

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001461.D
 Acq On : 07 May 2018 11:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 06:04:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	307556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	269765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	215859	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.51	113	177516	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.72	98	659677	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.14	95	253883	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	204887	49.49	ug/l	99
3) Chloromethane	1.32	50	180258	44.70	ug/l	99
4) Vinyl Chloride	1.41	62	191876	45.60	ug/l	100
5) Bromomethane	1.64	94	98395	51.17	ug/l	99
6) Chloroethane	1.72	64	119057	42.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	295583	46.67	ug/l	100
8) Diethyl Ether	2.19	74	106790	43.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	175044	47.14	ug/l	100
10) Methyl Iodide	2.51	142	250868	46.83	ug/l	98
11) Tert butyl alcohol	3.07	59	186256	199.84	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153277	45.04	ug/l	96
13) Acrolein	2.29	56	34449	184.44	ug/l	92
14) Allyl chloride	2.73	41	283763	44.72	ug/l	98
15) Acrylonitrile	3.15	53	421483	200.12	ug/l	99
16) Acetone	2.45	43	430822	214.63	ug/l	100
17) Carbon Disulfide	2.57	76	392898	45.36	ug/l	100
18) Methyl Acetate	2.78	43	216146	40.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	525811	44.38	ug/l	98
20) Methylene Chloride	2.86	84	166900	41.99	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	163212	42.97	ug/l	96
22) Diisopropyl ether	3.87	45	547359	46.17	ug/l	99
23) Vinyl Acetate	3.82	43	2308831	233.68	ug/l	100
24) 1,1-Dichloroethane	3.70	63	297741	44.96	ug/l	99
25) 2-Butanone	4.71	43	614417	211.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	256684	50.19	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	185155	45.77	ug/l	97
28) Bromochloromethane	5.03	49	146873	51.15	ug/l	98
29) Tetrahydrofuran	5.17	42	378640	203.96	ug/l	100
30) Chloroform	5.22	83	314473	46.10	ug/l	96
31) Cyclohexane	5.58	56	273507	48.08	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	286528	48.06	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237436	48.77	ug/l	100
37) Ethyl Acetate	4.87	43	231915	43.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	263249	50.69	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001461.D
 Acq On : 07 May 2018 11:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 08 06:04:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	299795	52.08	ug/l	99
40) Benzene	6.15	78	687930	48.37	ug/l	99
41) Methacrylonitrile	5.06	41	135951	44.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	261271	47.80	ug/l	100
43) Isopropyl Acetate	6.47	43	384028	46.87	ug/l	99
44) Trichloroethene	7.21	130	215650	49.61	ug/l	98
45) 1,2-Dichloropropane	7.52	63	172207	48.57	ug/l	97
46) Dibromomethane	7.67	93	118877	47.36	ug/l	99
47) Bromodichloromethane	7.90	83	233067	50.17	ug/l	100
48) Methyl methacrylate	7.78	41	207297	46.46	ug/l	99
49) 1,4-Dioxane	7.76	88	82599	856.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1242302	228.17	ug/l	100
52) Toluene	8.79	92	465457	50.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	278814	53.11	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	258694	47.77	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	178590	47.67	ug/l	99
56) Ethyl methacrylate	9.18	69	261128	48.35	ug/l	100
57) 1,3-Dichloropropane	9.38	76	292832	47.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	604911	228.37	ug/l	100
59) 2-Hexanone	9.50	43	952102	228.36	ug/l	100
60) Dibromochloromethane	9.59	129	196767	51.29	ug/l	100
61) 1,2-Dibromoethane	9.68	107	190644	48.47	ug/l	99
64) Tetrachloroethene	9.34	164	253193	49.94	ug/l	98
65) Chlorobenzene	10.14	112	522707	49.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	195161	51.14	ug/l	100
67) Ethyl Benzene	10.26	91	876421	50.12	ug/l	100
68) m/p-Xylenes	10.36	106	711151	102.93	ug/l	98
69) o-Xylene	10.70	106	340021	50.64	ug/l	99
70) Styrene	10.71	104	563188	51.63	ug/l	99
71) Bromoform	10.86	173	158538	43.68	ug/l	100
73) Isopropylbenzene	11.02	105	924528	49.51	ug/l	100
74) N-amyl acetate	6.47	43	384028	45.27	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	248673	45.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	299724	54.78	ug/l	90
77) Bromobenzene	11.26	156	257342	47.40	ug/l	98
78) n-propylbenzene	11.37	91	1045011	51.39	ug/l	100
79) 2-Chlorotoluene	11.43	91	604935	48.34	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	784719	50.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72429	42.88	ug/l	99
82) 4-Chlorotoluene	11.51	91	719549	49.84	ug/l	99
83) tert-Butylbenzene	11.77	119	766567	49.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	807529	50.53	ug/l	100
85) sec-Butylbenzene	11.95	105	962238	51.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	898717	52.76	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	476012	49.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	482572	48.75	ug/l	100
89) n-Butylbenzene	12.39	91	752871	53.34	ug/l	100
90) Hexachloroethane	12.60	117	134157	52.30	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	471266	47.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56346	46.50	ug/l	99

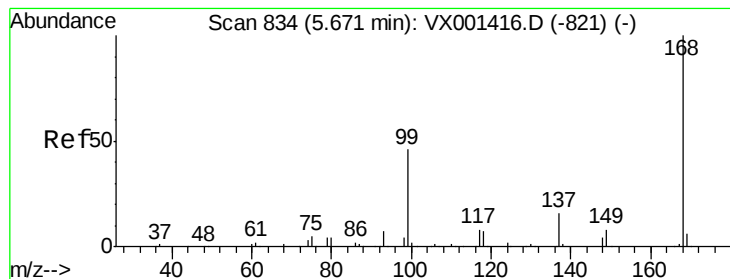
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
Data File : VX001461.D
Acq On : 07 May 2018 11:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 08 06:04:14 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373405	51.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	202979	51.34	ug/l	99
95) Naphthalene	13.84	128	979727	49.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	370026	49.91	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: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

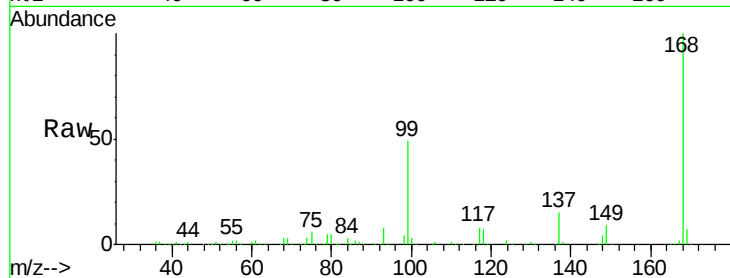
VSTDCCC050

Tgt Ion: 168 Resp: 307556

Ion Ratio Lower Upper

168 100

99 48.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

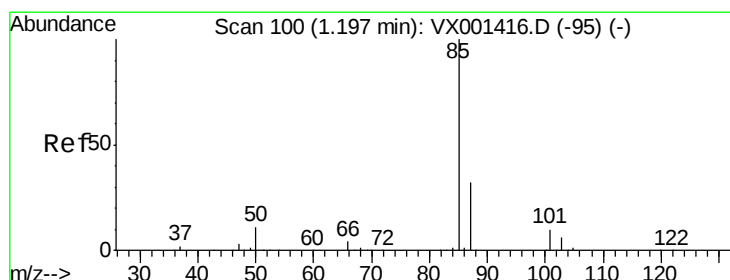
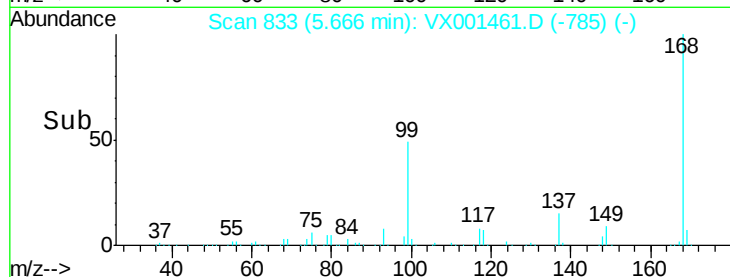
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 49.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001461.D

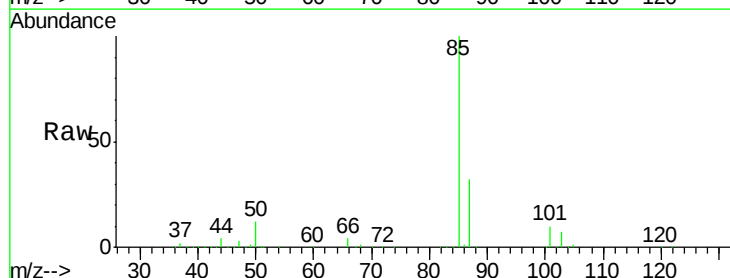
Acq: 07 May 2018 11:25

Tgt Ion: 85 Resp: 204887

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

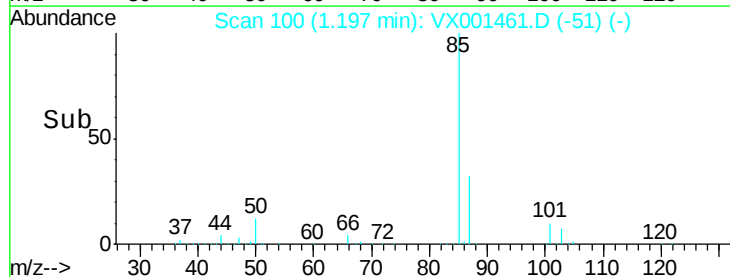
100000

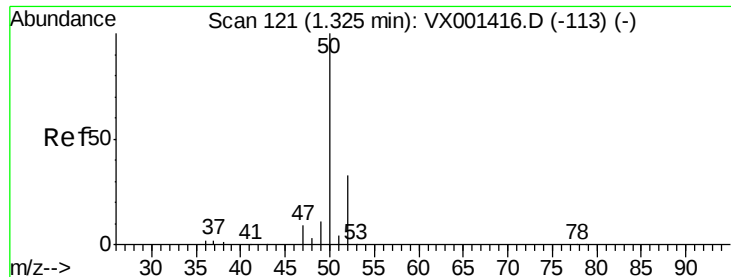
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

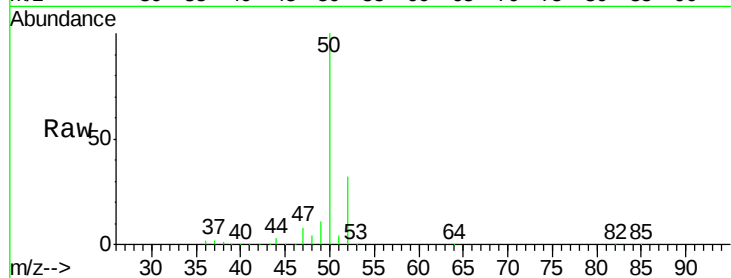
VSTDCCC050

Tgt Ion: 50 Resp: 180258

Ion Ratio Lower Upper

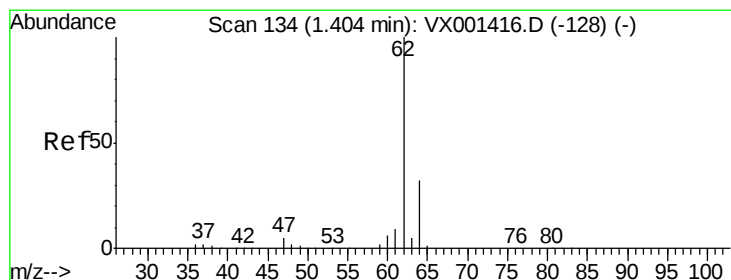
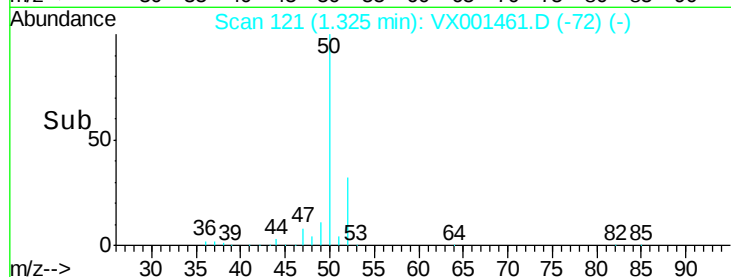
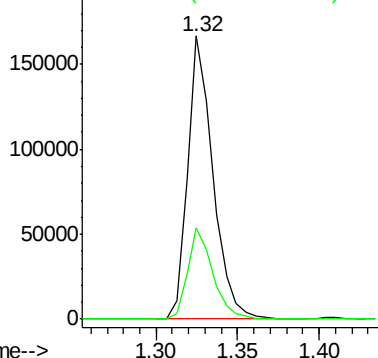
50 100

52 32.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.60 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001461.D

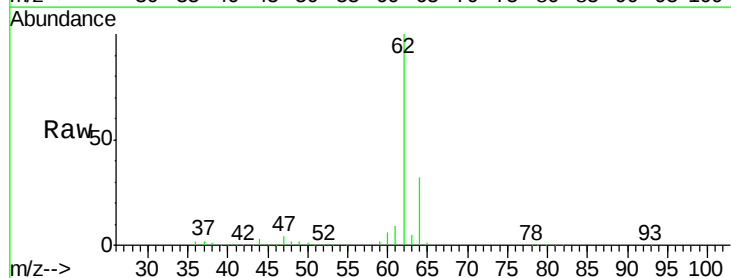
Acq: 07 May 2018 11:25

Tgt Ion: 62 Resp: 191876

Ion Ratio Lower Upper

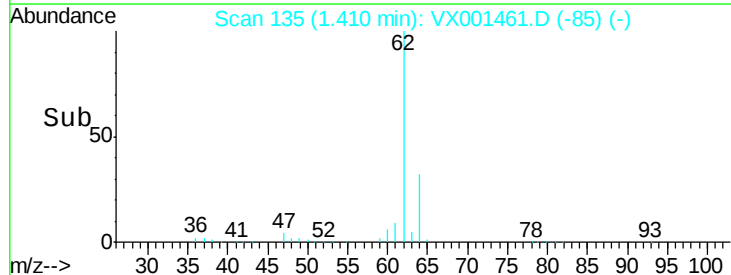
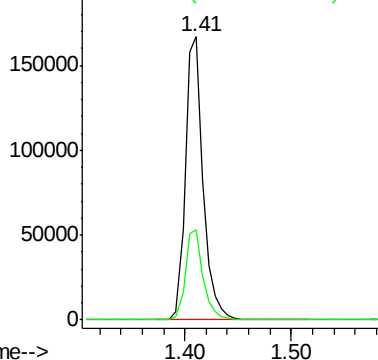
62 100

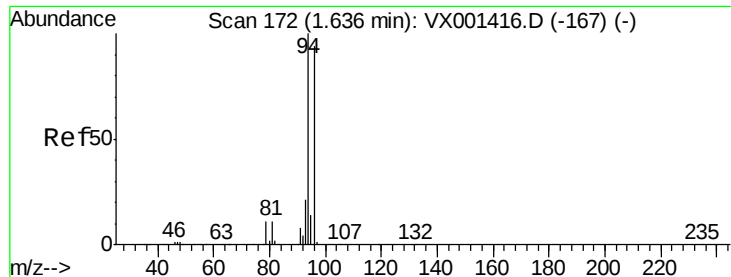
64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.17 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

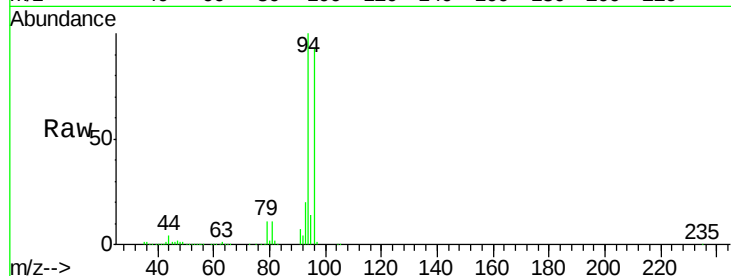
VSTDCCC050

Tgt Ion: 94 Resp: 98395

Ion Ratio Lower Upper

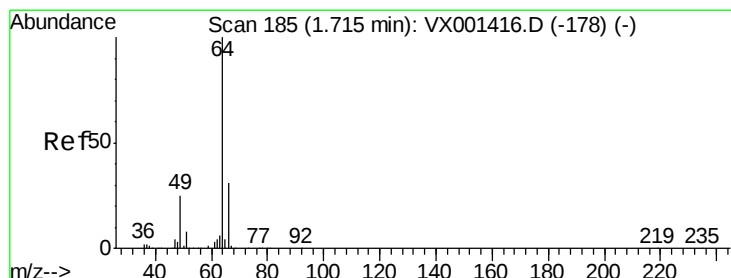
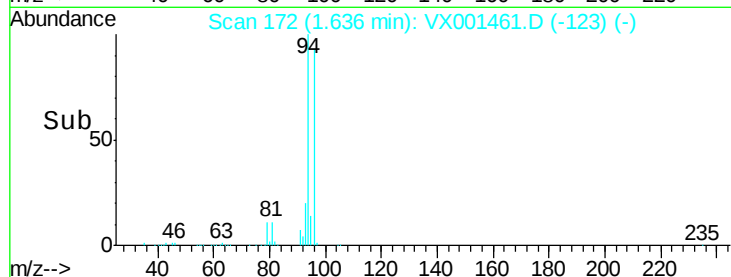
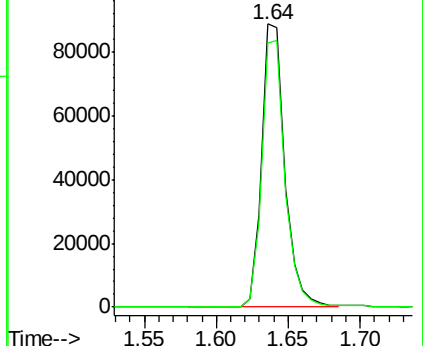
94 100

96 93.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001461.D

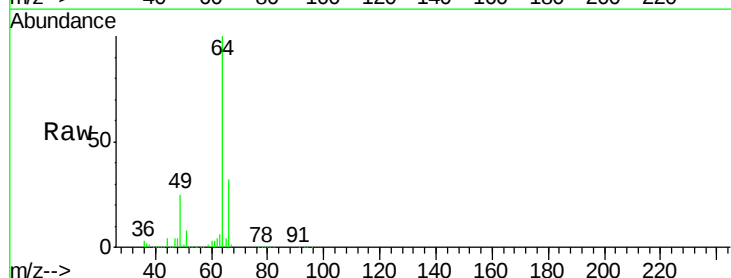
Acq: 07 May 2018 11:25

Tgt Ion: 64 Resp: 119057

Ion Ratio Lower Upper

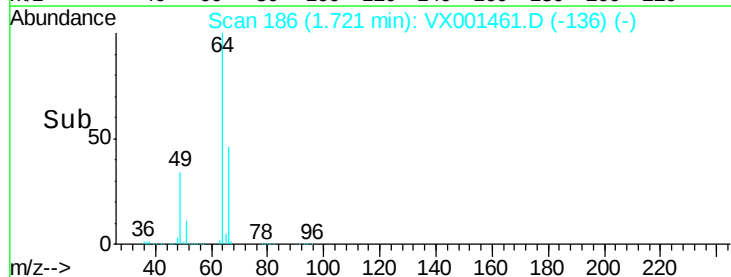
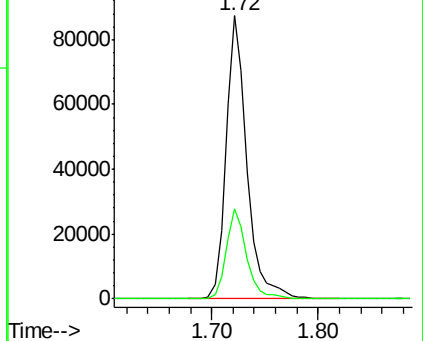
64 100

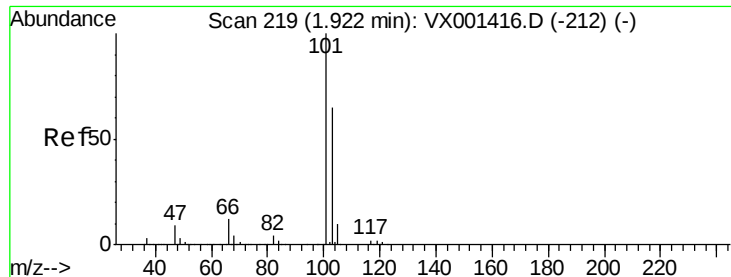
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



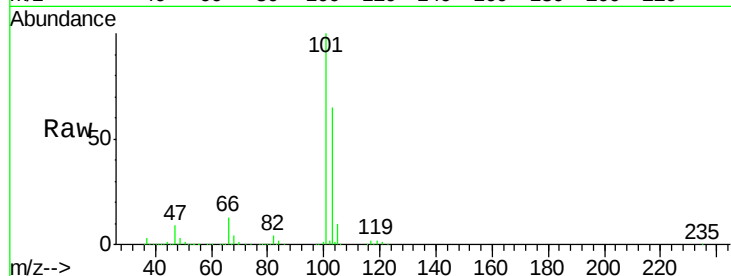


#7

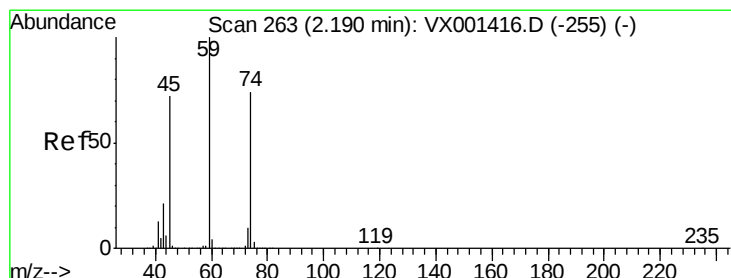
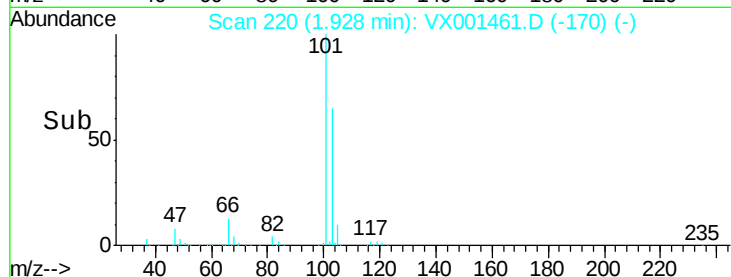
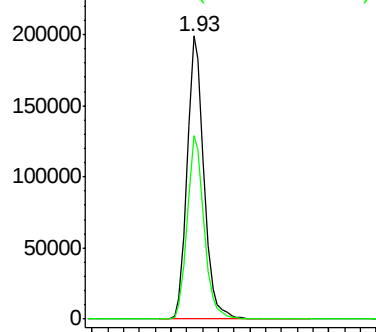
Trichlorofluoromethane
 Concen: 46.67 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 295583
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.0 78.0



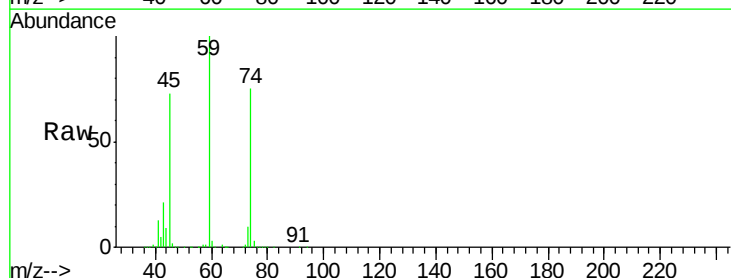
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



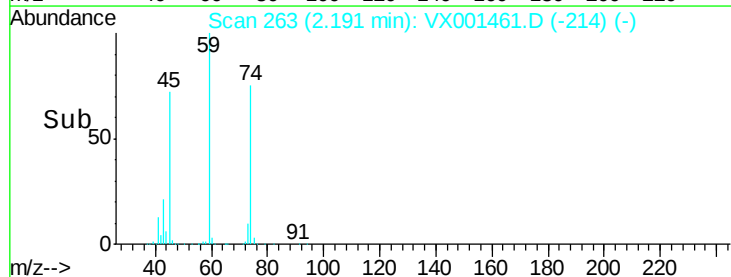
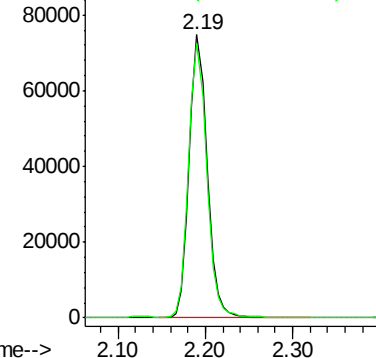
#8

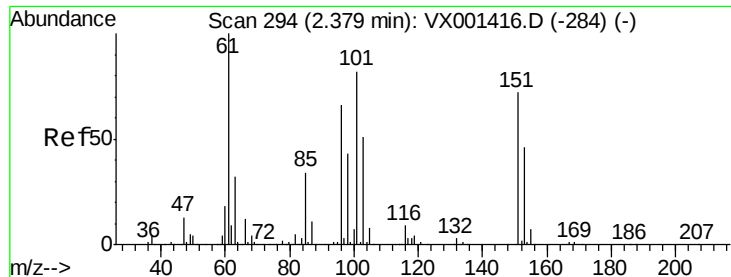
Diethyl Ether
 Concen: 43.02 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 74 Resp: 106790
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.9 143.6



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.14 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

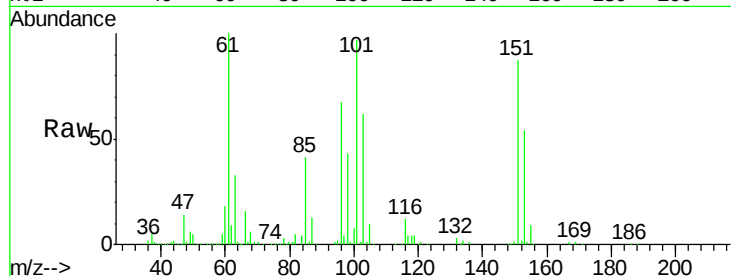
Tgt Ion:101 Resp: 175044

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

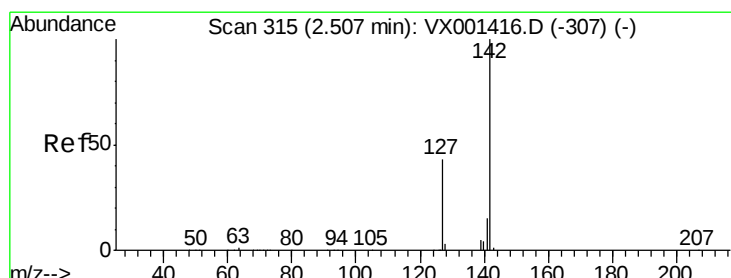
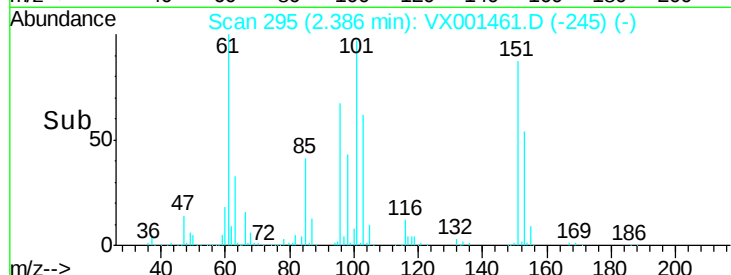
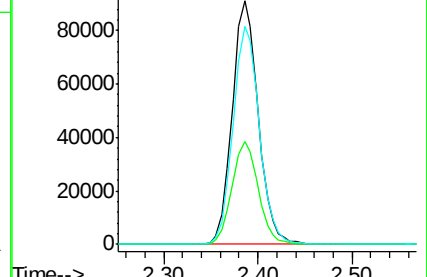
151 90.5 72.3 108.5



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: 46.83 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

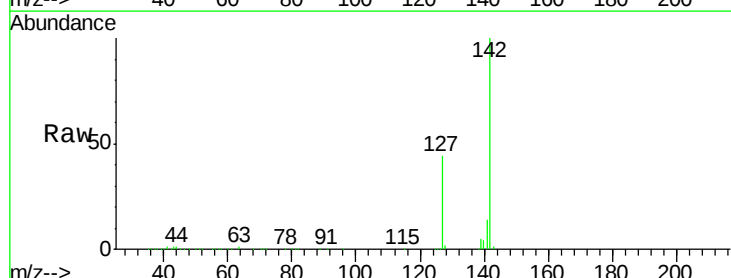
Tgt Ion:142 Resp: 250868

Ion Ratio Lower Upper

142 100

127 43.5 33.6 50.4

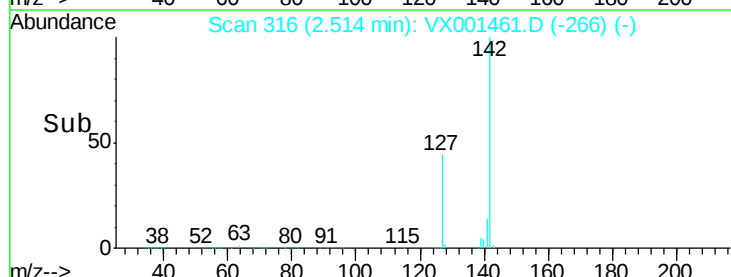
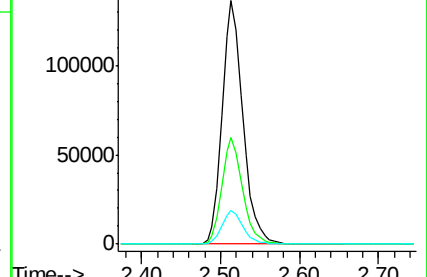
141 14.0 11.4 17.2

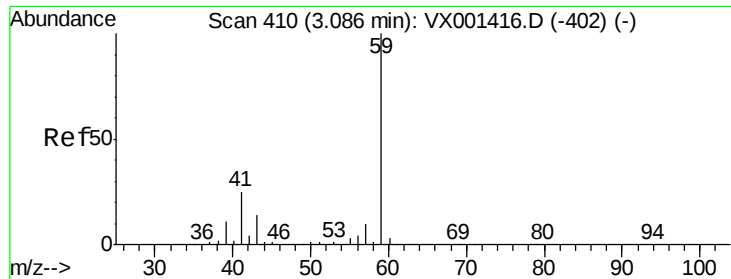


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

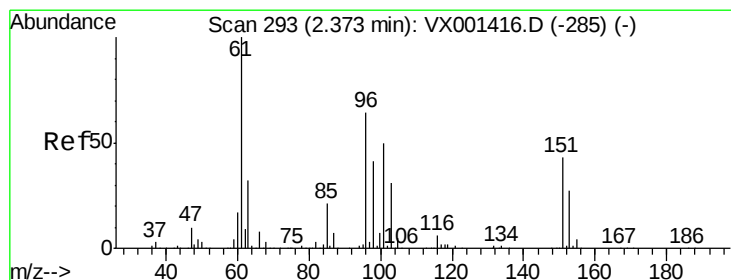
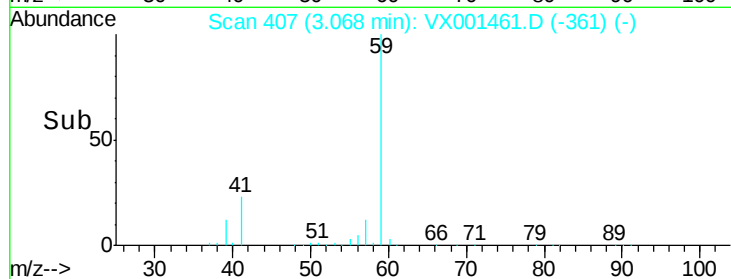
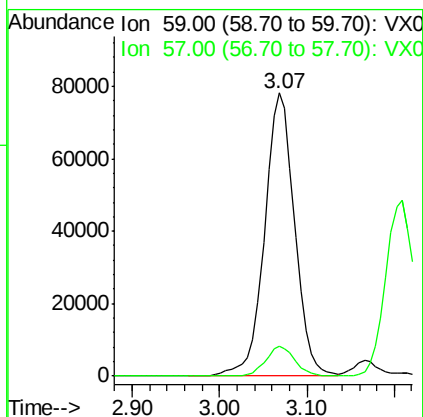
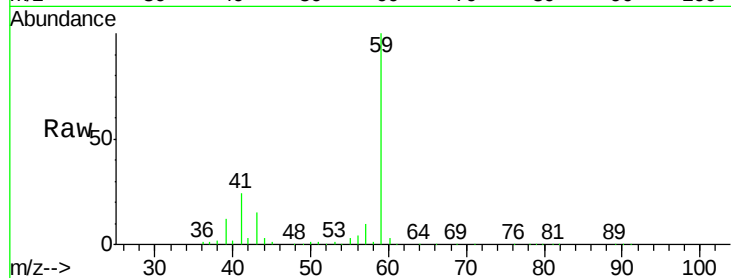




#11
Tert butyl alcohol
Concen: 199.84 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

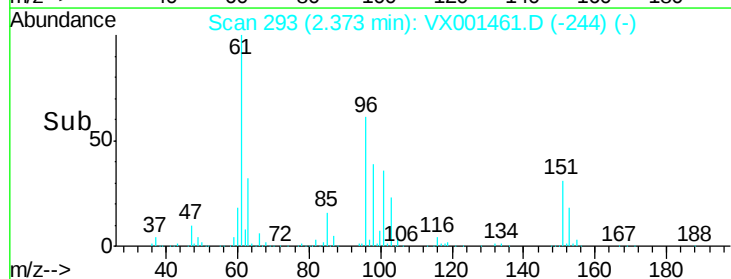
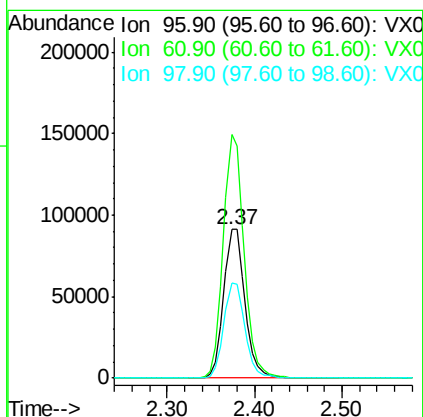
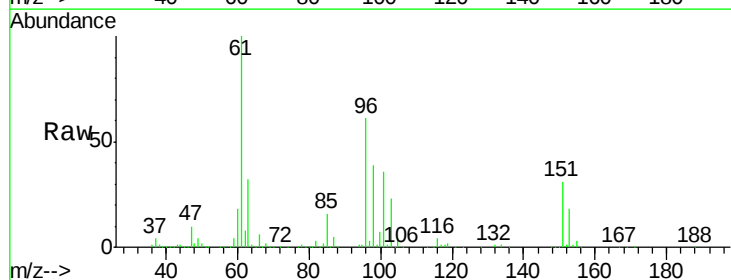
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 186256
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.04 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 96 Resp: 153277
Ion Ratio Lower Upper
96 100
61 163.7 125.7 188.5
98 63.8 52.0 78.0

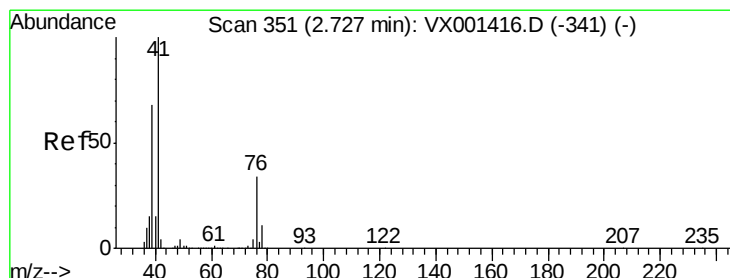
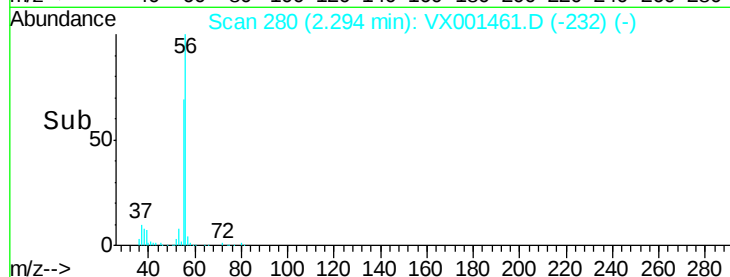
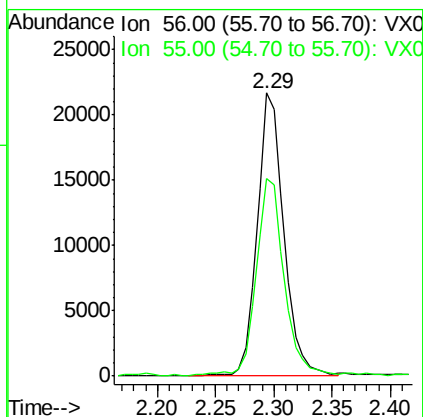
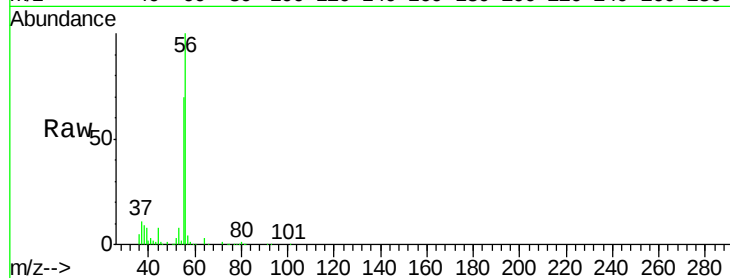




#13
 Acrolein
 Concen: 184.44 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

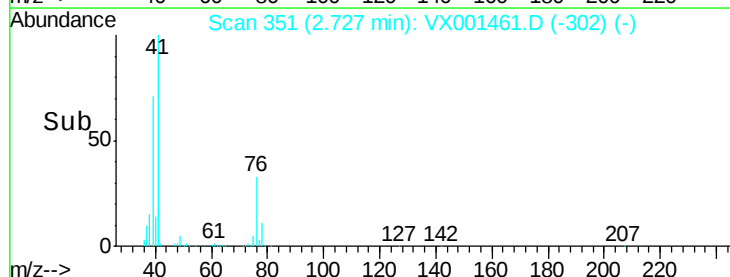
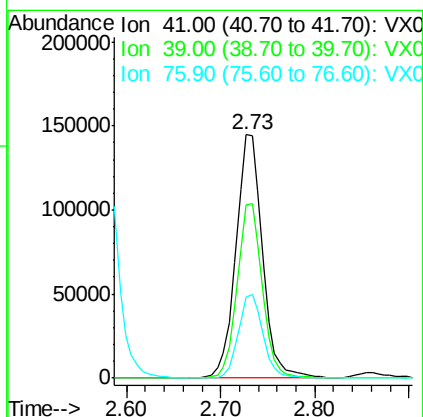
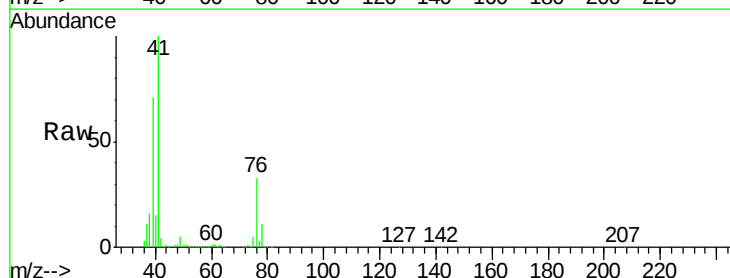
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

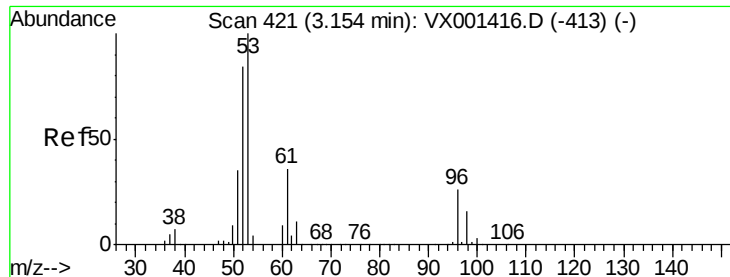
Tgt Ion: 56 Resp: 34449
 Ion Ratio Lower Upper
 56 100
 55 74.7 54.5 81.7



#14
 Allyl chloride
 Concen: 44.72 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 41 Resp: 283763
 Ion Ratio Lower Upper
 41 100
 39 67.9 52.4 78.6
 76 31.9 25.8 38.6





#15

Acrylonitrile

Concen: 200.12 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

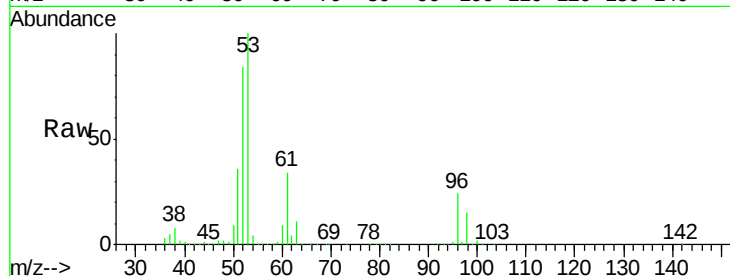
Tgt Ion: 53 Resp: 421483

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

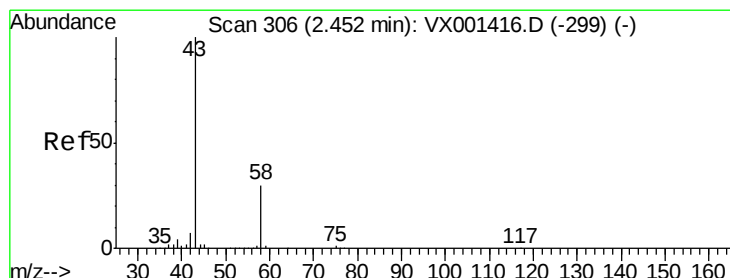
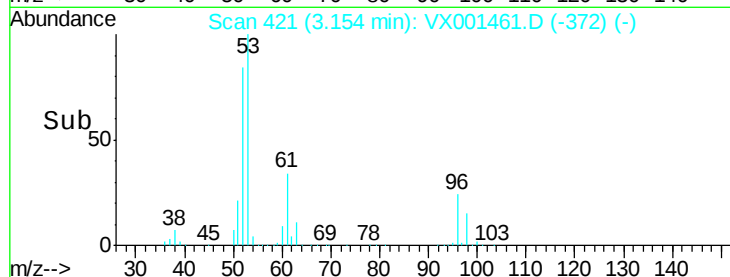
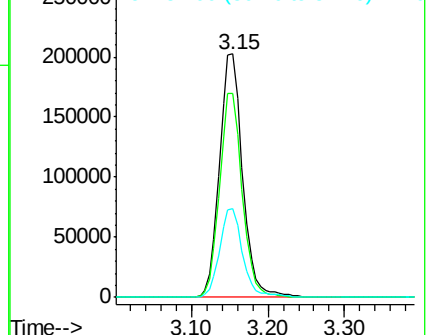
51 36.8 28.6 43.0



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: 214.63 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001461.D

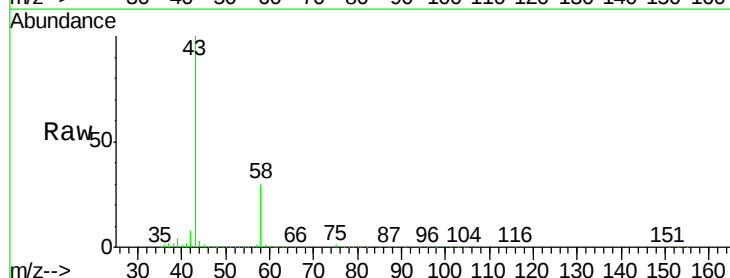
Acq: 07 May 2018 11:25

Tgt Ion: 43 Resp: 430822

Ion Ratio Lower Upper

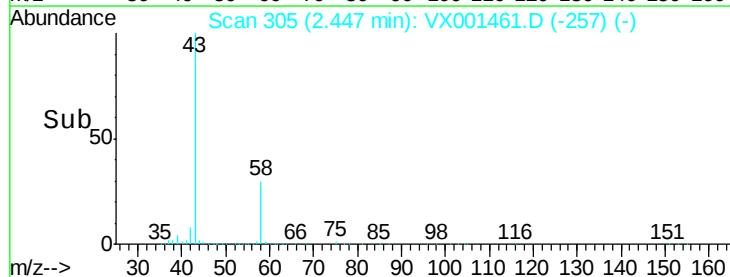
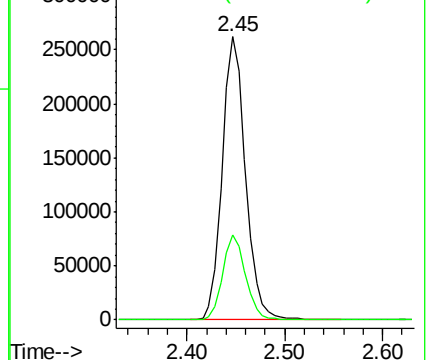
43 100

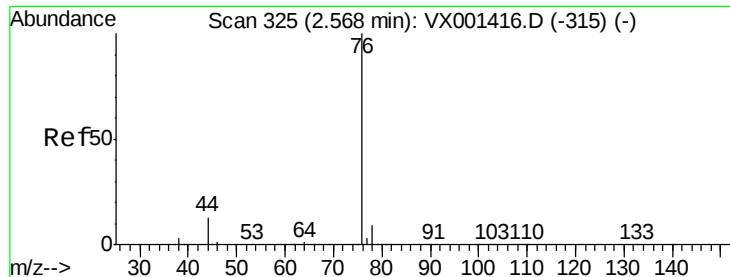
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

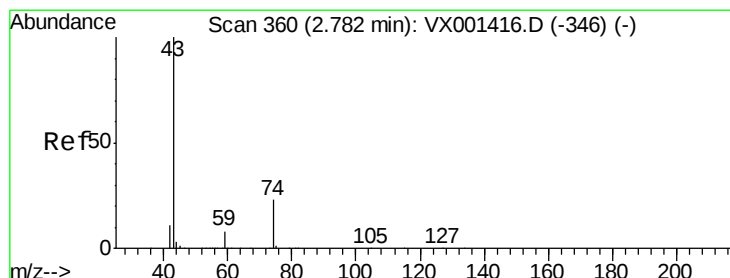
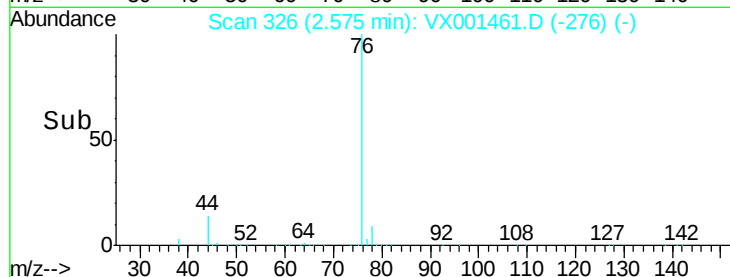
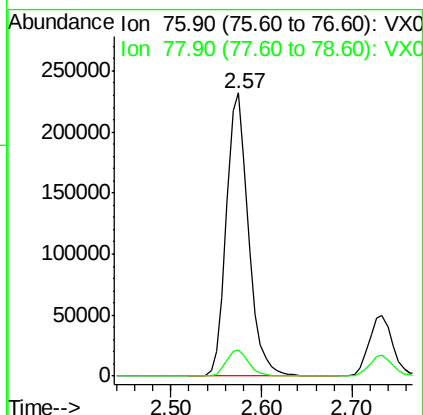
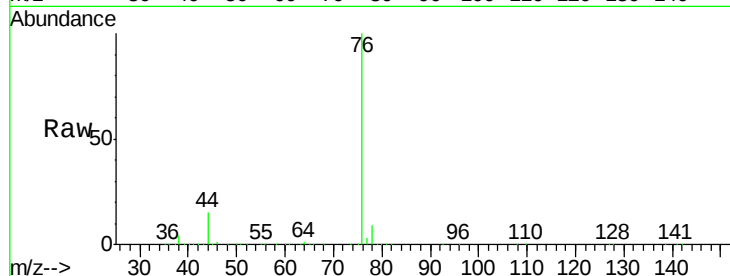




#17
Carbon Disulfide
Concen: 45.36 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

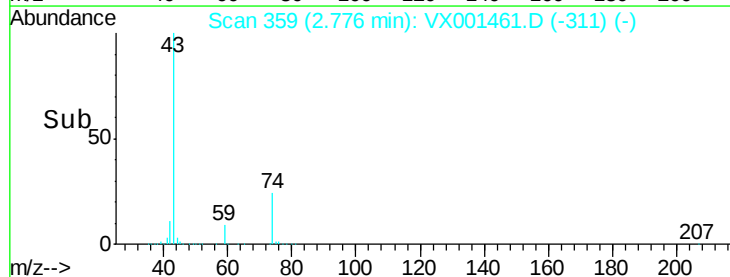
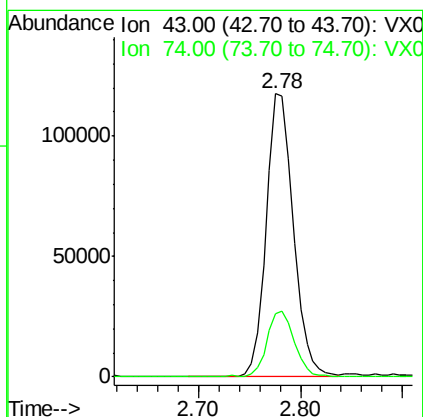
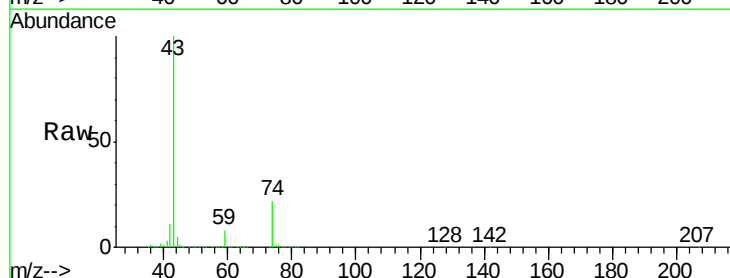
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

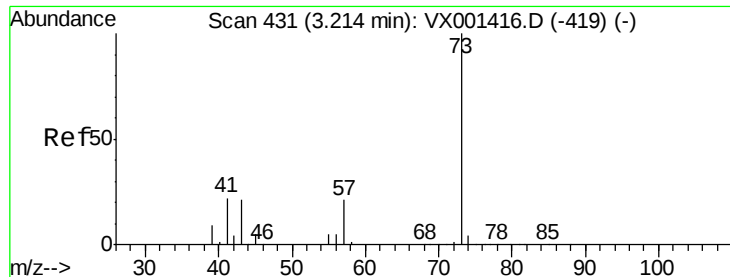
Tgt Ion: 76 Resp: 392898
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 40.99 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 43 Resp: 216146
Ion Ratio Lower Upper
43 100
74 23.9 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 44.38 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

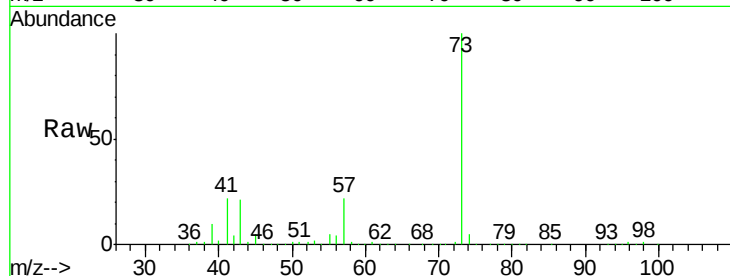
VSTDCCC050

Tgt Ion: 73 Resp: 525811

Ion Ratio Lower Upper

73 100

57 22.1 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

250000

200000

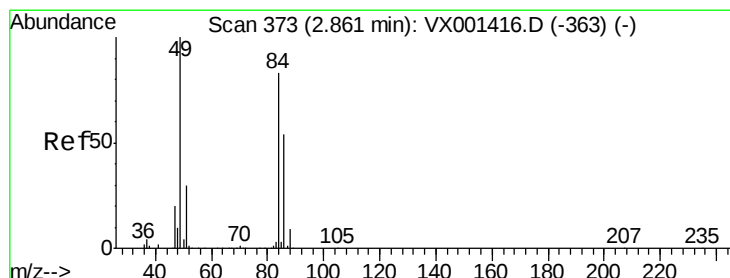
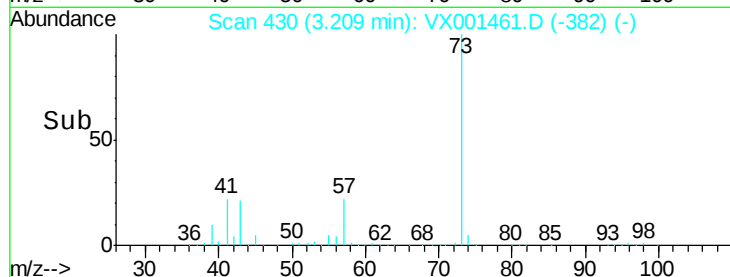
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 41.99 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion: 84 Resp: 166900

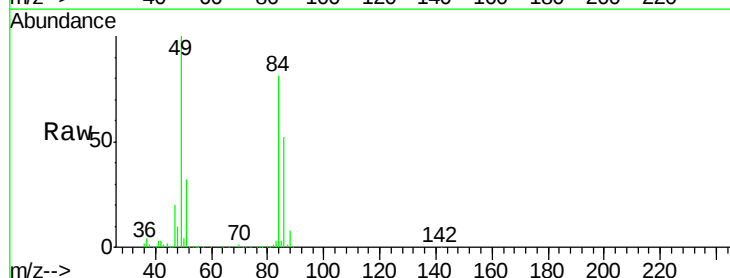
Ion Ratio Lower Upper

84 100

49 122.9 96.6 144.8

51 38.7 29.0 43.4

86 64.2 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

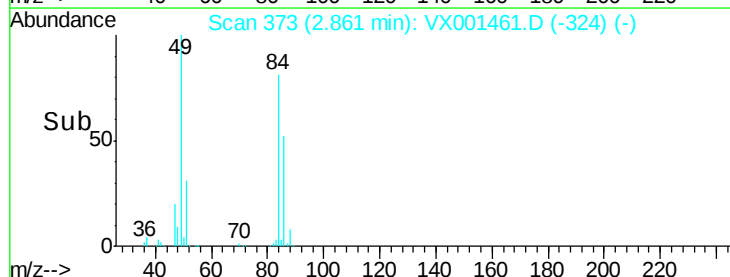
150000

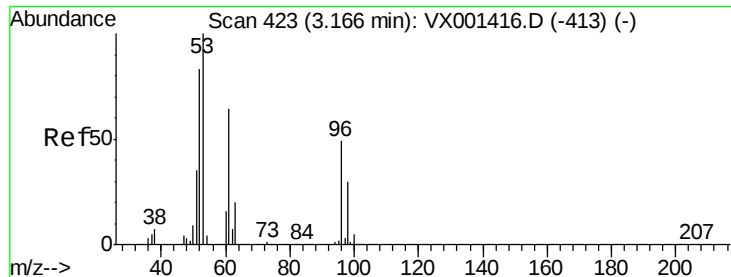
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 42.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

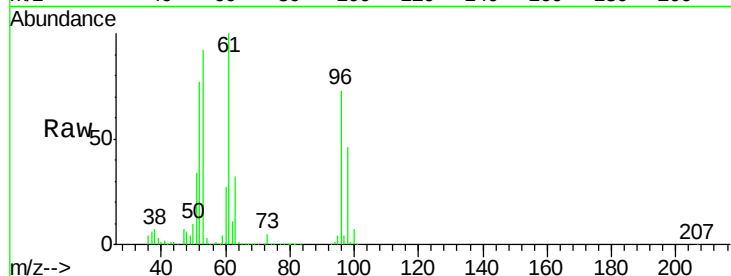
Tgt Ion: 96 Resp: 163212

Ion Ratio Lower Upper

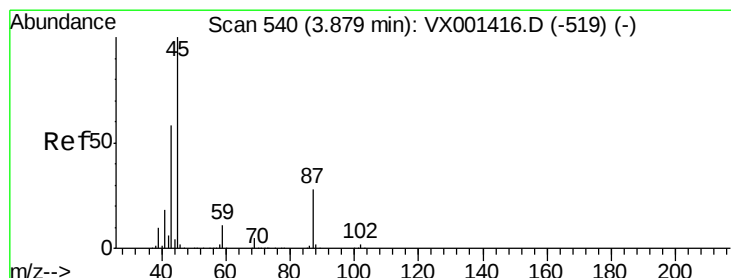
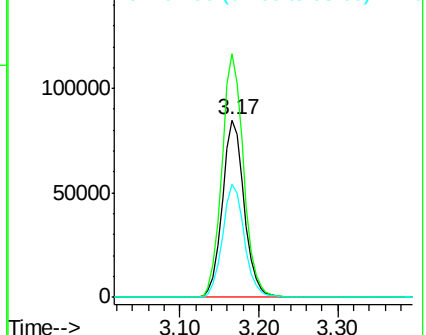
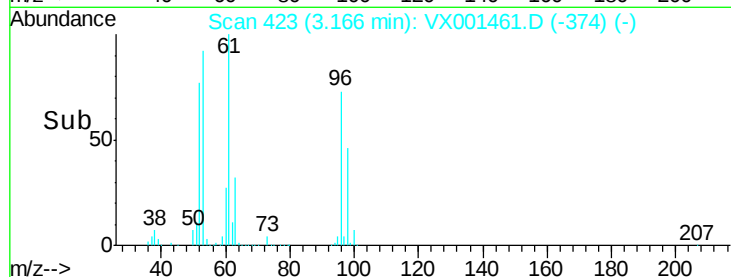
96 100

61 137.3 105.0 157.4

98 63.8 49.9 74.9



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



#22

Diisopropyl ether

Concen: 46.17 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion: 45 Resp: 547359

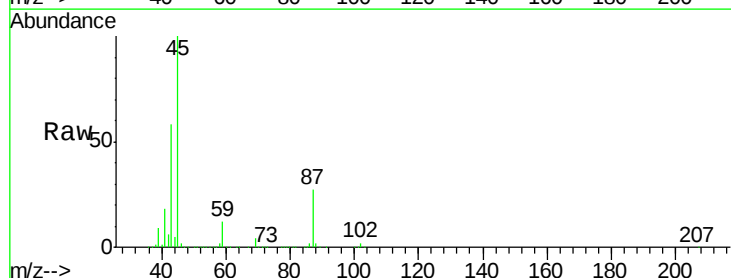
Ion Ratio Lower Upper

45 100

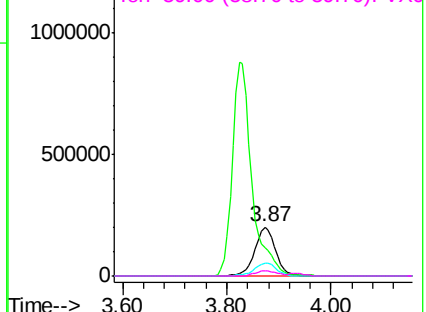
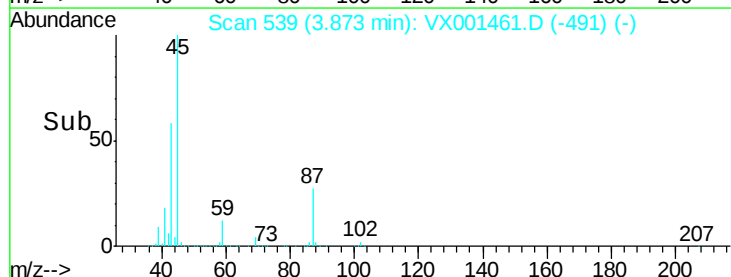
43 58.4 46.5 69.7

87 27.2 22.6 34.0

59 11.5 9.1 13.7



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





#23

Vinyl Acetate

Concen: 233.68 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

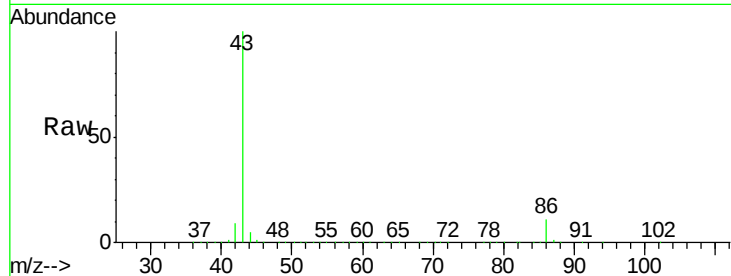
VSTDCCC050

Tgt Ion: 43 Resp: 2308831

Ion Ratio Lower Upper

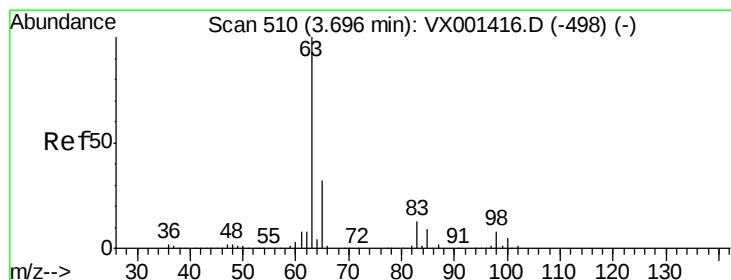
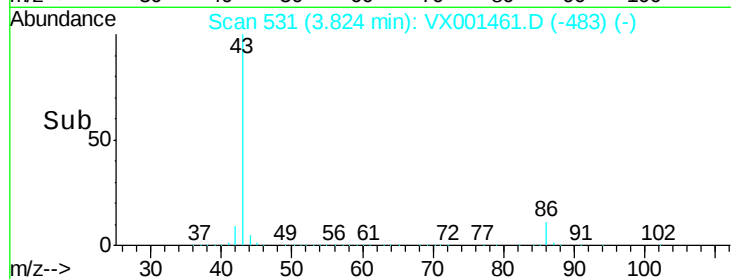
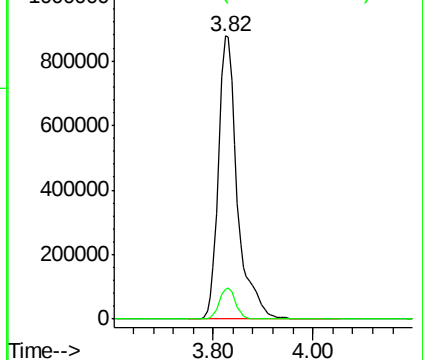
43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.96 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

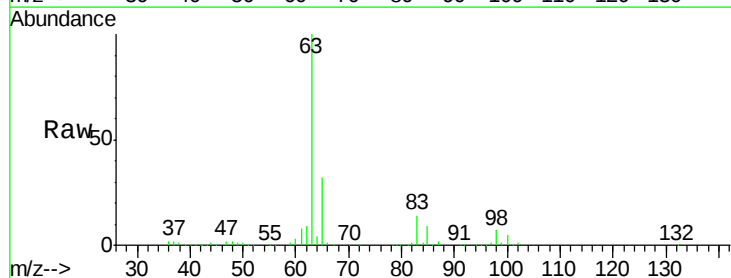
Tgt Ion: 63 Resp: 297741

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

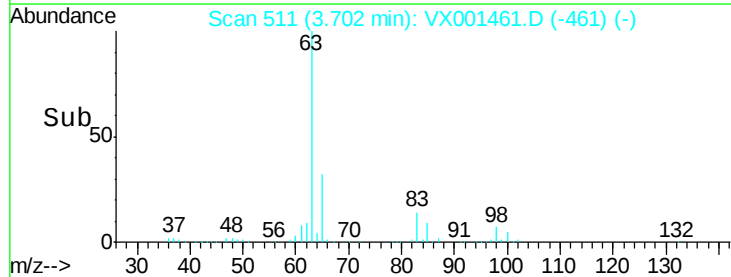
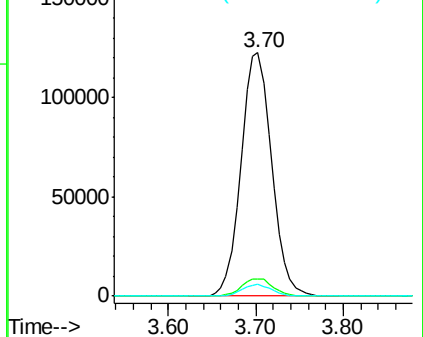
100 4.8 2.4 7.1

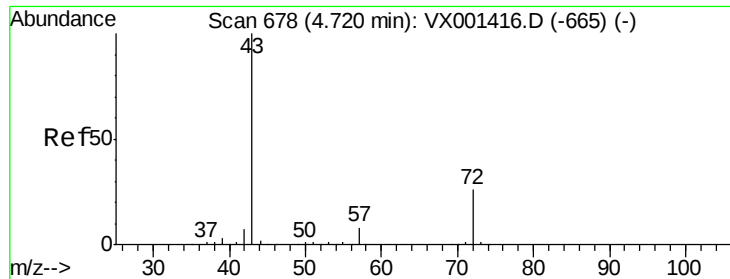


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 211.75 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

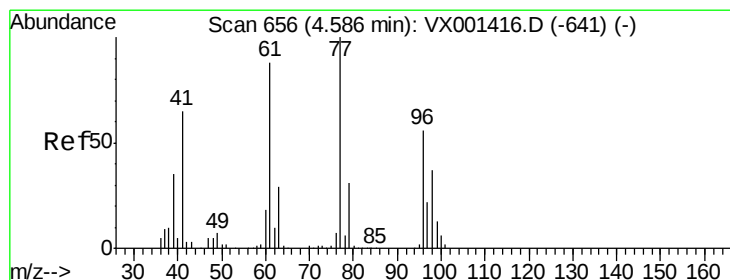
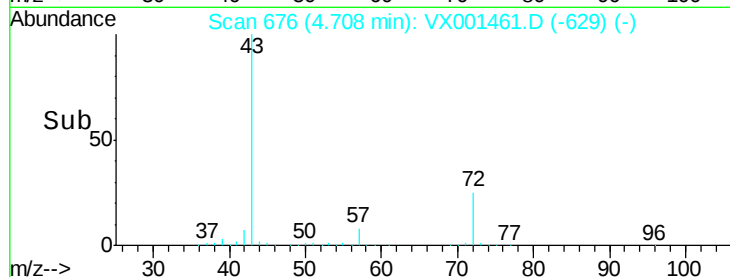
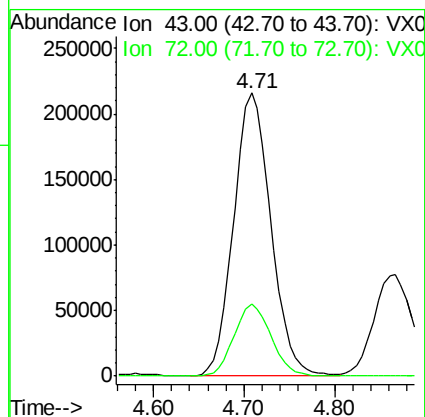
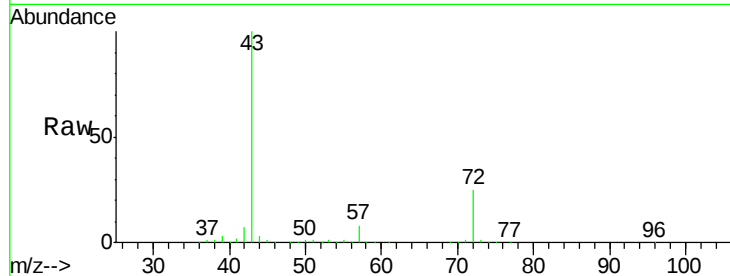
VSTDCCC050

Tgt Ion: 43 Resp: 614417

Ion Ratio Lower Upper

43 100

72 25.3 20.7 31.1



#26

2,2-Dichloropropane

Concen: 50.19 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001461.D

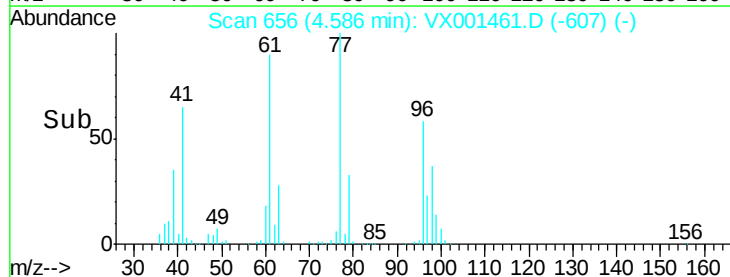
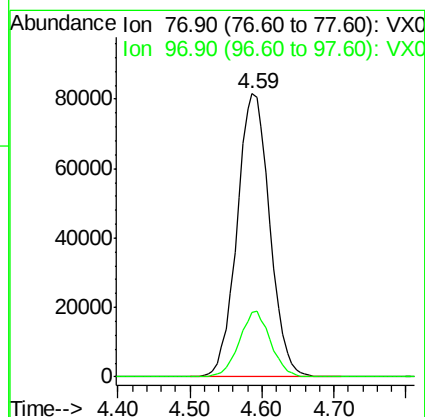
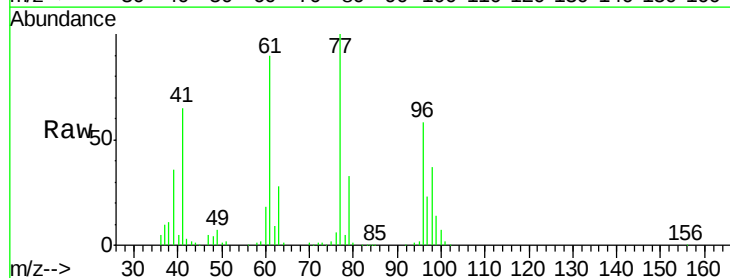
Acq: 07 May 2018 11:25

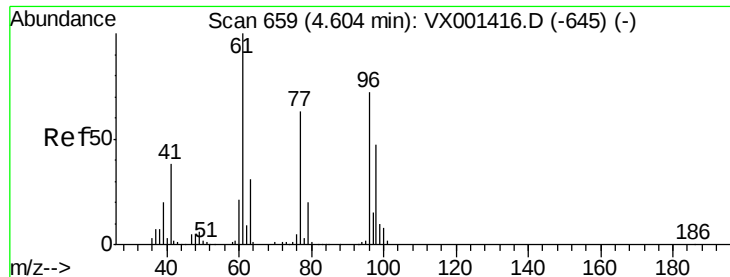
Tgt Ion: 77 Resp: 256684

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.6



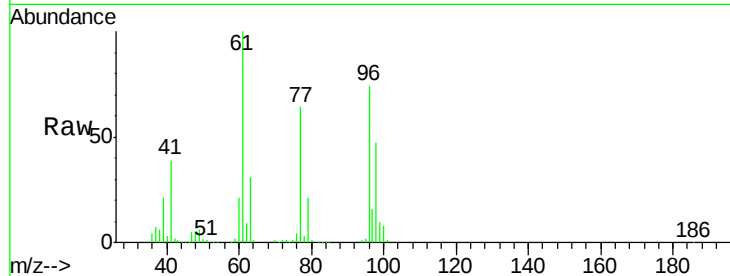


#27

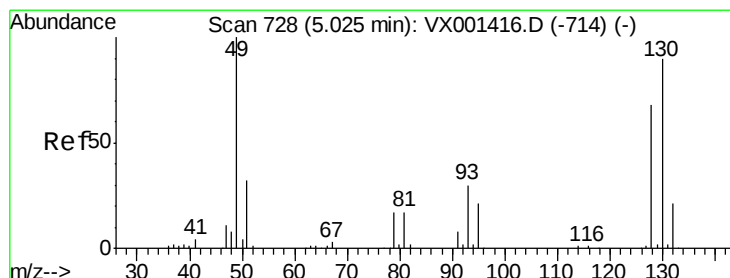
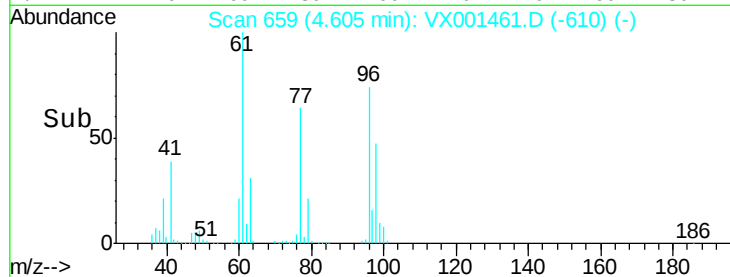
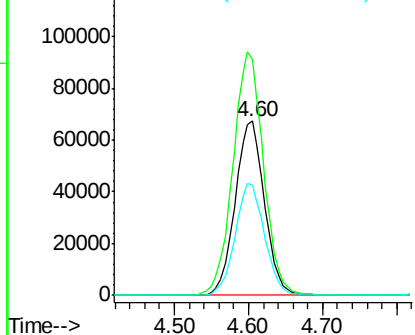
cis-1,2-Dichloroethene
 Concen: 45.77 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 185155
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 301.6
 98 64.6 0.0 131.6



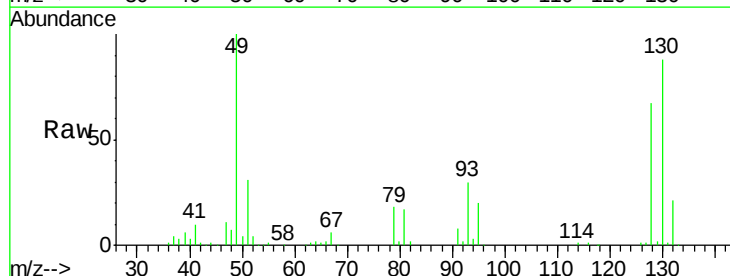
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



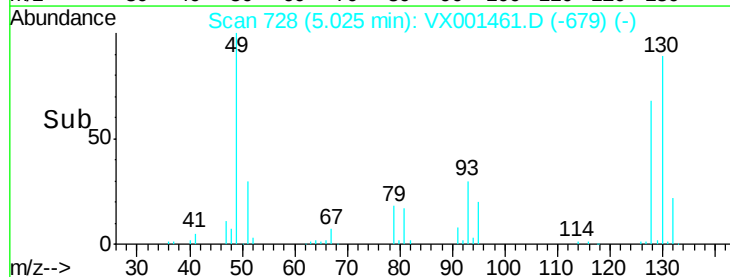
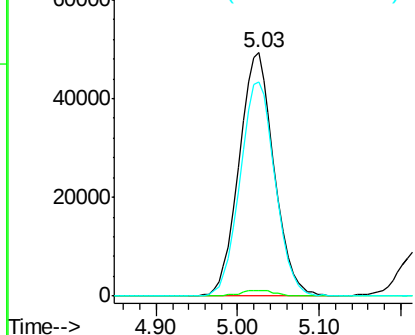
#28

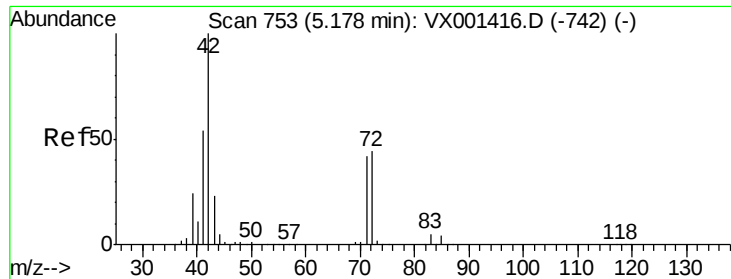
Bromochloromethane
 Concen: 51.15 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 49 Resp: 146873
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 88.3 71.9 107.9



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

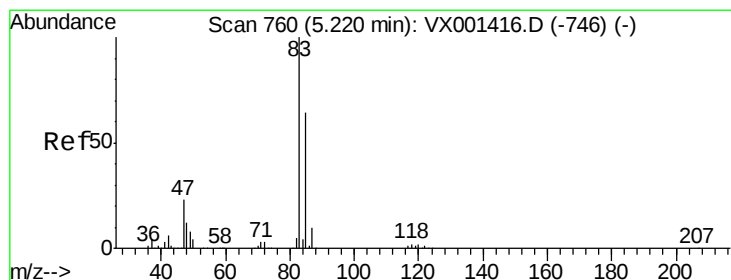
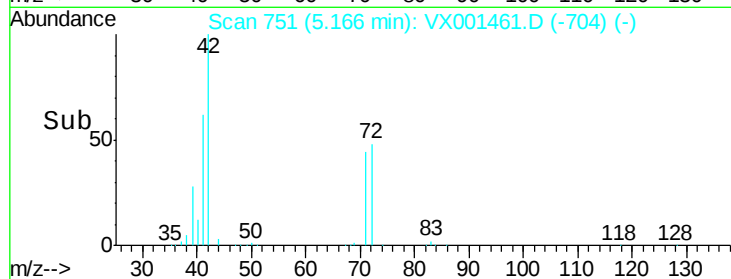
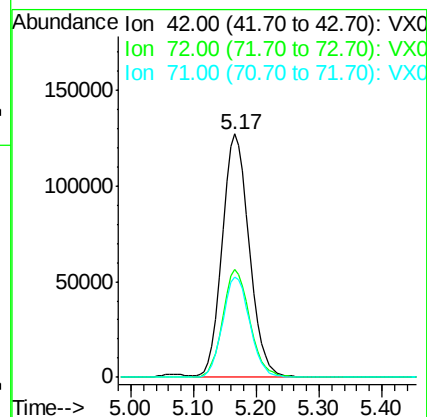
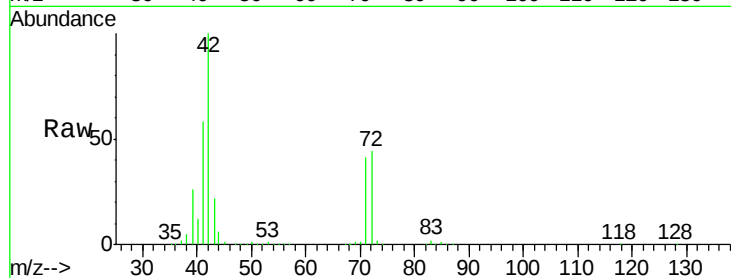




#29
Tetrahydrofuran
Concen: 203.96 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

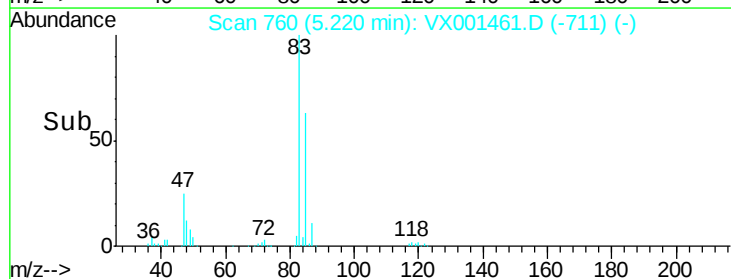
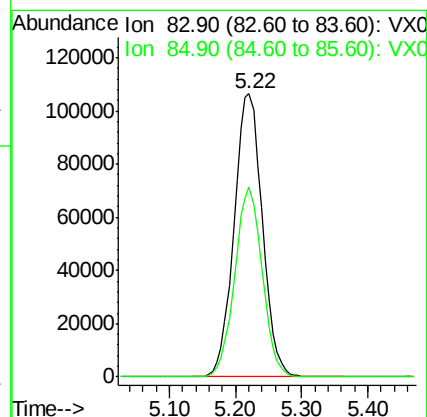
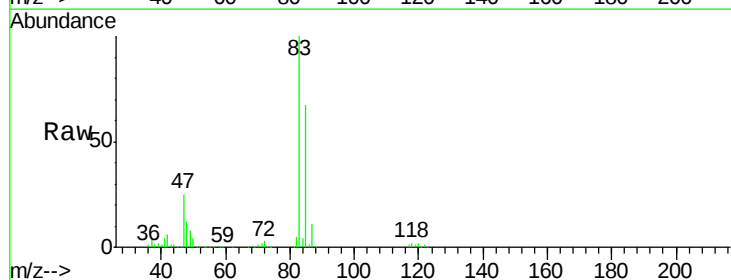
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

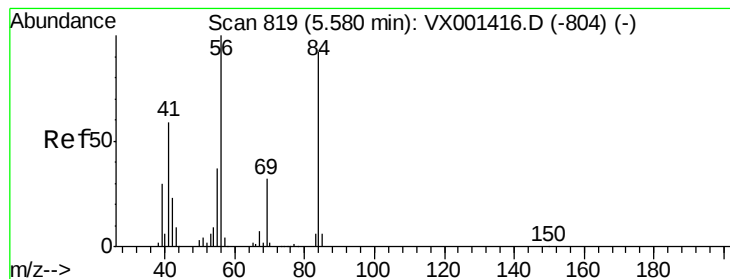
Tgt Ion: 42 Resp: 378640
Ion Ratio Lower Upper
42 100
72 44.6 35.4 53.2
71 41.5 33.0 49.4



#30
Chloroform
Concen: 46.10 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 83 Resp: 314473
Ion Ratio Lower Upper
83 100
85 67.1 51.0 76.4





#31

Cyclohexane

Concen: 48.08 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

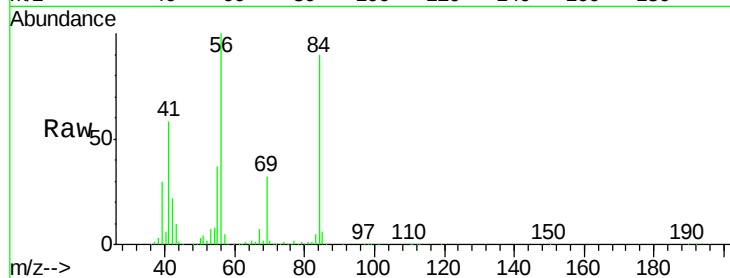
Tgt Ion: 56 Resp: 273507

Ion Ratio Lower Upper

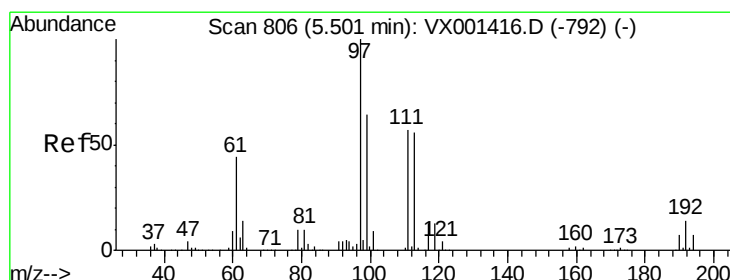
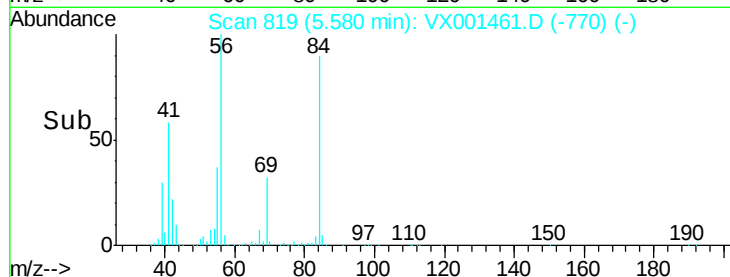
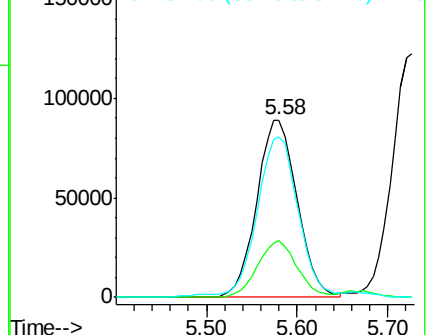
56 100

69 32.2 25.4 38.0

84 89.2 73.8 110.8



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



#32

1,1,1-Trichloroethane

Concen: 48.06 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

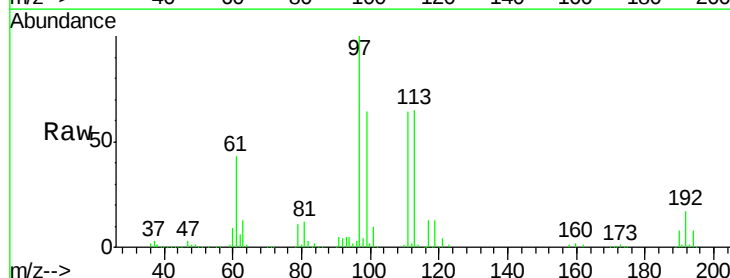
Tgt Ion: 97 Resp: 286528

Ion Ratio Lower Upper

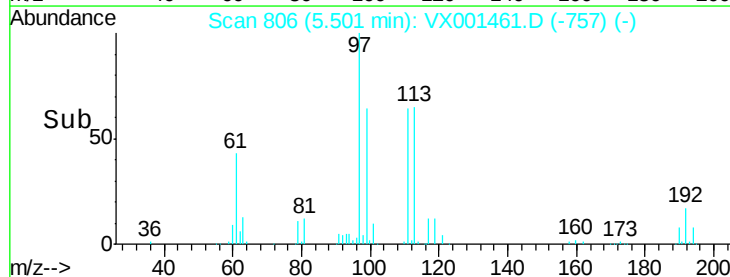
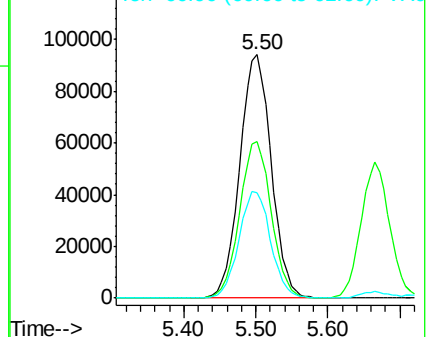
97 100

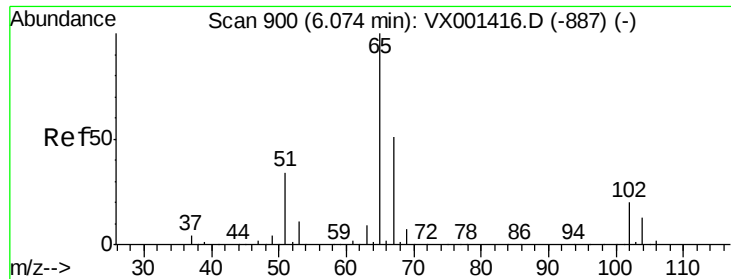
99 64.5 51.3 76.9

61 44.2 34.8 52.2



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

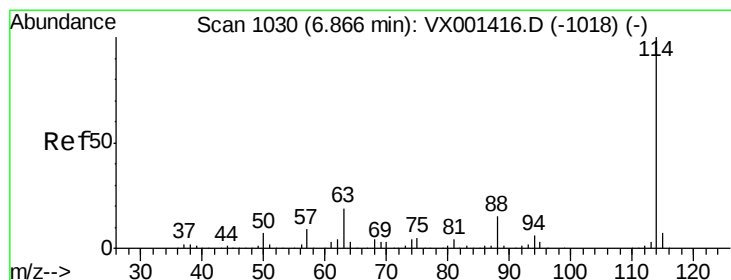
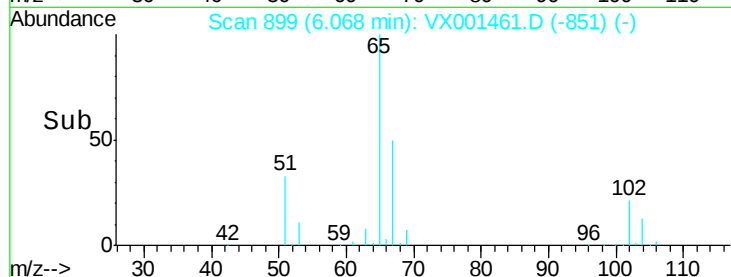
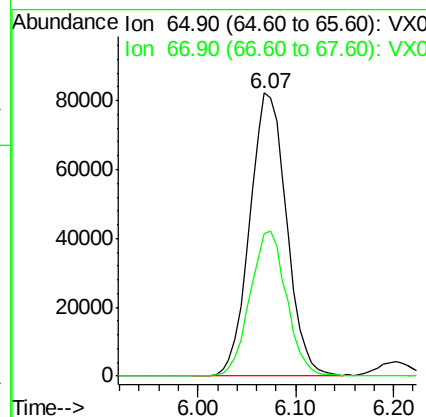
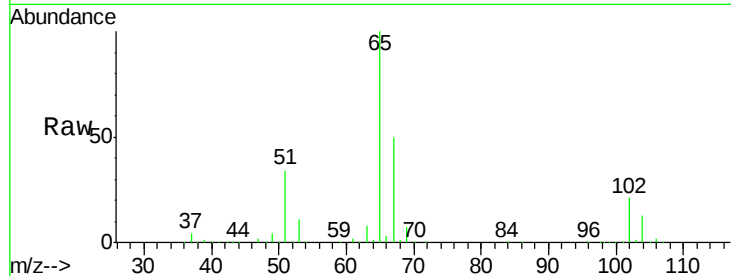




#33
 1,2-Dichloroethane-d4
 Concen: 48.83 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

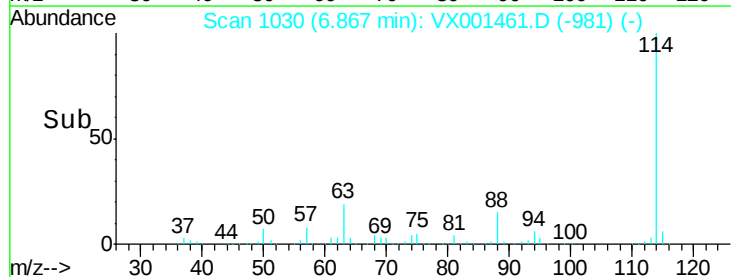
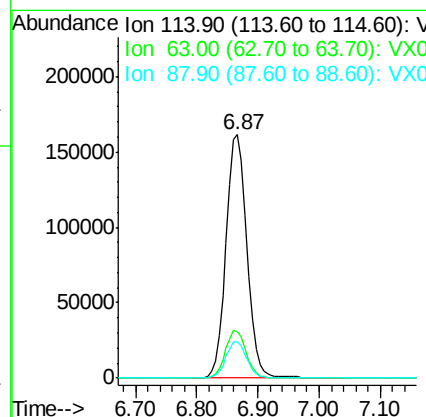
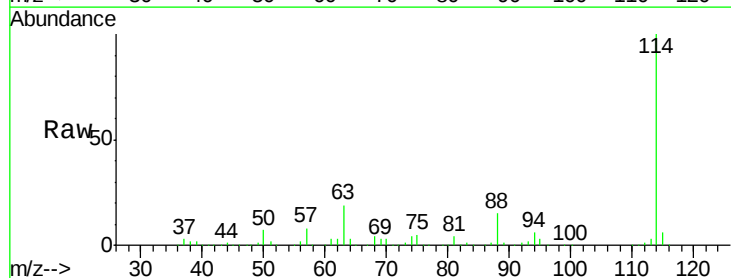
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 215859
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 114 Resp: 382772
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.1 0.0 30.8

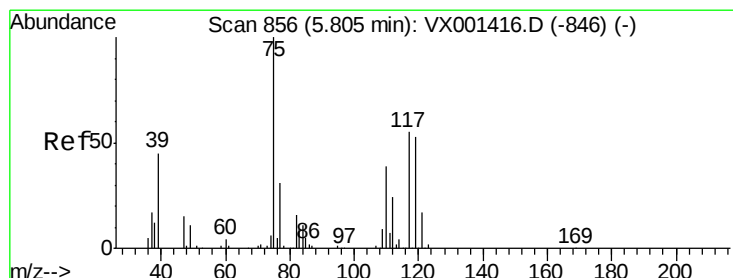
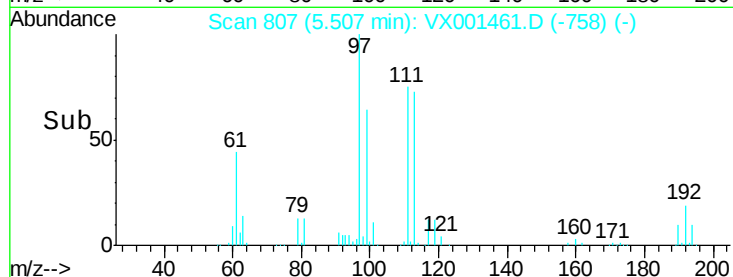
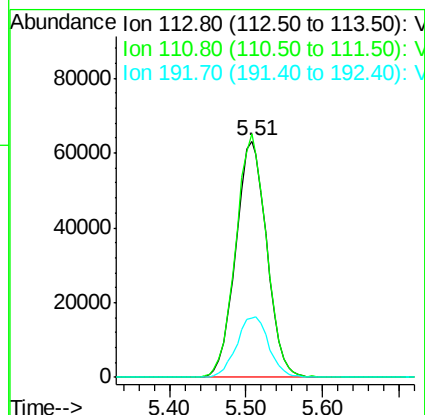
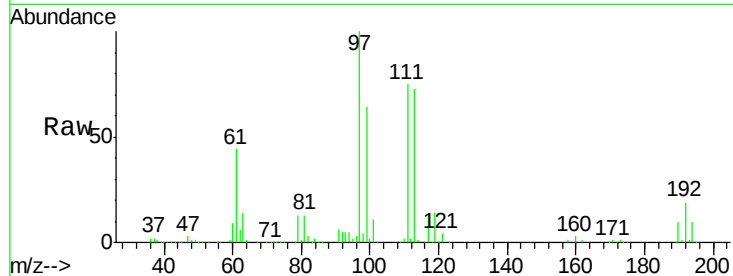




#35
 Dibromofluoromethane
 Concen: 52.14 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

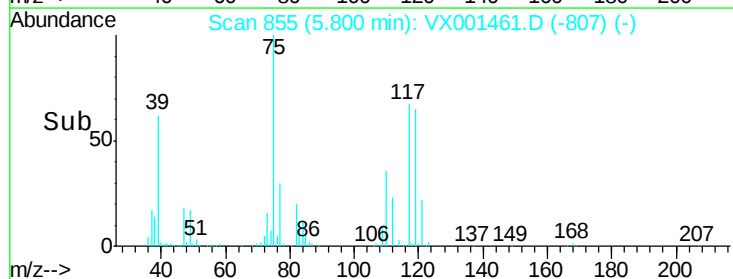
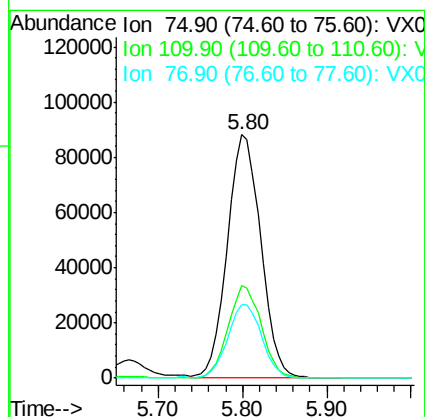
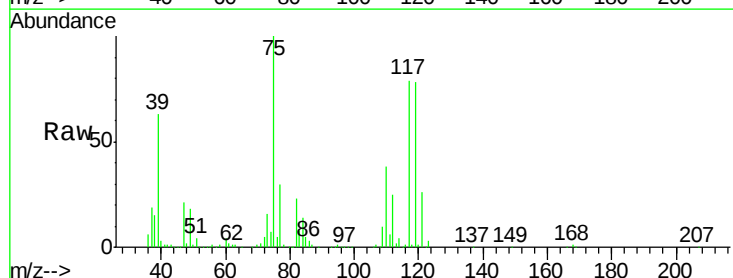
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

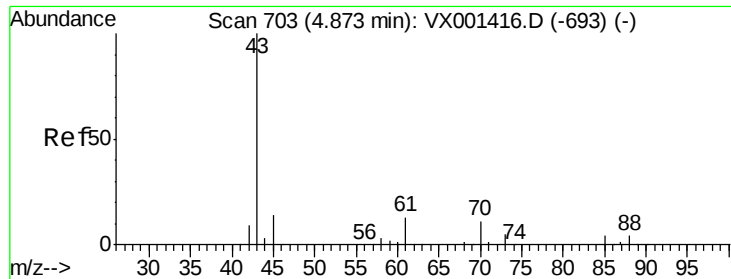
Tgt Ion:113 Resp: 177516
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 26.6 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 48.77 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 75 Resp: 237436
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.9 56.7
 77 30.9 24.9 37.3

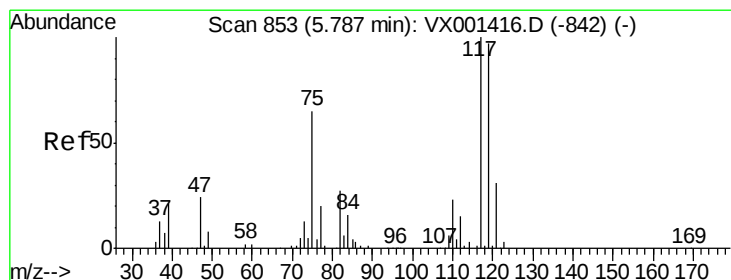
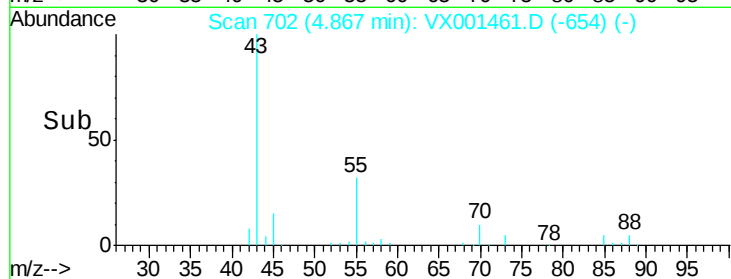
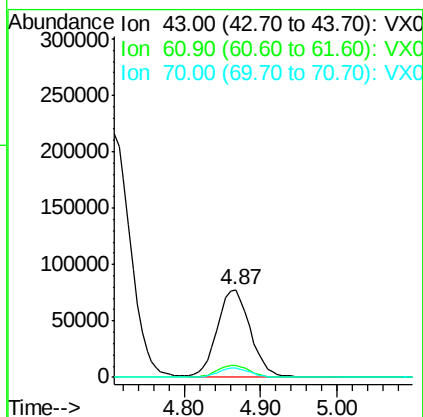
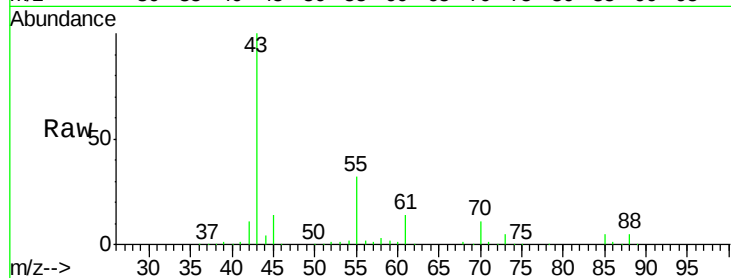




#37
 Ethyl Acetate
 Concen: 43.45 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

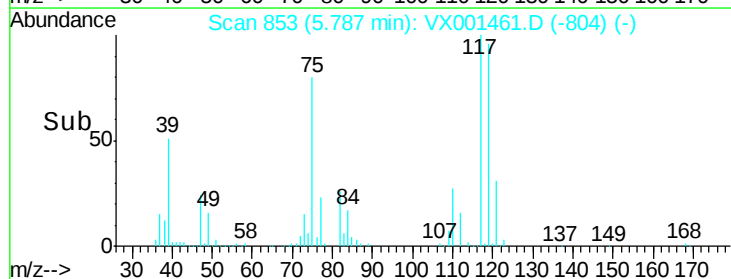
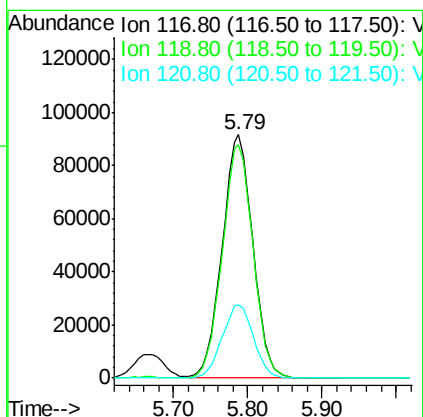
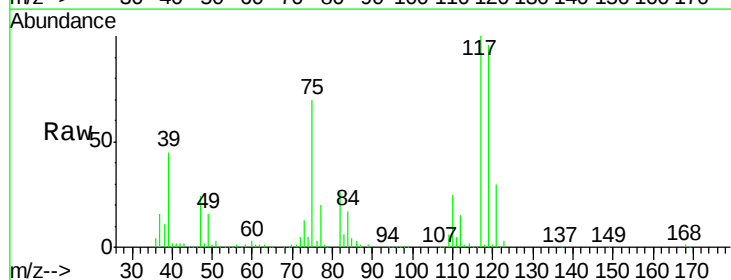
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

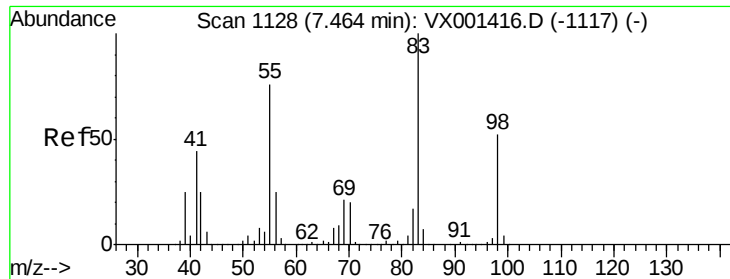
Tgt Ion: 43 Resp: 231915
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.7 16.1
 70 10.7 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 50.69 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 117 Resp: 263249
 Ion Ratio Lower Upper
 117 100
 119 95.9 77.0 115.6
 121 30.4 25.1 37.7

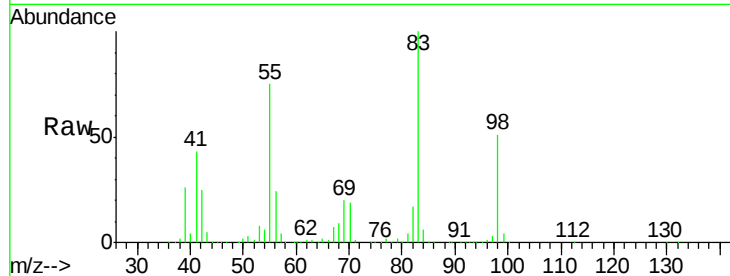




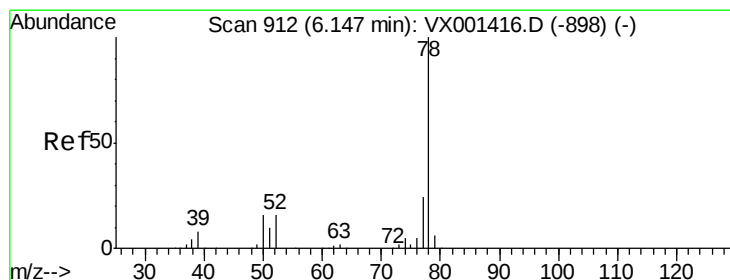
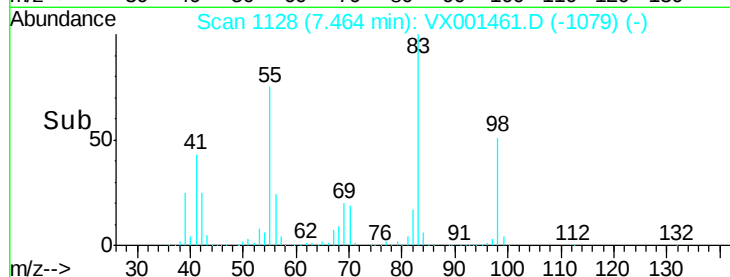
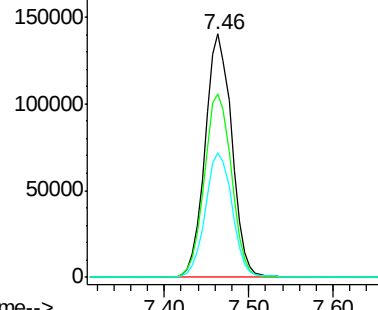
#39
Methylcyclohexane
Concen: 52.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.5	60.9	91.3
98	50.9	41.9	62.9

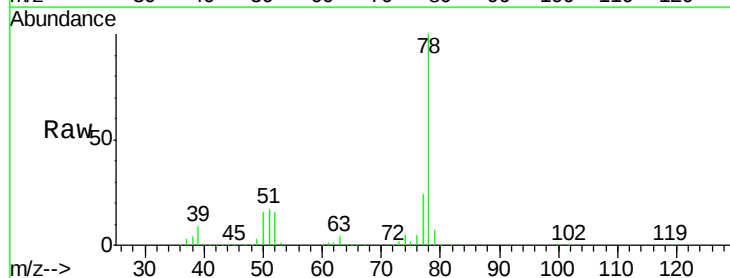


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

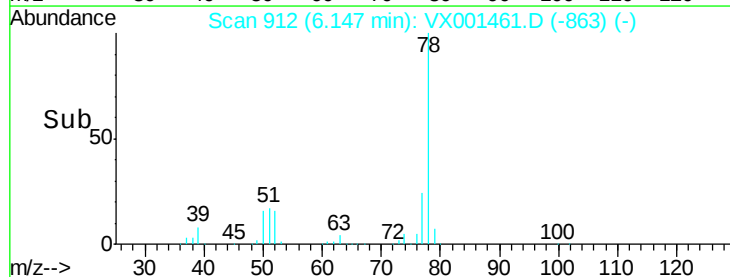
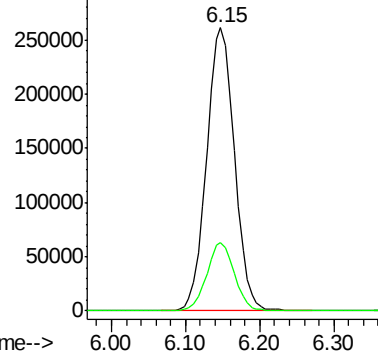


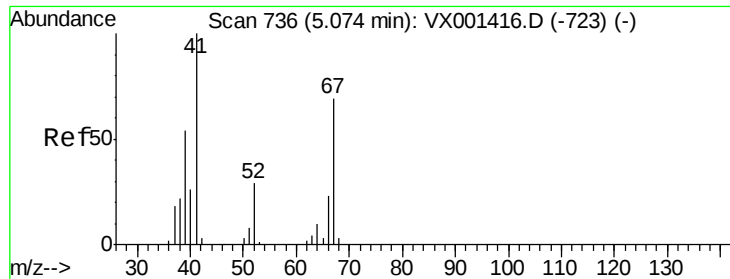
#40
Benzene
Concen: 48.37 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2



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





#41

Methacrylonitrile

Concen: 44.52 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 135951

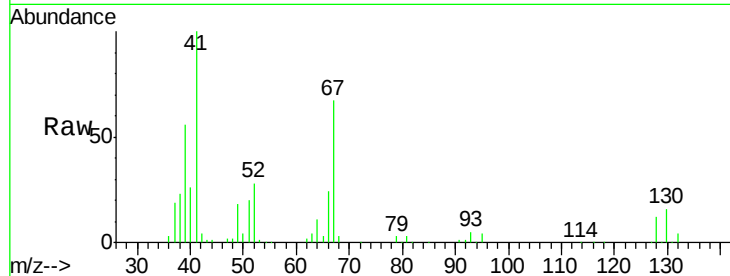
Ion Ratio Lower Upper

41 100

39 56.2 45.0 67.6

67 67.0 55.0 82.6

52 28.3 23.4 35.0

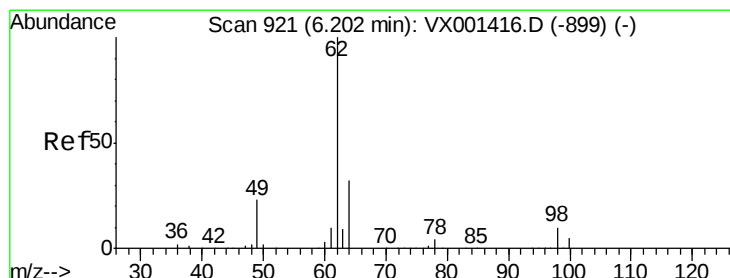
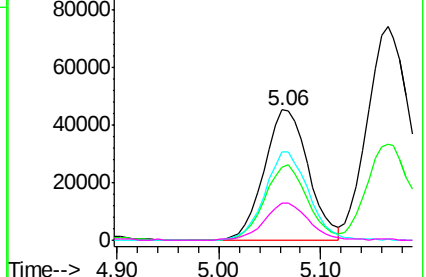
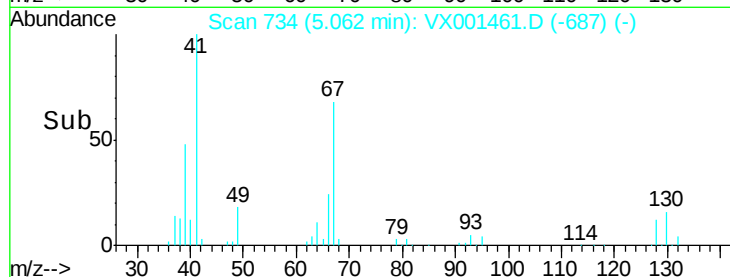


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.80 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX001461.D

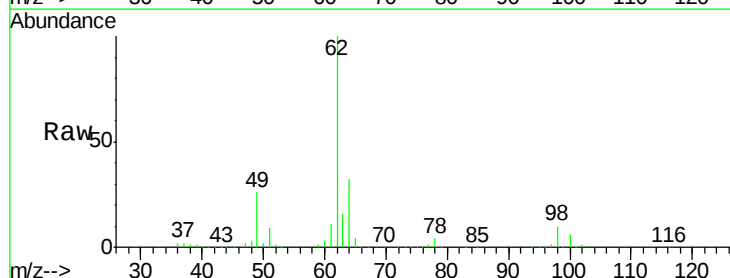
Acq: 07 May 2018 11:25

Tgt Ion: 62 Resp: 261271

Ion Ratio Lower Upper

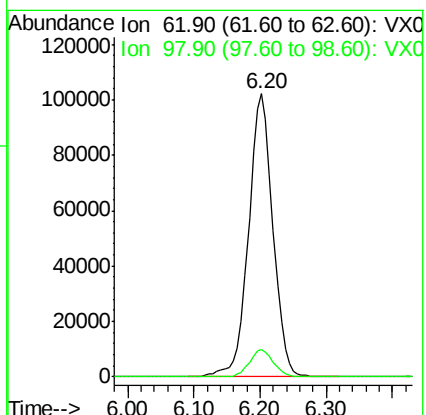
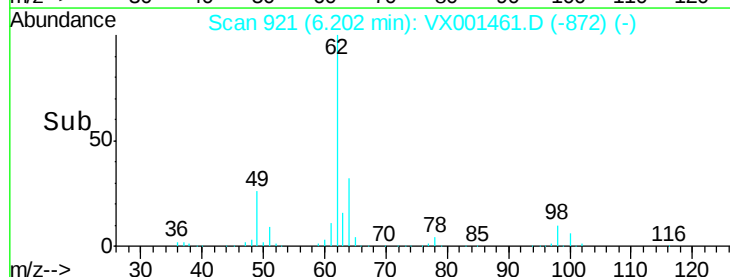
62 100

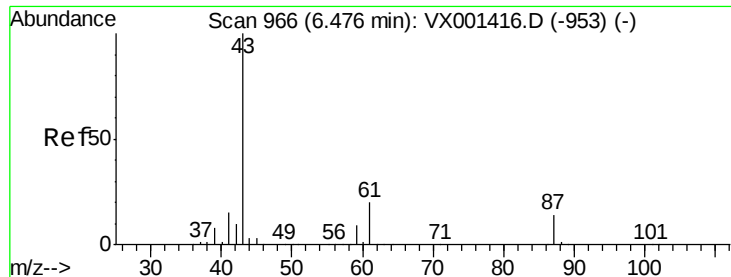
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



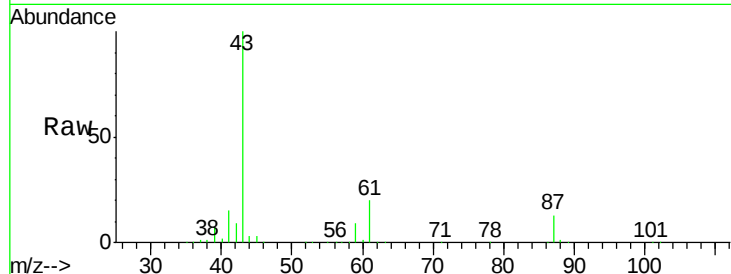


#43

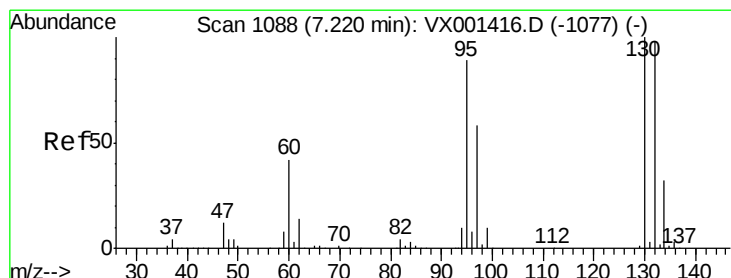
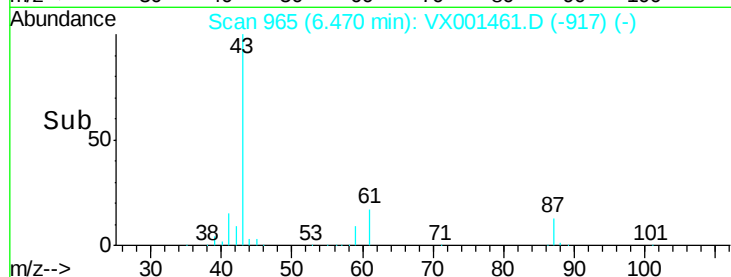
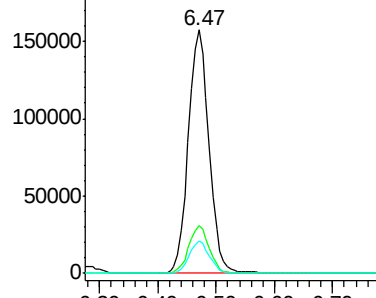
Isopropyl Acetate
 Concen: 46.87 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 384028
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.4 23.0
 87 13.2 10.8 16.2



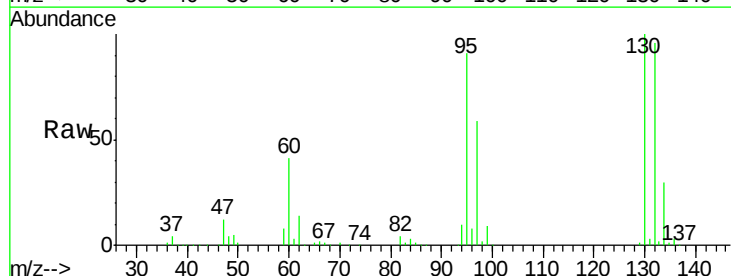
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



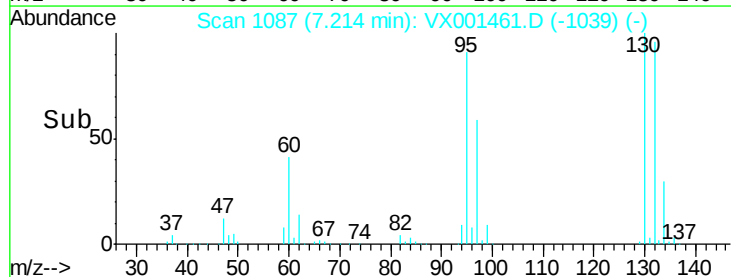
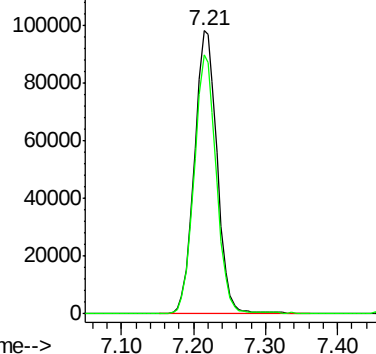
#44

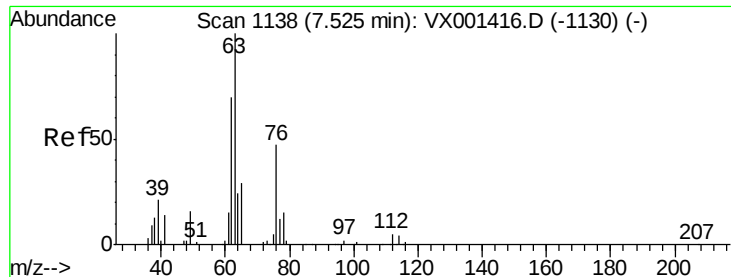
Trichloroethene
 Concen: 49.61 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 130 Resp: 215650
 Ion Ratio Lower Upper
 130 100
 95 91.3 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.57 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

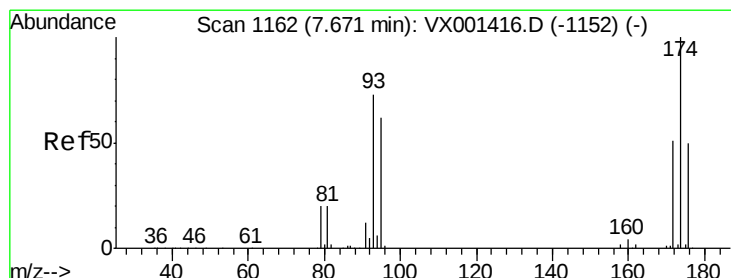
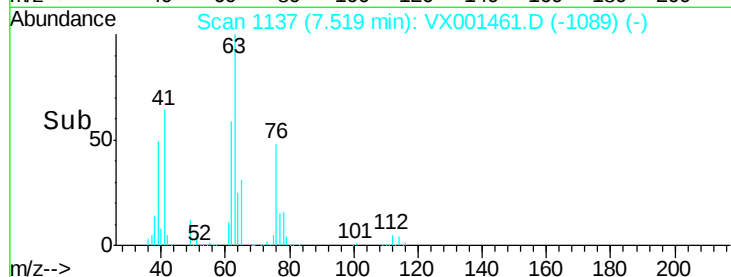
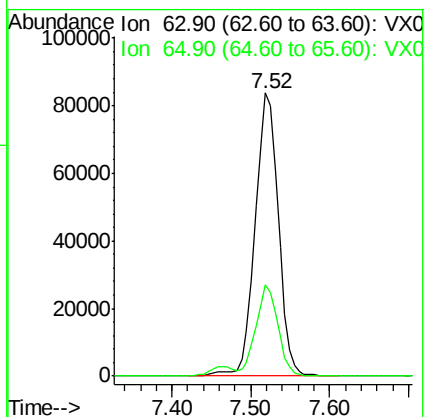
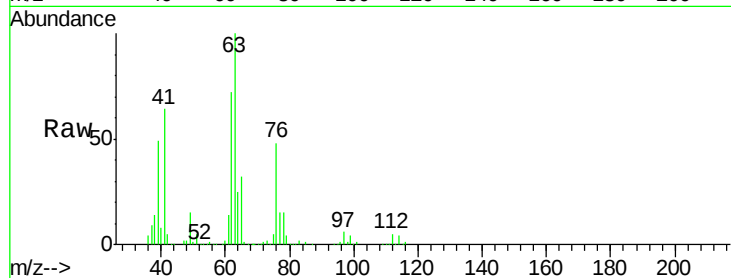
VSTDCCC050

Tgt Ion: 63 Resp: 172207

Ion Ratio Lower Upper

63 100

65 32.3 24.5 36.7



#46

Dibromomethane

Concen: 47.36 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

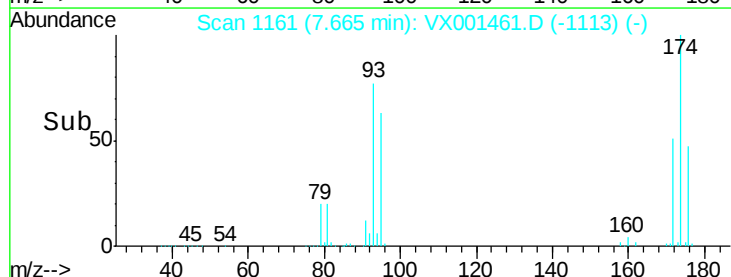
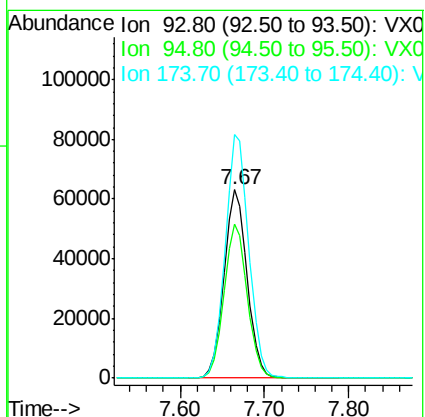
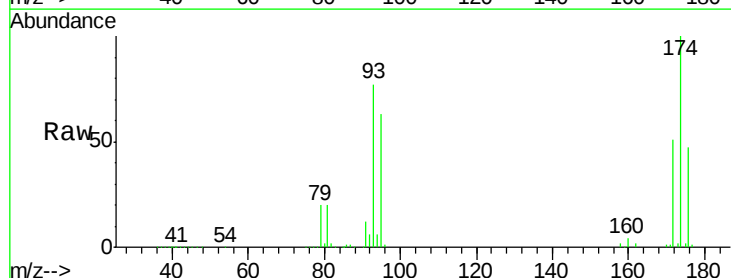
Tgt Ion: 93 Resp: 118877

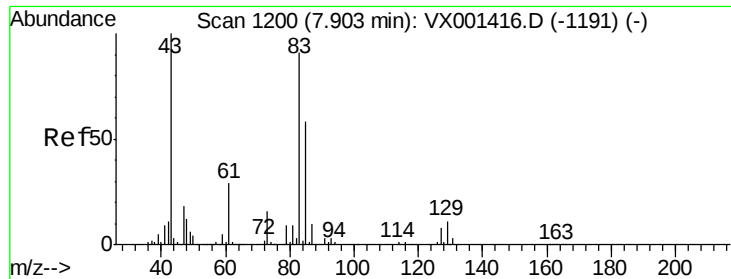
Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.4

174 130.9 104.5 156.7





#47

Bromodichloromethane

Concen: 50.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

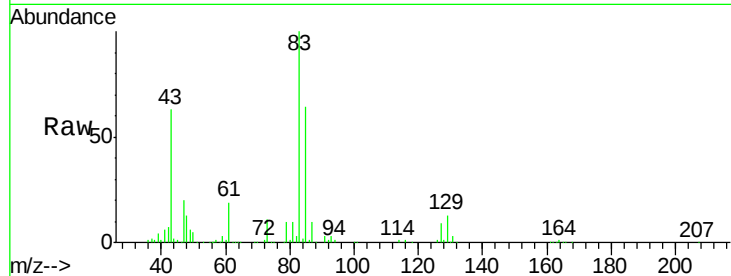
Tgt Ion: 83 Resp: 233067

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

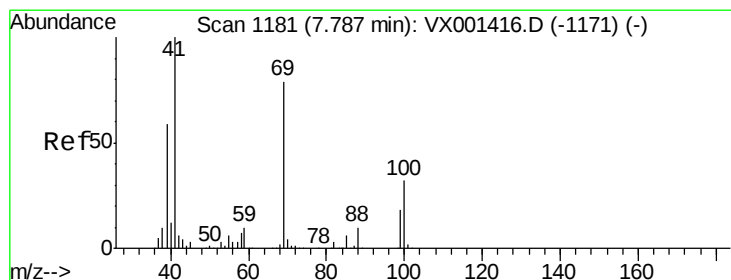
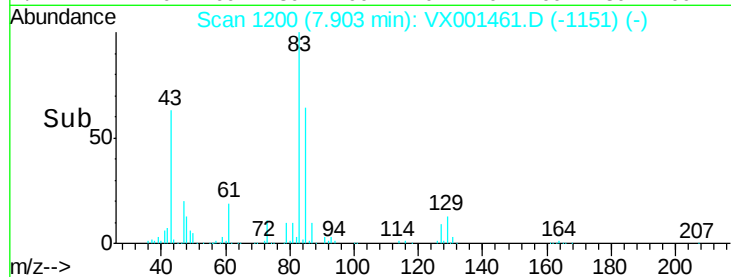
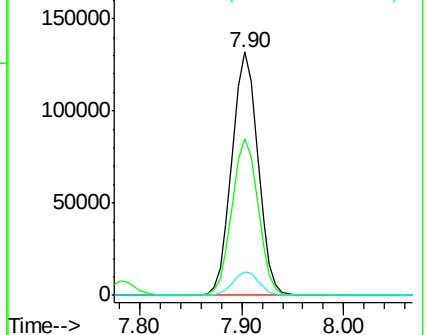
127 9.5 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.46 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

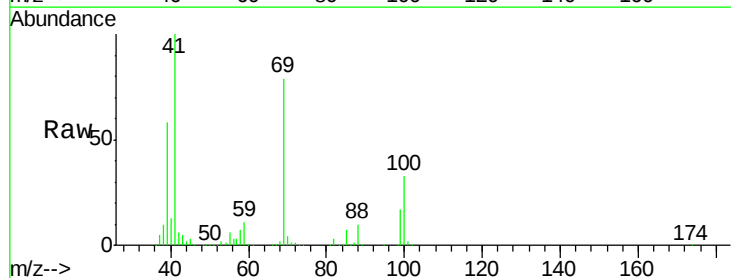
Tgt Ion: 41 Resp: 207297

Ion Ratio Lower Upper

41 100

69 80.2 63.4 95.2

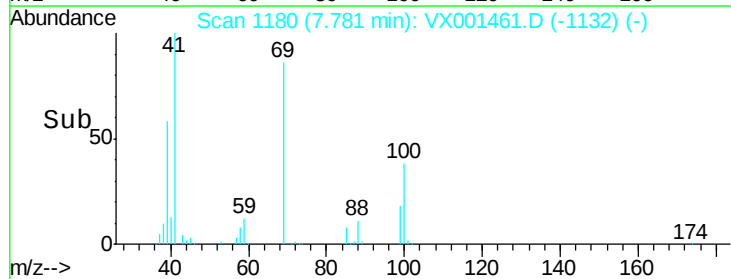
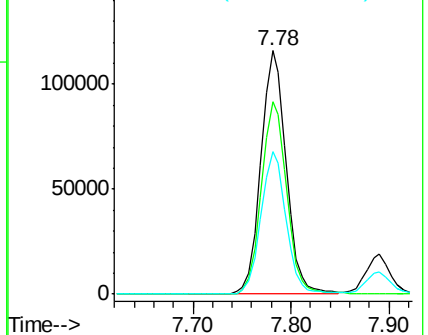
39 58.3 47.0 70.4

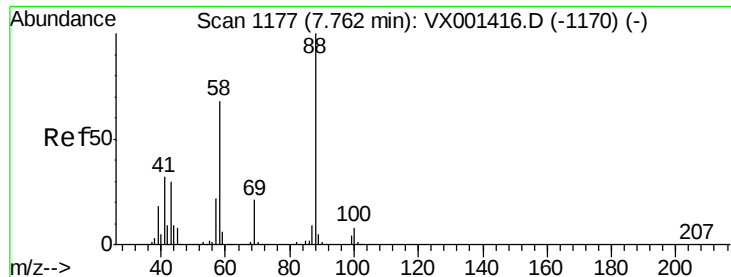


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

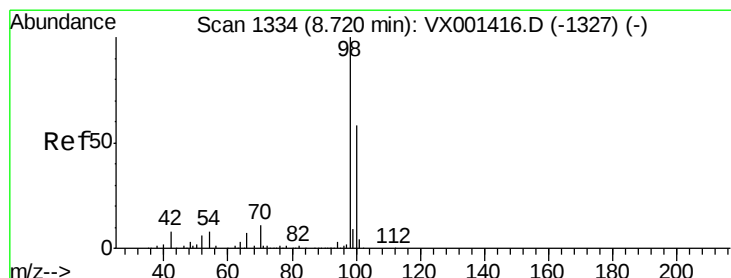
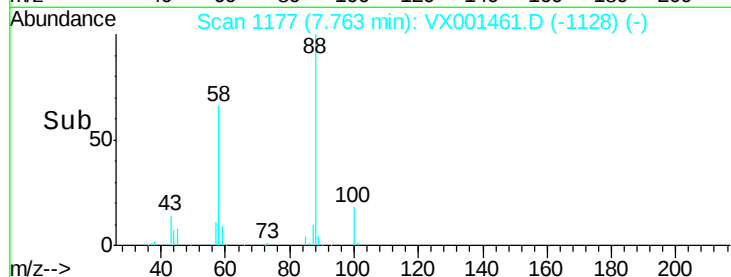
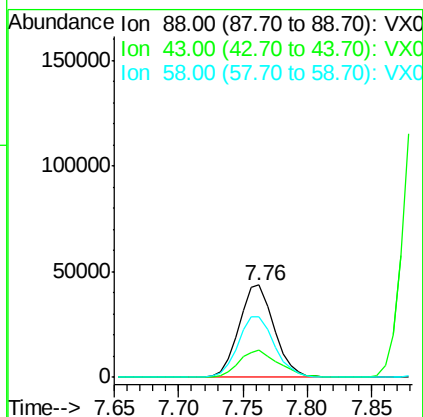
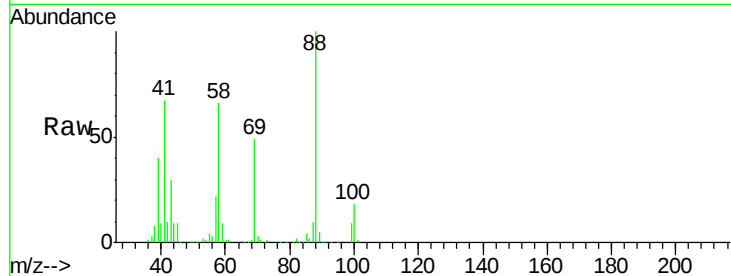




#49
 1,4-Dioxane
 Concen: 856.94 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

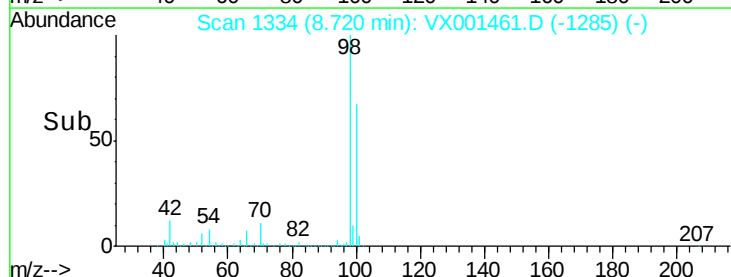
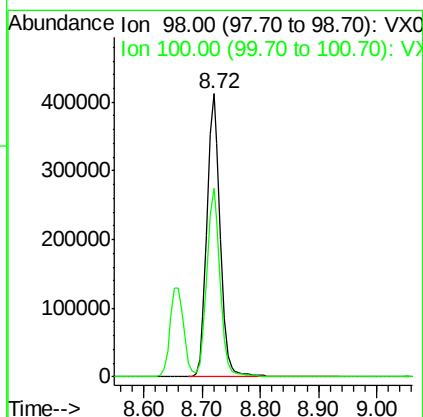
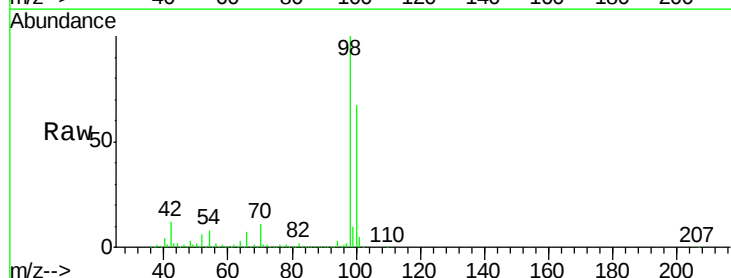
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 82599
 Ion Ratio Lower Upper
 88 100
 43 33.7 26.4 39.6
 58 69.2 54.1 81.1



#50
 Toluene-d8
 Concen: 53.08 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 98 Resp: 659677
 Ion Ratio Lower Upper
 98 100
 100 66.9 54.0 81.0

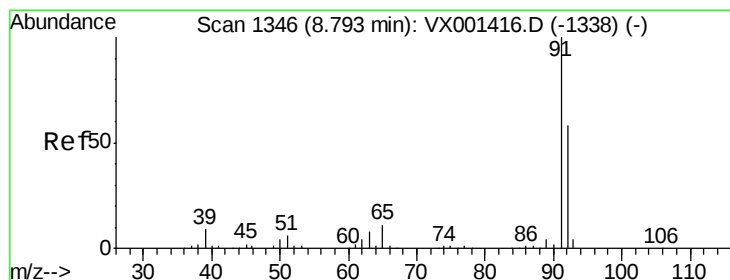
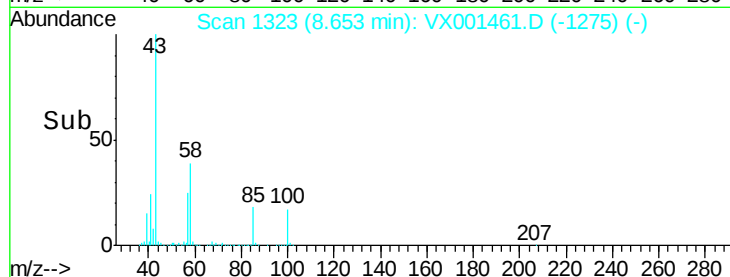
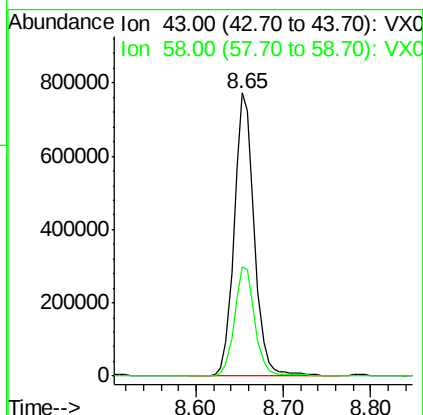
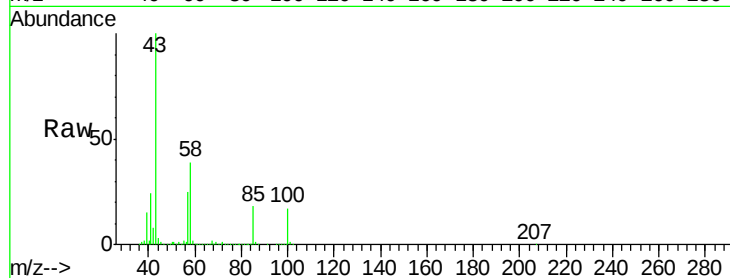




#51
 4-Methyl-2-Pentanone
 Concen: 228.17 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

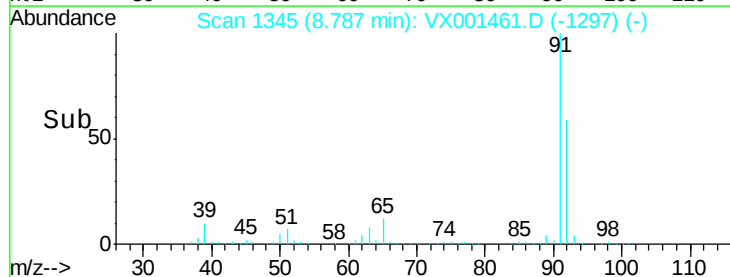
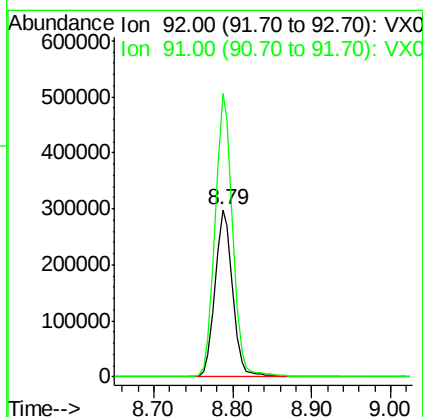
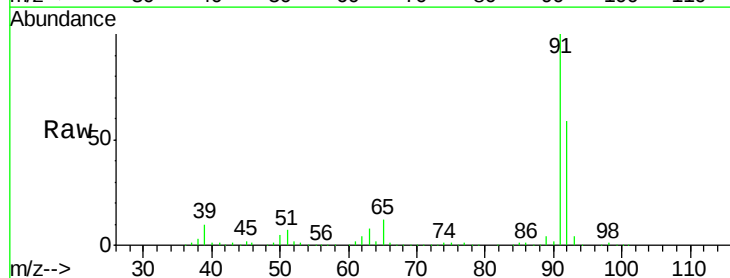
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

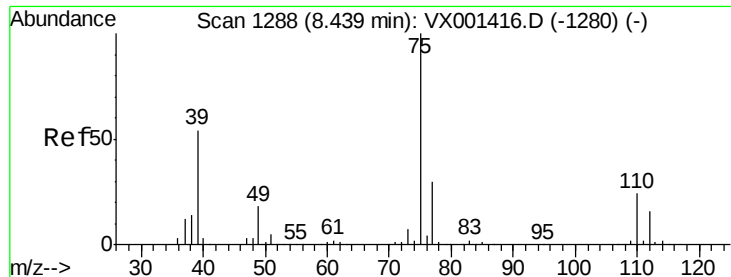
Tgt Ion: 43 Resp: 1242302
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.8 46.2



#52
 Toluene
 Concen: 50.05 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 92 Resp: 465457
 Ion Ratio Lower Upper
 92 100
 91 169.8 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 53.11 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

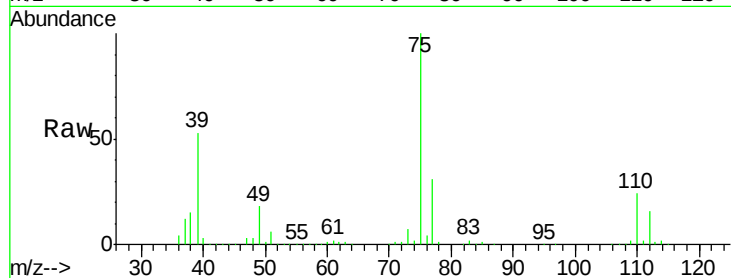
VSTDCCC050

Tgt Ion: 75 Resp: 278814

Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

200000

150000

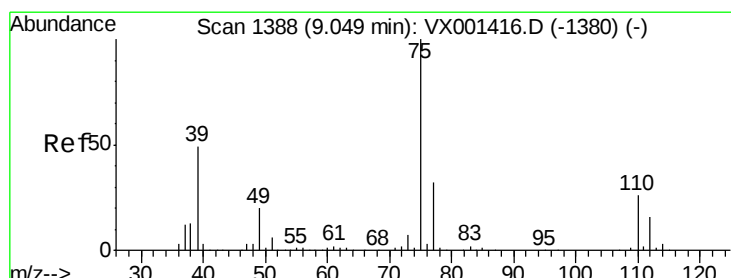
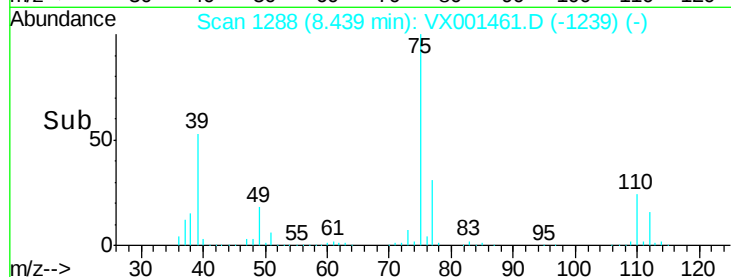
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.77 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

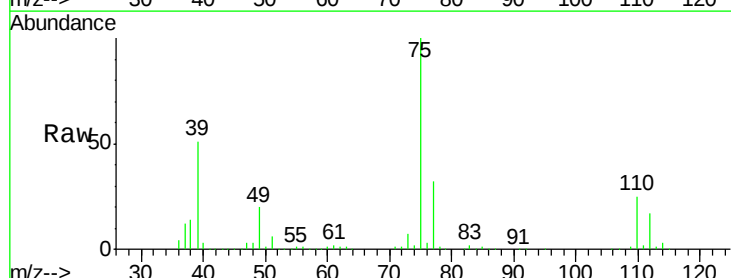
Tgt Ion: 75 Resp: 258694

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 50.6 38.9 58.3



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

250000

200000

150000

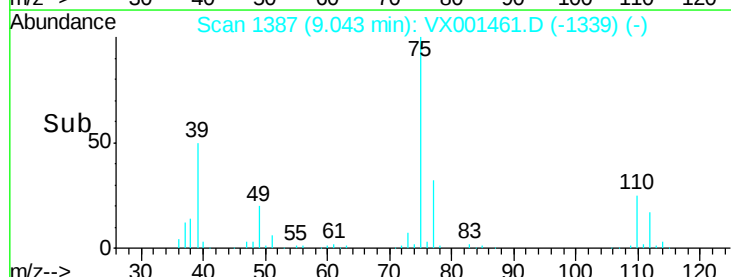
100000

50000

0

9.00 9.10 9.20

Time-->

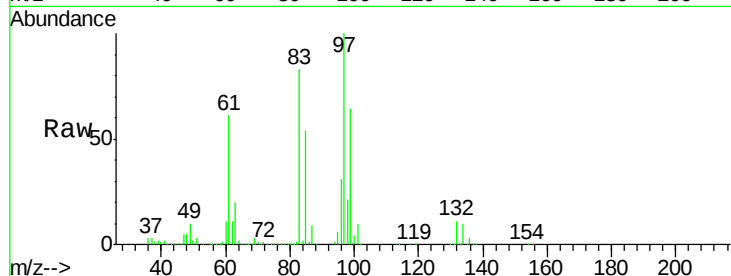




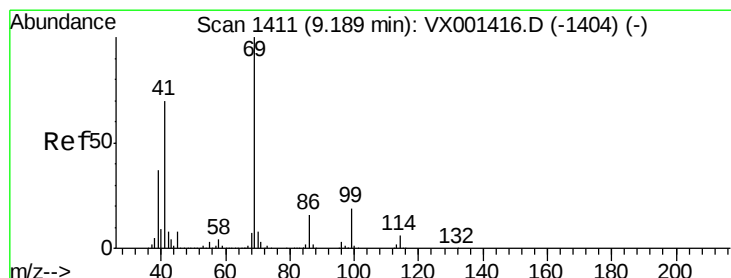
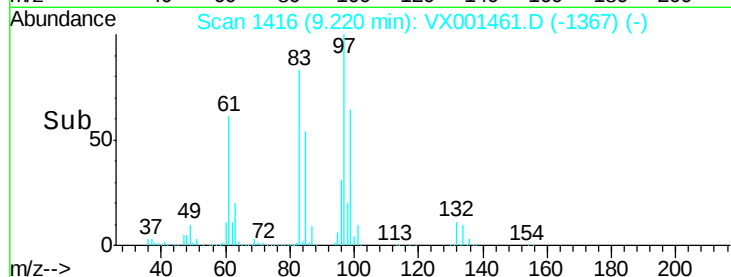
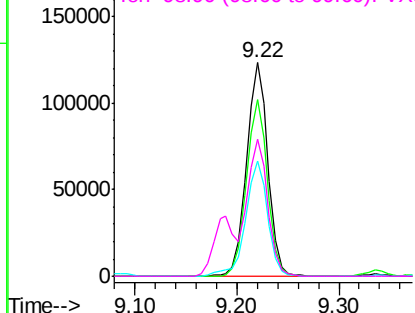
#55
 1,1,2-Trichloroethane
 Concen: 47.67 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	178590
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.0
85	54.0	43.3	64.9
99	64.3	52.5	78.7

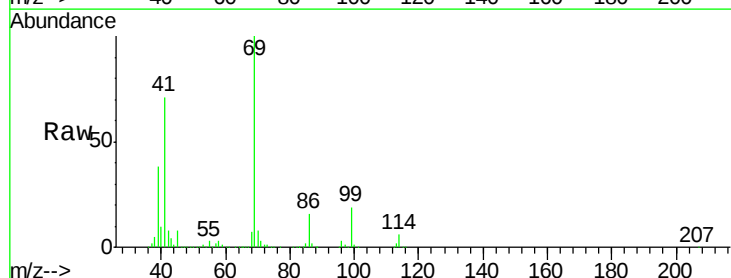


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

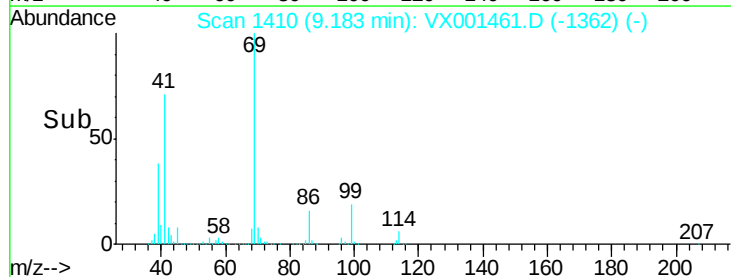
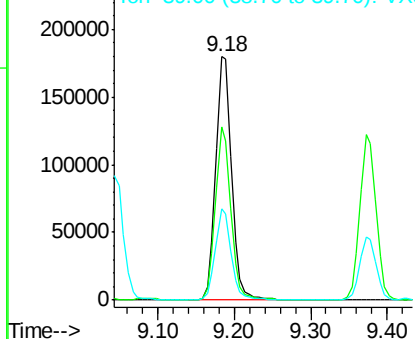


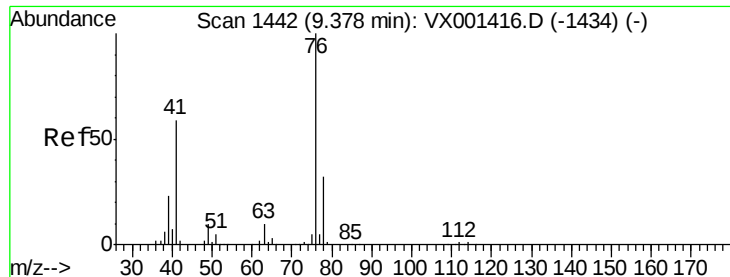
#56
 Ethyl methacrylate
 Concen: 48.35 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion:	69	Resp:	261128
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.1	82.7
39	37.3	29.9	44.9



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

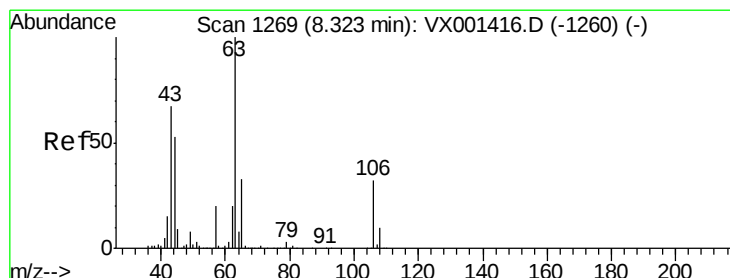
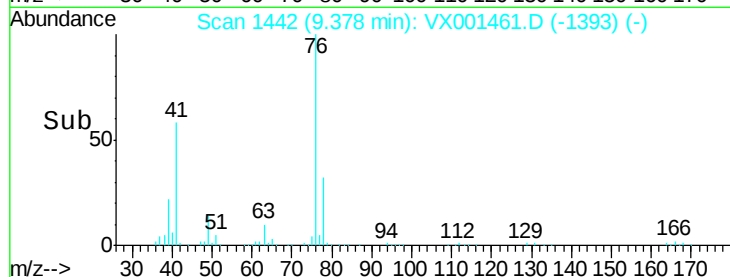
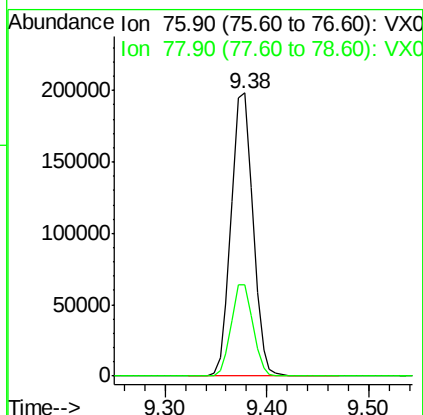
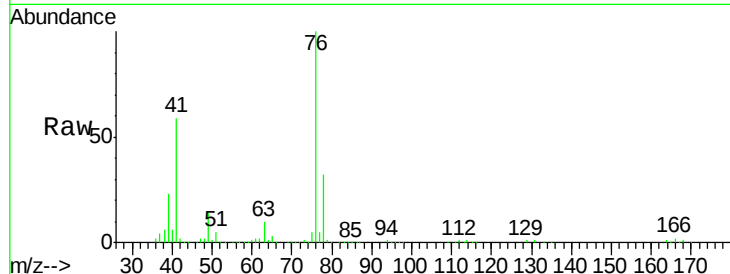




#57
 1,3-Dichloropropane
 Concen: 47.27 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

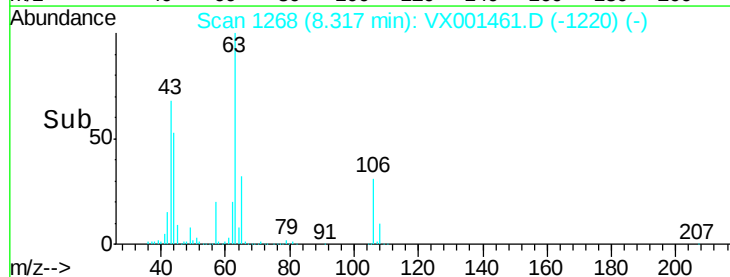
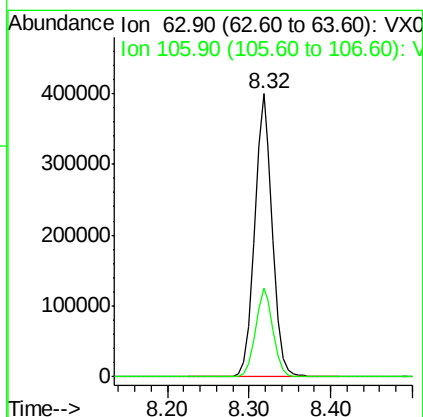
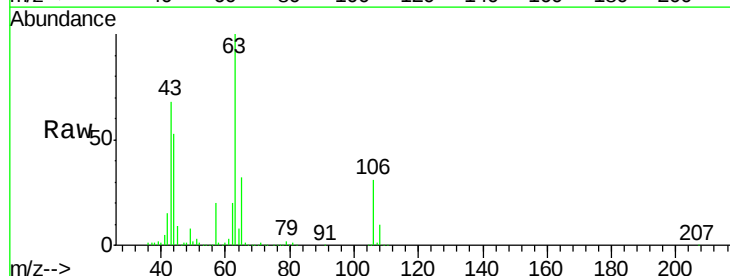
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 292832
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 228.37 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion: 63 Resp: 604911
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.4 38.0

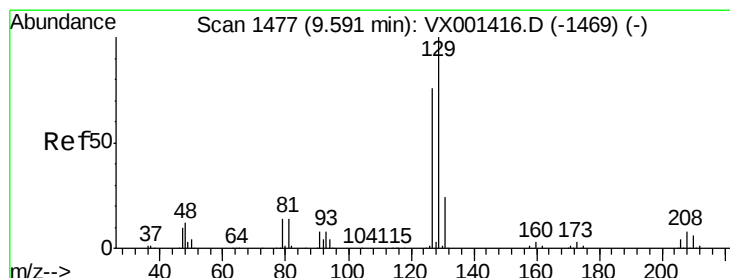
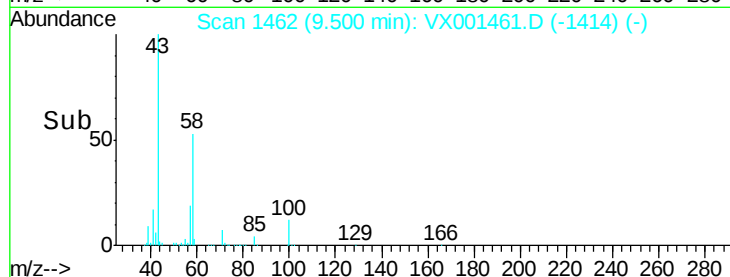
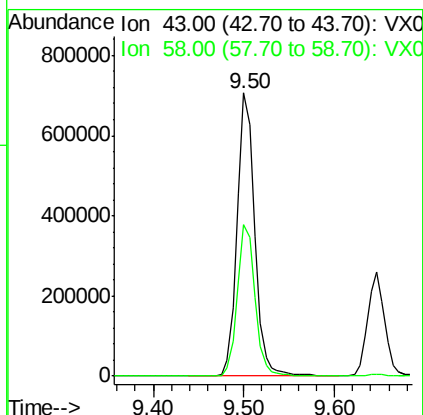
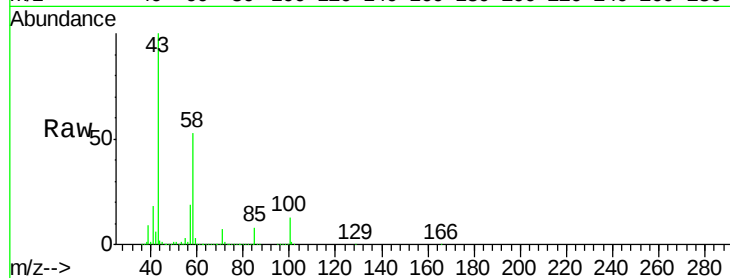




#59
2-Hexanone
Concen: 228.36 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

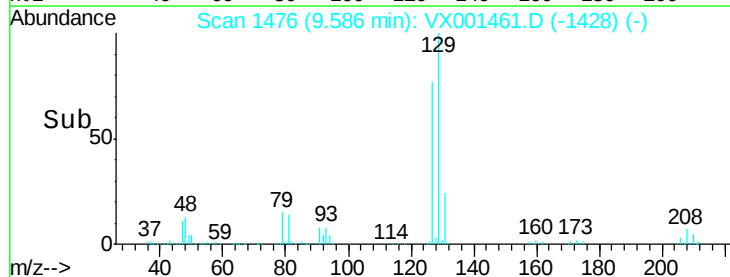
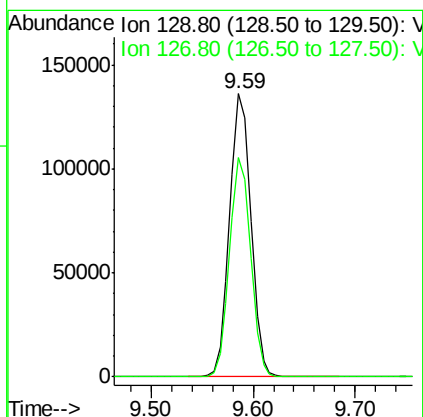
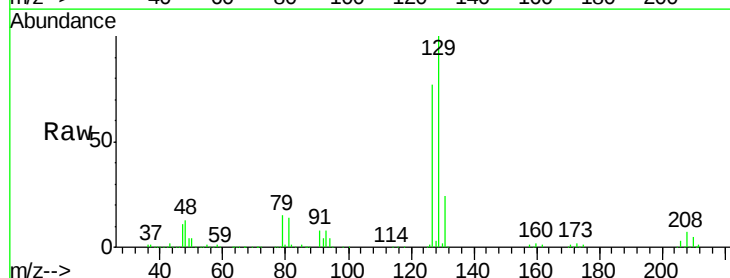
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

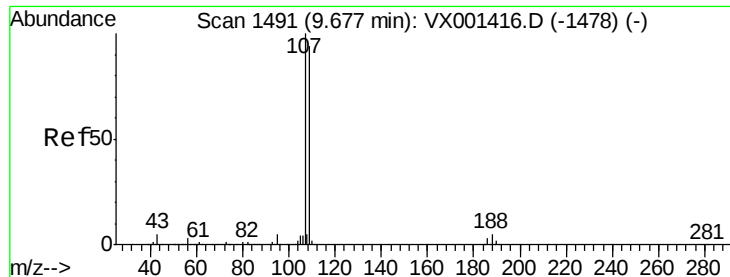
Tgt Ion: 43 Resp: 952102
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.2



#60
Dibromochloromethane
Concen: 51.29 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 129 Resp: 196767
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.47 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

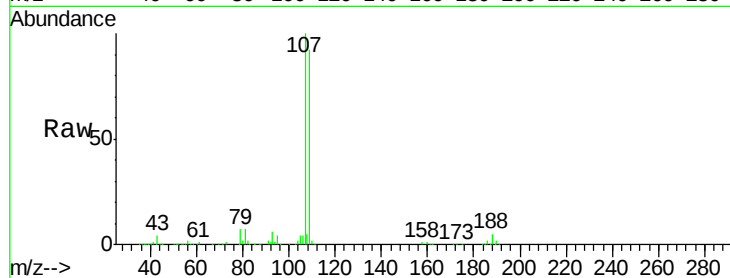
VSTDCCC050

Tgt Ion: 107 Resp: 190644

Ion Ratio Lower Upper

107 100

109 93.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

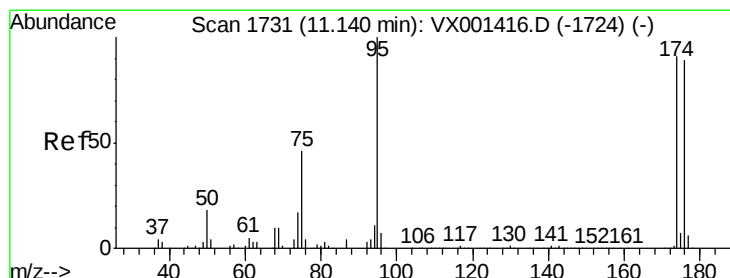
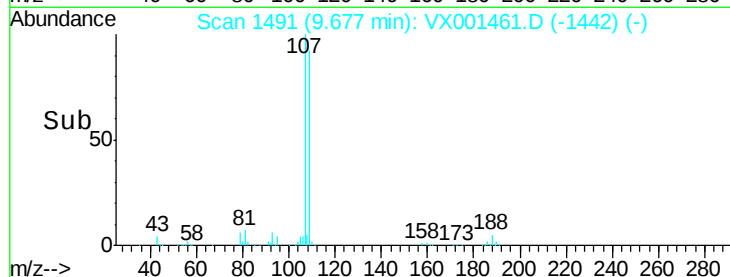
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

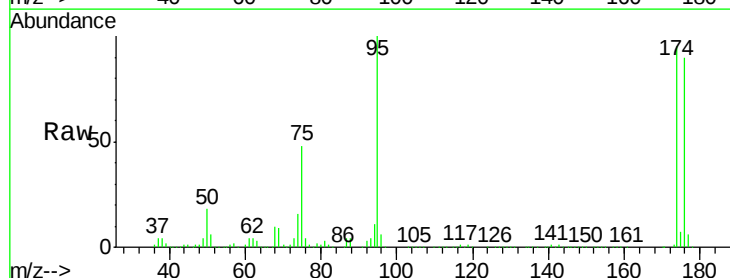
Tgt Ion: 95 Resp: 253883

Ion Ratio Lower Upper

95 100

174 100.9 0.0 202.0

176 97.8 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

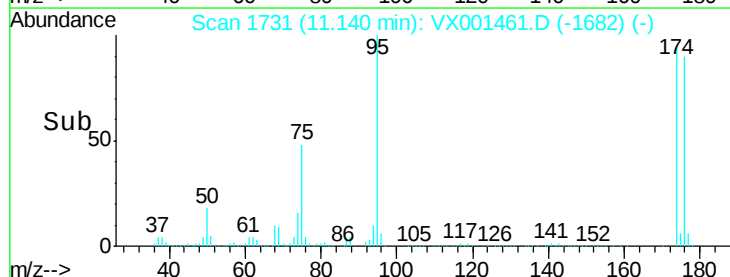
150000

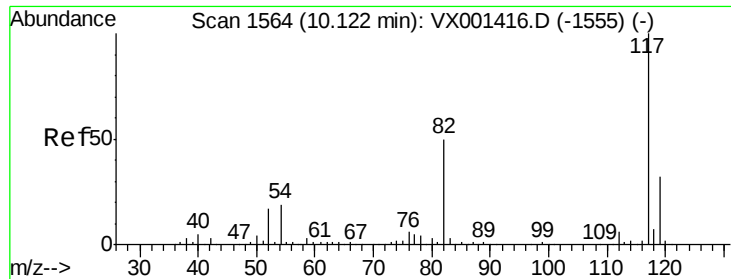
100000

50000

0

Time--> 11.10 11.20

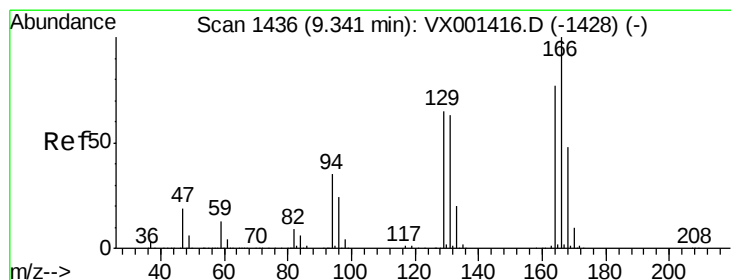
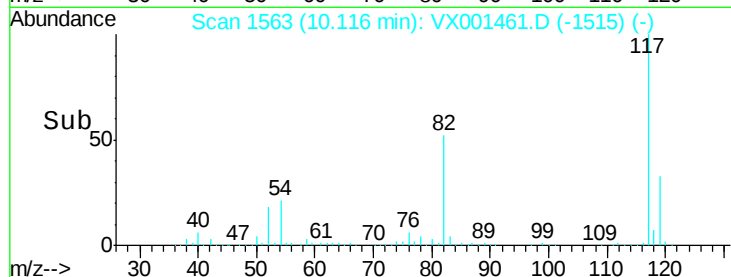
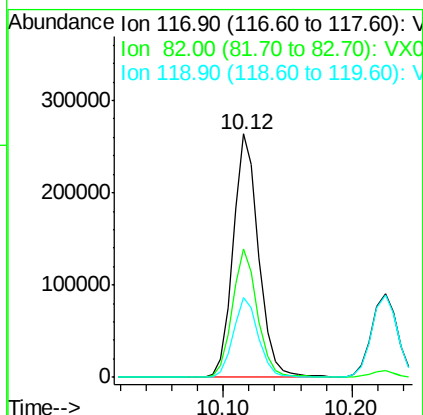
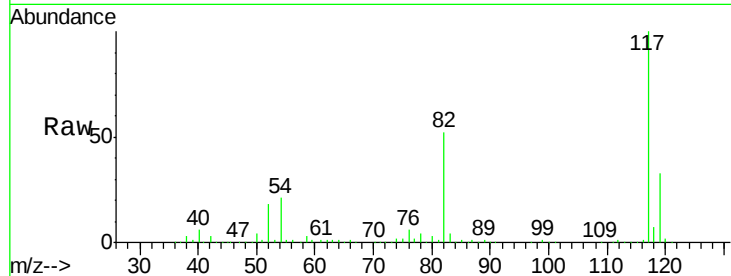




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

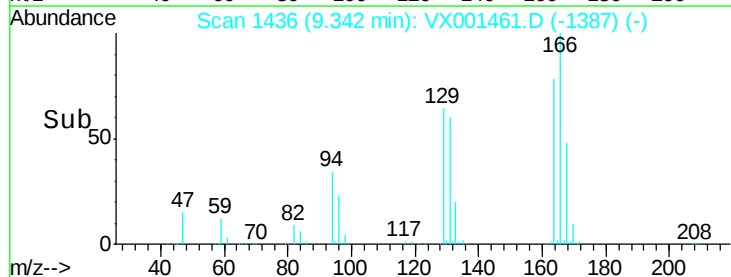
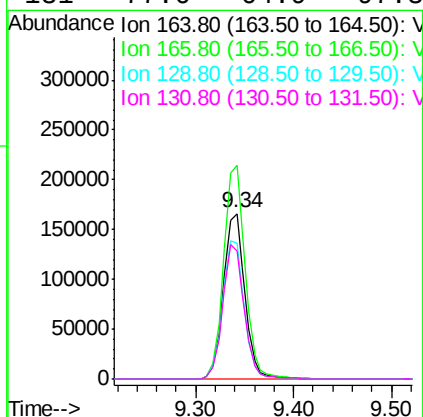
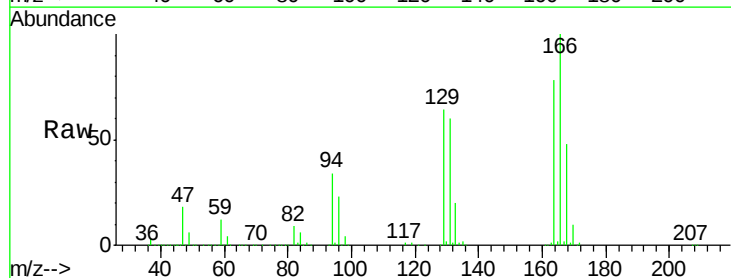
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

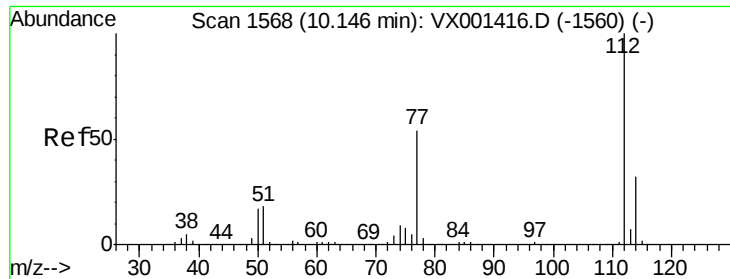
Tgt Ion:117 Resp: 363765
Ion Ratio Lower Upper
117 100
82 52.5 40.0 60.0
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 49.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:164 Resp: 253193
Ion Ratio Lower Upper
164 100
166 129.0 103.5 155.3
129 82.0 66.7 100.1
131 77.6 64.9 97.3





#65

Chlorobenzene

Concen: 49.00 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

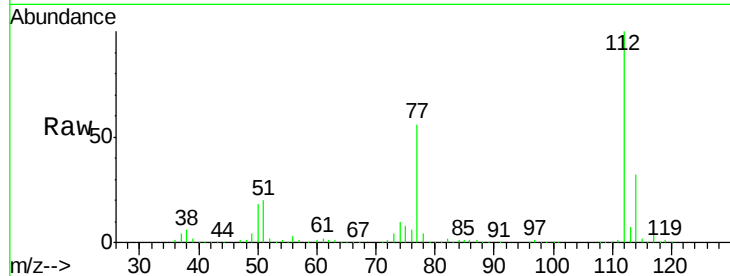
VSTDCCC050

Tgt Ion:112 Resp: 522707

Ion Ratio Lower Upper

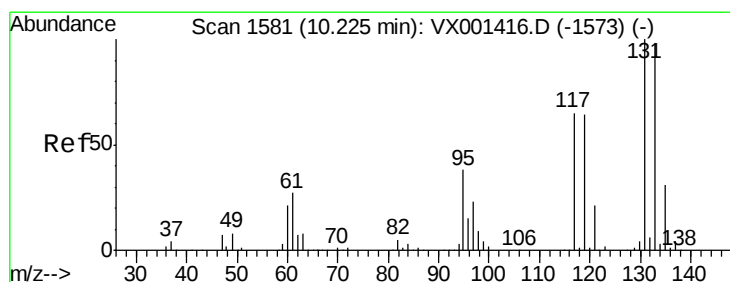
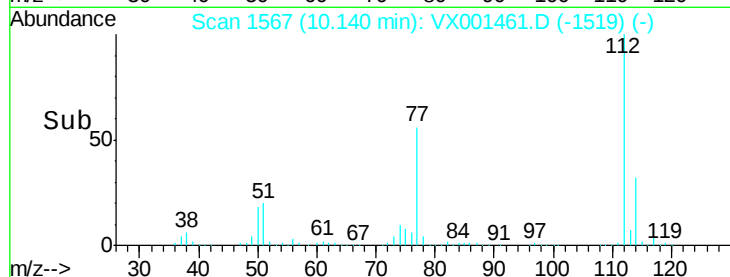
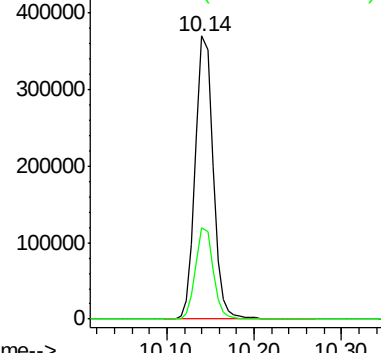
112 100

114 32.4 26.0 39.0



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: 51.14 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

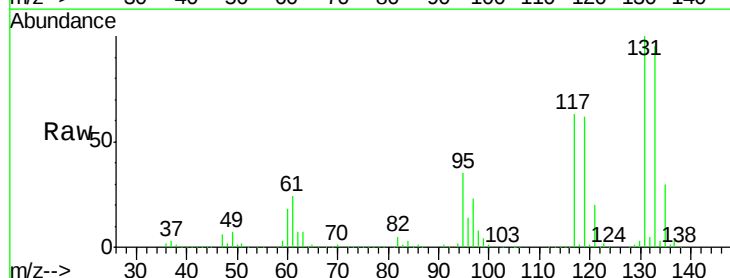
Tgt Ion:131 Resp: 195161

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.8

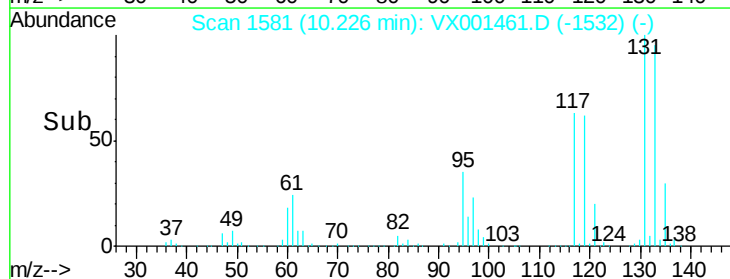
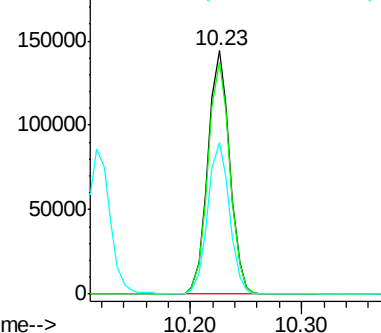
119 62.4 31.1 93.3

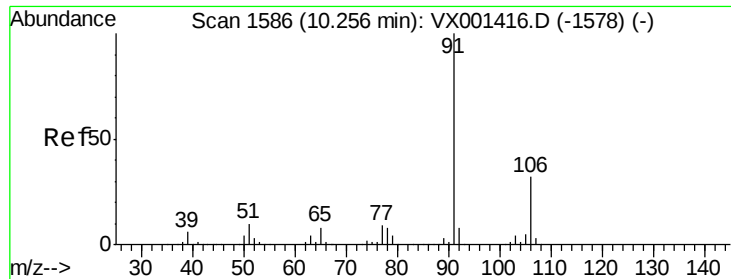


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

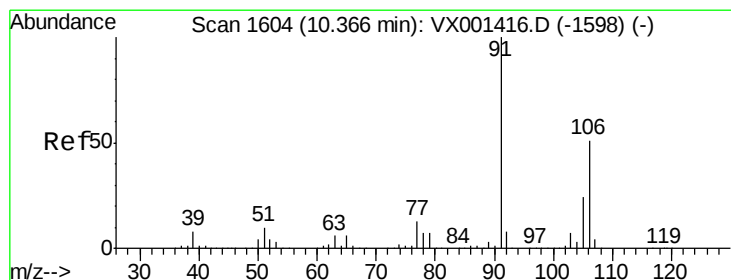
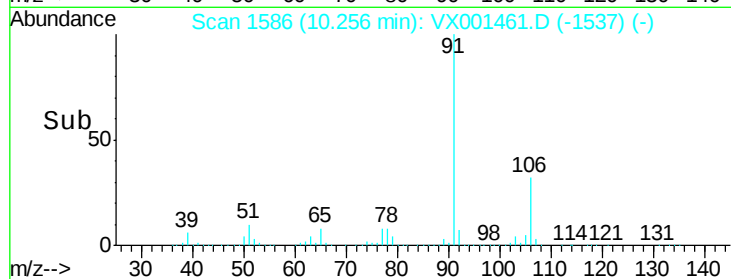
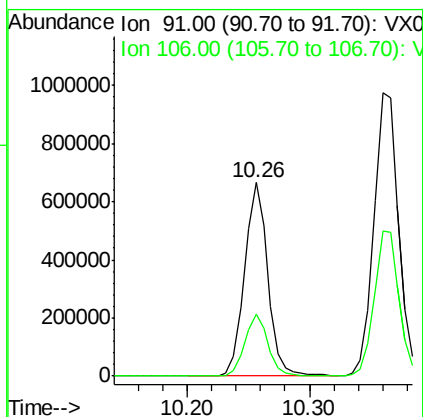
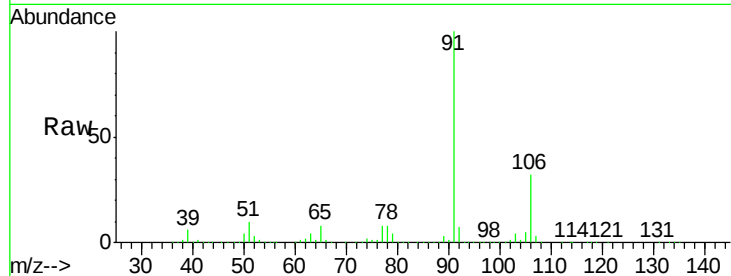




#67
Ethyl Benzene
Concen: 50.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

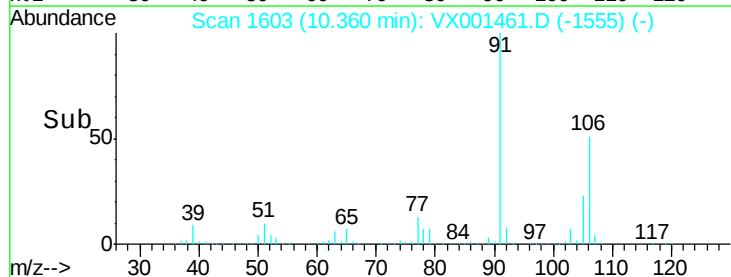
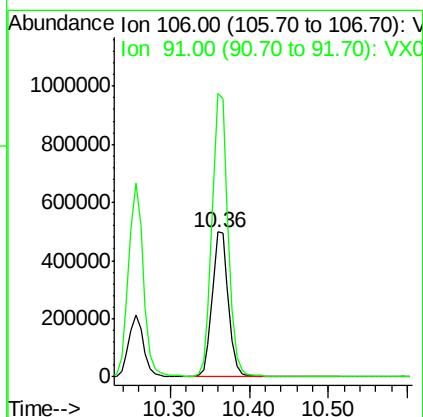
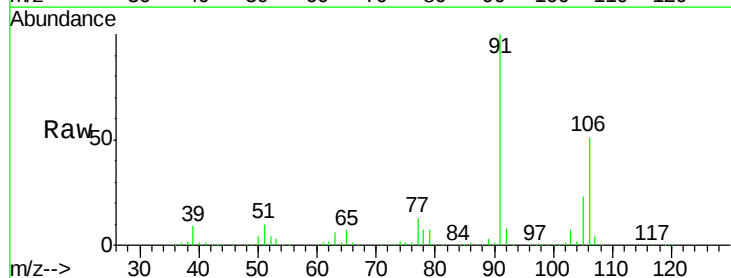
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

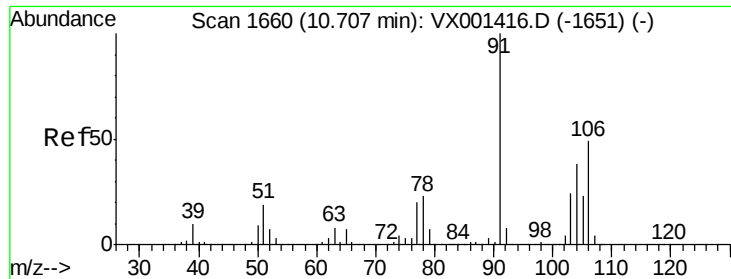
Tgt Ion: 91 Resp: 876421
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 102.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion: 106 Resp: 711151
Ion Ratio Lower Upper
106 100
91 194.6 157.5 236.3

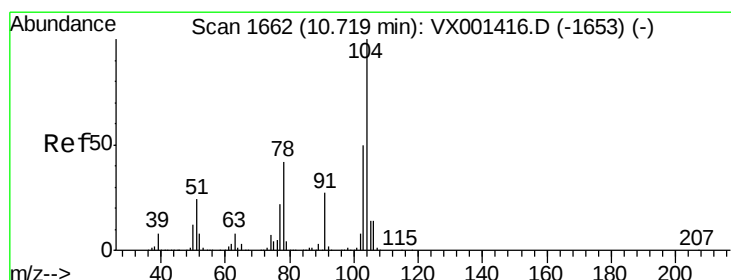
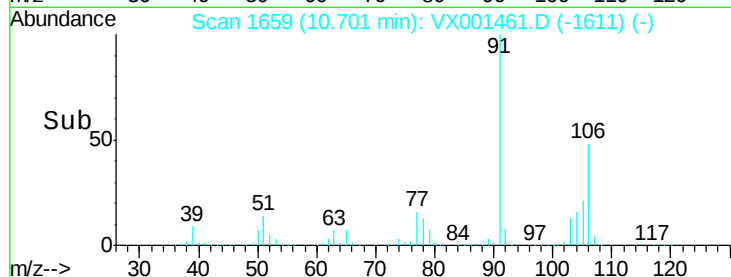
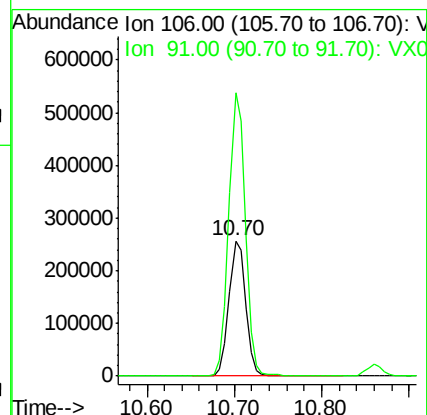
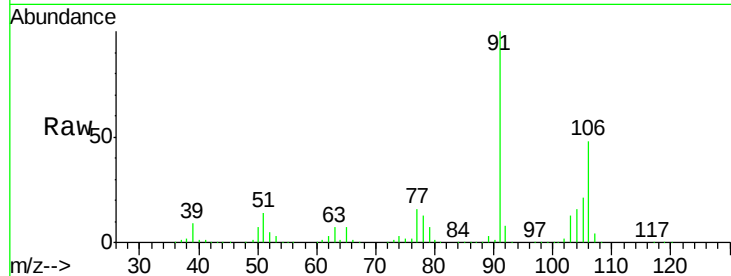




#69
o-Xylene
Concen: 50.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

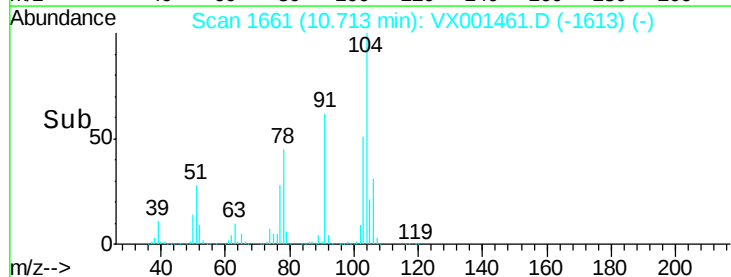
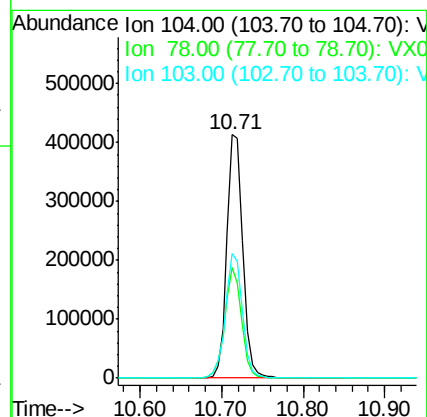
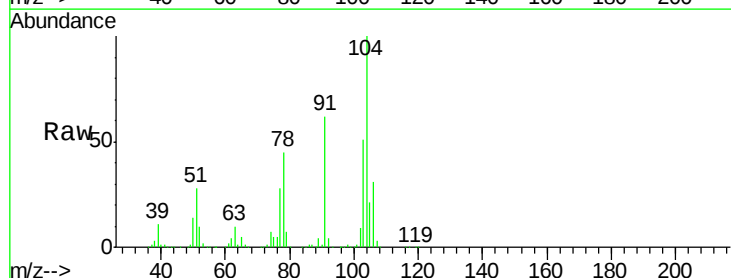
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

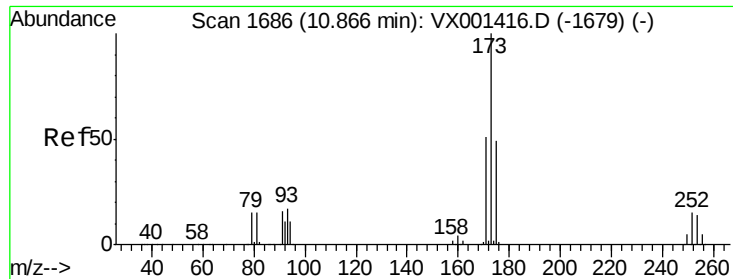
Tgt Ion:106 Resp: 340021
Ion Ratio Lower Upper
106 100
91 207.1 103.1 309.1



#70
Styrene
Concen: 51.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:104 Resp: 563188
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 54.6 44.0 66.0

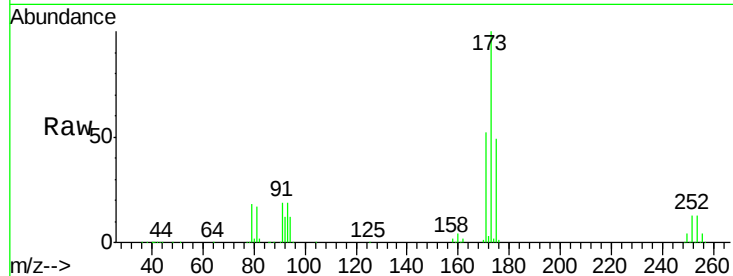




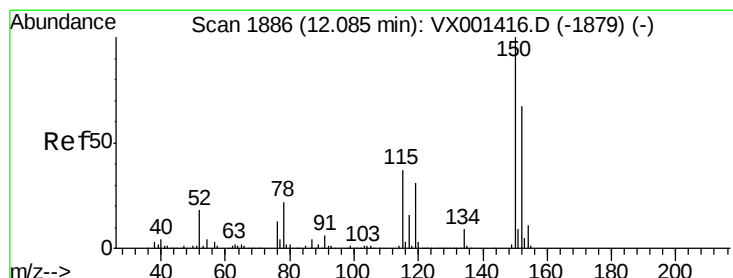
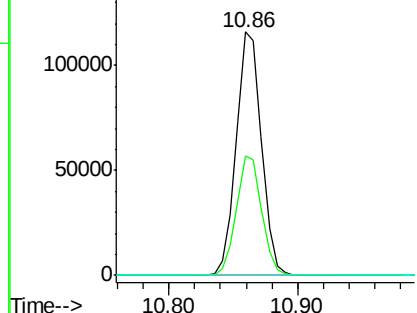
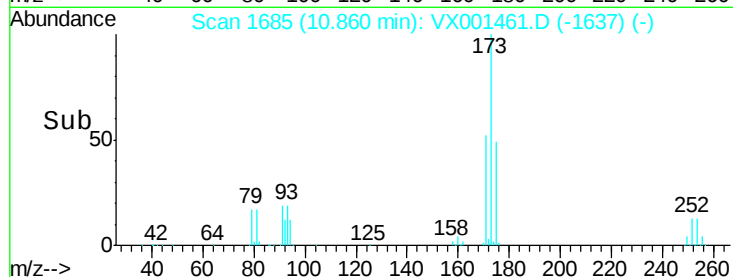
#71
Bromoform
Concen: 43.68 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 158538
Ion Ratio Lower Upper
173 100
175 49.1 24.5 73.5
254 0.2 0.2 0.2

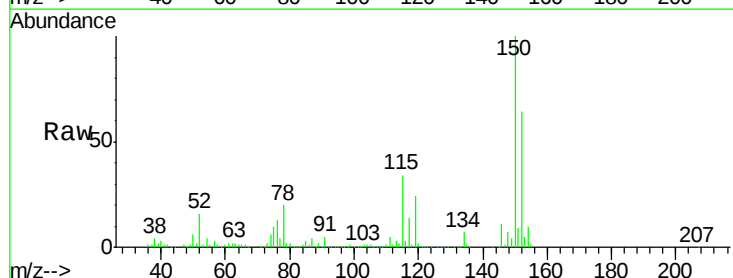


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

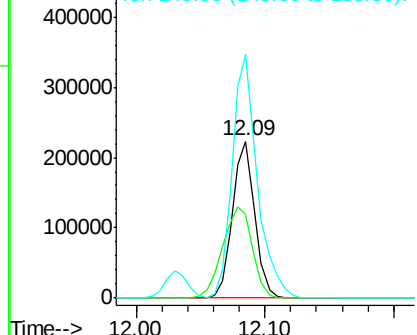
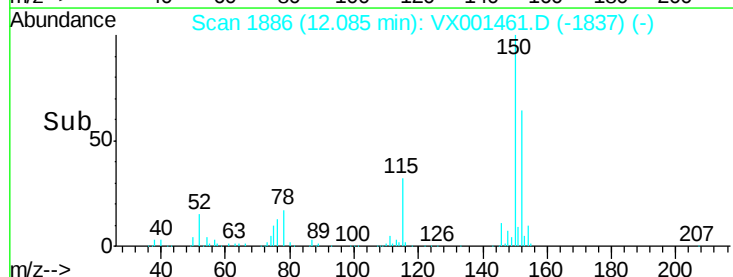


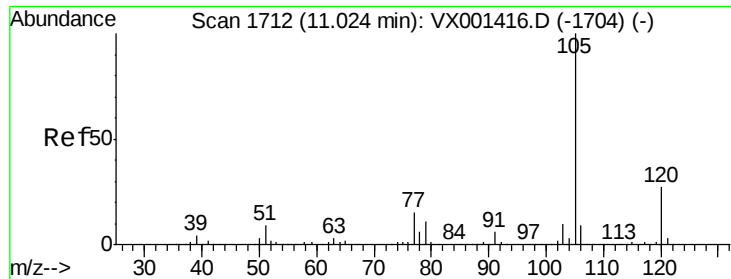
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:152 Resp: 269765
Ion Ratio Lower Upper
152 100
115 77.5 37.7 113.1
150 174.9 0.0 349.4



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





#73

Isopropylbenzene

Concen: 49.51 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

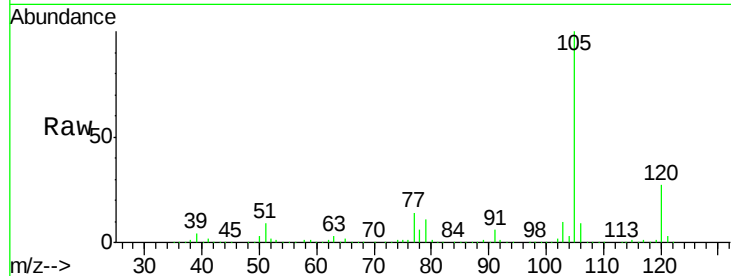
VSTDCCC050

Tgt Ion: 105 Resp: 924528

Ion Ratio Lower Upper

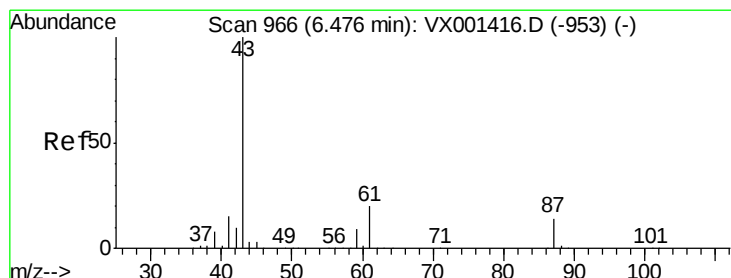
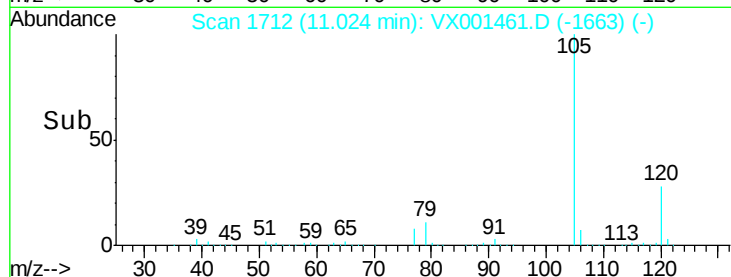
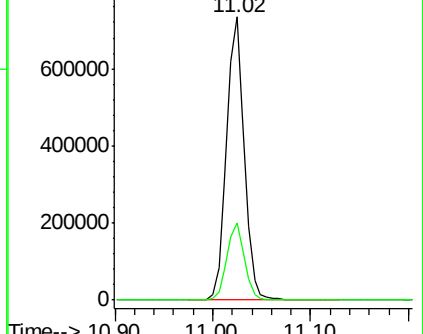
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.27 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Tgt Ion: 43 Resp: 384028

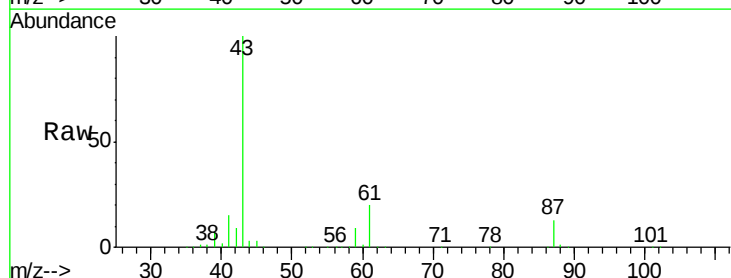
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.6 15.4 23.0

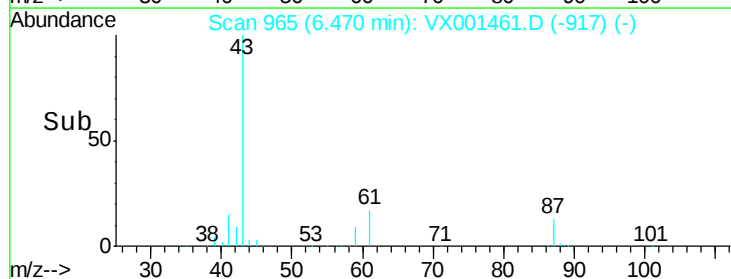
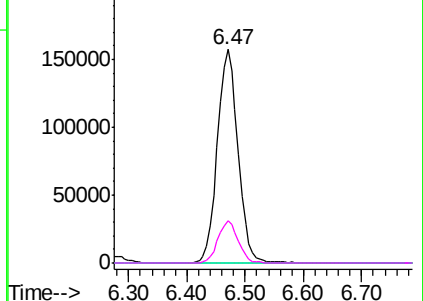


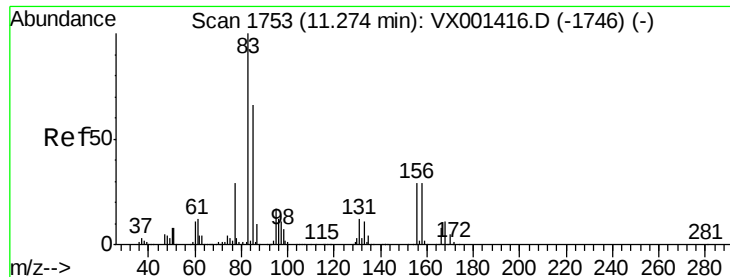
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

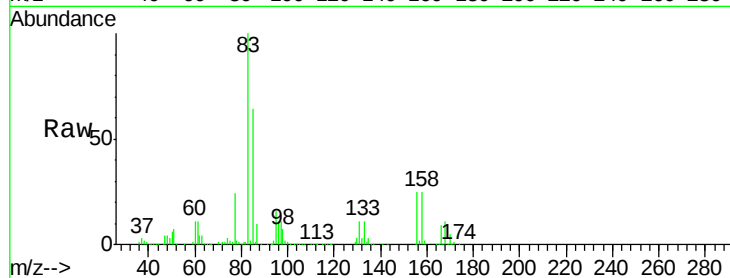
Tgt Ion: 83 Resp: 248673

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

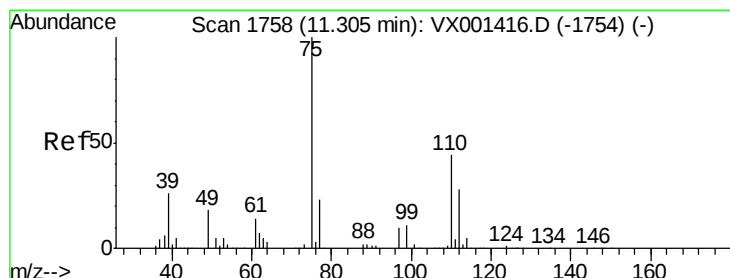
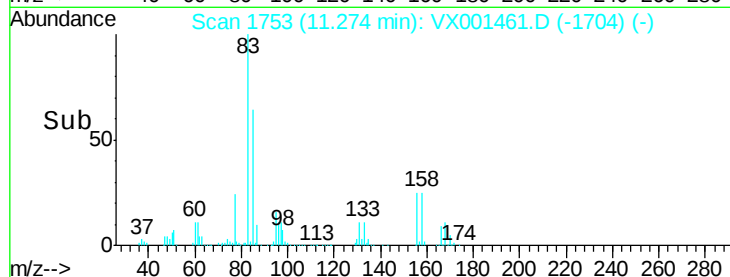
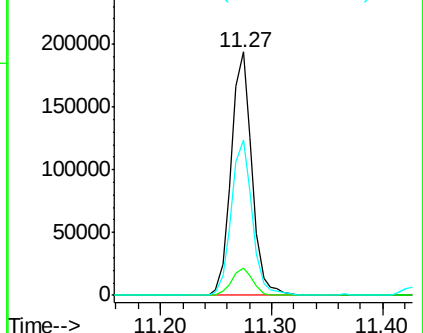
85 64.9 32.7 98.1



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: 54.78 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001461.D

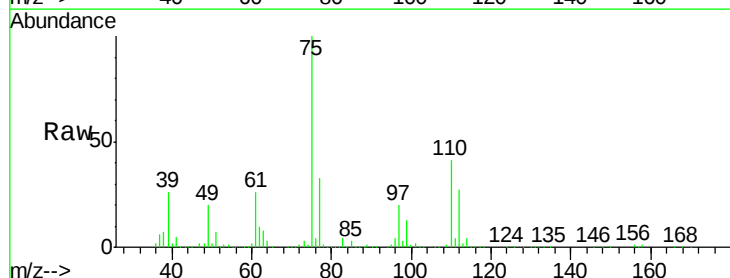
Acq: 07 May 2018 11:25

Tgt Ion: 75 Resp: 299724

Ion Ratio Lower Upper

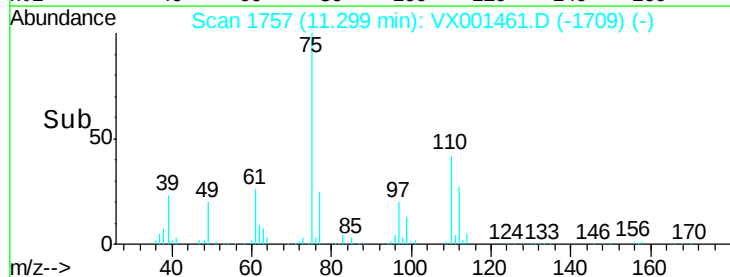
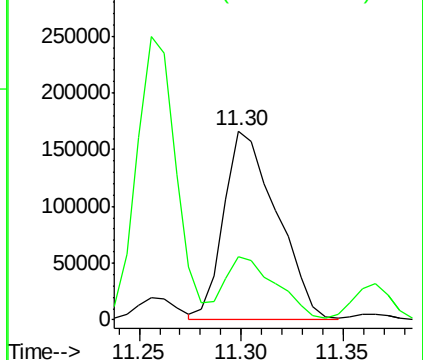
75 100

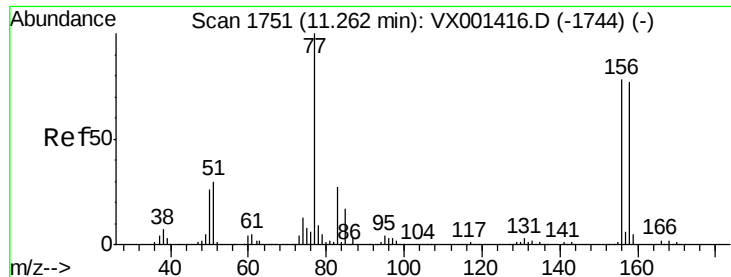
77 33.0 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

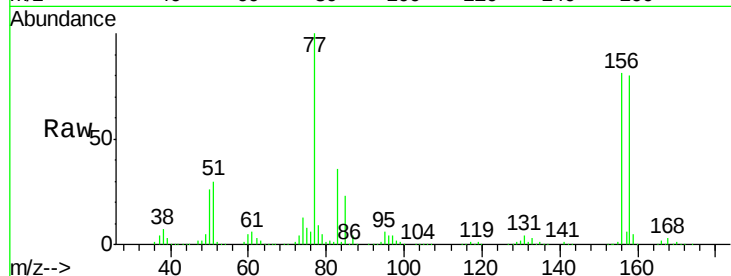
Tgt Ion:156 Resp: 257342

Ion Ratio Lower Upper

156 100

77 128.9 66.0 198.2

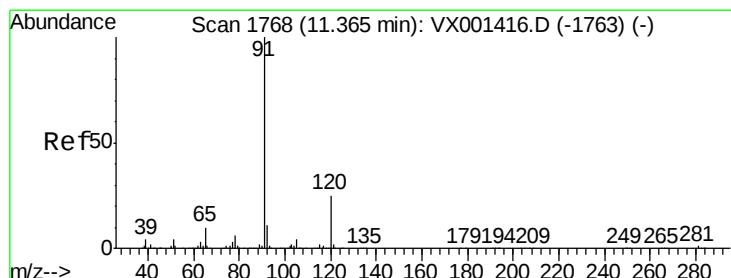
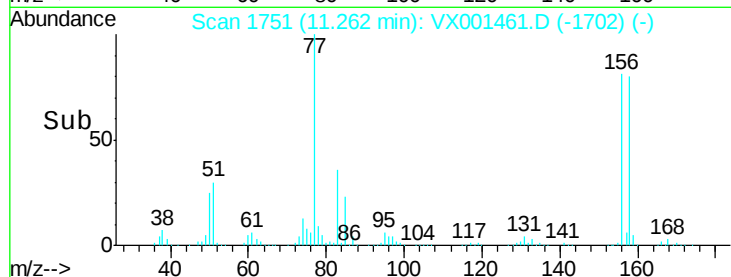
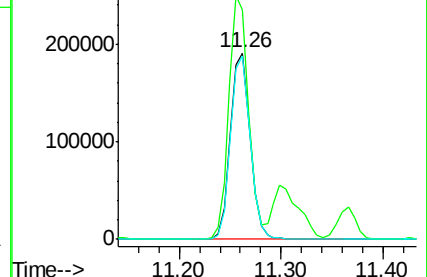
158 97.4 49.4 148.2



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: 51.39 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001461.D

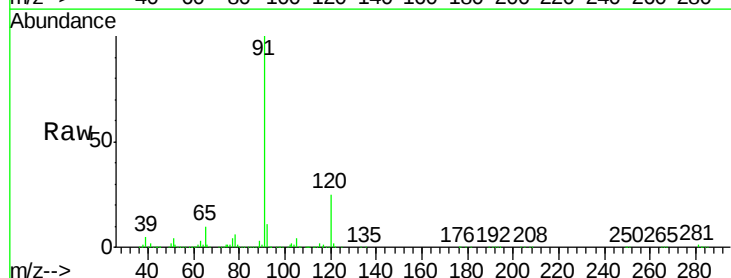
Acq: 07 May 2018 11:25

Tgt Ion: 91 Resp: 1045011

Ion Ratio Lower Upper

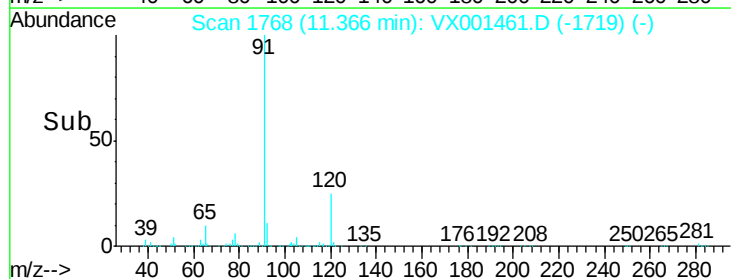
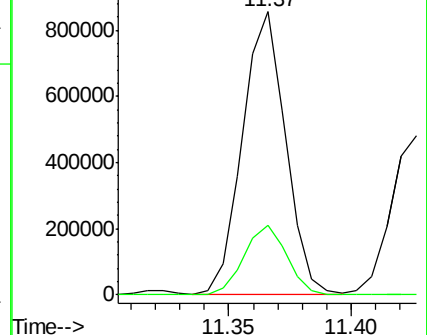
91 100

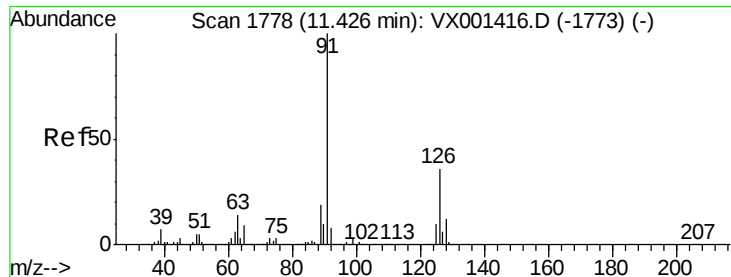
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.34 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

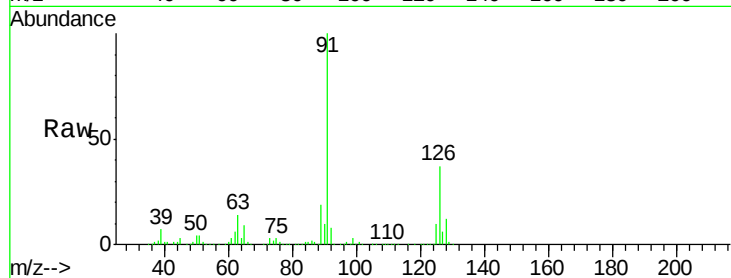
VSTDCCC050

Tgt Ion: 91 Resp: 604935

Ion Ratio Lower Upper

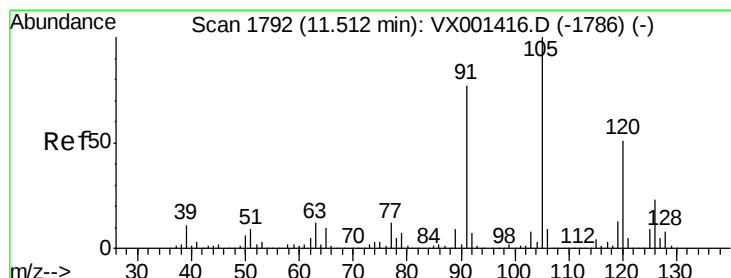
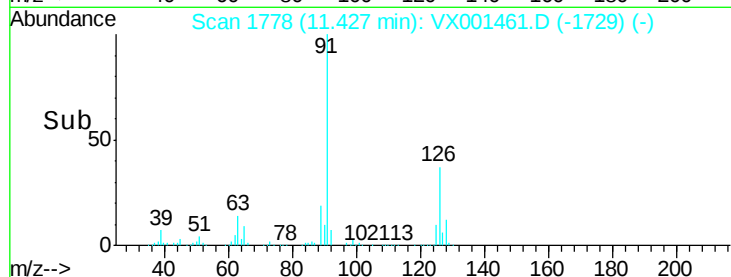
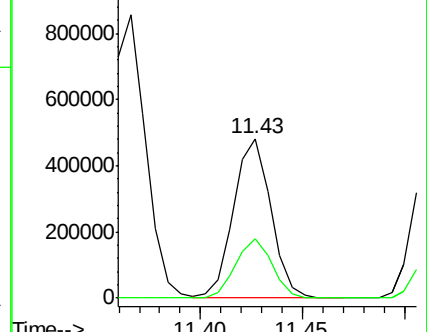
91 100

126 37.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX001461.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001461.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.47 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001461.D

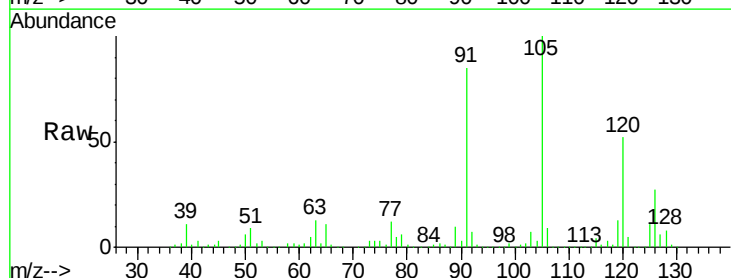
Acq: 07 May 2018 11:25

Tgt Ion: 105 Resp: 784719

Ion Ratio Lower Upper

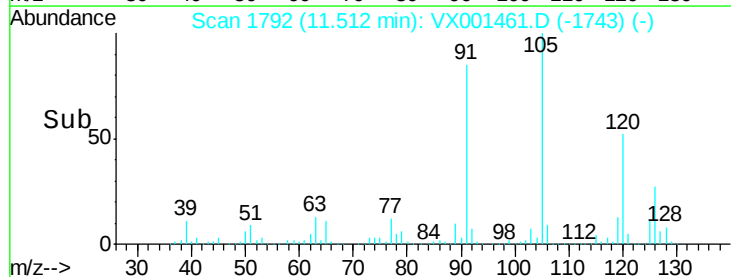
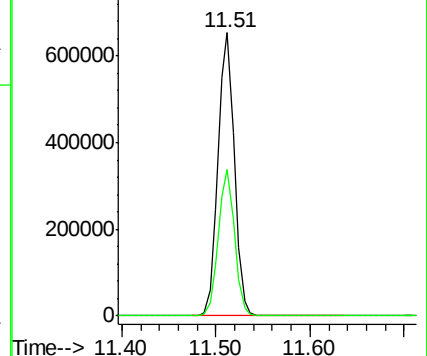
105 100

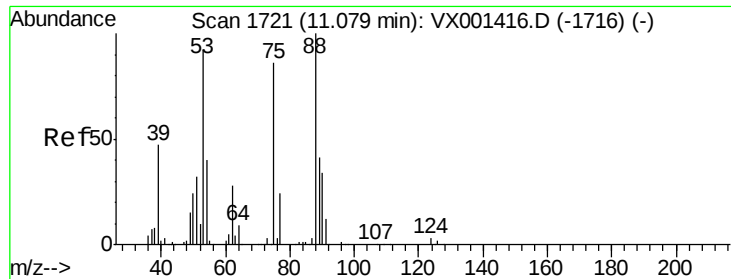
120 51.1 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001461.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001461.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.88 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

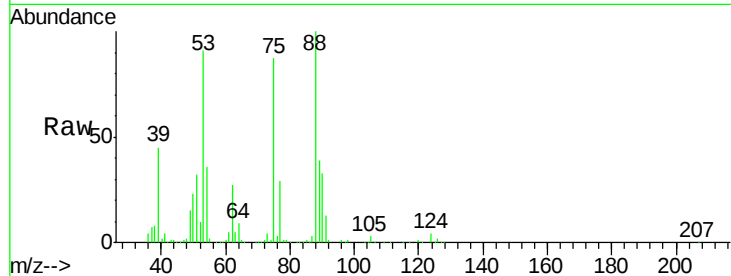
Tgt Ion: 75 Resp: 72429

Ion Ratio Lower Upper

75 100

53 107.1 84.5 126.7

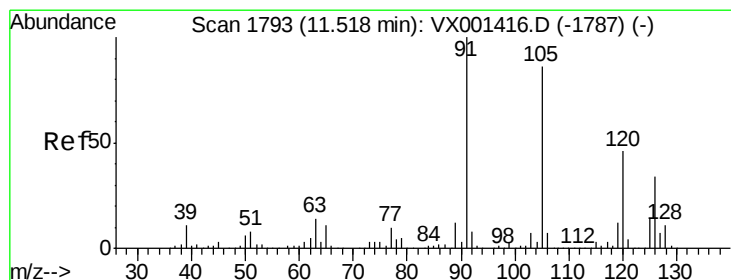
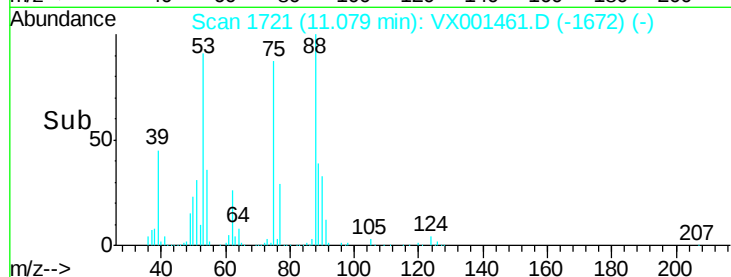
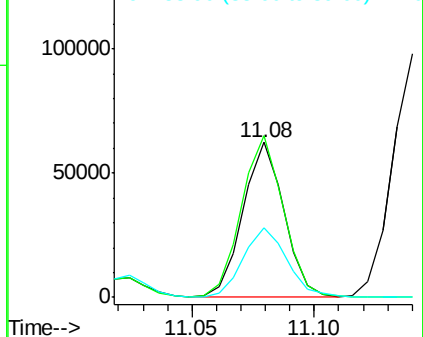
89 48.6 39.5 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001461.D

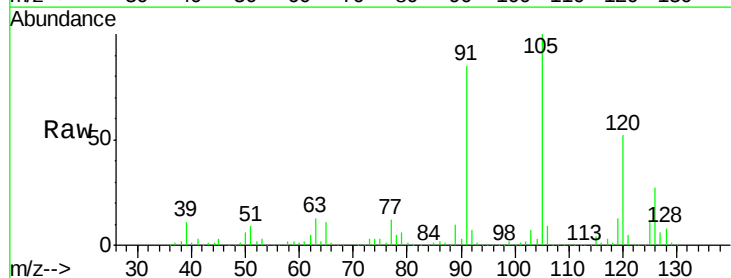
Acq: 07 May 2018 11:25

Tgt Ion: 91 Resp: 719549

Ion Ratio Lower Upper

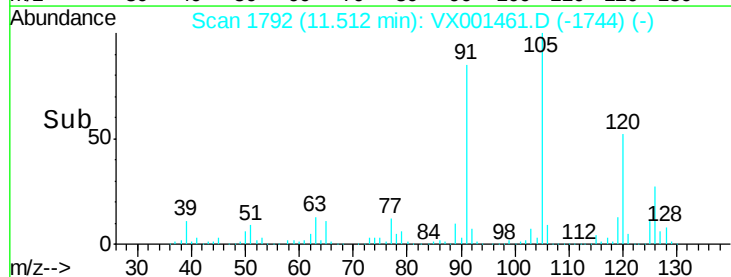
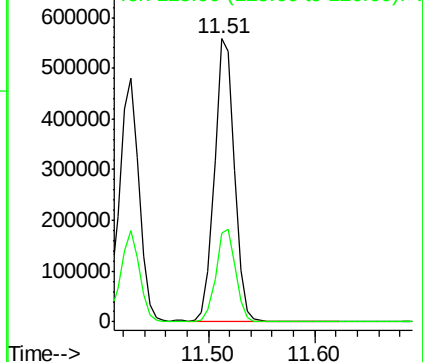
91 100

126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

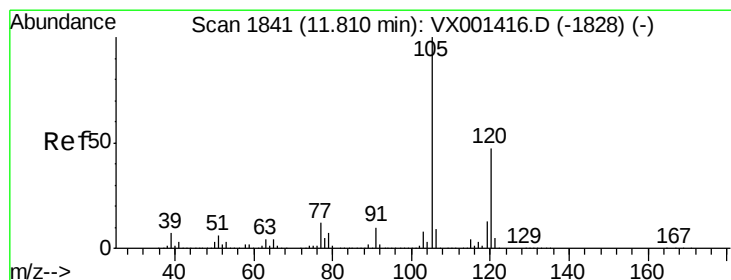
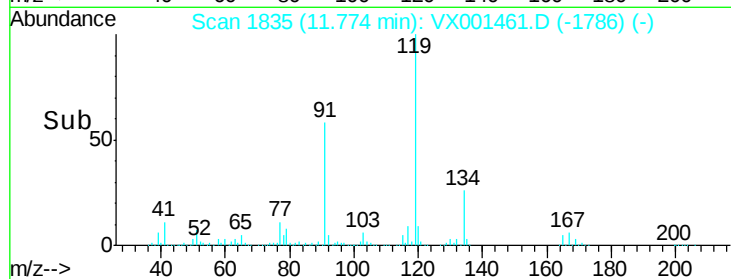
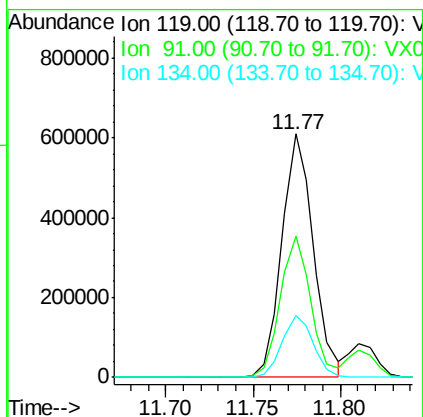
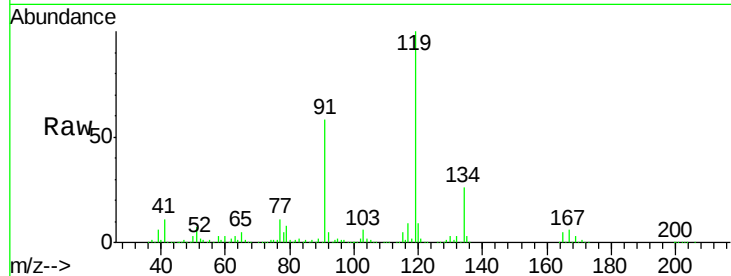




#83
 tert-Butylbenzene
 Concen: 49.55 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

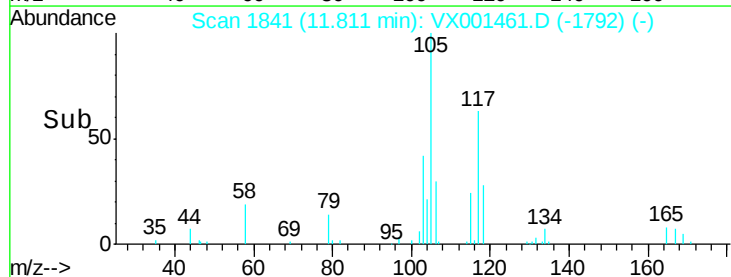
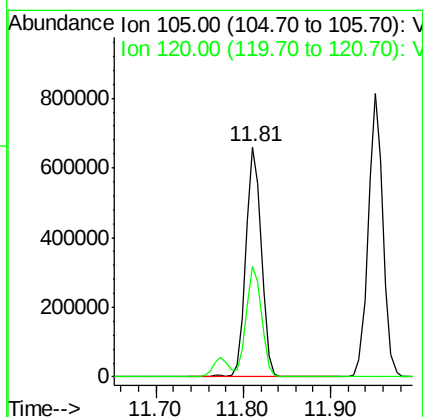
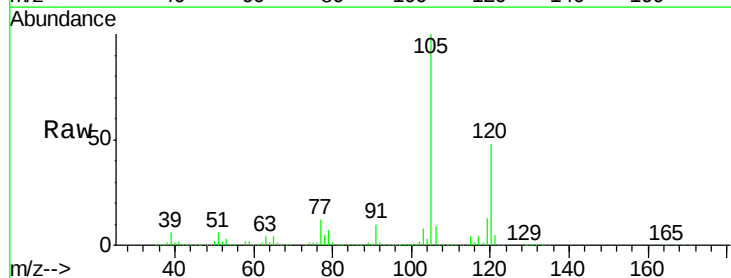
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

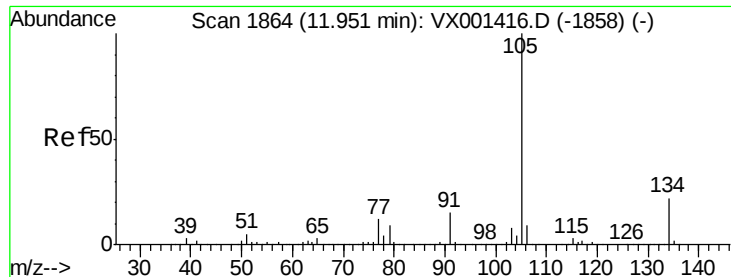
Tgt Ion:119 Resp: 766567
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.8 83.3
 134 25.3 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion:105 Resp: 807529
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2

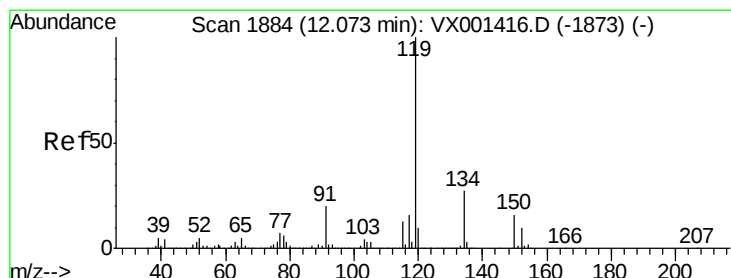
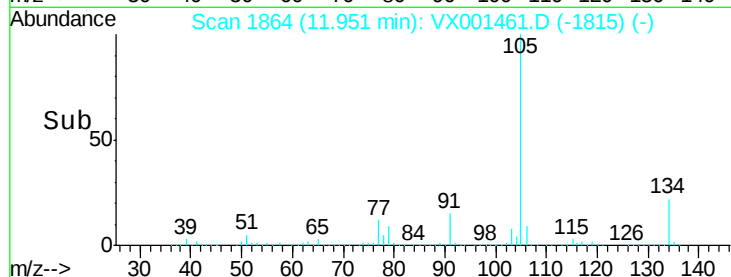
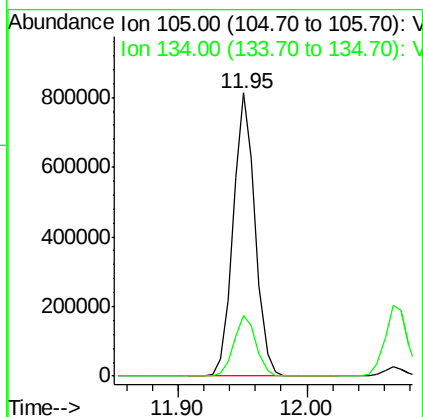
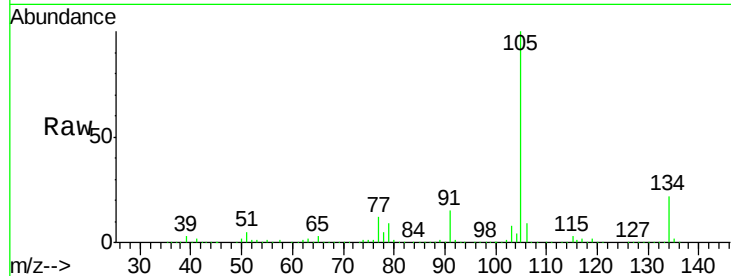




#85
 sec-Butylbenzene
 Concen: 51.82 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

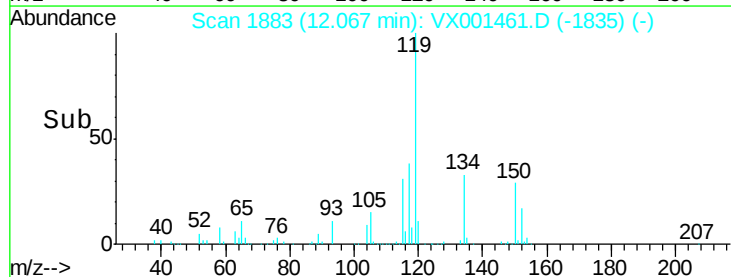
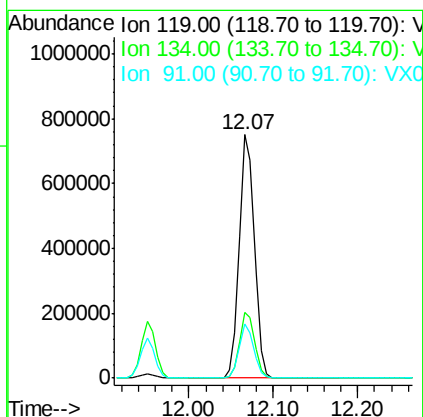
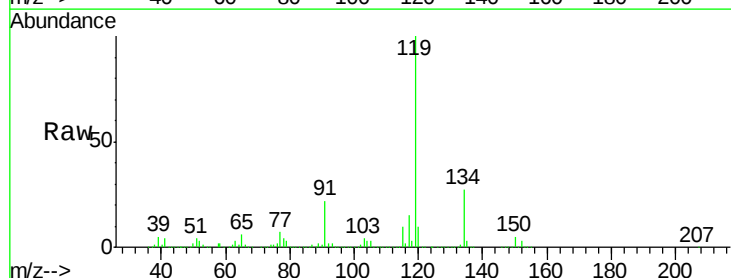
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

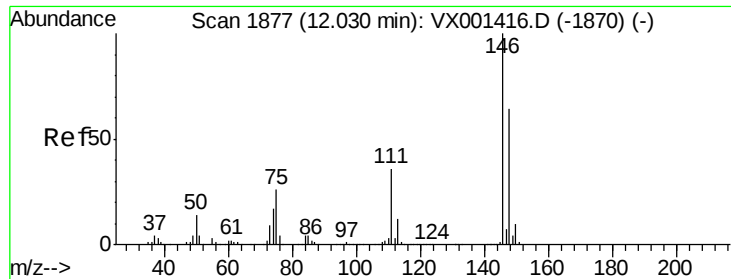
Tgt Ion:105 Resp: 962238
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.76 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion:119 Resp: 898717
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.7 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 49.05 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

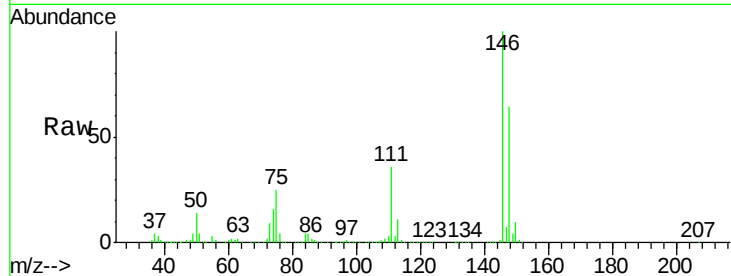
Tgt Ion:146 Resp: 476012

Ion Ratio Lower Upper

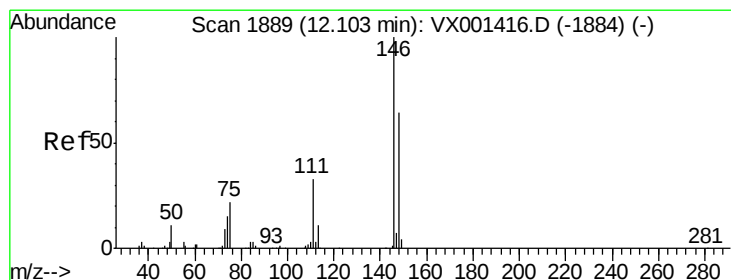
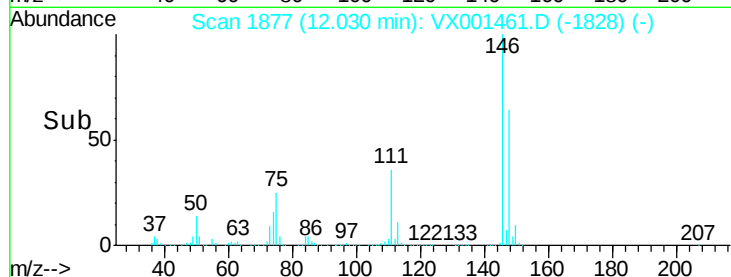
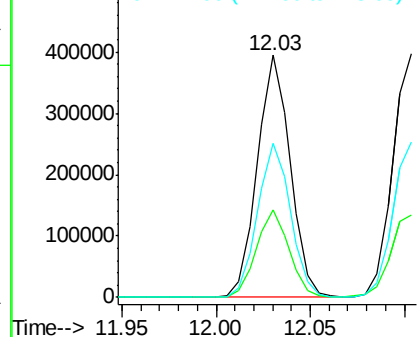
146 100

111 35.9 18.1 54.1

148 64.1 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 48.75 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

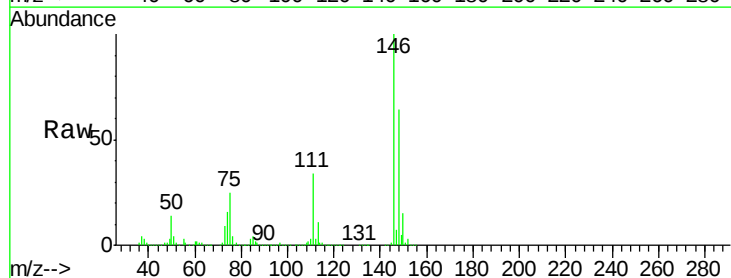
Tgt Ion:146 Resp: 482572

Ion Ratio Lower Upper

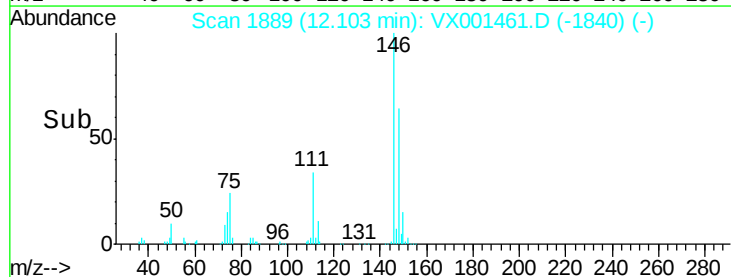
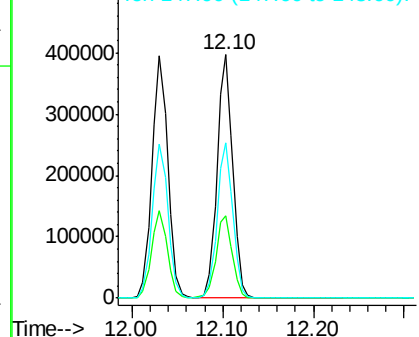
146 100

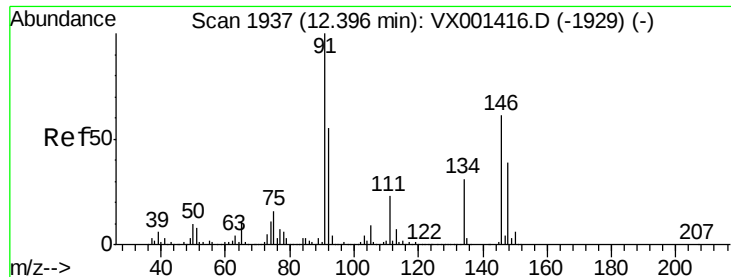
111 34.9 17.4 52.3

148 64.1 32.2 96.6



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





#89

n-Butylbenzene

Concen: 53.34 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

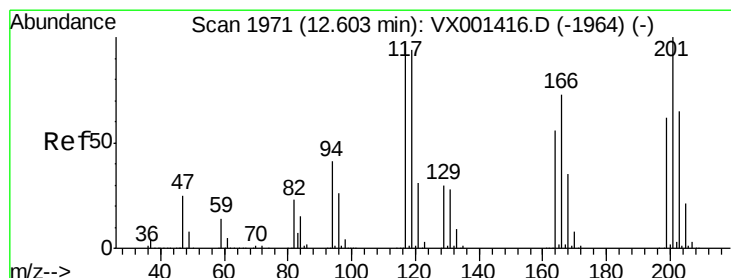
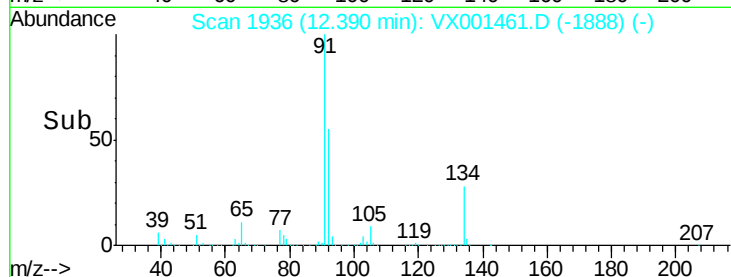
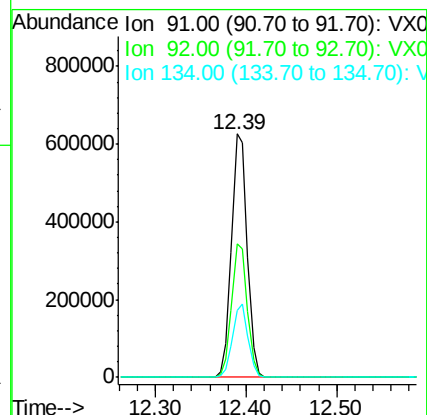
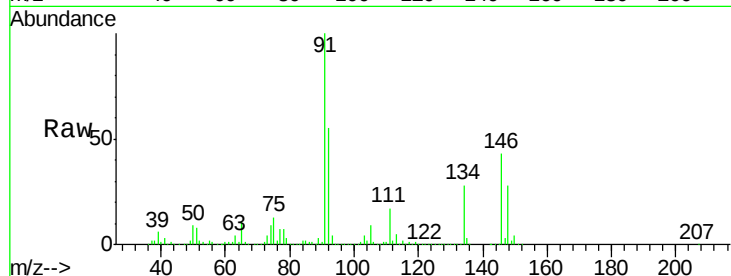
Tgt Ion: 91 Resp: 752871

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 29.5 14.6 44.0



#90

Hexachloroethane

Concen: 52.30 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001461.D

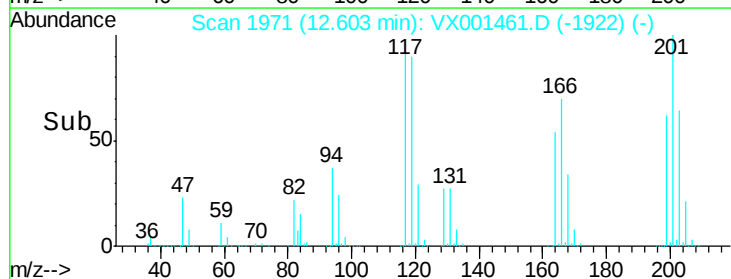
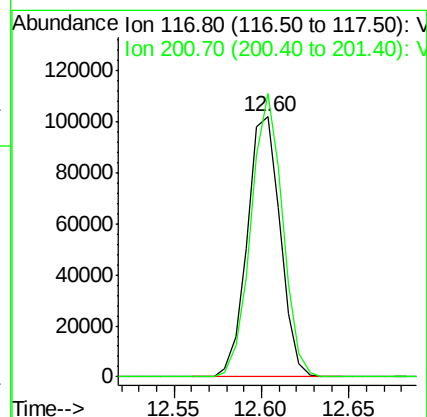
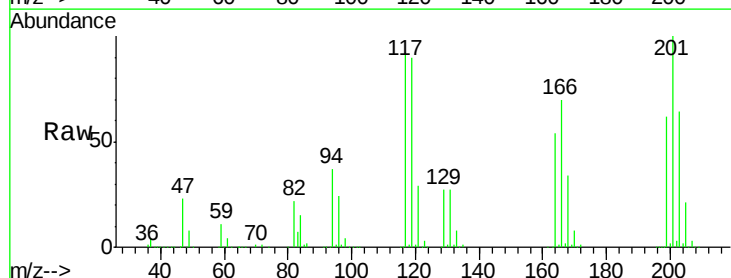
Acq: 07 May 2018 11:25

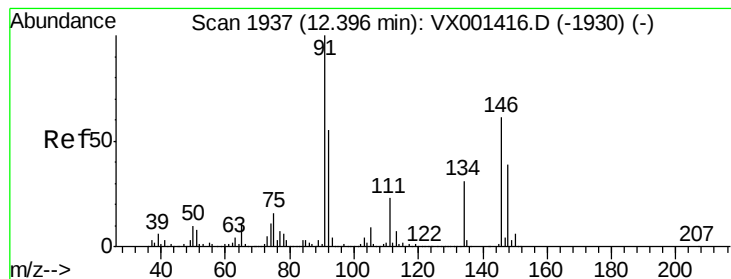
Tgt Ion: 117 Resp: 134157

Ion Ratio Lower Upper

117 100

201 103.6 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 47.73 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

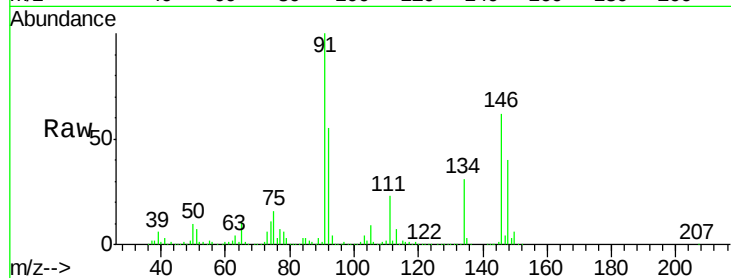
Tgt Ion: 146 Resp: 471266

Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.8

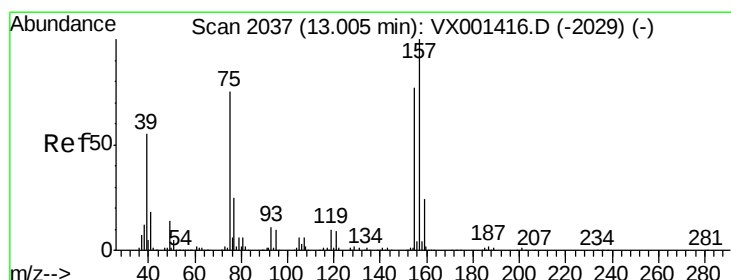
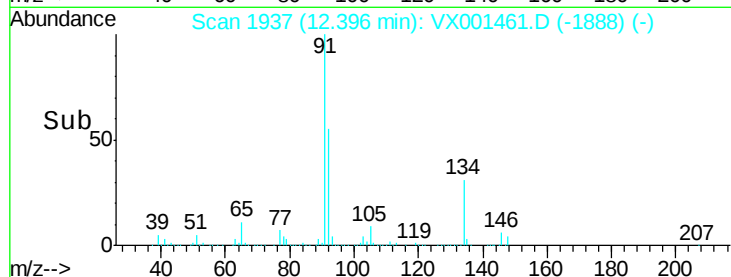
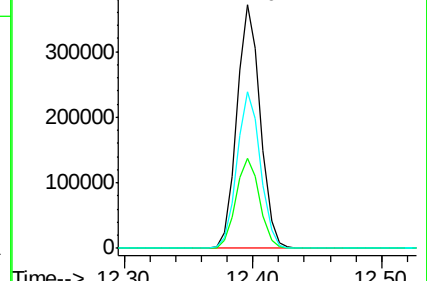
148 64.2 32.1 96.5



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: 46.50 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001461.D

Acq: 07 May 2018 11:25

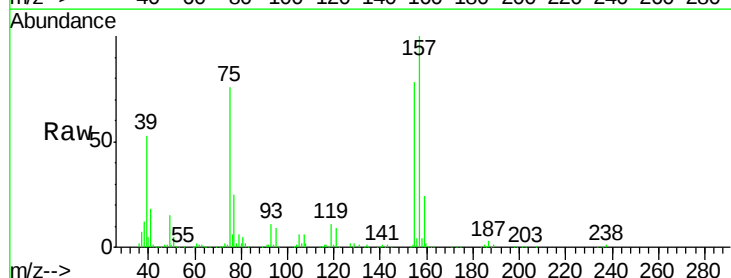
Tgt Ion: 75 Resp: 56346

Ion Ratio Lower Upper

75 100

155 105.3 53.4 160.2

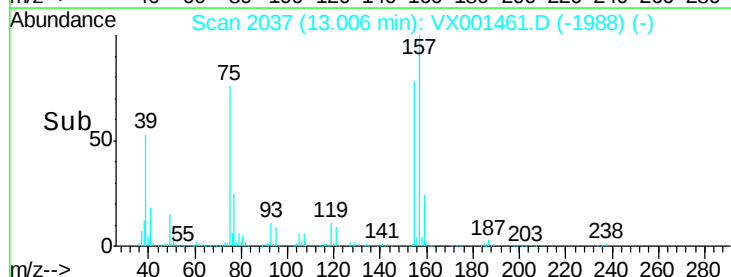
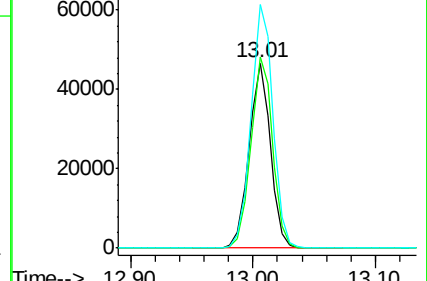
157 135.3 68.3 204.8

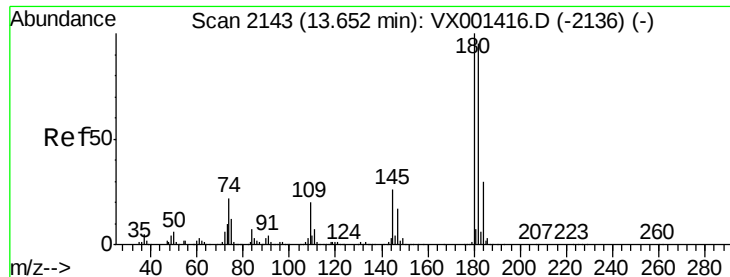


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

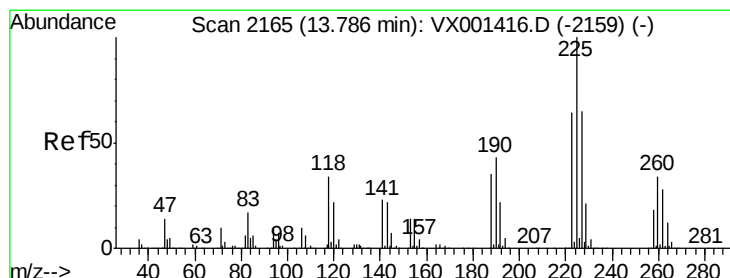
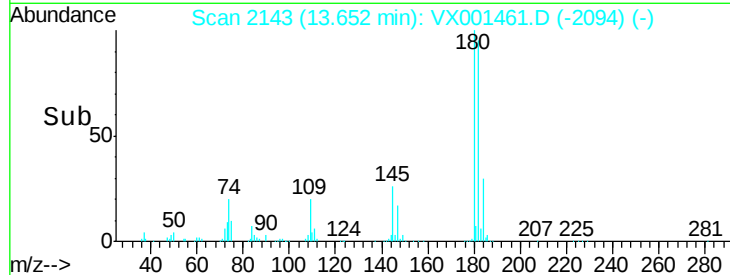
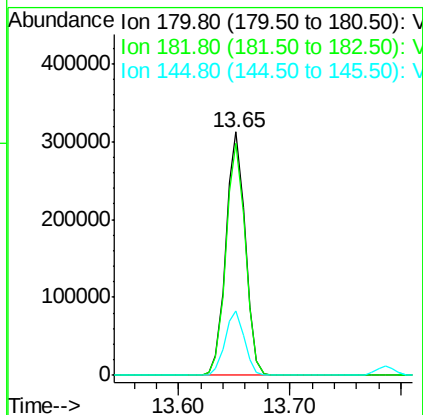
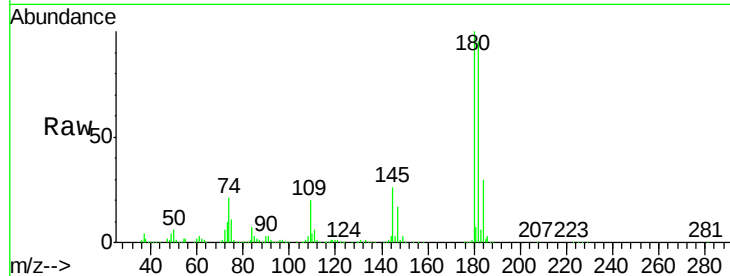




#93
 1,2,4-Trichlorobenzene
 Concen: 51.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

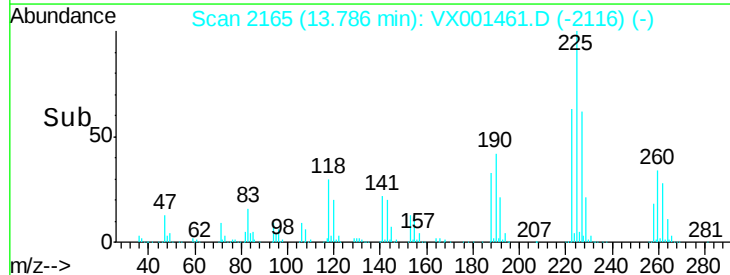
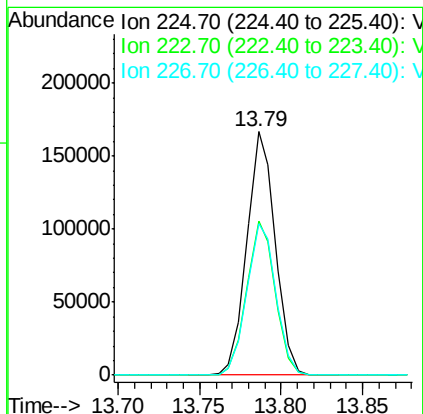
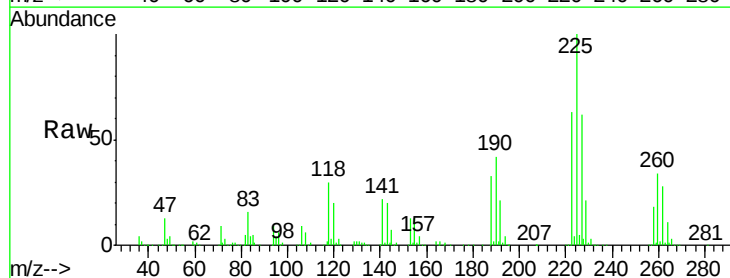
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

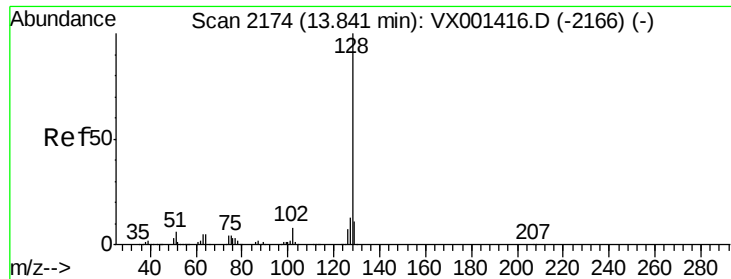
Tgt Ion:180 Resp: 373405
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.4
 145 26.6 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 51.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001461.D
 Acq: 07 May 2018 11:25

Tgt Ion:225 Resp: 202979
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.9
 227 63.2 32.4 97.2

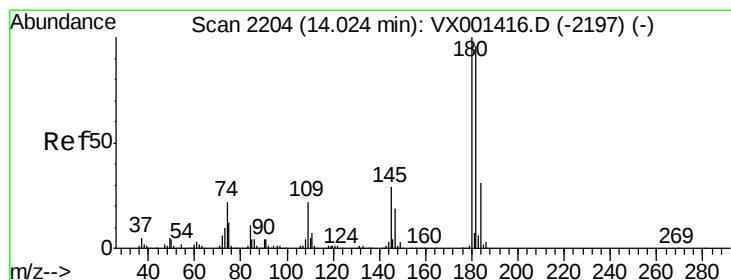
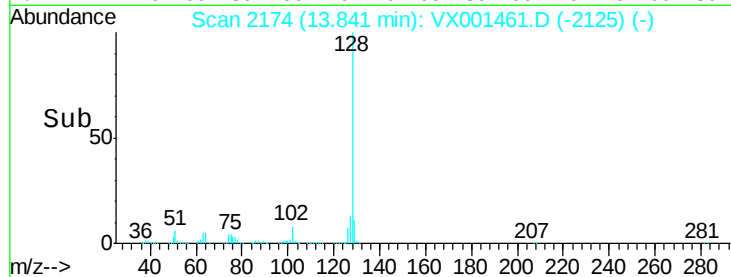
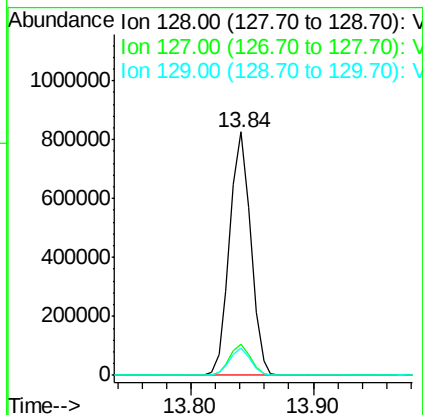
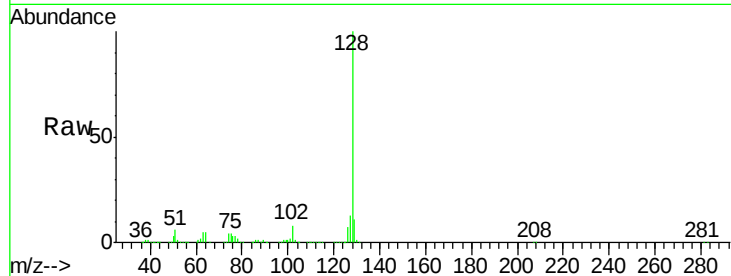




#95
Naphthalene
Concen: 49.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 979727
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.91 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001461.D
Acq: 07 May 2018 11:25

Tgt Ion:180 Resp: 370026
Ion Ratio Lower Upper
180 100
182 97.4 48.0 144.2
145 28.5 14.1 42.4

