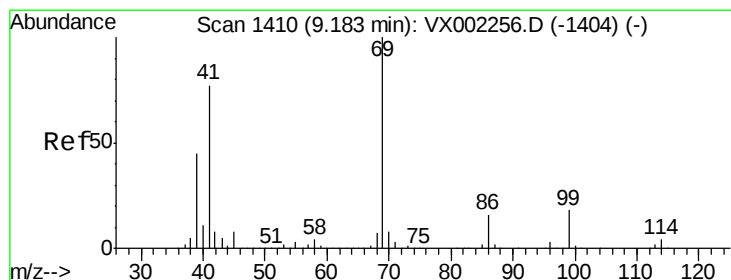
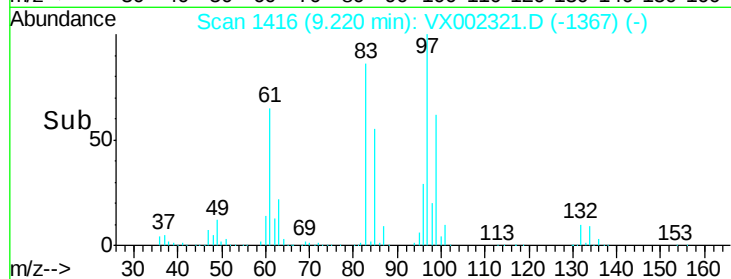
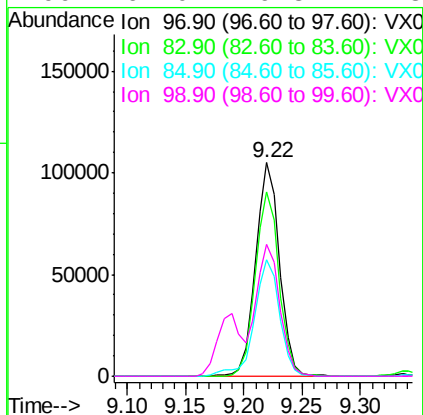
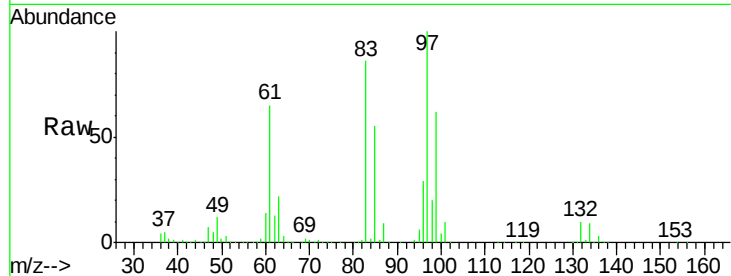


#55
 1,1,2-Trichloroethane
 Concen: 49.79 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 151098

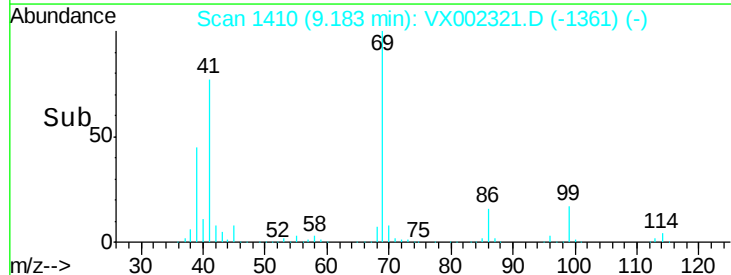
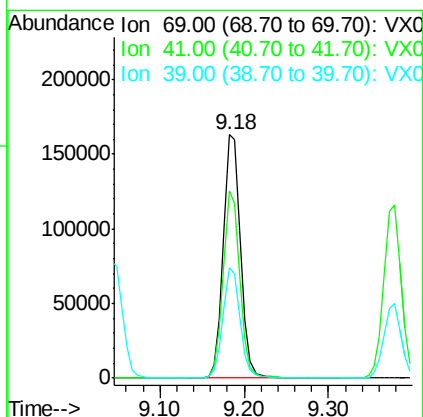
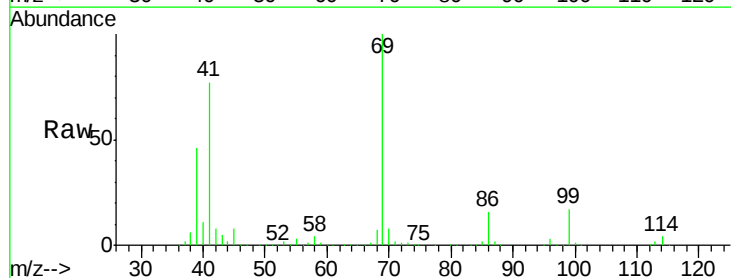
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.2
85	54.6	44.9	67.3
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 48.04 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion: 69 Resp: 232715

Ion	Ratio	Lower	Upper
69	100		
41	74.8	60.3	90.5
39	44.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.13 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

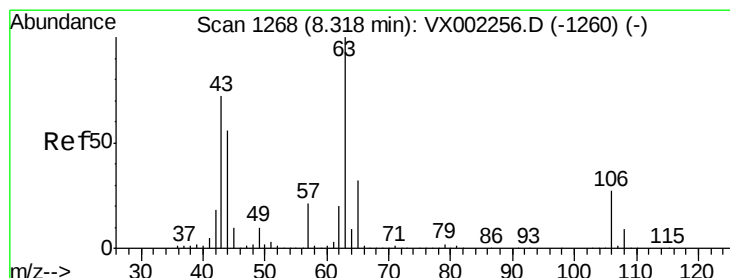
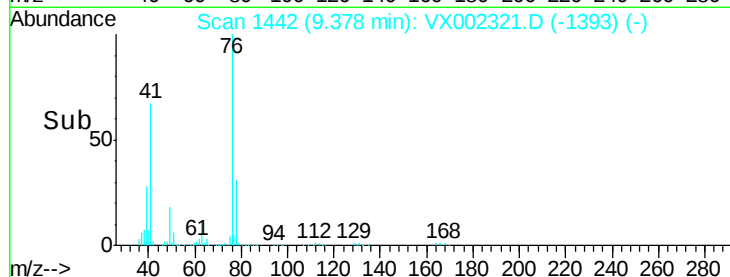
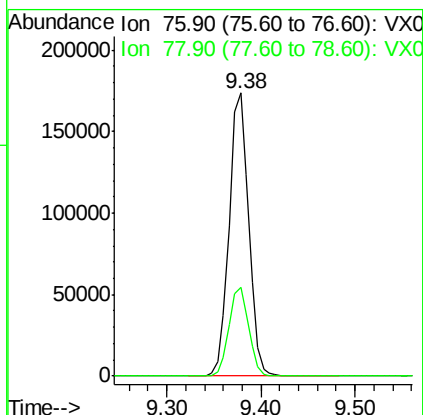
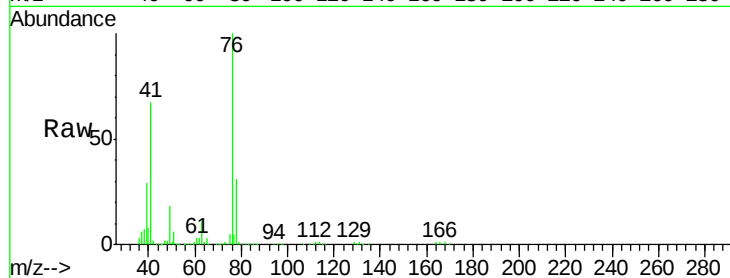
VSTDCCC050

Tot Ion: 76 Resp: 250084

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 248.56 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002321.D

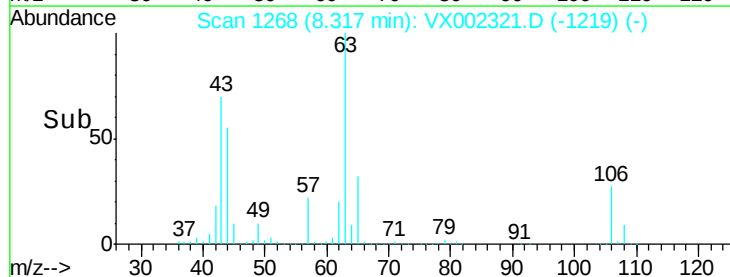
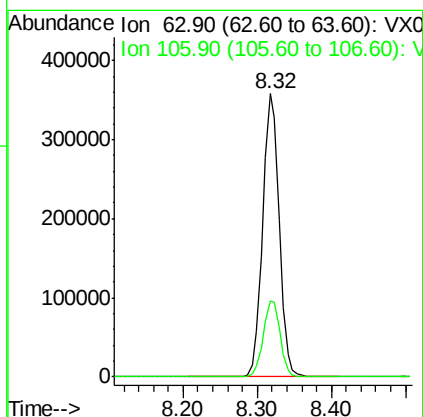
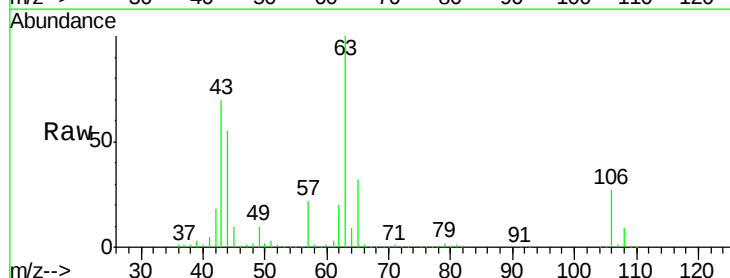
Acq: 05 Jun 2018 22:37

Tgt Ion: 63 Resp: 557342

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8

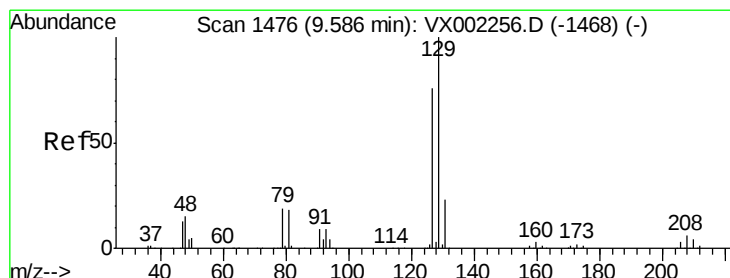
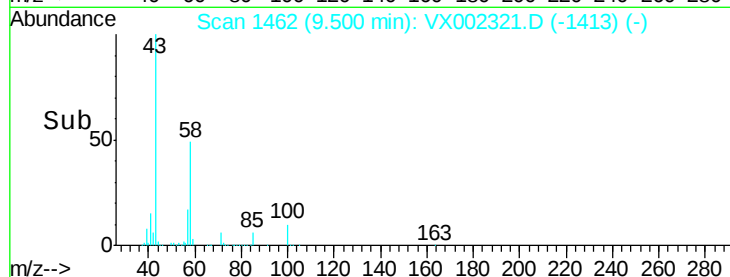
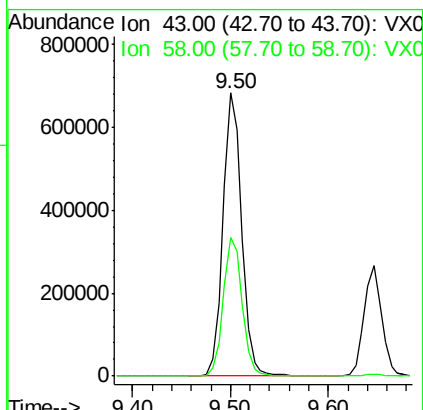
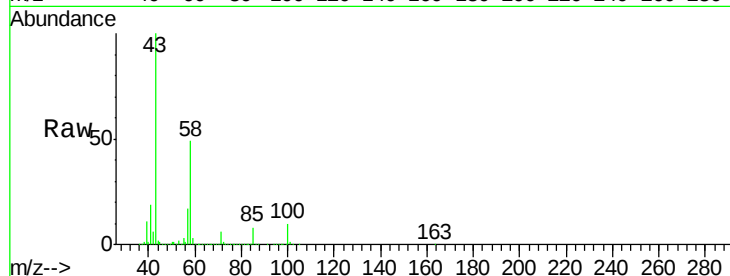




#59
2-Hexanone
Concen: 243.96 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

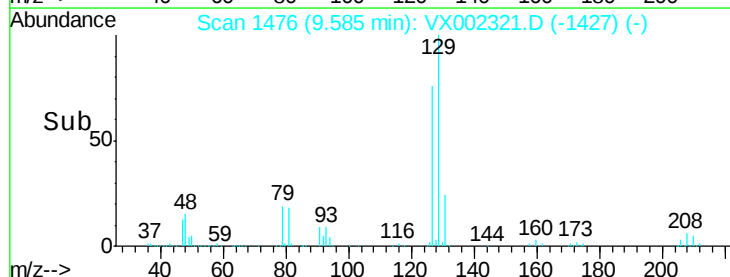
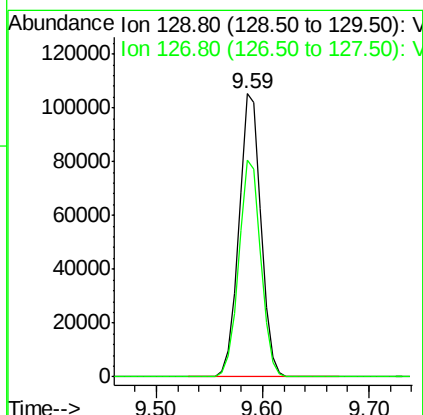
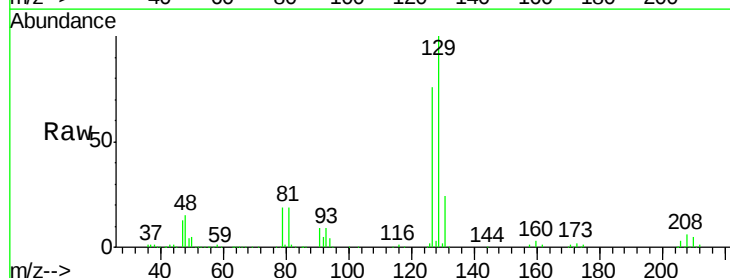
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 906855
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6



#60
Dibromochloromethane
Concen: 50.03 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 129 Resp: 152704
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.01 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

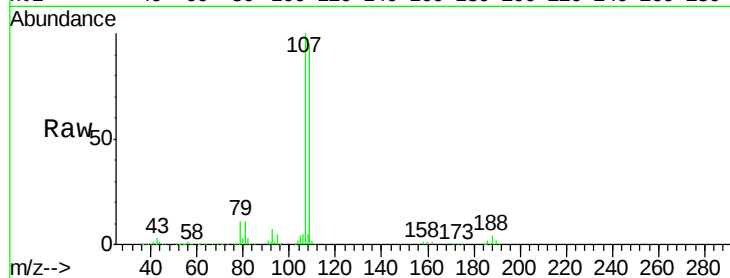
VSTDCCC050

Tot Ion:107 Resp: 158217

Ion Ratio Lower Upper

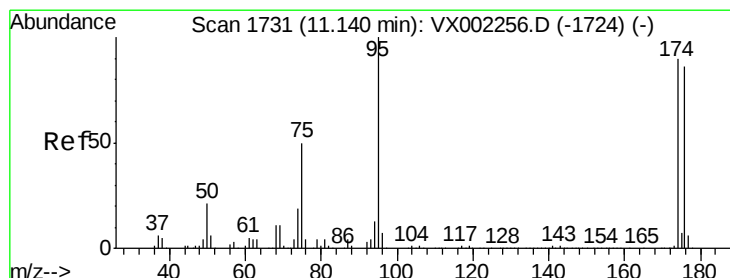
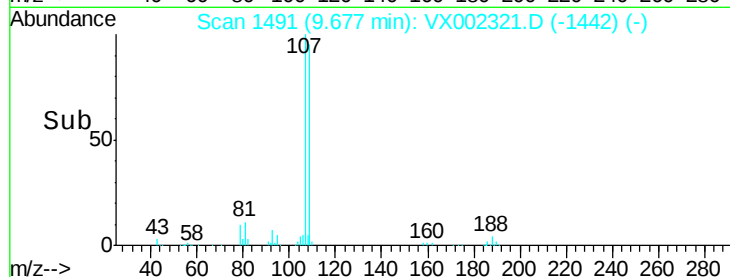
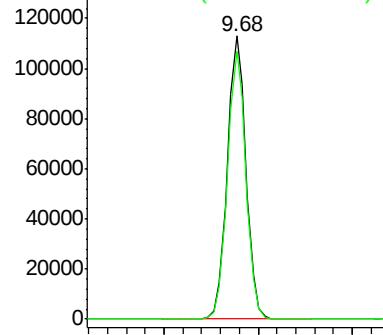
107 100

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



#62

4-Bromofluorobenzene

Concen: 46.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

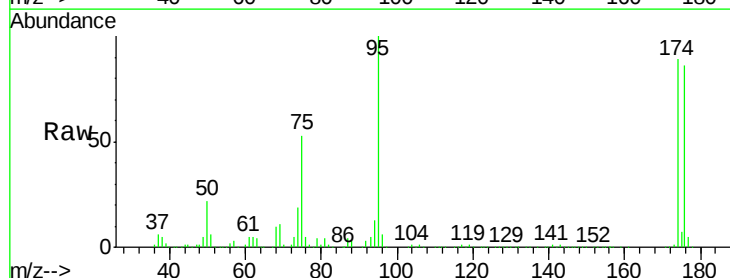
Tgt Ion: 95 Resp: 195418

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

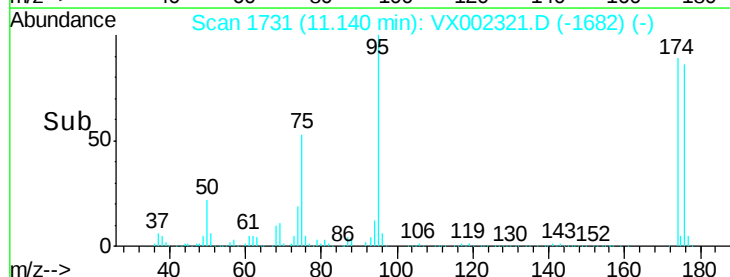
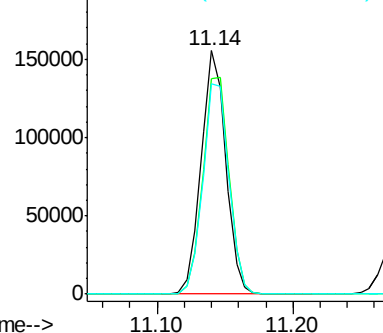
176 91.9 0.0 181.0

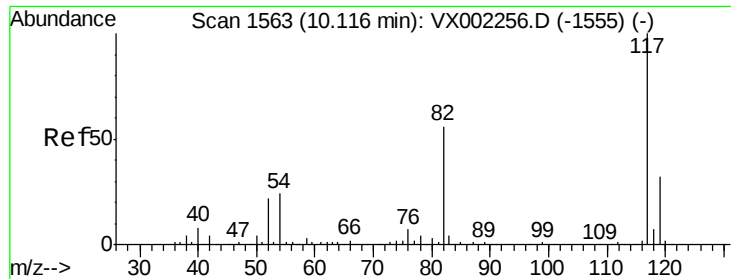


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

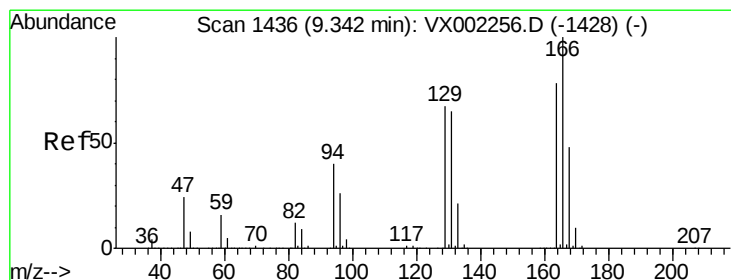
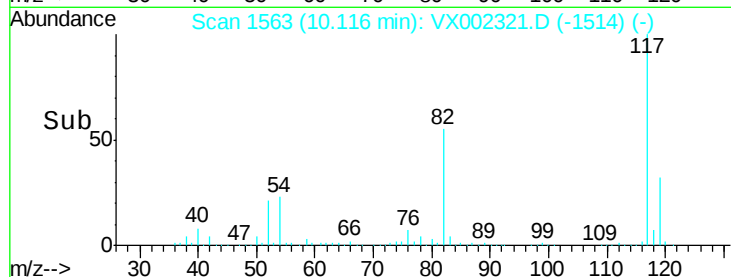
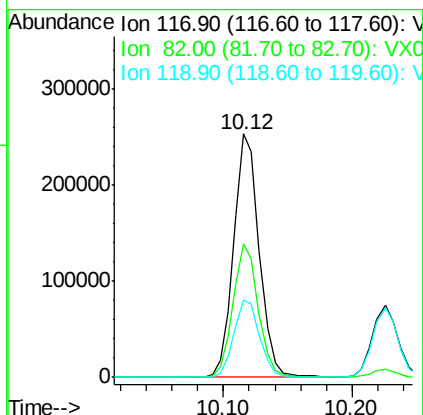
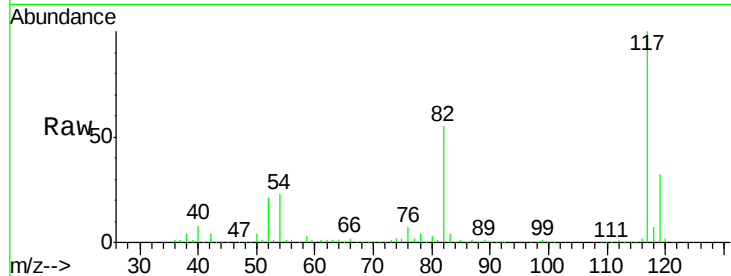




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

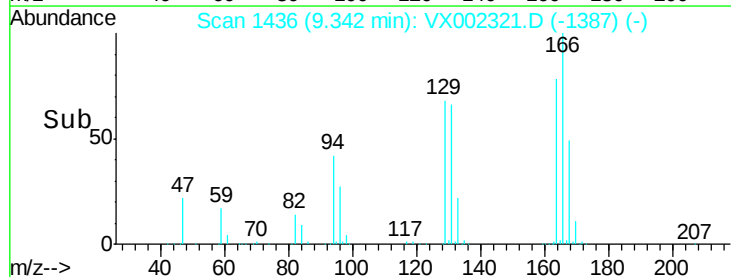
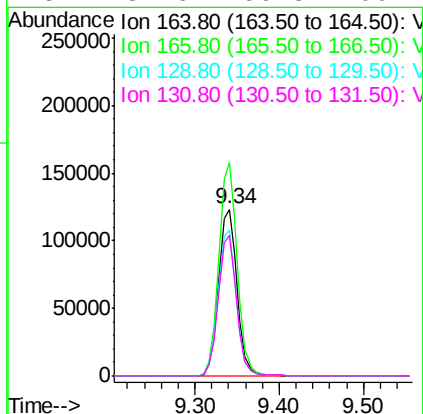
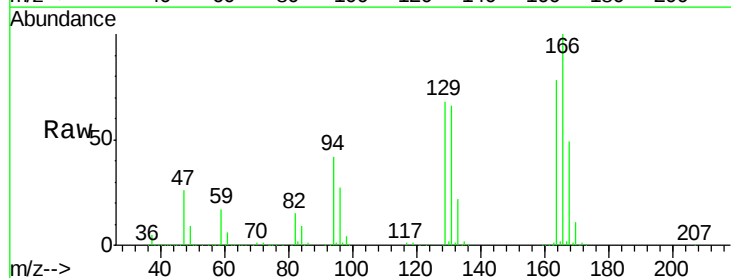
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

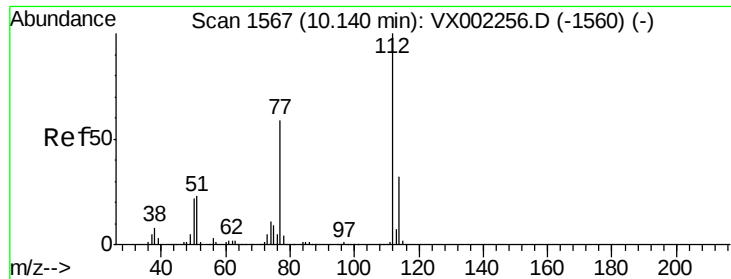
Tot Ion:117 Resp: 351036
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 51.78 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion:164 Resp: 187444
Ion Ratio Lower Upper
164 100
166 127.9 102.9 154.3
129 87.2 68.6 102.8
131 84.6 66.8 100.2





#65

Chlorobenzene

Concen: 49.27 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

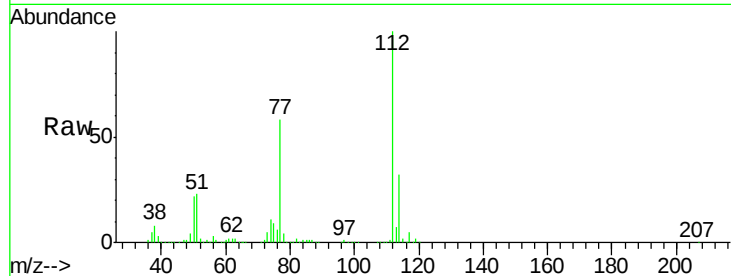
VSTDCCC050

Tot Ion:112 Resp: 430384

Ion Ratio Lower Upper

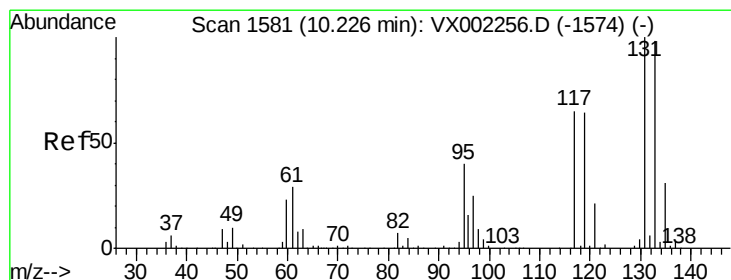
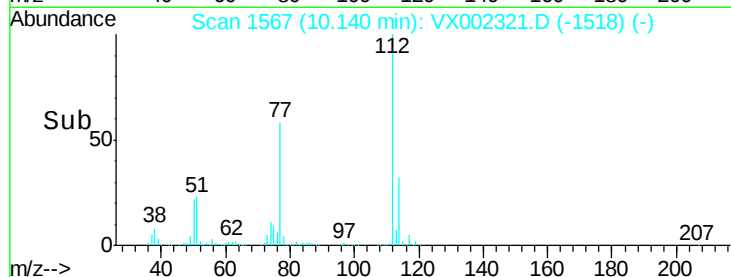
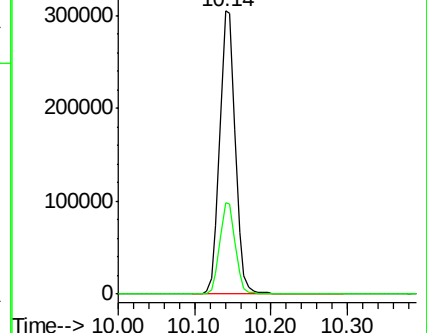
112 100

114 32.4 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: 49.04 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

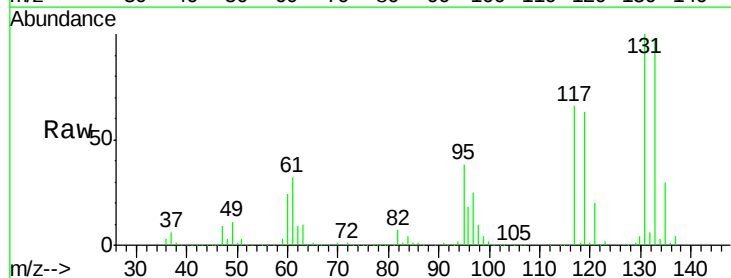
Tgt Ion:131 Resp: 155102

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

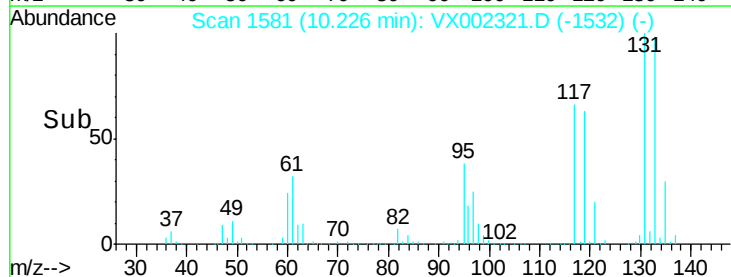
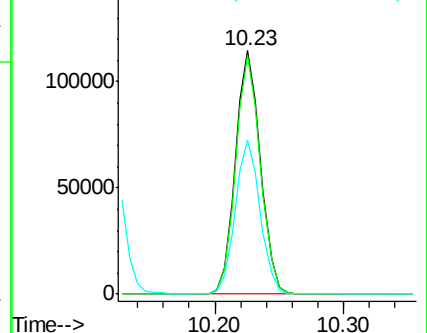
119 63.1 31.8 95.3

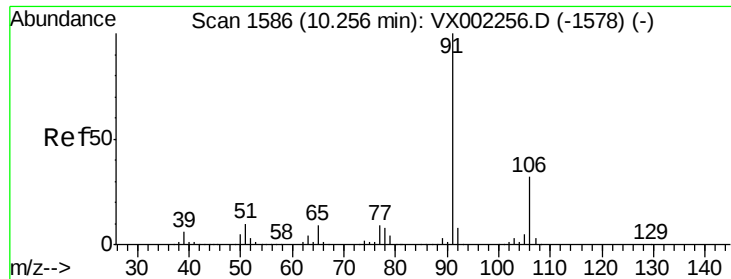


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

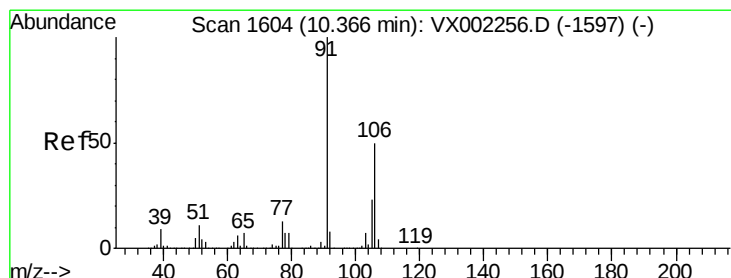
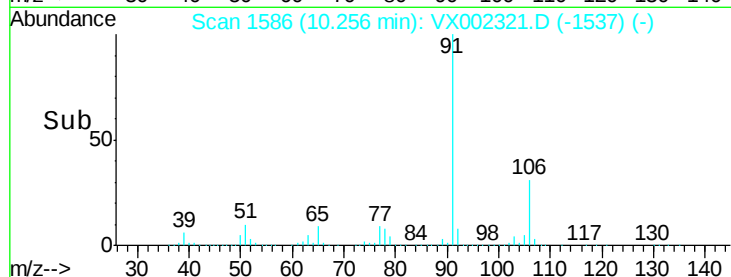
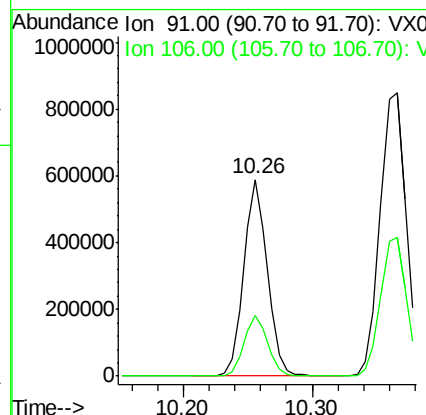
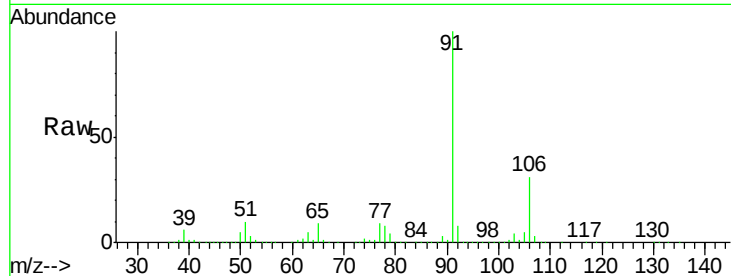




#67
Ethyl Benzene
Concen: 50.90 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

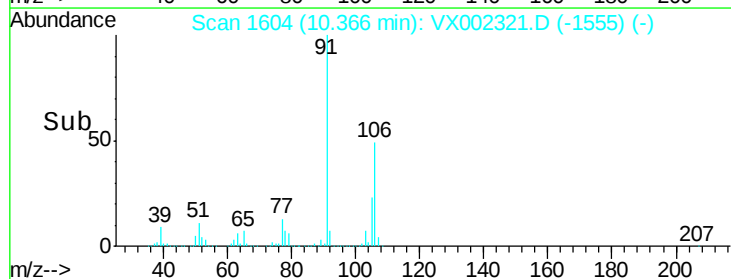
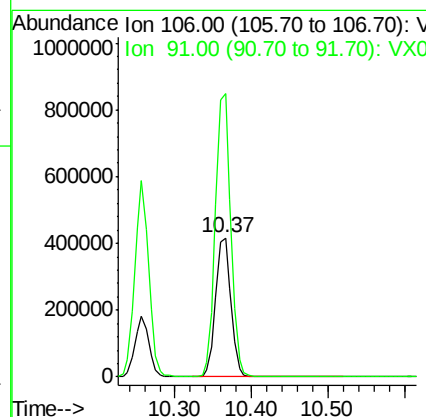
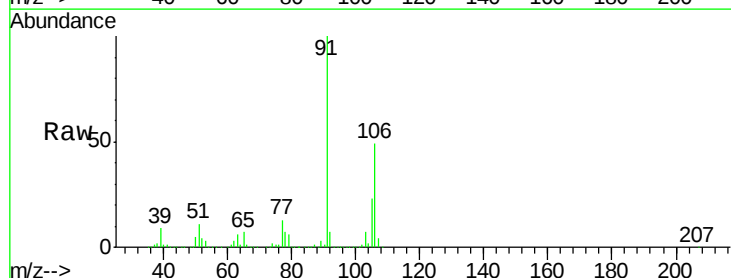
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 744037
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 102.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion: 106 Resp: 580031
Ion Ratio Lower Upper
106 100
91 205.5 163.4 245.2

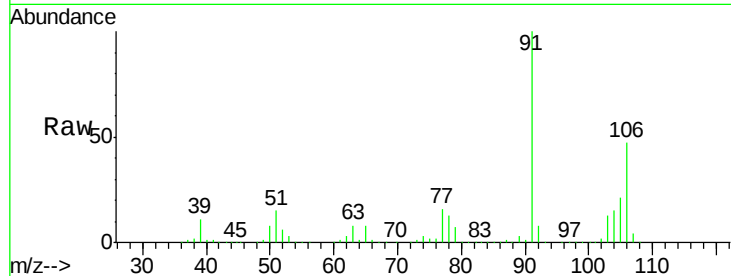




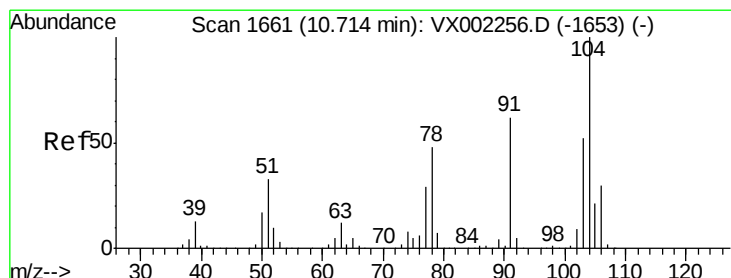
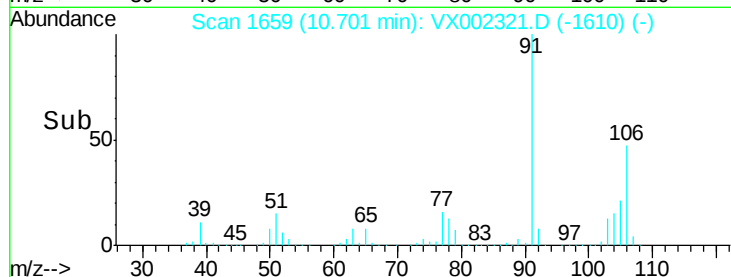
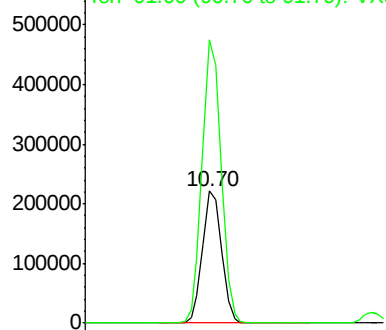
#69
o-Xylene
Concen: 50.53 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 285737
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6

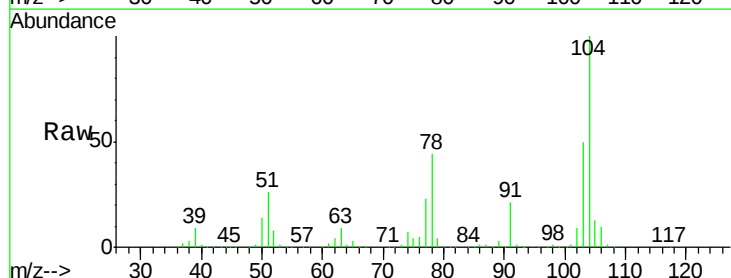


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

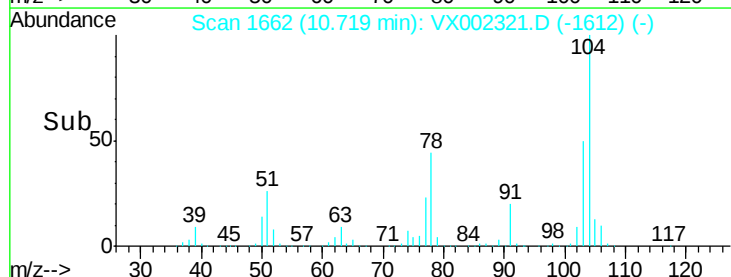
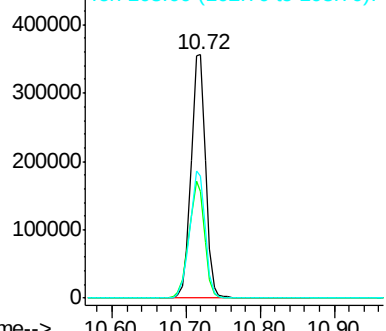


#70
Styrene
Concen: 51.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002321.D
Acq: 05 Jun 2018 22:37

Tgt Ion:104 Resp: 479176
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 41.86 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

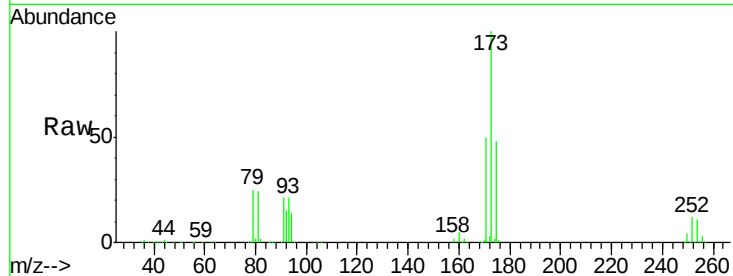
Tot Ion:173 Resp: 116843

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

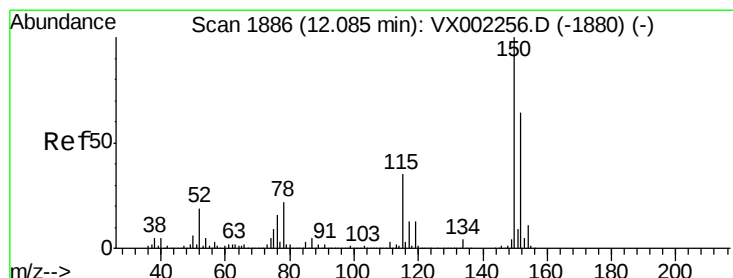
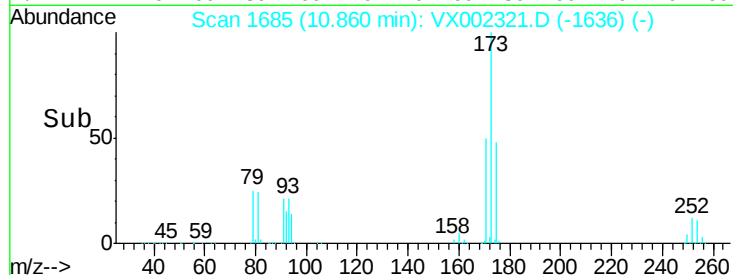
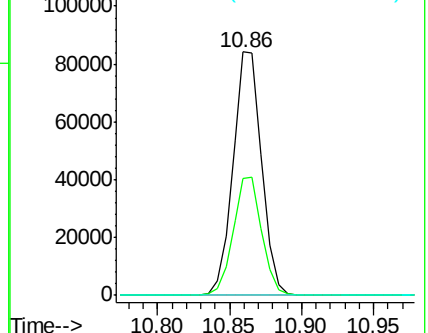
254 0.2 0.2 0.2



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# 1886

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

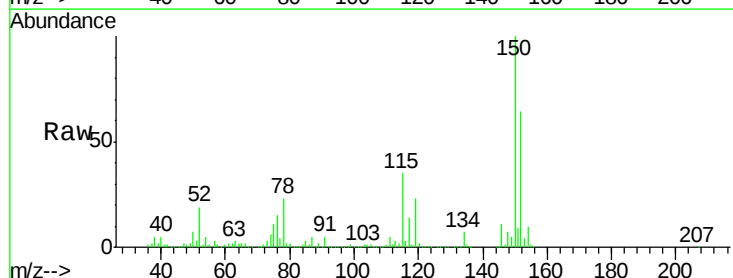
Tgt Ion:152 Resp: 229010

Ion Ratio Lower Upper

152 100

115 78.3 40.1 120.2

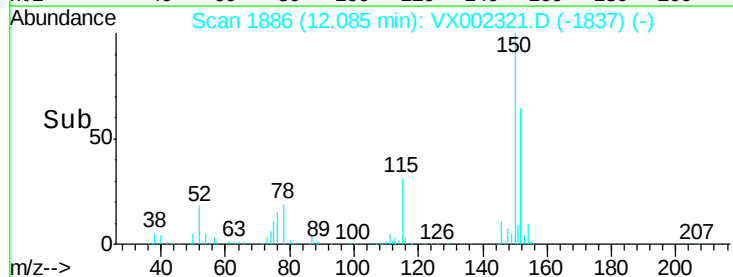
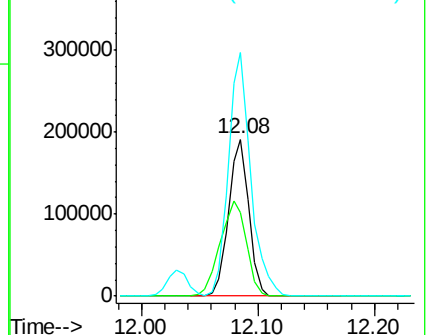
150 171.8 0.0 347.2

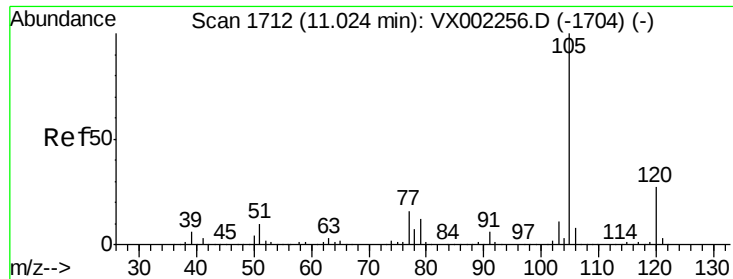


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.73 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

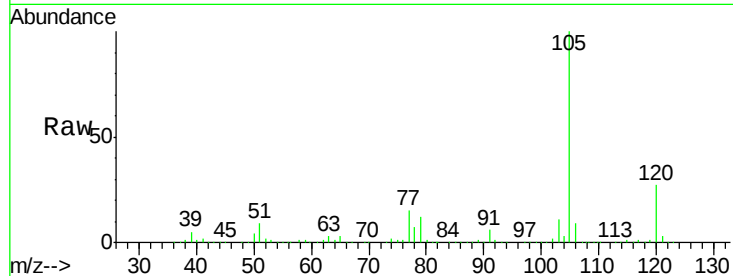
VSTDCCC050

Tot Ion:105 Resp: 776253

Ion Ratio Lower Upper

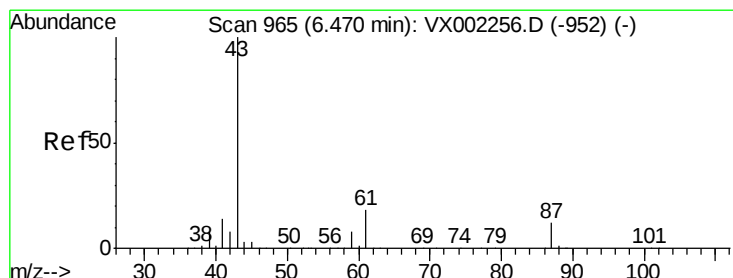
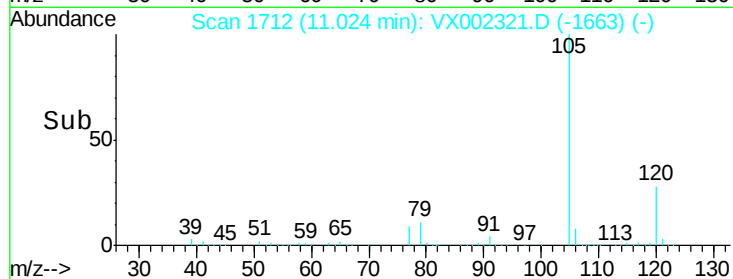
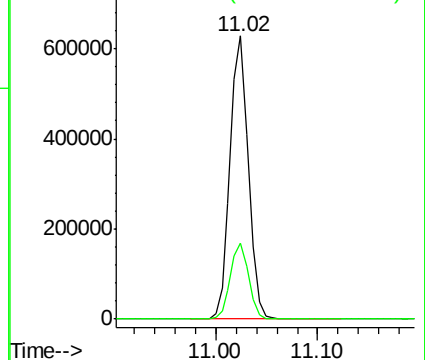
105 100

120 26.9 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: 41.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Tgt Ion: 43 Resp: 358346

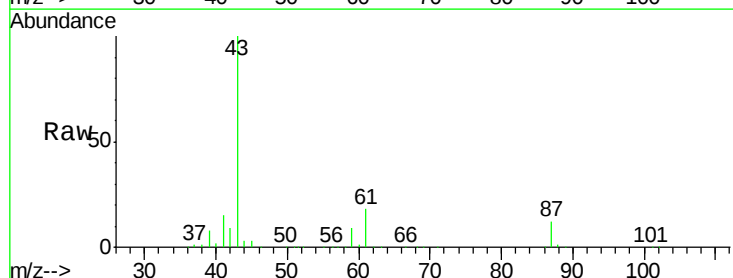
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6

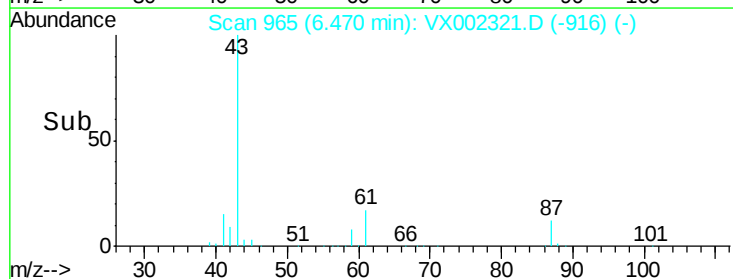
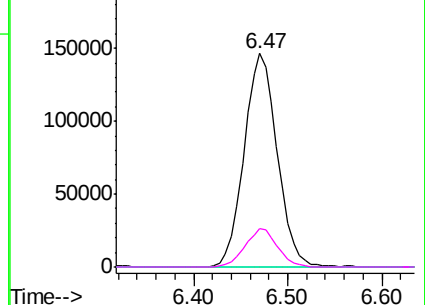


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.13 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

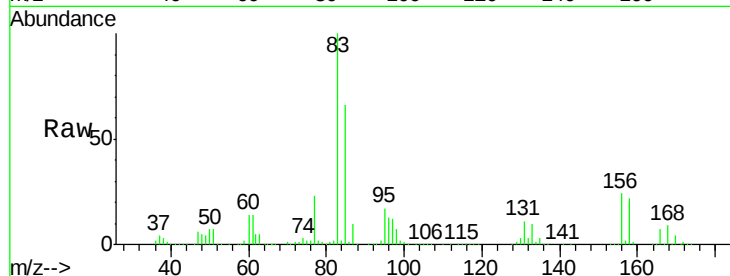
Tot Ion: 83 Resp: 221102

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

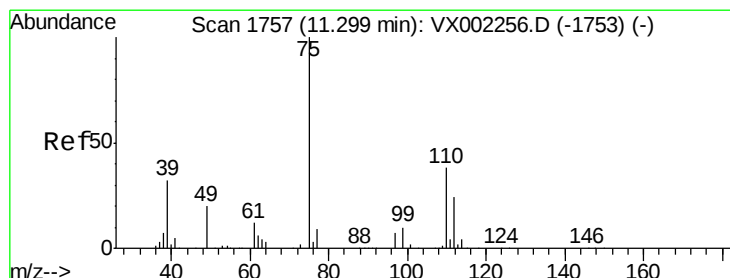
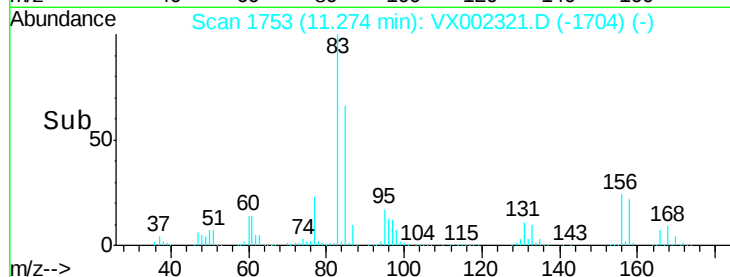
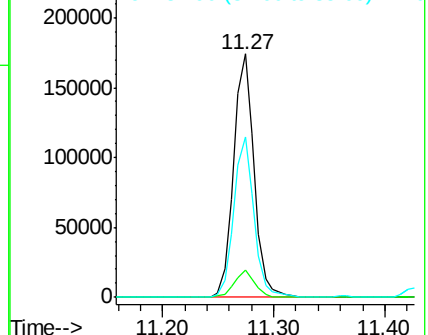
85 64.8 32.4 97.2



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: 51.29 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002321.D

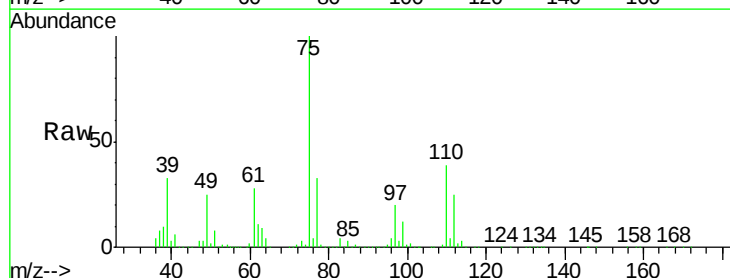
Acq: 05 Jun 2018 22:37

Tgt Ion: 75 Resp: 257719

Ion Ratio Lower Upper

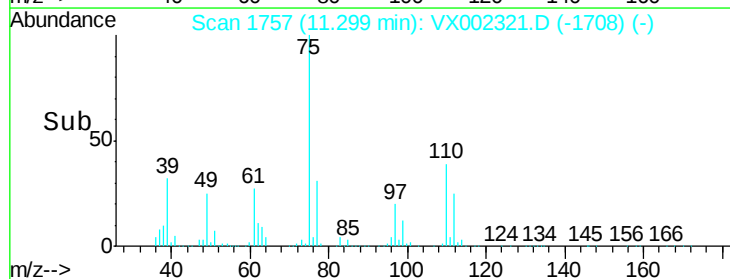
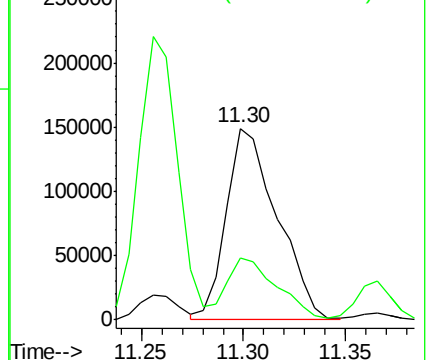
75 100

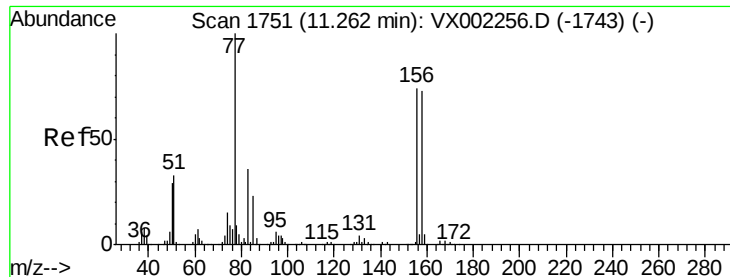
77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

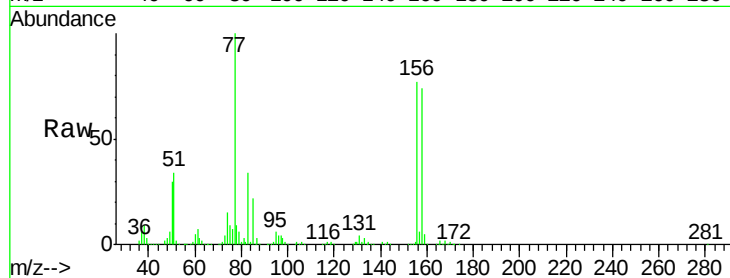
Tot Ion:156 Resp: 210622

Ion Ratio Lower Upper

156 100

77 138.0 71.4 214.2

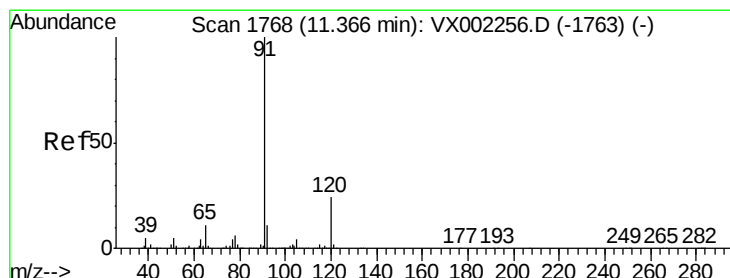
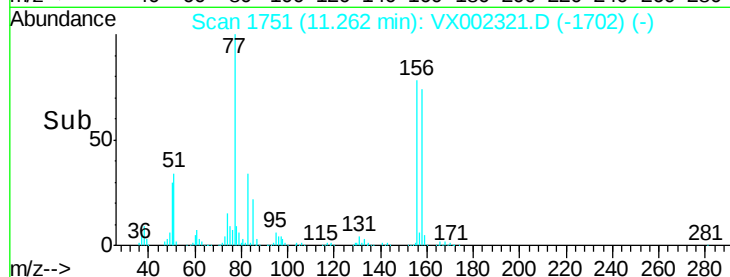
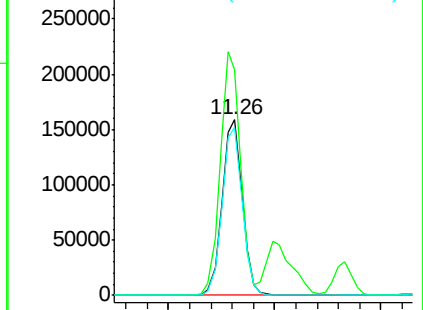
158 95.6 48.9 146.6



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: 50.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002321.D

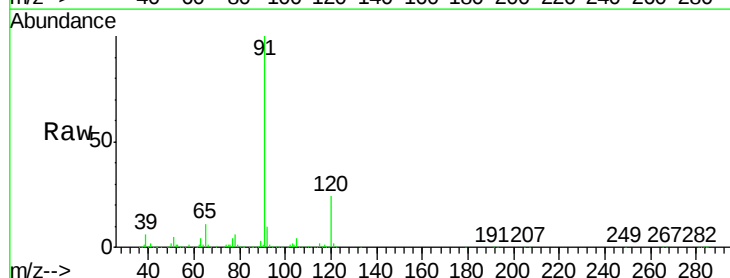
Acq: 05 Jun 2018 22:37

Tgt Ion: 91 Resp: 885526

Ion Ratio Lower Upper

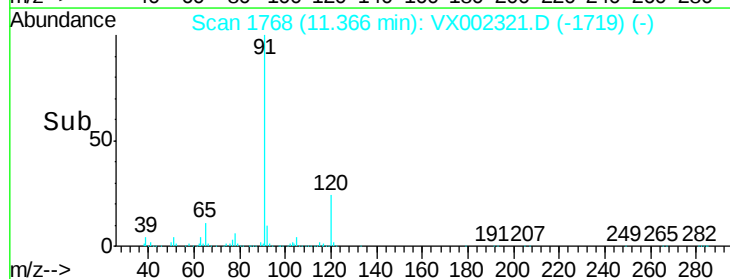
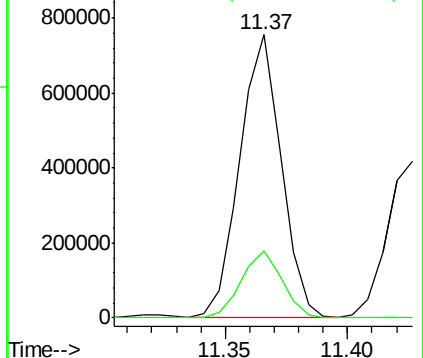
91 100

120 23.8 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: 46.57 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

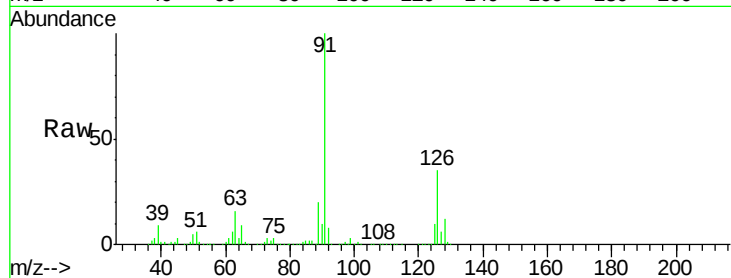
VSTDCCC050

Tot Ion: 91 Resp: 520636

Ion Ratio Lower Upper

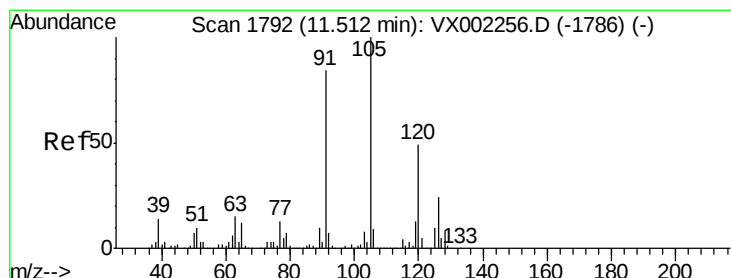
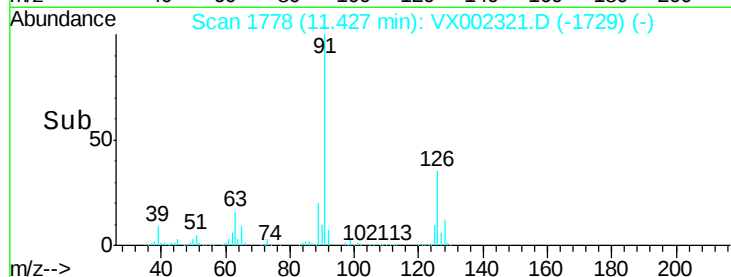
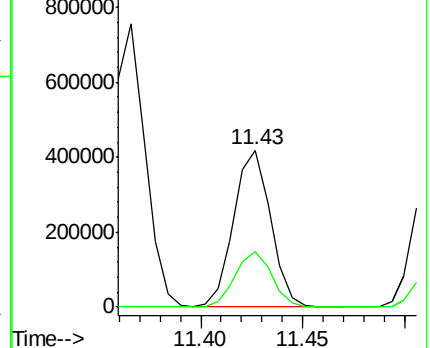
91 100

126 35.4 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: 48.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002321.D

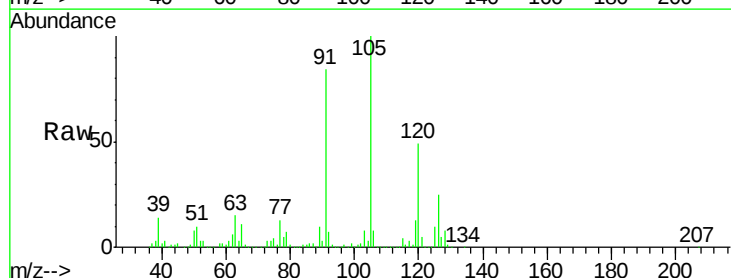
Acq: 05 Jun 2018 22:37

Tgt Ion: 105 Resp: 666705

Ion Ratio Lower Upper

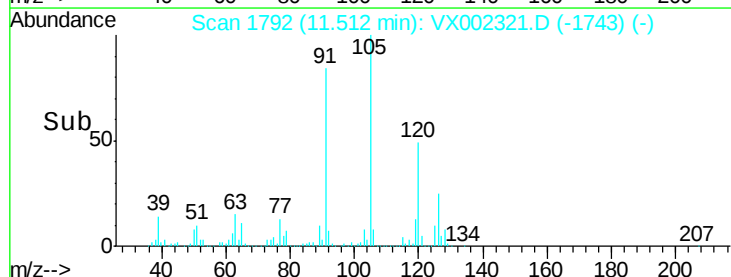
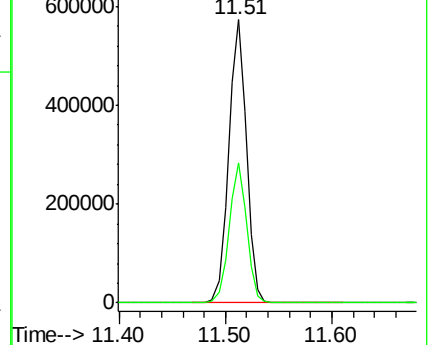
105 100

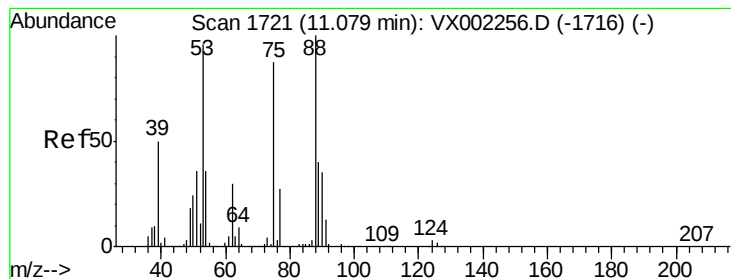
120 48.7 24.4 73.4



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: 38.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

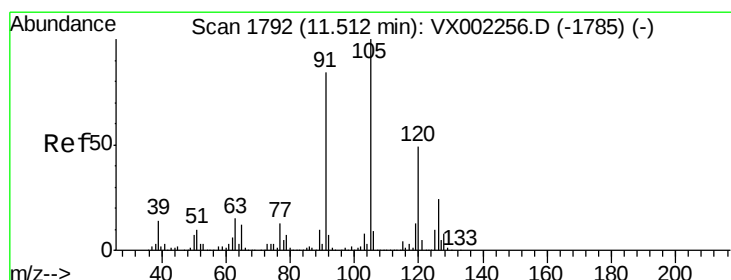
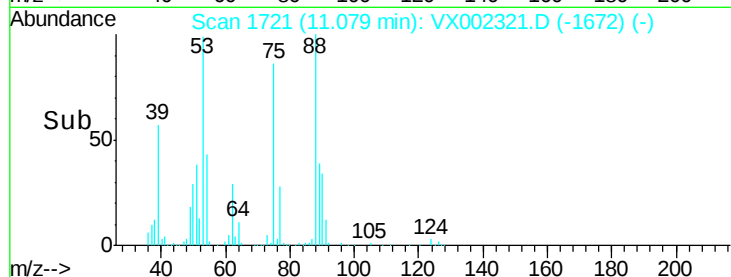
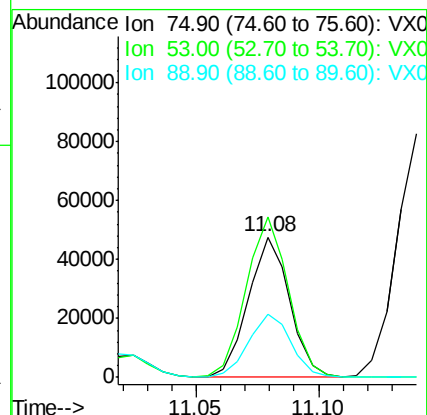
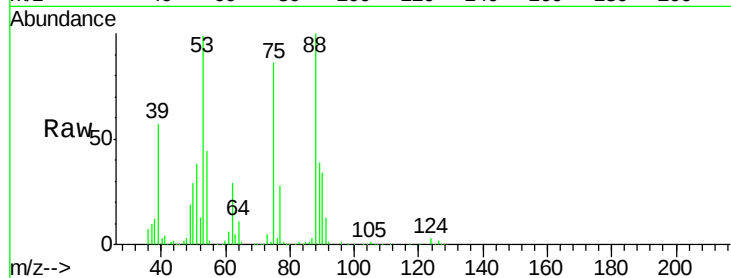
Tot Ion: 75 Resp: 55465

Ion Ratio Lower Upper

75 100

53 117.7 86.8 130.2

89 46.6 38.2 57.2



#82

4-Chlorotoluene

Concen: 48.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002321.D

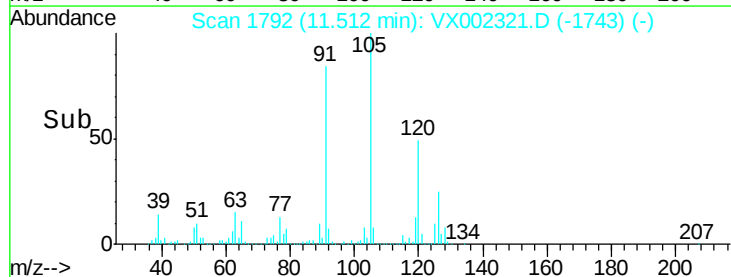
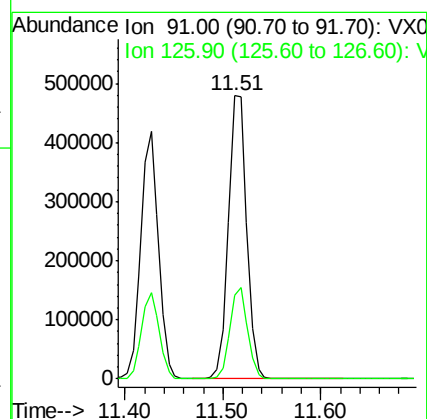
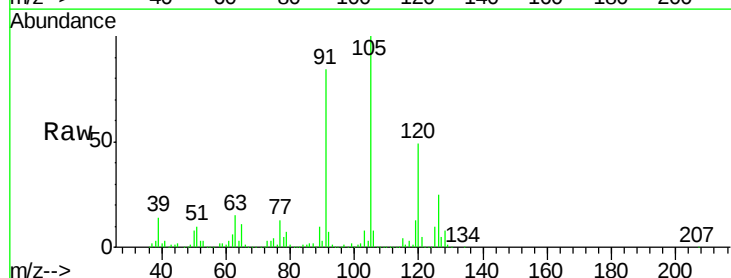
Acq: 05 Jun 2018 22:37

Tgt Ion: 91 Resp: 620812

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4

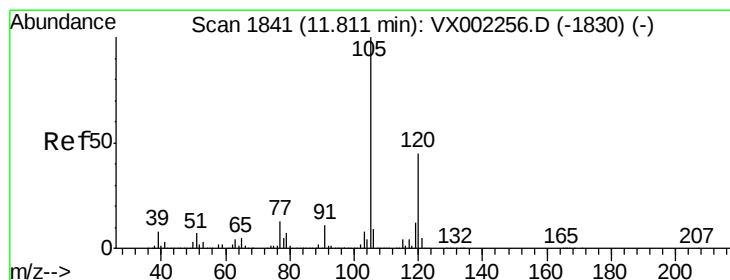
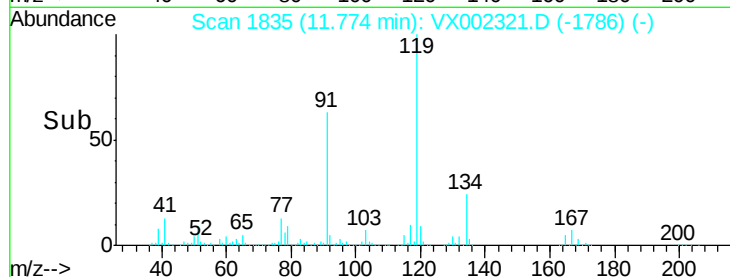
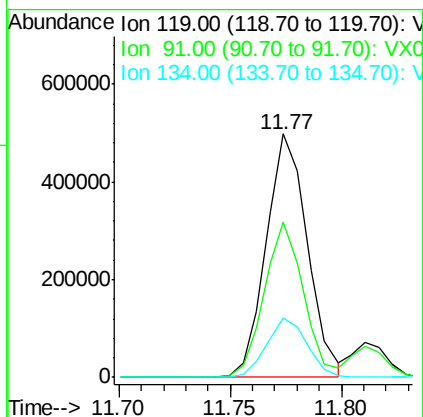
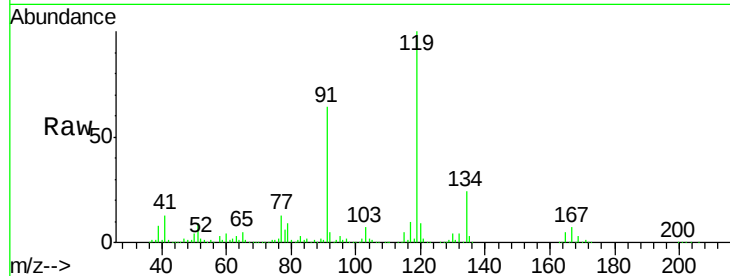




#83
 tert-Butylbenzene
 Concen: 48.15 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

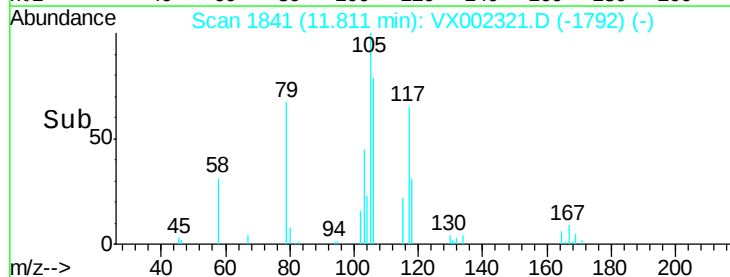
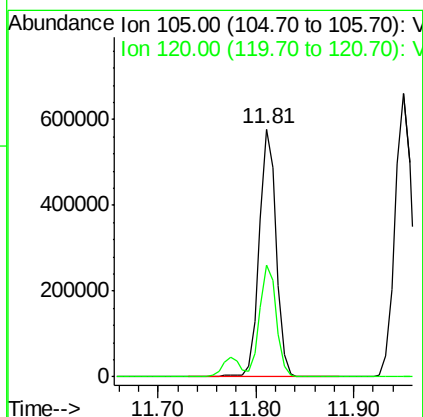
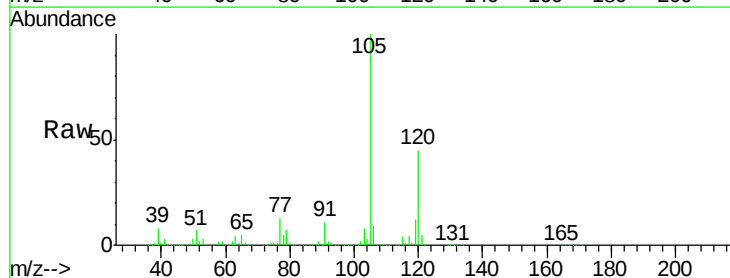
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 640725
 Ion Ratio Lower Upper
 119 100
 91 60.5 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.93 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion:105 Resp: 688201
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

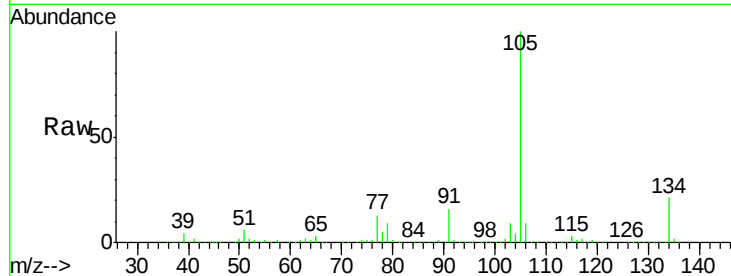
VSTDCCC050

Tot Ion:105 Resp: 797589

Ion Ratio Lower Upper

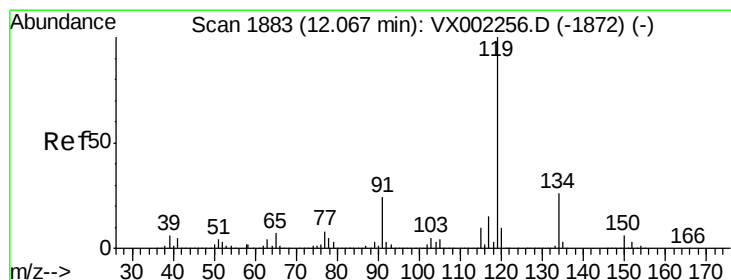
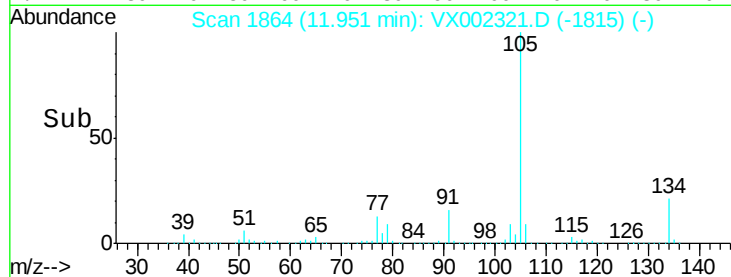
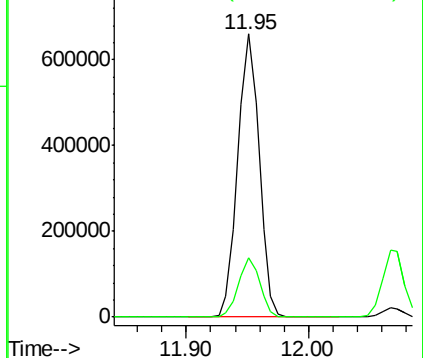
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.84 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

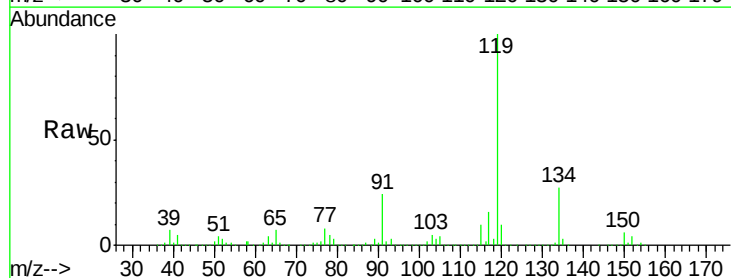
Tgt Ion:119 Resp: 722436

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

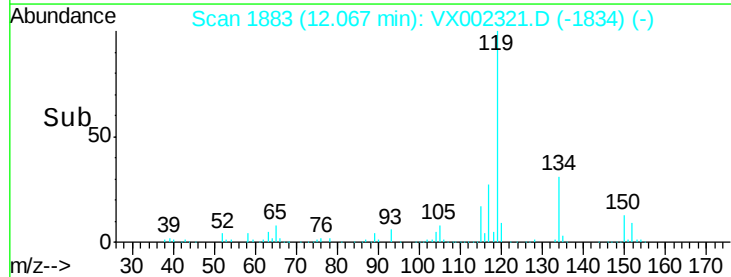
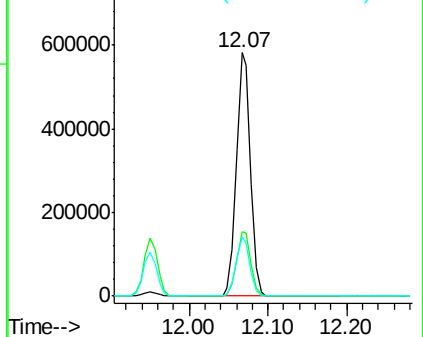
91 23.9 11.9 35.7

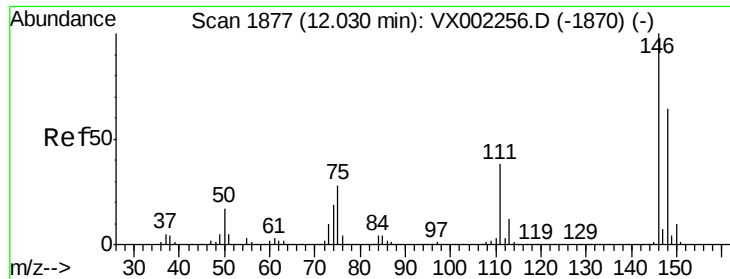


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

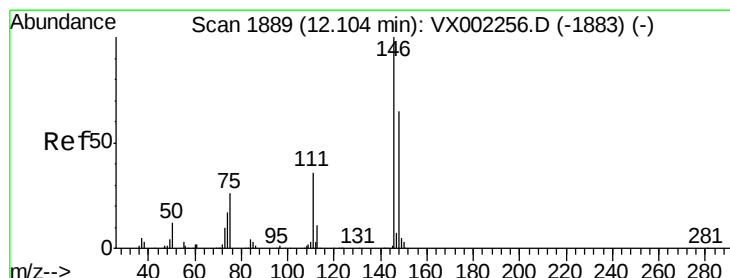
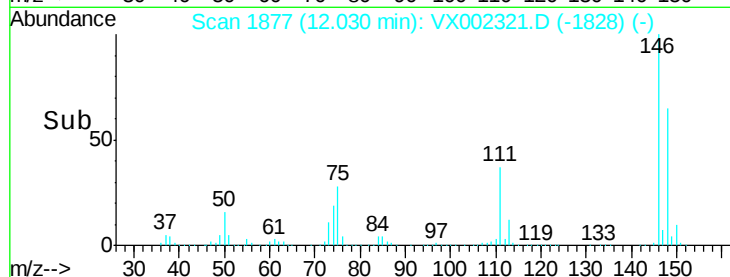
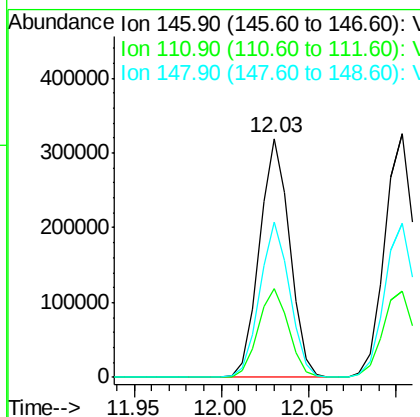
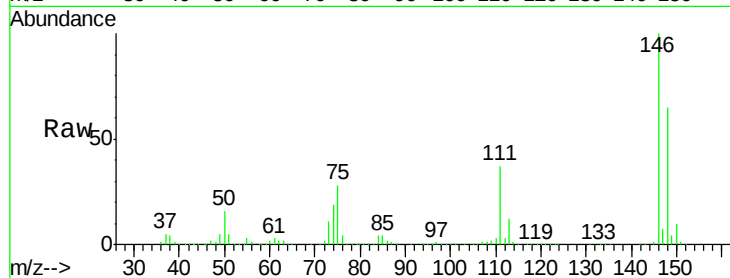




#87
 1,3-Dichlorobenzene
 Concen: 47.97 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

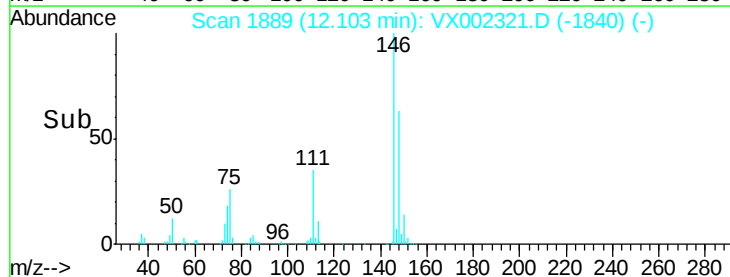
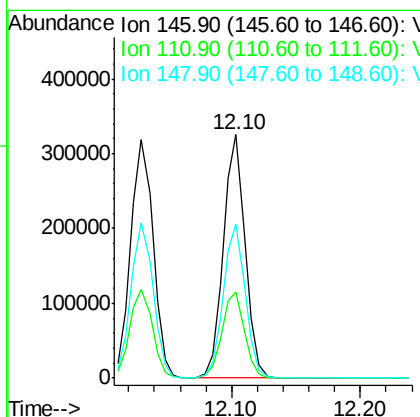
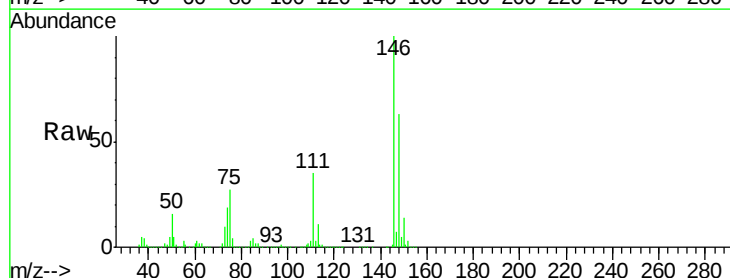
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

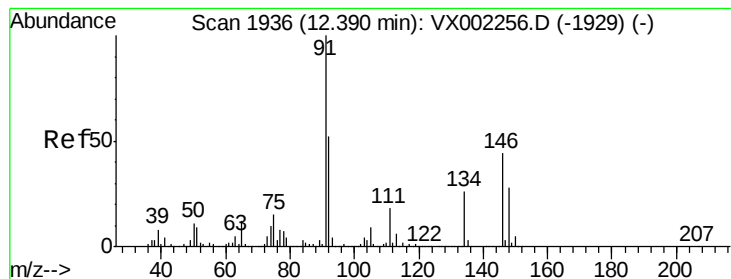
Tot Ion:146 Resp: 383586
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.26 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion:146 Resp: 389570
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 63.8 32.4 97.0





#89

n-Butylbenzene

Concen: 52.01 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

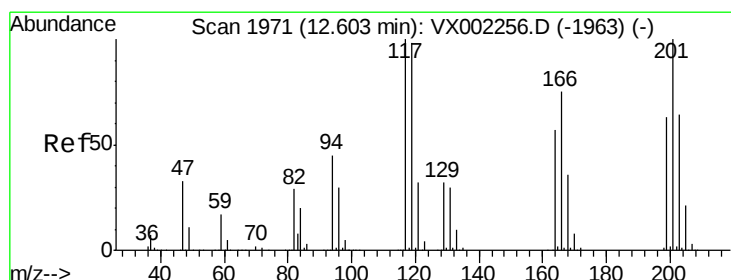
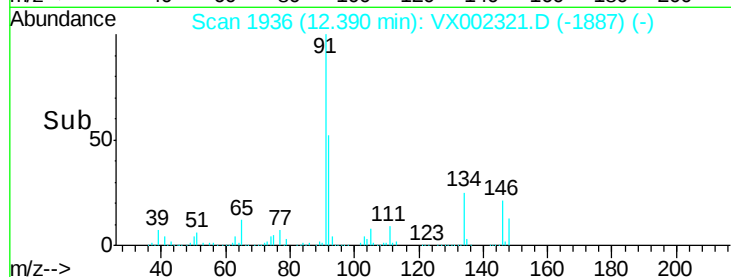
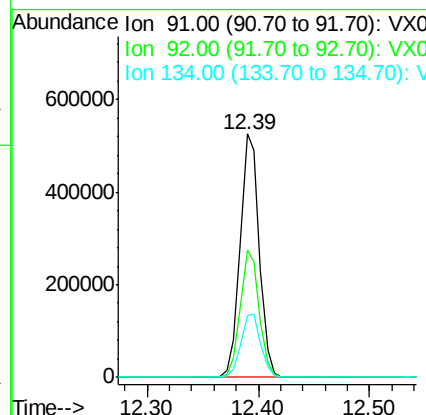
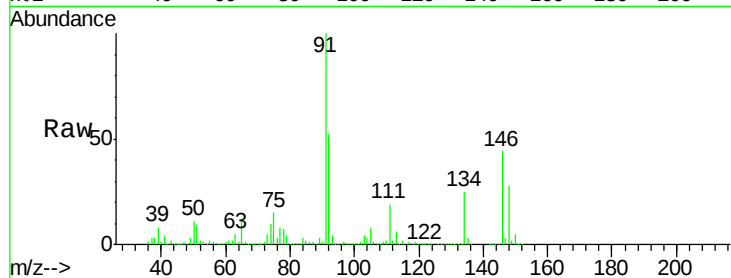
Tot Ion: 91 Resp: 619753

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 26.8 13.5 40.5



#90

Hexachloroethane

Concen: 46.18 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002321.D

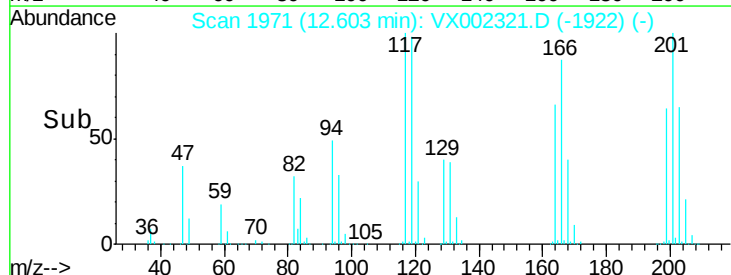
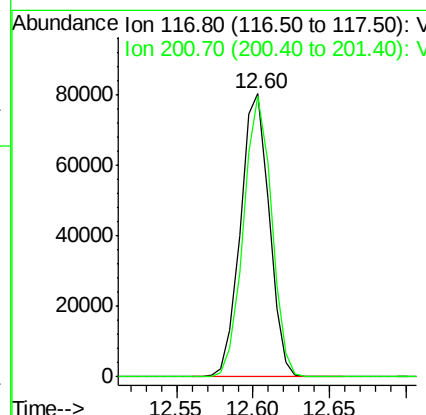
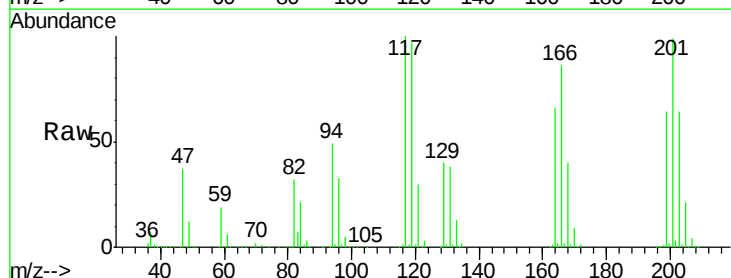
Acq: 05 Jun 2018 22:37

Tgt Ion: 117 Resp: 104748

Ion Ratio Lower Upper

117 100

201 96.6 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.11 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

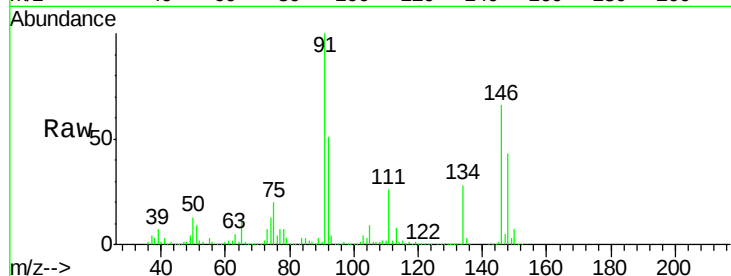
Tot Ion:146 Resp: 389815

Ion Ratio Lower Upper

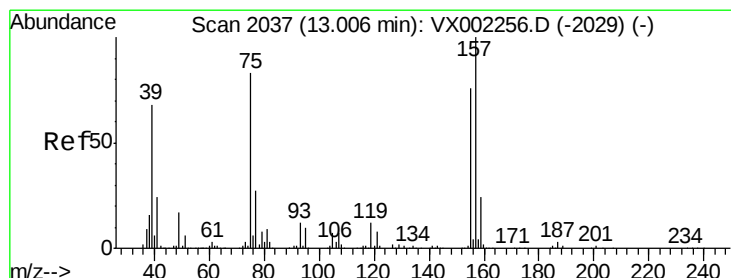
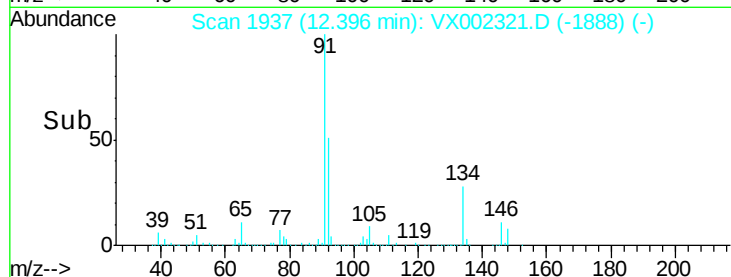
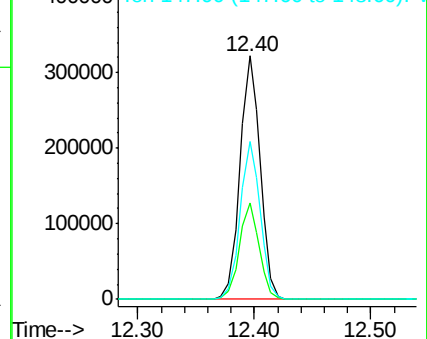
146 100

111 38.9 19.4 58.1

148 64.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.36 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

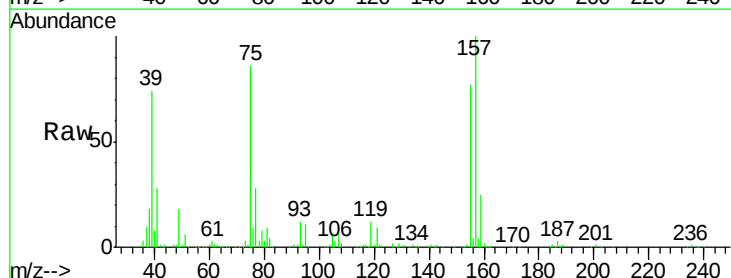
Tgt Ion: 75 Resp: 50792

Ion Ratio Lower Upper

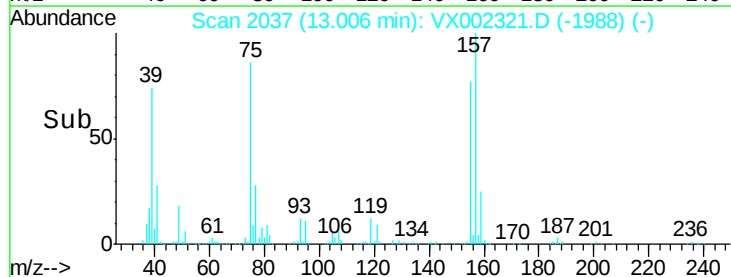
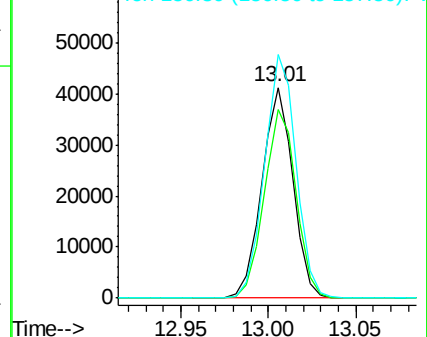
75 100

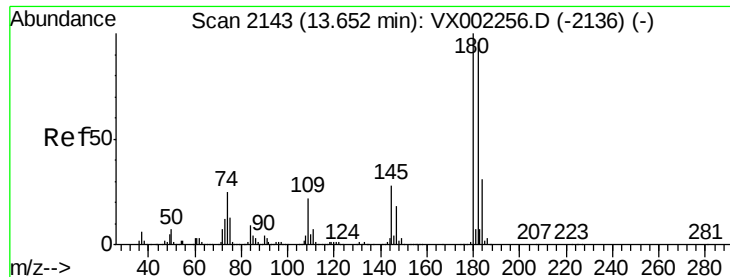
155 91.6 45.8 137.4

157 117.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

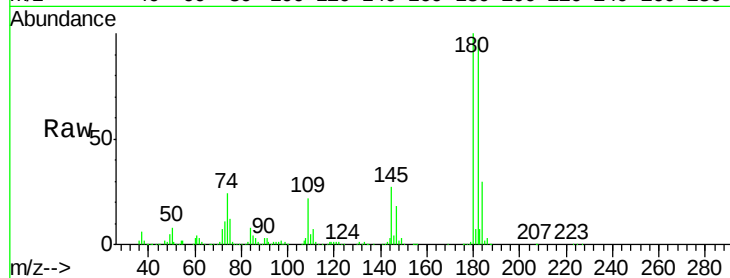




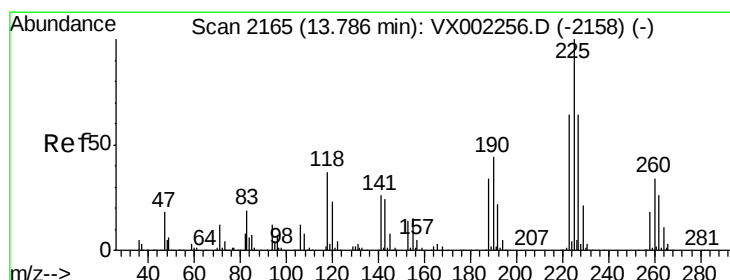
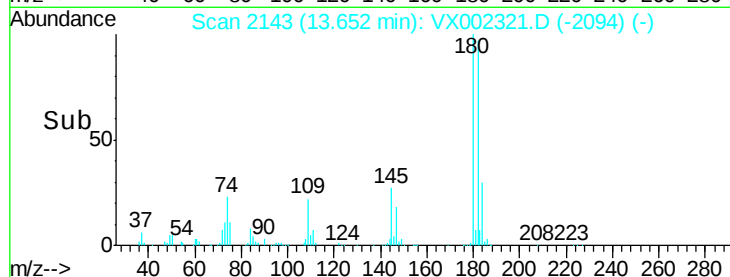
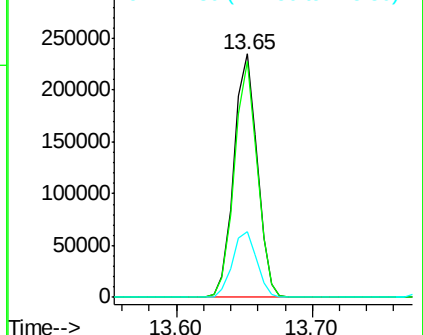
#93
 1,2,4-Trichlorobenzene
 Concen: 48.38 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 280701
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 28.0 14.1 42.4

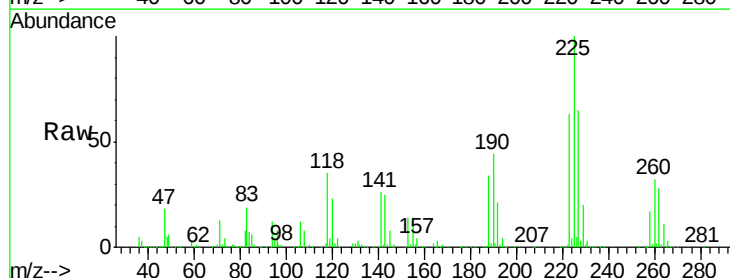


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

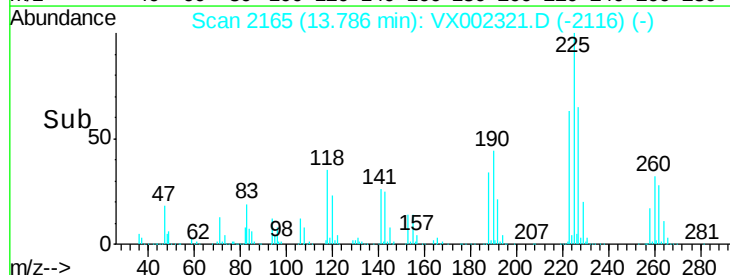
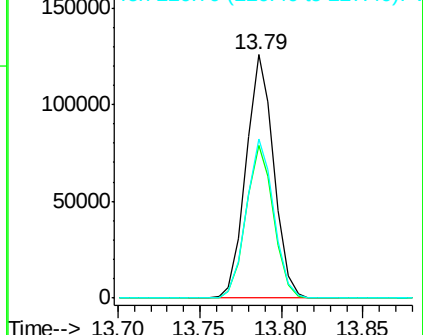


#94
 Hexachlorobutadiene
 Concen: 51.90 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002321.D
 Acq: 05 Jun 2018 22:37

Tgt Ion:225 Resp: 148777
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.6 32.4 97.2



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





#95

Naphthalene

Concen: 48.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

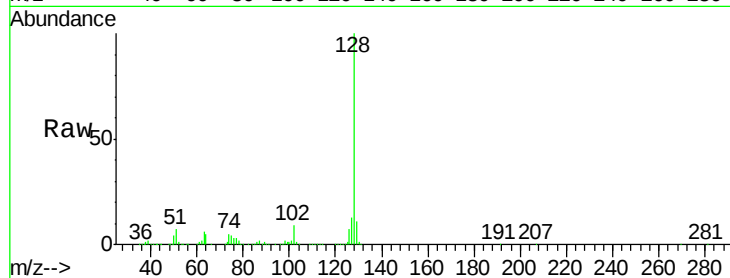
Tot Ion:128 Resp: 810448

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

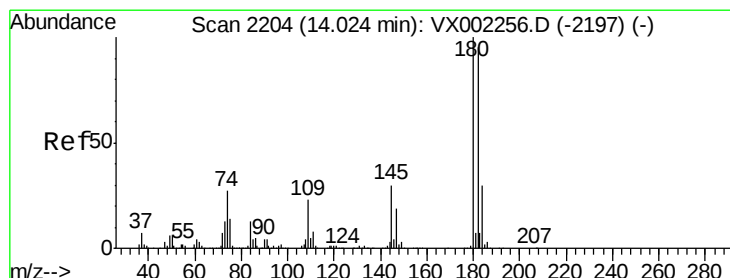
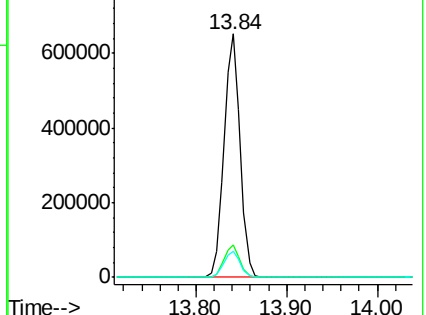
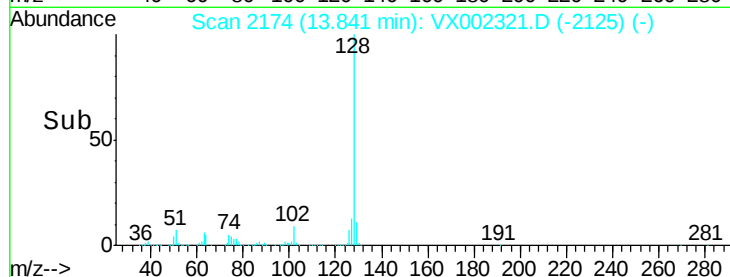
129 10.9 8.6 13.0



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: 49.16 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002321.D

Acq: 05 Jun 2018 22:37

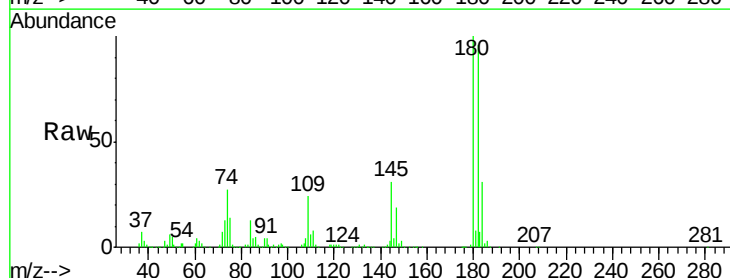
Tgt Ion:180 Resp: 290887

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 29.5 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

