

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006713.D
 Acq On : 21 Dec 2018 09:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 04:00:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	654895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	954779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	852706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	329704	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.50	113	306904	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	1135246	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	403686	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	267091	44.581	ug/l	98
3) Chloromethane	1.33	50	262937	40.737	ug/l	99
4) Vinyl Chloride	1.41	62	304193	45.125	ug/l	100
5) Bromomethane	1.64	94	274823	43.434	ug/l	97
6) Chloroethane	1.71	64	197286	42.266	ug/l	95
7) Trichlorofluoromethane	1.93	101	495014	47.099	ug/l	97
8) Diethyl Ether	2.19	74	190300	45.587	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	299816	48.585	ug/l	100
10) Methyl Iodide	2.51	142	285829	32.357	ug/l	99
11) Tert butyl alcohol	3.07	59	367803	233.497	ug/l	99
12) 1,1-Dichloroethene	2.37	96	268411	45.872	ug/l	98
13) Acrolein	2.29	56	208078	195.813	ug/l	99
14) Allyl chloride	2.73	41	463550	47.065	ug/l	99
15) Acrylonitrile	3.15	53	849500	242.893	ug/l	100
16) Acetone	2.45	43	918082	283.119	ug/l	98
17) Carbon Disulfide	2.57	76	651765	42.091	ug/l	100
18) Methyl Acetate	2.78	43	474915	49.806	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	950493	48.943	ug/l	99
20) Methylene Chloride	2.85	84	300620	44.832	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	288641	44.521	ug/l	97
22) Diisopropyl ether	3.87	45	875789	48.605	ug/l	93
23) Vinyl Acetate	3.82	43	3581621	243.012	ug/l	99
24) 1,1-Dichloroethane	3.70	63	499585	46.447	ug/l	99
25) 2-Butanone	4.70	43	1162620	254.886	ug/l	100
26) 2,2-Dichloropropane	4.59	77	385541	46.402	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	335951	46.966	ug/l	100
28) Bromochloromethane	5.02	49	224287	49.445	ug/l	99
29) Tetrahydrofuran	5.15	42	726204	241.727	ug/l	99
30) Chloroform	5.21	83	523622	47.010	ug/l	98
31) Cyclohexane	5.57	56	450108	46.062	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	447141	47.542	ug/l	99
36) 1,1-Dichloropropene	5.80	75	389819	49.296	ug/l	99
37) Ethyl Acetate	4.85	43	414412	50.350	ug/l	99
38) Carbon Tetrachloride	5.78	117	387207	50.384	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	514450	49.415	ug/l	98
40) Benzene	6.14	78	1186039	49.342	ug/l	97
41) Methacrylonitrile	5.06	41	232464	53.198	ug/l	98
42) 1,2-Dichloroethane	6.20	62	394780	48.198	ug/l	100
43) Isopropyl Acetate	6.46	43	663047	52.946	ug/l	99
44) Trichloroethene	7.21	130	351535	48.319	ug/l	96
45) 1,2-Dichloropropane	7.51	63	297241	50.816	ug/l	97
46) Dibromomethane	7.66	93	209947	48.796	ug/l	98
47) Bromodichloromethane	7.90	83	362831	50.794	ug/l	96
48) Methyl methacrylate	7.77	41	334926	52.592	ug/l	99
49) 1,4-Dioxane	7.75	88	167705	1006.610	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2077678	260.749	ug/l	99
52) Toluene	8.79	92	778727	50.147	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	407933	53.248	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	453879	53.994	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	315392	49.619	ug/l	98
56) Ethyl methacrylate	9.18	69	464689	51.725	ug/l	97
57) 1,3-Dichloropropane	9.37	76	500805	48.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1209772	253.330	ug/l	100
59) 2-Hexanone	9.49	43	1619445	265.633	ug/l	100
60) Dibromochloromethane	9.59	129	316158	47.671	ug/l	98
61) 1,2-Dibromoethane	9.67	107	345291	51.102	ug/l	99
64) Tetrachloroethene	9.34	164	336496	49.836	ug/l	97
65) Chlorobenzene	10.14	112	900464	49.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	309555	54.999	ug/l	99
67) Ethyl Benzene	10.25	91	1481490	50.257	ug/l	99
68) m/p-Xylenes	10.36	106	1168380	100.445	ug/l	100
69) o-Xylene	10.70	106	570406	49.660	ug/l	98
70) Styrene	10.71	104	918992	50.572	ug/l	99
71) Bromoform	10.86	173	228361	45.429	ug/l #	100
73) Isopropylbenzene	11.02	105	1528961	50.876	ug/l	99
74) N-amyl acetate	10.90	43	581427	54.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	456021	51.022	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	512726	62.804	ug/l	90
77) Bromobenzene	11.26	156	401841	49.458	ug/l	99
78) n-propylbenzene	11.36	91	1719860	51.969	ug/l	99
79) 2-Chlorotoluene	11.42	91	989941	49.361	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1258286	50.833	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	119464	44.996	ug/l	97
82) 4-Chlorotoluene	11.51	91	1148343	49.917	ug/l	100
83) tert-Butylbenzene	11.77	119	1279544	51.648	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1286486	49.411	ug/l	100
85) sec-Butylbenzene	11.94	105	1549260	51.005	ug/l	100
86) p-Isopropyltoluene	12.07	119	1402019	52.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	731959	49.987	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	729965	48.628	ug/l	99
89) n-Butylbenzene	12.39	91	1222556	53.802	ug/l	99
90) Hexachloroethane	12.60	117	198901	47.756	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	709383	48.428	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95192	51.474	ug/l	98

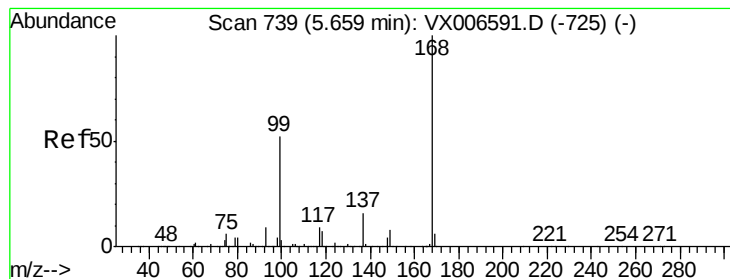
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	523339	51.794	ug/l	99
94) Hexachlorobutadiene	13.79	225	250307	52.557	ug/l	98
95) Naphthalene	13.83	128	1586574	49.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	518356	49.687	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

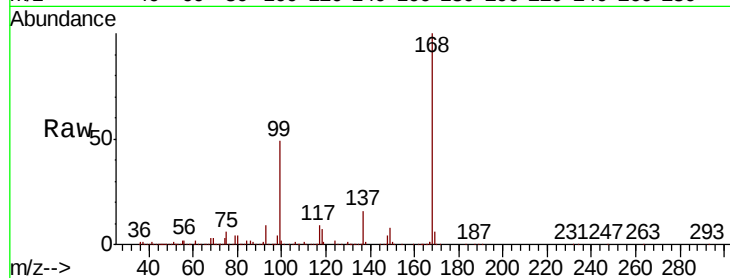
VSTDCCC050

Tot Ion:168 Resp: 654895

Ion Ratio Lower Upper

168 100

99 49.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

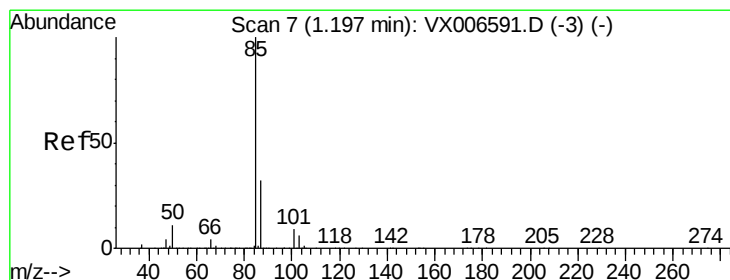
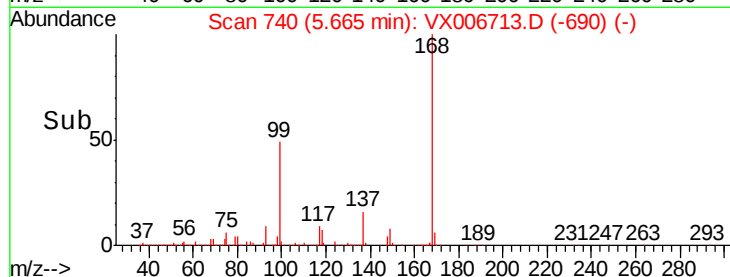
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.581 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006713.D

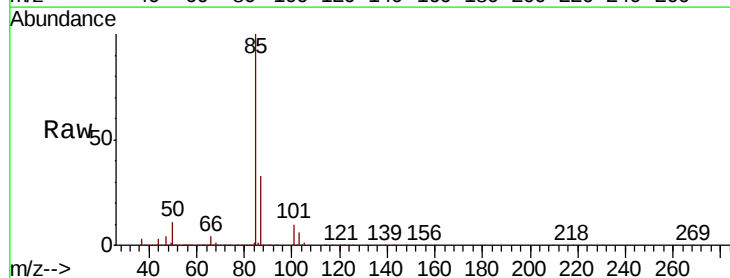
Acq: 21 Dec 2018 09:07

Tgt Ion: 85 Resp: 267091

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

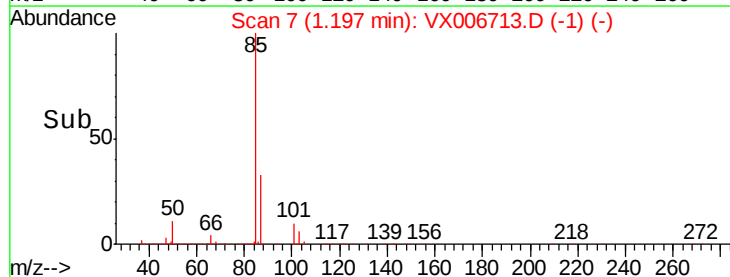
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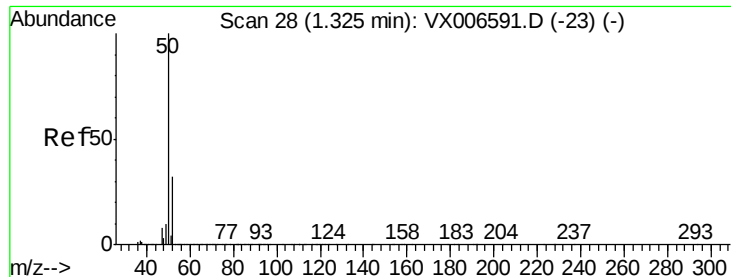
100000

50000

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Time-->





#3

Chloromethane

Concen: 40.737 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

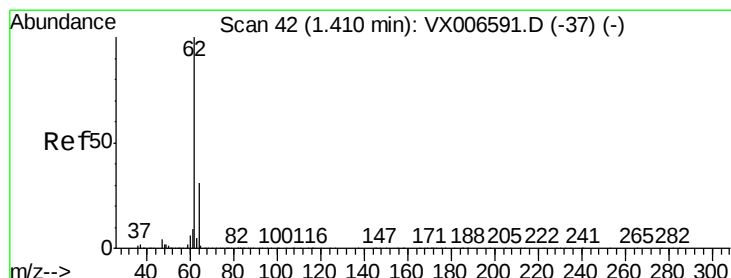
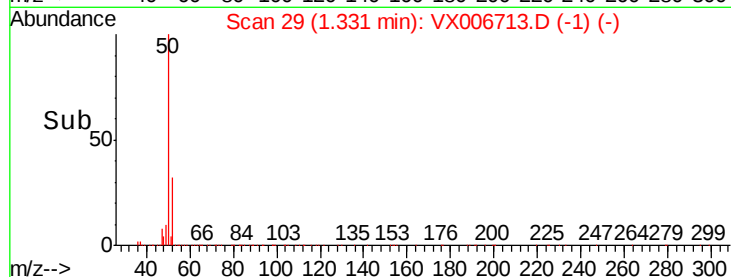
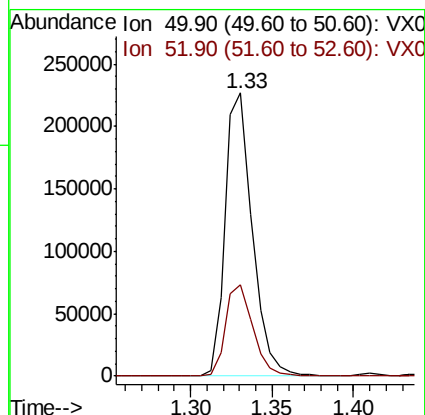
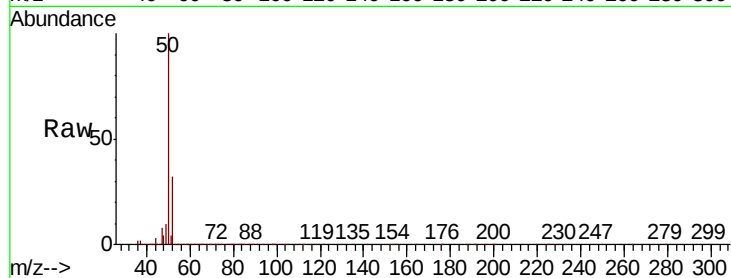
VSTDCCC050

Tot Ion: 50 Resp: 262937

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 45.125 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006713.D

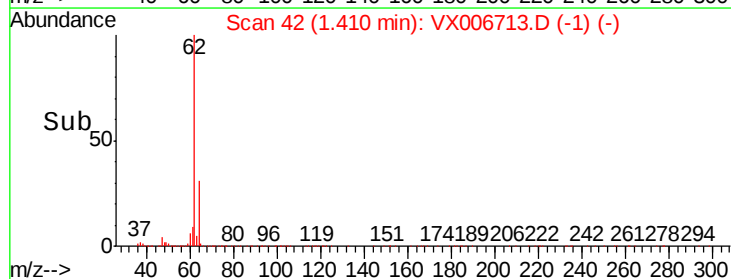
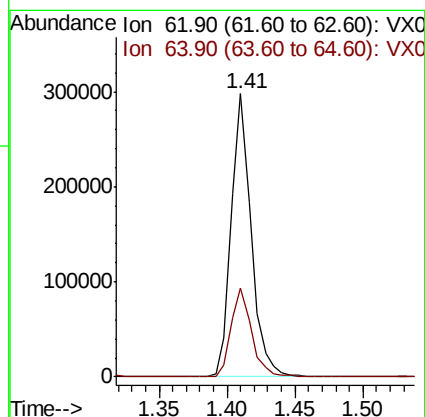
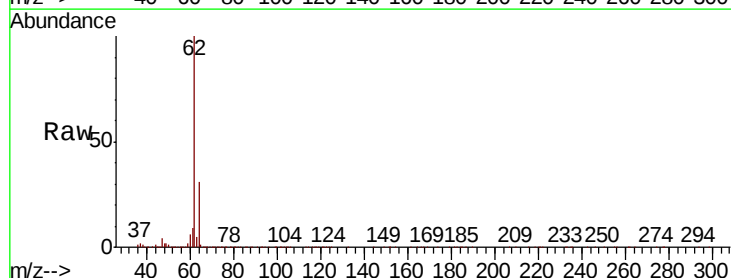
Acq: 21 Dec 2018 09:07

Tgt Ion: 62 Resp: 304193

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 43.434 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

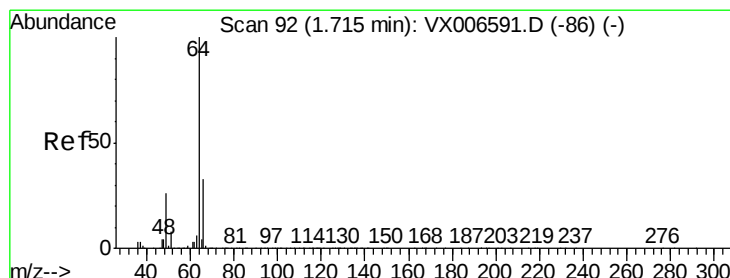
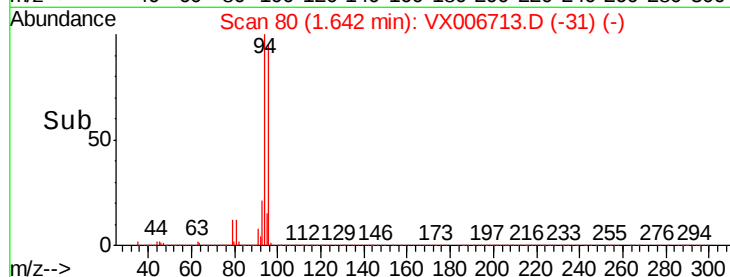
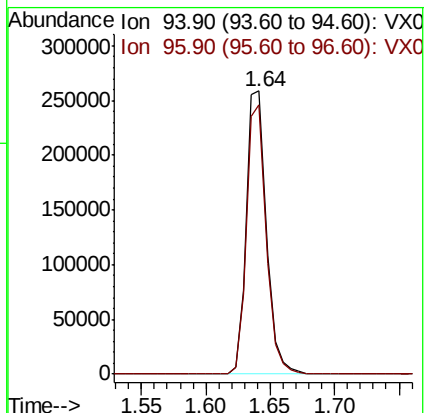
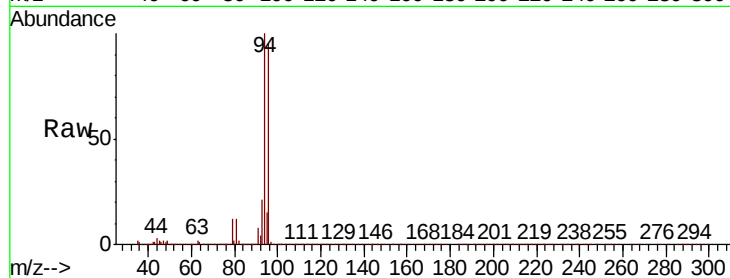
VSTDCCC050

Tot Ion: 94 Resp: 274823

Ion Ratio Lower Upper

94 100

96 95.0 73.4 110.2



#6

Chloroethane

Concen: 42.266 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006713.D

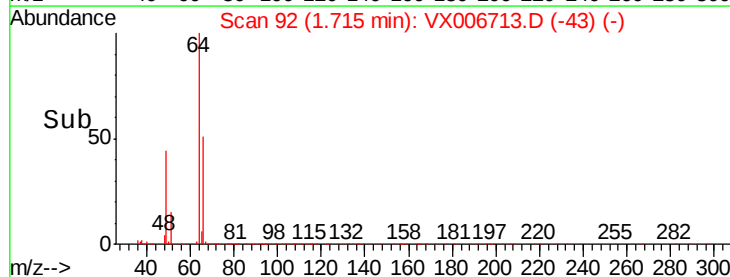
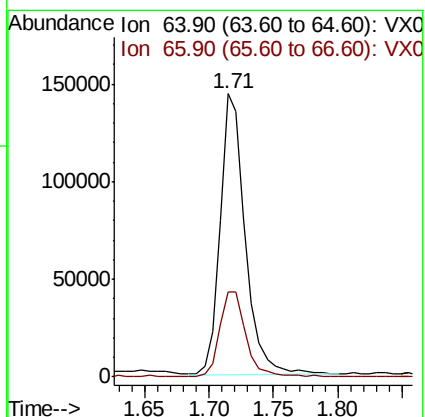
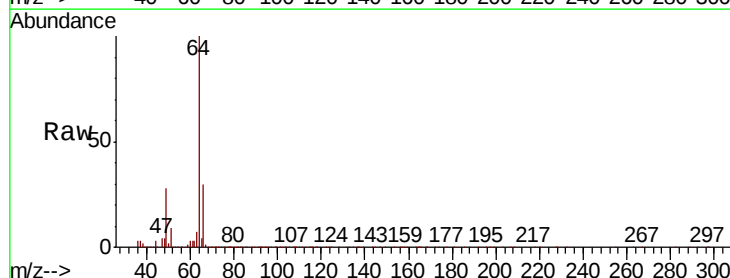
Acq: 21 Dec 2018 09:07

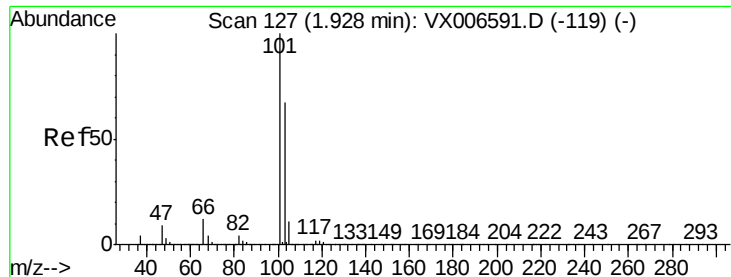
Tgt Ion: 64 Resp: 197286

Ion Ratio Lower Upper

64 100

66 30.3 26.4 39.6



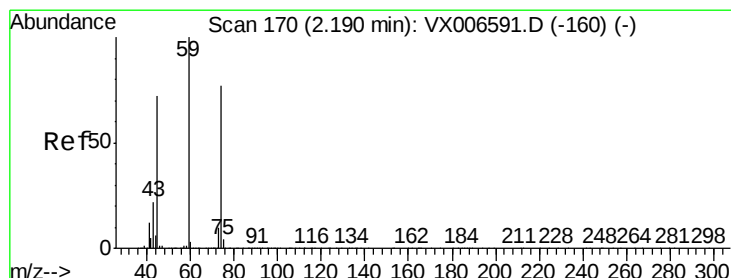
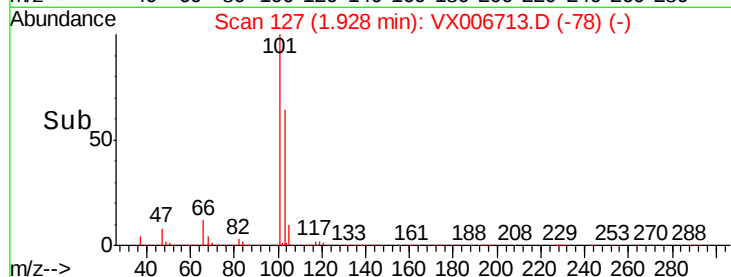
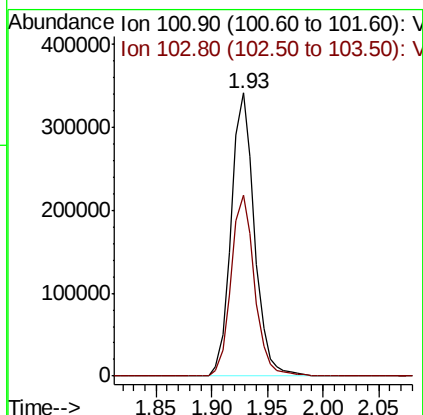
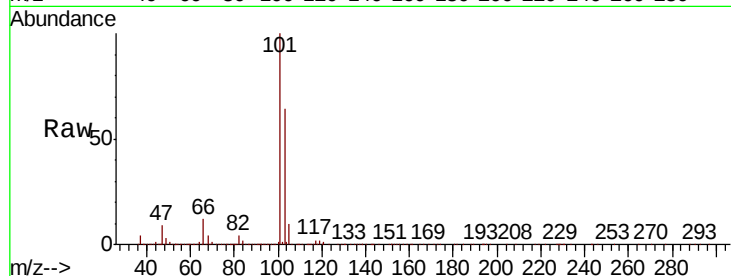


#7

Trichlorofluoromethane
Concen: 47.099 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
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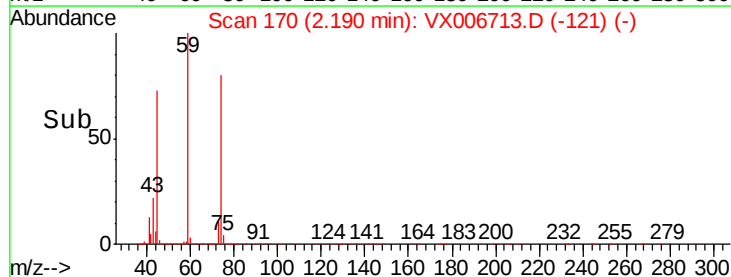
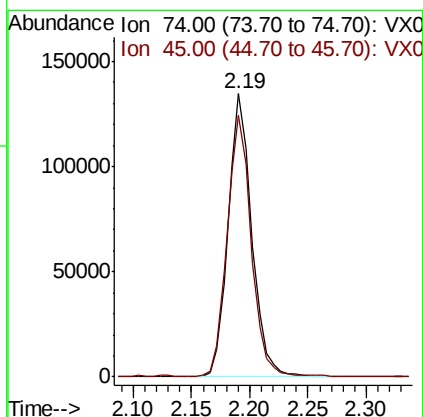
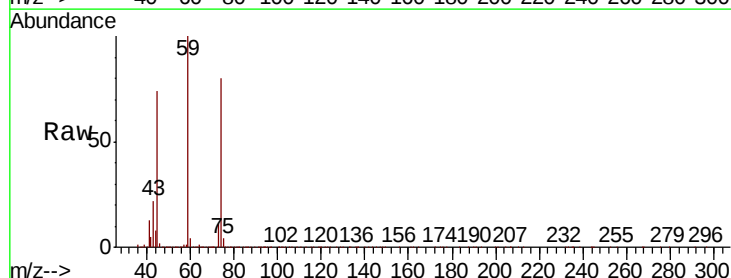
Tot Ion:101 Resp: 495014
Ion Ratio Lower Upper
101 100
103 63.7 53.2 79.8

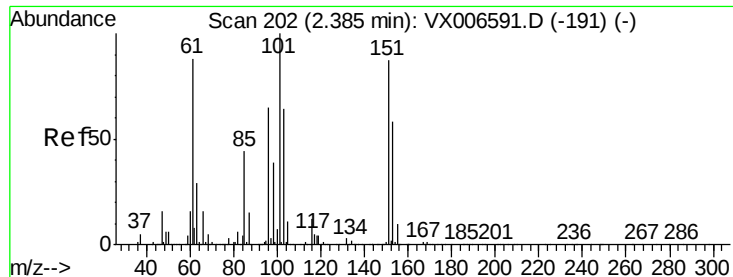


#8

Diethyl Ether
Concen: 45.587 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 74 Resp: 190300
Ion Ratio Lower Upper
74 100
45 92.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.585 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

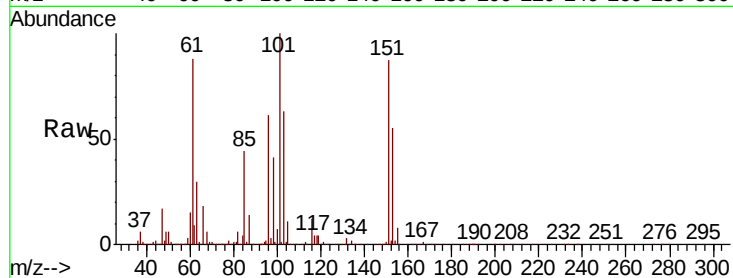
Tot Ion:101 Resp: 299816

Ion Ratio Lower Upper

101 100

85 43.8 35.1 52.7

151 86.5 68.9 103.3

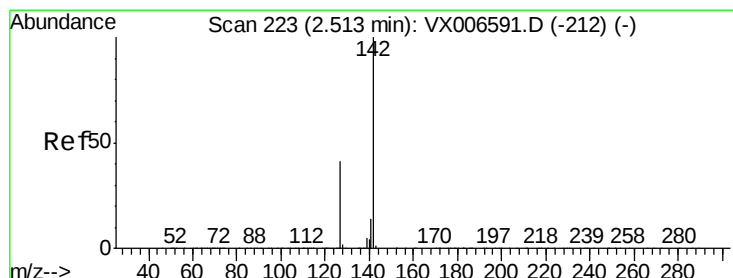
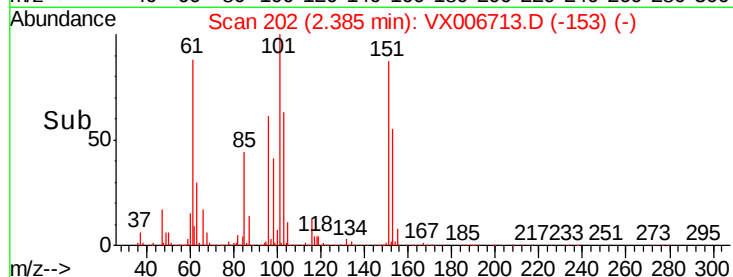
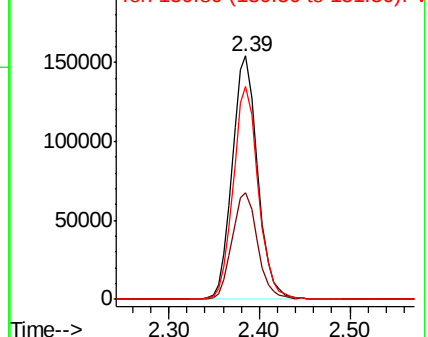


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.357 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

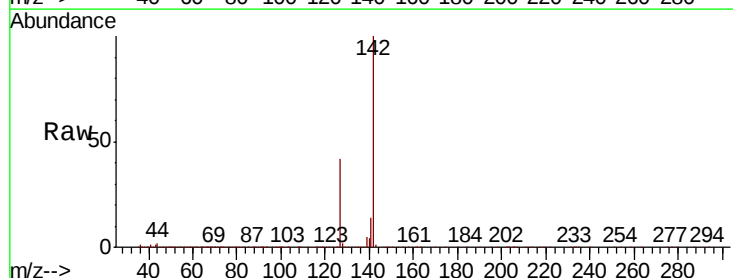
Tgt Ion:142 Resp: 285829

Ion Ratio Lower Upper

142 100

127 41.9 33.9 50.9

141 13.9 11.4 17.0

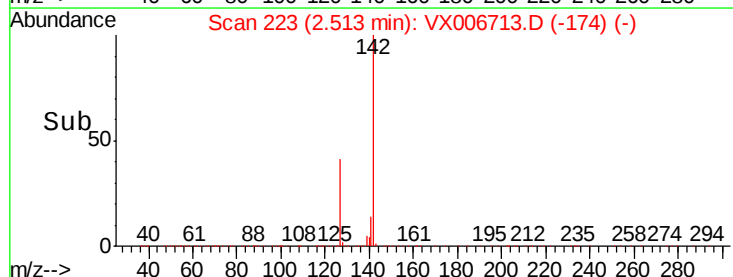
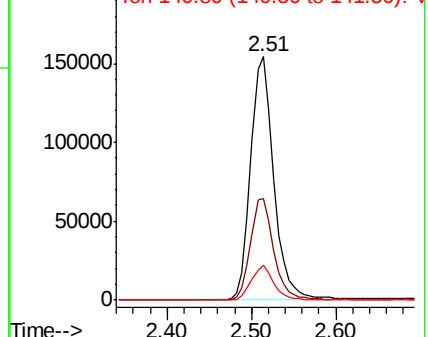


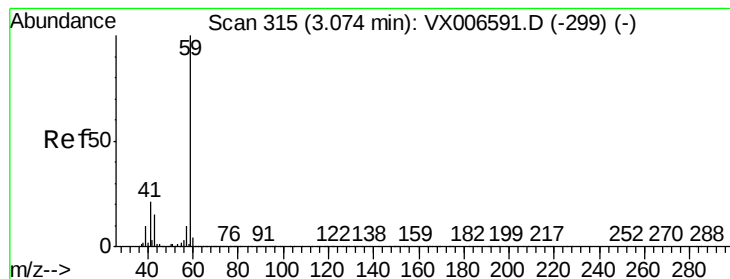
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



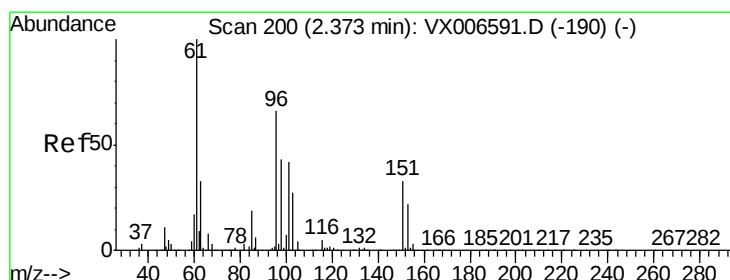
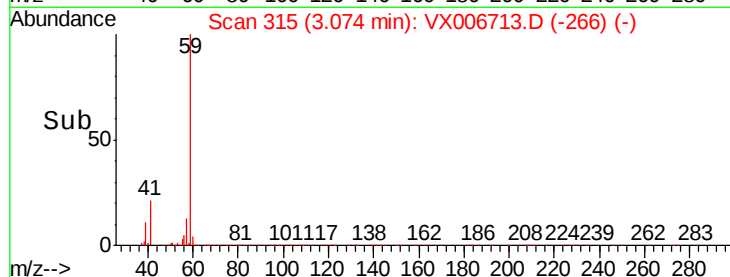
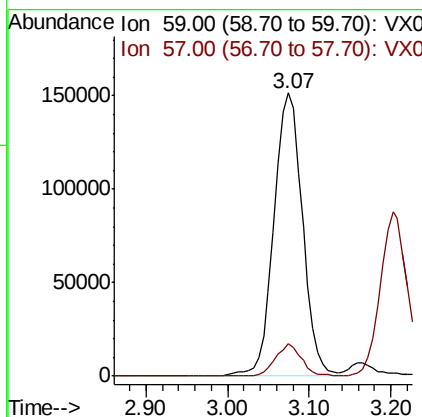
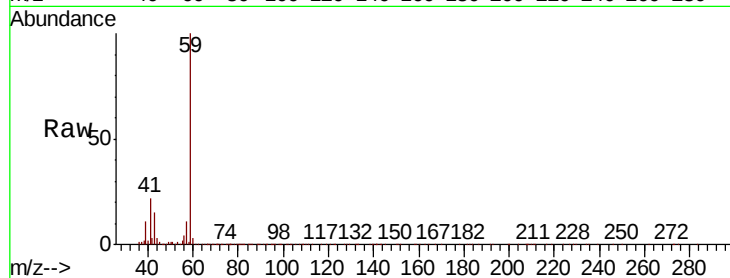


#11

Tert butyl alcohol
Concen: 233.497 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

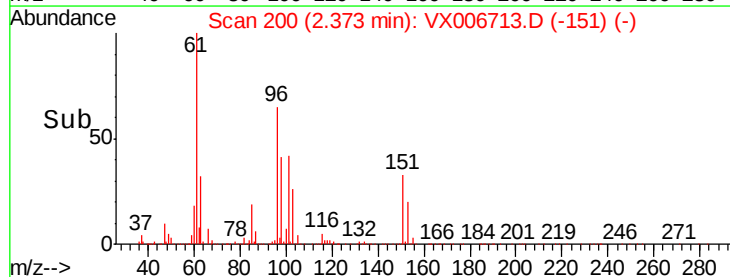
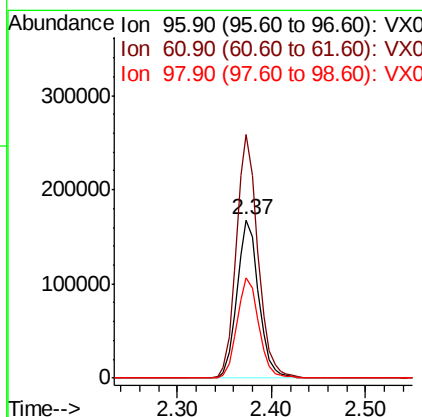
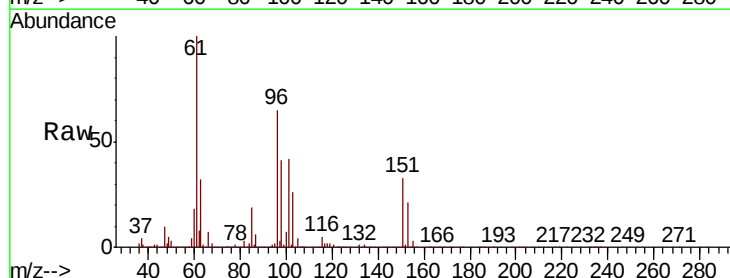
Tot Ion: 59 Resp: 367803
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

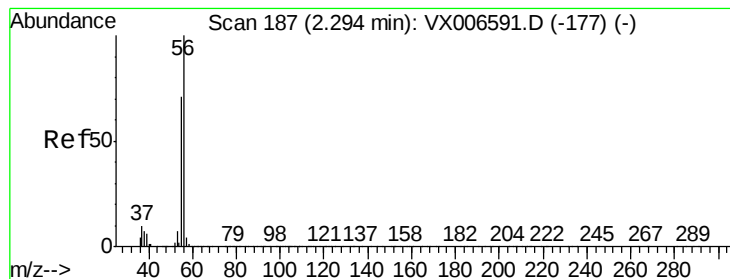


#12

1,1-Dichloroethene
Concen: 45.872 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 96 Resp: 268411
Ion Ratio Lower Upper
96 100
61 153.7 121.4 182.2
98 63.1 51.9 77.9





#13

Acrolein

Concen: 195.813 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

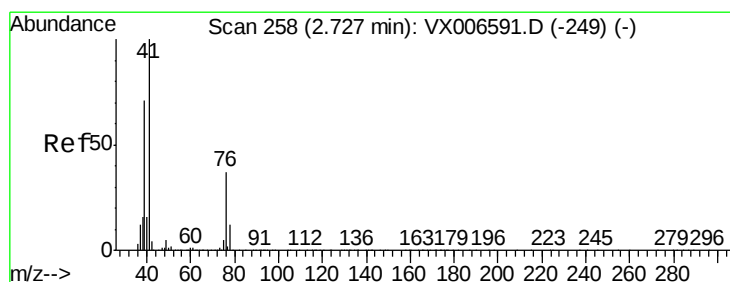
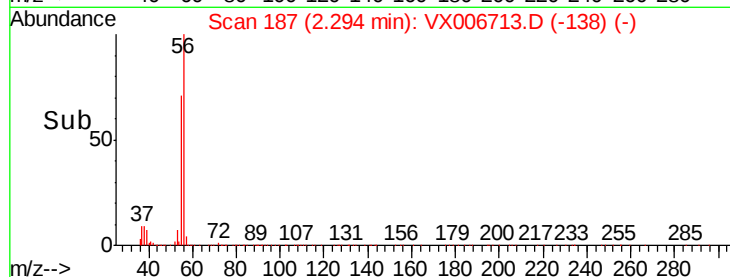
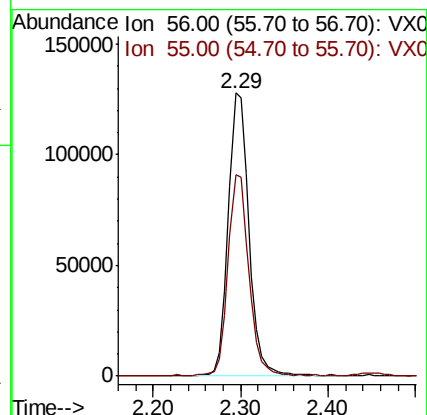
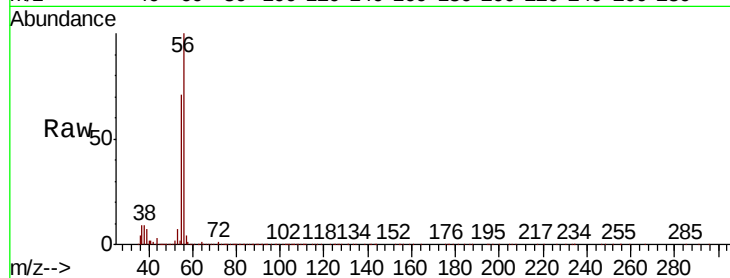
VSTDCCC050

Tot Ion: 56 Resp: 208078

Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4



#14

Allyl chloride

Concen: 47.065 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

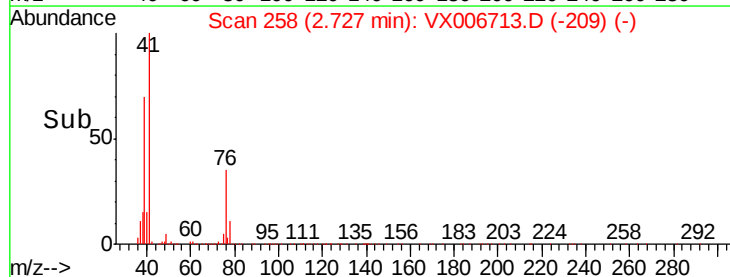
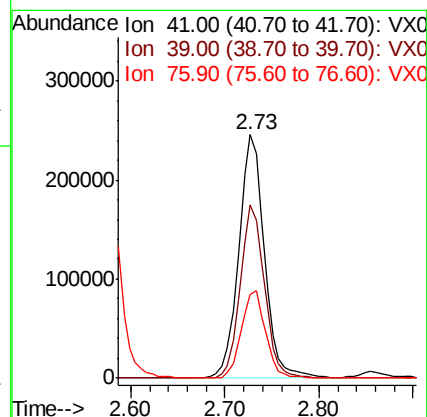
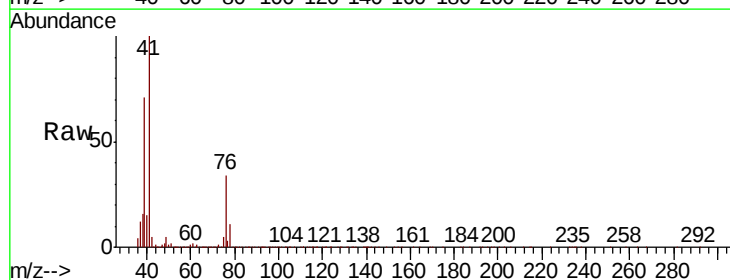
Tgt Ion: 41 Resp: 463550

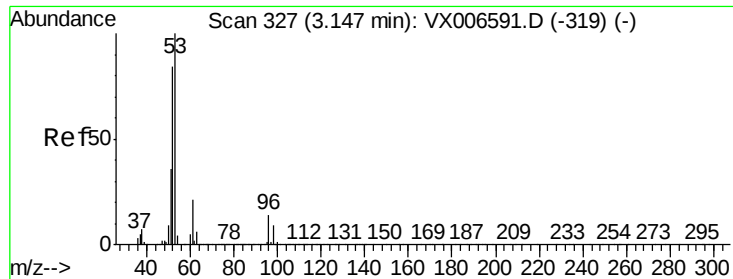
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 33.7 27.4 41.2

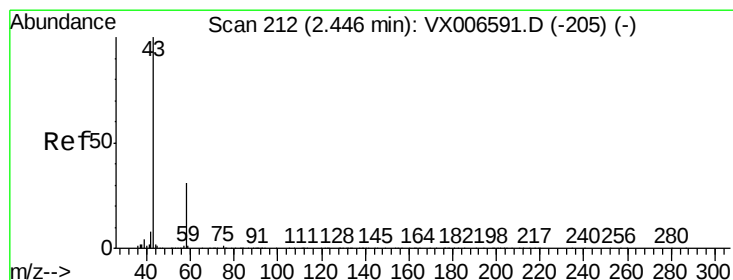
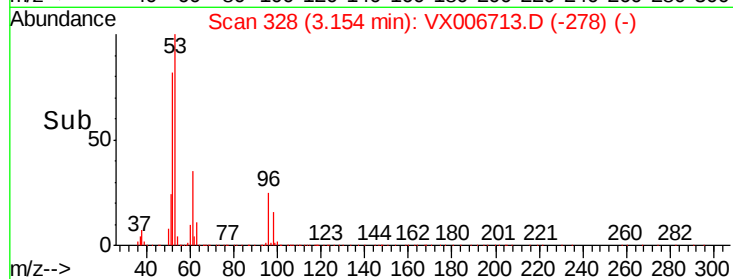
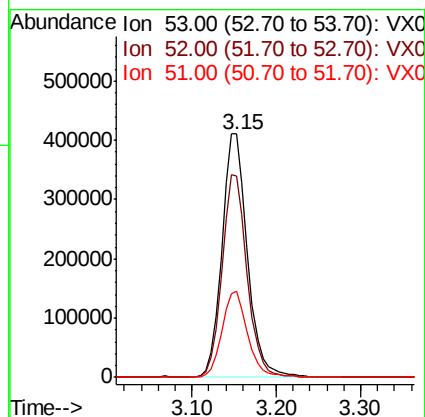
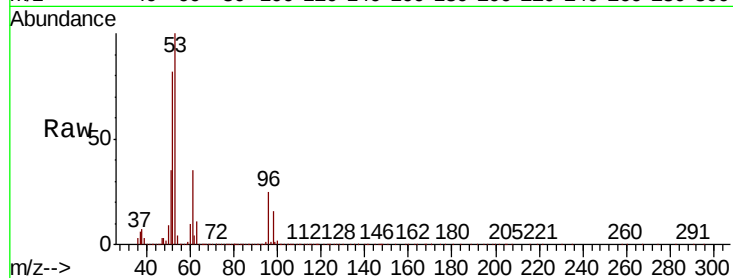




#15
 Acrylonitrile
 Concen: 242.893 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

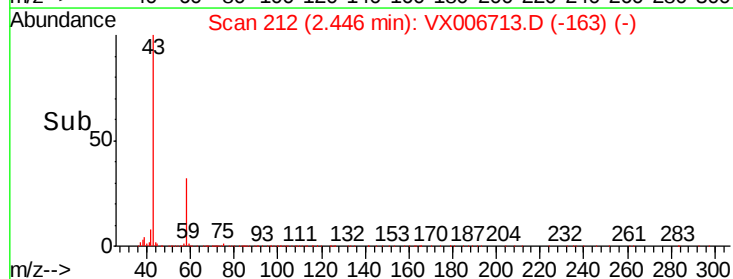
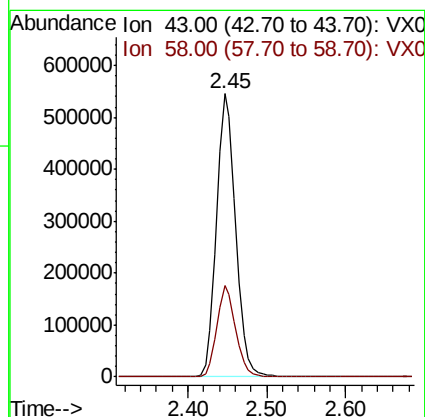
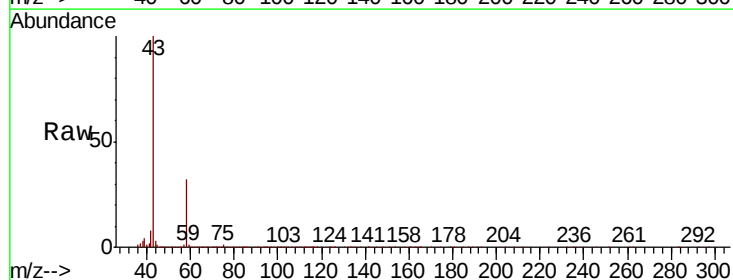
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

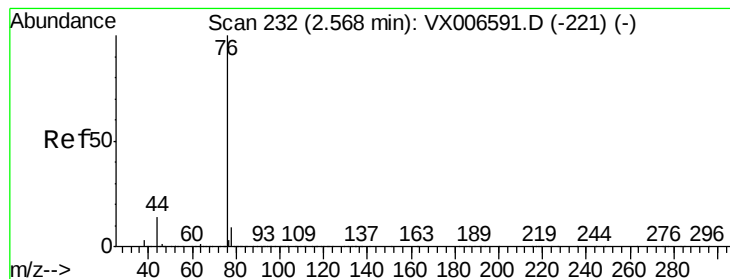
Tot Ion: 53 Resp: 849500
 Ion Ratio Lower Upper
 53 100
 52 82.1 66.0 99.0
 51 35.7 28.6 42.8



#16
 Acetone
 Concen: 283.119 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion: 43 Resp: 918082
 Ion Ratio Lower Upper
 43 100
 58 32.4 25.0 37.6





#17

Carbon Disulfide

Concen: 42.091 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

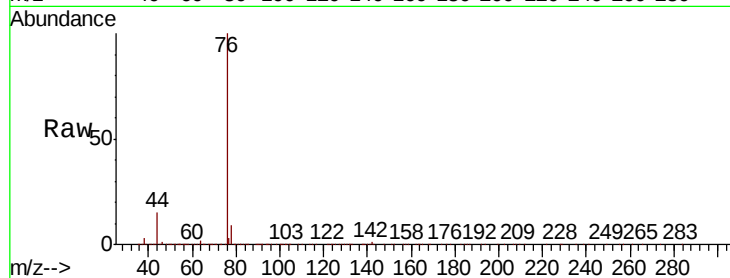
VSTDCCC050

Tot Ion: 76 Resp: 651765

Ion Ratio Lower Upper

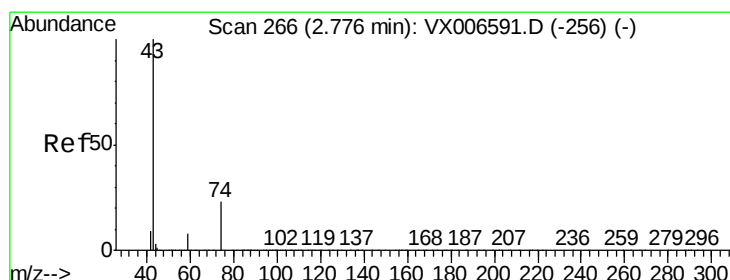
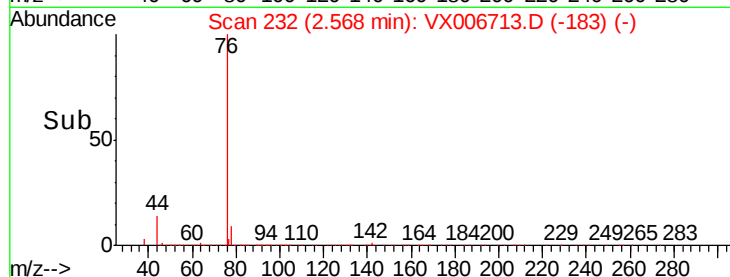
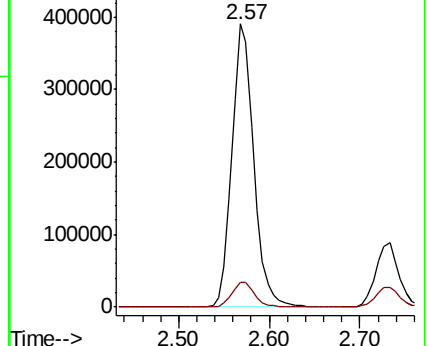
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.806 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006713.D

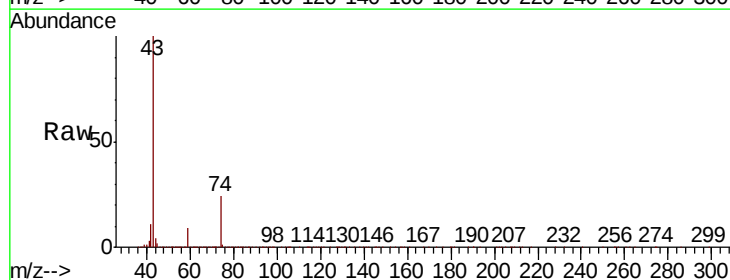
Acq: 21 Dec 2018 09:07

Tgt Ion: 43 Resp: 474915

Ion Ratio Lower Upper

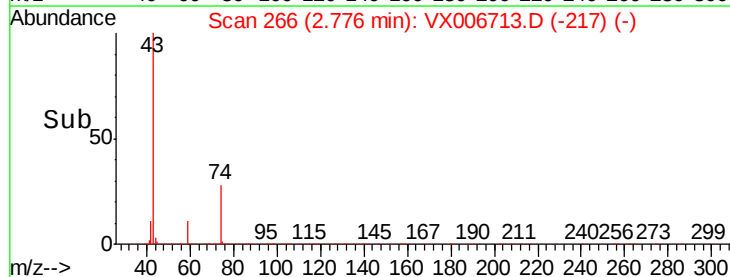
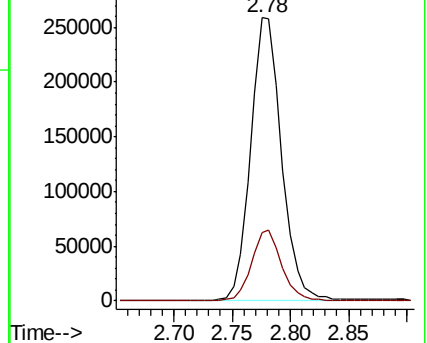
43 100

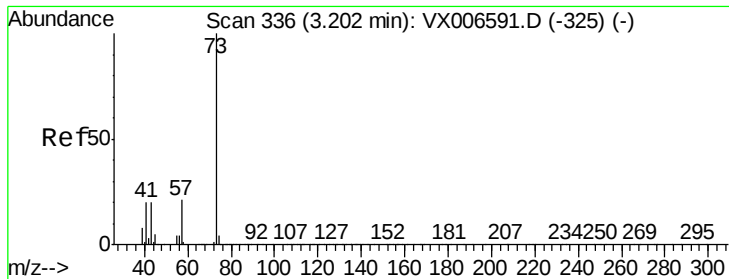
74 24.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

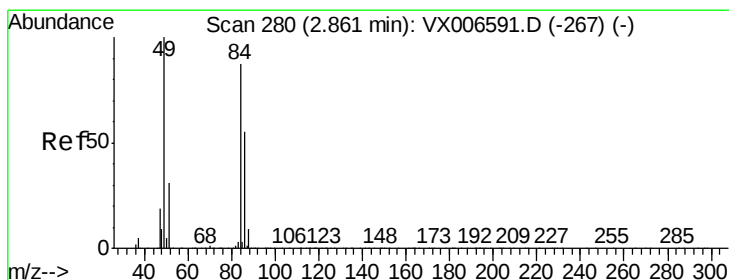
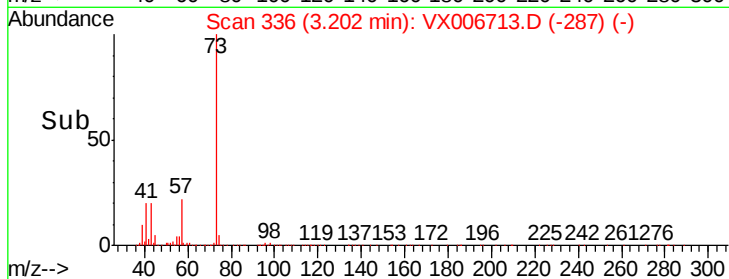
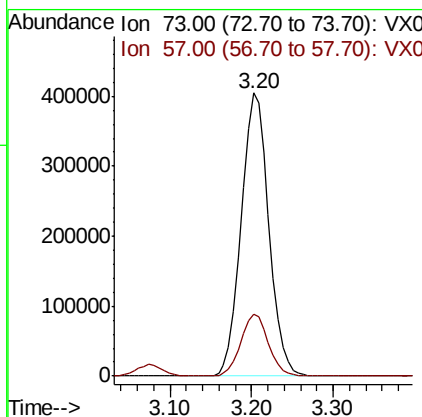
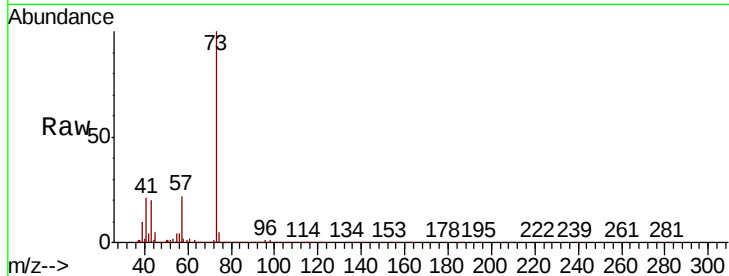




#19
Methvl tert-butvl Ether
Concen: 48.943 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

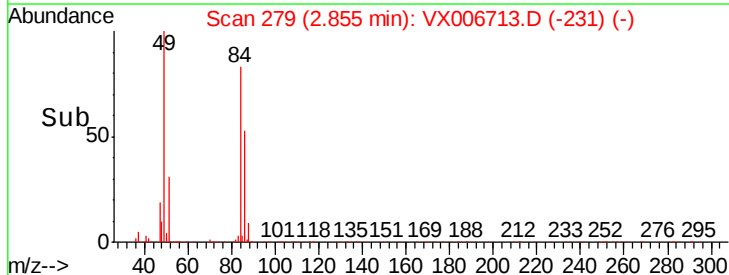
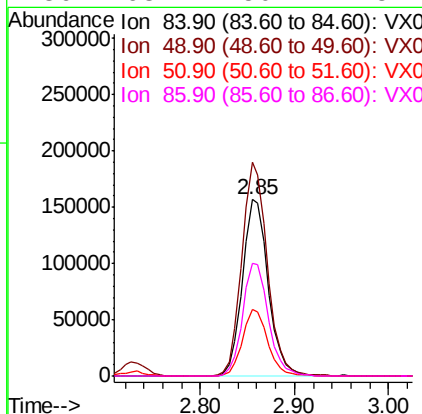
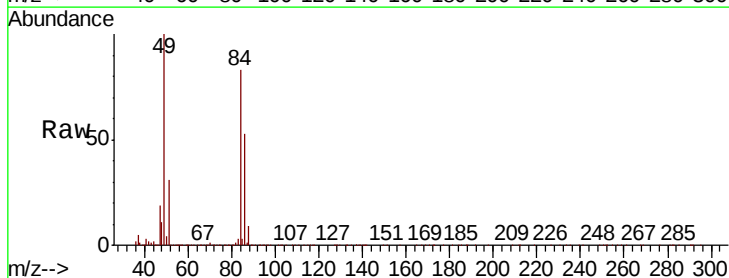
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

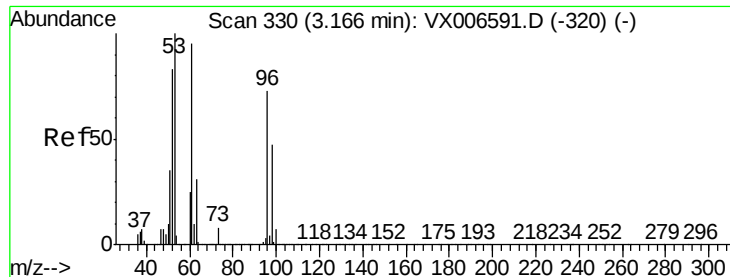
Tot Ion: 73 Resp: 950493
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2



#20
Methylene Chloride
Concen: 44.832 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 84 Resp: 300620
Ion Ratio Lower Upper
84 100
49 120.9 91.8 137.6
51 37.6 28.5 42.7
86 63.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.521 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

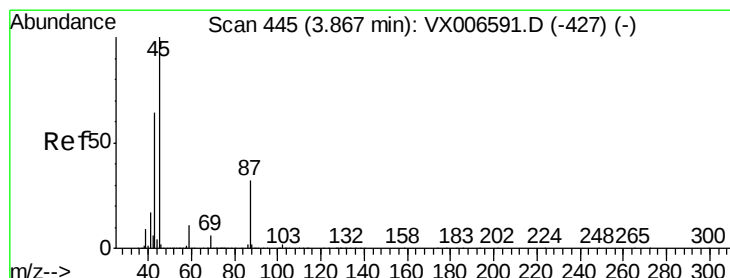
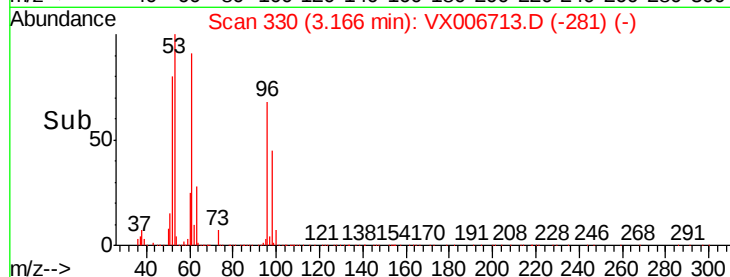
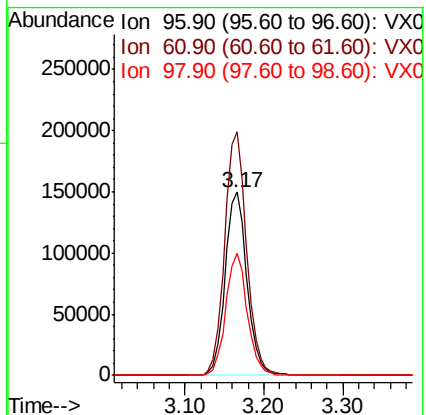
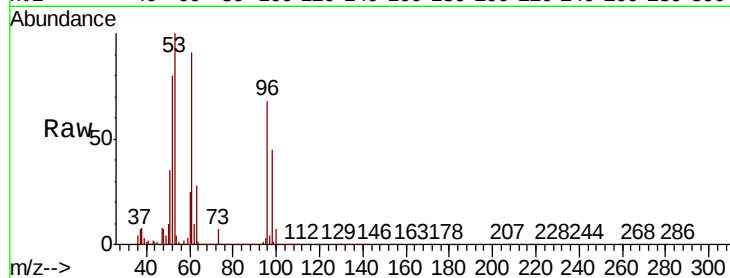
Tot Ion: 96 Resp: 288641

Ion Ratio Lower Upper

96 100

61 133.0 103.7 155.5

98 66.5 51.0 76.6



#22

Diisopropyl ether

Concen: 48.605 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion: 45 Resp: 875789

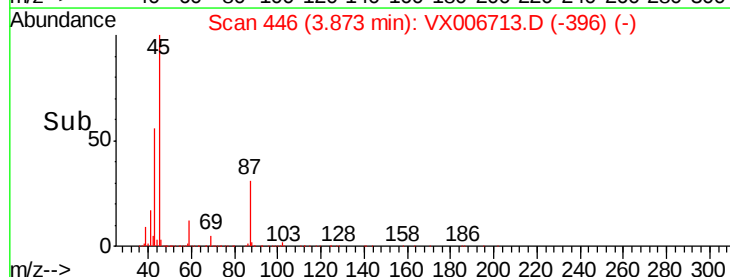
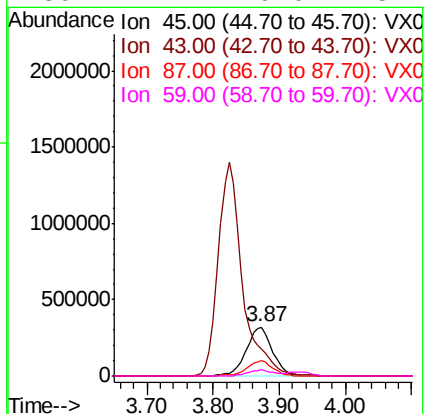
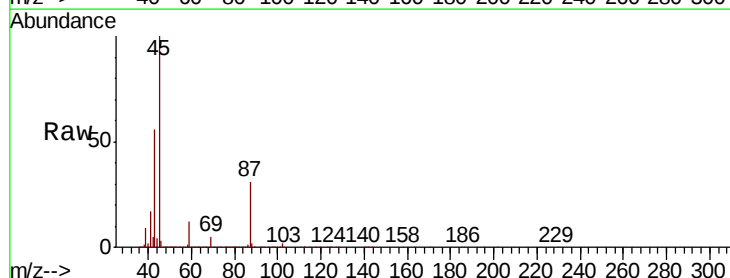
Ion Ratio Lower Upper

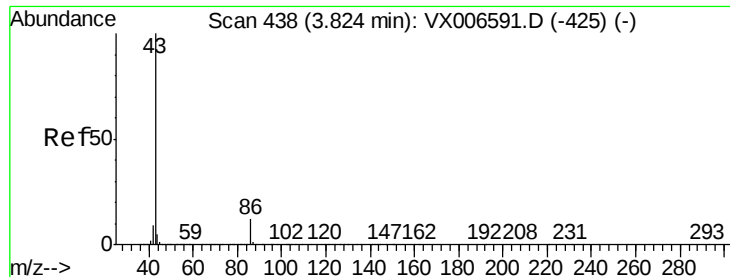
45 100

43 55.7 51.2 76.8

87 31.2 25.8 38.6

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 243.012 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

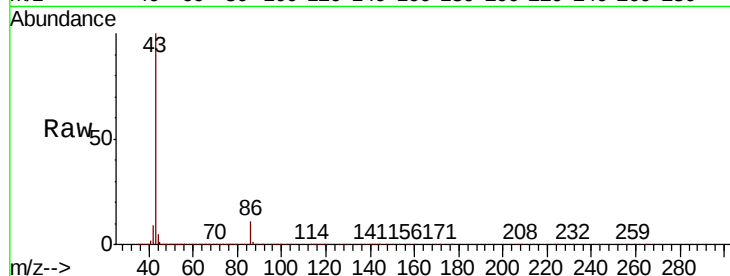
VSTDCCC050

Tot Ion: 43 Resp: 3581621

Ion Ratio Lower Upper

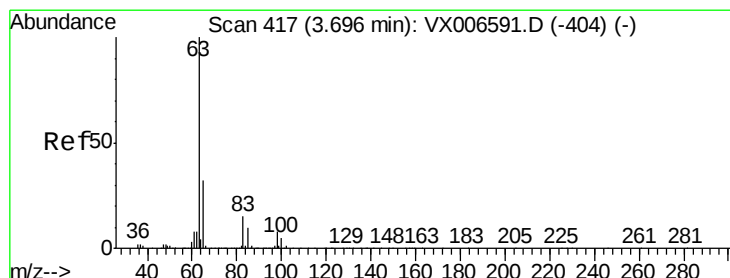
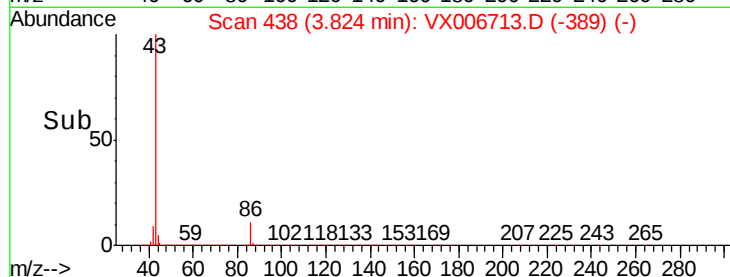
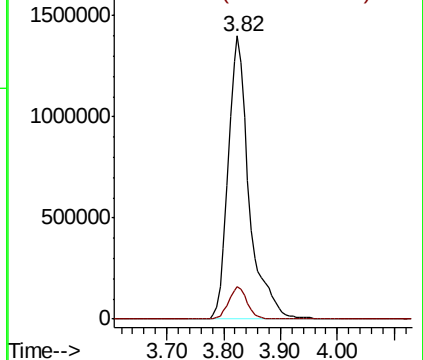
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.447 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

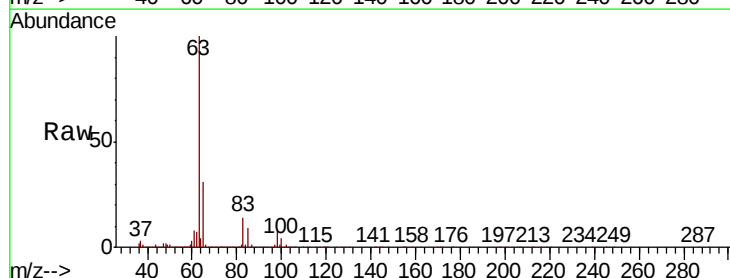
Tgt Ion: 63 Resp: 499585

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

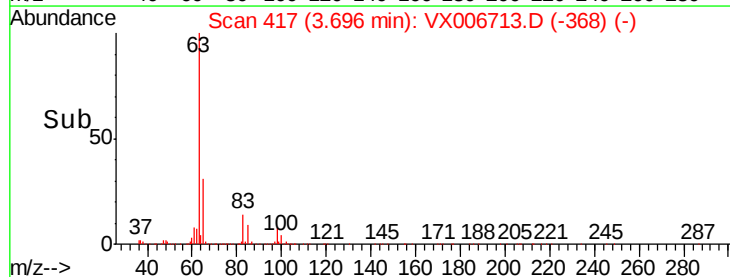
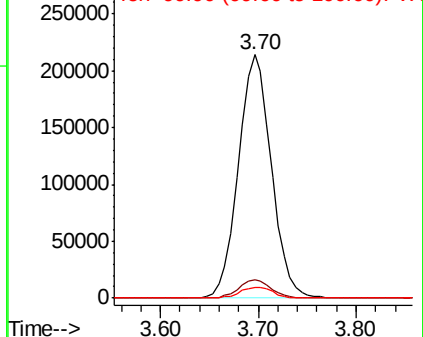
100 4.2 2.4 7.2

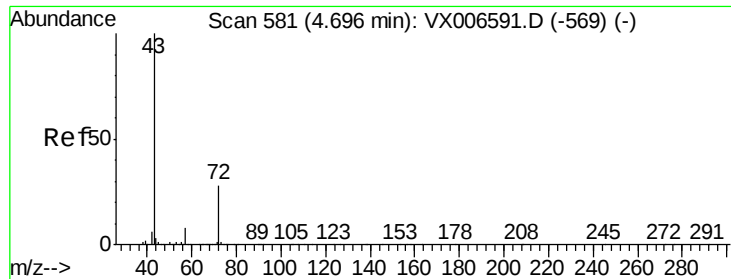


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 254.886 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

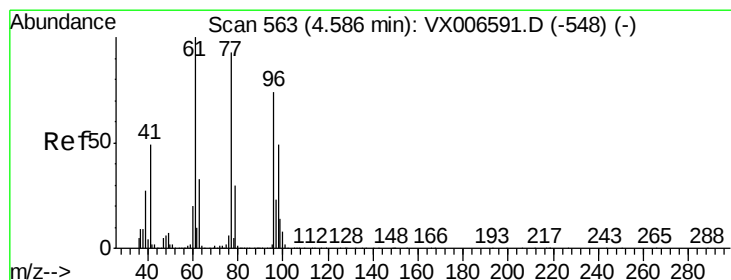
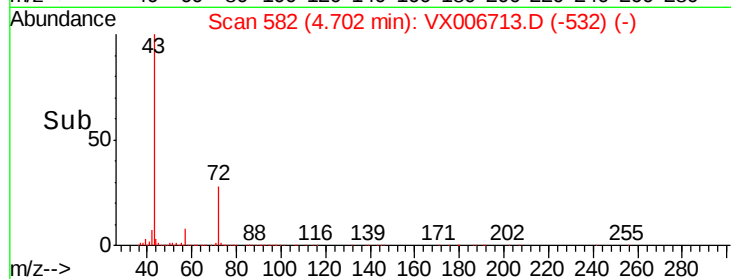
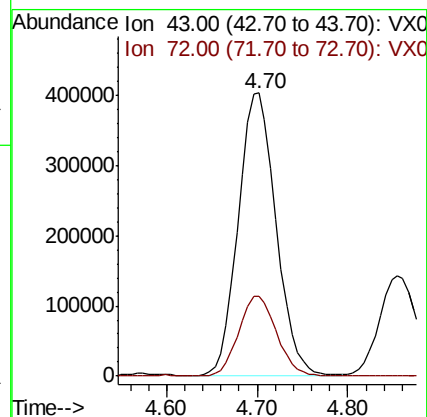
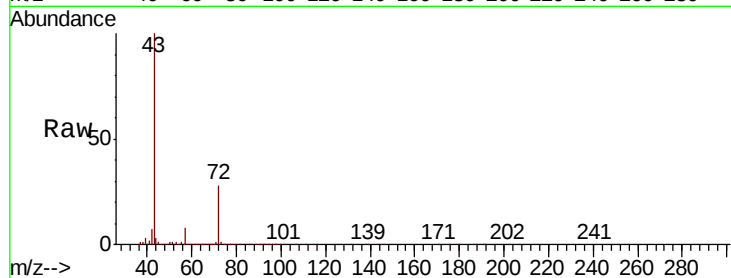
VSTDCCC050

Tot Ion: 43 Resp: 1162620

Ion Ratio Lower Upper

43 100

72 28.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 46.402 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006713.D

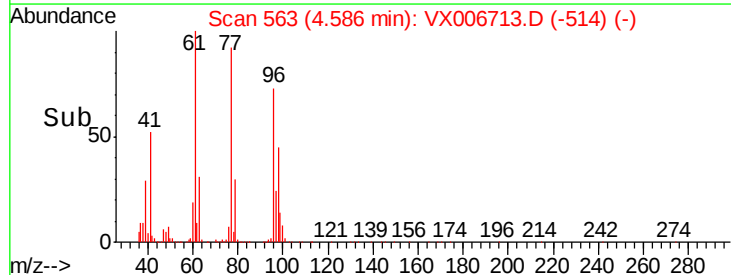
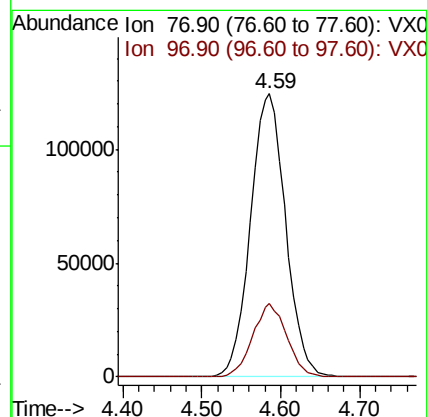
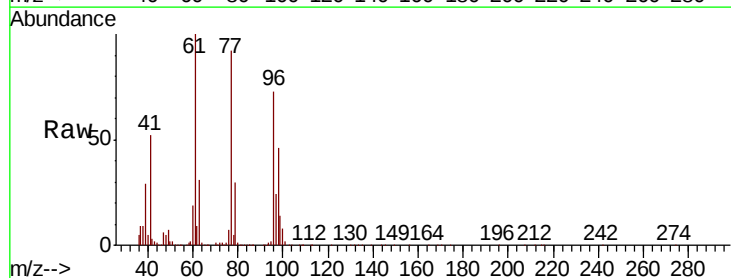
Acq: 21 Dec 2018 09:07

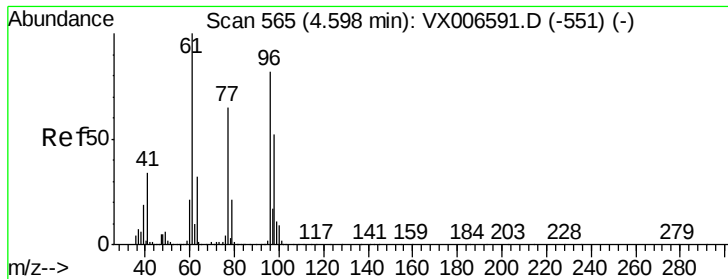
Tgt Ion: 77 Resp: 385541

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



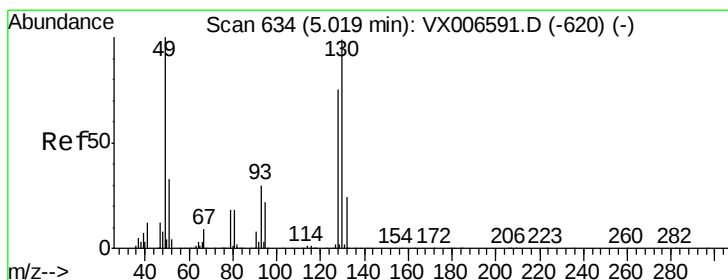
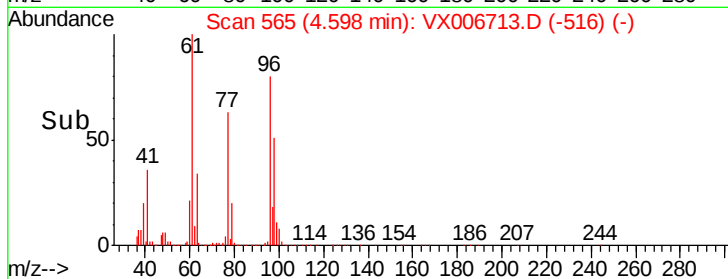
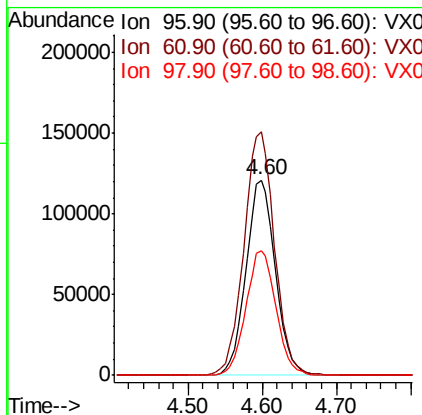
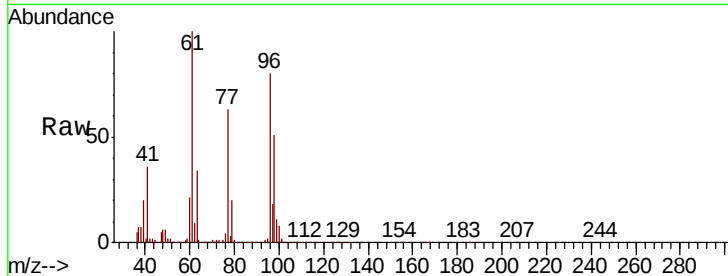


#27

cis-1,2-Dichloroethene
Concen: 46.966 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

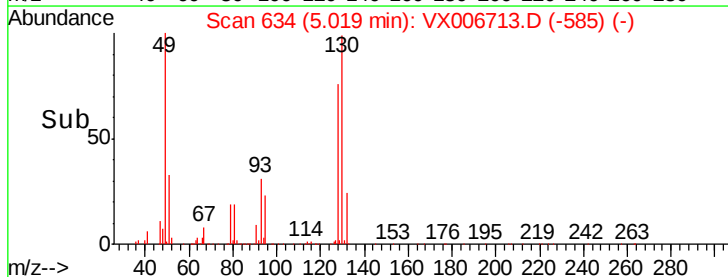
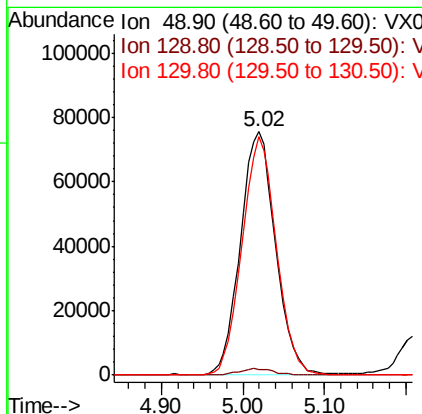
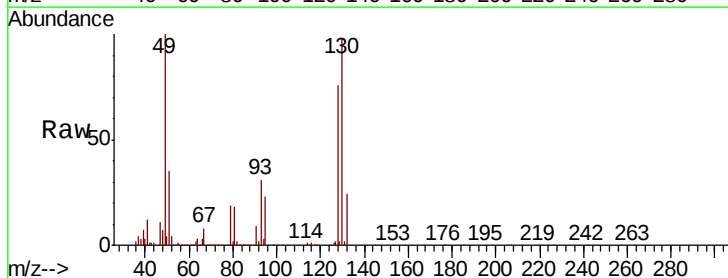
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	258.6
98	65.0	0.0	132.0

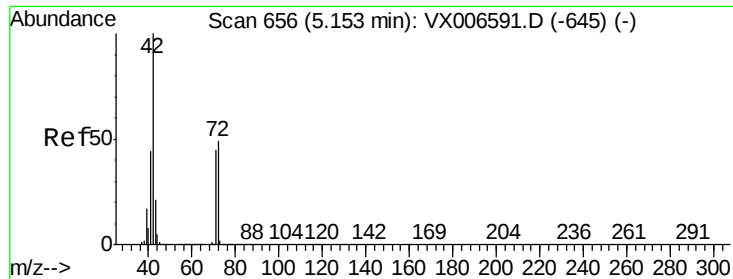


#28

Bromochloromethane
Concen: 49.445 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	96.4	77.7	116.5

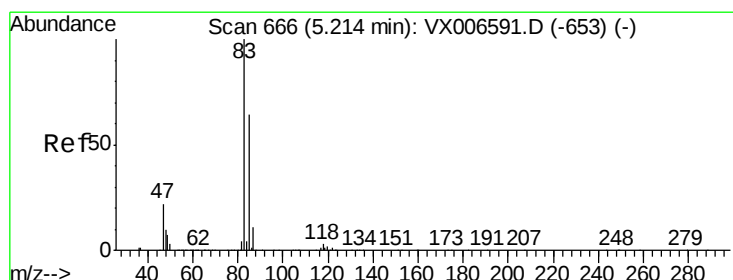
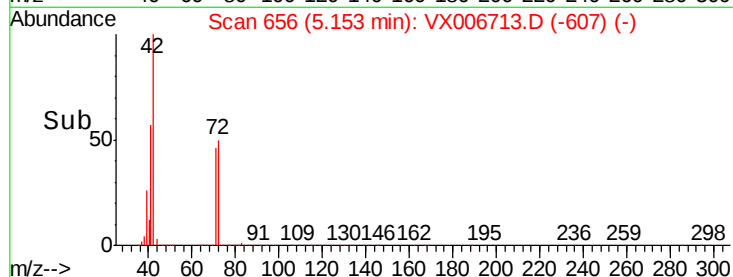
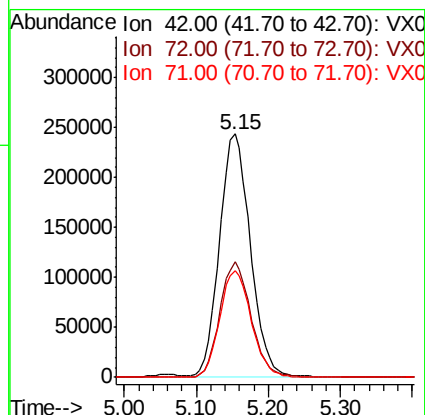
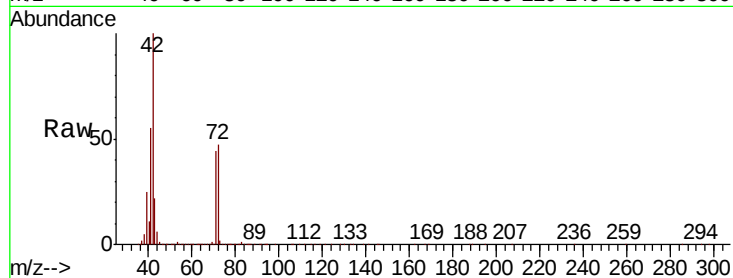




#29
Tetrahydrofuran
Concen: 241.727 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

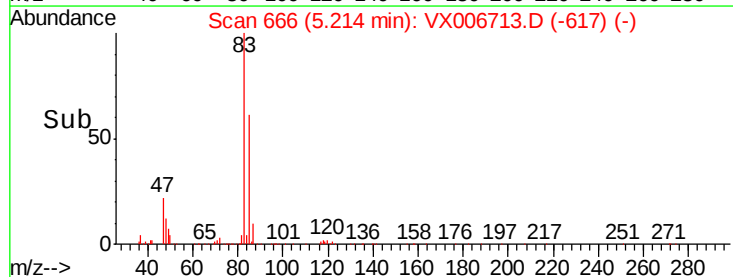
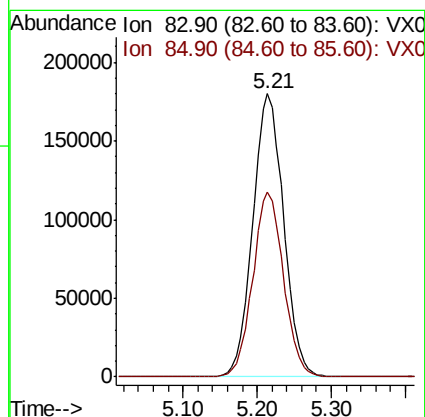
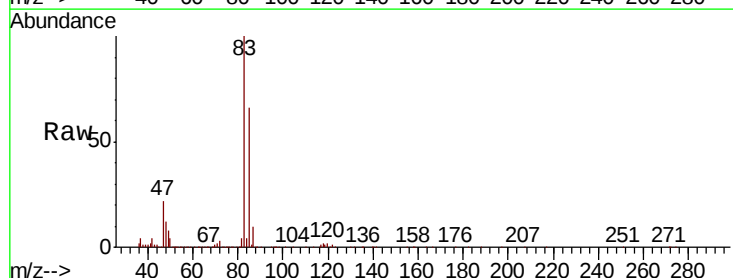
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

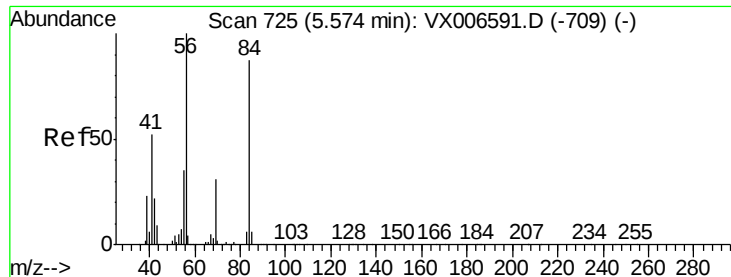
Tot Ion: 42 Resp: 726204
Ion Ratio Lower Upper
42 100
72 47.9 38.9 58.3
71 44.5 36.2 54.4



#30
Chloroform
Concen: 47.010 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 83 Resp: 523622
Ion Ratio Lower Upper
83 100
85 65.5 51.2 76.8





#31

Cyclohexane

Concen: 46.062 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

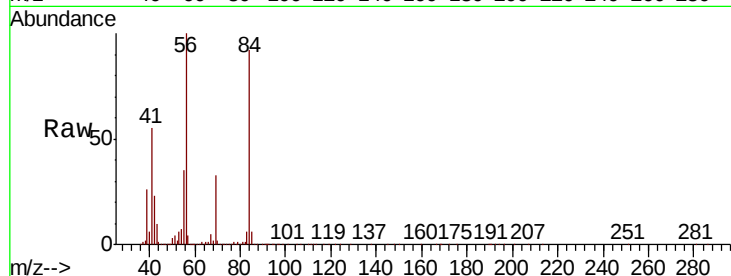
Tot Ion: 56 Resp: 450108

Ion Ratio Lower Upper

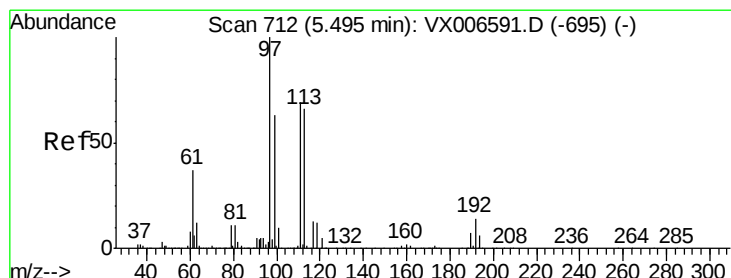
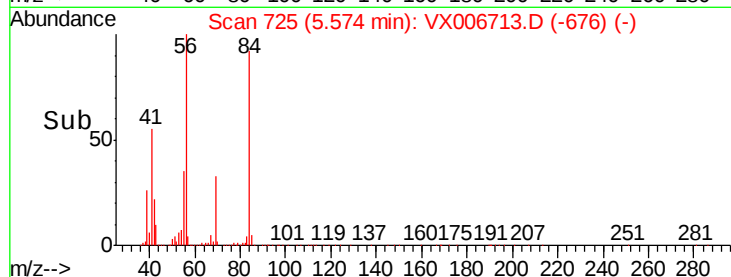
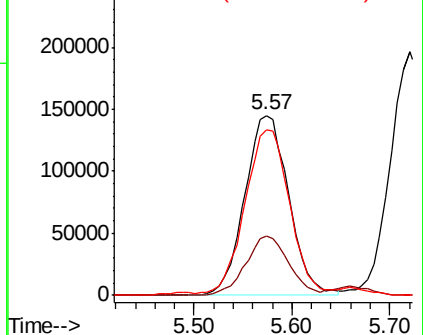
56 100

69 32.9 24.4 36.6

84 90.1 70.0 105.0



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: 47.542 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

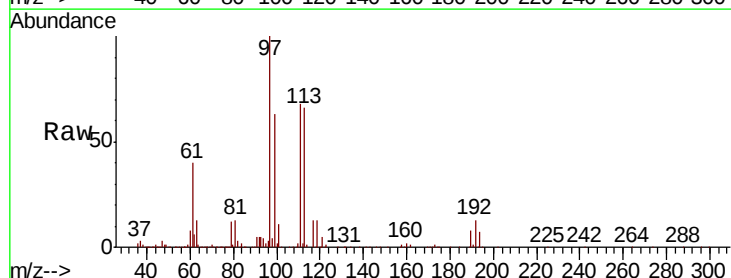
Tgt Ion: 97 Resp: 447141

Ion Ratio Lower Upper

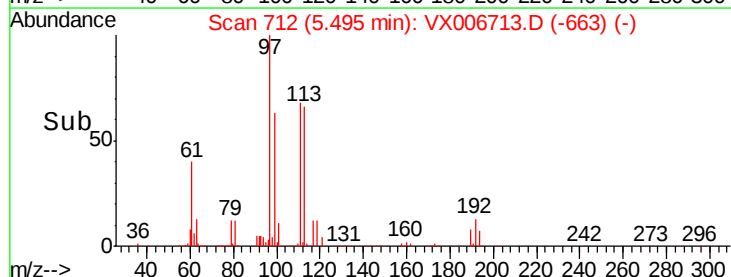
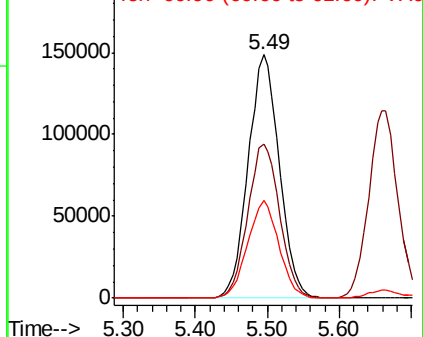
97 100

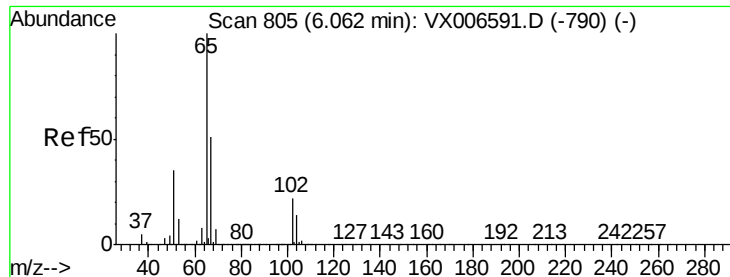
99 64.8 51.7 77.5

61 40.1 31.3 46.9



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





#33

1,2-Dichloroethane-d4

Concen: 46.712 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

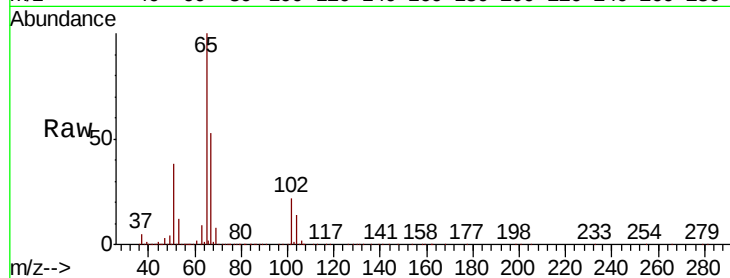
VSTDCCC050

Tot Ion: 65 Resp: 329704

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

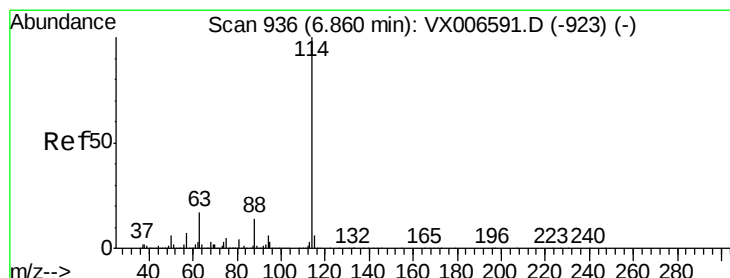
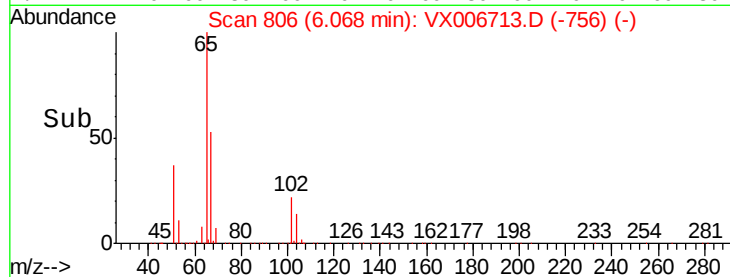
100000

50000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

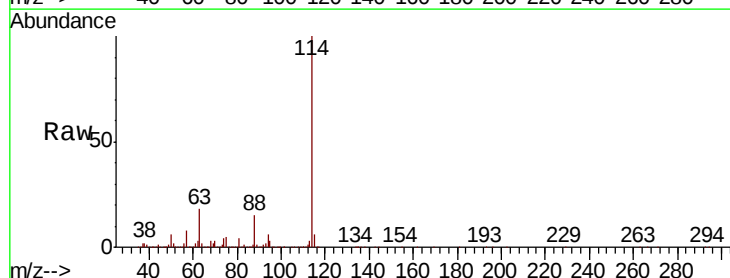
Tgt Ion: 114 Resp: 954779

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

300000

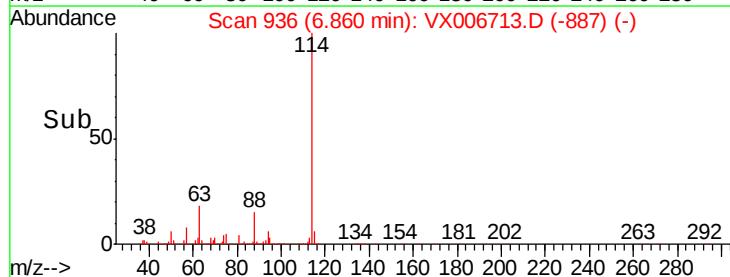
200000

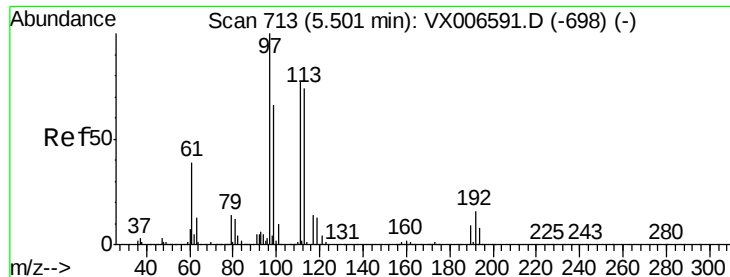
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.830 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

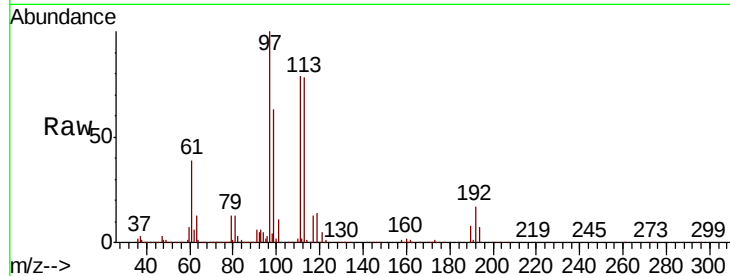
Tot Ion:113 Resp: 306904

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

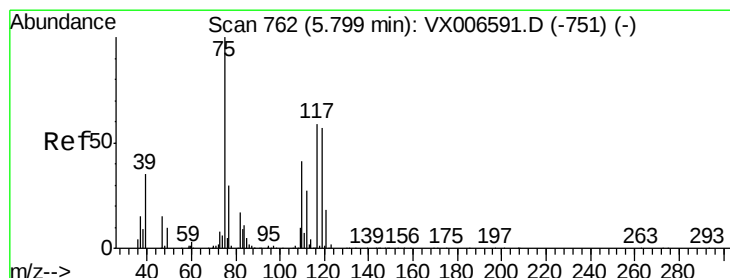
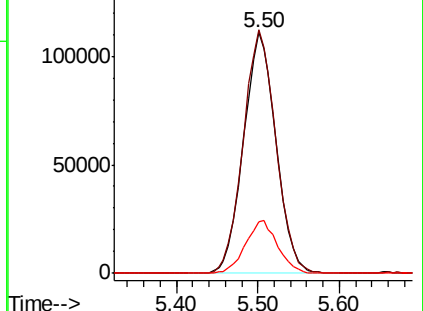
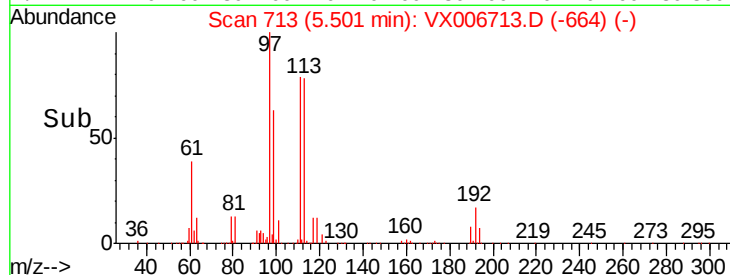
192 21.9 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.296 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

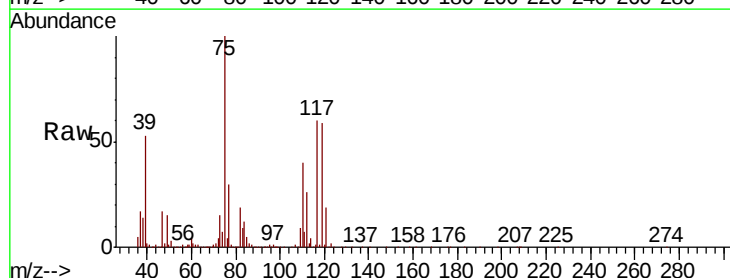
Tgt Ion: 75 Resp: 389819

Ion Ratio Lower Upper

75 100

110 40.2 20.2 60.5

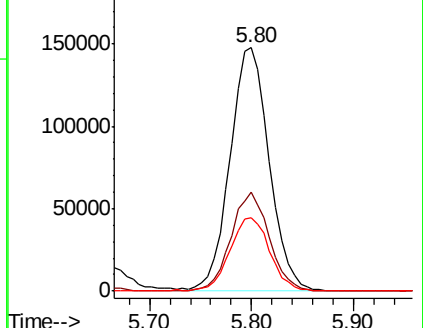
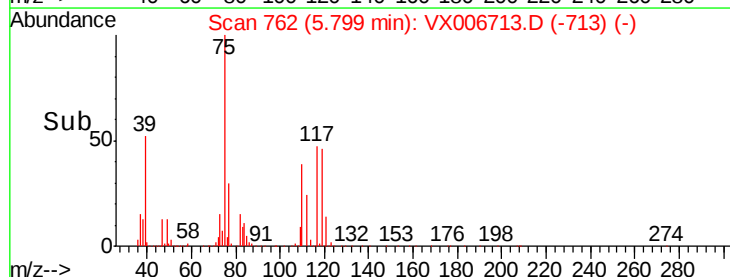
77 30.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

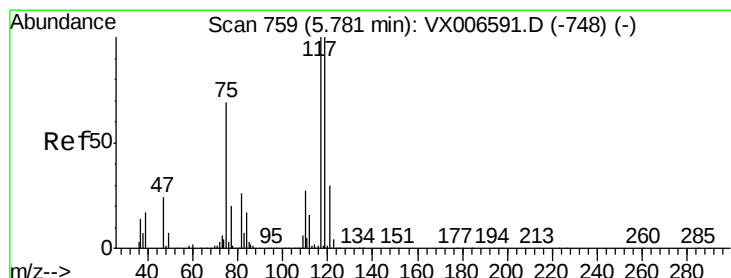
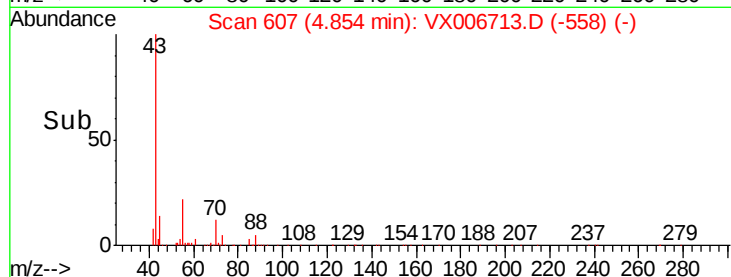
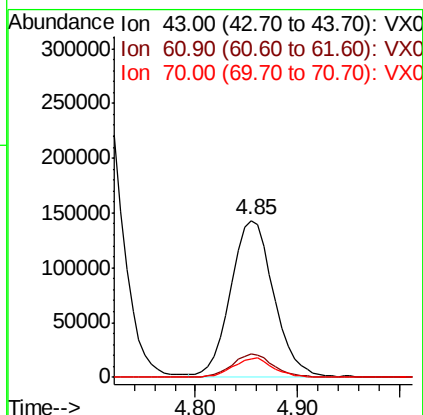
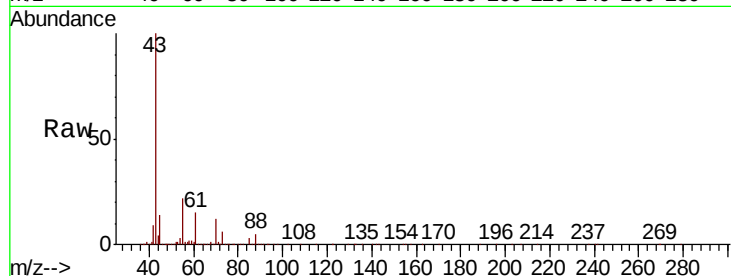




#37
Ethyl Acetate
Concen: 50.350 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

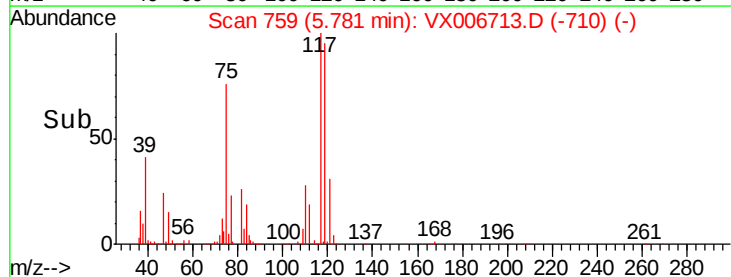
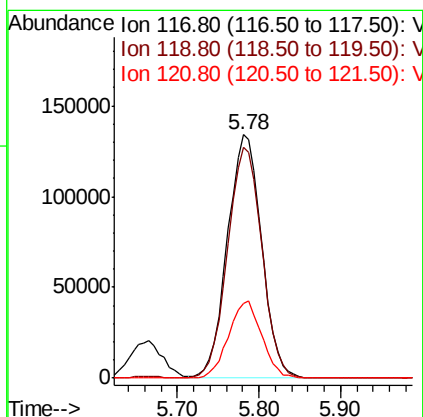
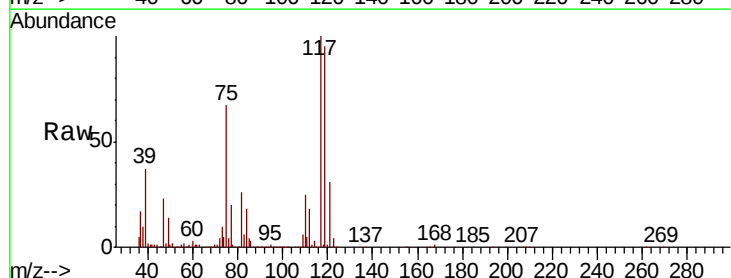
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

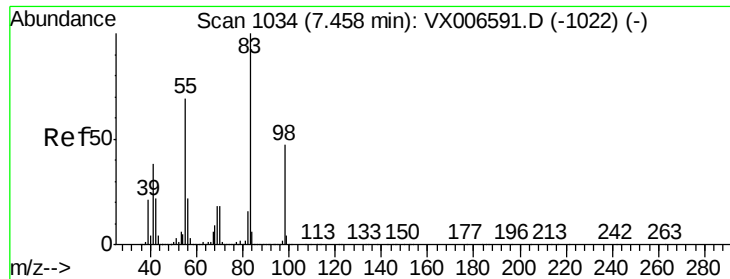
Tot Ion: 43 Resp: 414412
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.6 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.384 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 117 Resp: 387207
Ion Ratio Lower Upper
117 100
119 94.9 79.4 119.2
121 30.7 24.0 36.0

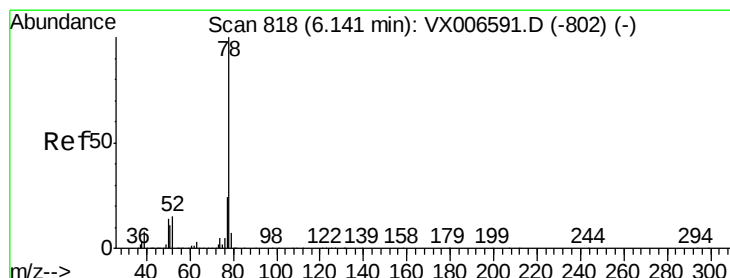
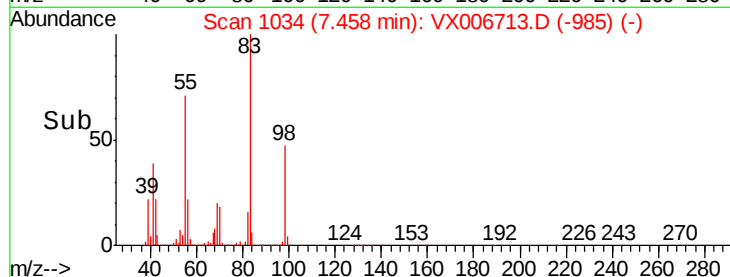
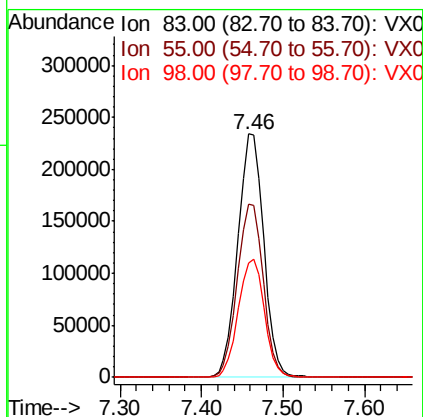
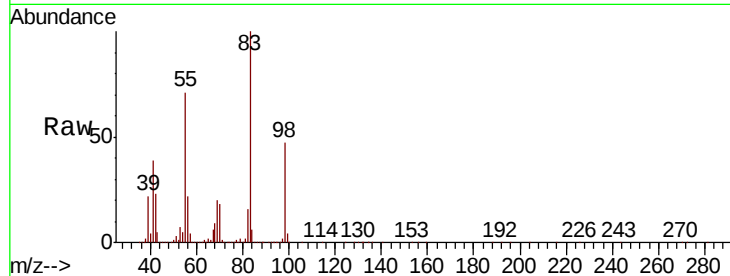




#39
Methvlcvclohexane
Concen: 49.415 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

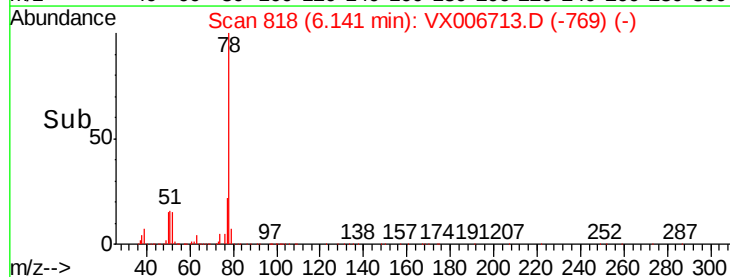
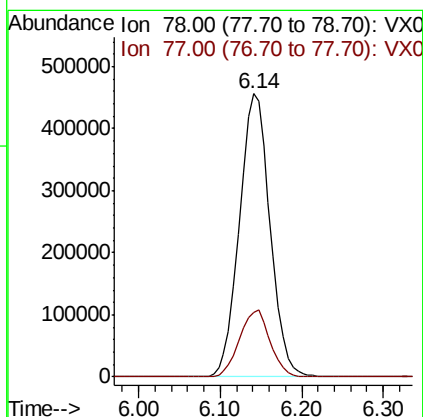
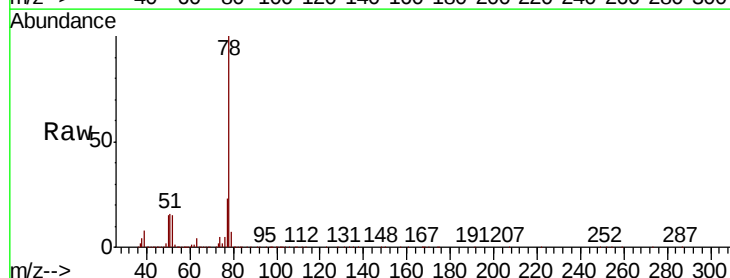
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

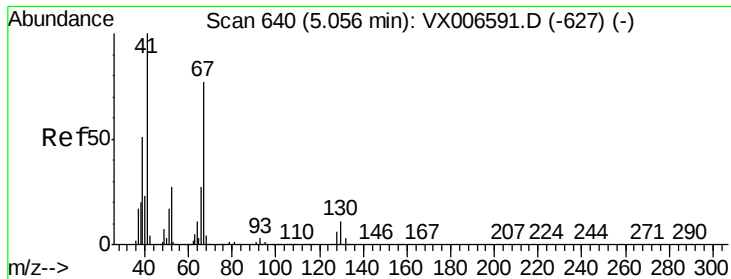
Tot Ion: 83 Resp: 514450
Ion Ratio Lower Upper
83 100
55 71.3 54.9 82.3
98 47.2 37.9 56.9



#40
Benzene
Concen: 49.342 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 78 Resp: 1186039
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8





#41

Methacrylonitrile

Concen: 53.198 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 232464

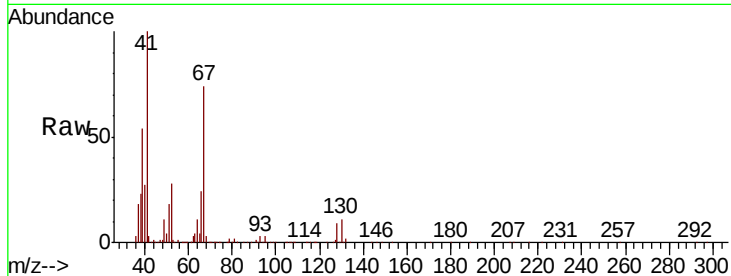
Ion Ratio Lower Upper

41 100

39 54.9 42.8 64.2

67 76.8 62.1 93.1

52 30.6 23.4 35.0



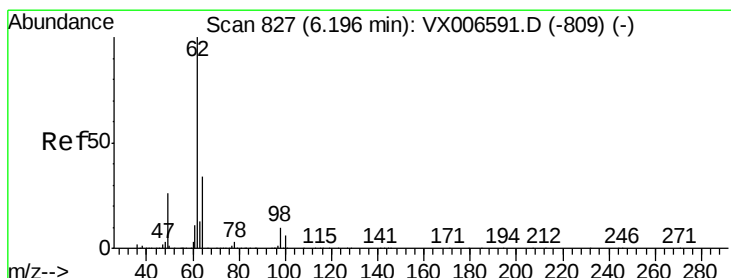
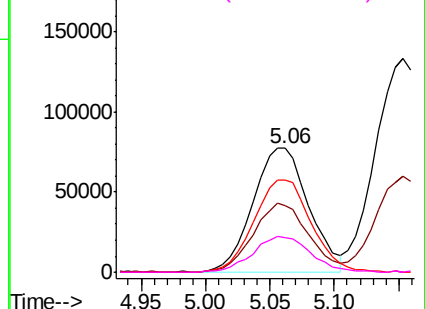
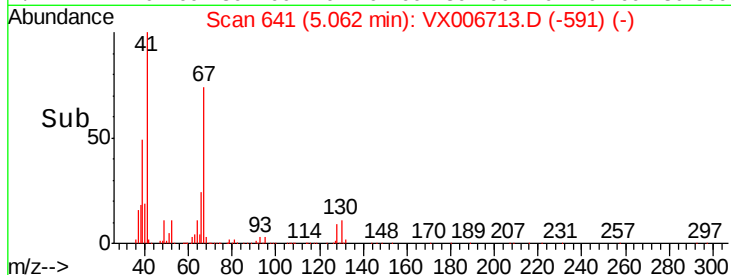
Abundance

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: 48.198 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006713.D

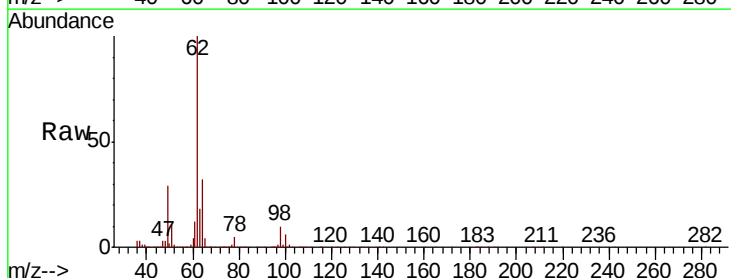
Acq: 21 Dec 2018 09:07

Tgt Ion: 62 Resp: 394780

Ion Ratio Lower Upper

62 100

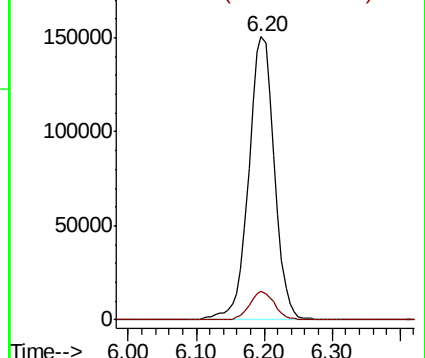
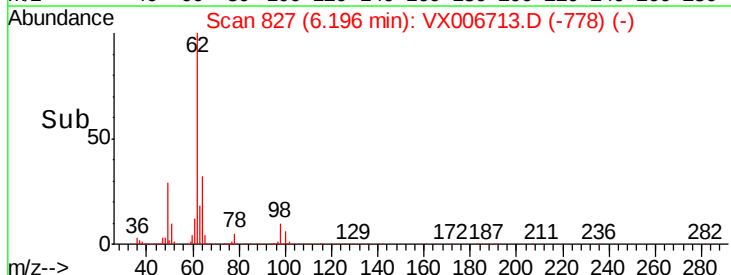
98 9.9 0.0 20.2

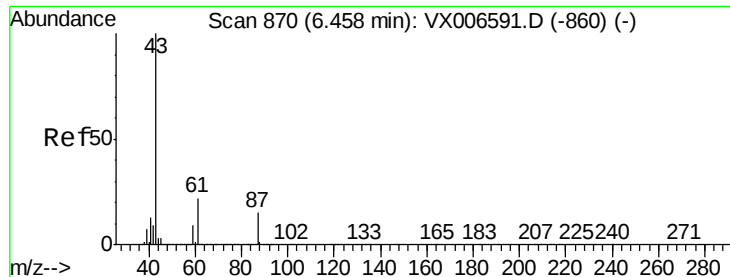


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



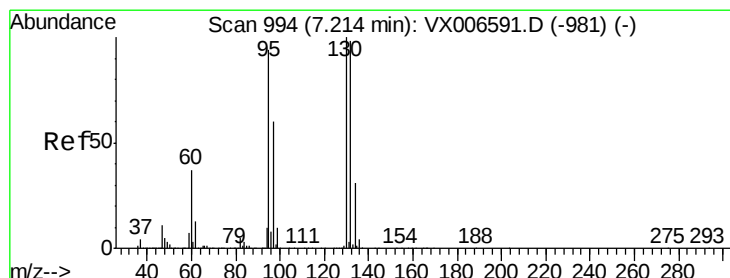
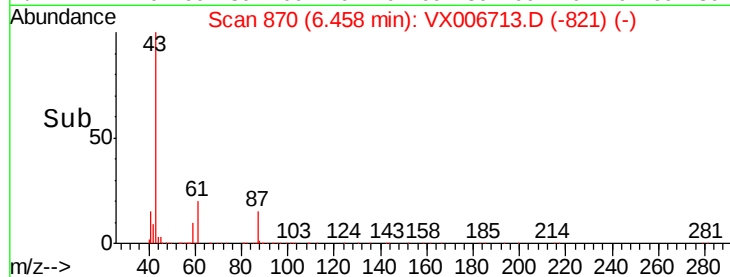
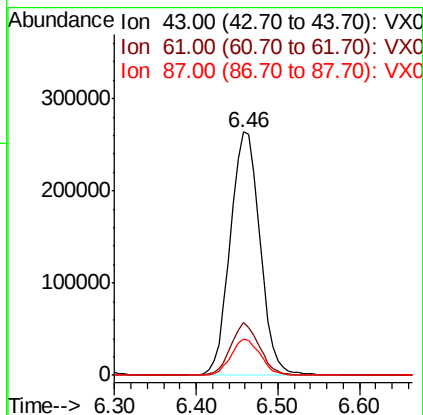
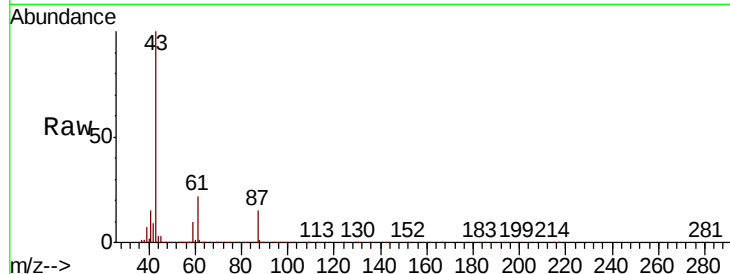


#43

Isopropyl Acetate
 Concen: 52.946 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

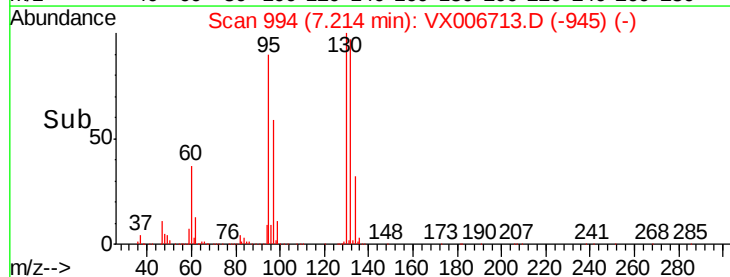
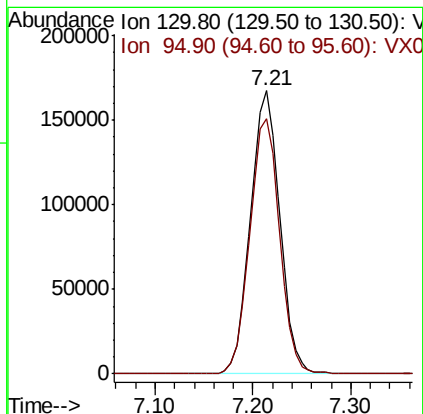
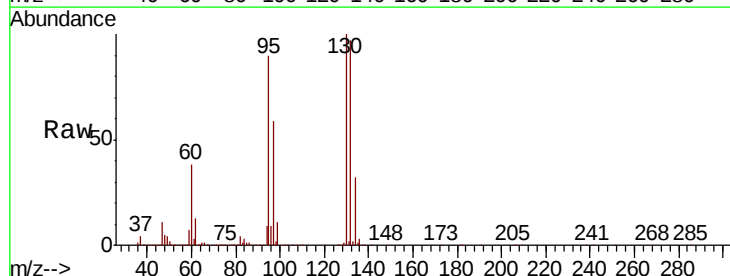
Tot Ion	43	Resp	663047
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.8	25.2
87	14.5	12.4	18.6



#44

Trichloroethene
 Concen: 48.319 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion	130	Resp	351535
Ion Ratio	Lower	Upper	
130	100		
95	90.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.816 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

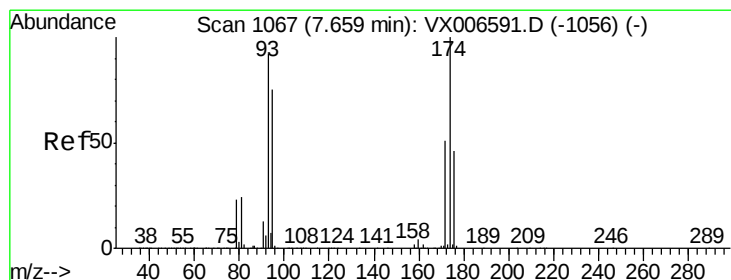
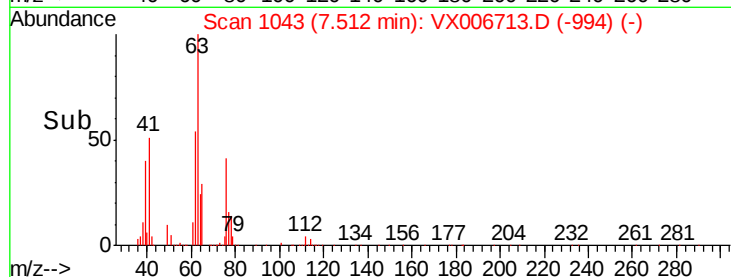
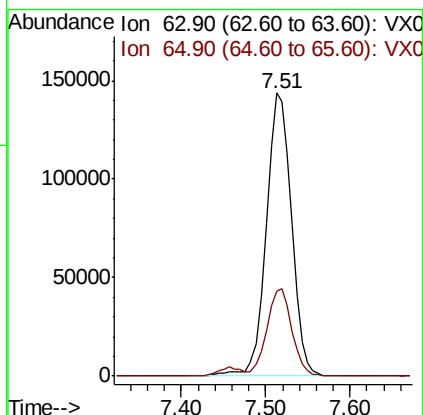
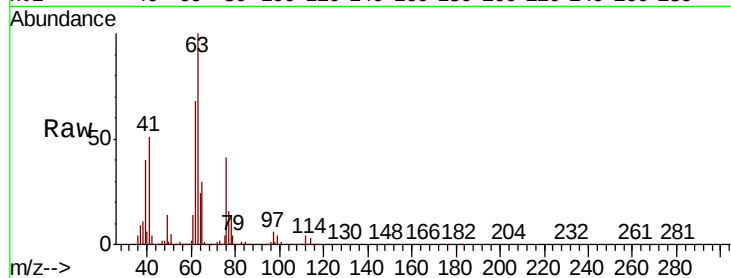
VSTDCCC050

Tot Ion: 63 Resp: 297241

Ion Ratio Lower Upper

63 100

65 30.2 25.4 38.0



#46

Dibromomethane

Concen: 48.796 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

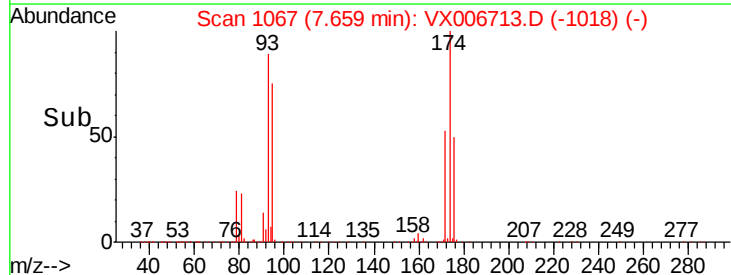
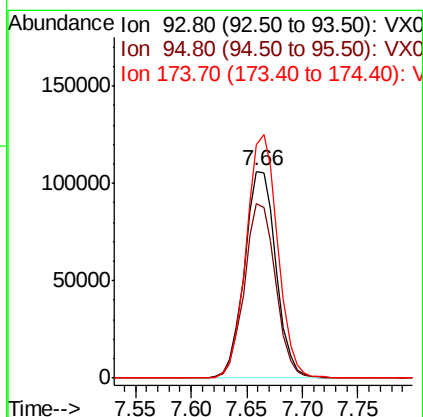
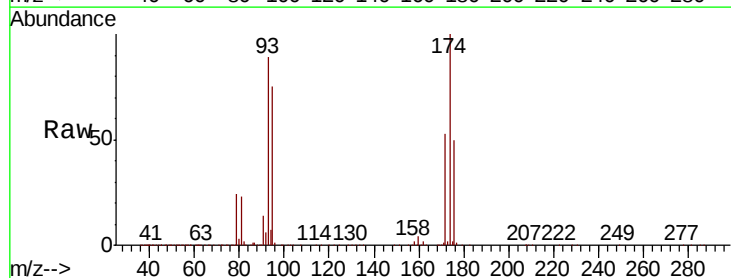
Tgt Ion: 93 Resp: 209947

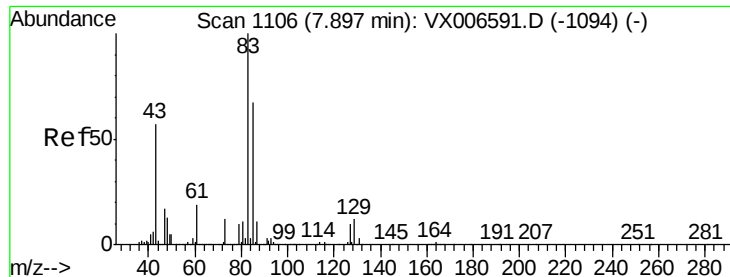
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 117.4 91.0 136.4

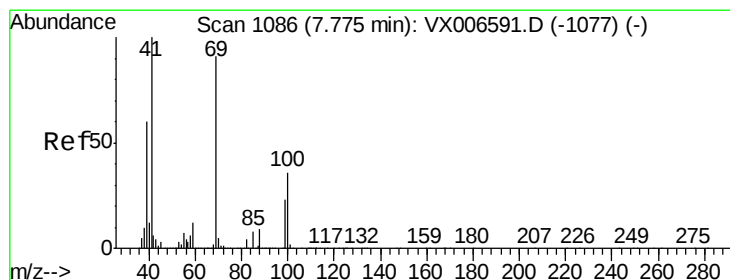
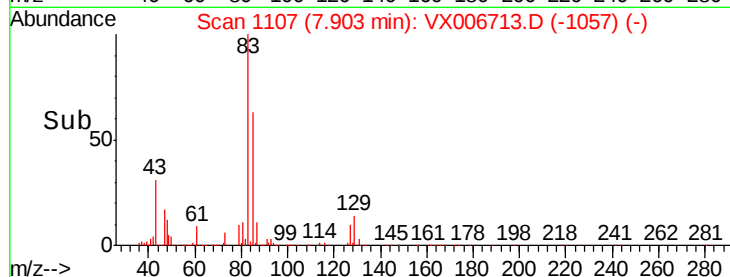
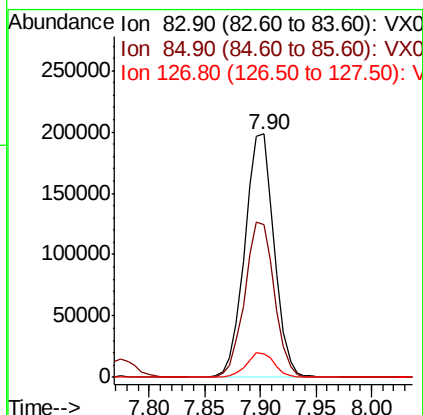
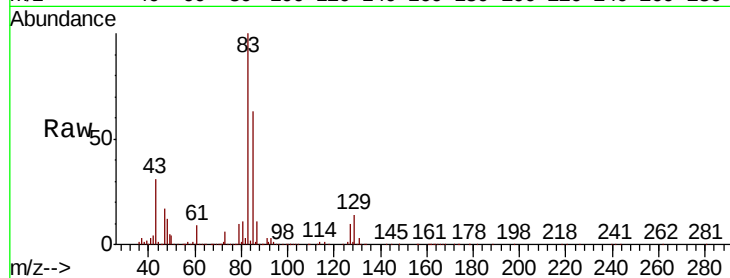




#47
Bromodichloromethane
Concen: 50.794 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

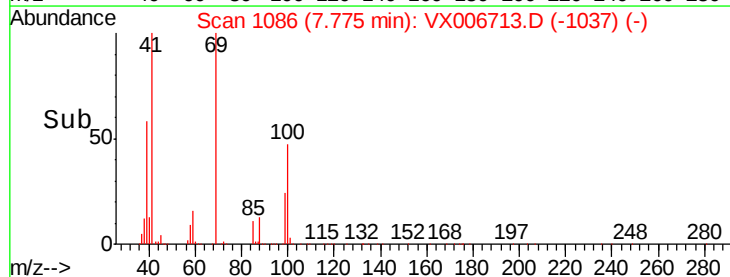
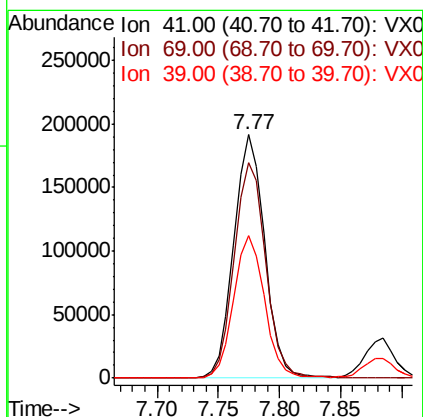
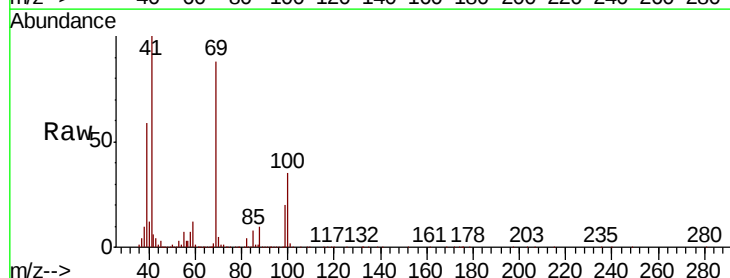
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 362831
Ion Ratio Lower Upper
83 100
85 62.8 53.2 79.8
127 9.8 7.8 11.6



#48
Methyl methacrylate
Concen: 52.592 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 41 Resp: 334926
Ion Ratio Lower Upper
41 100
69 90.7 72.4 108.6
39 58.4 45.8 68.8

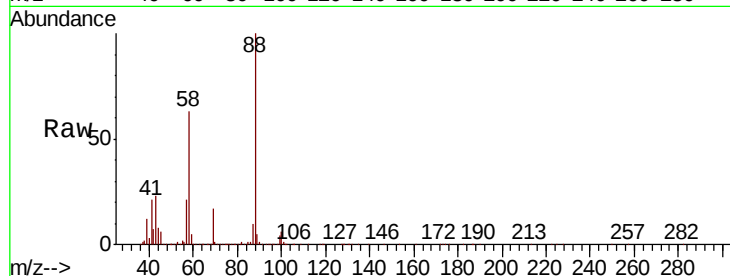




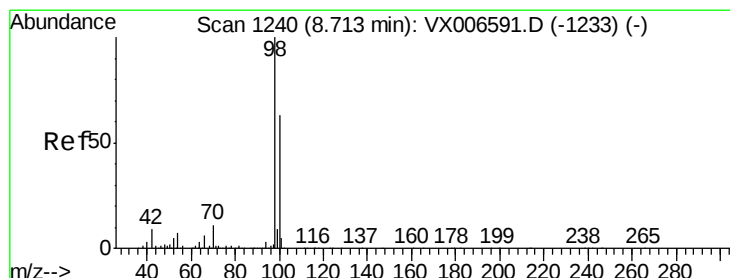
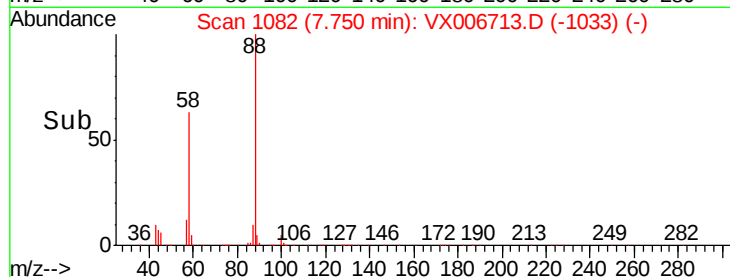
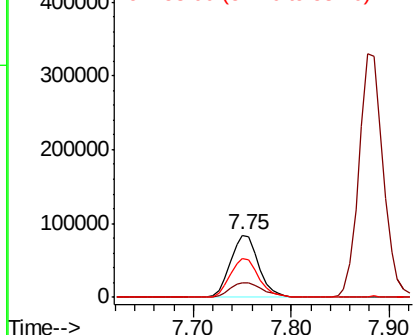
#49
1,4-Dioxane
Concen: 1006.610 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 167705
Ion Ratio Lower Upper
88 100
43 27.8 22.2 33.4
58 64.0 51.0 76.4

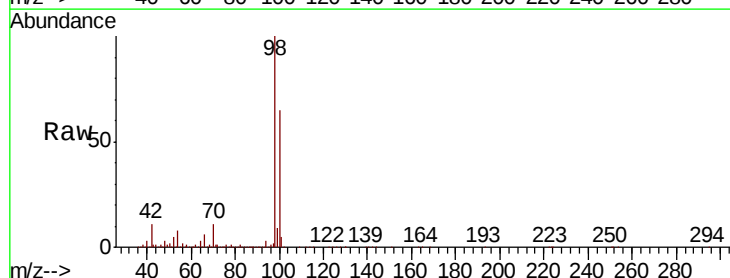


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

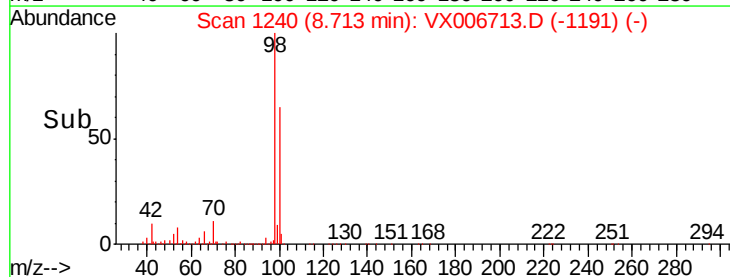
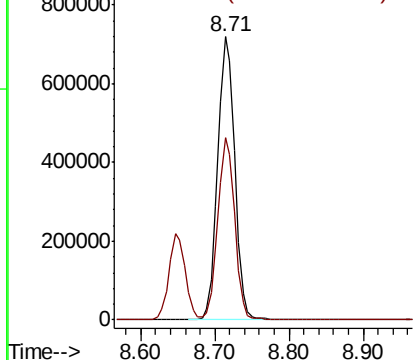


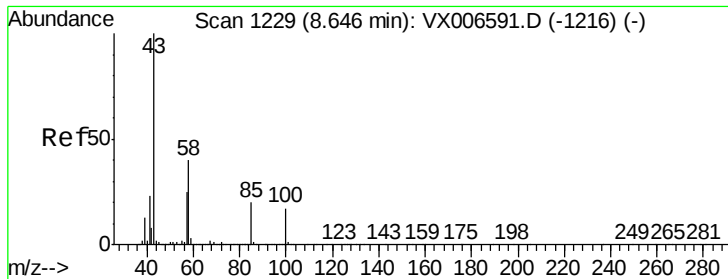
#50
Toluene-d8
Concen: 49.873 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 98 Resp: 1135246
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 260.749 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

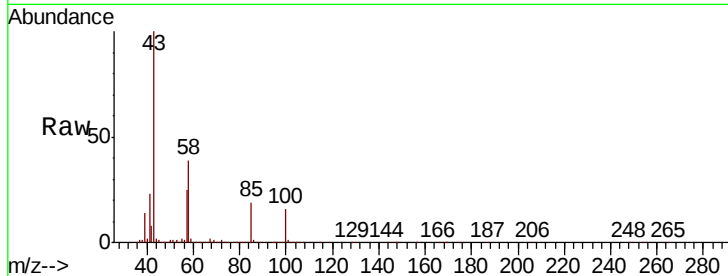
VSTDCCC050

Tot Ion: 43 Resp: 2077678

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

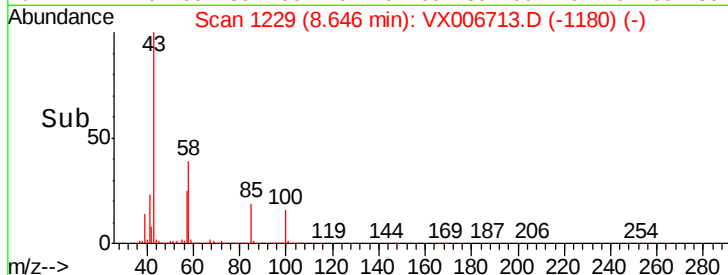
1500000

1000000

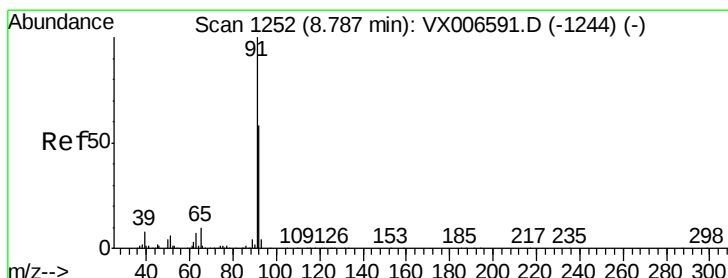
500000

0

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 50.147 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006713.D

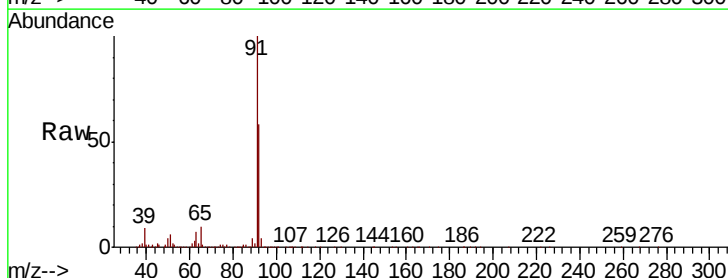
Acq: 21 Dec 2018 09:07

Tgt Ion: 92 Resp: 778727

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

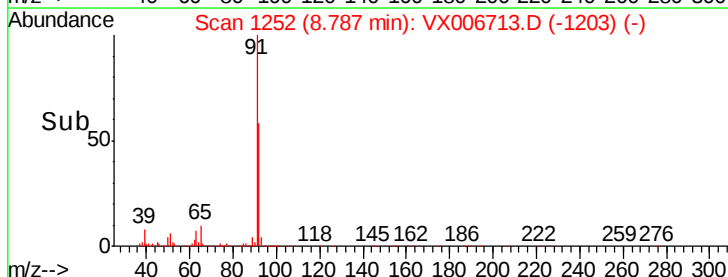
600000

400000

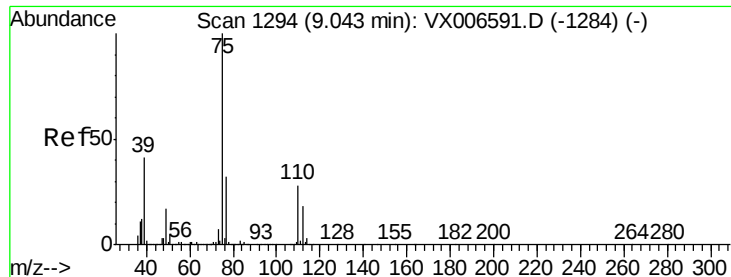
200000

0

8.70 8.80 8.90



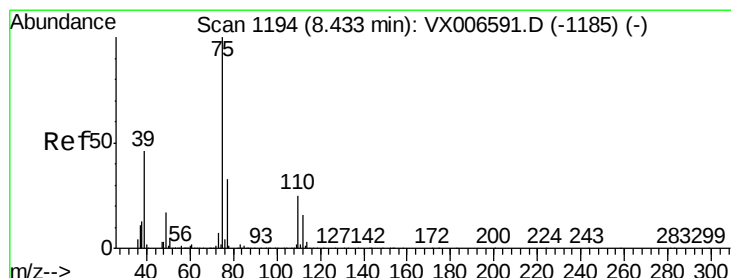
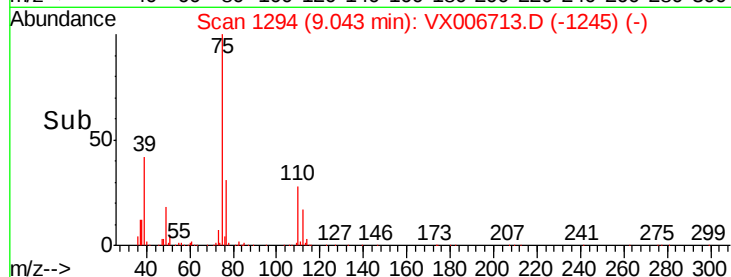
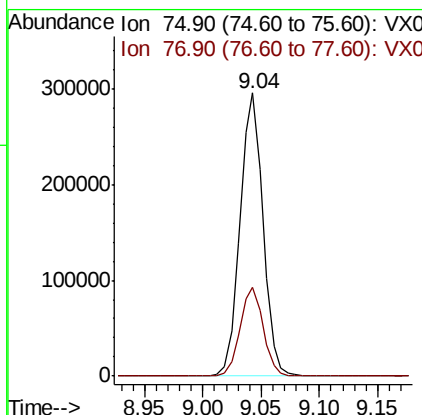
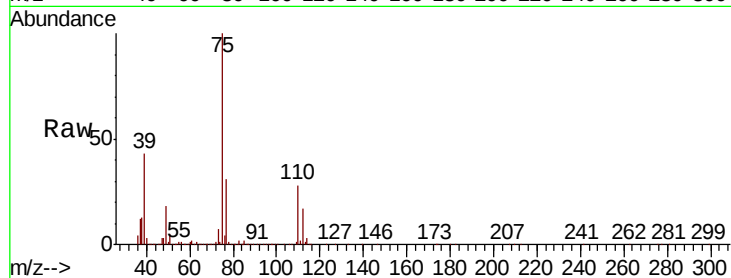
Time-->



#53
 t-1,3-Dichloropropene
 Concen: 53.248 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

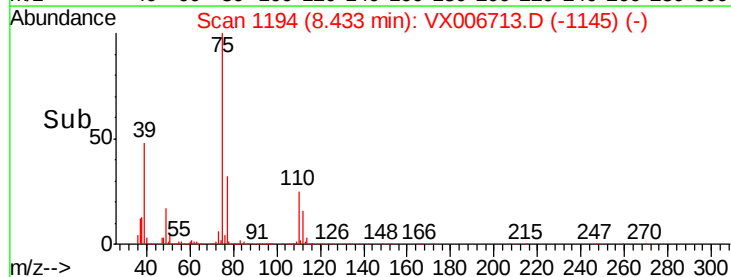
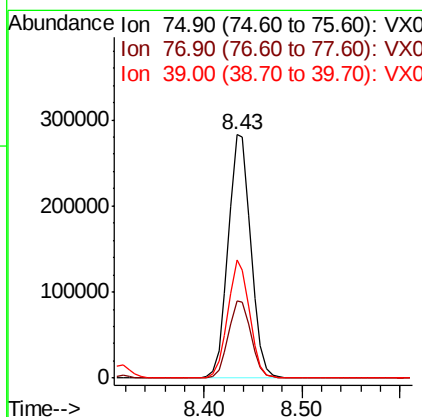
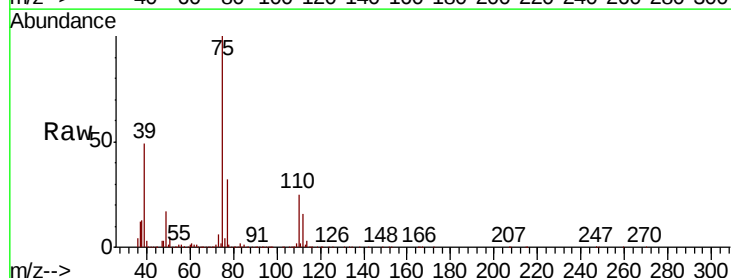
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

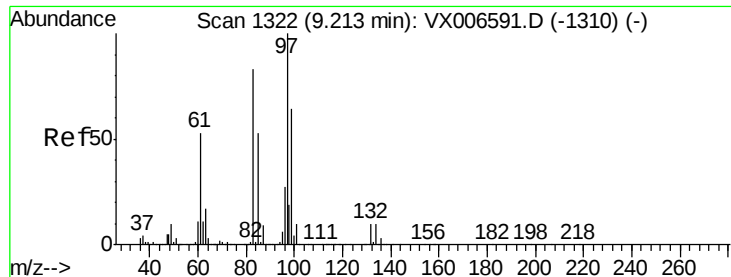
Tot Ion: 75 Resp: 407933
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.994 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion: 75 Resp: 453879
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.2
 39 48.4 36.7 55.1

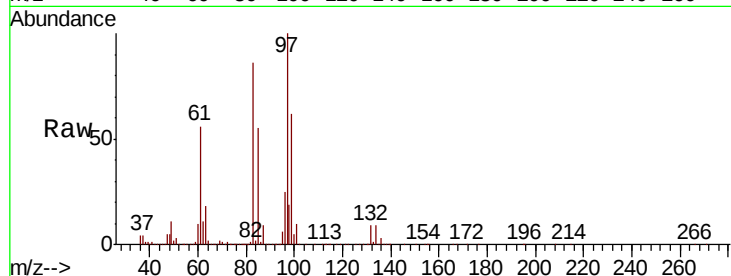




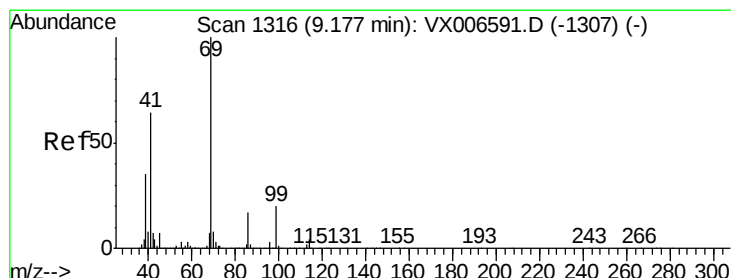
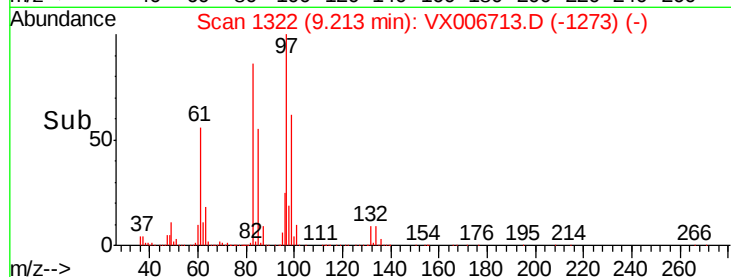
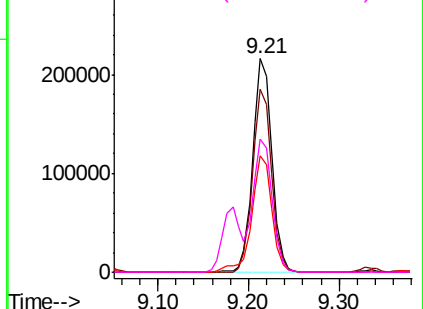
#55
 1,1,2-Trichloroethane
 Concen: 49.619 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	315392
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.6	99.8
85	54.8	42.7	64.1
99	62.1	50.8	76.2

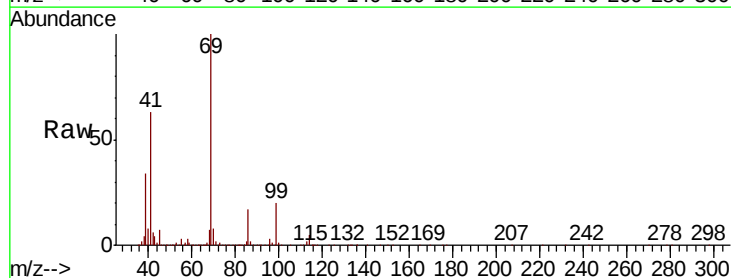


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

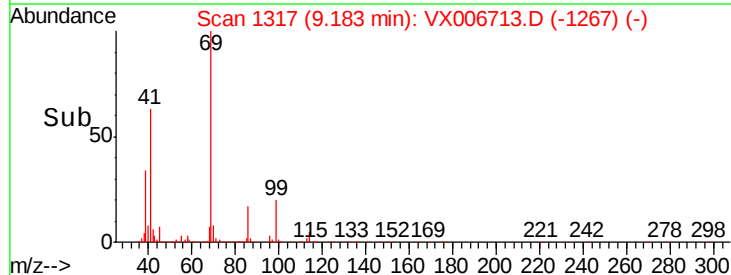
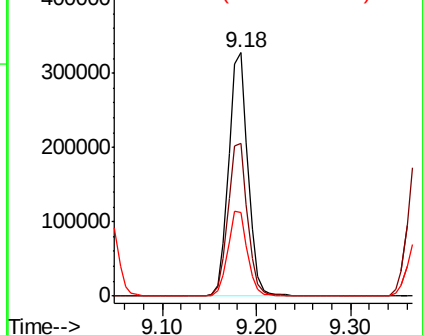


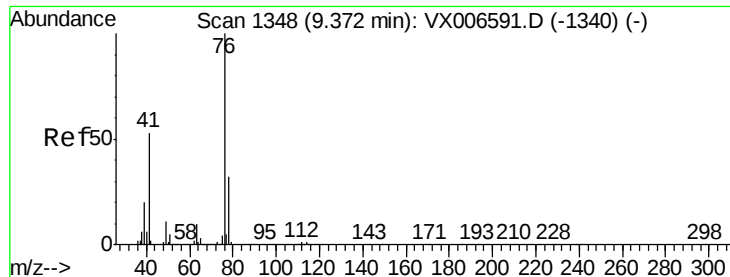
#56
 Ethyl methacrylate
 Concen: 51.725 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion:	69	Resp:	464689
Ion	Ratio	Lower	Upper
69	100		
41	63.3	48.7	73.1
39	35.1	27.0	40.6



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: 48.971 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

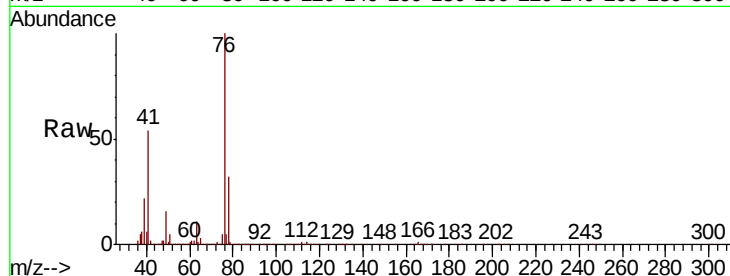
VSTDCCC050

Tot Ion: 76 Resp: 500805

Ion Ratio Lower Upper

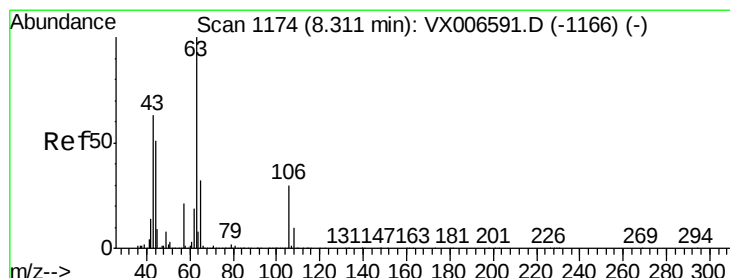
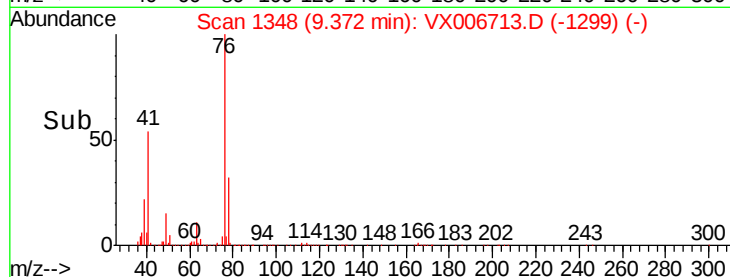
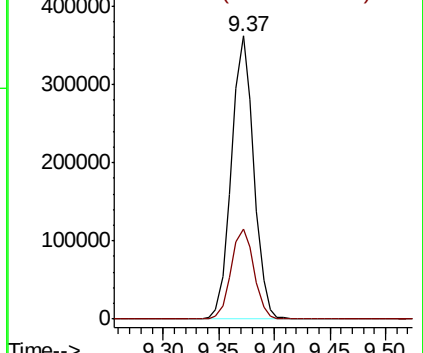
76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 253.330 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006713.D

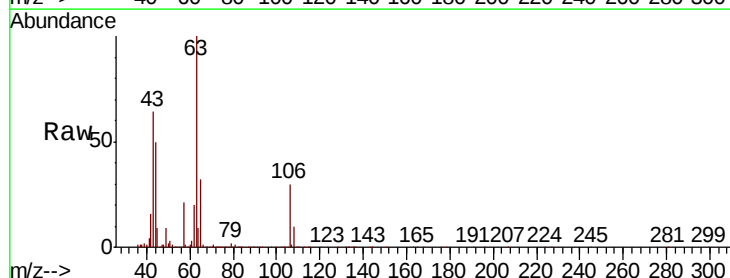
Acq: 21 Dec 2018 09:07

Tgt Ion: 63 Resp: 1209772

Ion Ratio Lower Upper

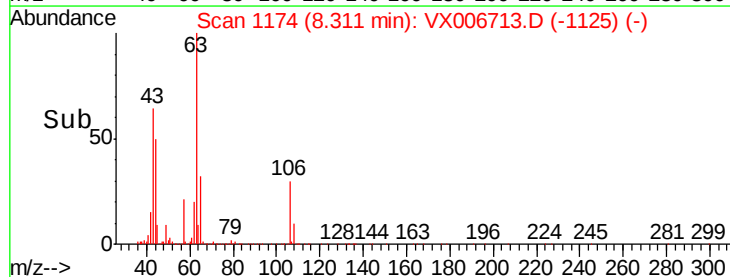
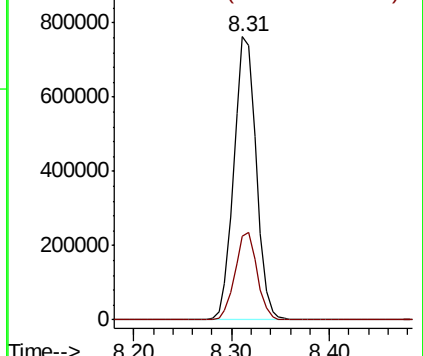
63 100

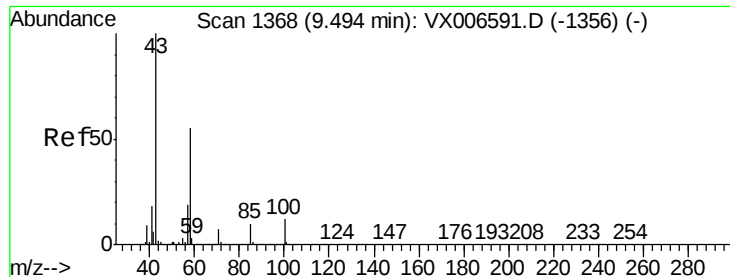
106 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 265.633 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

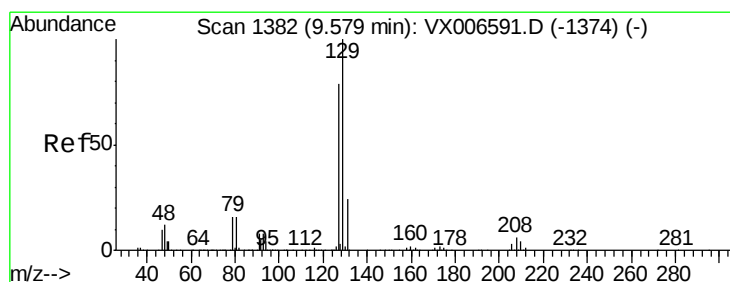
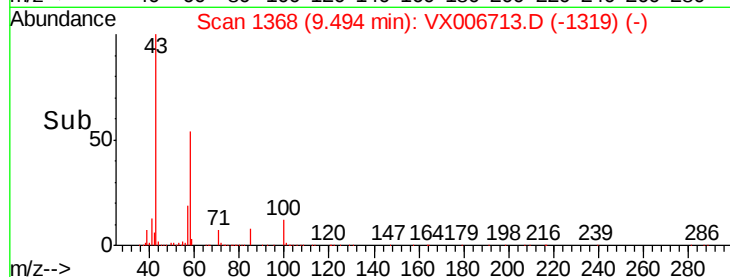
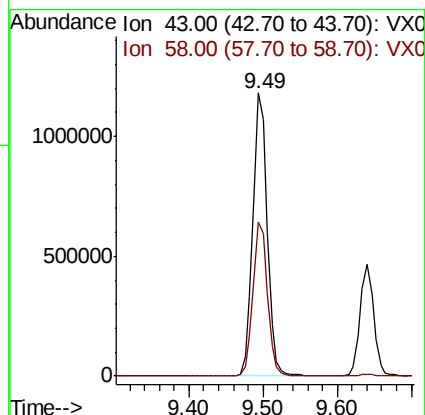
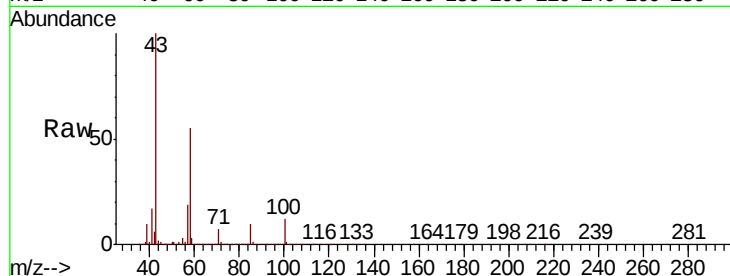
VSTDCCC050

Tot Ion: 43 Resp: 1619445

Ion Ratio Lower Upper

43 100

58 55.1 27.7 83.1



#60

Dibromochloromethane

Concen: 47.671 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX006713.D

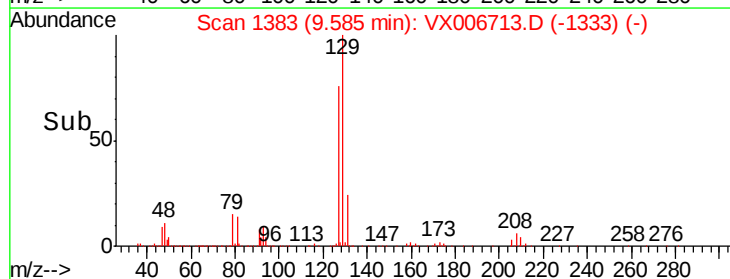
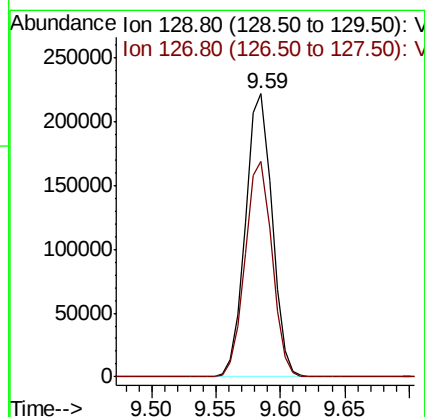
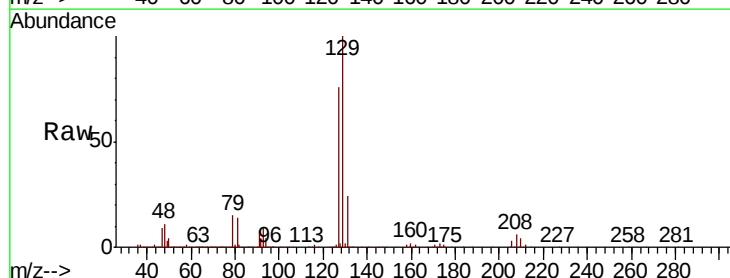
Acq: 21 Dec 2018 09:07

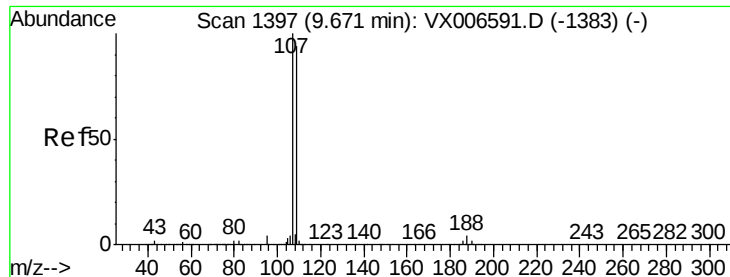
Tgt Ion:129 Resp: 316158

Ion Ratio Lower Upper

129 100

127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.102 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

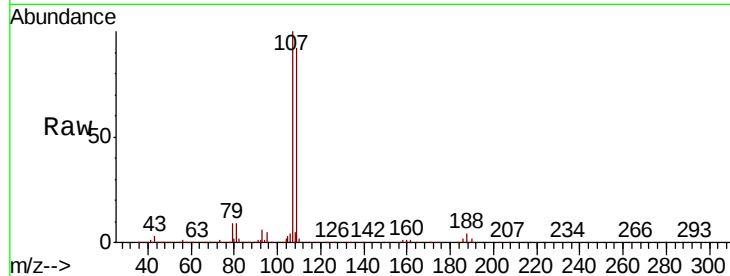
VSTDCCC050

Tot Ion:107 Resp: 345291

Ion Ratio Lower Upper

107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

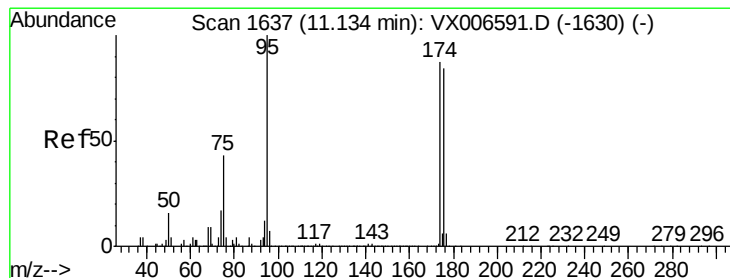
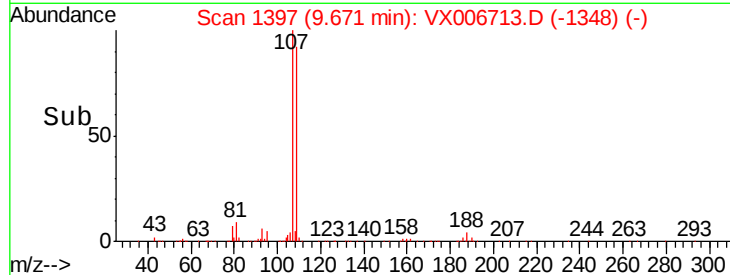
100000

50000

0

Time-->

9.60 9.70



#62

4-Bromofluorobenzene

Concen: 48.423 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

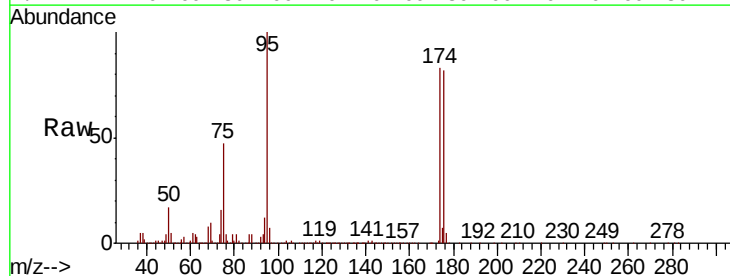
Tgt Ion: 95 Resp: 403686

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.2

176 90.2 0.0 178.8



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

400000

300000

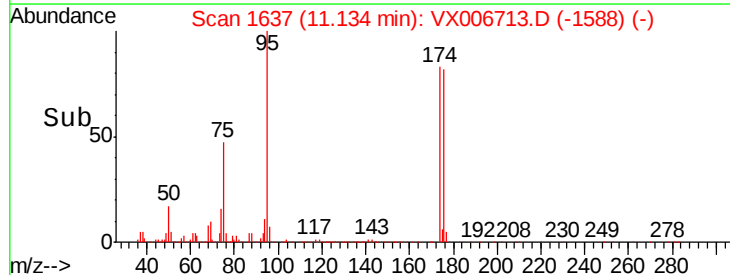
200000

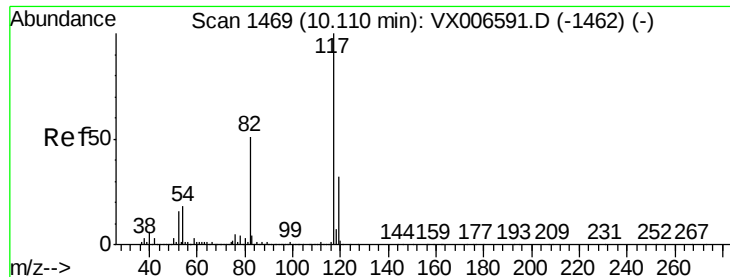
100000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

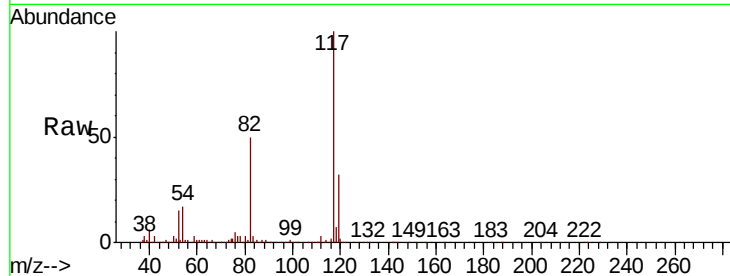
Tot Ion:117 Resp: 852706

Ion Ratio Lower Upper

117 100

82 49.7 41.0 61.6

119 31.9 25.4 38.0

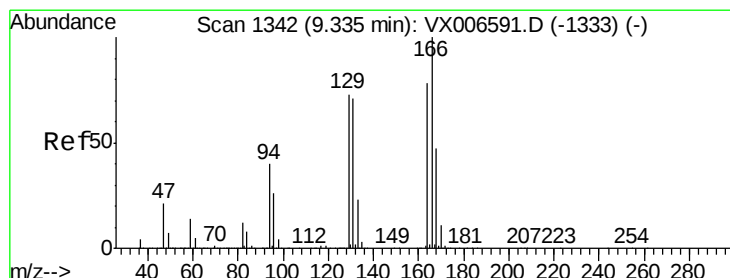
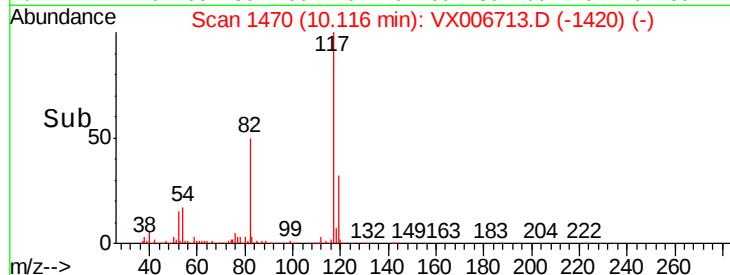
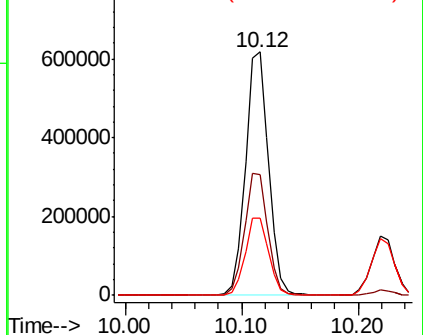


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 49.836 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:164 Resp: 336496

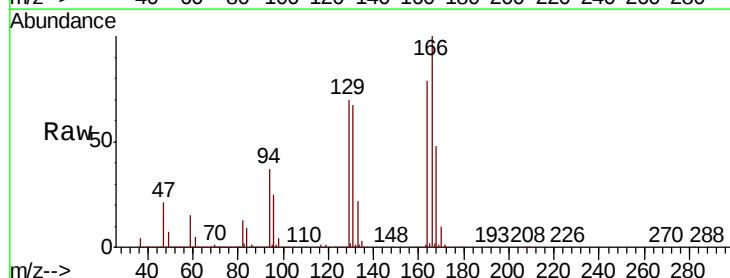
Ion Ratio Lower Upper

164 100

166 127.3 102.5 153.7

129 89.1 75.1 112.7

131 85.9 72.7 109.1



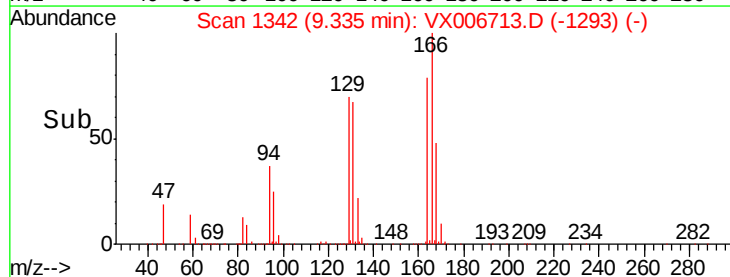
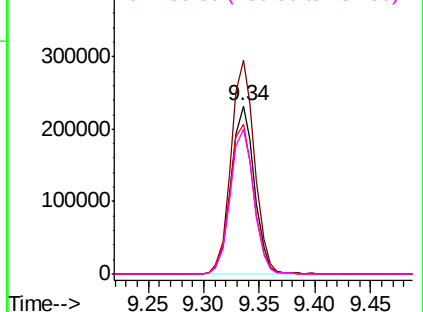
Abundance

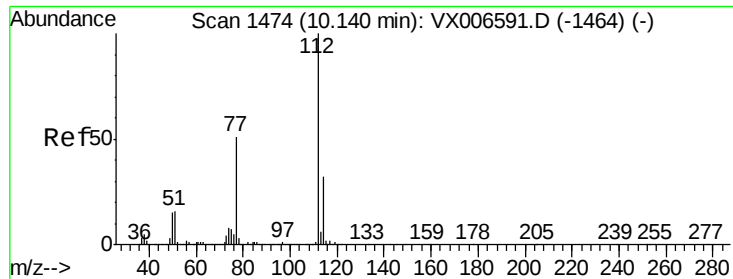
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

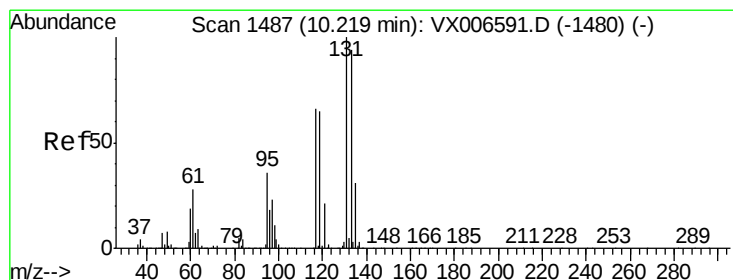
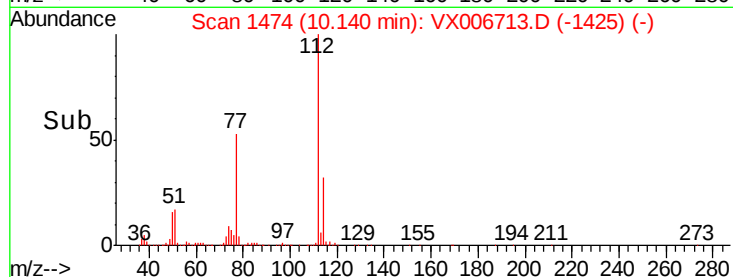
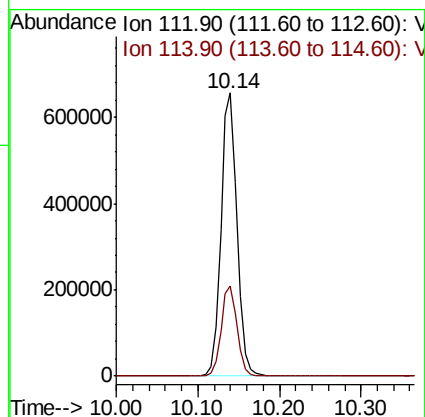
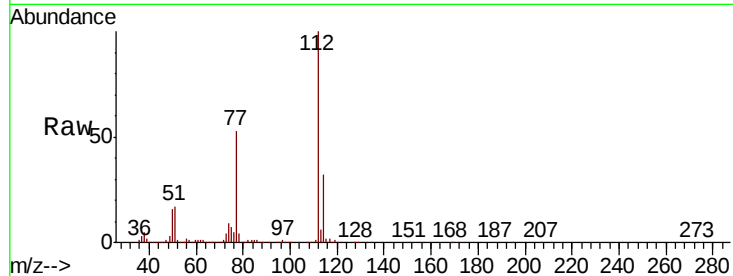




#65
Chlorobenzene
Concen: 49.916 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

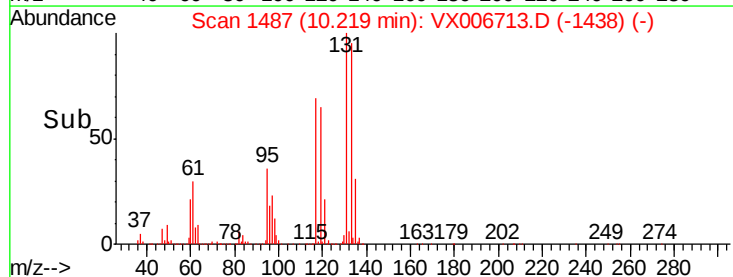
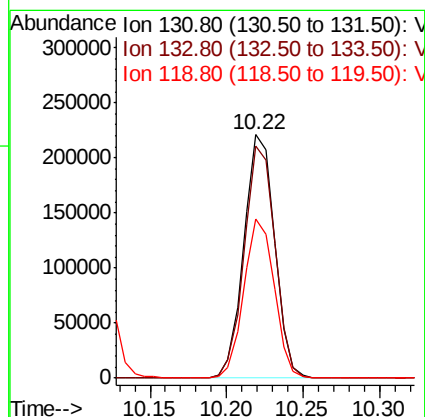
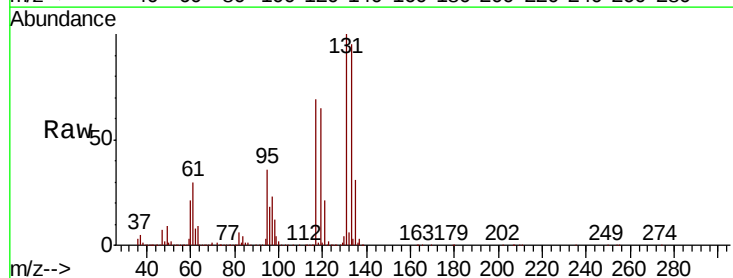
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

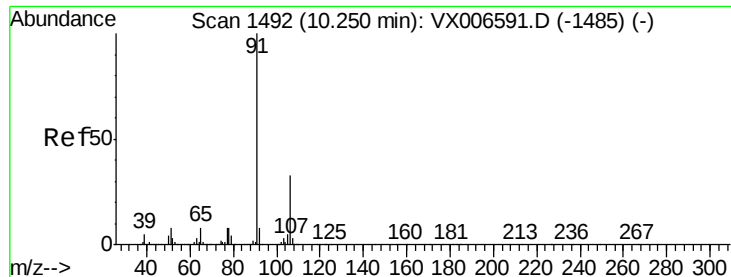
Tot Ion:112 Resp: 900464
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.999 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion:131 Resp: 309555
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 64.6 32.6 97.8





#67

Ethyl Benzene

Concen: 50.257 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

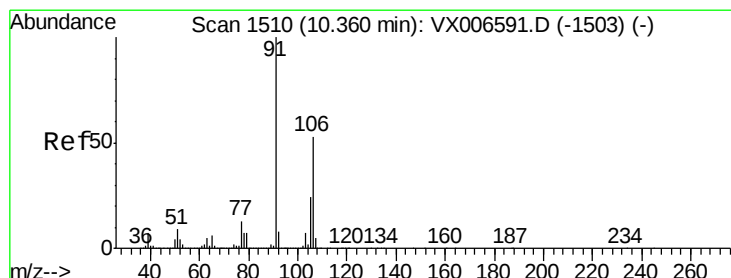
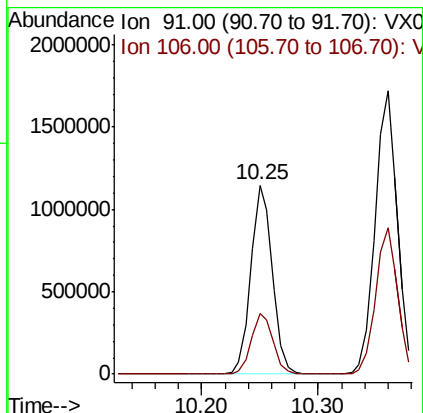
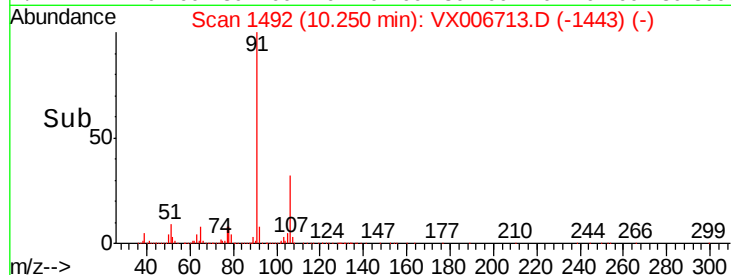
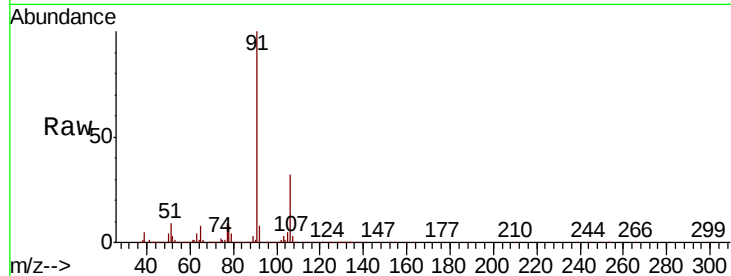
VSTDCCC050

Tot Ion: 91 Resp: 1481490

Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6



#68

m/p-Xylenes

Concen: 100.445 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006713.D

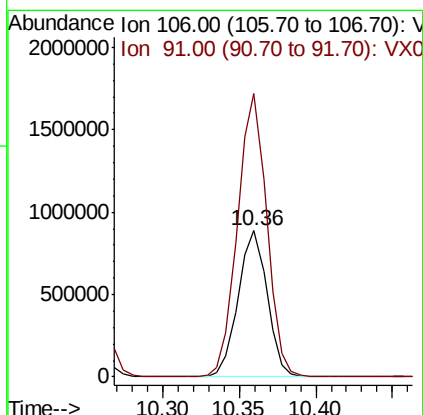
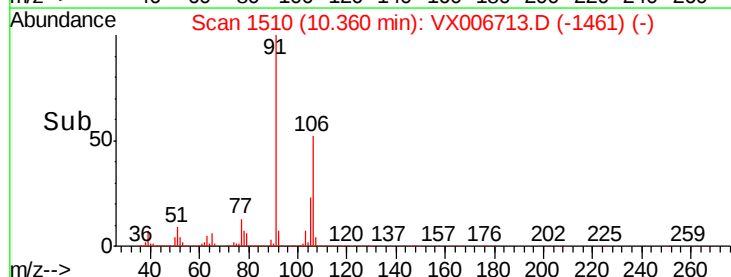
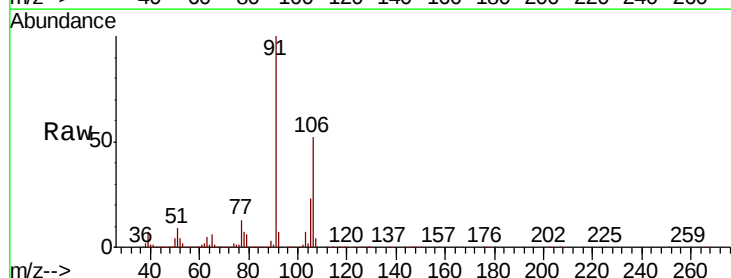
Acq: 21 Dec 2018 09:07

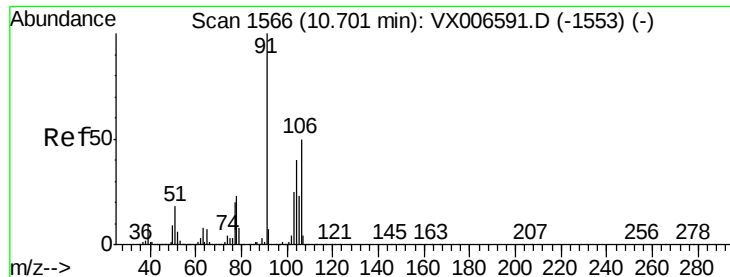
Tgt Ion: 106 Resp: 1168380

Ion Ratio Lower Upper

106 100

91 195.1 155.8 233.6

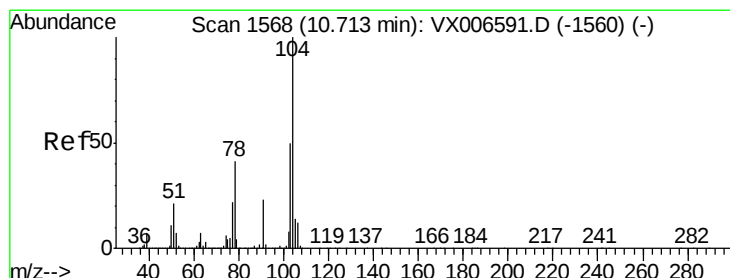
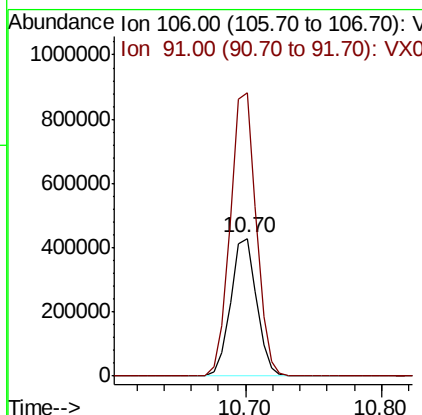
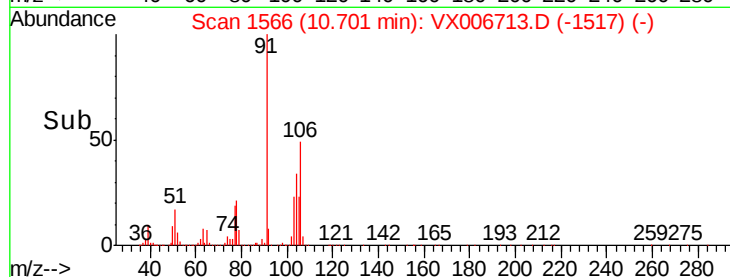
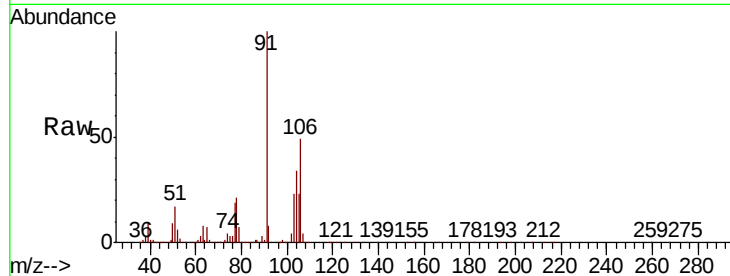




#69
o-Xylene
Concen: 49.660 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

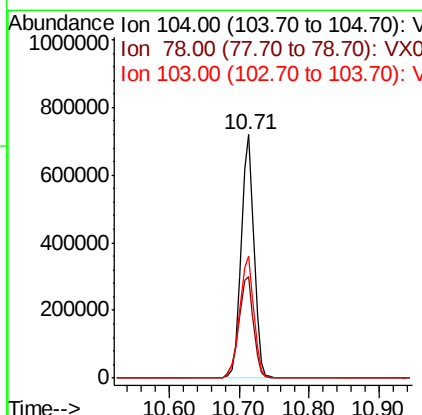
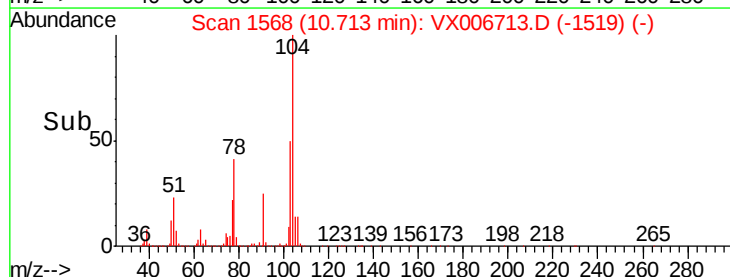
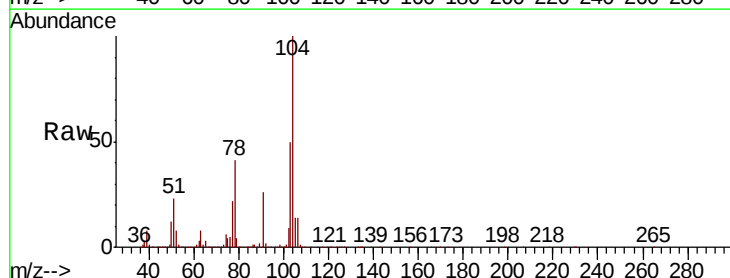
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

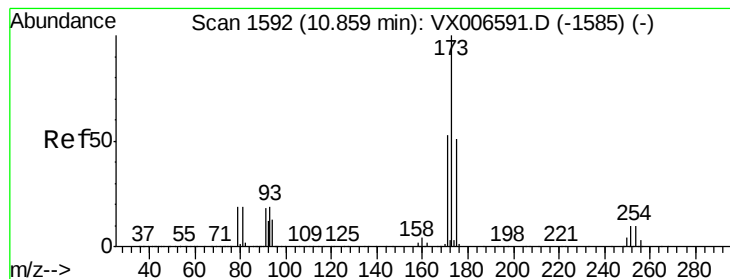
Tot Ion:106 Resp: 570406
Ion Ratio Lower Upper
106 100
91 205.6 101.3 303.7



#70
Styrene
Concen: 50.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion:104 Resp: 918992
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.5 43.8 65.8





#71

Bromoform

Concen: 45.429 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

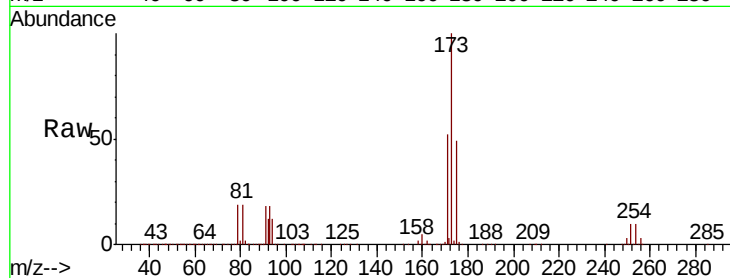
Tot Ion:173 Resp: 228361

Ion Ratio Lower Upper

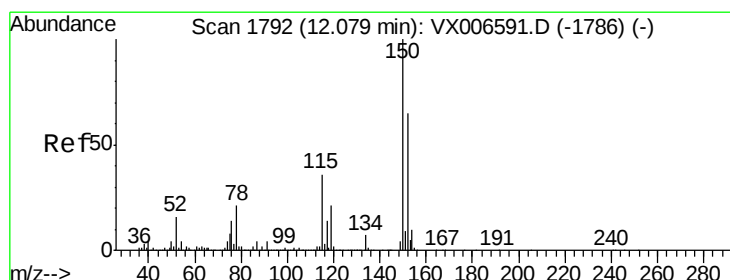
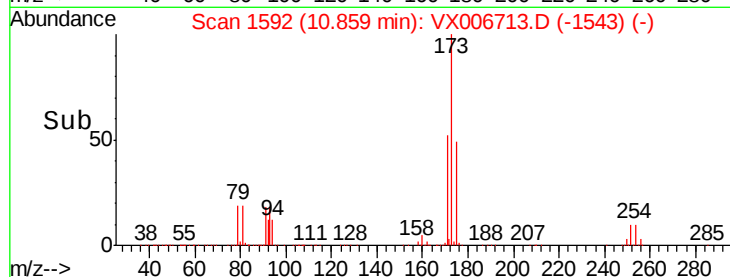
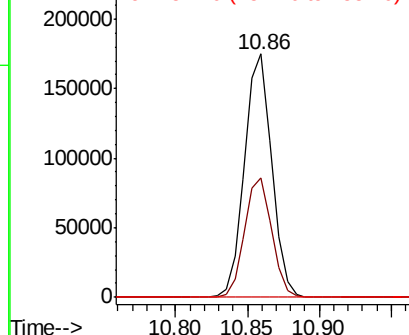
173 100

175 49.1 24.7 74.1

254 0.1 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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

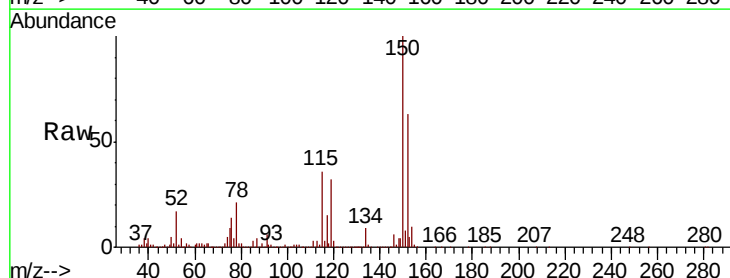
Tgt Ion:152 Resp: 439290

Ion Ratio Lower Upper

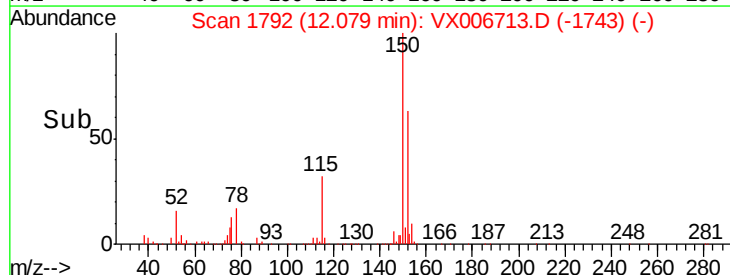
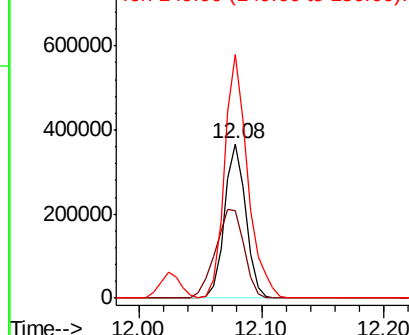
152 100

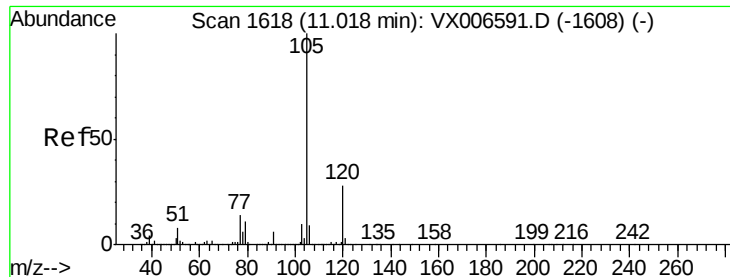
115 77.6 39.1 117.2

150 172.3 0.0 344.8



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: 50.876 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

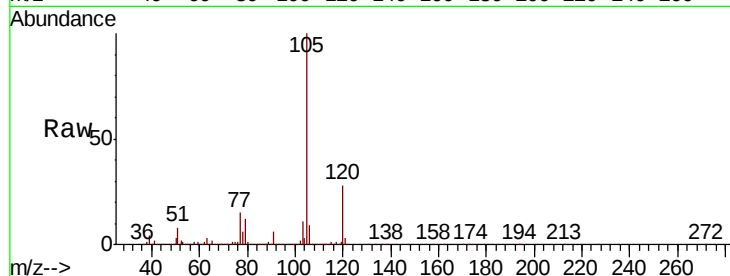
VSTDCCC050

Tot Ion:105 Resp: 1528961

Ion Ratio Lower Upper

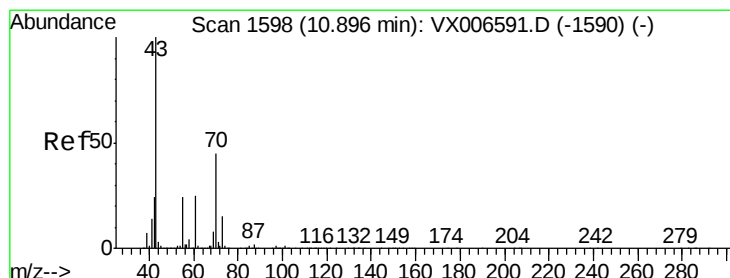
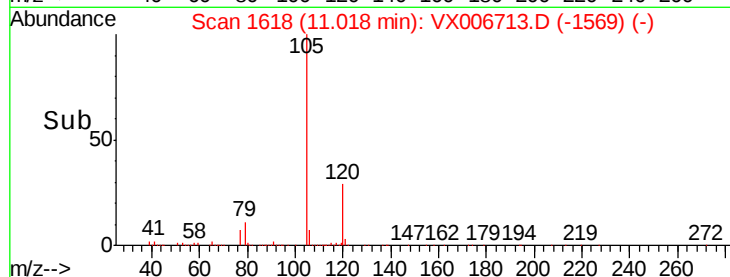
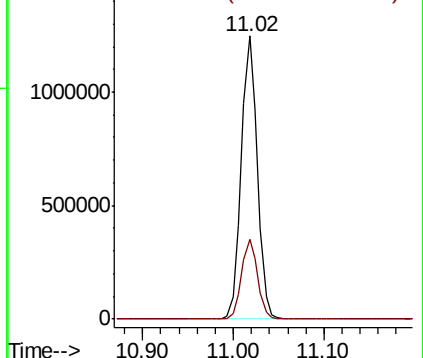
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.050 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion: 43 Resp: 581427

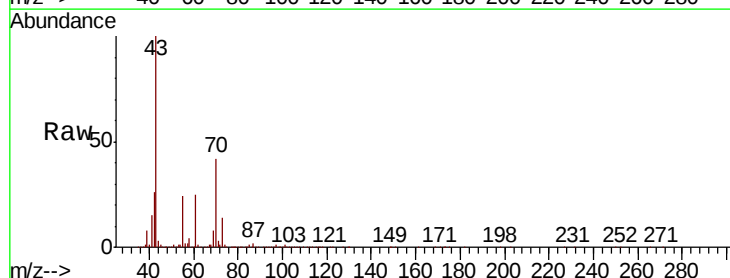
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 24.1 19.4 29.0

61 24.7 20.1 30.1

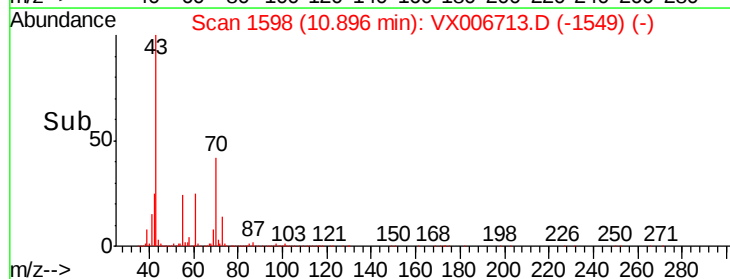
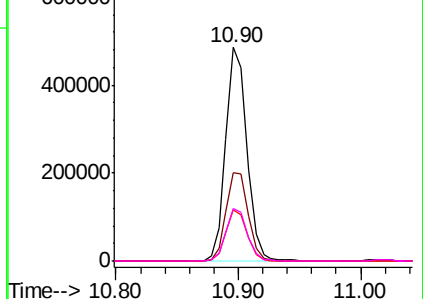


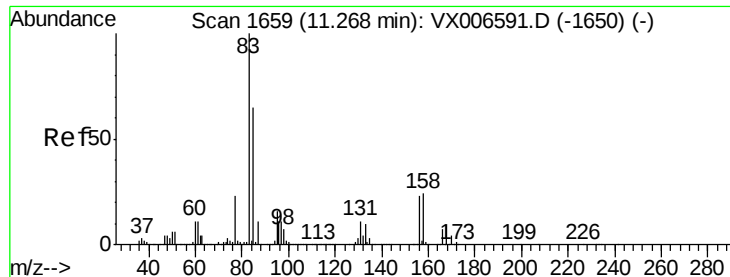
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

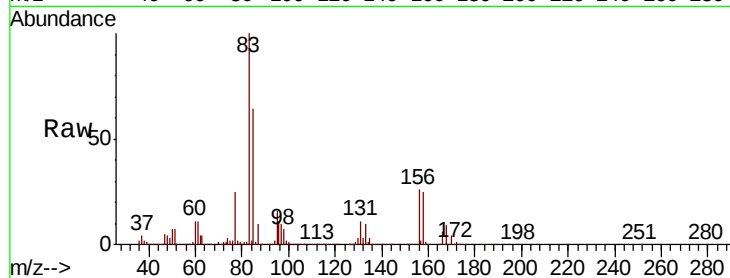
Tot Ion: 83 Resp: 456021

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

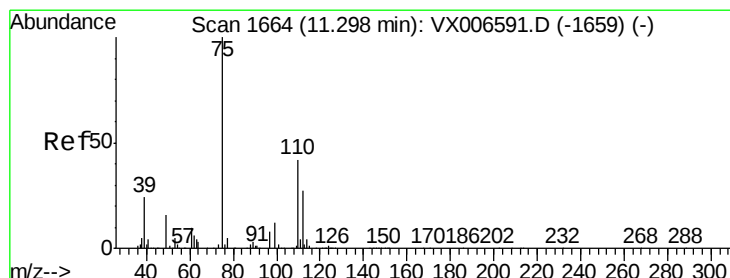
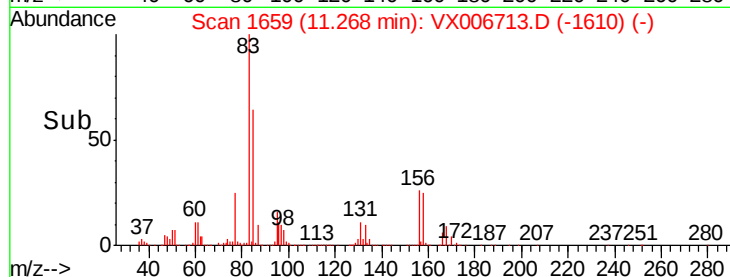
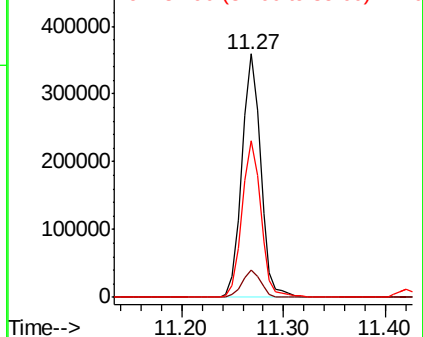
85 65.0 32.2 96.6



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: 62.804 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006713.D

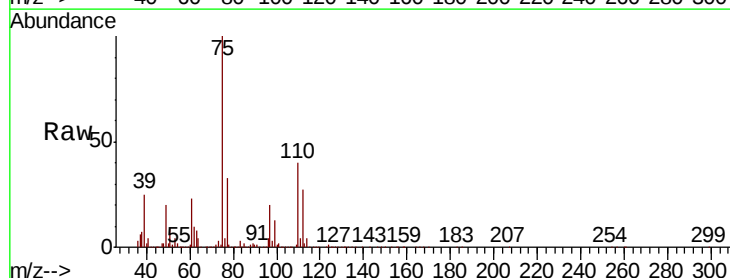
Acq: 21 Dec 2018 09:07

Tgt Ion: 75 Resp: 512726

Ion Ratio Lower Upper

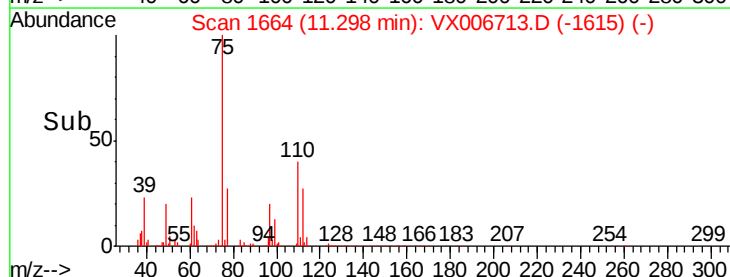
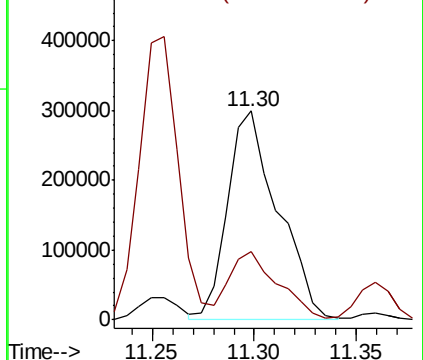
75 100

77 31.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.458 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

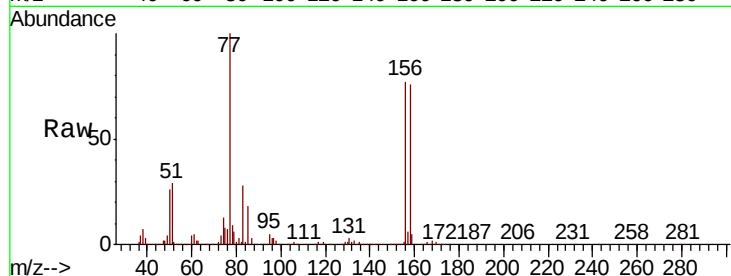
Tot Ion:156 Resp: 401841

Ion Ratio Lower Upper

156 100

77 135.0 68.0 204.0

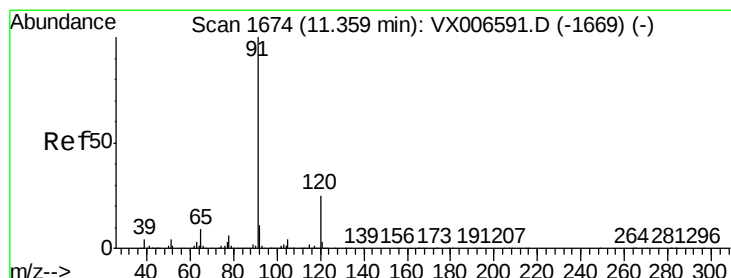
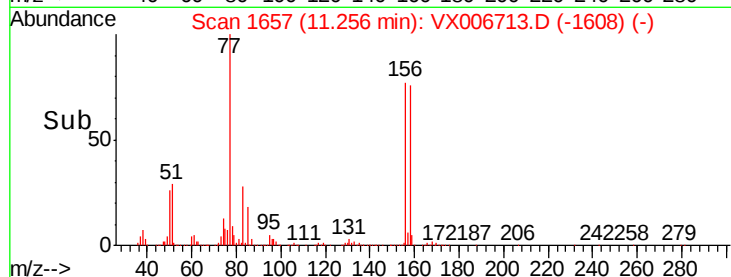
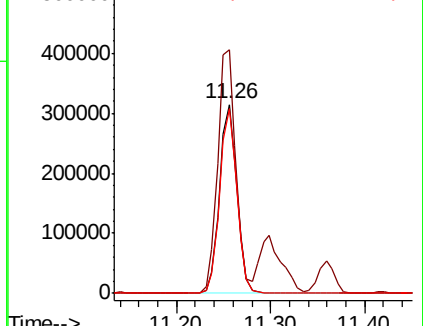
158 97.3 48.3 144.8



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: 51.969 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006713.D

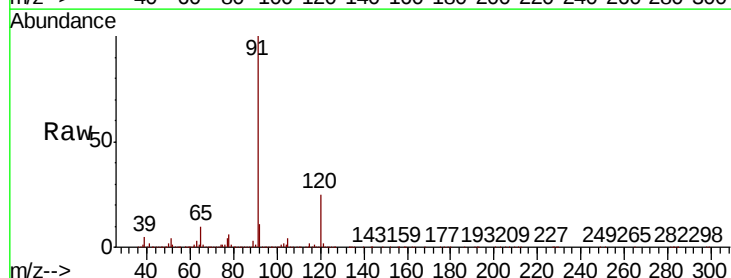
Acq: 21 Dec 2018 09:07

Tgt Ion: 91 Resp: 1719860

Ion Ratio Lower Upper

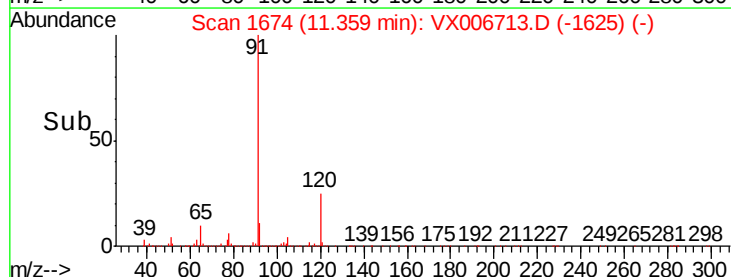
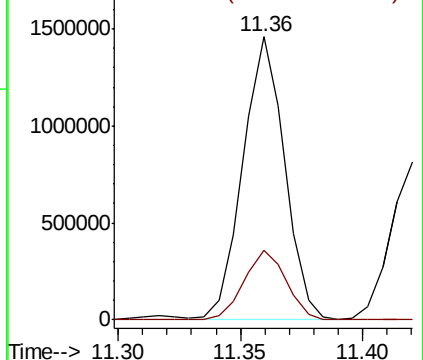
91 100

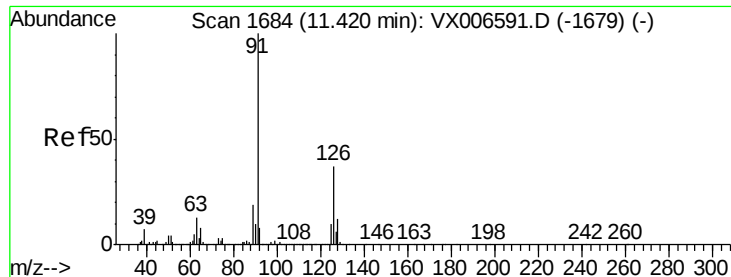
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.361 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

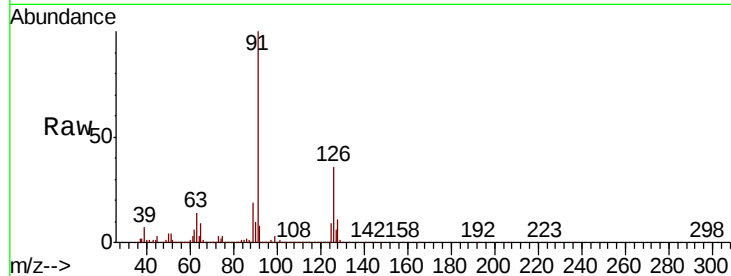
VSTDCCC050

Tot Ion: 91 Resp: 989941

Ion Ratio Lower Upper

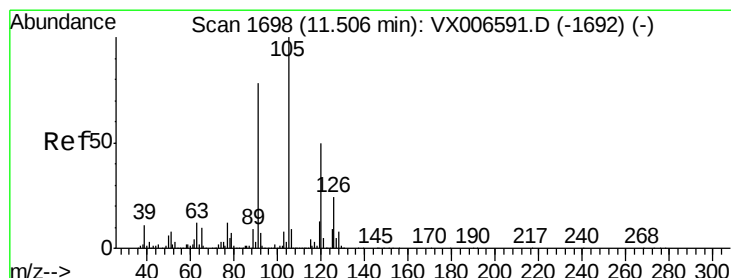
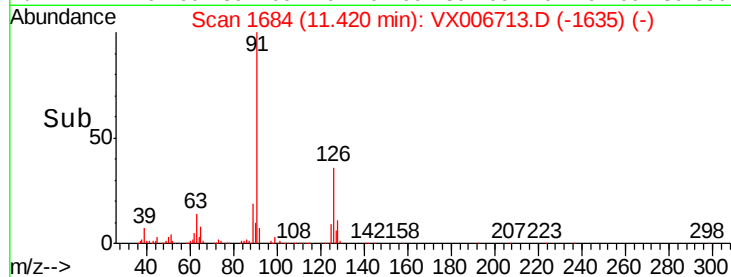
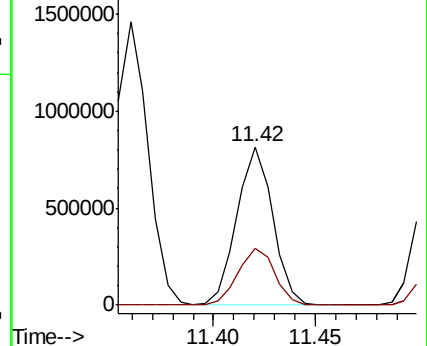
91 100

126 37.4 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.833 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006713.D

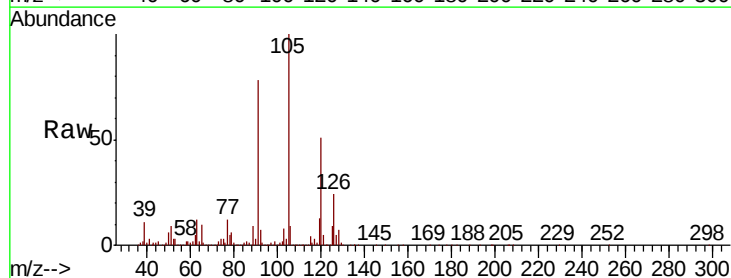
Acq: 21 Dec 2018 09:07

Tgt Ion:105 Resp: 1258286

Ion Ratio Lower Upper

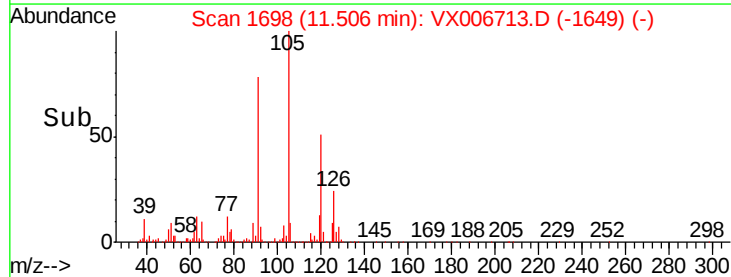
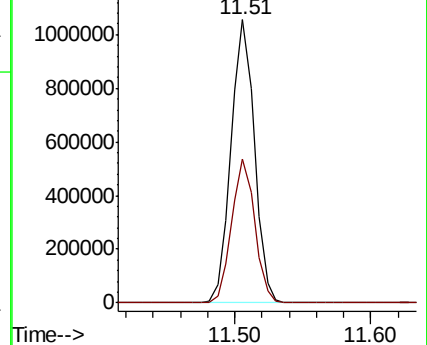
105 100

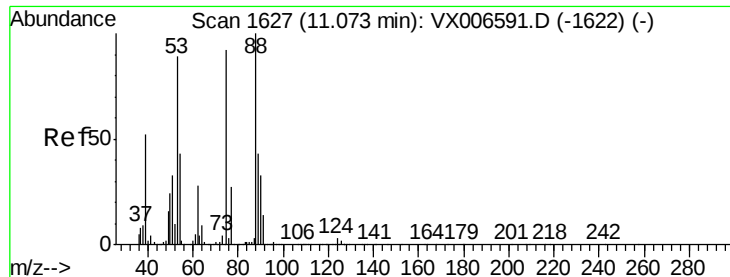
120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.996 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

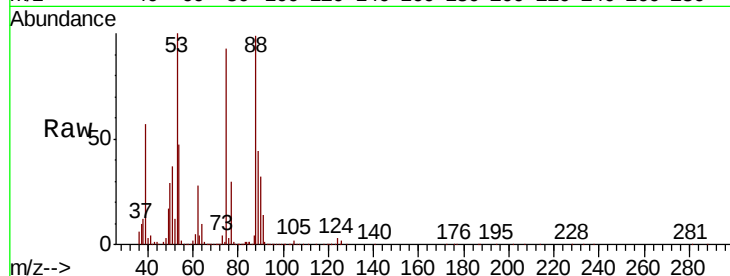
Tot Ion: 75 Resp: 119464

Ion Ratio Lower Upper

75 100

53 103.6 79.7 119.5

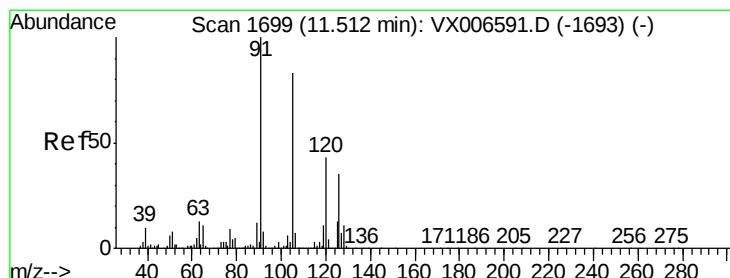
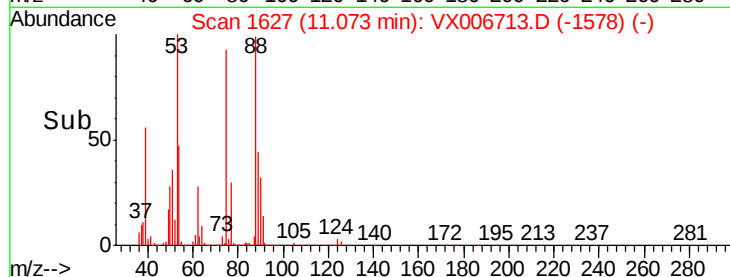
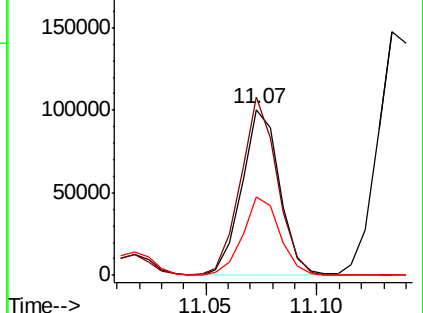
89 46.2 38.0 57.0



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: 49.917 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006713.D

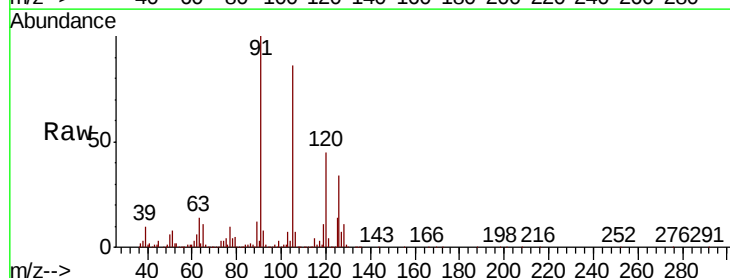
Acq: 21 Dec 2018 09:07

Tgt Ion: 91 Resp: 1148343

Ion Ratio Lower Upper

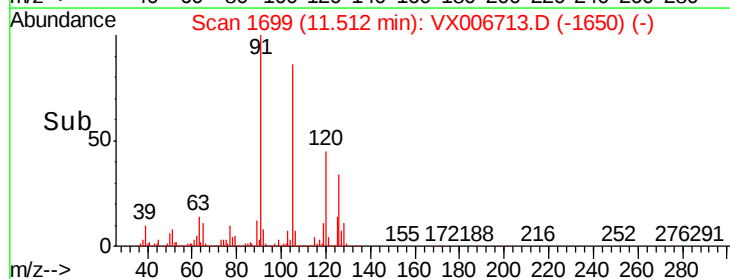
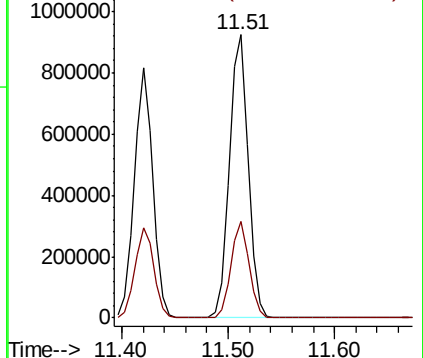
91 100

126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.648 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

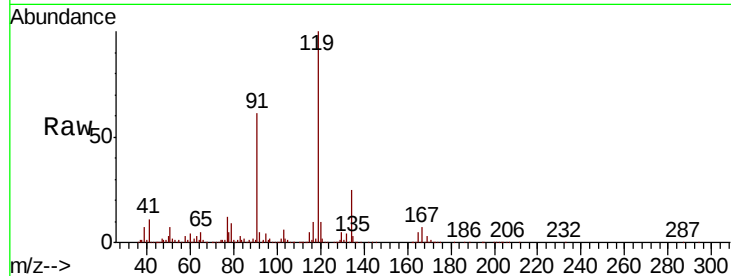
Tot Ion:119 Resp: 1279544

Ion Ratio Lower Upper

119 100

91 54.6 27.7 83.1

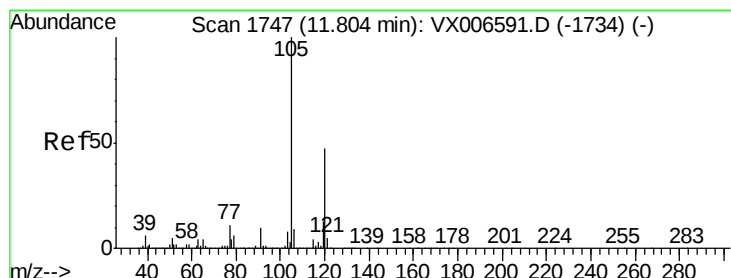
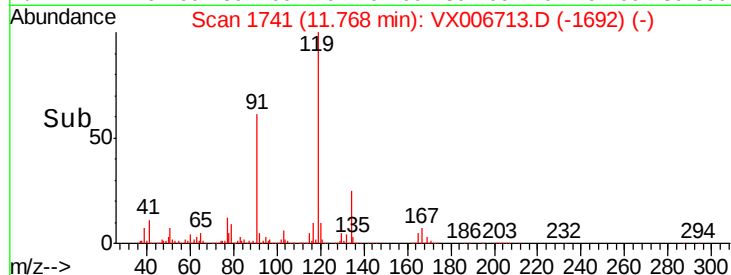
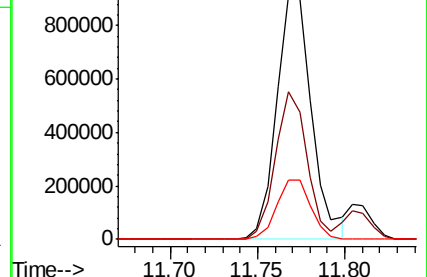
134 23.9 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.411 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006713.D

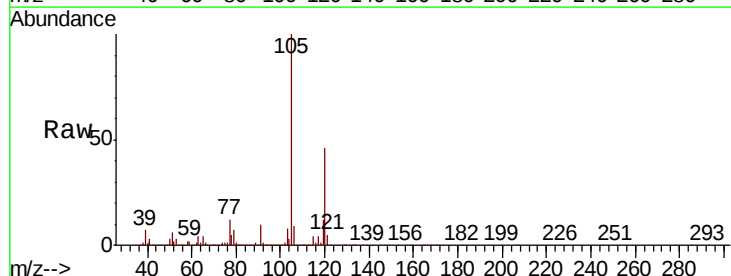
Acq: 21 Dec 2018 09:07

Tgt Ion:105 Resp: 1286486

Ion Ratio Lower Upper

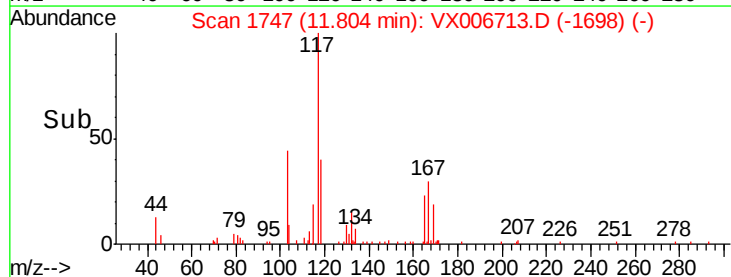
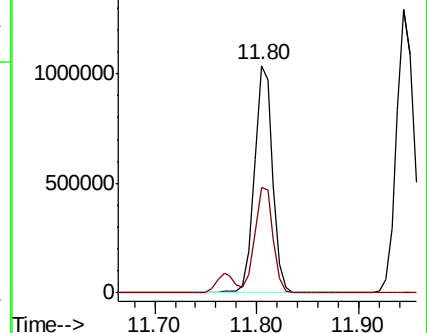
105 100

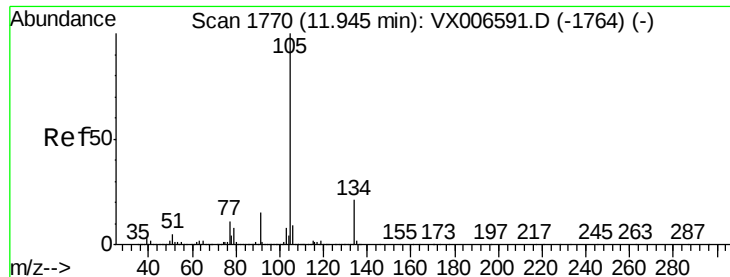
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.005 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

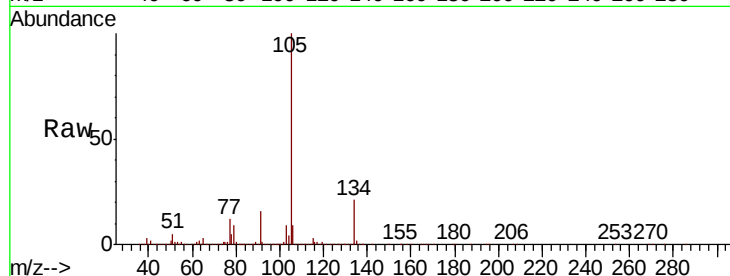
VSTDCCC050

Tot Ion:105 Resp: 1549260

Ion Ratio Lower Upper

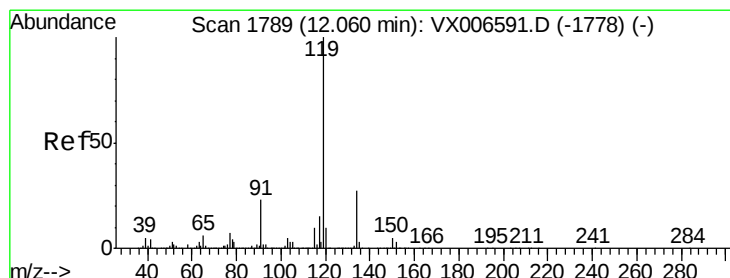
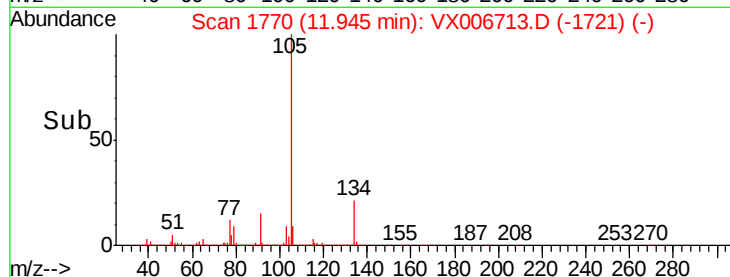
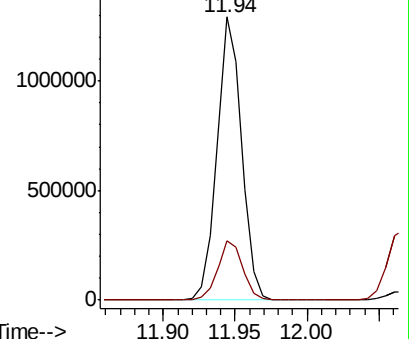
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.509 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

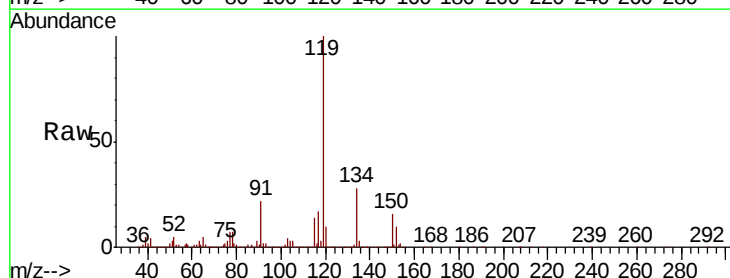
Tgt Ion:119 Resp: 1402019

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

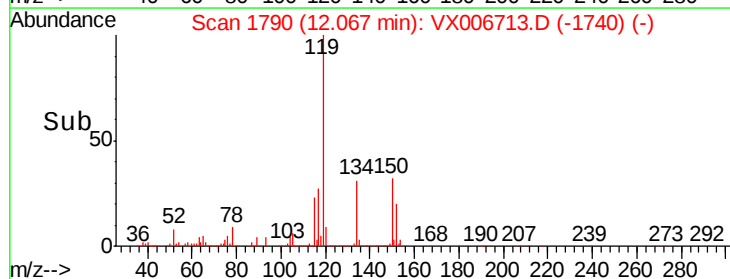
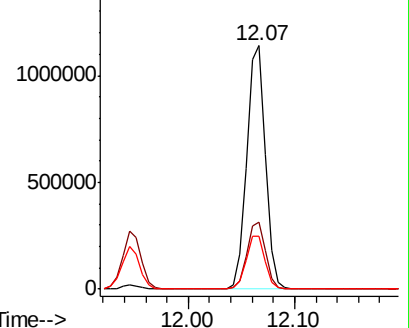
91 22.1 11.3 33.9

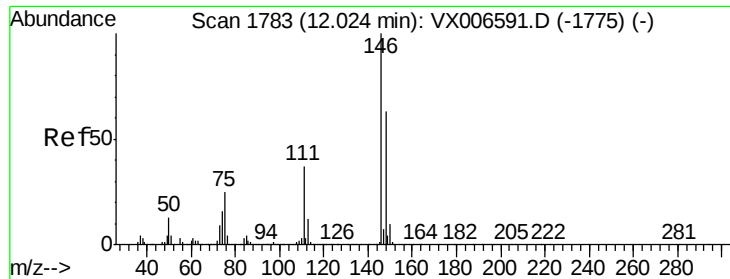


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.987 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

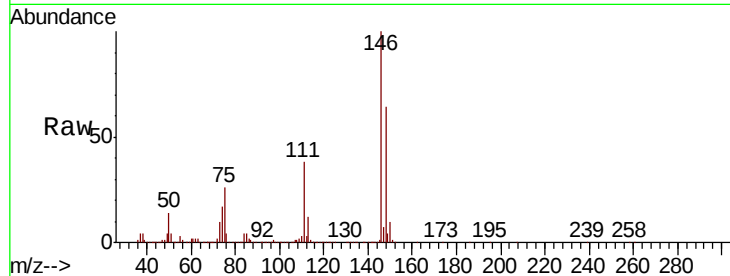
Tot Ion:146 Resp: 731959

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

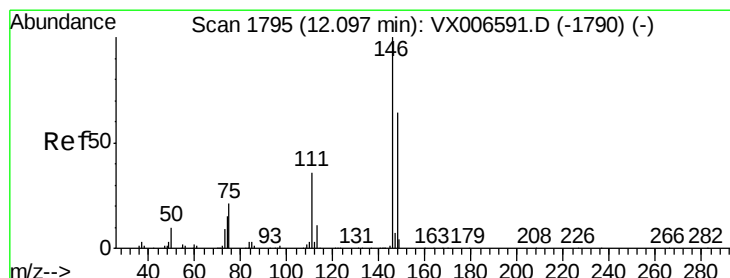
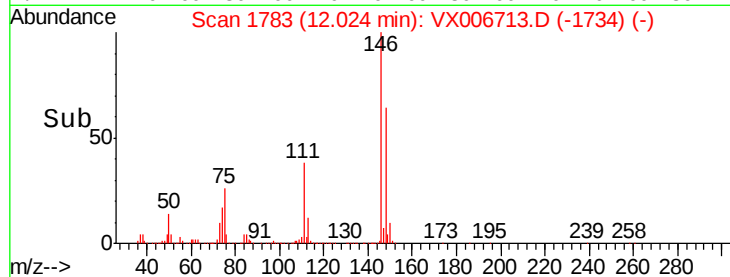
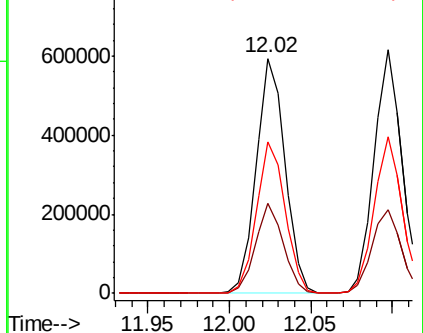
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.628 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

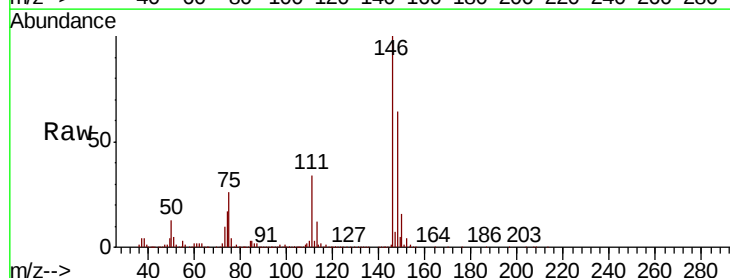
Tgt Ion:146 Resp: 729965

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

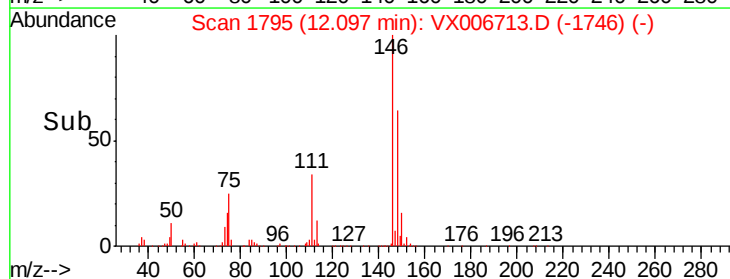
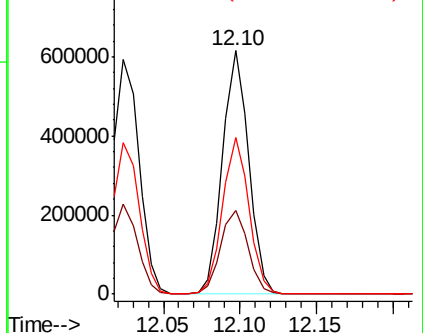
148 64.8 31.9 95.9

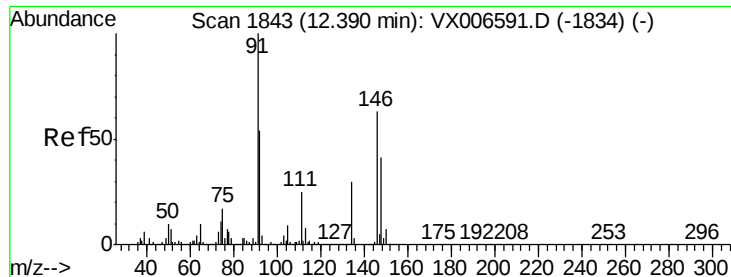


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

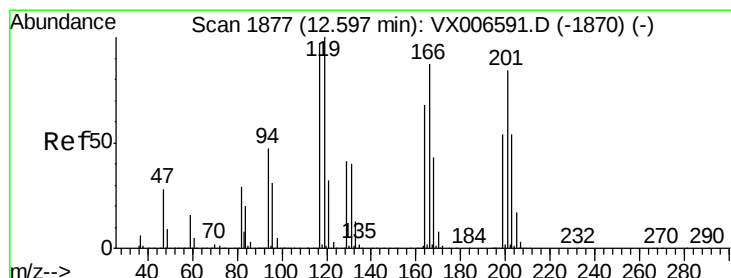
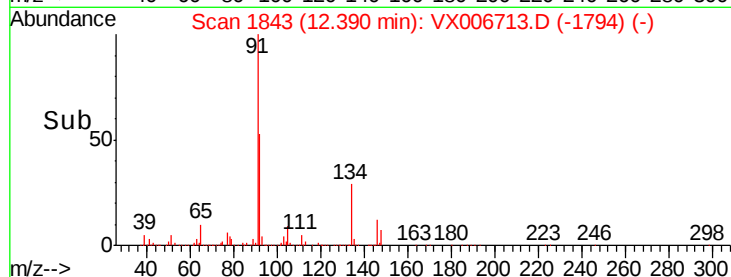
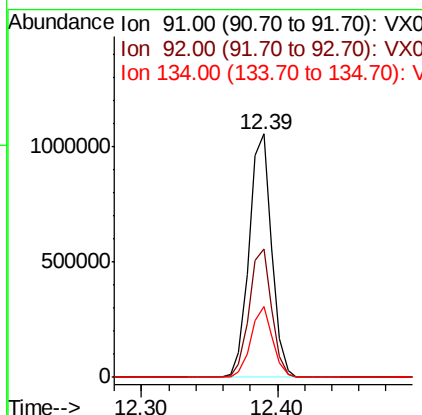
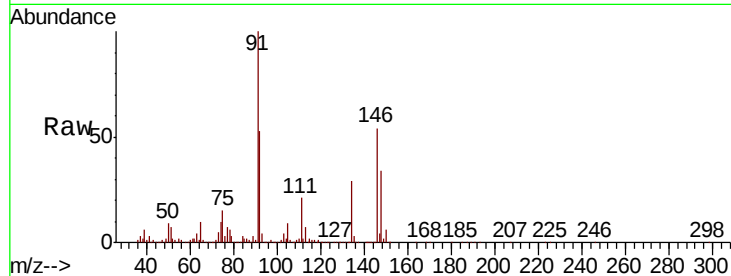




#89
n-Butylbenzene
Concen: 53.802 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

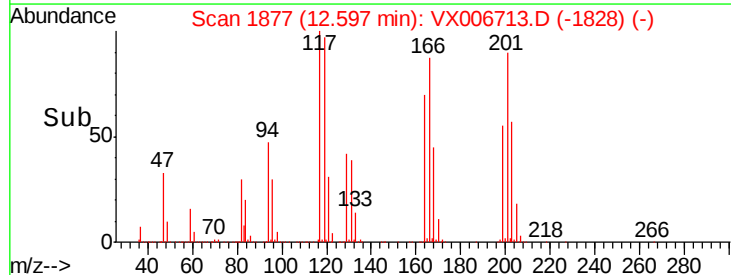
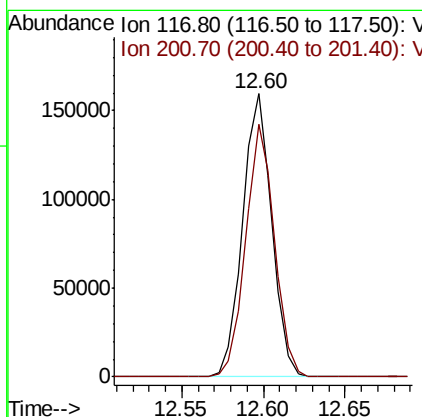
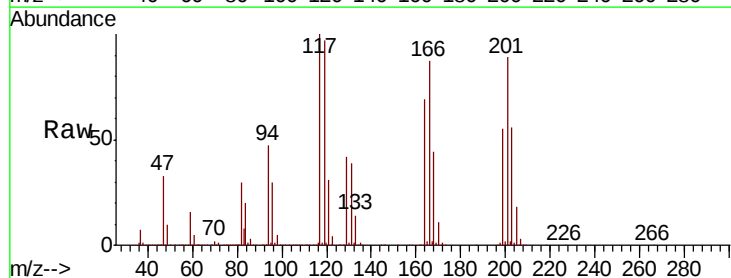
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

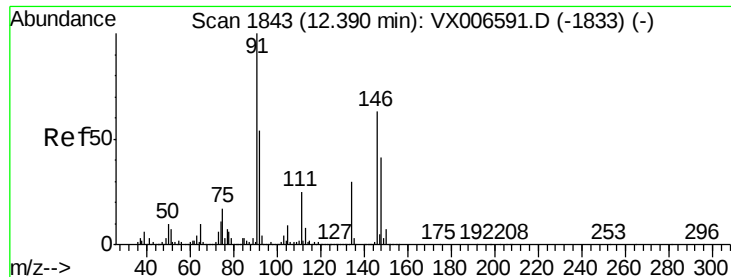
Tot Ion: 91 Resp: 1222556
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 47.756 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 117 Resp: 198901
Ion Ratio Lower Upper
117 100
201 88.0 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.428 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

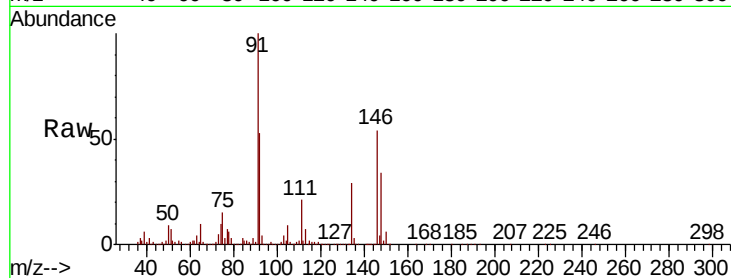
Tot Ion:146 Resp: 709383

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

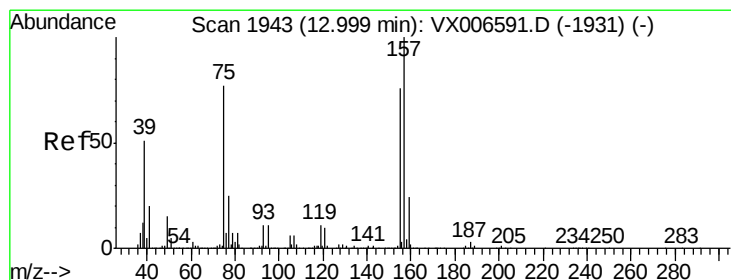
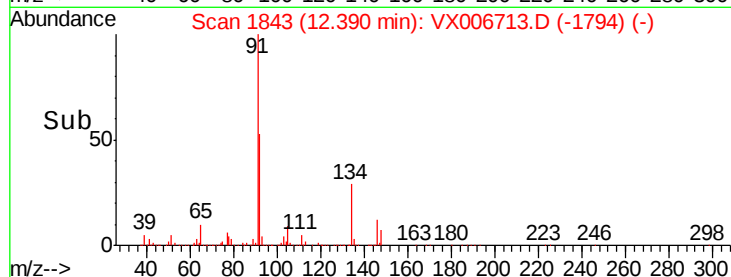
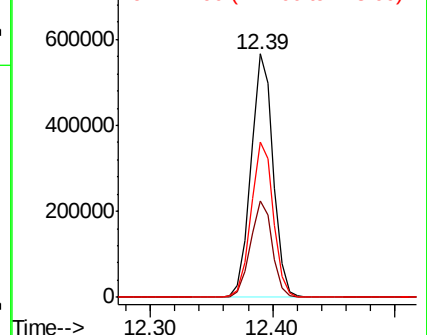
148 64.1 32.3 96.9



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: 51.474 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

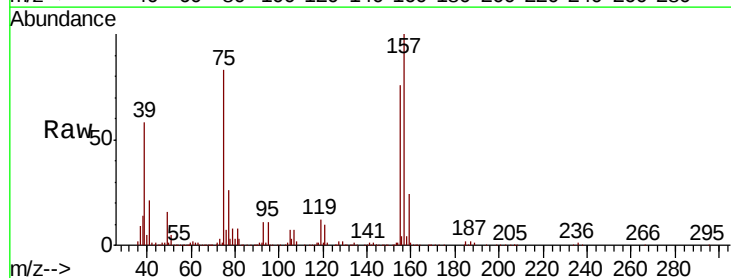
Tgt Ion: 75 Resp: 95192

Ion Ratio Lower Upper

75 100

155 98.4 50.6 151.8

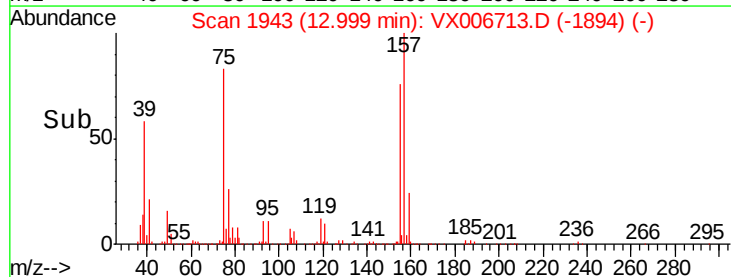
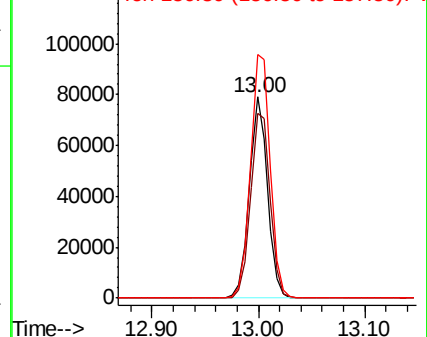
157 130.4 64.6 193.8

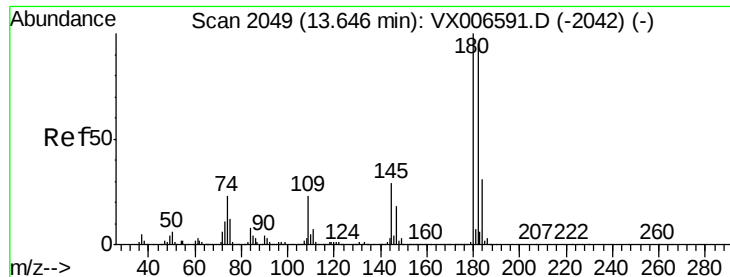


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

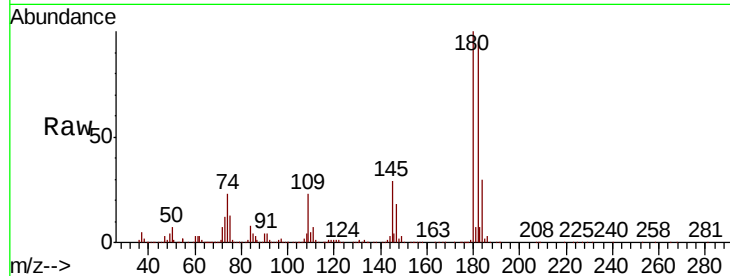




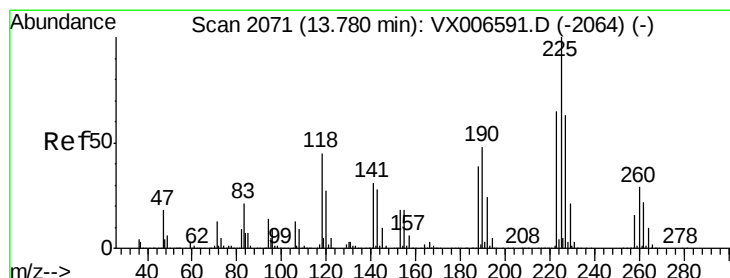
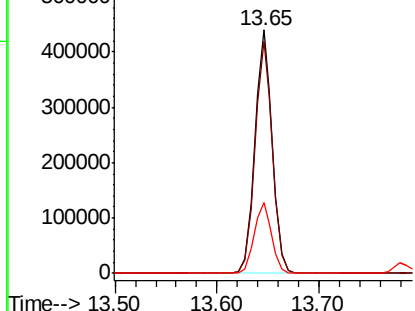
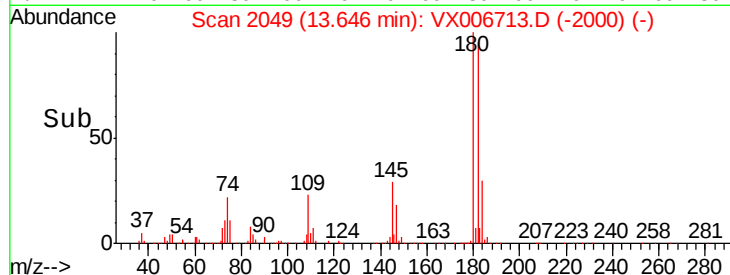
#93
 1,2,4-Trichlorobenzene
 Concen: 51.794 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	29.2	14.8	44.3

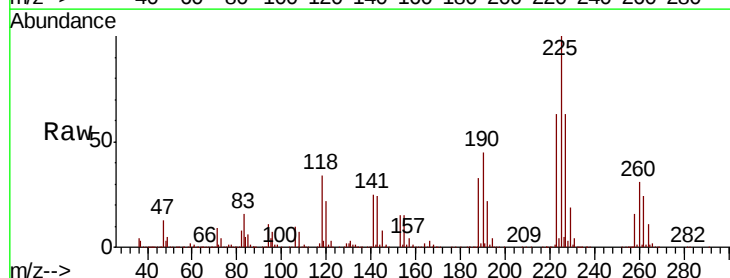


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

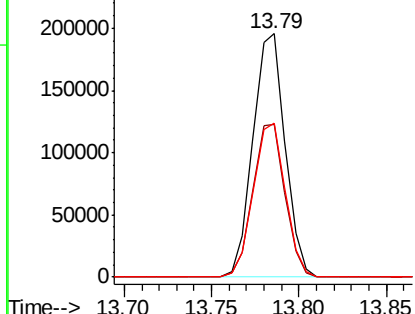
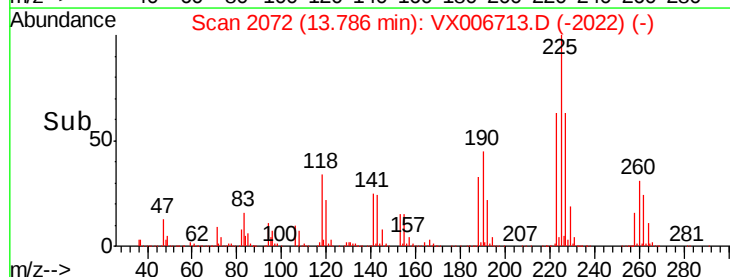


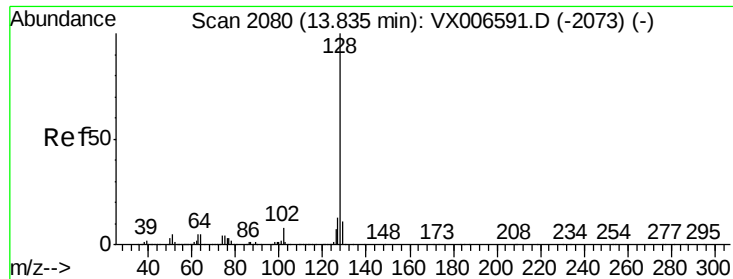
#94
 Hexachlorobutadiene
 Concen: 52.557 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.1	96.3
227	63.2	32.3	96.8



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

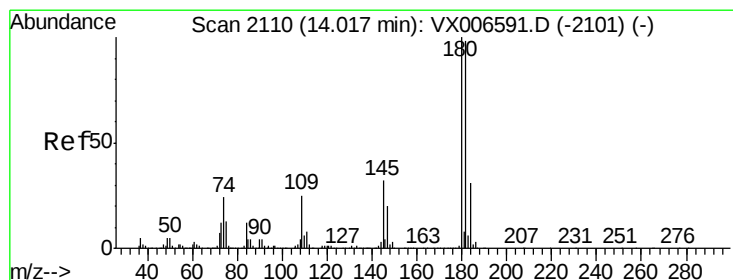
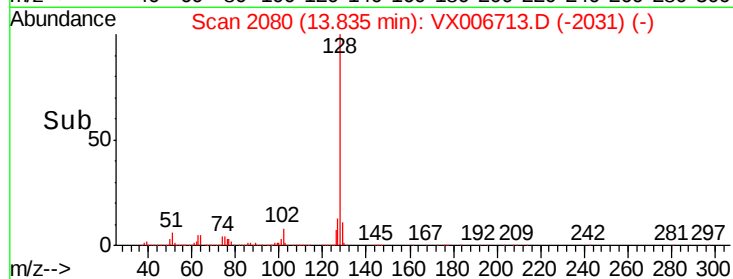
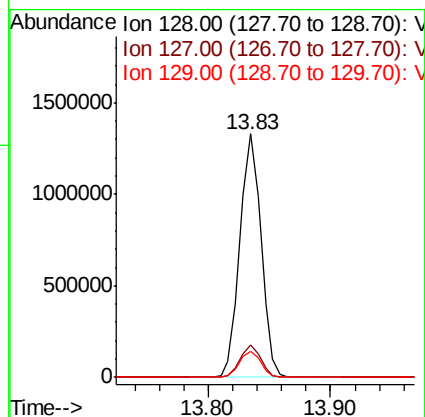
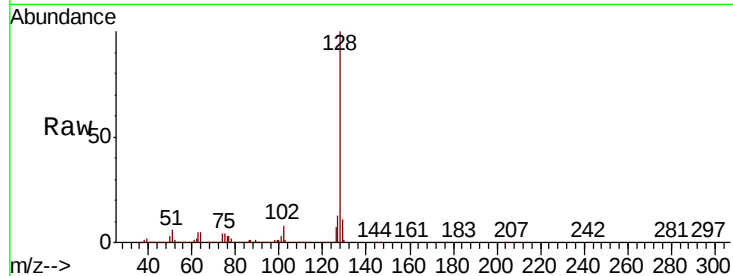




#95
Naphthalene
Concen: 49.197 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1586574
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.687 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion:180 Resp: 518356
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.5
145 30.8 16.0 47.9

