

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007323.D
 Acq On : 30 Jan 2019 18:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 00:26:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	509438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	756571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	690173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360239	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	239025	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
35) Dibromofluoromethane	5.50	113	220279	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
50) Toluene-d8	8.71	98	784726	44.25	ug/l	0.00
Spiked Amount			Recovery	=	88.50%	
62) 4-Bromofluorobenzene	11.13	95	281857	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	155644	37.204	ug/l	99
3) Chloromethane	1.33	50	186891	38.375	ug/l	100
4) Vinyl Chloride	1.41	62	208740	39.845	ug/l	100
5) Bromomethane	1.64	94	221521	39.577	ug/l	96
6) Chloroethane	1.71	64	141199	38.600	ug/l	98
7) Trichlorofluoromethane	1.93	101	353508	41.763	ug/l	97
8) Diethyl Ether	2.19	74	142423	42.292	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	216571	42.735	ug/l	100
10) Methyl Iodide	2.51	142	318520	46.595	ug/l	100
11) Tert butyl alcohol	3.08	59	269645	214.701	ug/l	100
12) 1,1-Dichloroethene	2.37	96	190531	40.693	ug/l	98
13) Acrolein	2.30	56	206730	380.040	ug/l	100
14) Allyl chloride	2.73	41	348861	43.476	ug/l	99
15) Acrylonitrile	3.15	53	666870	231.302	ug/l	99
16) Acetone	2.45	43	564314	214.401	ug/l	99
17) Carbon Disulfide	2.57	76	374465	31.064	ug/l	98
18) Methyl Acetate	2.78	43	408436	53.585	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	744977	45.842	ug/l	98
20) Methylene Chloride	2.85	84	229568	45.810	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	207301	39.730	ug/l	98
22) Diisopropyl ether	3.87	45	695069	46.075	ug/l	95
23) Vinyl Acetate	3.82	43	2830361	222.478	ug/l	98
24) 1,1-Dichloroethane	3.70	63	370696	43.946	ug/l	99
25) 2-Butanone	4.70	43	838680	222.693	ug/l	99
26) 2,2-Dichloropropane	4.59	77	266554	41.094	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	246468	42.825	ug/l	98
28) Bromochloromethane	5.02	49	159778	43.233	ug/l	95
29) Tetrahydrofuran	5.15	42	549418	224.483	ug/l	97
30) Chloroform	5.21	83	406101	45.982	ug/l	95
31) Cyclohexane	5.57	56	298195	39.718	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	335866	44.867	ug/l	98
36) 1,1-Dichloropropene	5.80	75	275027	41.812	ug/l	98
37) Ethyl Acetate	4.85	43	315154	44.690	ug/l	99
38) Carbon Tetrachloride	5.78	117	292143	44.144	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	326905	38.984	ug/l	98
40) Benzene	6.14	78	862755	42.986	ug/l	99
41) Methacrylonitrile	5.06	41	175916	43.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	307009	44.265	ug/l	100
43) Isopropyl Acetate	6.46	43	516512	46.434	ug/l	98
44) Trichloroethene	7.21	130	254444	42.306	ug/l	99
45) 1,2-Dichloropropane	7.51	63	229347	45.452	ug/l	99
46) Dibromomethane	7.66	93	161729	45.606	ug/l	97
47) Bromodichloromethane	7.90	83	292999	48.540	ug/l	100
48) Methyl methacrylate	7.77	41	264969	46.385	ug/l	97
49) 1,4-Dioxane	7.75	88	114179	874.174	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1695652	237.199	ug/l	99
52) Toluene	8.79	92	563502	43.682	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	320960	47.952	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	349156	47.236	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	249326	48.287	ug/l	98
56) Ethyl methacrylate	9.18	69	359582	47.703	ug/l	96
57) 1,3-Dichloropropane	9.37	76	394940	46.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	897288	231.516	ug/l	99
59) 2-Hexanone	9.49	43	1270036	233.134	ug/l	98
60) Dibromochloromethane	9.59	129	259771	51.810	ug/l	98
61) 1,2-Dibromoethane	9.67	107	263626	46.377	ug/l	99
64) Tetrachloroethene	9.34	164	248446	41.579	ug/l	98
65) Chlorobenzene	10.14	112	666020	44.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247968	48.968	ug/l	99
67) Ethyl Benzene	10.25	91	1086320	43.714	ug/l	99
68) m/p-Xylenes	10.36	106	854706	87.297	ug/l	99
69) o-Xylene	10.70	106	418507	43.830	ug/l	97
70) Styrene	10.71	104	685922	45.357	ug/l	99
71) Bromoform	10.86	173	191148	42.930	ug/l	99
73) Isopropylbenzene	11.02	105	1123787	44.240	ug/l	99
74) N-amyl acetate	10.90	43	463297	45.300	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	369318	45.797	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	412974	56.571	ug/l	89
77) Bromobenzene	11.26	156	301879	43.131	ug/l	98
78) n-propylbenzene	11.36	91	1236276	44.333	ug/l	98
79) 2-Chlorotoluene	11.42	91	727414	43.334	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	924137	43.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100044	42.012	ug/l	98
82) 4-Chlorotoluene	11.51	91	853280	43.903	ug/l	99
83) tert-Butylbenzene	11.77	119	950747	44.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	939680	44.026	ug/l	100
85) sec-Butylbenzene	11.94	105	1130405	44.696	ug/l	99
86) p-Isopropyltoluene	12.06	119	1012175	44.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	544355	43.029	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	543885	45.388	ug/l	100
89) n-Butylbenzene	12.39	91	862810	44.741	ug/l	99
90) Hexachloroethane	12.60	117	162957	45.406	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	547044	43.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77457	48.565	ug/l	99

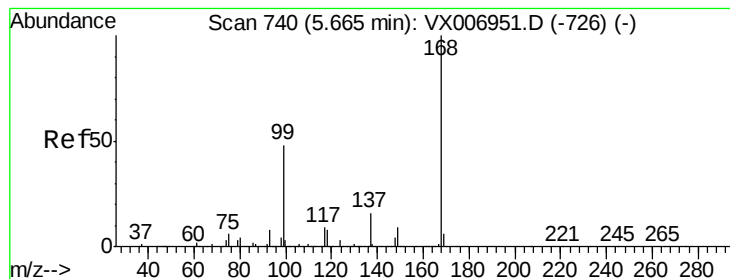
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	380788	44.457	ug/l	99
94) Hexachlorobutadiene	13.78	225	180670	47.532	ug/l	99
95) Naphthalene	13.83	128	1180741	45.492	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	384190	45.153	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

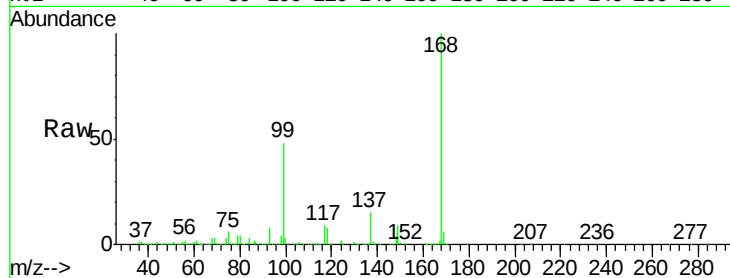
VSTDCCC050EC

Tot Ion:168 Resp: 509438

Ion Ratio Lower Upper

168 100

99 47.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

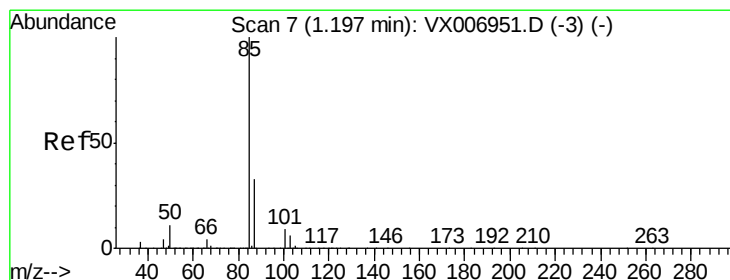
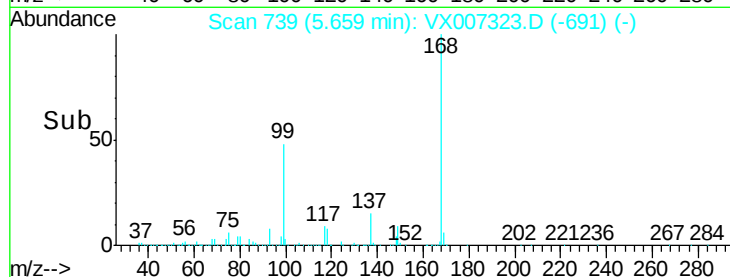
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 37.204 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007323.D

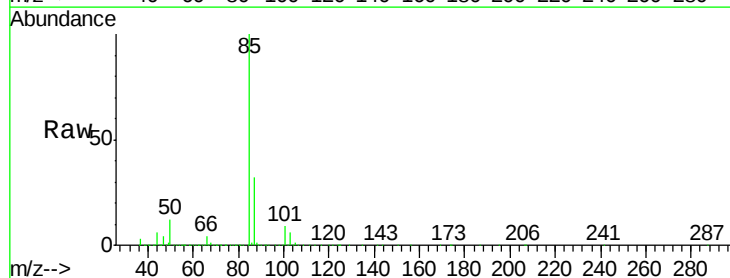
Acq: 30 Jan 2019 18:57

Tgt Ion: 85 Resp: 155644

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

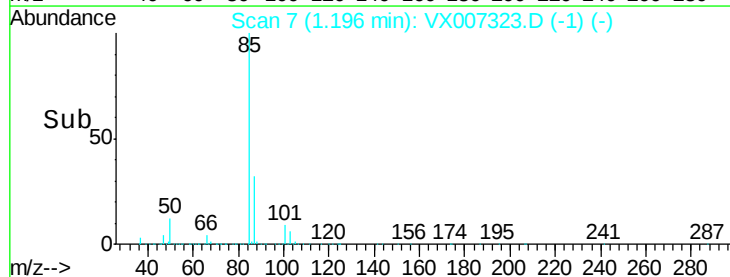
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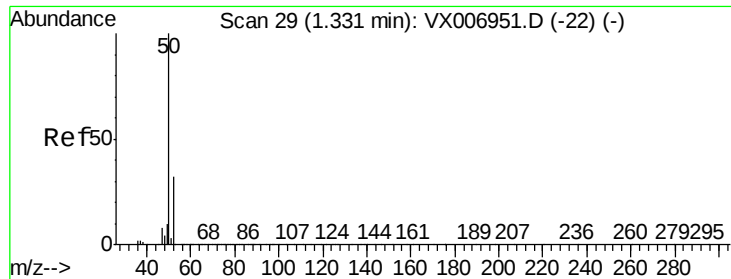
100000

50000

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Time-->





#3

Chloromethane

Concen: 38.375 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

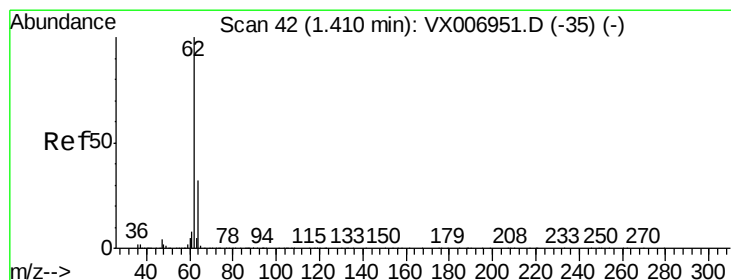
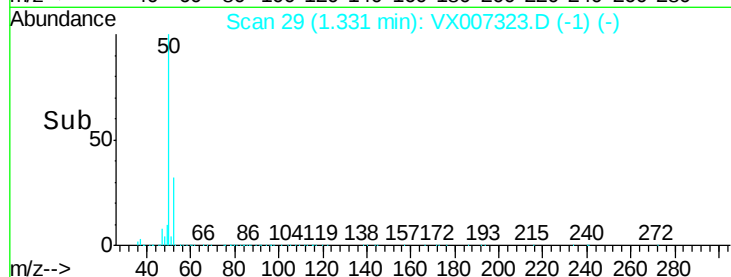
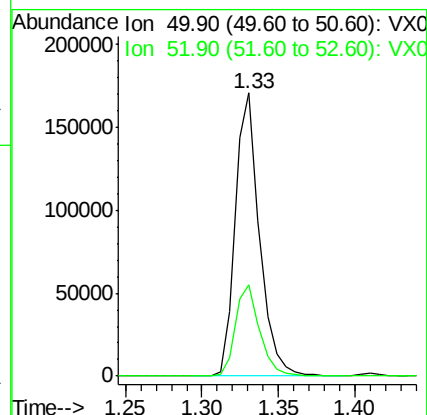
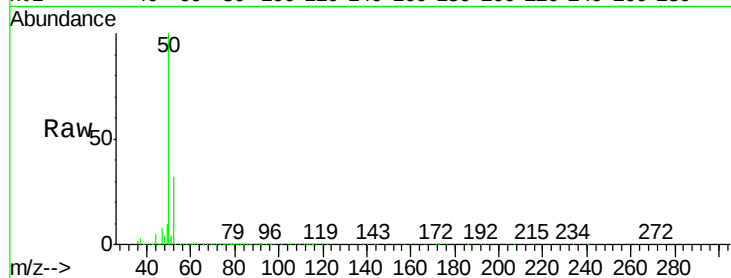
VSTDCCC050EC

Tot Ion: 50 Resp: 186891

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 39.845 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007323.D

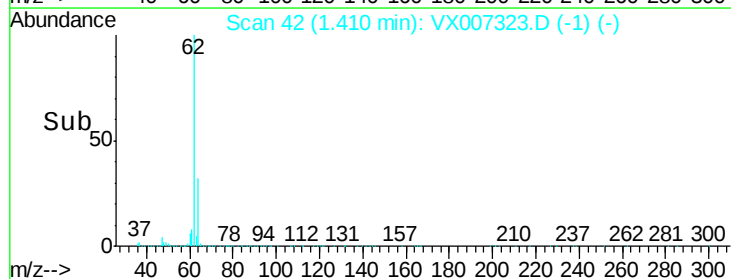
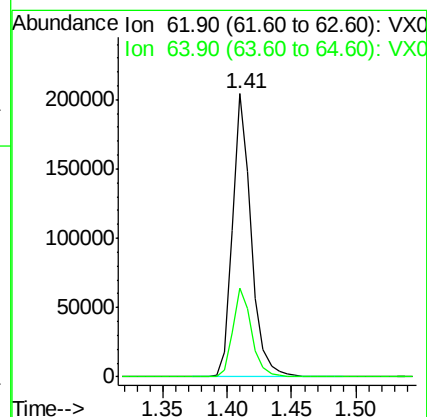
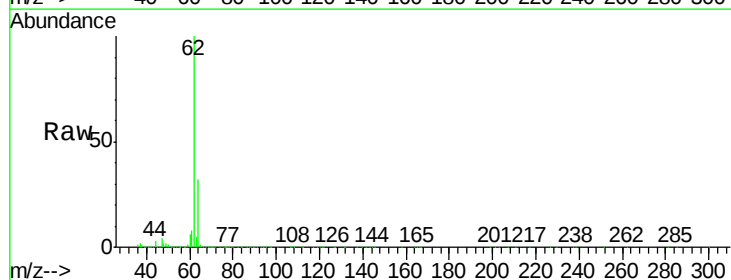
Acq: 30 Jan 2019 18:57

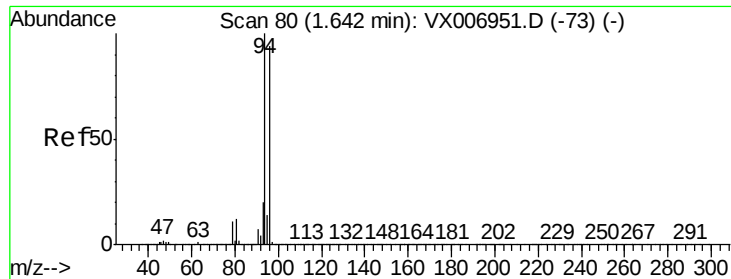
Tgt Ion: 62 Resp: 208740

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 39.577 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

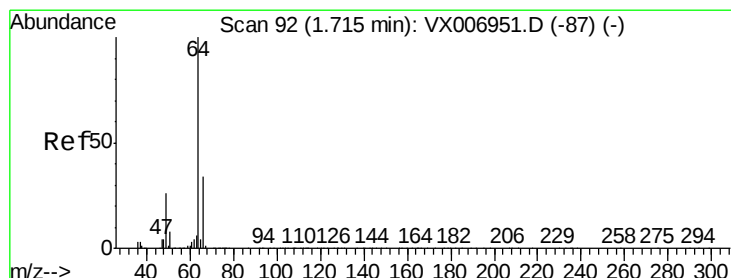
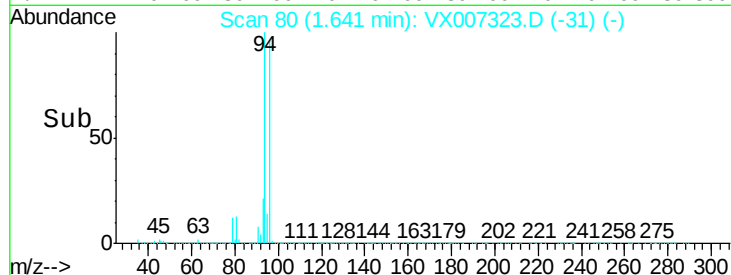
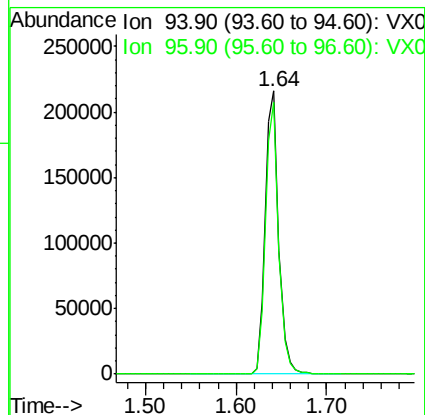
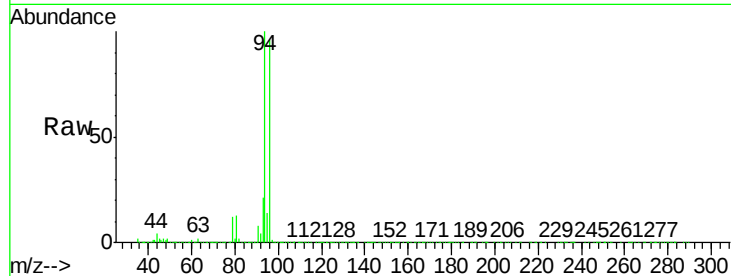
VSTDCCC050EC

Tot Ion: 94 Resp: 221521

Ion Ratio Lower Upper

94 100

96 96.1 73.4 110.2



#6

Chloroethane

Concen: 38.600 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007323.D

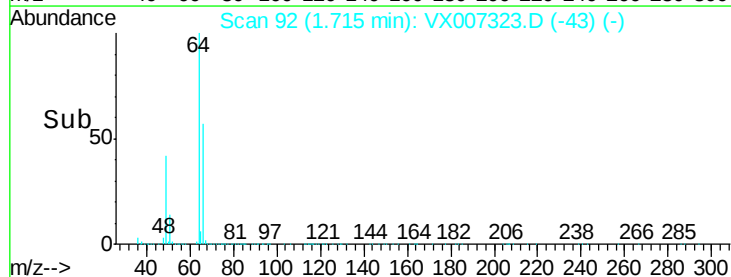
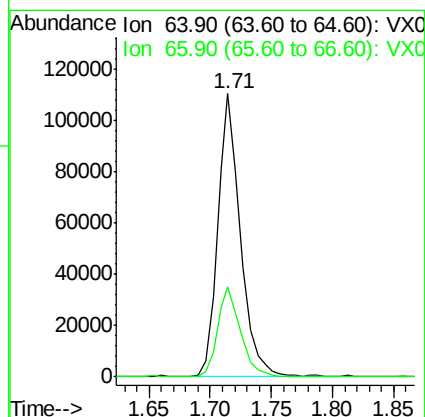
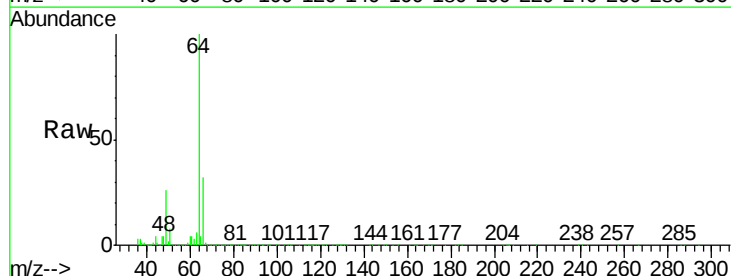
Acq: 30 Jan 2019 18:57

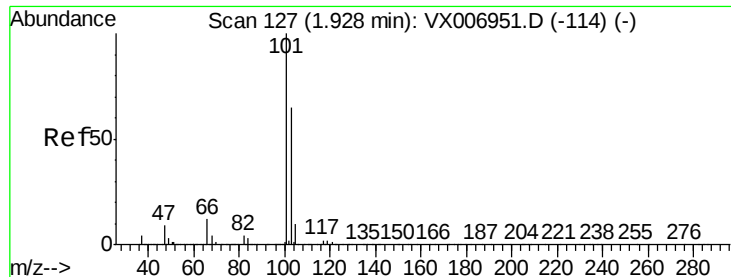
Tgt Ion: 64 Resp: 141199

Ion Ratio Lower Upper

64 100

66 31.8 26.4 39.6



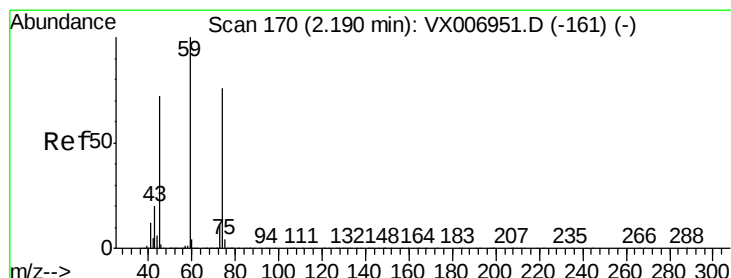
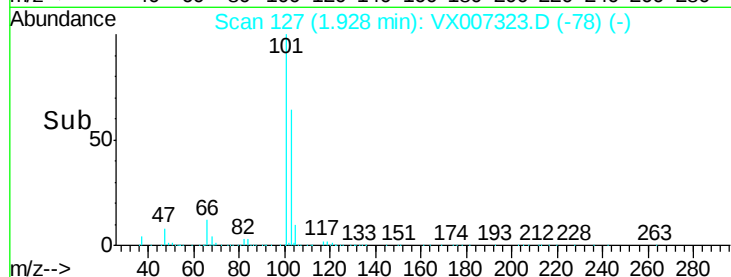
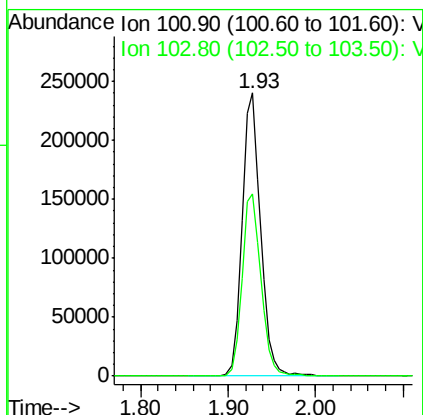
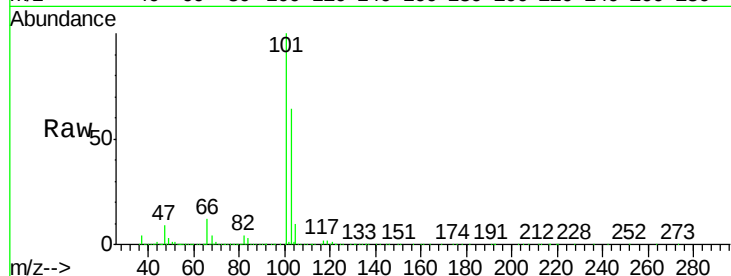


#7

Trichlorofluoromethane
Concen: 41.763 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007323.D
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Instrument :
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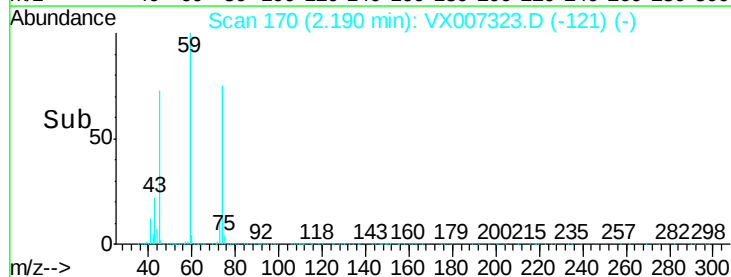
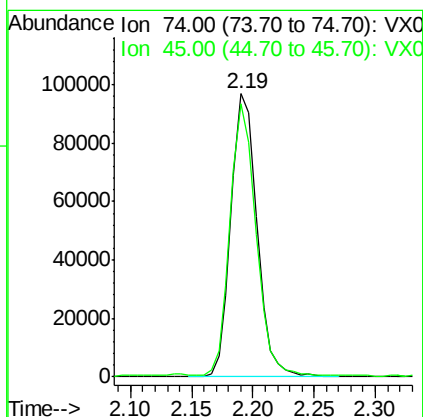
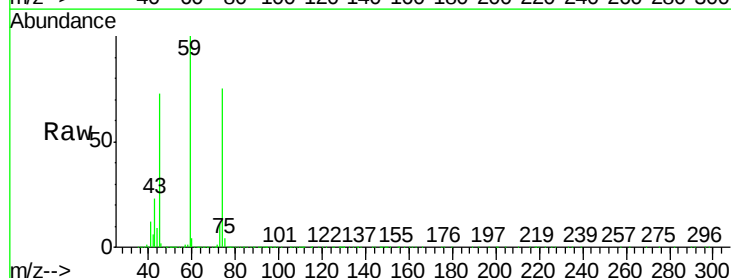
Tot Ion:101 Resp: 353508
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

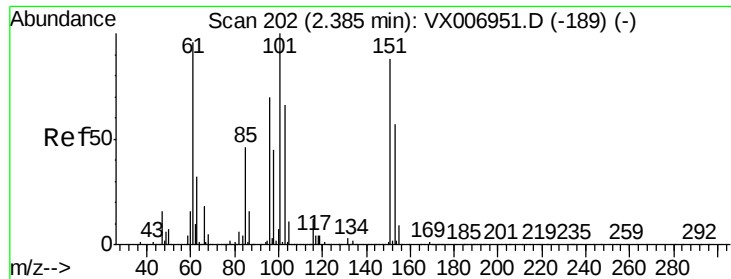


#8

Diethyl Ether
Concen: 42.292 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 74 Resp: 142423
Ion Ratio Lower Upper
74 100
45 95.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.735 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

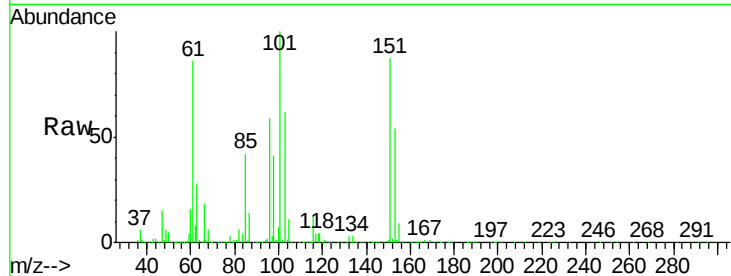
Tot Ion:101 Resp: 216571

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

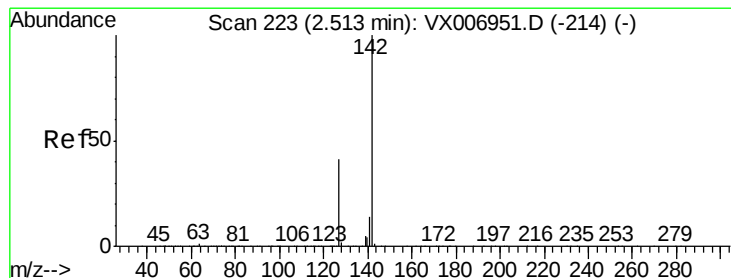
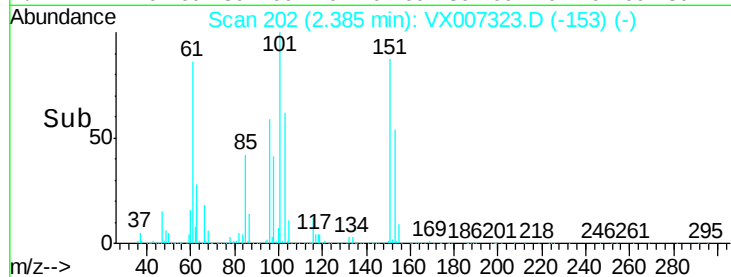
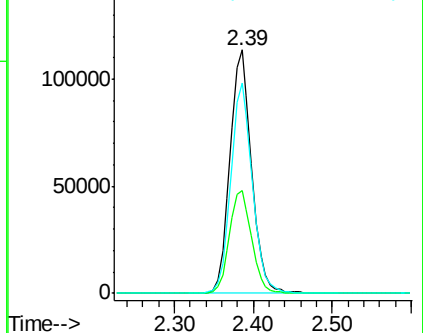
151 86.0 68.9 103.3



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: 46.595 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

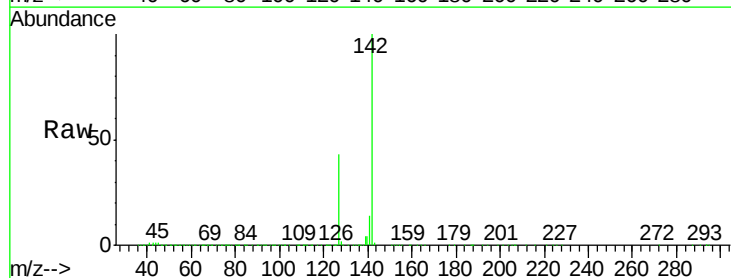
Tgt Ion:142 Resp: 318520

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

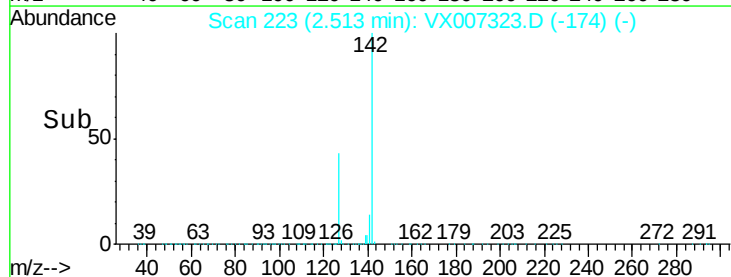
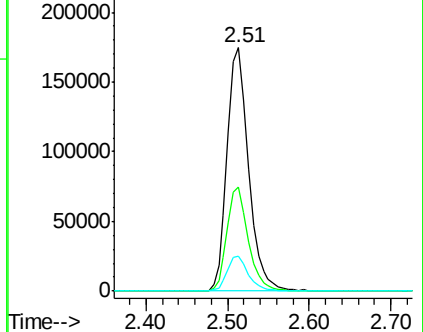
141 14.2 11.4 17.0

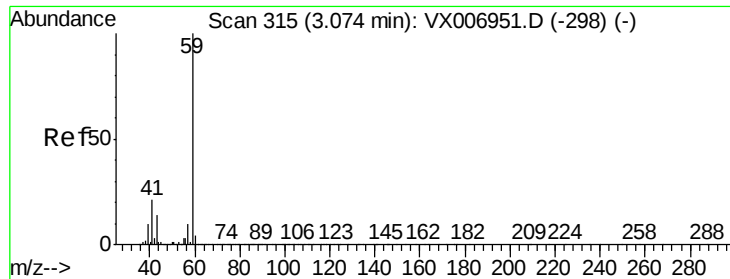


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

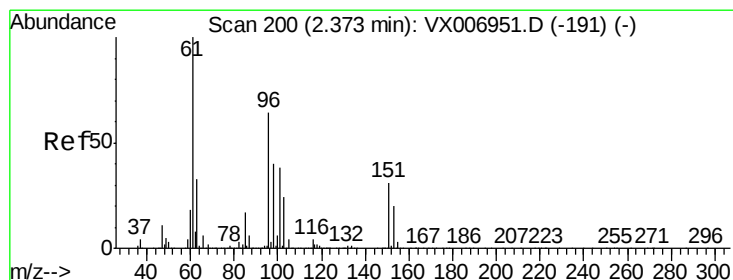
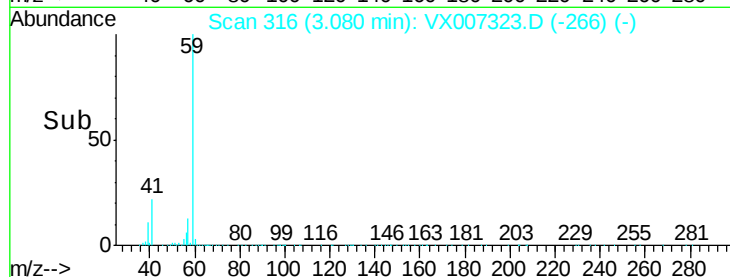
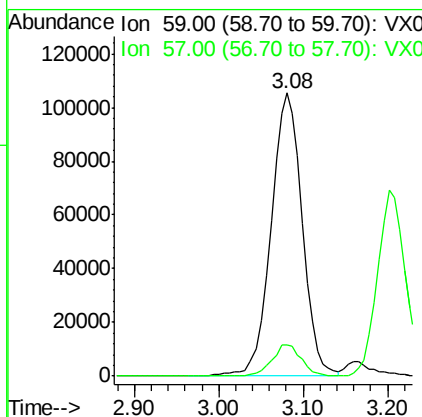
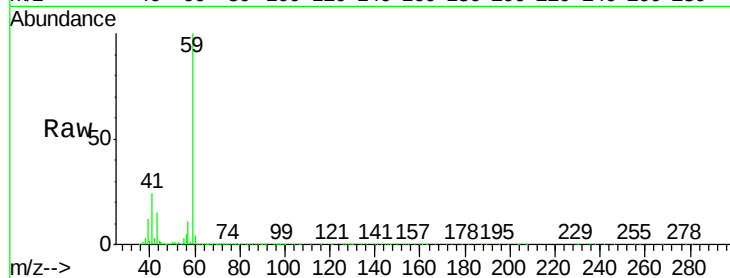




#11
Tert butyl alcohol
Concen: 214.701 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

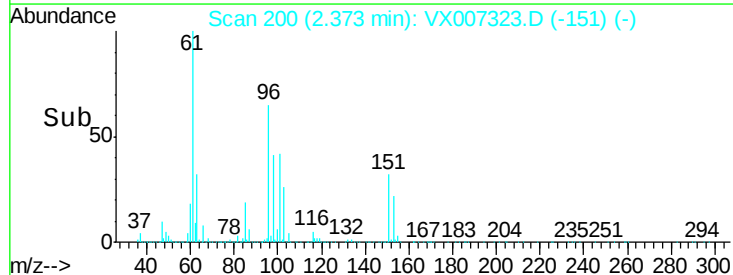
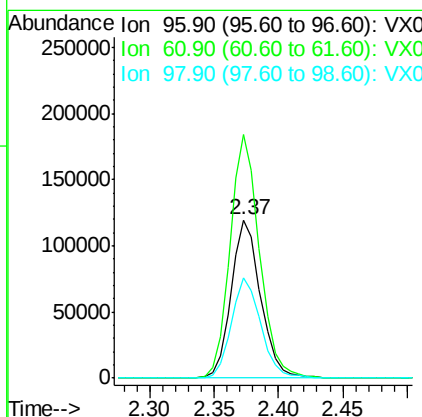
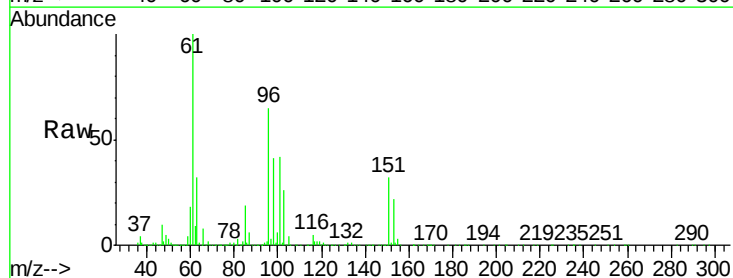
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

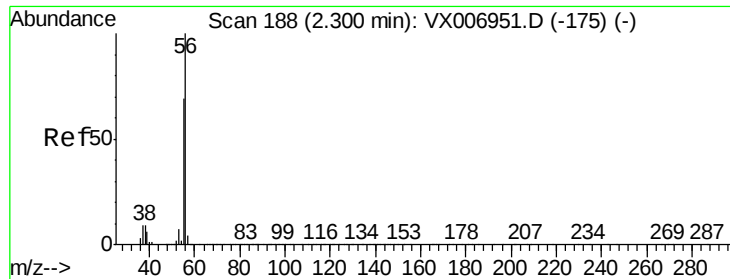
Tot Ion: 59 Resp: 269645
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 40.693 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 96 Resp: 190531
Ion Ratio Lower Upper
96 100
61 154.1 121.4 182.2
98 63.6 51.9 77.9





#13

Acrolein

Concen: 380.040 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

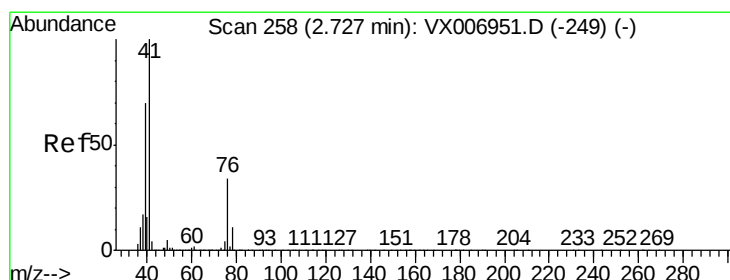
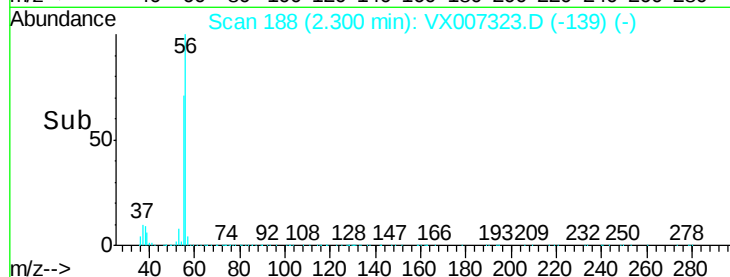
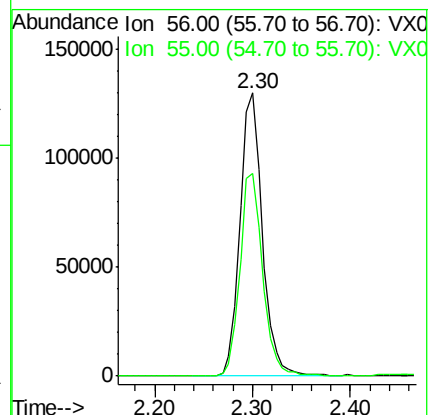
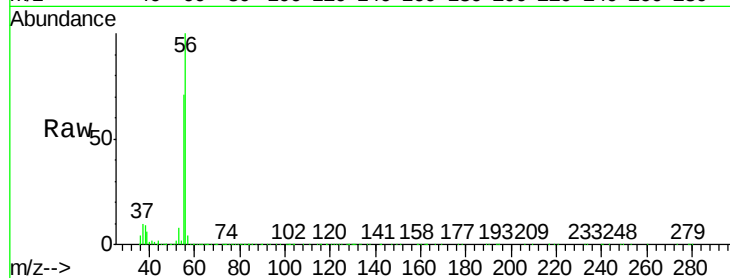
VSTDCCC050EC

Tot Ion: 56 Resp: 206730

Ion Ratio Lower Upper

56 100

55 72.5 58.2 87.4



#14

Allyl chloride

Concen: 43.476 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

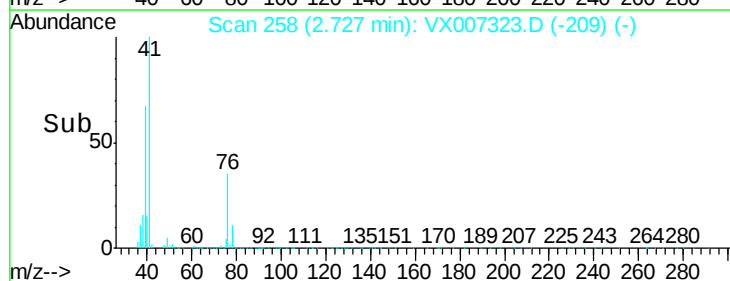
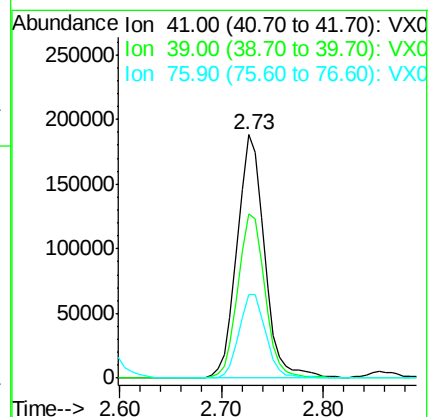
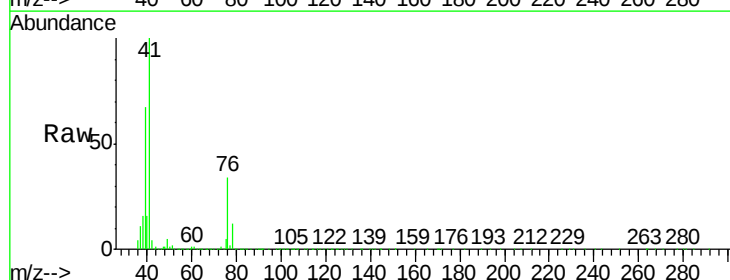
Tgt Ion: 41 Resp: 348861

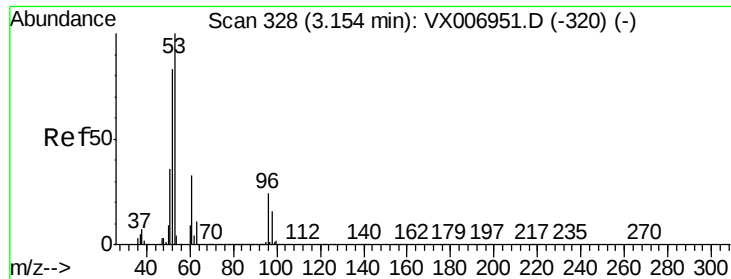
Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

76 33.2 27.4 41.2





#15

Acrylonitrile

Concen: 231.302 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

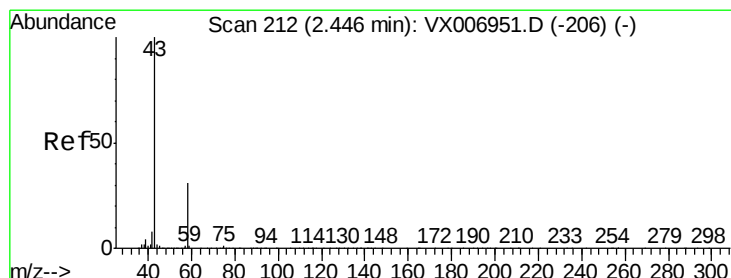
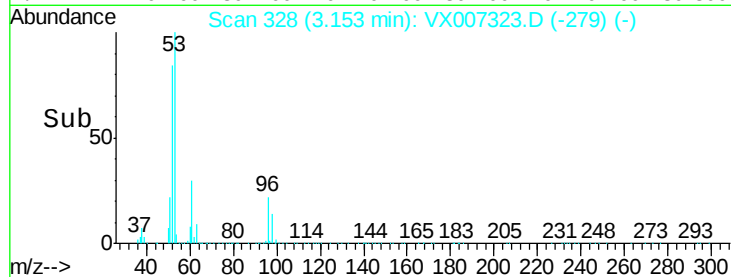
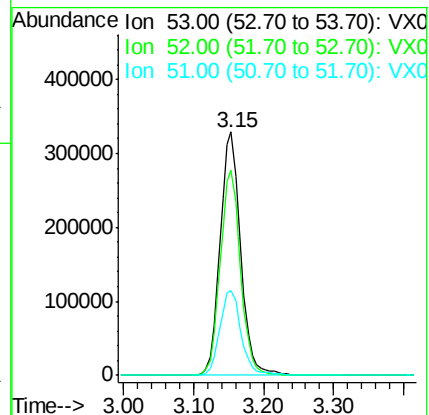
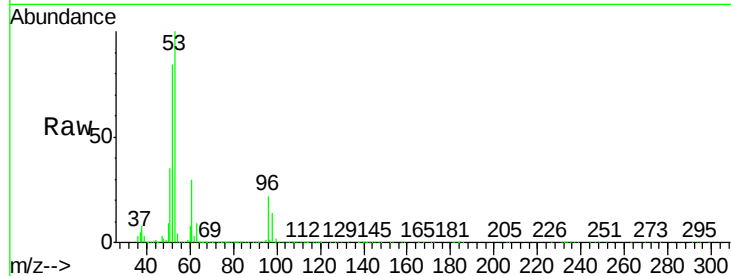
Tot Ion: 53 Resp: 666870

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 36.1 28.6 42.8



#16

Acetone

Concen: 214.401 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007323.D

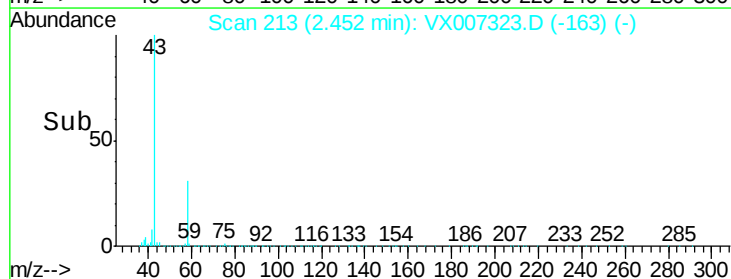
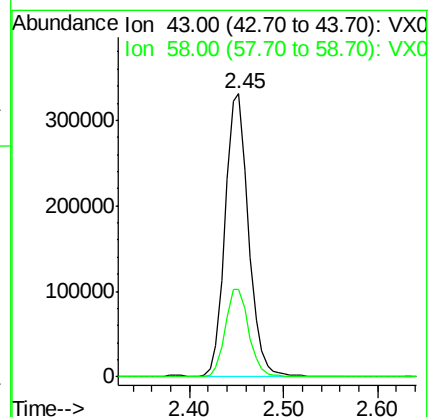
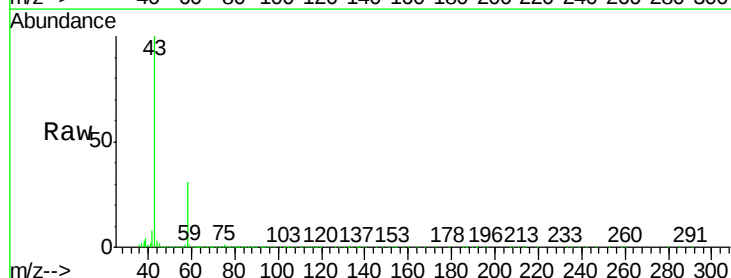
Acq: 30 Jan 2019 18:57

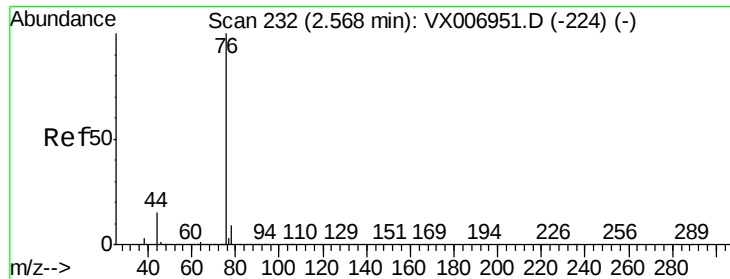
Tgt Ion: 43 Resp: 564314

Ion Ratio Lower Upper

43 100

58 30.8 25.0 37.6





#17

Carbon Disulfide

Concen: 31.064 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

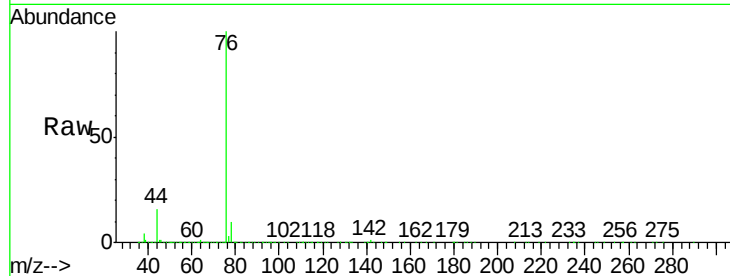
VSTDCCC050EC

Tot Ion: 76 Resp: 374465

Ion Ratio Lower Upper

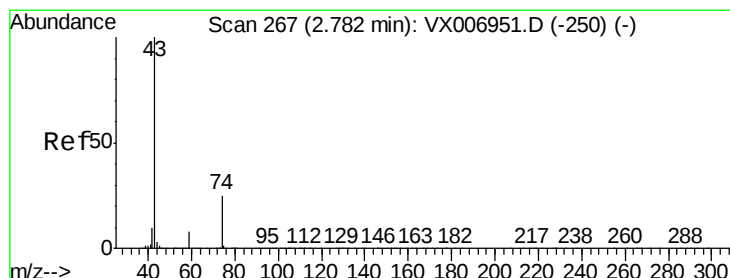
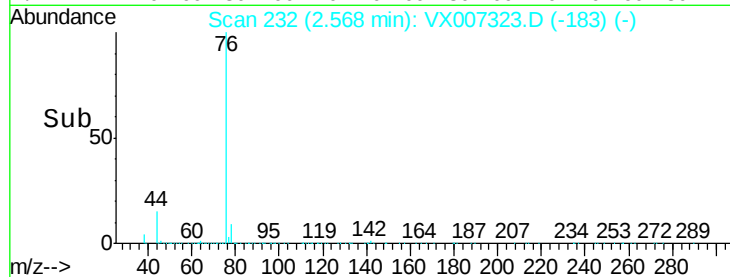
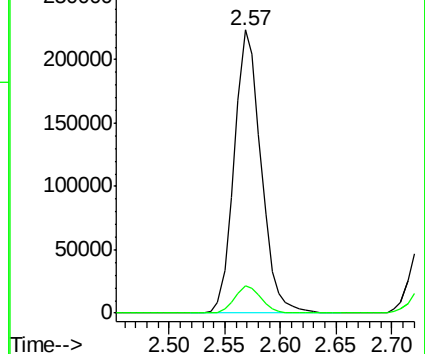
76 100

78 9.5 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: 53.585 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007323.D

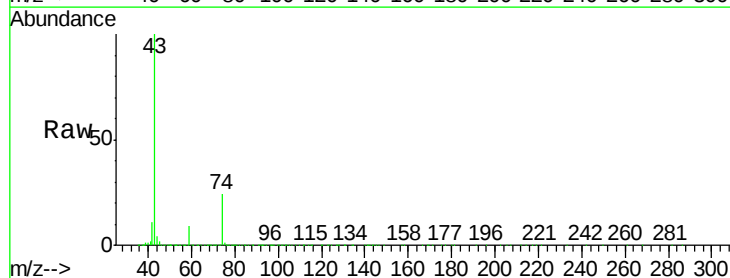
Acq: 30 Jan 2019 18:57

Tgt Ion: 43 Resp: 408436

Ion Ratio Lower Upper

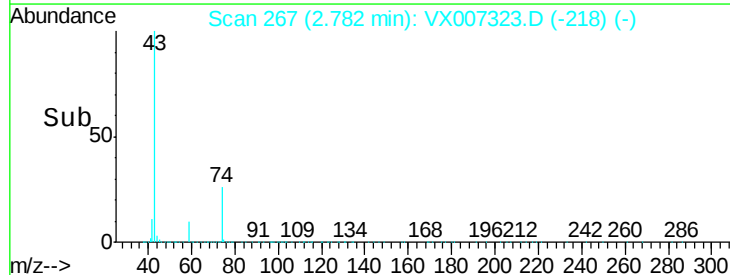
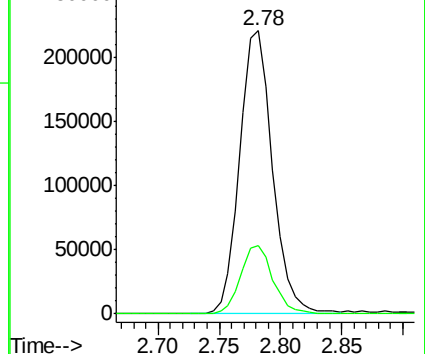
43 100

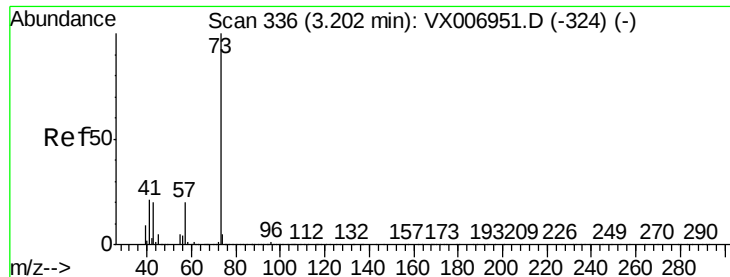
74 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



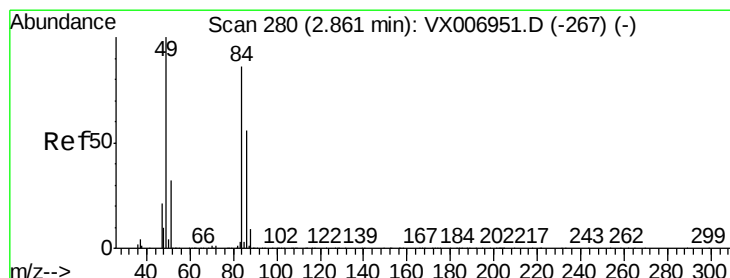
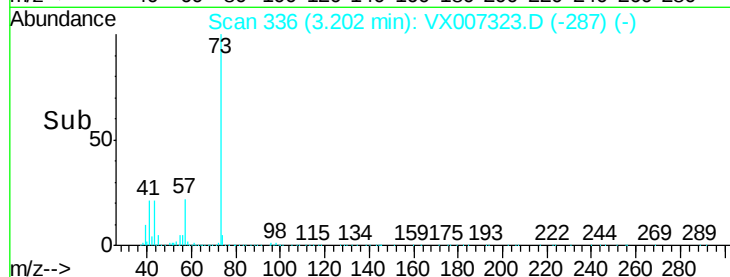
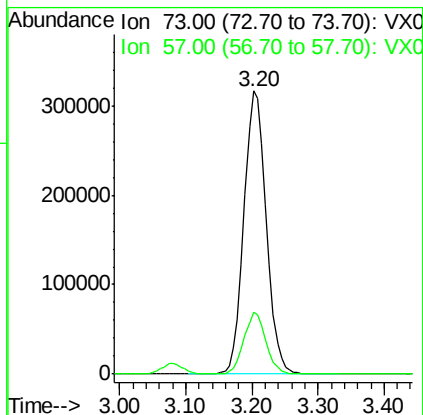
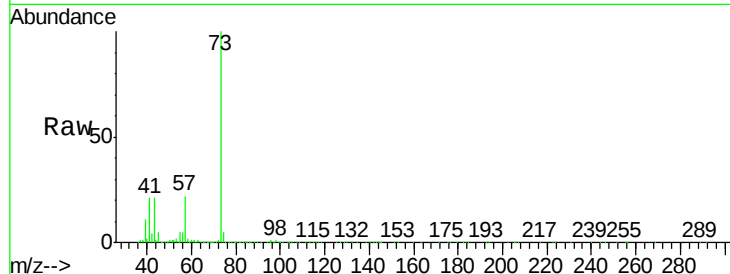


#19

Methyl tert-butyl Ether
 Concen: 45.842 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

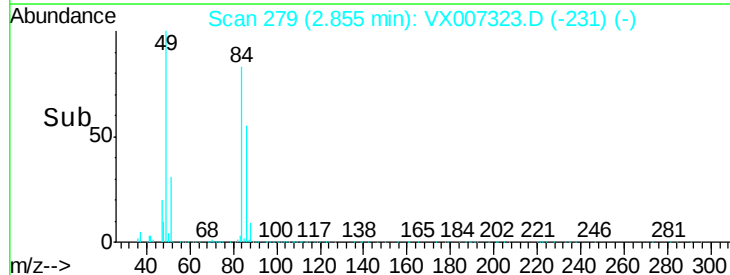
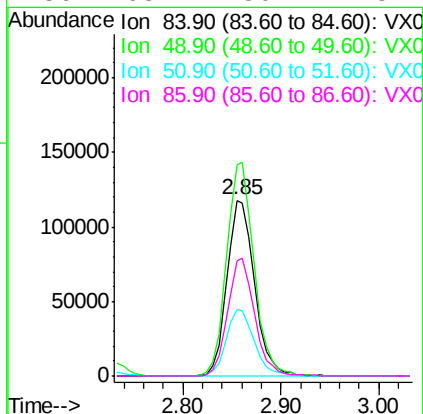
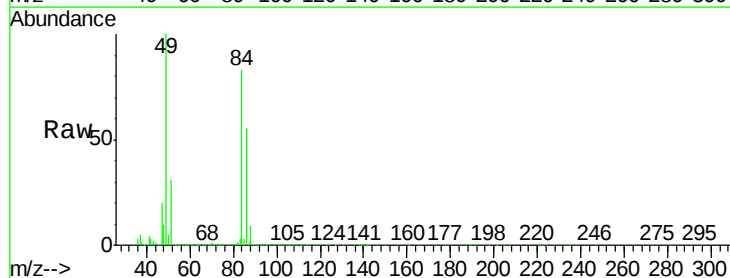
Tot Ion: 73 Resp: 744977
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.8 25.2

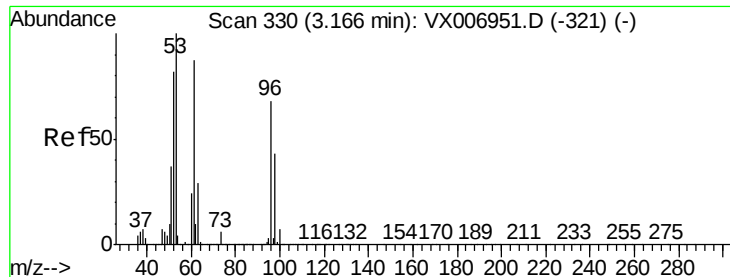


#20

Methylene Chloride
 Concen: 45.810 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion: 84 Resp: 229568
 Ion Ratio Lower Upper
 84 100
 49 120.1 91.8 137.6
 51 37.5 28.5 42.7
 86 65.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 39.730 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

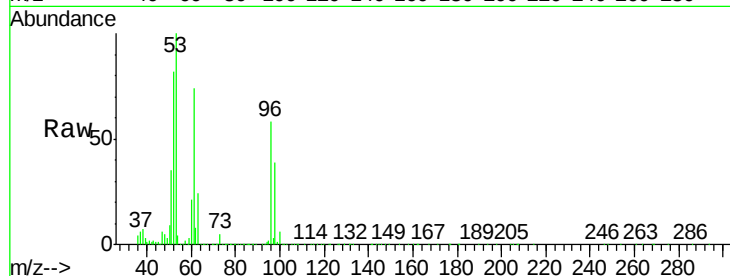
Tot Ion: 96 Resp: 207301

Ion Ratio Lower Upper

96 100

61 128.5 103.7 155.5

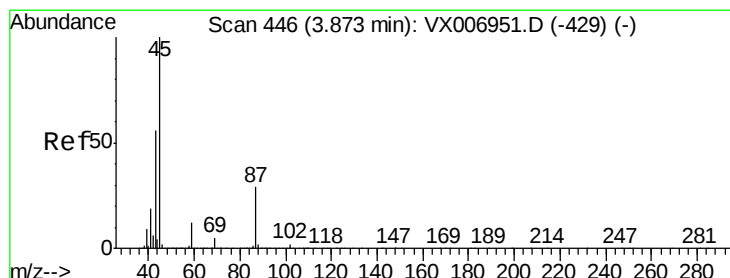
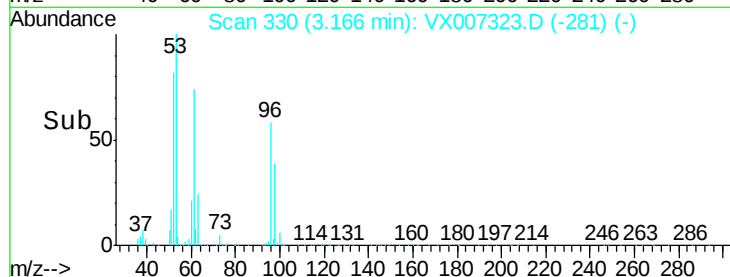
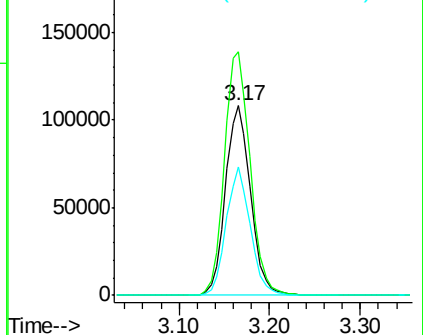
98 67.6 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.075 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion: 45 Resp: 695069

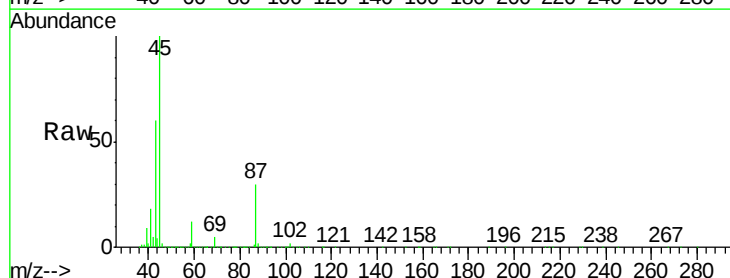
Ion Ratio Lower Upper

45 100

43 59.7 51.2 76.8

87 29.9 25.8 38.6

59 12.1 9.0 13.4

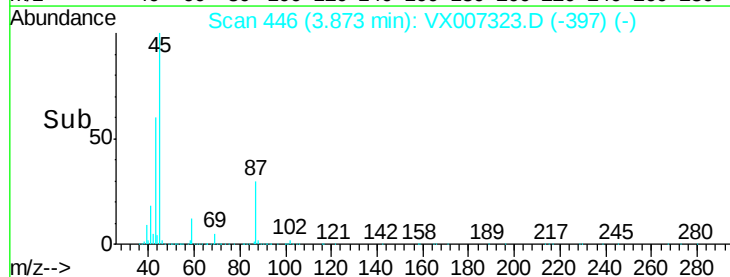
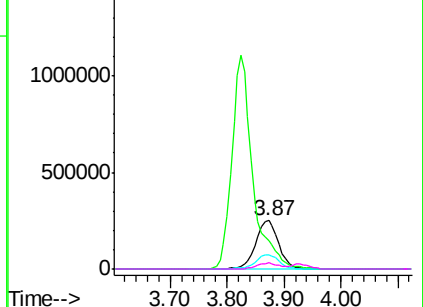


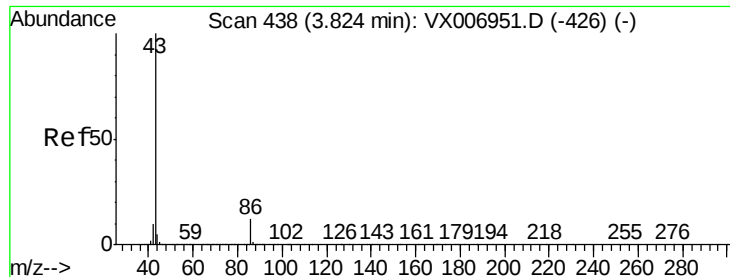
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 222.478 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

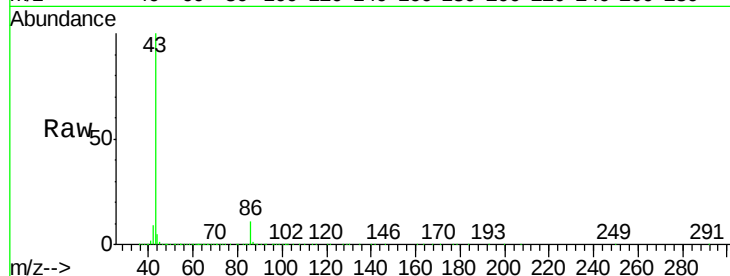
VSTDCCC050EC

Tot Ion: 43 Resp: 2830361

Ion Ratio Lower Upper

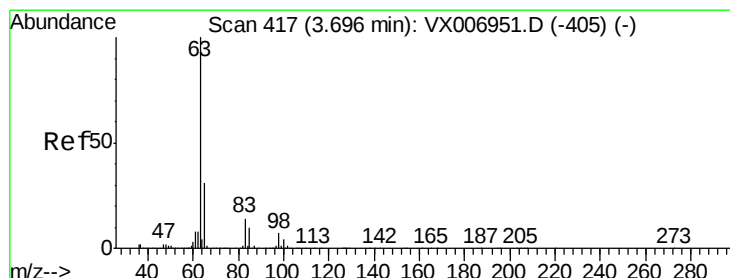
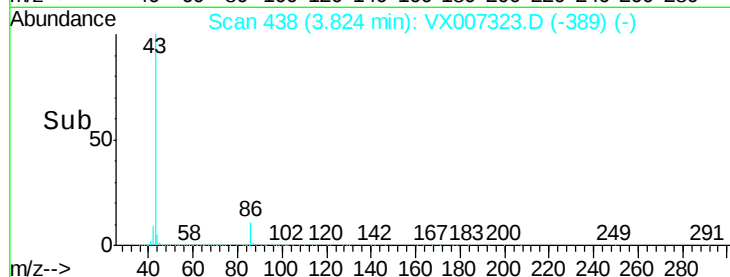
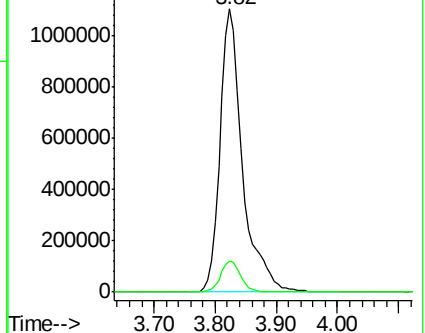
43 100

86 10.9 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: 43.946 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

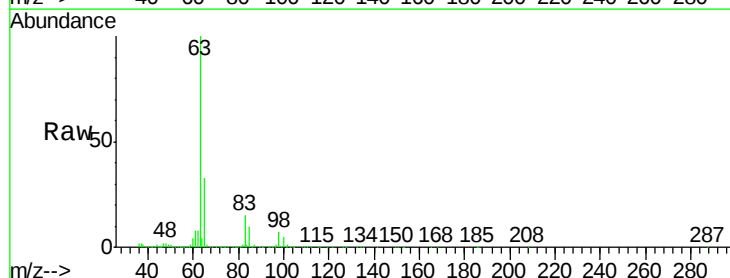
Tgt Ion: 63 Resp: 370696

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

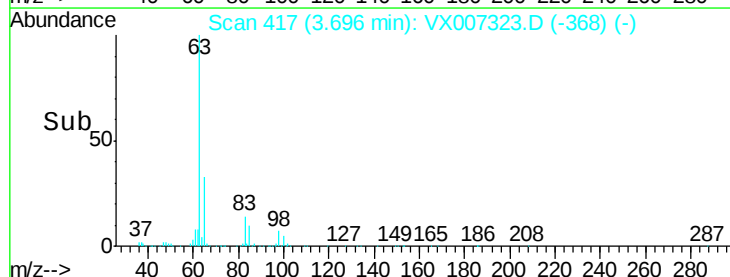
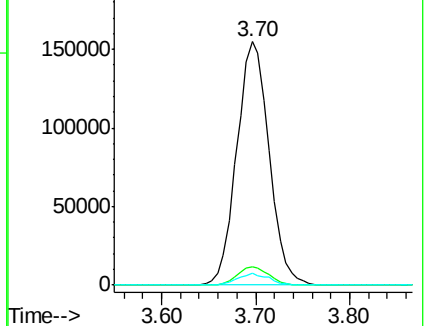
100 4.7 2.4 7.2

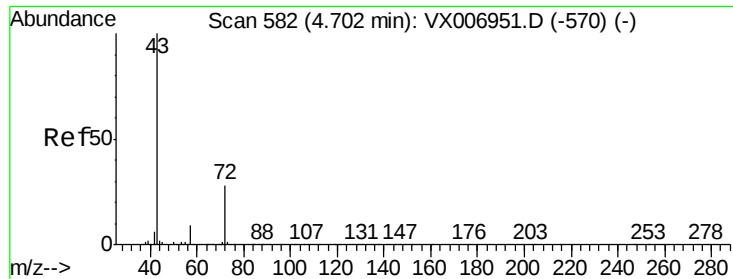


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 222.693 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

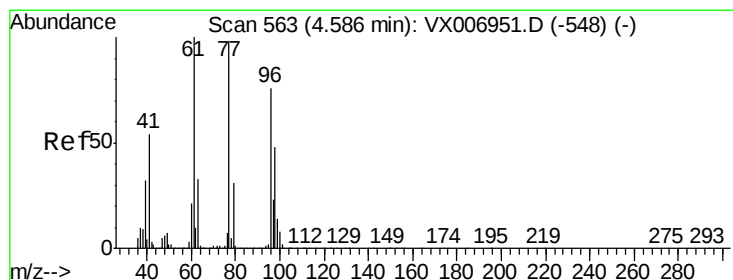
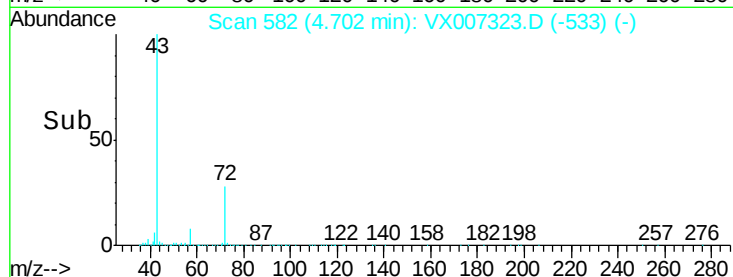
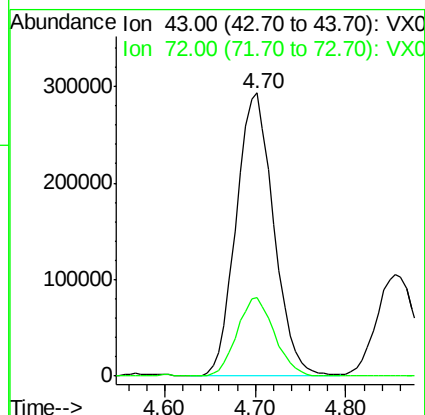
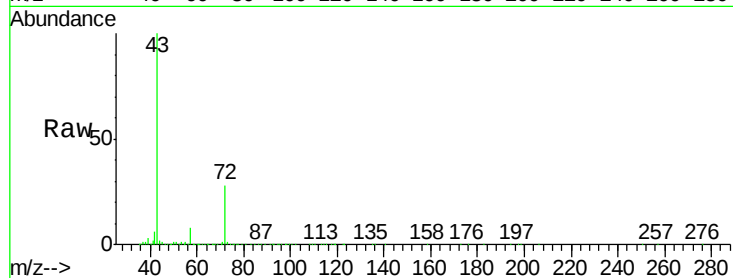
VSTDCCC050EC

Tot Ion: 43 Resp: 838680

Ion Ratio Lower Upper

43 100

72 27.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 41.094 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007323.D

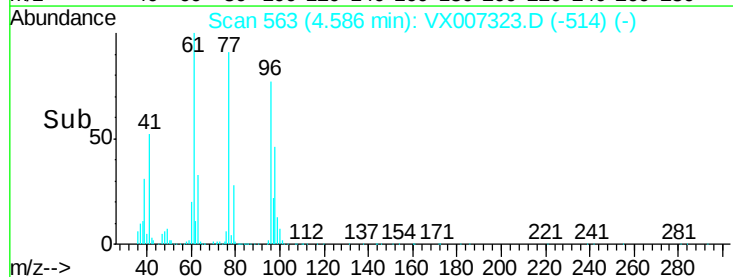
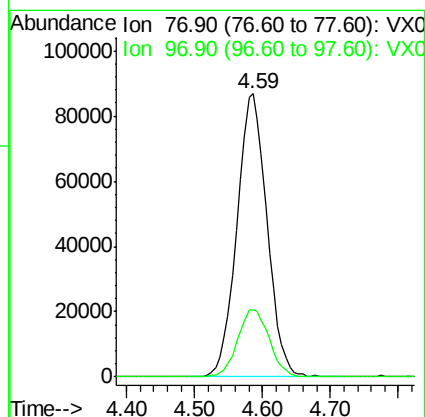
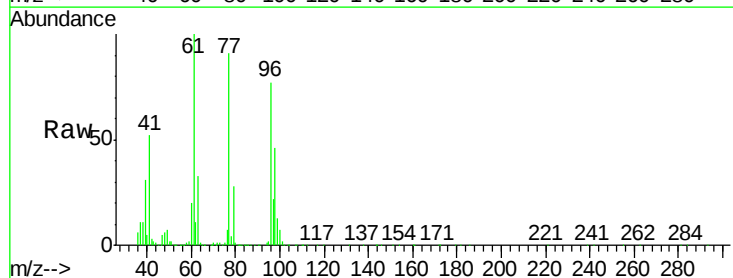
Acq: 30 Jan 2019 18:57

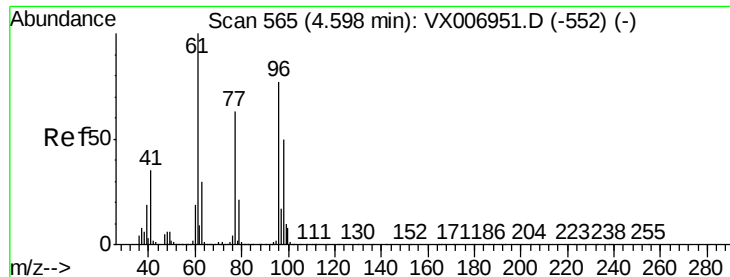
Tgt Ion: 77 Resp: 266554

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



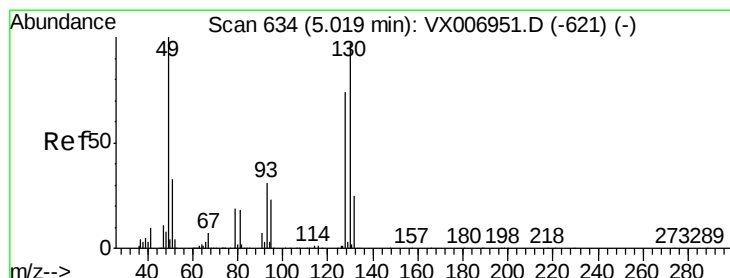
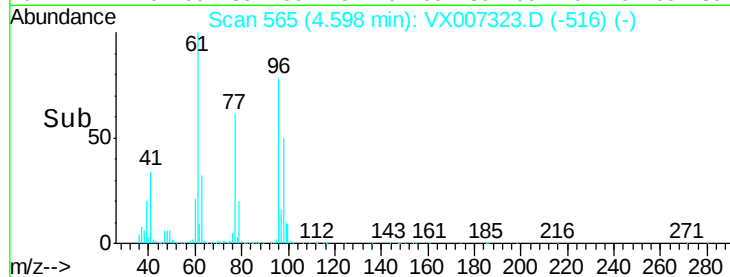
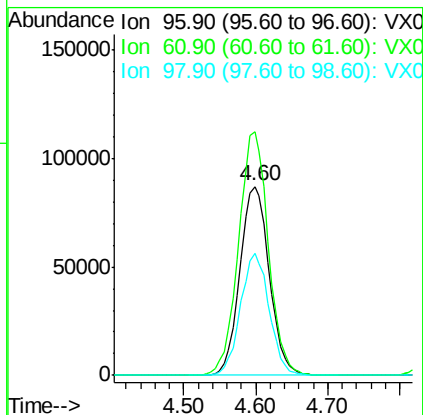
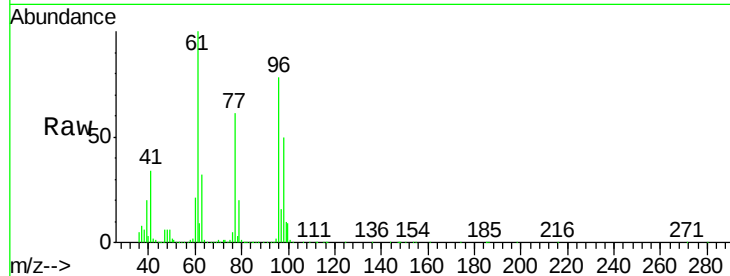


#27

cis-1,2-Dichloroethene
Concen: 42.825 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

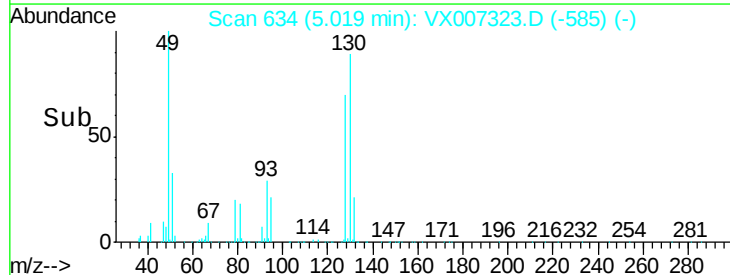
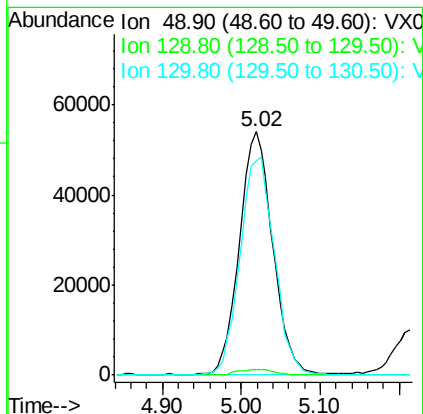
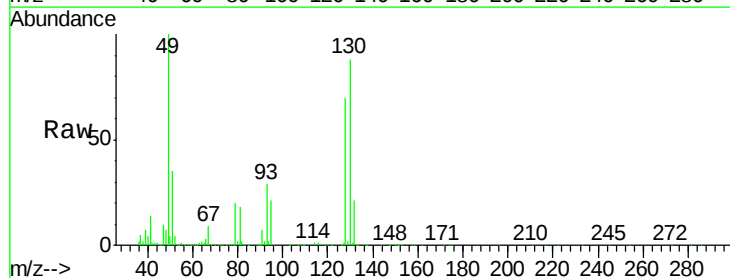
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	258.6
98	63.2	0.0	132.0

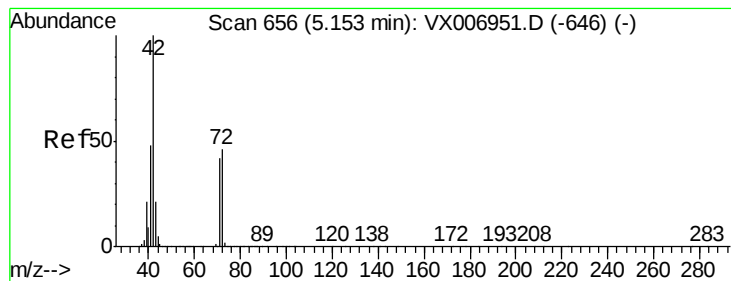


#28

Bromochloromethane
Concen: 43.233 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	92.1	77.7	116.5





#29

Tetrahydrofuran

Concen: 224.483 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

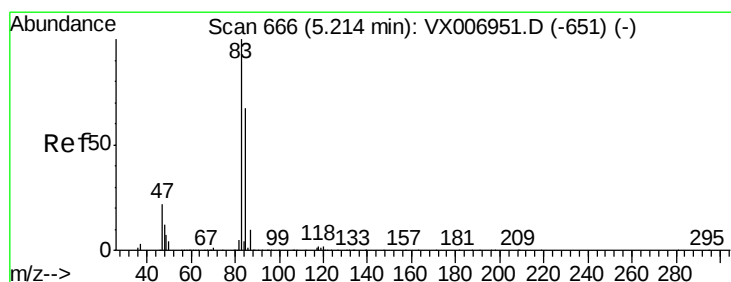
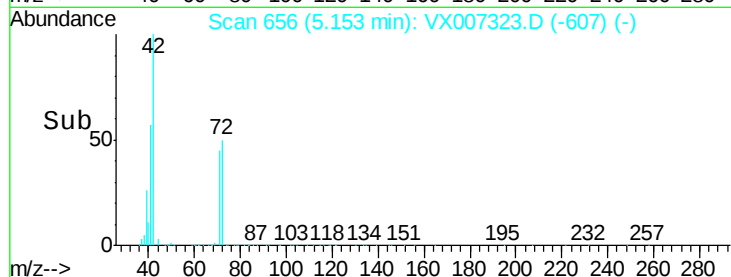
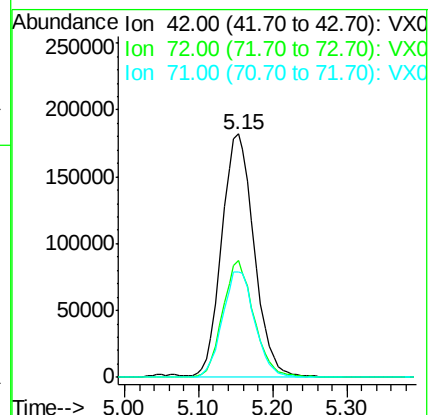
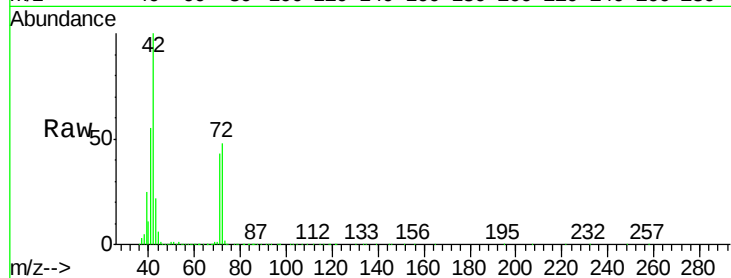
Tot Ion: 42 Resp: 549418

Ion Ratio Lower Upper

42 100

72 46.2 38.9 58.3

71 43.4 36.2 54.4



#30

Chloroform

Concen: 45.982 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007323.D

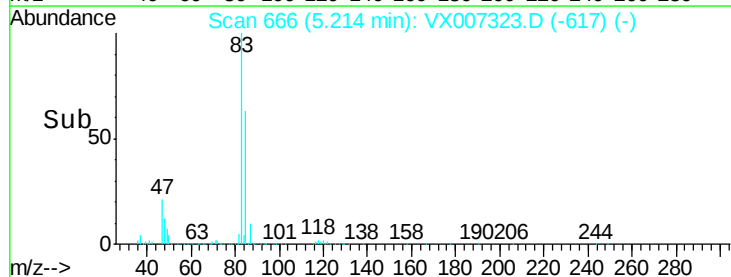
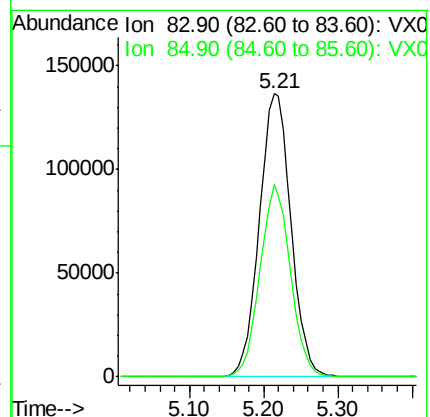
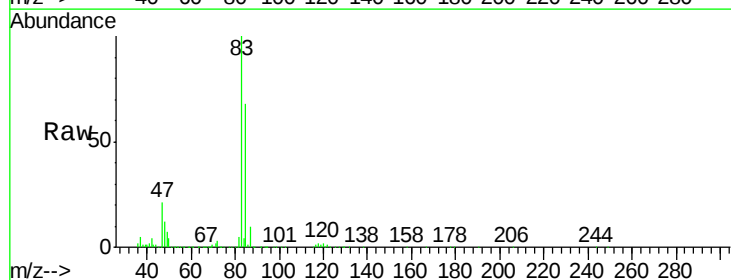
Acq: 30 Jan 2019 18:57

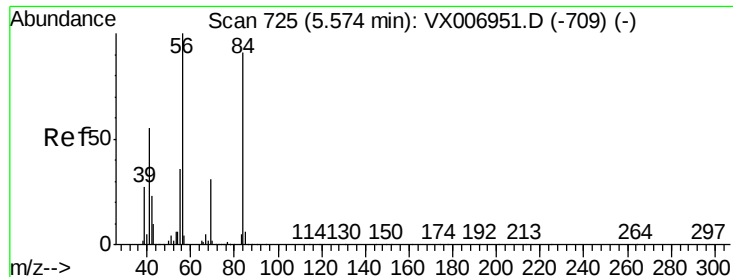
Tgt Ion: 83 Resp: 406101

Ion Ratio Lower Upper

83 100

85 67.7 51.2 76.8





#31

Cyclohexane

Concen: 39.718 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

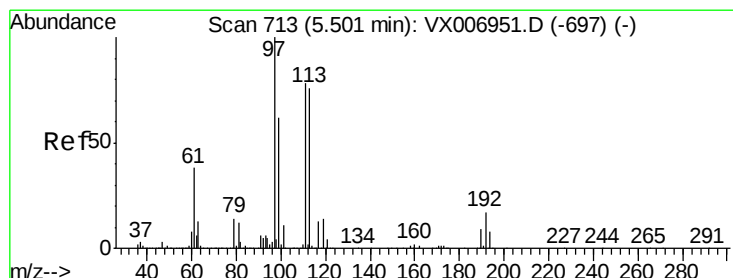
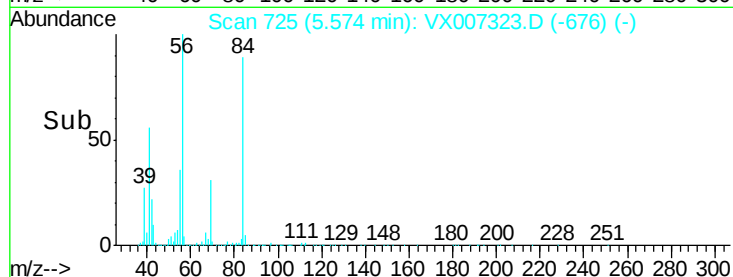
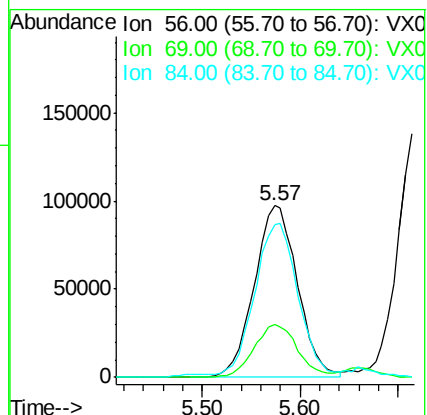
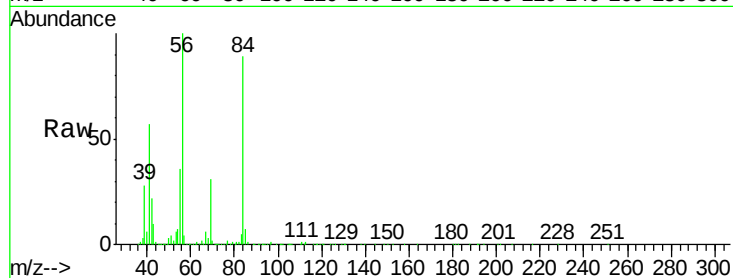
Tot Ion: 56 Resp: 298195

Ion Ratio Lower Upper

56 100

69 31.2 24.4 36.6

84 87.1 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 44.867 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

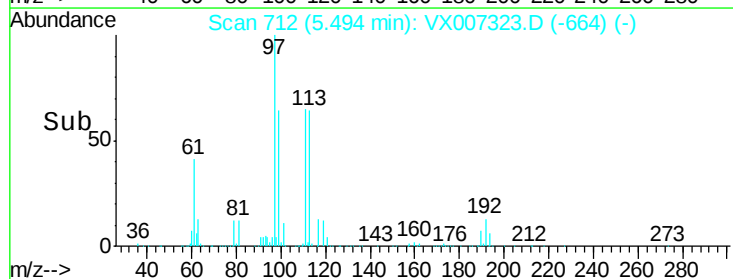
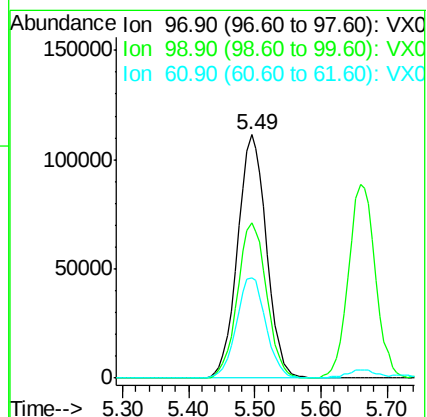
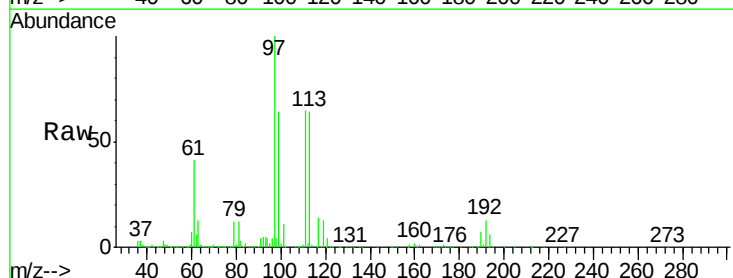
Tgt Ion: 97 Resp: 335866

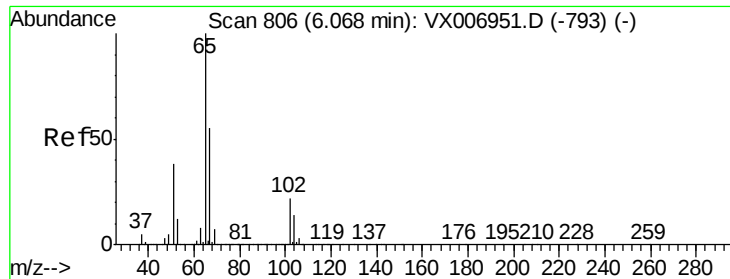
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 42.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 44.895 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

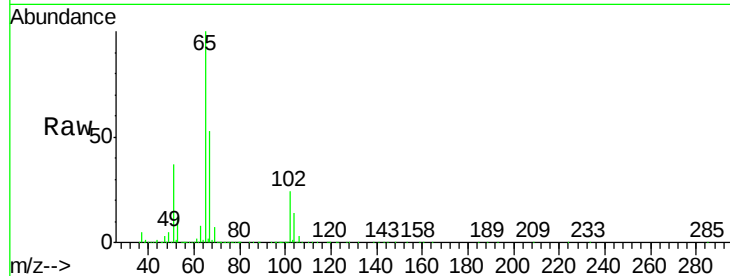
VSTDCCC050EC

Tot Ion: 65 Resp: 239025

Ion Ratio Lower Upper

65 100

67 52.4 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

100000

80000

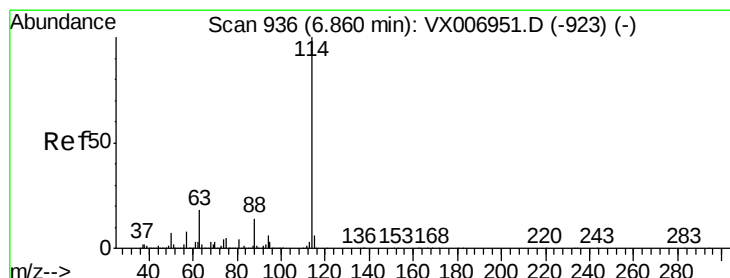
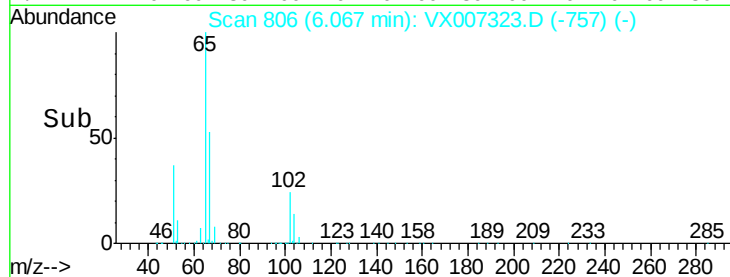
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

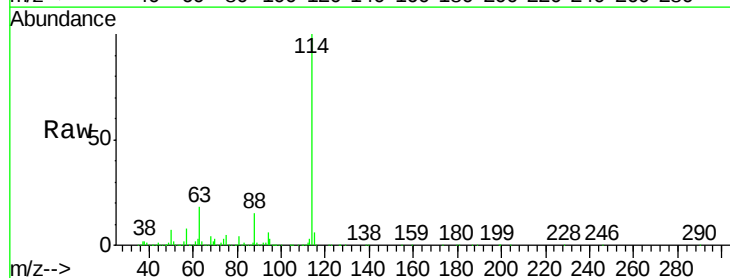
Tgt Ion: 114 Resp: 756571

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

88 14.6 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

400000

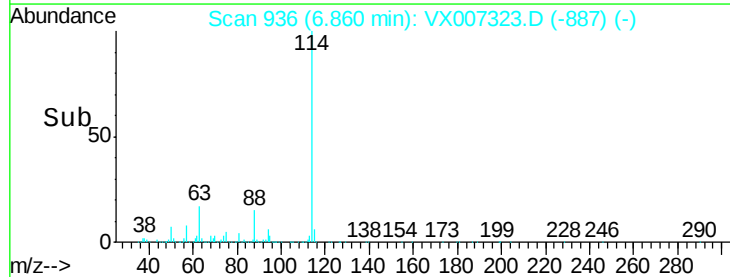
300000

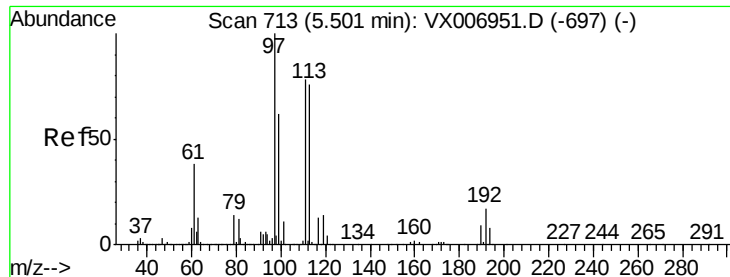
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.465 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

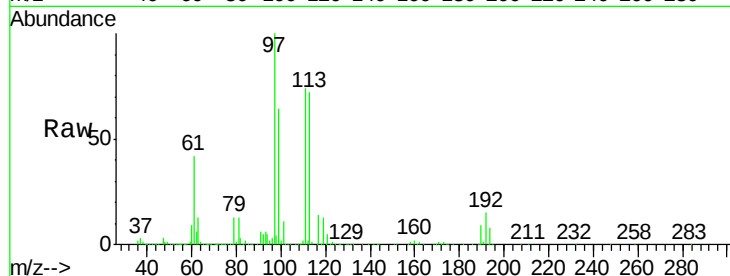
Tot Ion:113 Resp: 220279

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

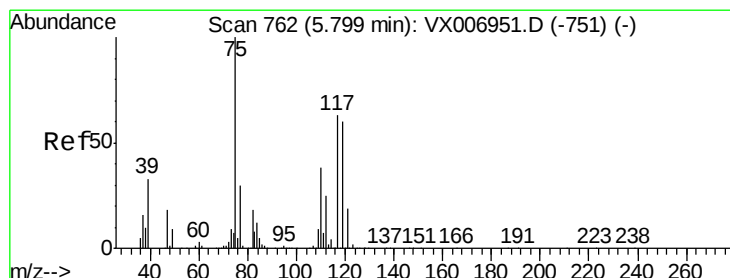
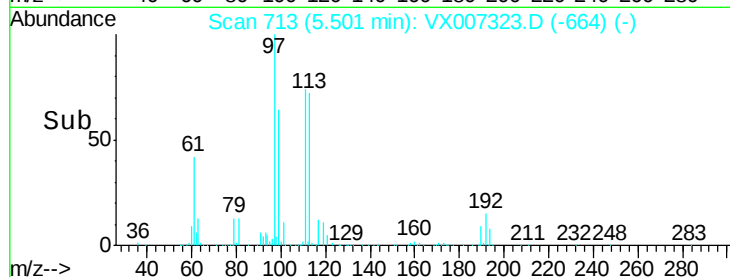
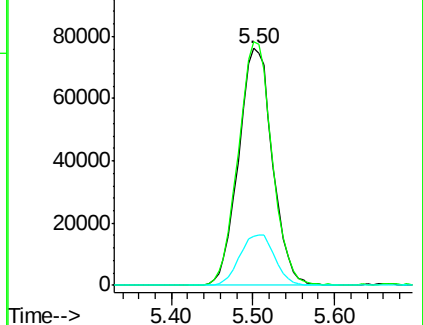
192 22.4 16.7 25.1



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: 41.812 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

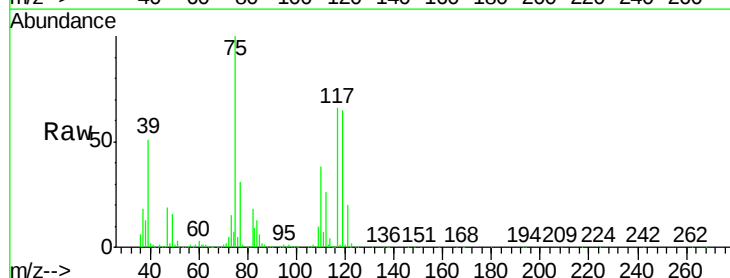
Tgt Ion: 75 Resp: 275027

Ion Ratio Lower Upper

75 100

110 38.5 20.2 60.5

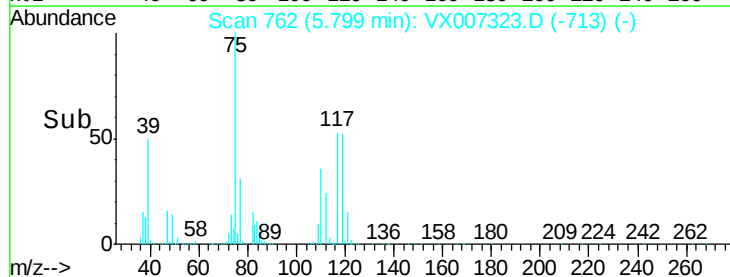
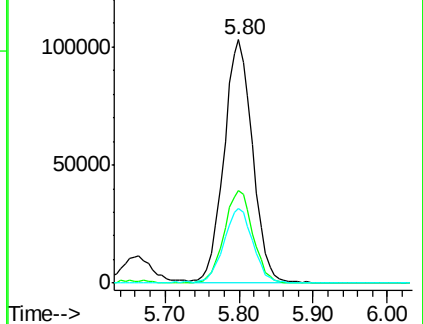
77 30.8 24.8 37.2

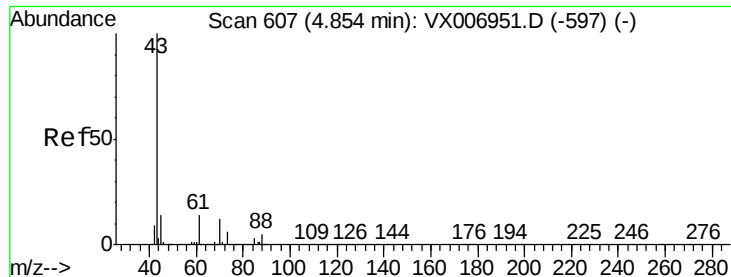


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

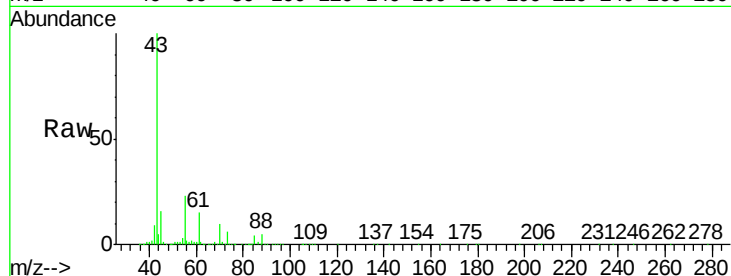




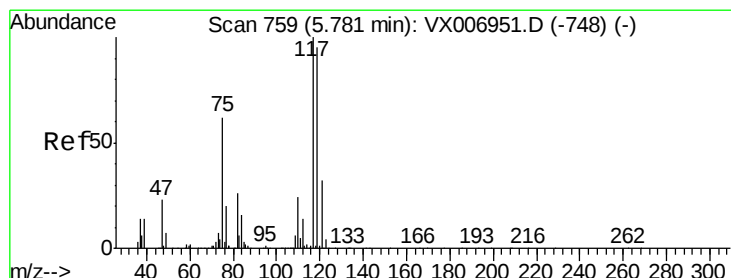
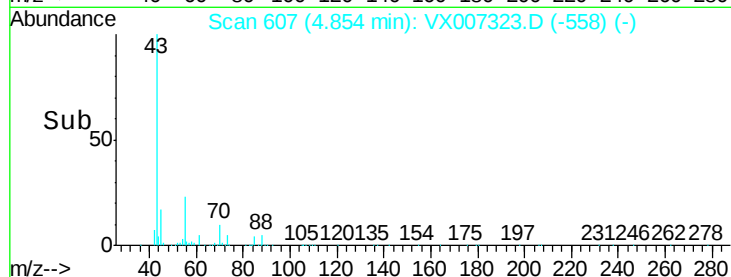
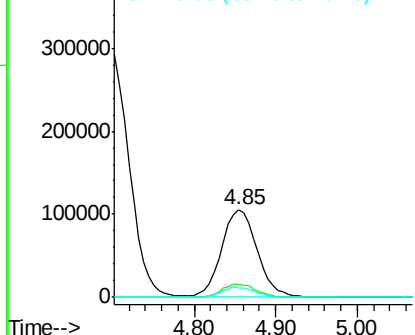
#37
Ethyl Acetate
Concen: 44.690 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 315154
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.0 9.7 14.5

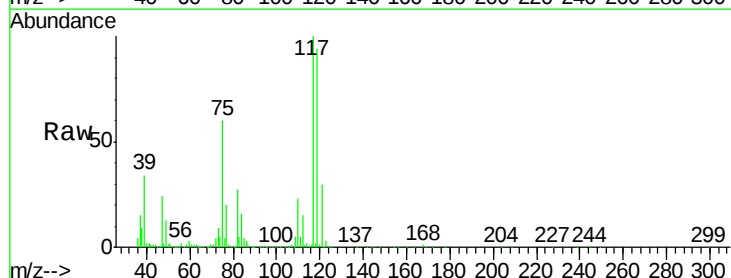


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

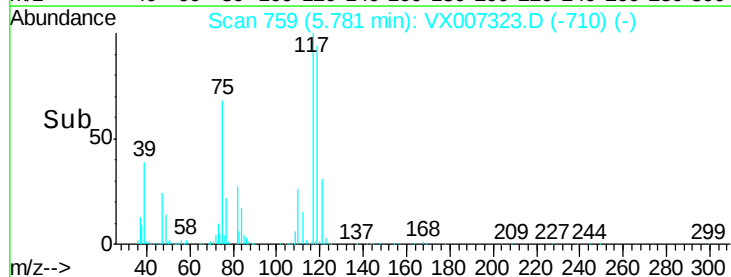
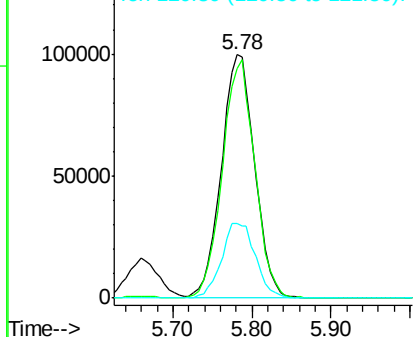


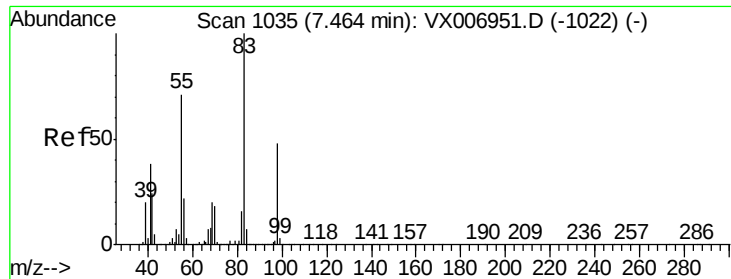
#38
Carbon Tetrachloride
Concen: 44.144 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 117 Resp: 292143
Ion Ratio Lower Upper
117 100
119 94.2 79.4 119.2
121 30.4 24.0 36.0



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

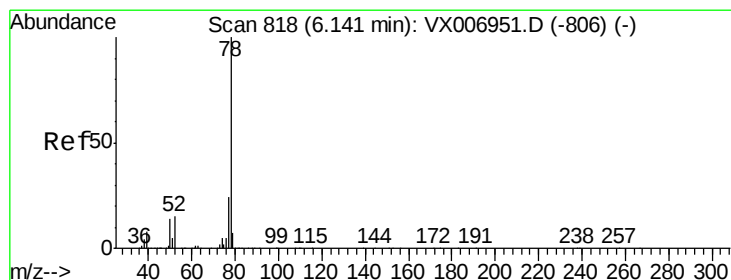
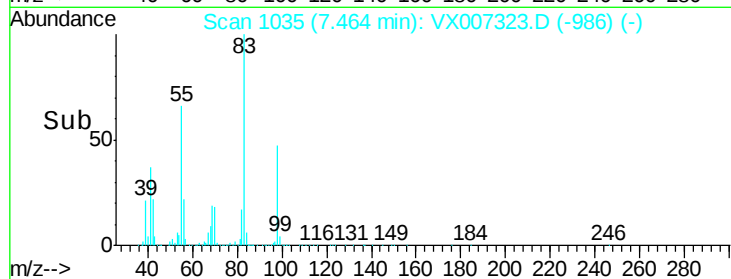
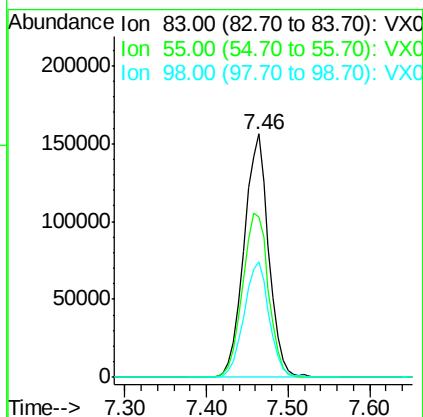
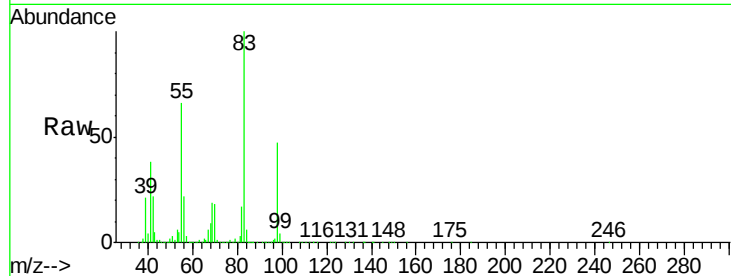




#39
Methvlcvclohexane
Concen: 38.984 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

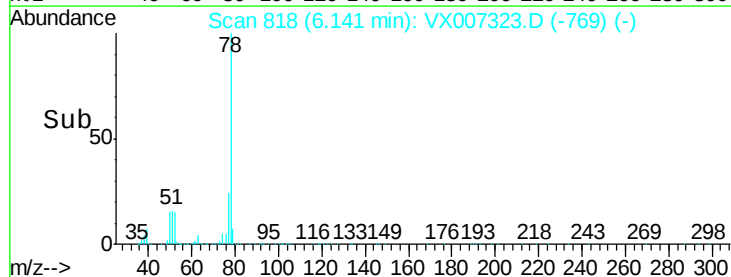
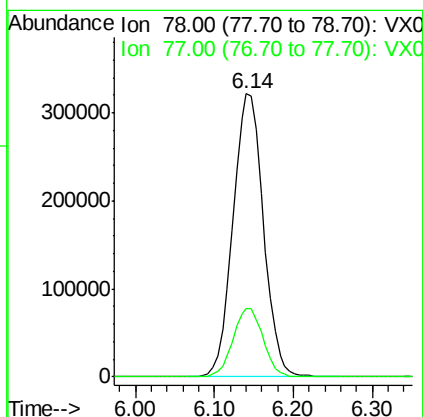
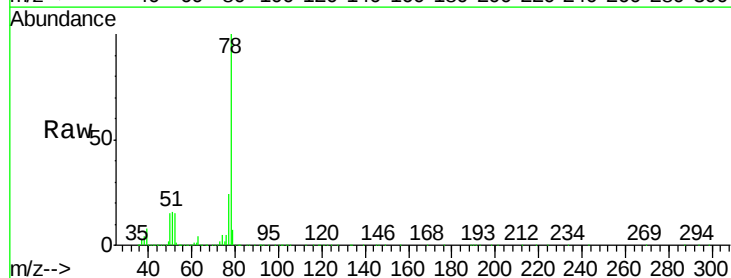
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

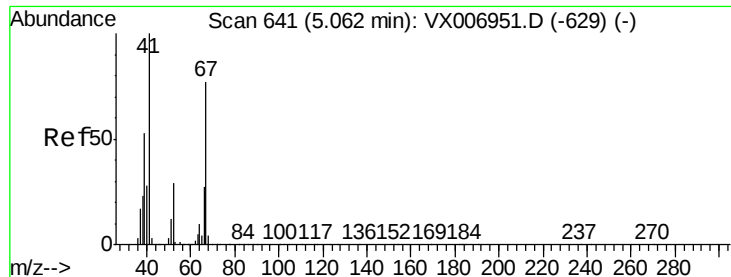
Tot Ion	83	Resp	326905
Ion Ratio	Lower	Upper	
83	100		
55	65.6	54.9	82.3
98	47.3	37.9	56.9



#40
Benzene
Concen: 42.986 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion	78	Resp	862755
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.2	28.8





#41

Methacrylonitrile

Concen: 43.303 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 175916

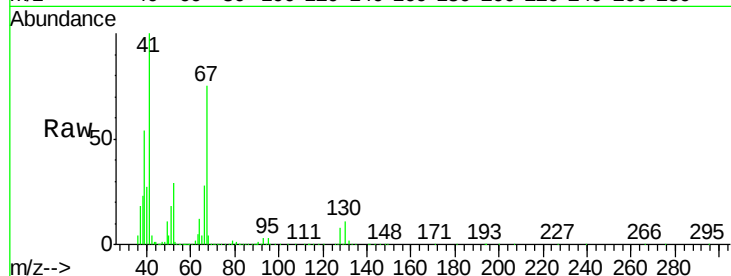
Ion Ratio Lower Upper

41 100

39 55.9 42.8 64.2

67 78.0 62.1 93.1

52 30.1 23.4 35.0

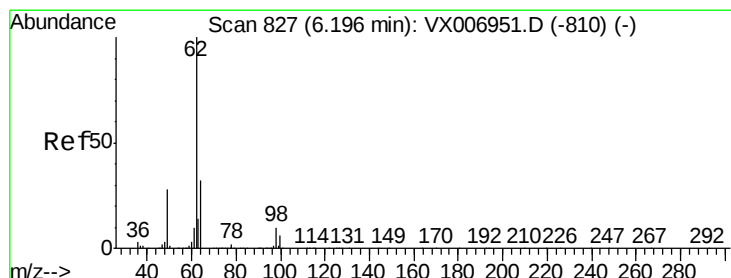
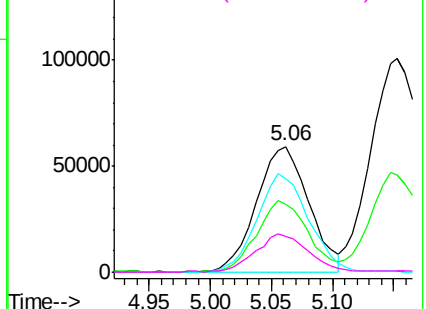
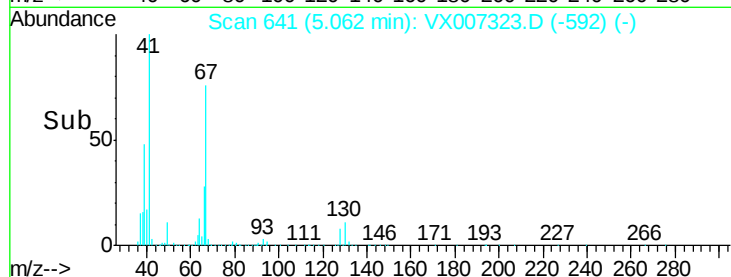


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.265 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007323.D

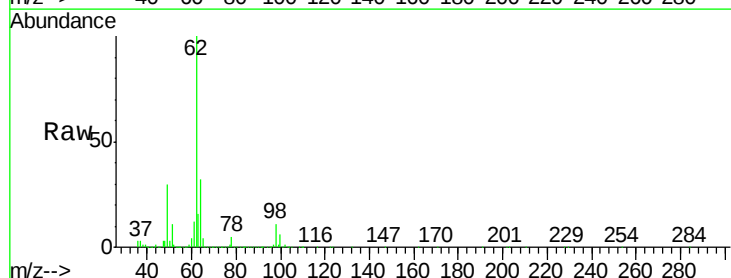
Acq: 30 Jan 2019 18:57

Tgt Ion: 62 Resp: 307009

Ion Ratio Lower Upper

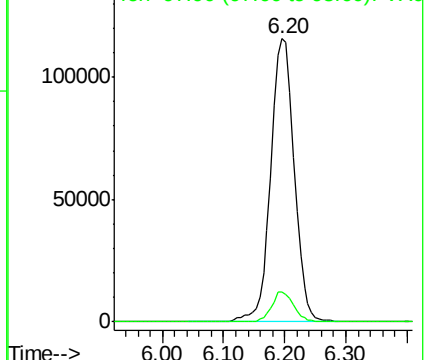
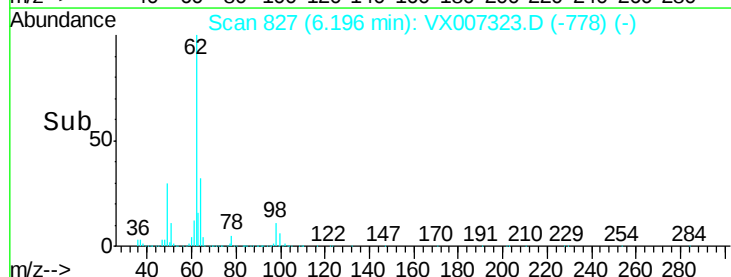
62 100

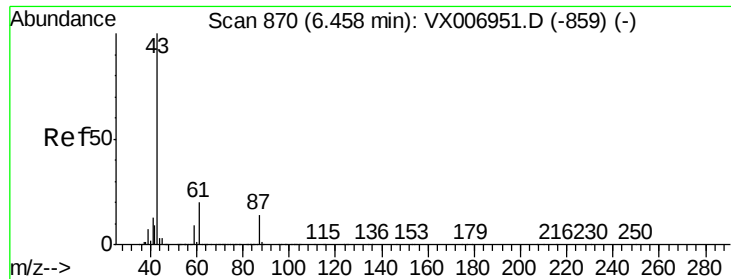
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



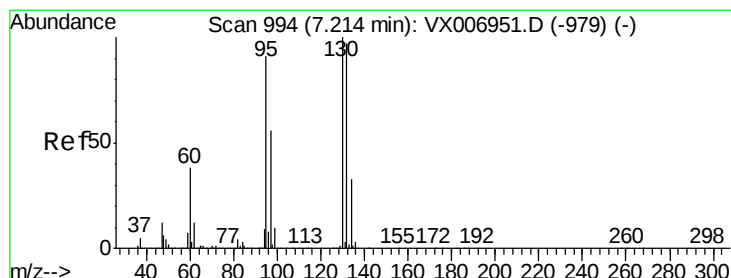
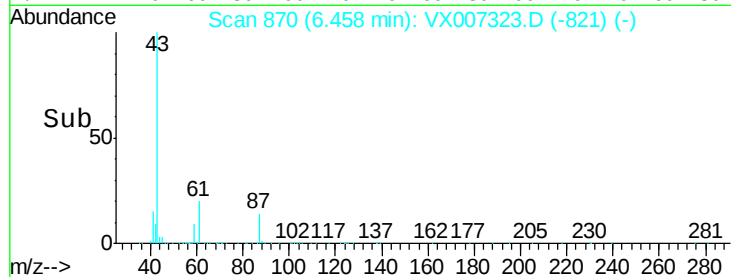
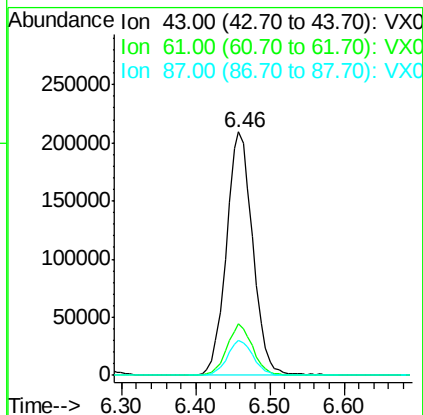
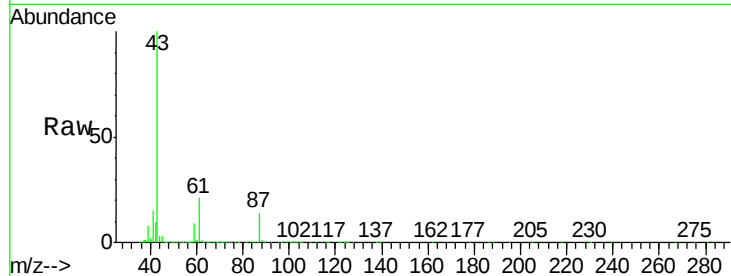


#43

Isopropyl Acetate
 Concen: 46.434 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

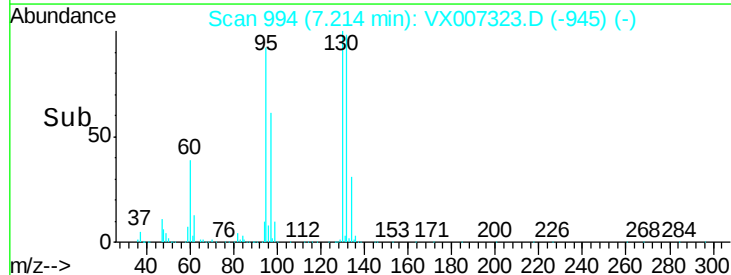
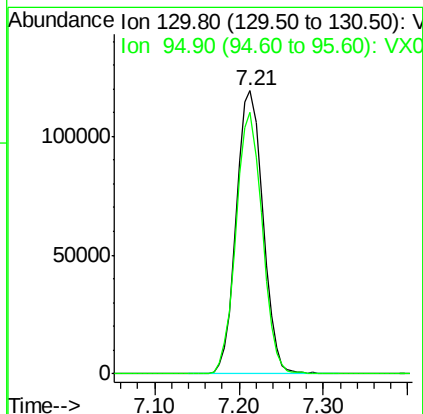
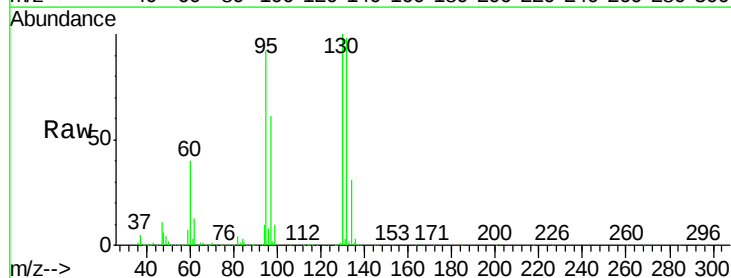
Tot Ion: 43 Resp: 516512
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.8 25.2
 87 14.3 12.4 18.6

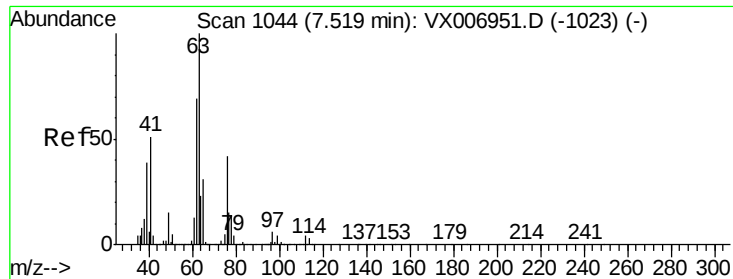


#44

Trichloroethene
 Concen: 42.306 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion: 130 Resp: 254444
 Ion Ratio Lower Upper
 130 100
 95 92.4 0.0 187.0

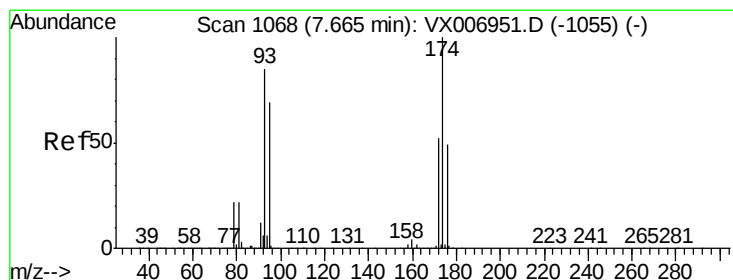
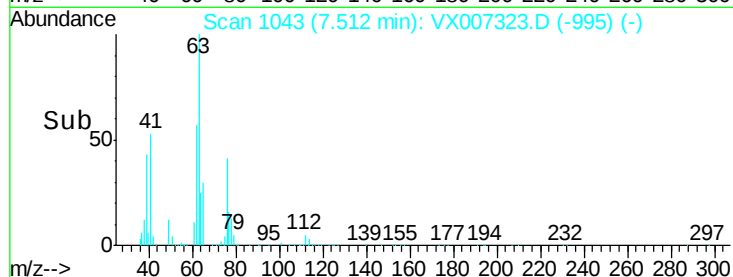
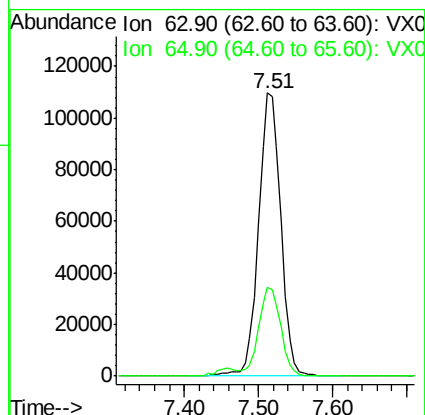
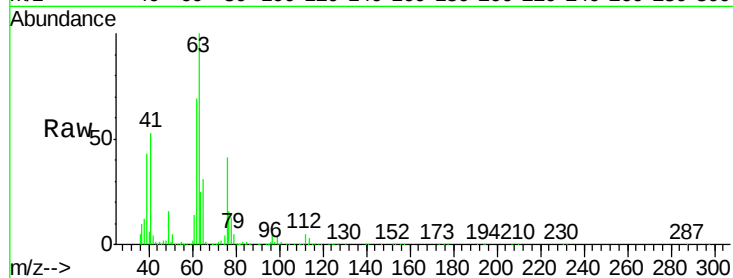




#45
 1,2-Dichloropropane
 Concen: 45.452 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

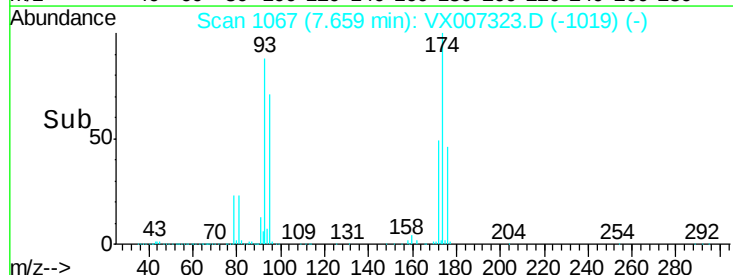
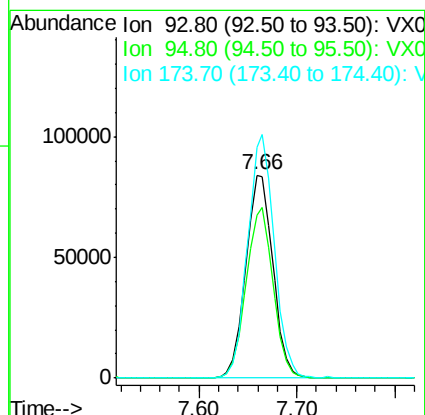
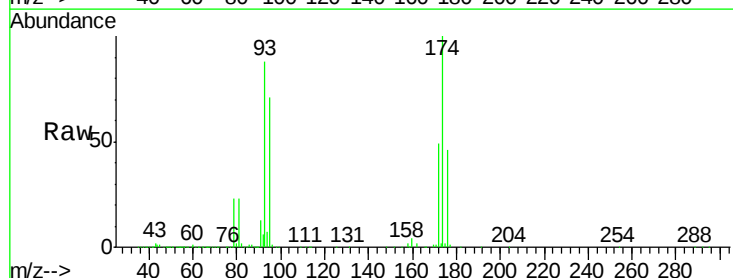
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

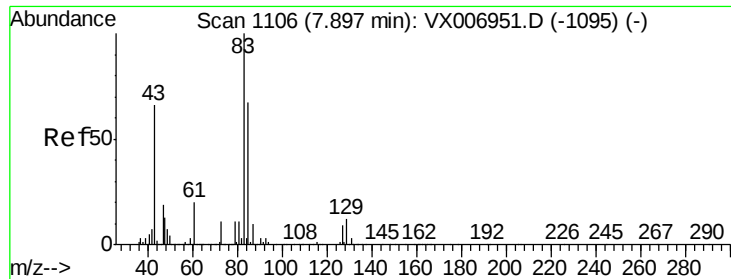
Tot Ion: 63 Resp: 229347
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.4 38.0



#46
 Dibromomethane
 Concen: 45.606 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion: 93 Resp: 161729
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 117.3 91.0 136.4





#47

Bromodichloromethane

Concen: 48.540 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

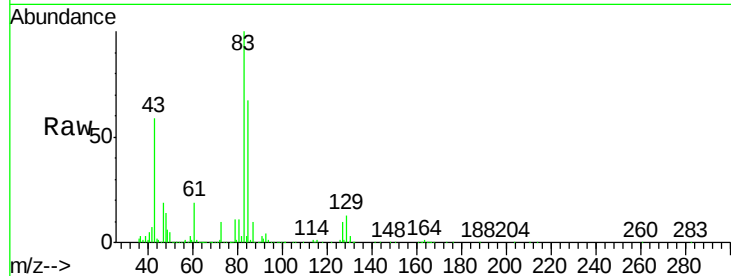
Tot Ion: 83 Resp: 292999

Ion Ratio Lower Upper

83 100

85 66.7 53.2 79.8

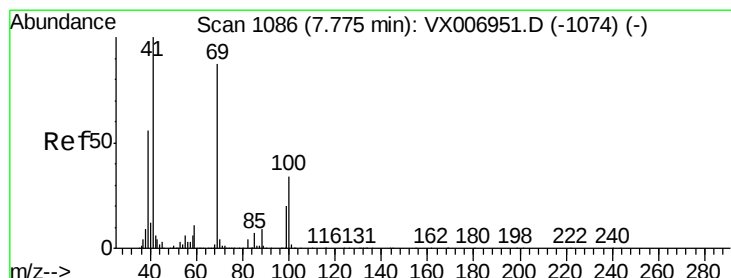
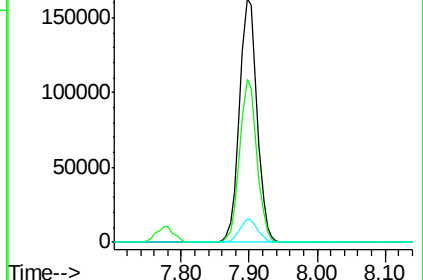
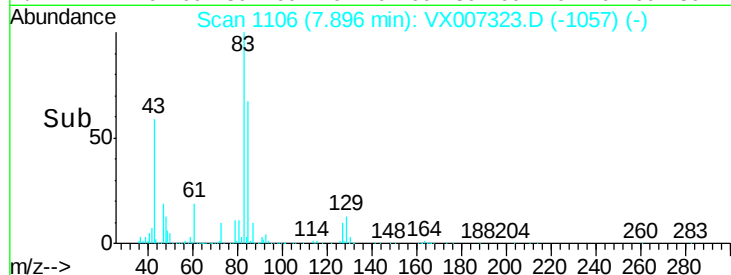
127 9.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.385 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

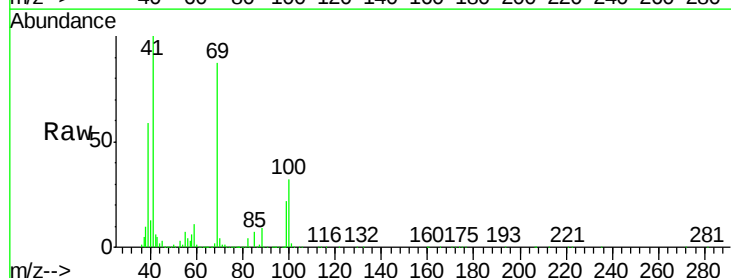
Tgt Ion: 41 Resp: 264969

Ion Ratio Lower Upper

41 100

69 86.7 72.4 108.6

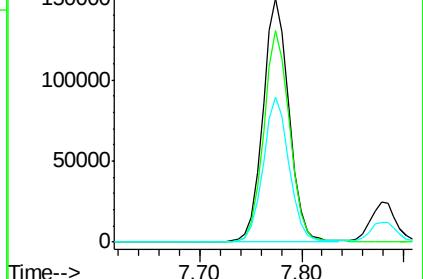
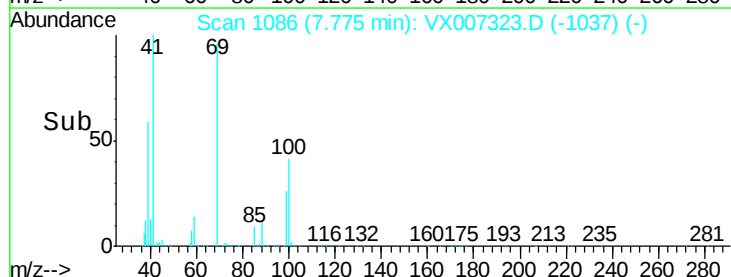
39 58.9 45.8 68.8

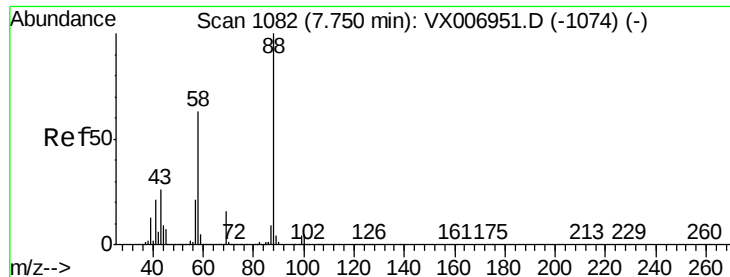


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



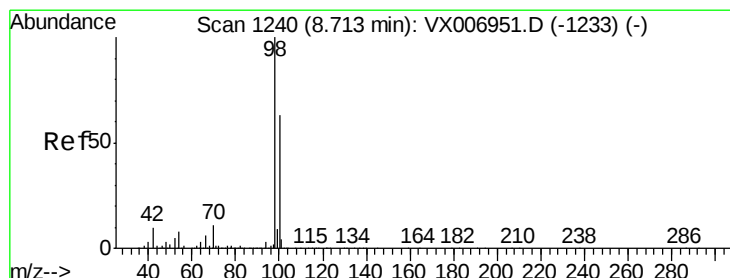
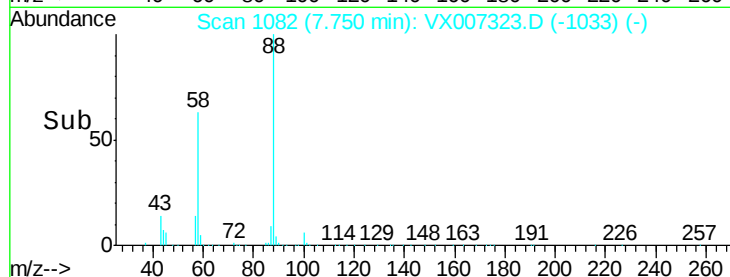
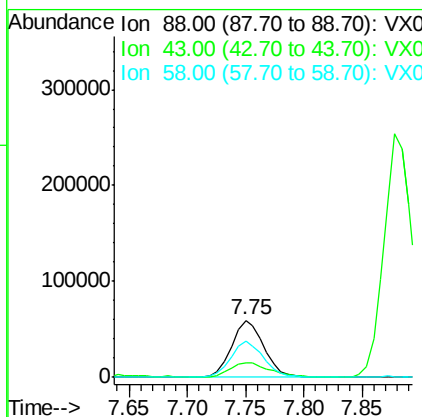
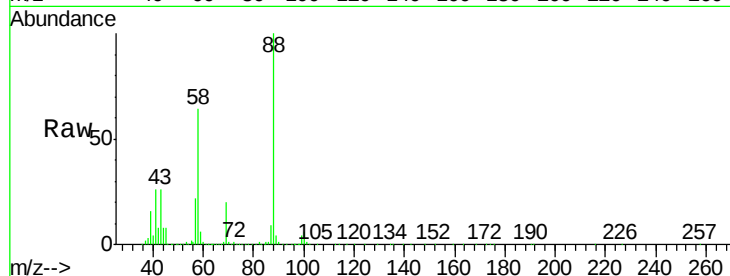


#49
 1,4-Dioxane
 Concen: 874.174 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 114179

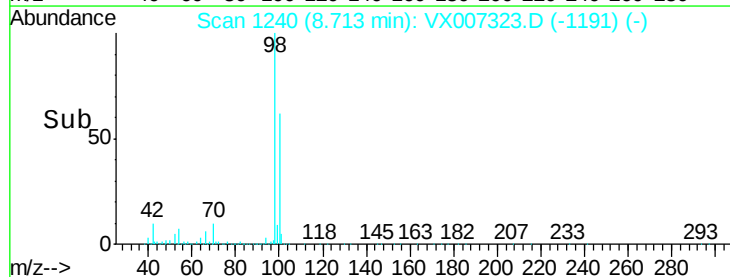
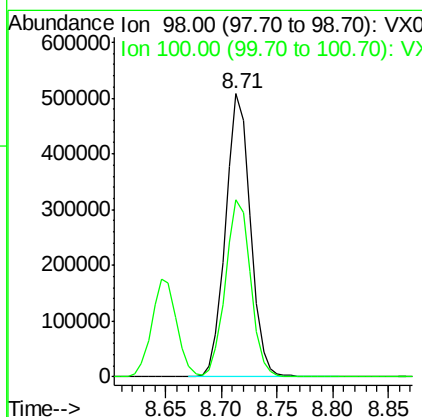
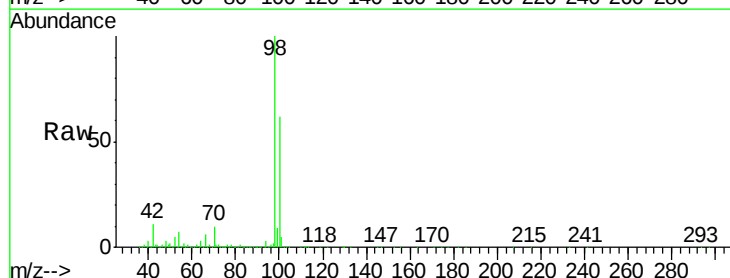
Ion	Ratio	Lower	Upper
88	100		
43	31.2	22.2	33.4
58	64.0	51.0	76.4

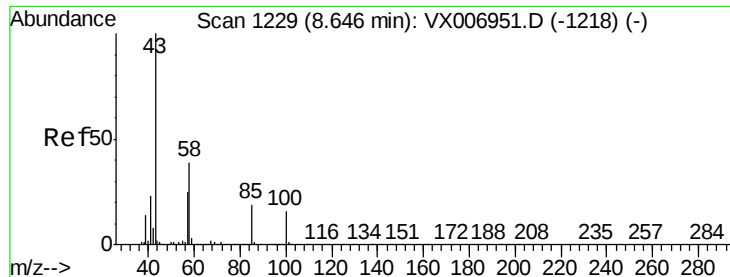


#50
 Toluene-d8
 Concen: 44.249 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion: 98 Resp: 784726

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 237.199 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

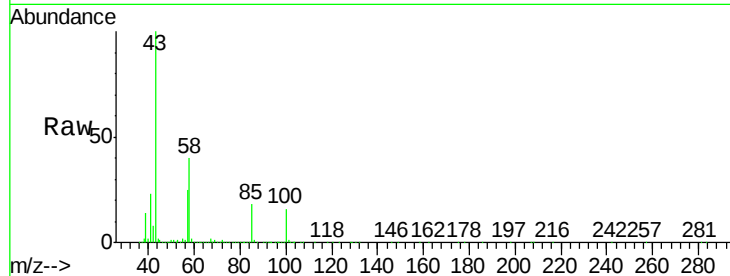
VSTDCCC050EC

Tot Ion: 43 Resp: 1695652

Ion Ratio Lower Upper

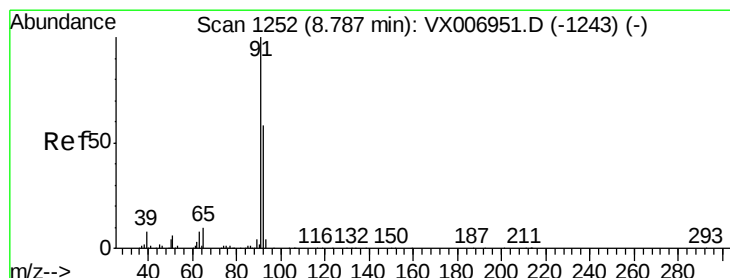
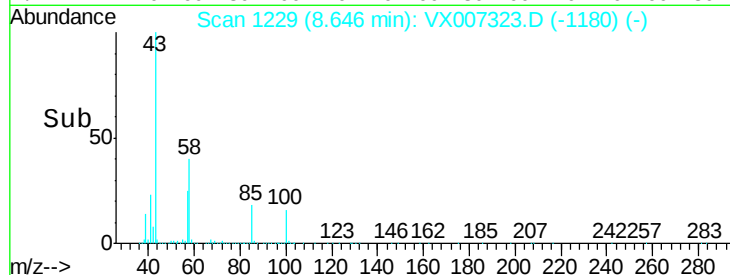
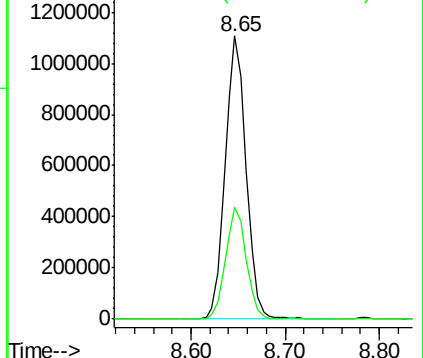
43 100

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



#52

Toluene

Concen: 43.682 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007323.D

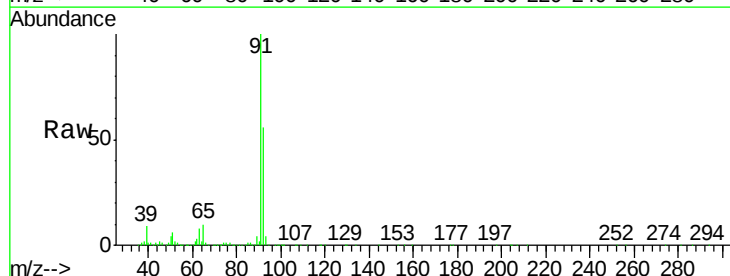
Acq: 30 Jan 2019 18:57

Tgt Ion: 92 Resp: 563502

Ion Ratio Lower Upper

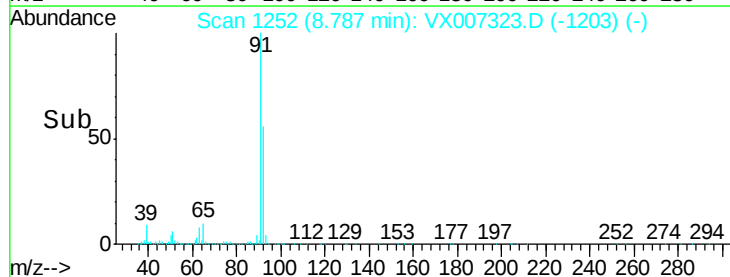
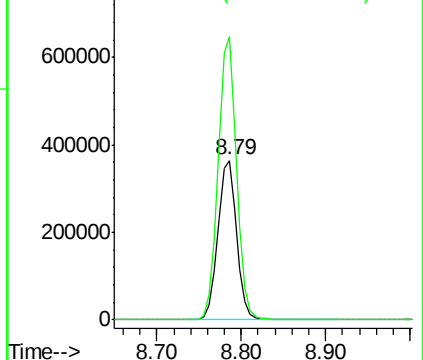
92 100

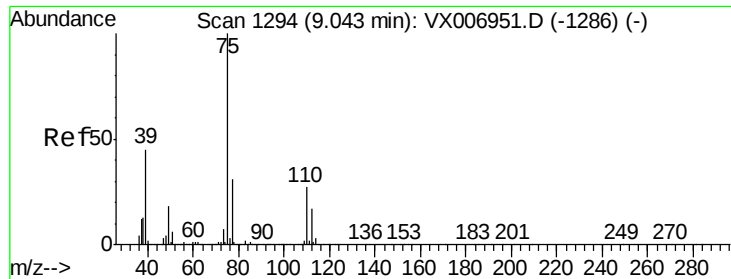
91 174.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.952 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

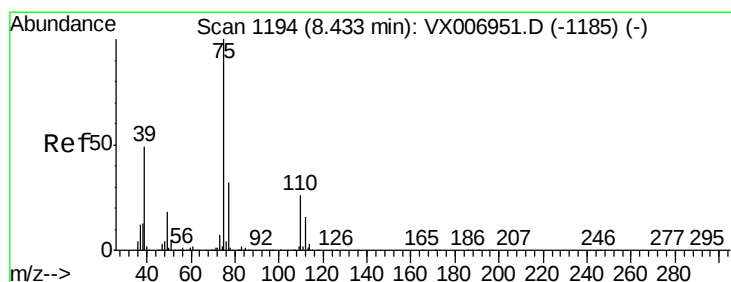
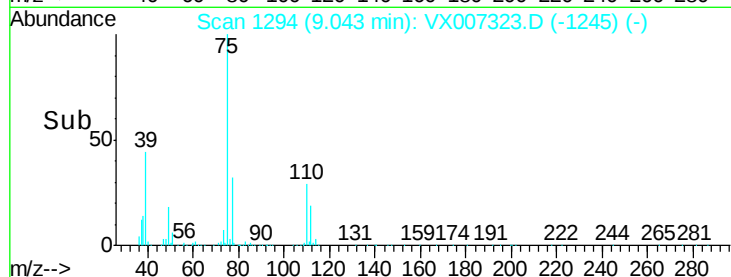
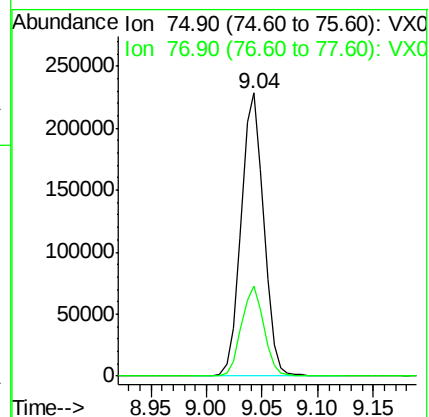
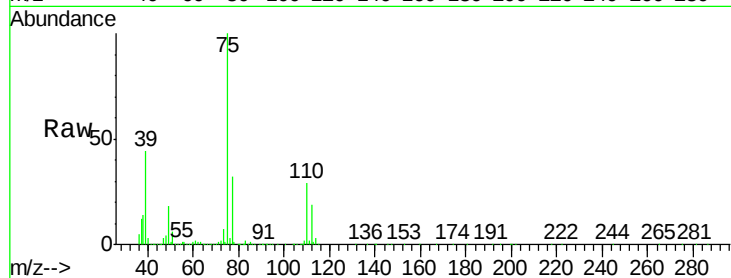
VSTDCCC050EC

Tot Ion: 75 Resp: 320960

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 47.236 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

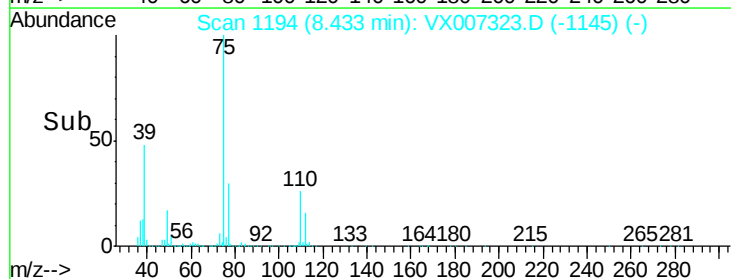
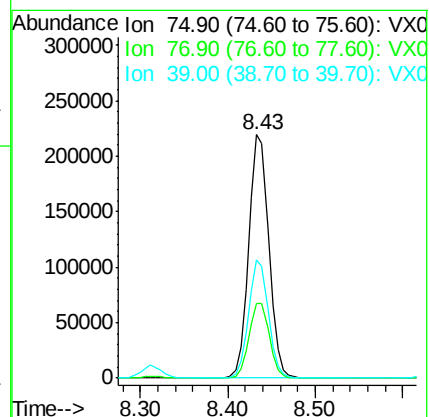
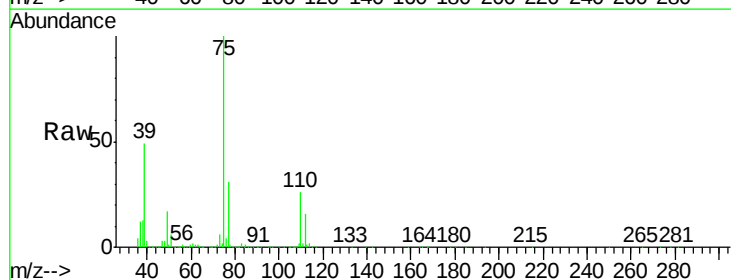
Tgt Ion: 75 Resp: 349156

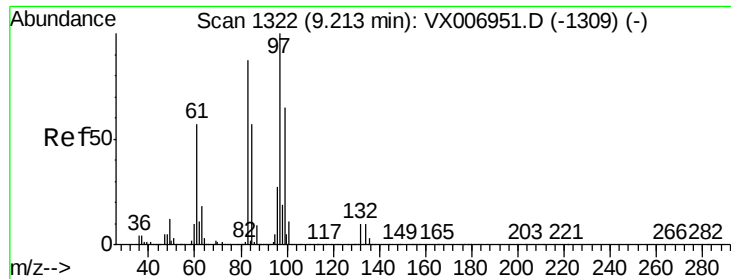
Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

39 48.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 48.287 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 249326

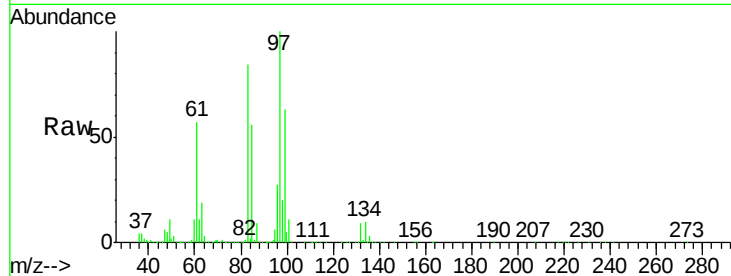
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.6	99.8
85	55.8	42.7	64.1
99	63.2	50.8	76.2

97 100

83 84.4 66.6 99.8

85 55.8 42.7 64.1

99 63.2 50.8 76.2



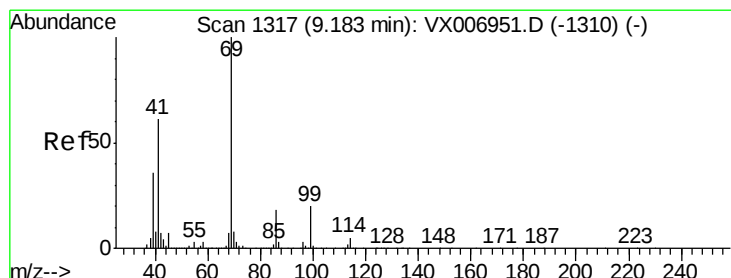
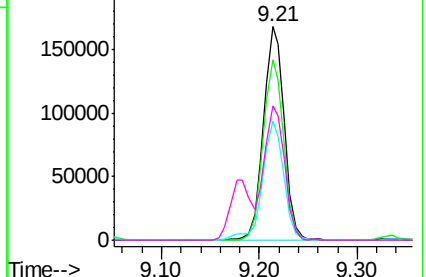
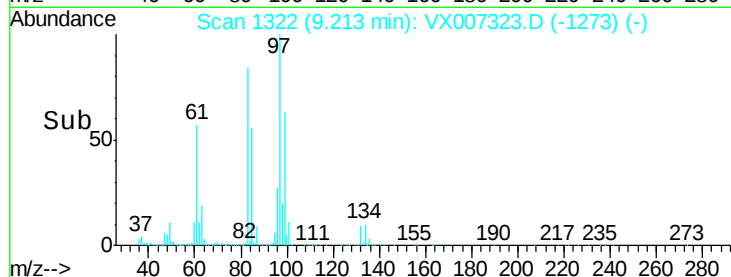
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 47.703 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

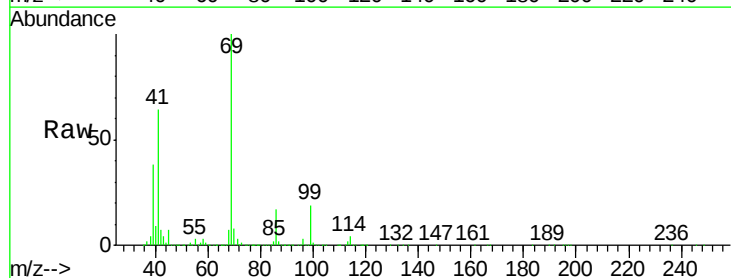
Tgt Ion: 69 Resp: 359582

Ion	Ratio	Lower	Upper
69	100		
41	62.7	48.7	73.1
39	37.1	27.0	40.6

69 100

41 62.7 48.7 73.1

39 37.1 27.0 40.6

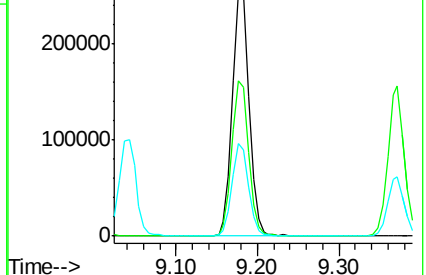
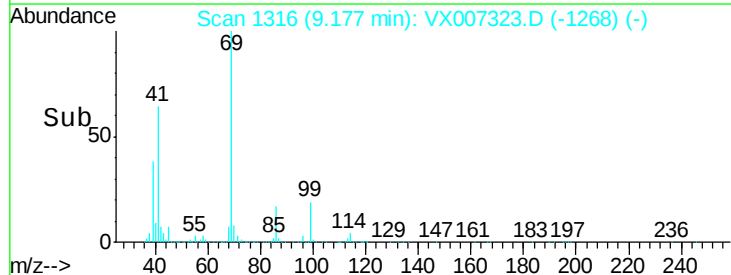


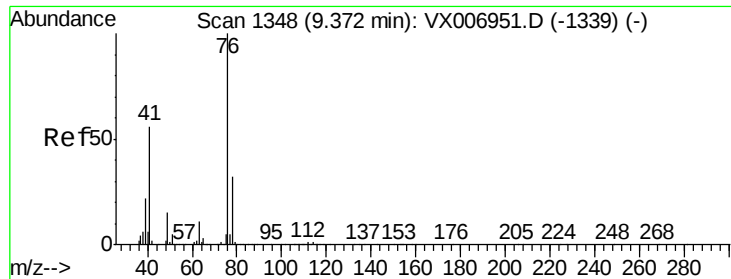
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 46.688 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

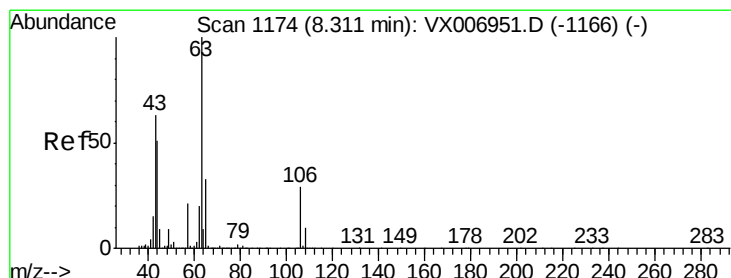
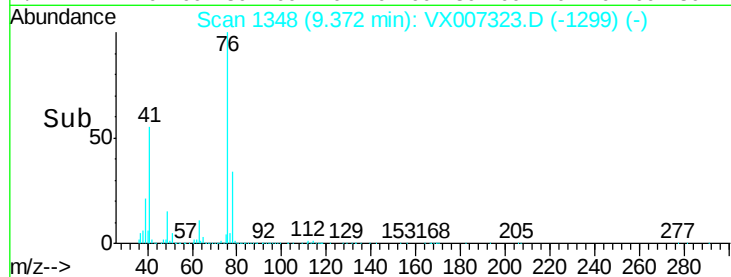
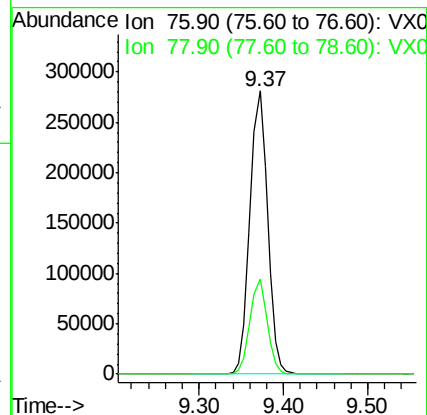
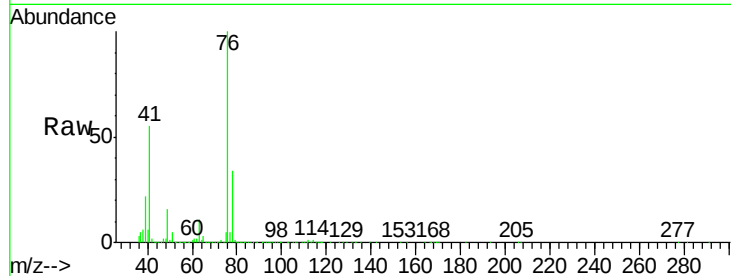
VSTDCCC050EC

Tot Ion: 76 Resp: 394940

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 231.516 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007323.D

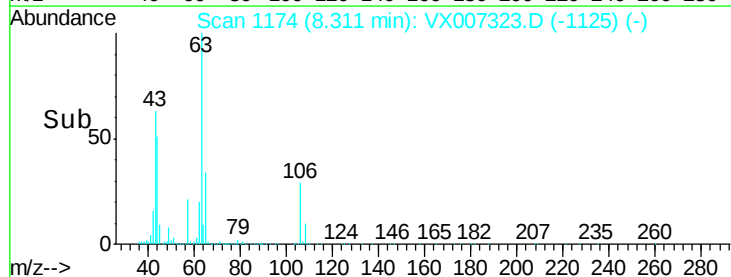
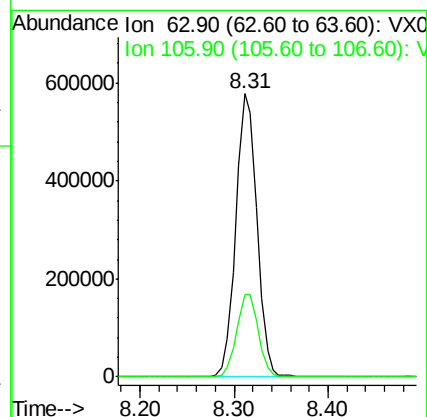
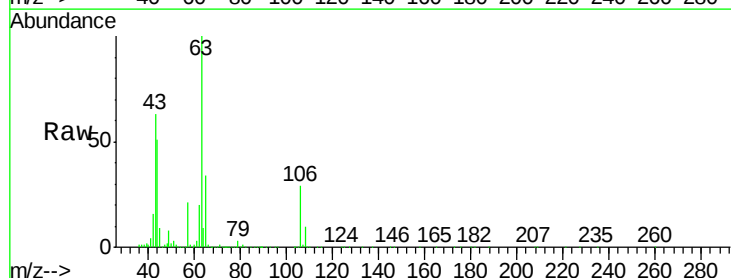
Acq: 30 Jan 2019 18:57

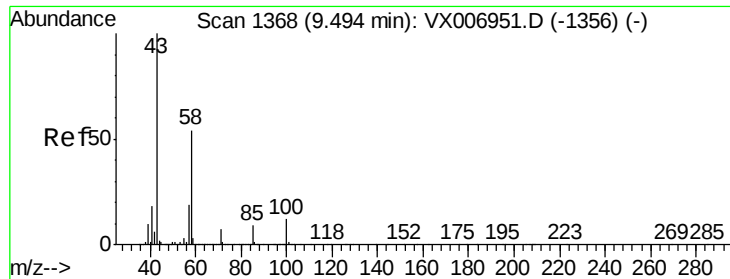
Tgt Ion: 63 Resp: 897288

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8

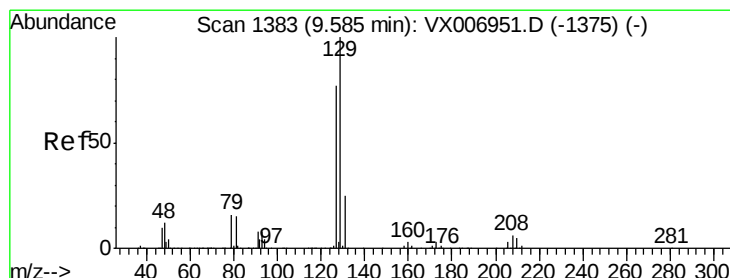
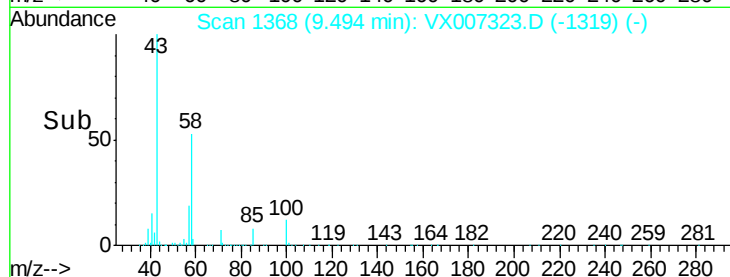
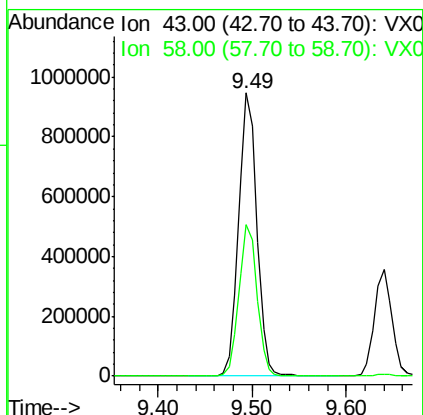
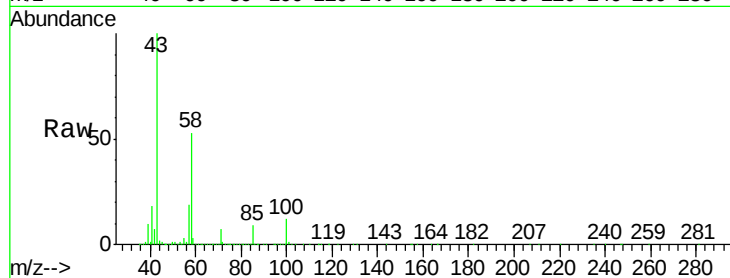




#59
2-Hexanone
Concen: 233.134 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

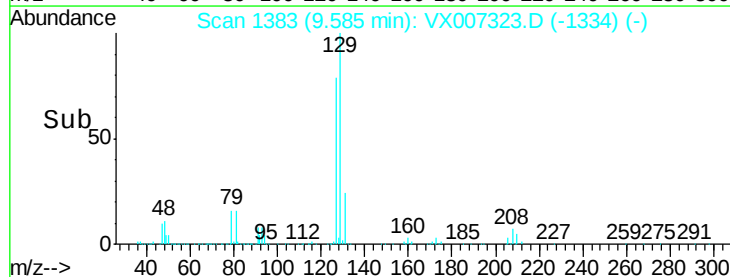
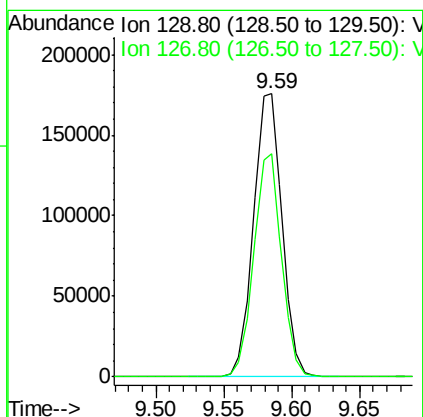
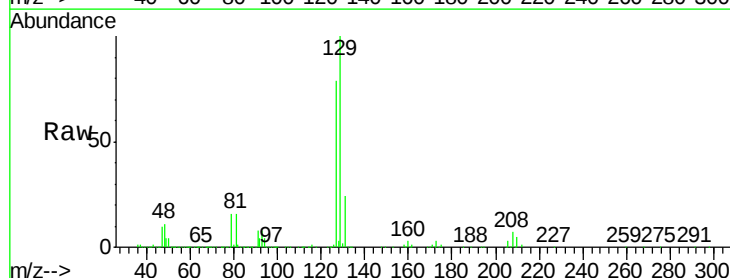
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

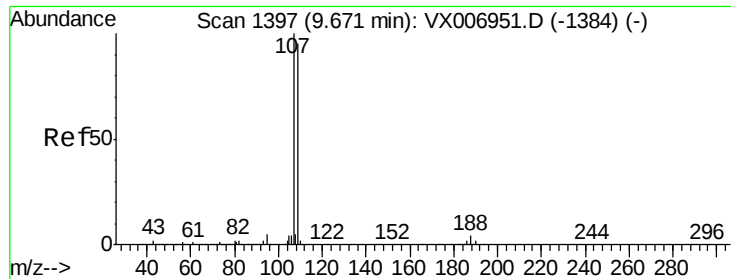
Tot Ion: 43 Resp: 1270036
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1



#60
Dibromochloromethane
Concen: 51.810 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 129 Resp: 259771
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 46.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

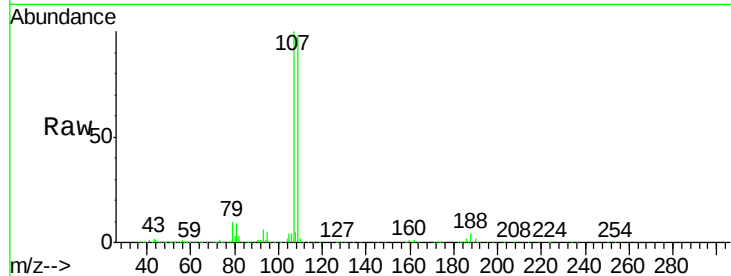
VSTDCCC050EC

Tot Ion:107 Resp: 263626

Ion Ratio Lower Upper

107 100

109 95.7 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

200000

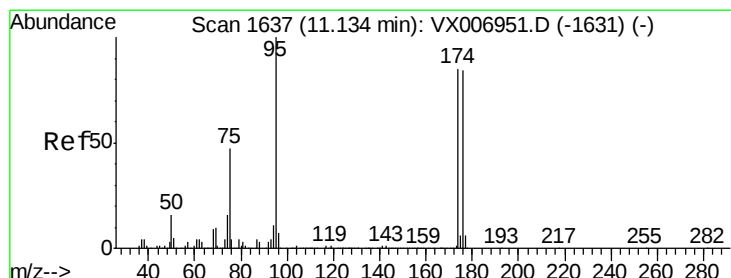
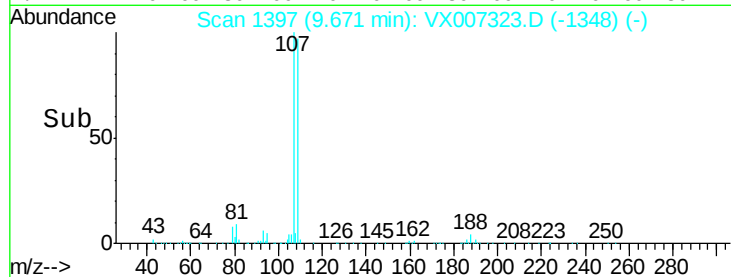
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.589 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

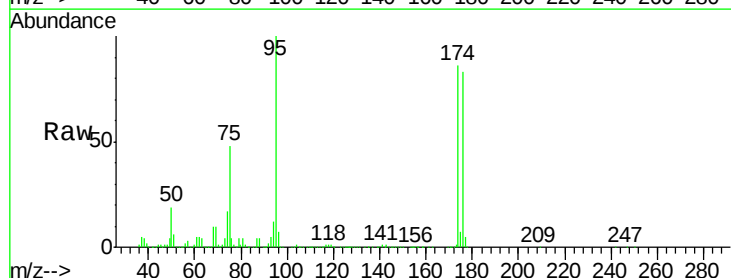
Tgt Ion: 95 Resp: 281857

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.2

176 91.0 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

300000

250000

200000

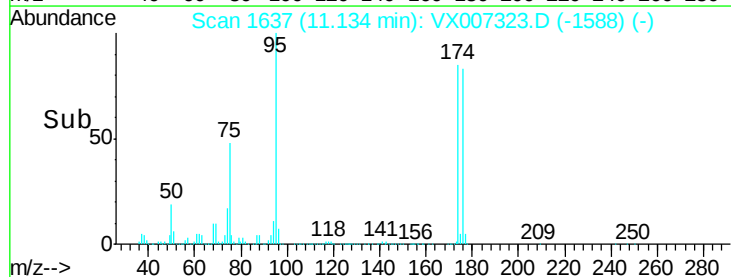
150000

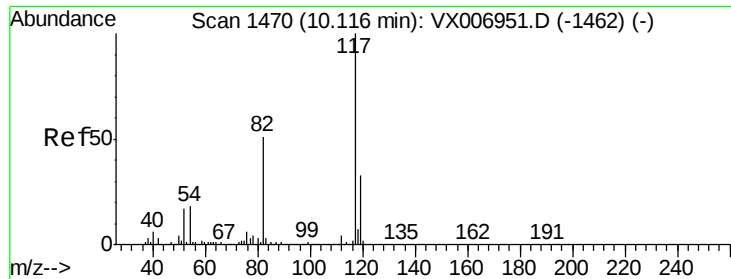
100000

50000

0

Time-->

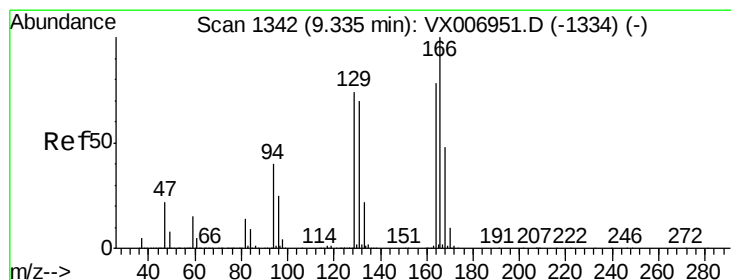
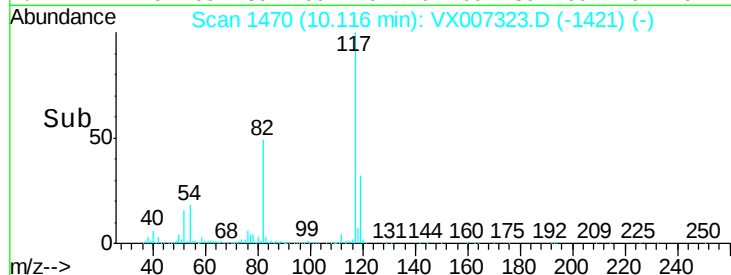
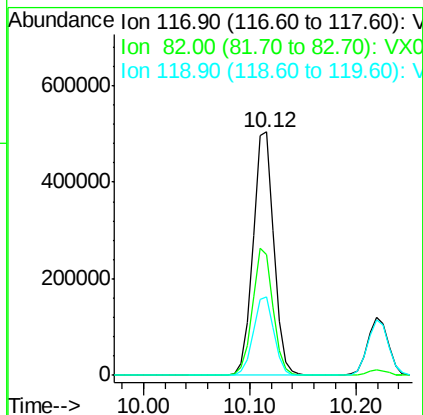
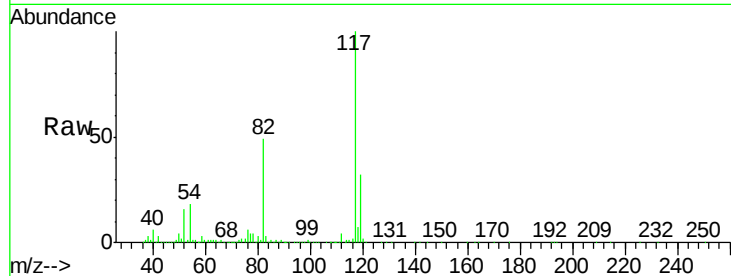




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

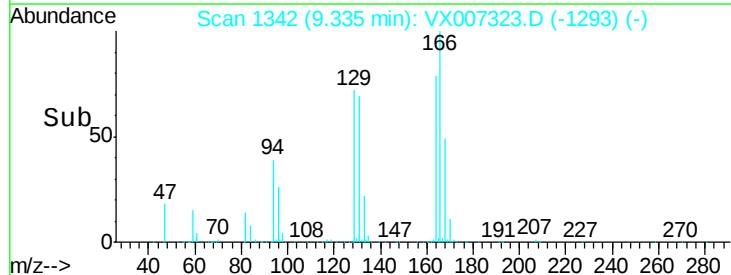
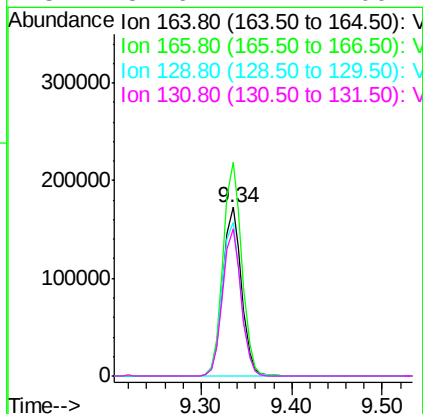
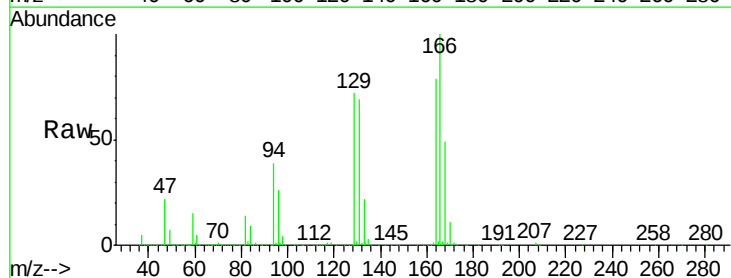
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

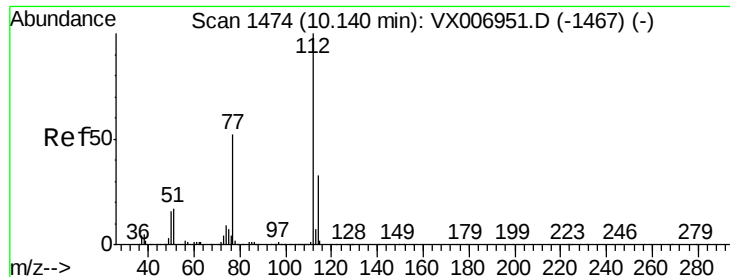
Tot Ion:117 Resp: 690173
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 41.579 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion:164 Resp: 248446
Ion Ratio Lower Upper
164 100
166 126.8 102.5 153.7
129 91.4 75.1 112.7
131 87.6 72.7 109.1





#65

Chlorobenzene

Concen: 44.245 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

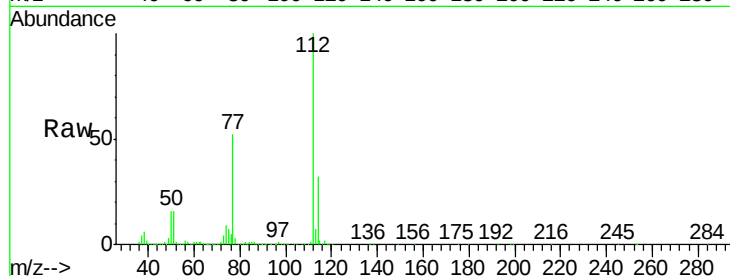
VSTDCCC050EC

Tot Ion:112 Resp: 666020

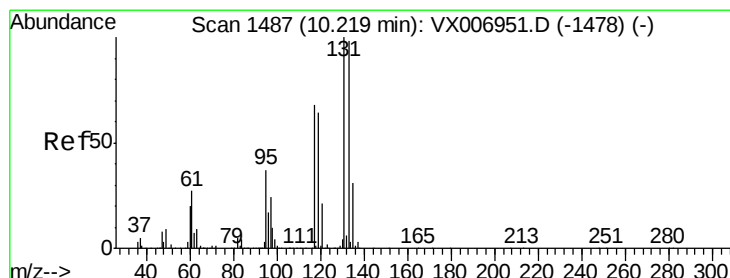
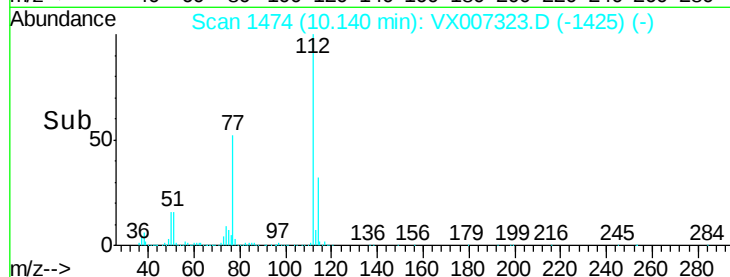
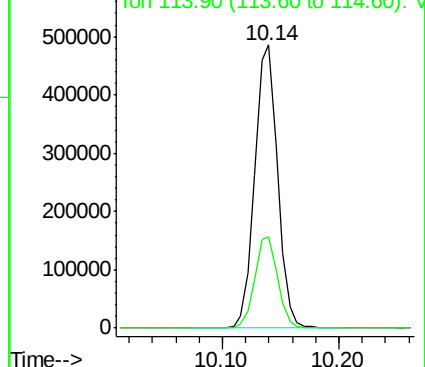
Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.968 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

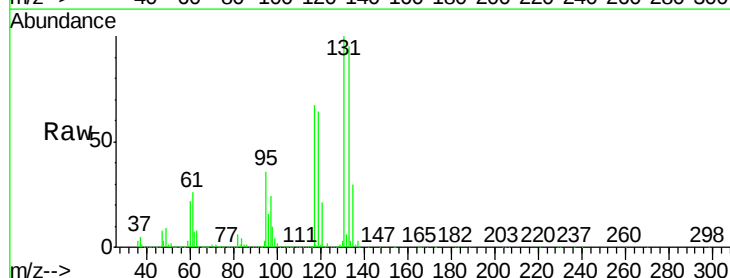
Tgt Ion:131 Resp: 247968

Ion Ratio Lower Upper

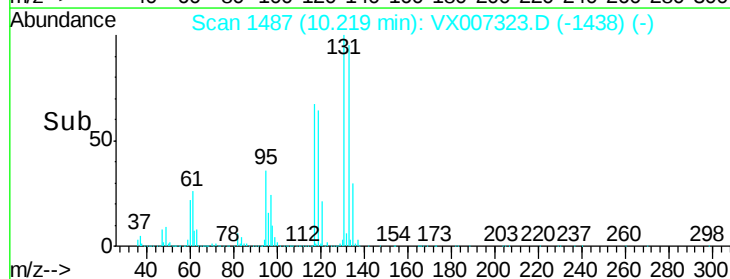
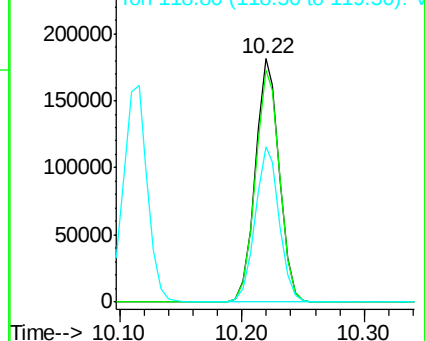
131 100

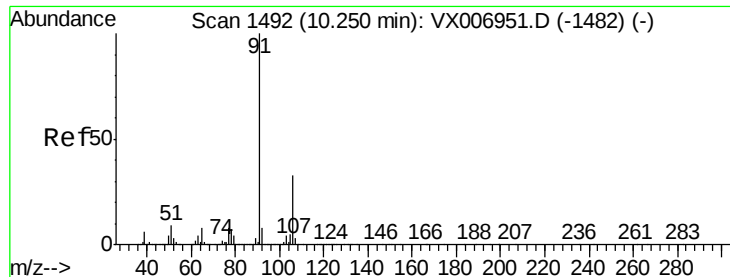
133 96.5 48.0 144.2

119 64.1 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V





#67

Ethyl Benzene

Concen: 43.714 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

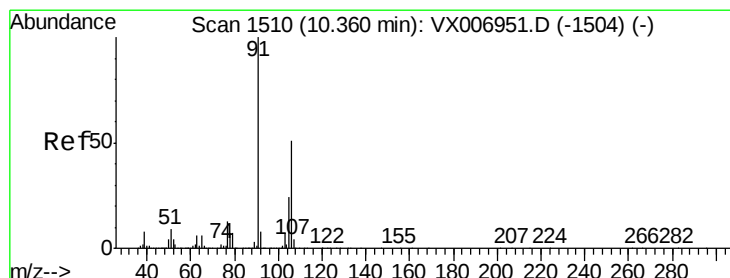
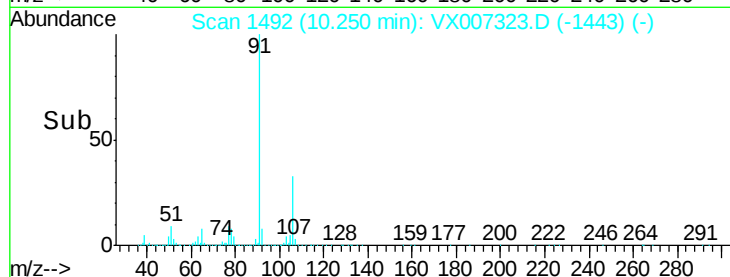
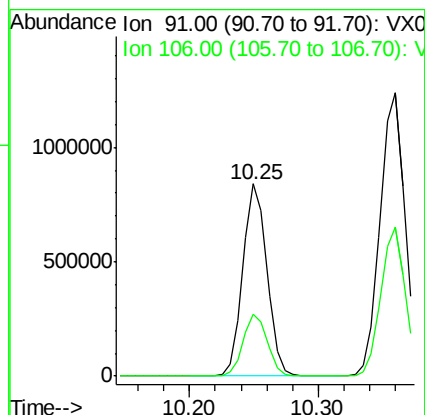
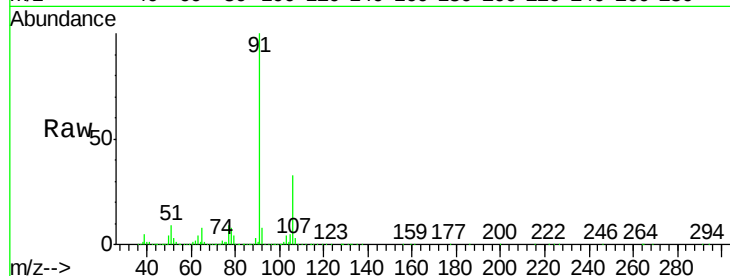
VSTDCCC050EC

Tot Ion: 91 Resp: 1086320

Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6



#68

m/p-Xylenes

Concen: 87.297 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007323.D

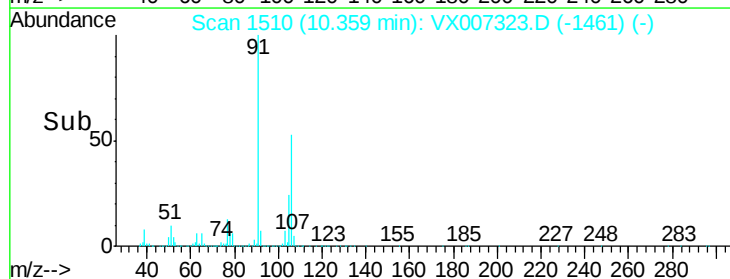
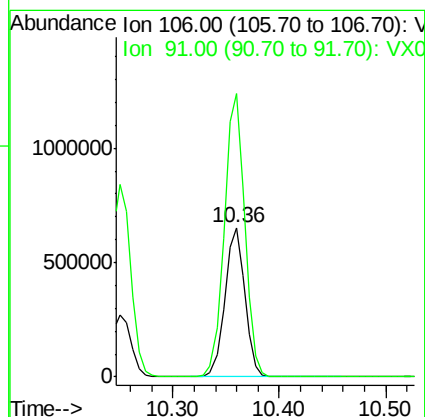
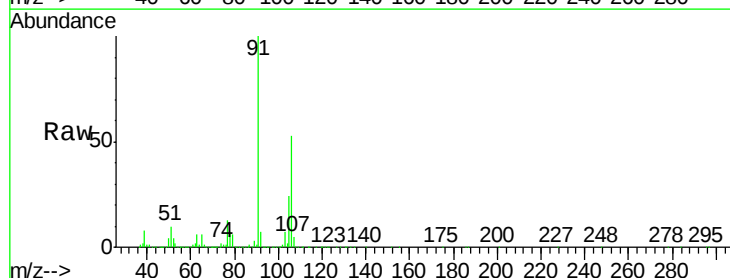
Acq: 30 Jan 2019 18:57

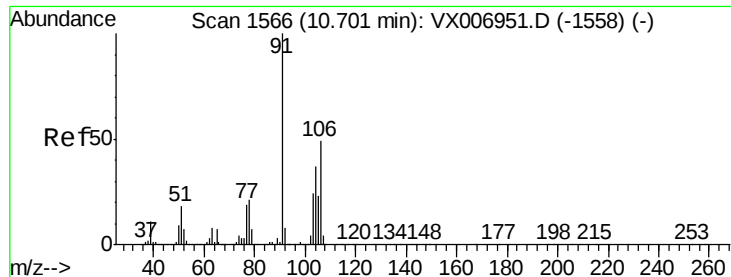
Tgt Ion: 106 Resp: 854706

Ion Ratio Lower Upper

106 100

91 193.9 155.8 233.6

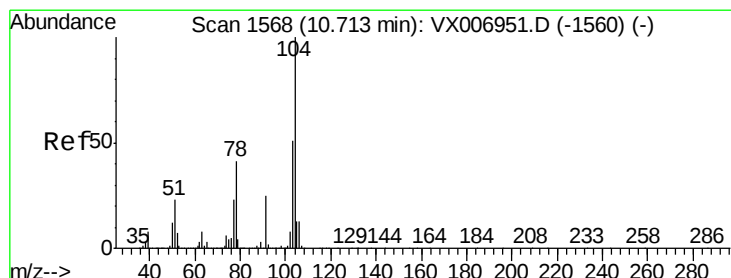
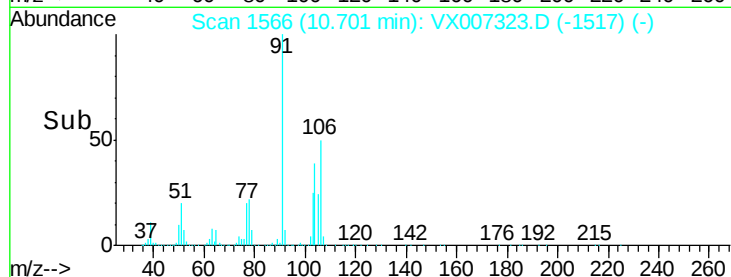
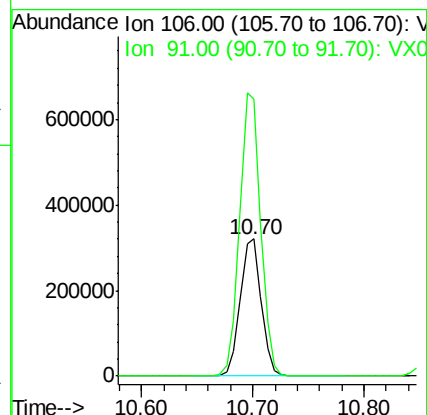
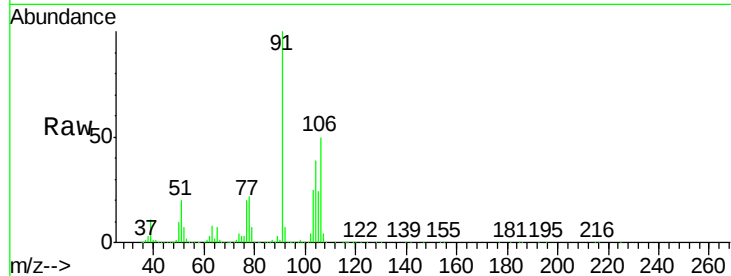




#69
o-Xylene
Concen: 43.830 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

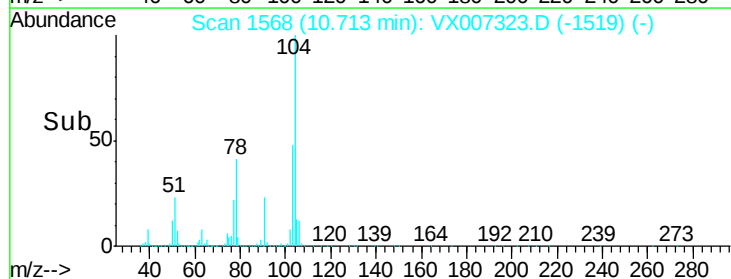
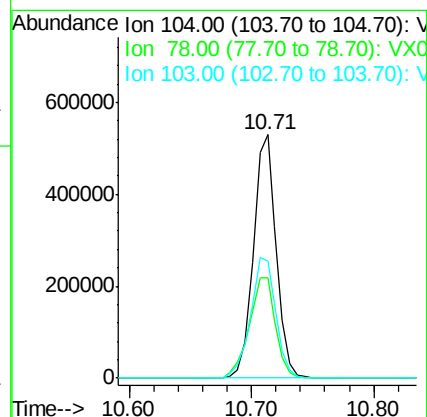
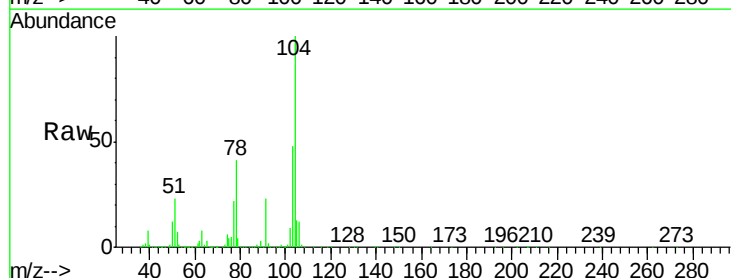
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

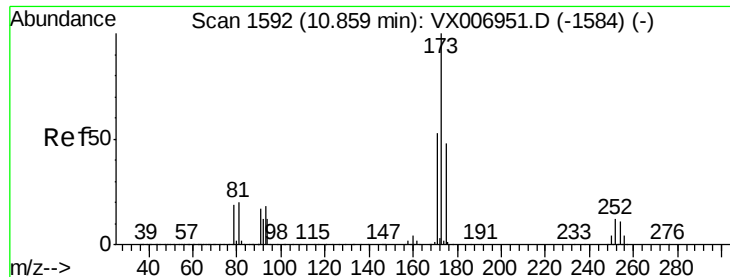
Tot Ion:106 Resp: 418507
Ion Ratio Lower Upper
106 100
91 207.0 101.3 303.7



#70
Styrene
Concen: 45.357 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion:104 Resp: 685922
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.1 43.8 65.8

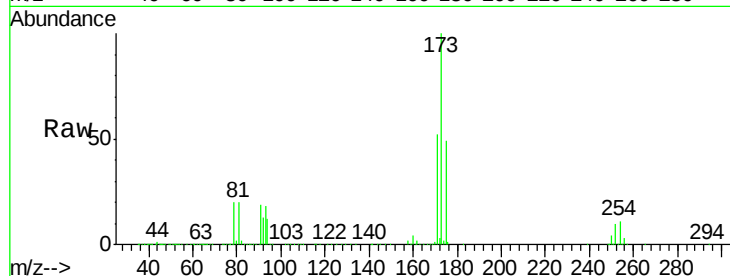




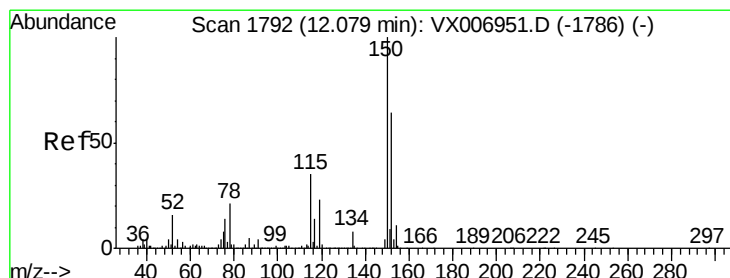
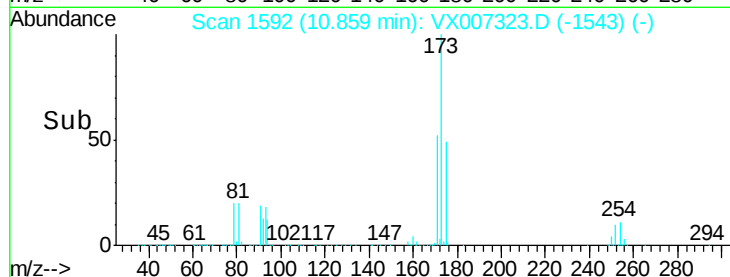
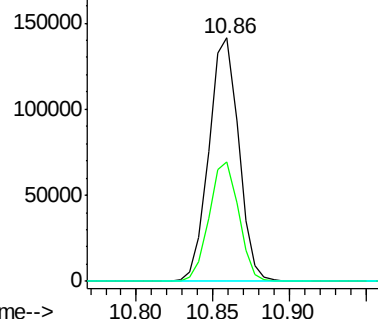
#71
Bromoform
Concen: 42.930 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 191148
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.2 0.2 0.2

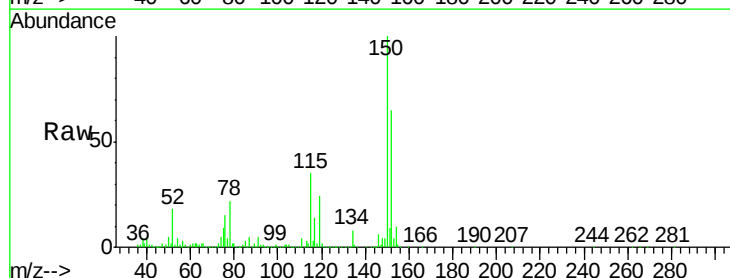


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

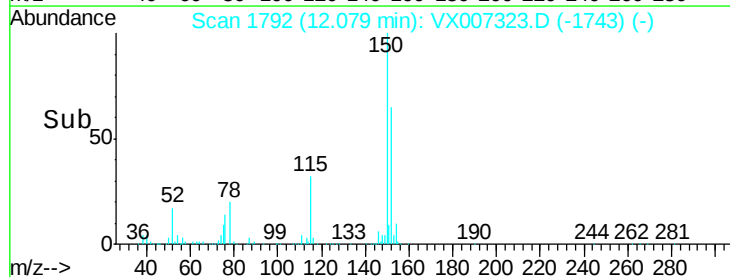
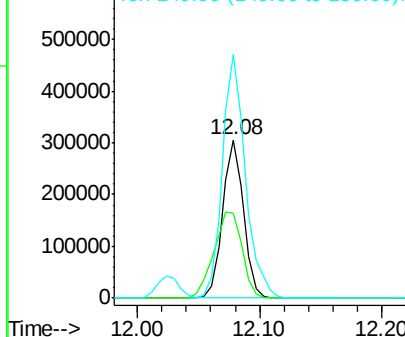


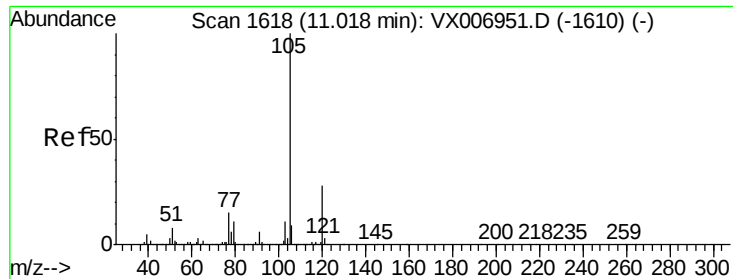
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion:152 Resp: 360239
Ion Ratio Lower Upper
152 100
115 73.8 39.1 117.2
150 170.2 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: 44.240 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

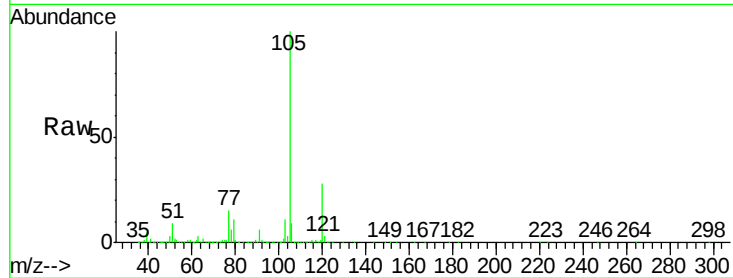
VSTDCCC050EC

Tot Ion:105 Resp: 1123787

Ion Ratio Lower Upper

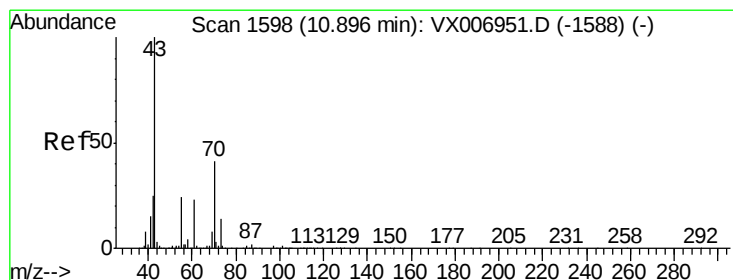
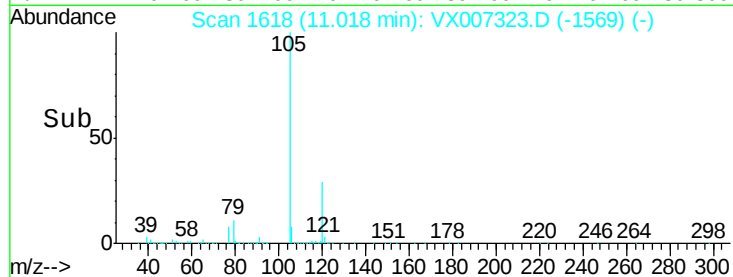
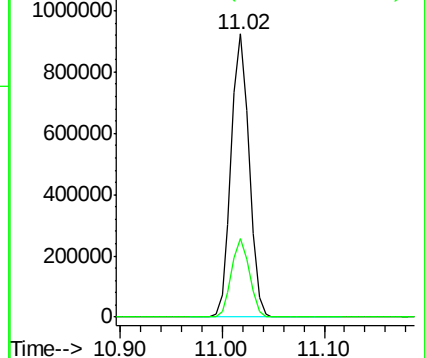
105 100

120 27.6 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: 45.300 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Tgt Ion: 43 Resp: 463297

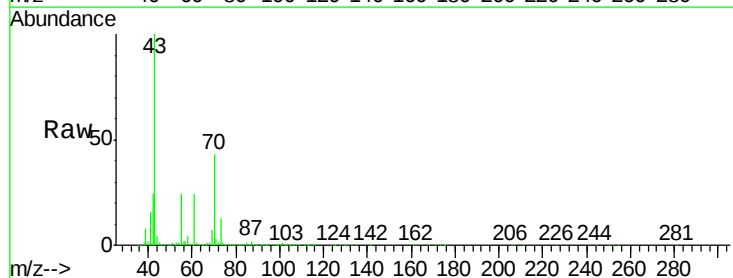
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.8

55 24.3 19.4 29.0

61 24.3 20.1 30.1

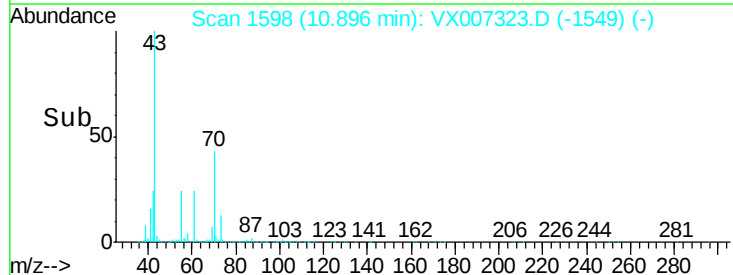
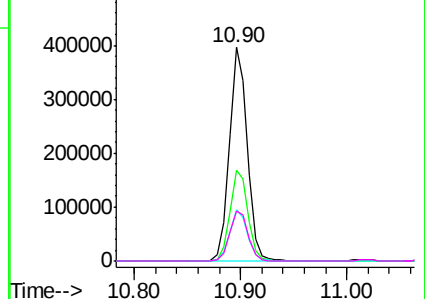


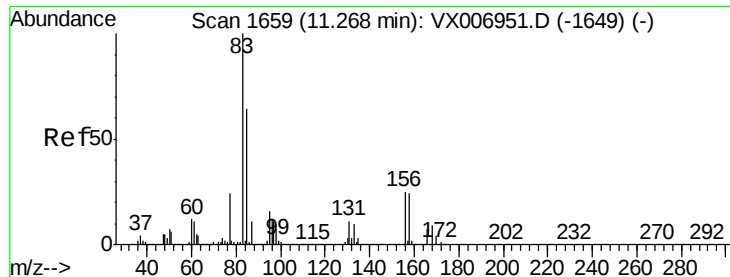
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.797 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

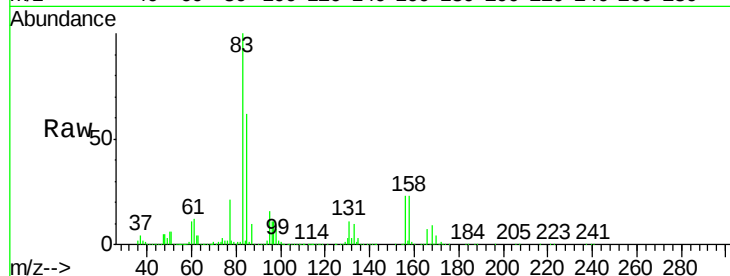
Tot Ion: 83 Resp: 369318

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

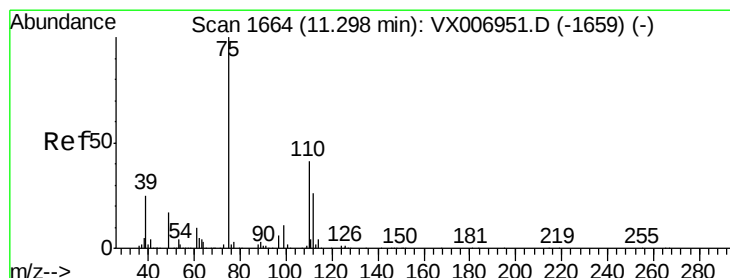
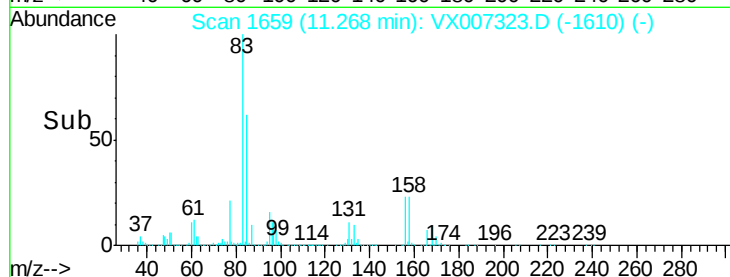
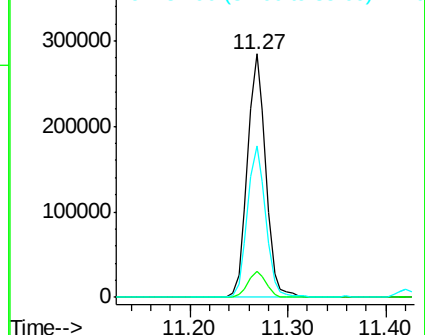
85 62.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.571 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007323.D

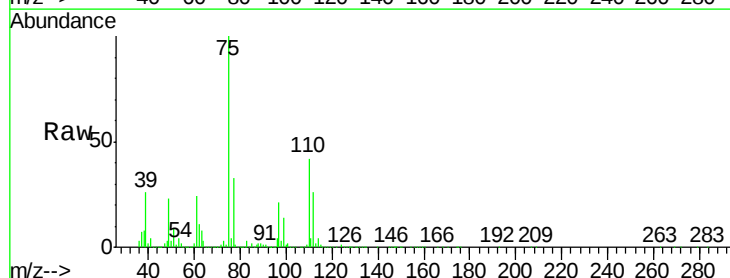
Acq: 30 Jan 2019 18:57

Tgt Ion: 75 Resp: 412974

Ion Ratio Lower Upper

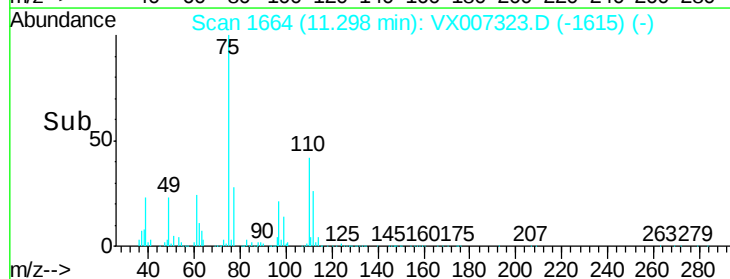
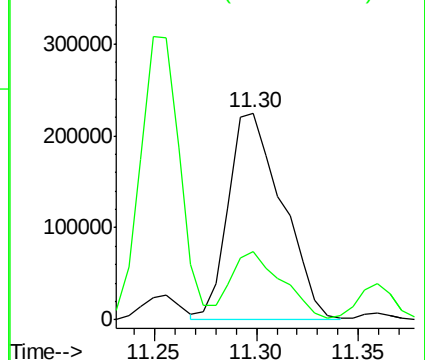
75 100

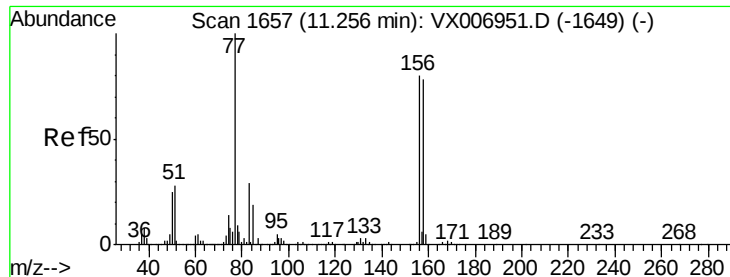
77 30.7 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.131 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

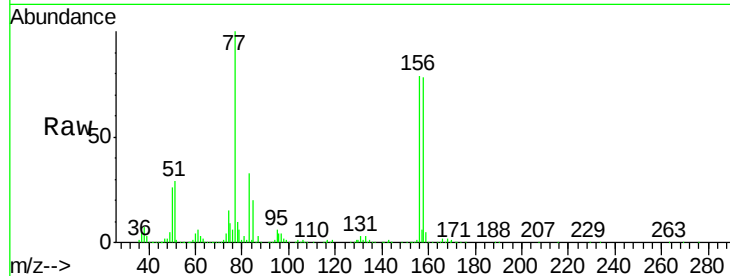
Tot Ion:156 Resp: 301879

Ion Ratio Lower Upper

156 100

77 137.7 68.0 204.0

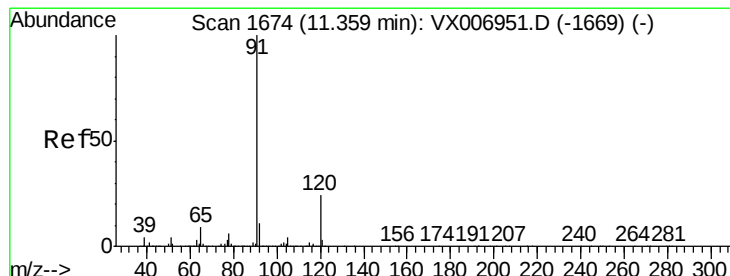
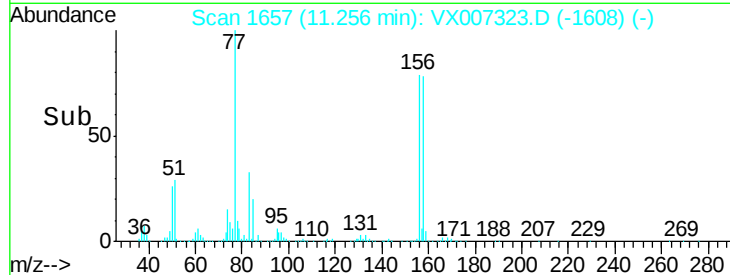
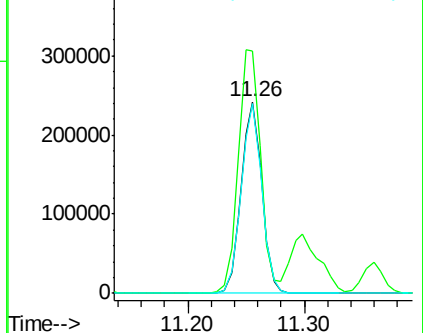
158 98.2 48.3 144.8



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: 44.333 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007323.D

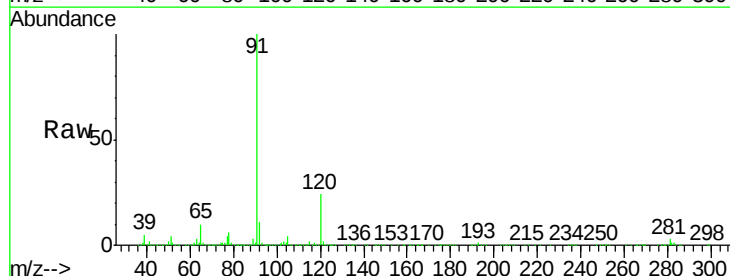
Acq: 30 Jan 2019 18:57

Tgt Ion: 91 Resp: 1236276

Ion Ratio Lower Upper

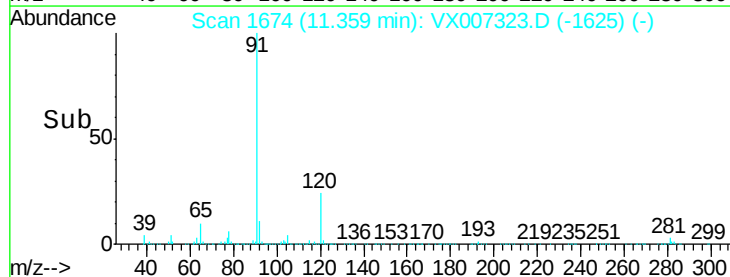
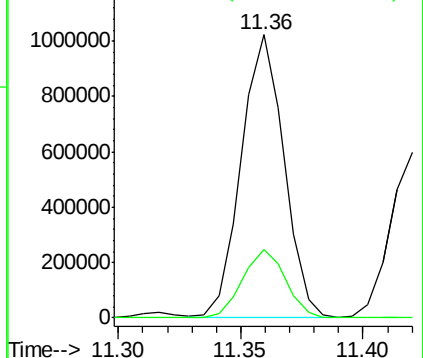
91 100

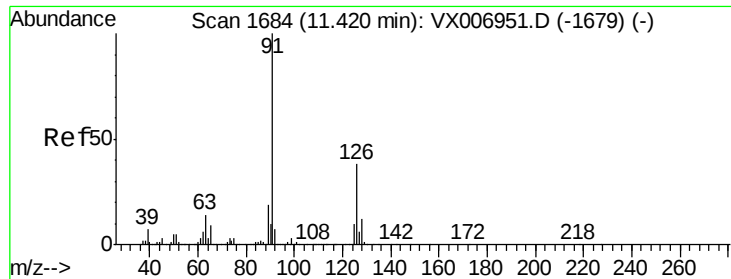
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.334 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

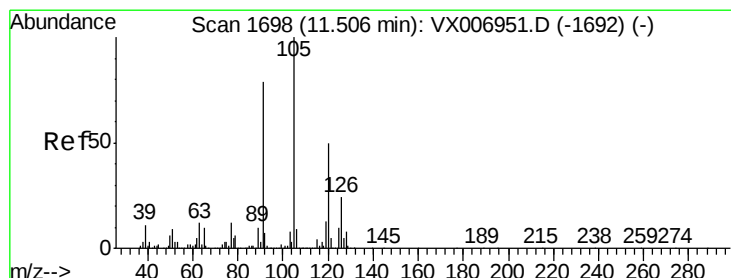
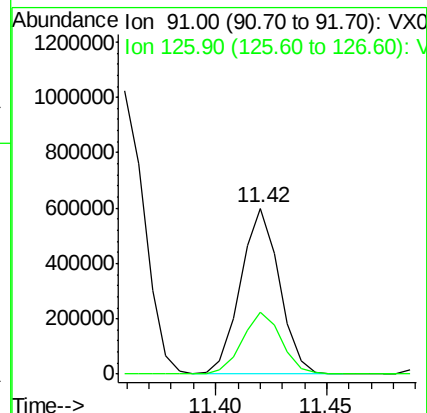
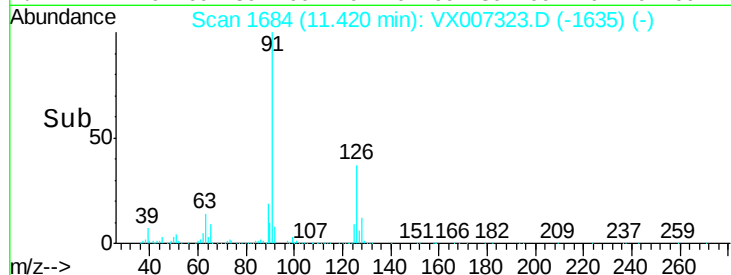
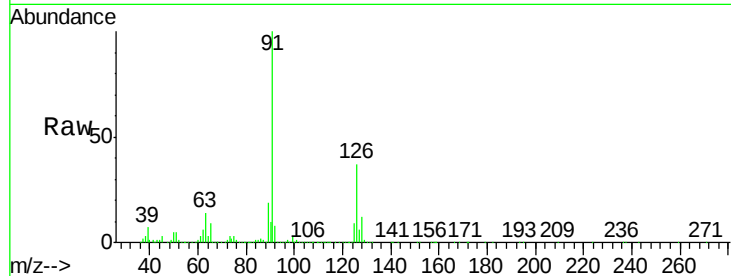
VSTDCCC050EC

Tot Ion: 91 Resp: 727414

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 43.540 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007323.D

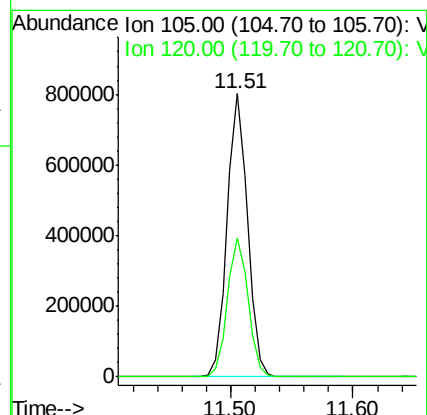
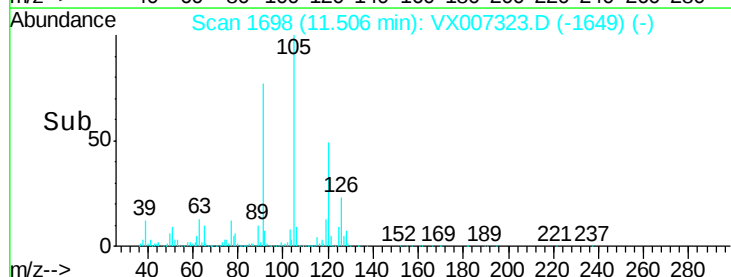
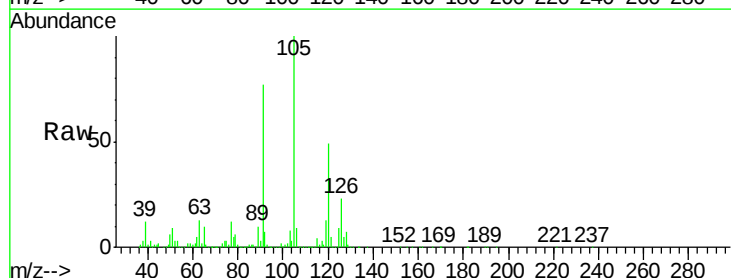
Acq: 30 Jan 2019 18:57

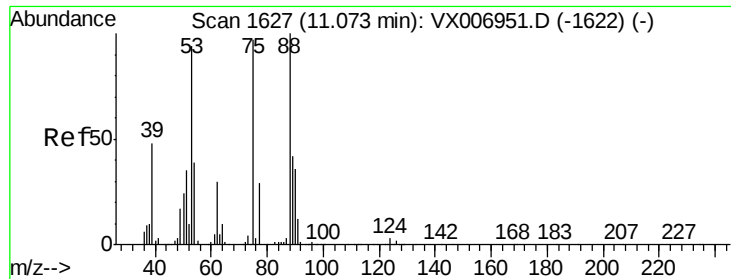
Tgt Ion: 105 Resp: 924137

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3

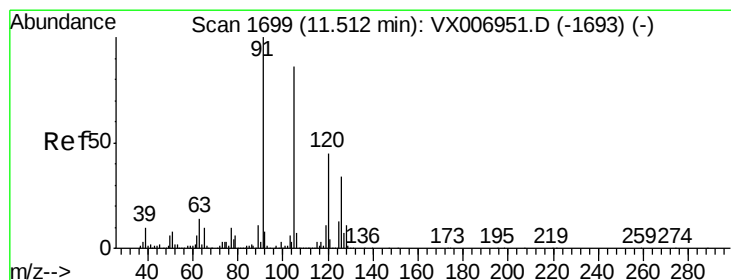
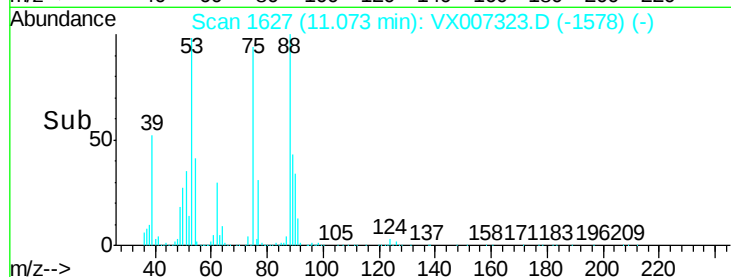
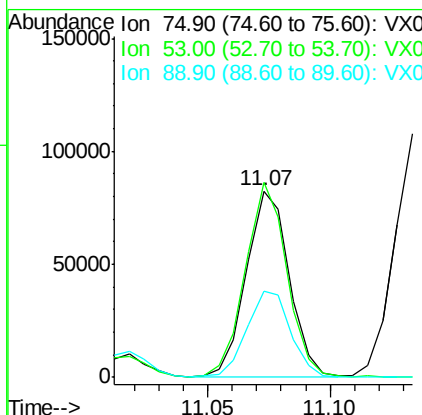
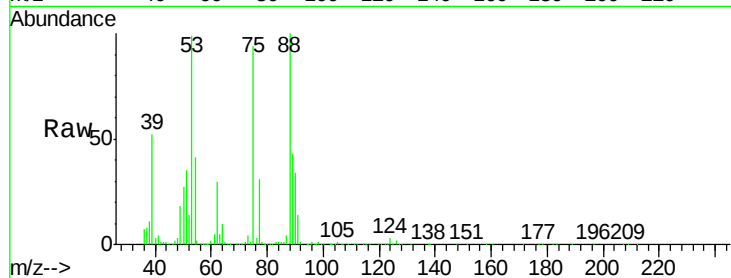




#81
trans-1,4-Dichloro-2-butene
Concen: 42.012 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

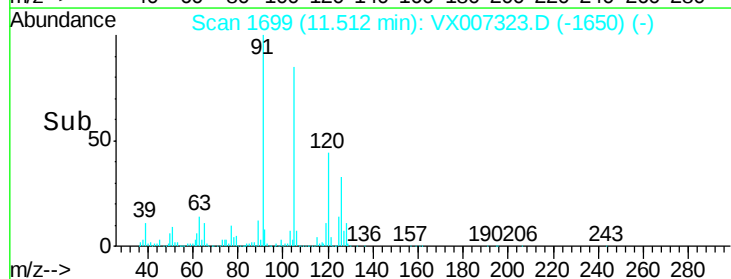
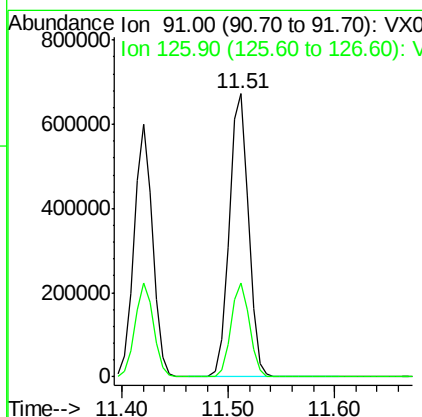
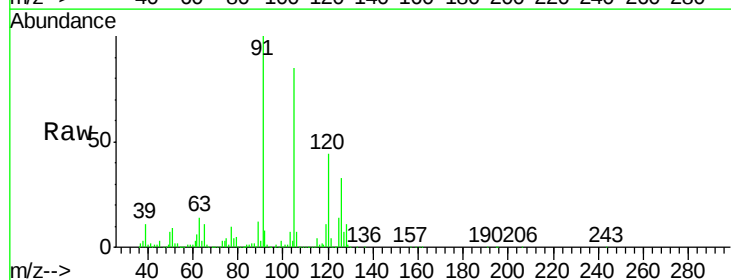
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

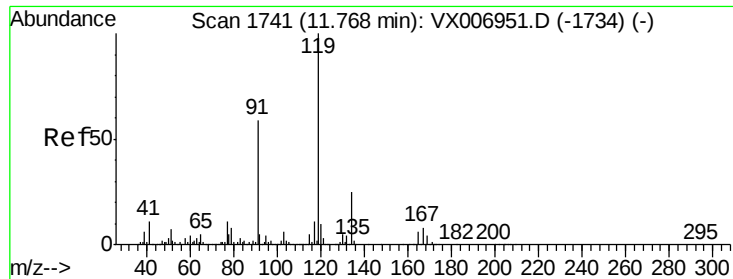
Tot Ion: 75 Resp: 100044
Ion Ratio Lower Upper
75 100
53 102.2 79.7 119.5
89 48.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 43.903 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 91 Resp: 853280
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.9





#83

tert-Butylbenzene

Concen: 44.895 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

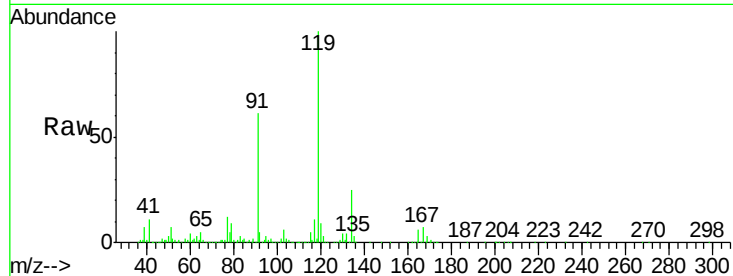
Tot Ion:119 Resp: 950747

Ion Ratio Lower Upper

119 100

91 54.4 27.7 83.1

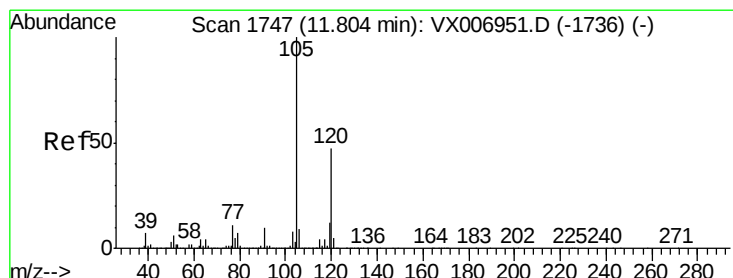
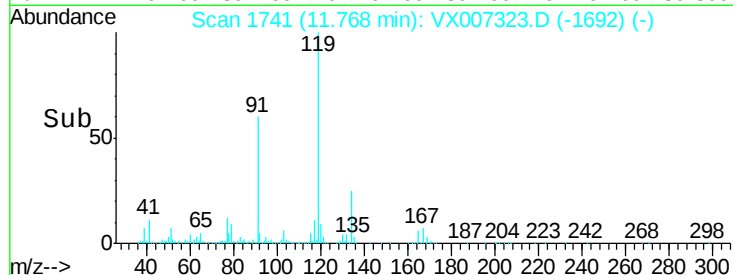
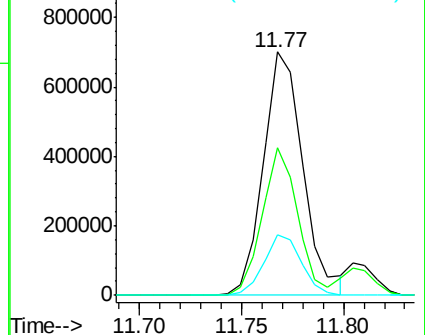
134 23.5 11.9 35.5



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: 44.026 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007323.D

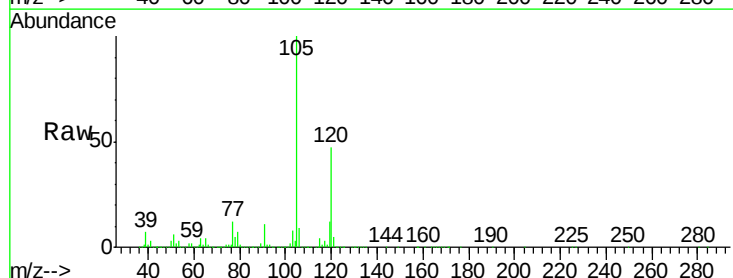
Acq: 30 Jan 2019 18:57

Tgt Ion:105 Resp: 939680

Ion Ratio Lower Upper

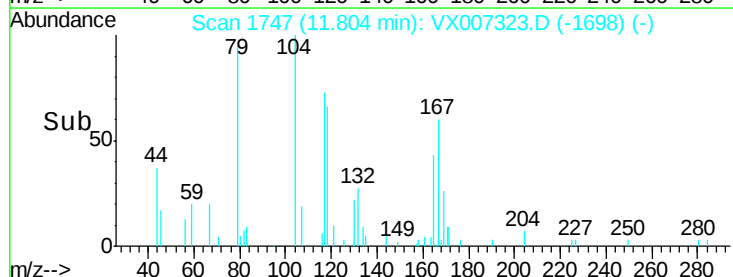
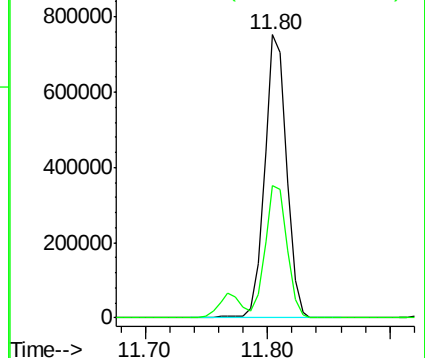
105 100

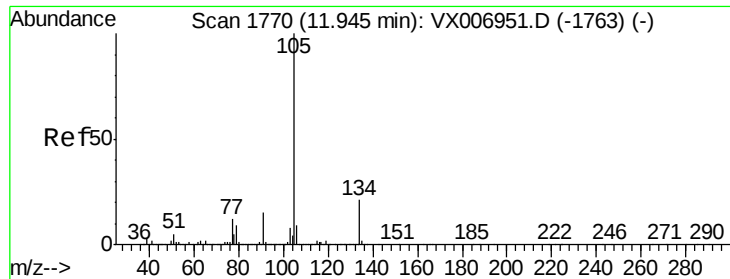
120 46.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.696 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

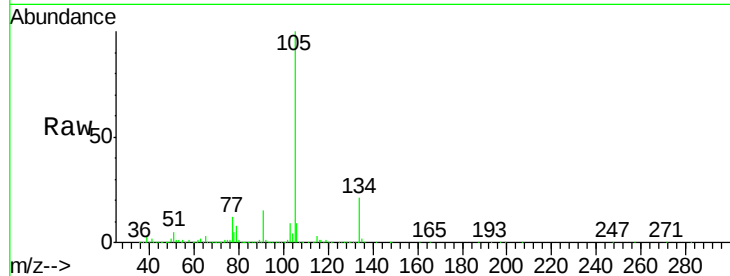
VSTDCCC050EC

Tot Ion:105 Resp: 1130405

Ion Ratio Lower Upper

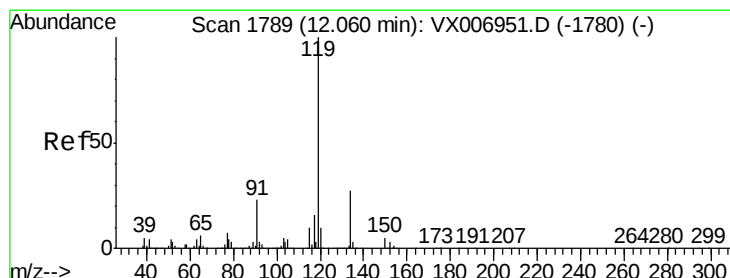
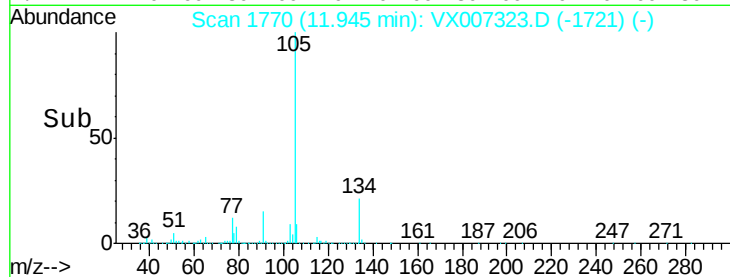
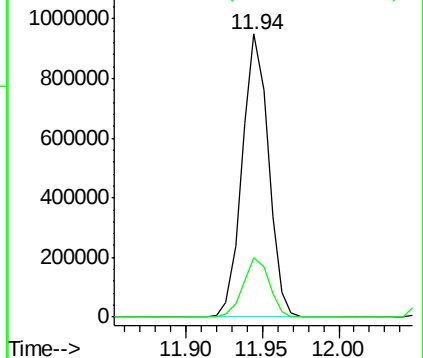
105 100

134 21.0 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: 44.743 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

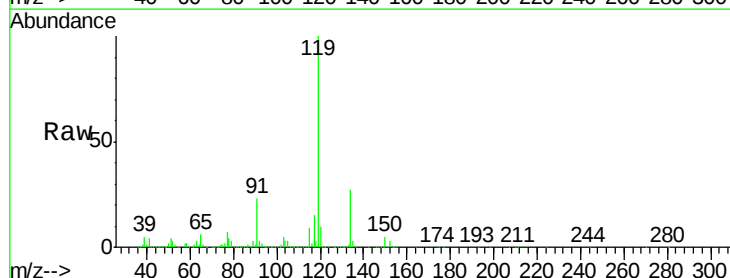
Tgt Ion:119 Resp: 1012175

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

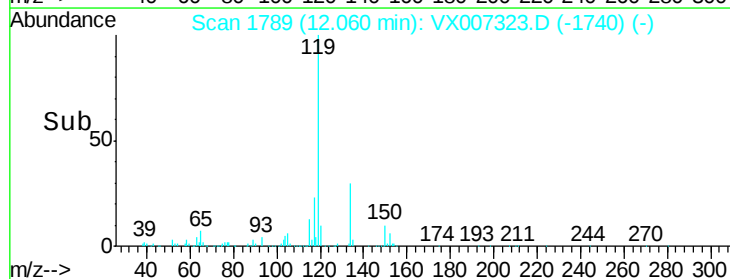
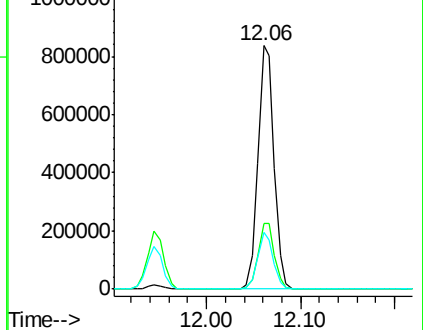
91 22.5 11.3 33.9

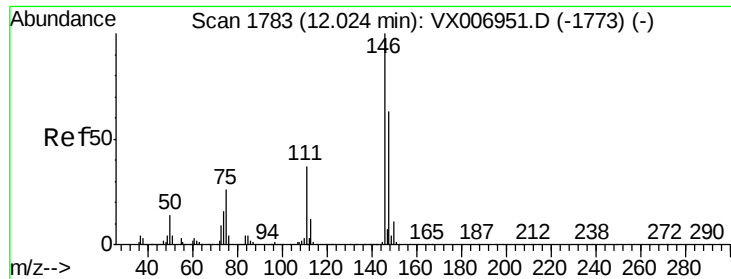


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

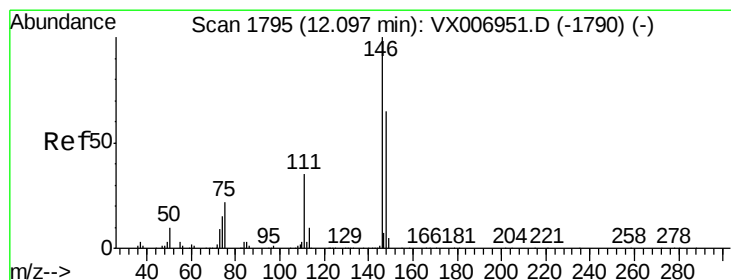
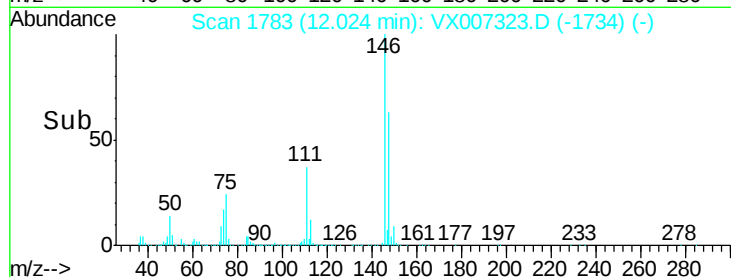
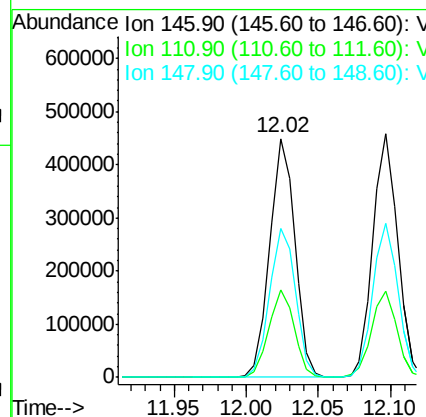
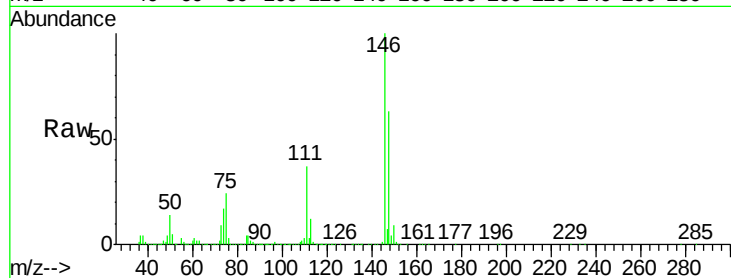




#87
 1,3-Dichlorobenzene
 Concen: 43.029 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

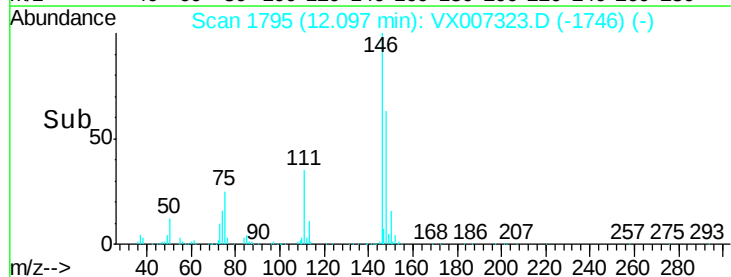
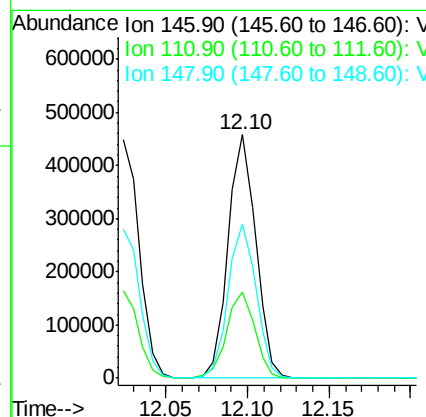
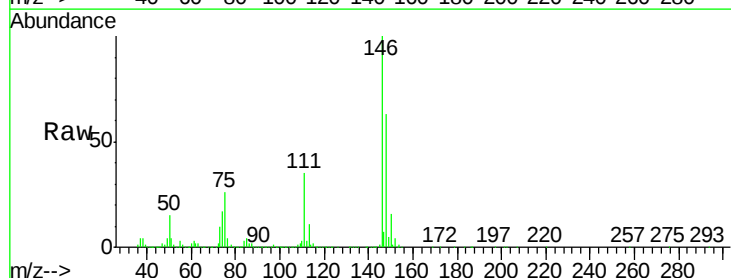
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

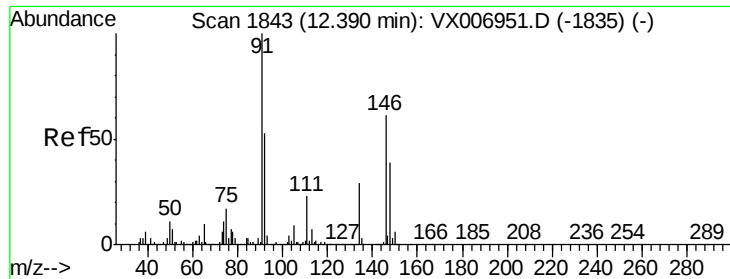
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	64.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 45.388 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.0	31.9	95.9

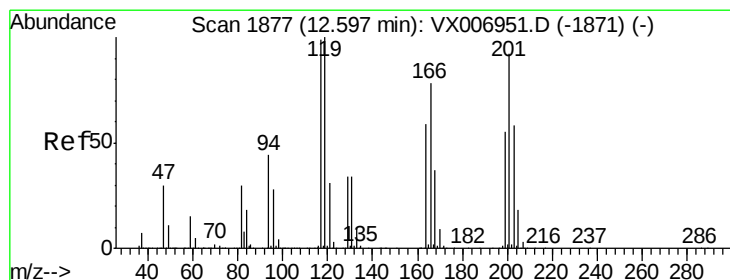
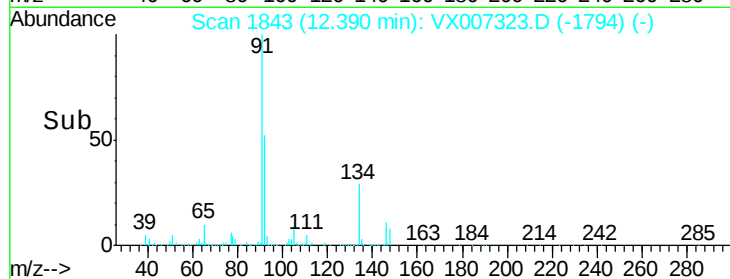
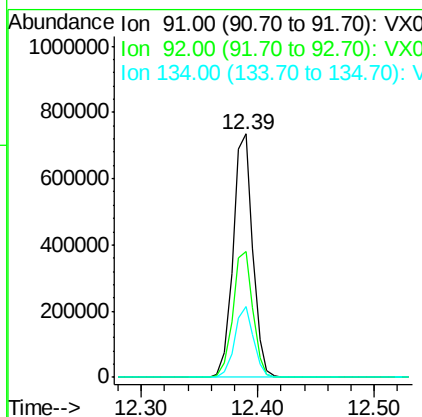
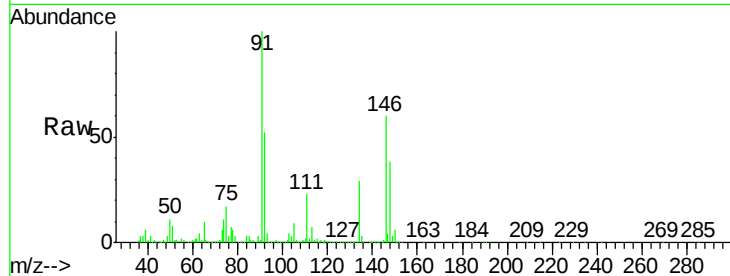




#89
n-Butylbenzene
Concen: 44.741 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

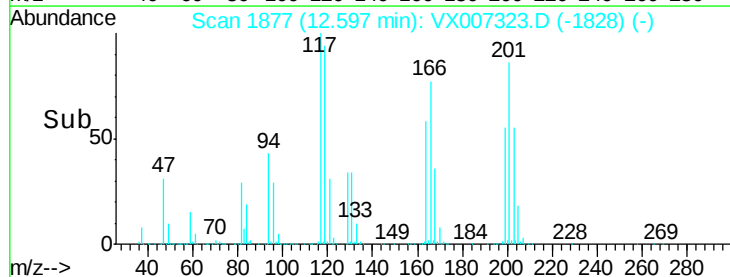
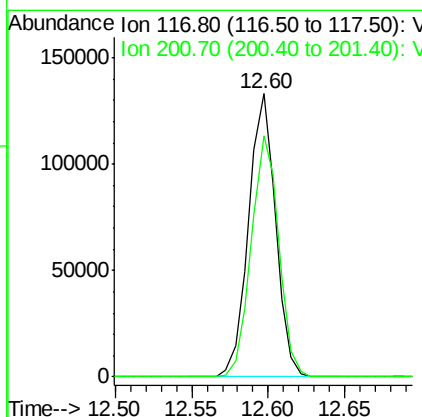
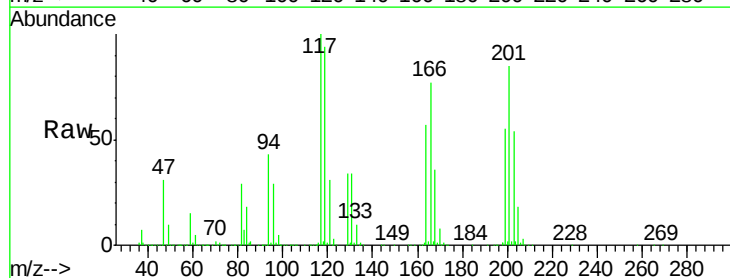
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

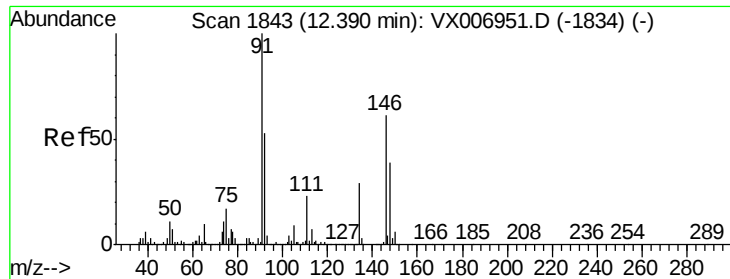
Tot Ion: 91 Resp: 862810
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 28.2 14.4 43.2



#90
Hexachloroethane
Concen: 45.406 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion: 117 Resp: 162957
Ion Ratio Lower Upper
117 100
201 87.0 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 43.818 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

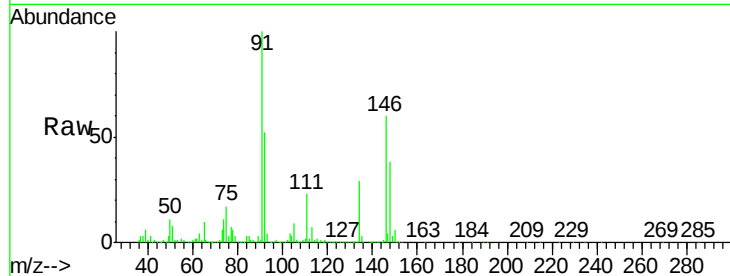
Tot Ion:146 Resp: 547044

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

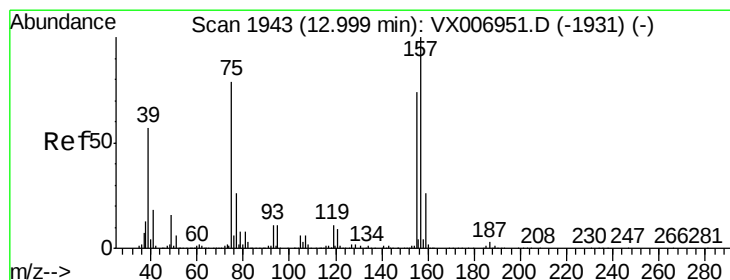
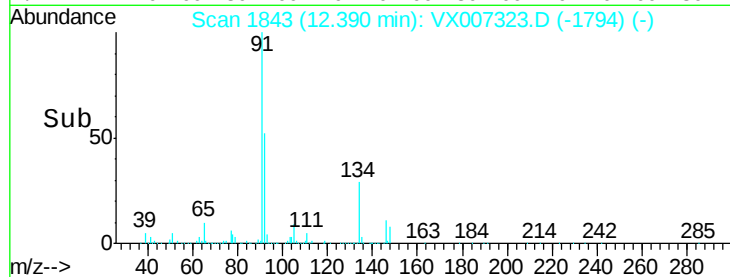
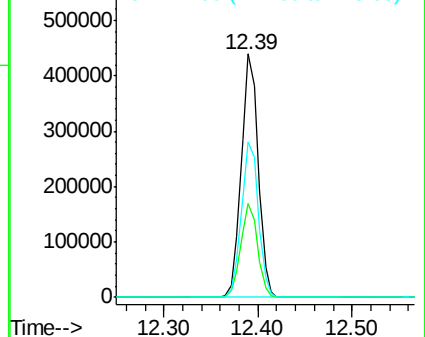
148 64.5 32.3 96.9



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: 48.565 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007323.D

Acq: 30 Jan 2019 18:57

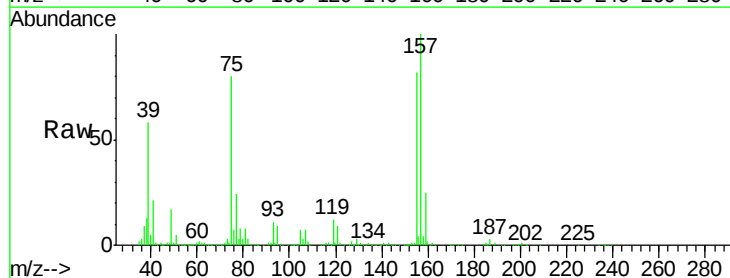
Tgt Ion: 75 Resp: 77457

Ion Ratio Lower Upper

75 100

155 100.8 50.6 151.8

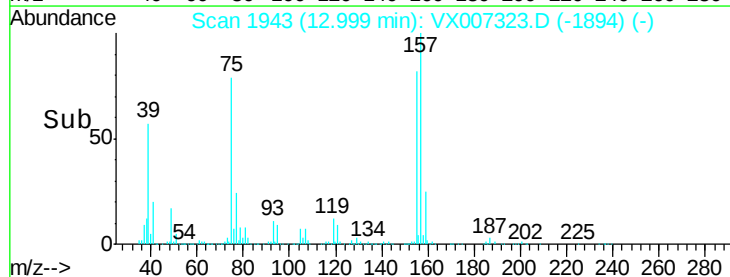
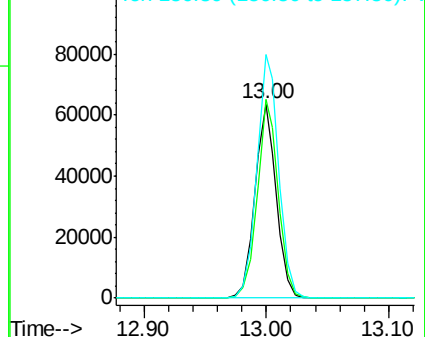
157 128.4 64.6 193.8

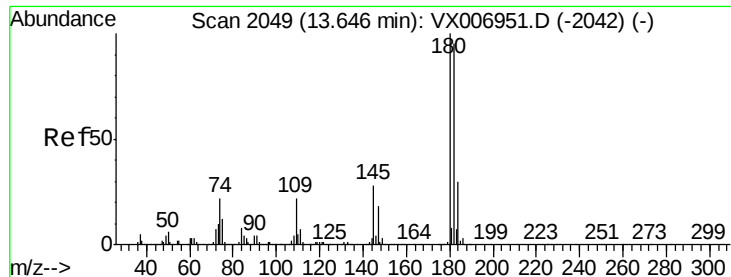


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

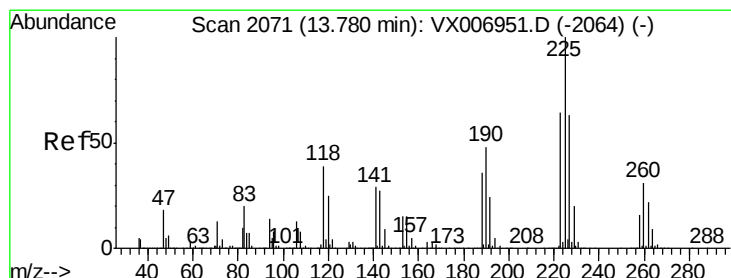
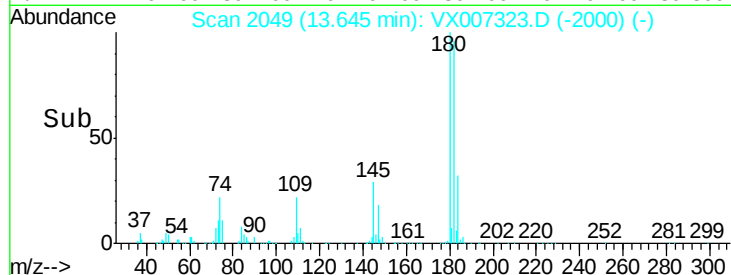
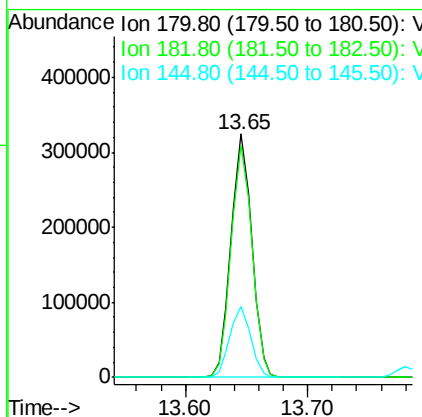
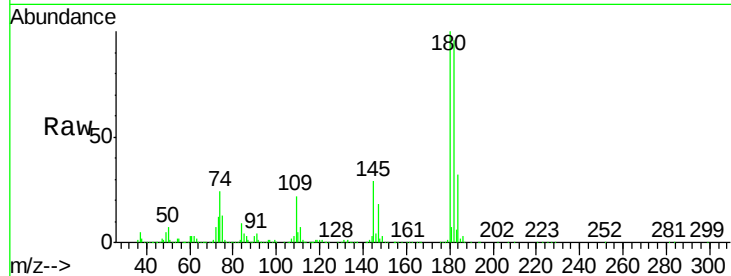




#93
 1,2,4-Trichlorobenzene
 Concen: 44.457 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

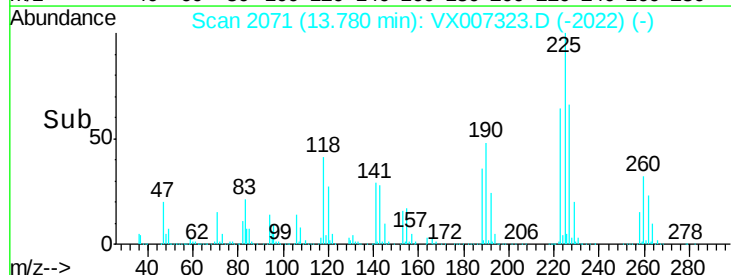
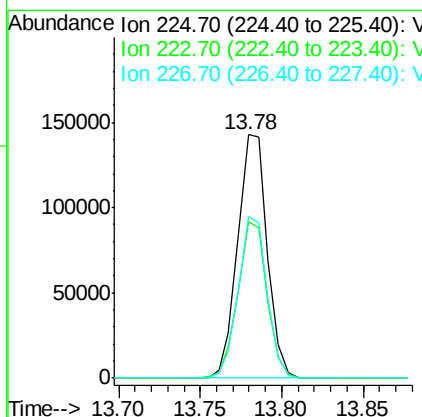
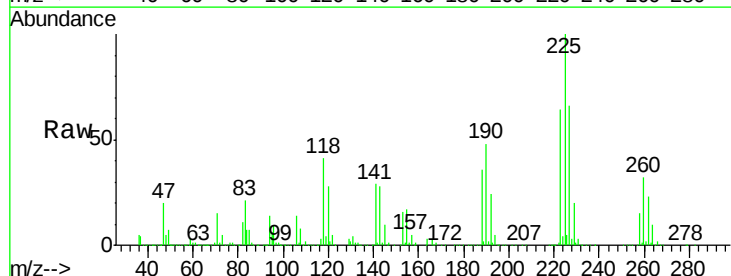
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

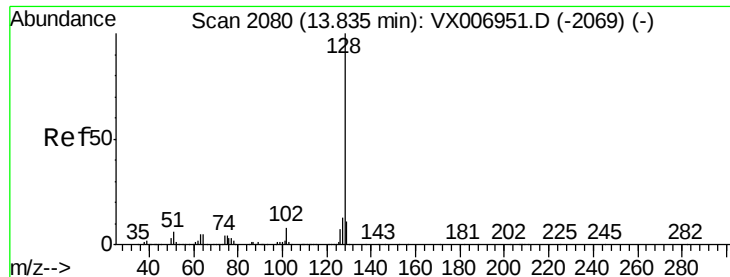
Tot Ion:180 Resp: 380788
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 47.532 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007323.D
 Acq: 30 Jan 2019 18:57

Tgt Ion:225 Resp: 180670
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.3
 227 64.8 32.3 96.8

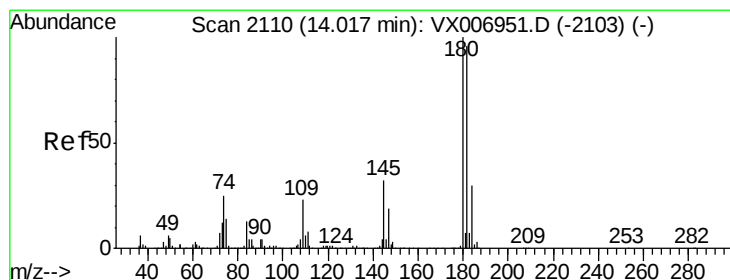
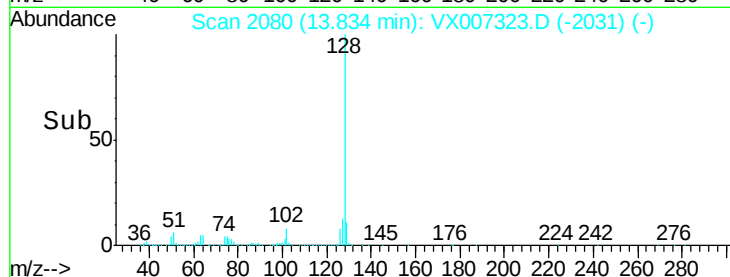
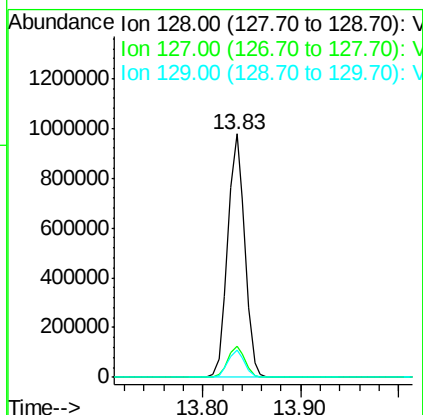
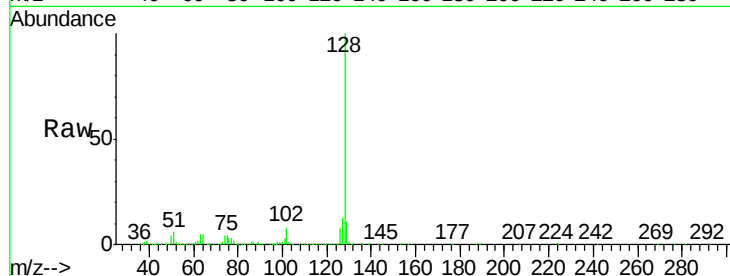




#95
Naphthalene
Concen: 45.492 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1180741
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.153 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007323.D
Acq: 30 Jan 2019 18:57

Tgt Ion:180 Resp: 384190
Ion Ratio Lower Upper
180 100
182 94.1 48.5 145.5
145 29.8 16.0 47.9

