

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011838.D
 Acq On : 24 Aug 2019 22:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 26 04:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	315573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	460460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242413	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	138106	43.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.12%	
35) Dibromofluoromethane	5.49	113	132089	44.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.72%	
50) Toluene-d8	8.71	98	458755	44.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.34%	
62) 4-Bromofluorobenzene	11.13	95	176462	42.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	132212	44.891	ug/l	98
3) Chloromethane	1.32	50	145144	56.195	ug/l	99
4) Vinyl Chloride	1.40	62	142621	55.237	ug/l	99
5) Bromomethane	1.63	94	70060	49.255	ug/l	98
6) Chloroethane	1.71	64	81728	54.138	ug/l	99
7) Trichlorofluoromethane	1.92	101	173001	42.085	ug/l	99
8) Diethyl Ether	2.18	74	78876	56.429	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91514	35.976	ug/l	94
10) Methyl Iodide	2.50	142	157706	50.758	ug/l	94
11) Tert butyl alcohol	3.04	59	159464	254.560	ug/l	100
12) 1,1-Dichloroethene	2.37	96	118729	47.868	ug/l	92
13) Acrolein	2.29	56	1872	7.731	ug/l	93
14) Allyl chloride	2.72	41	176185	45.447	ug/l	97
15) Acrylonitrile	3.13	53	399538	278.848	ug/l	99
16) Acetone	2.43	43	314674	228.187	ug/l	94
17) Carbon Disulfide	2.56	76	279483	44.566	ug/l	100
18) Methyl Acetate	2.76	43	238242	63.668	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	430207	54.071	ug/l	99
20) Methylene Chloride	2.85	84	146868	52.093	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	133781	50.005	ug/l	96
22) Diisopropyl ether	3.85	45	422865	56.250	ug/l	95
23) Vinyl Acetate	3.81	43	1505547	241.884	ug/l	99
24) 1,1-Dichloroethane	3.69	63	230419	51.913	ug/l	99
25) 2-Butanone	4.66	43	516433	260.904	ug/l	96
26) 2,2-Dichloropropane	4.57	77	60868	16.148	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	158924	51.800	ug/l	86
28) Bromochloromethane	5.01	49	103773	51.505	ug/l	85
29) Tetrahydrofuran	5.12	42	340421	268.293	ug/l	96
30) Chloroform	5.20	83	235704	48.947	ug/l	98
31) Cyclohexane	5.57	56	142548	36.569	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	195245	46.643	ug/l	98
36) 1,1-Dichloropropene	5.79	75	152936	42.355	ug/l	96
37) Ethyl Acetate	4.82	43	185730	48.606	ug/l	98
38) Carbon Tetrachloride	5.77	117	163523	39.960	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136064	30.409	ug/l	98
40) Benzene	6.13	78	534212	47.826	ug/l	99
41) Methacrylonitrile	5.03	41	108451	48.801	ug/l	95
42) 1,2-Dichloroethane	6.18	62	177200	43.397	ug/l	93
43) Isopropyl Acetate	6.43	43	298688	48.295	ug/l	97
44) Trichloroethene	7.21	130	160964	46.748	ug/l	96
45) 1,2-Dichloropropane	7.51	63	137758	49.066	ug/l	100
46) Dibromomethane	7.66	93	100035	48.328	ug/l	92
47) Bromodichloromethane	7.90	83	180727	48.502	ug/l	97
48) Methyl methacrylate	7.76	41	150220	48.806	ug/l	94
49) 1,4-Dioxane	7.74	88	84373	989.379	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	1002022	245.883	ug/l	97
52) Toluene	8.78	92	339010	46.900	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	177226	45.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190798	44.712	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	157616	52.338	ug/l	98
56) Ethyl methacrylate	9.18	69	234148	54.671	ug/l	95
57) 1,3-Dichloropropane	9.37	76	238441	49.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	596086	264.582	ug/l	97
59) 2-Hexanone	9.49	43	766009	244.901	ug/l	96
60) Dibromochloromethane	9.58	129	173606	53.318	ug/l	100
61) 1,2-Dibromoethane	9.67	107	169571	52.477	ug/l	100
64) Tetrachloroethene	9.33	164	160703	47.720	ug/l	97
65) Chlorobenzene	10.13	112	393550	47.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	154273	49.962	ug/l	99
67) Ethyl Benzene	10.25	91	604776	43.912	ug/l	97
68) m/p-Xylenes	10.35	106	510308	96.096	ug/l	93
69) o-Xylene	10.69	106	249276	47.811	ug/l	93
70) Styrene	10.71	104	436473	50.043	ug/l	96
71) Bromoform	10.85	173	145322	54.556	ug/l #	98
73) Isopropylbenzene	11.02	105	622732	42.628	ug/l	99
74) N-amyl acetate	10.90	43	240393	42.504	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	230311	47.630	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	190942m	44.890	ug/l	
77) Bromobenzene	11.26	156	209305	48.600	ug/l	92
78) n-propylbenzene	11.36	91	634288	40.605	ug/l	98
79) 2-Chlorotoluene	11.42	91	404033	41.575	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	511682	41.980	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	48366	34.291	ug/l	98
82) 4-Chlorotoluene	11.51	91	468735	41.844	ug/l	96
83) tert-Butylbenzene	11.77	119	506518	42.119	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	534312	43.409	ug/l	99
85) sec-Butylbenzene	11.94	105	557636	40.537	ug/l	98
86) p-Isopropyltoluene	12.06	119	543274	41.047	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	349980	47.190	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	351415	46.834	ug/l	98
89) n-Butylbenzene	12.38	91	409566	37.381	ug/l	99
90) Hexachloroethane	12.59	117	86174	41.909	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	361738	48.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51780	46.068	ug/l	86

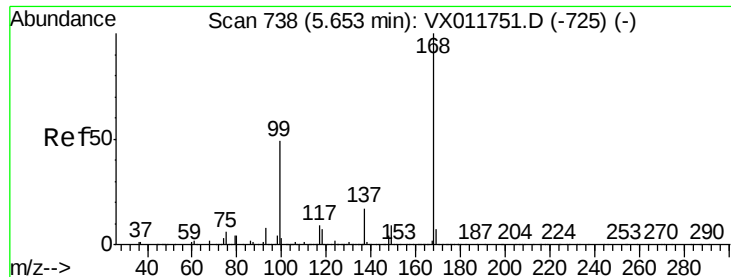
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	274418	49.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	106934	35.467	ug/l	97
95) Naphthalene	13.83	128	846514	55.860	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293280	53.084	ug/l	98

(#) = 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: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

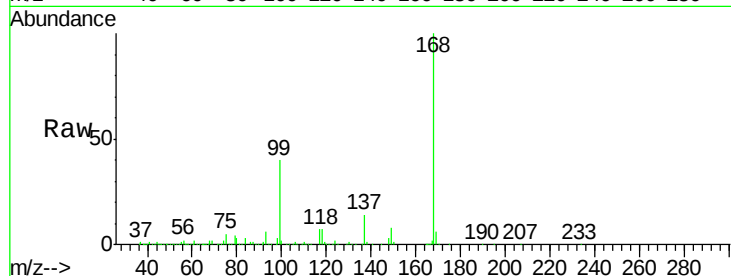
VSTDCCC050EC

Tot Ion:168 Resp: 315573

Ion Ratio Lower Upper

168 100

99 39.4 39.4 59.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

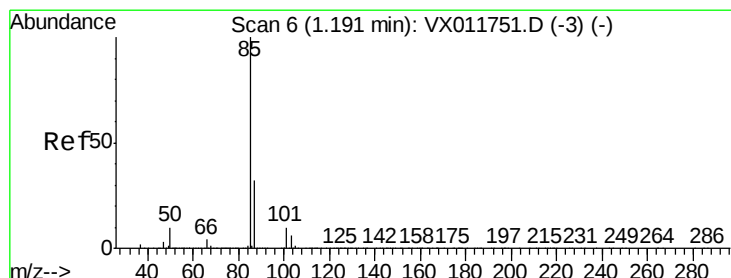
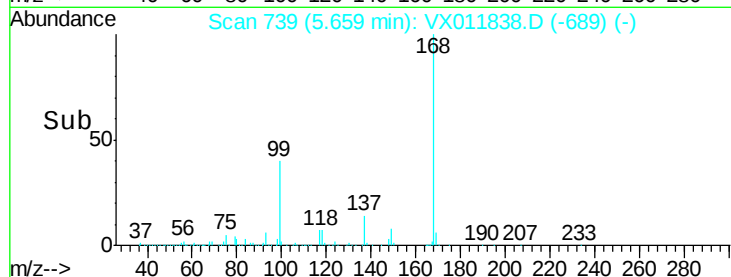
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.891 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011838.D

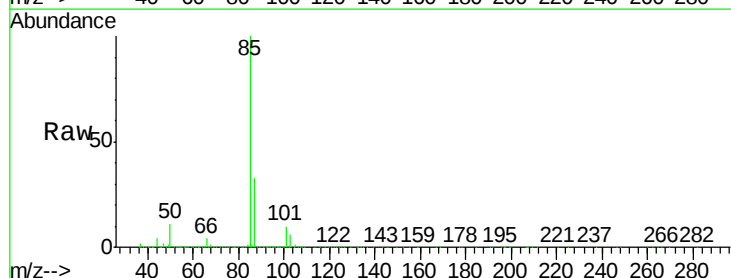
Acq: 24 Aug 2019 22:54

Tgt Ion: 85 Resp: 132212

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

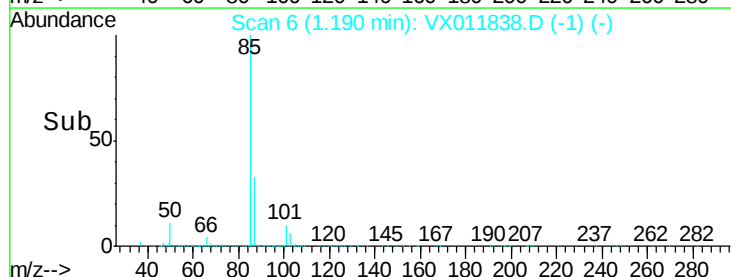
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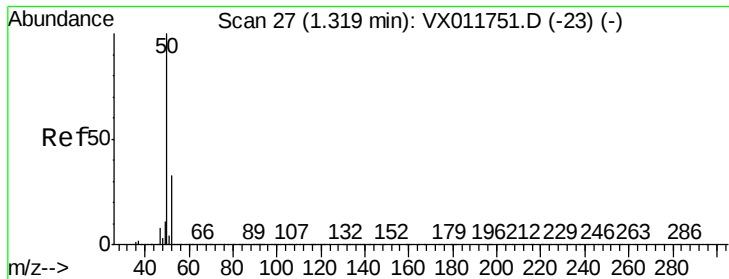
100000

50000

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Time-->





#3

Chloromethane

Concen: 56.195 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

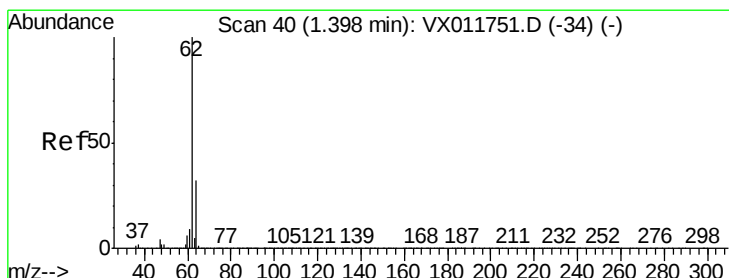
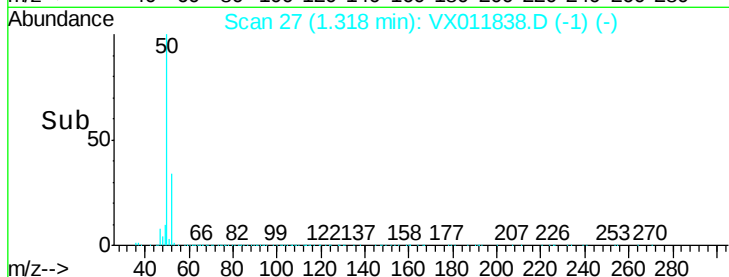
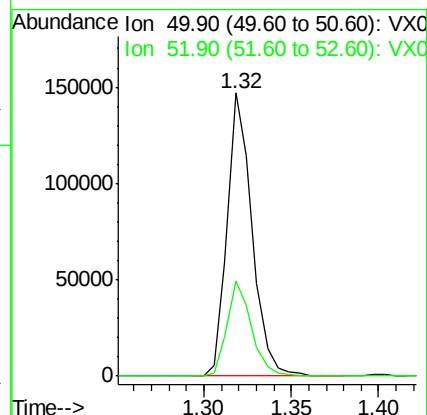
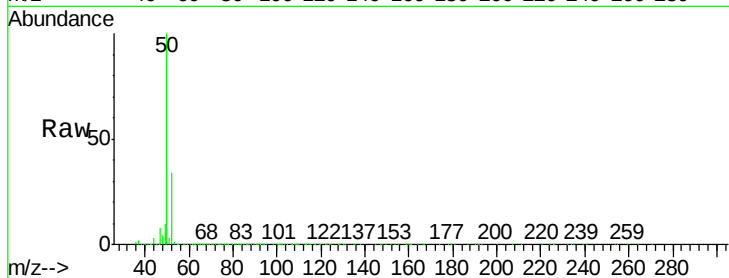
VSTDCCC050EC

Tot Ion: 50 Resp: 145144

Ion Ratio Lower Upper

50 100

52 33.6 26.6 39.8



#4

Vinyl Chloride

Concen: 55.237 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011838.D

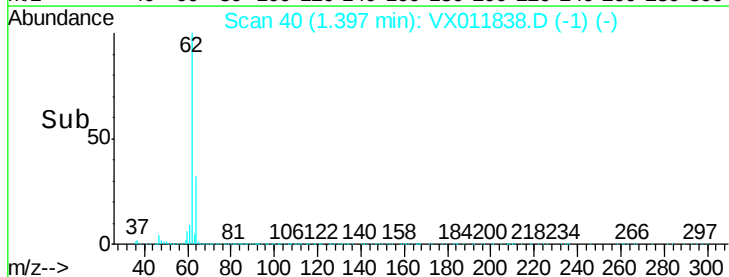
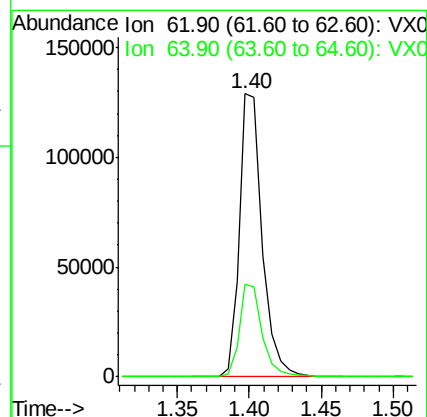
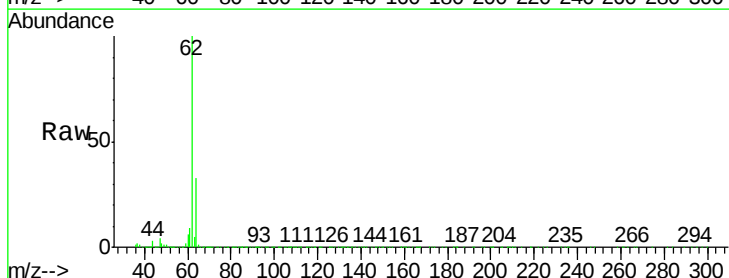
Acq: 24 Aug 2019 22:54

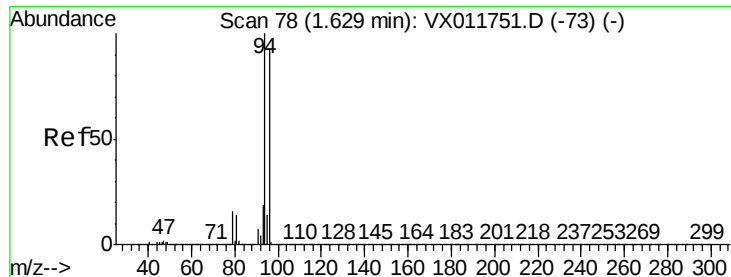
Tgt Ion: 62 Resp: 142621

Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3





#5

Bromomethane

Concen: 49.255 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

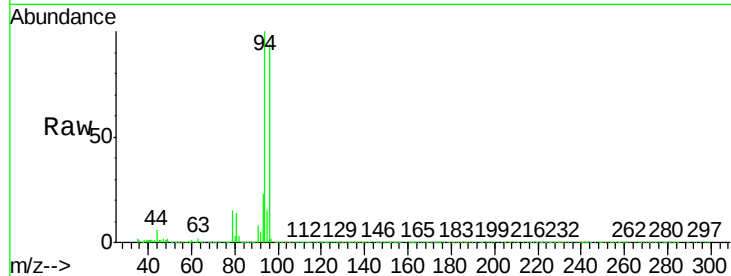
VSTDCCC050EC

Tot Ion: 94 Resp: 70060

Ion Ratio Lower Upper

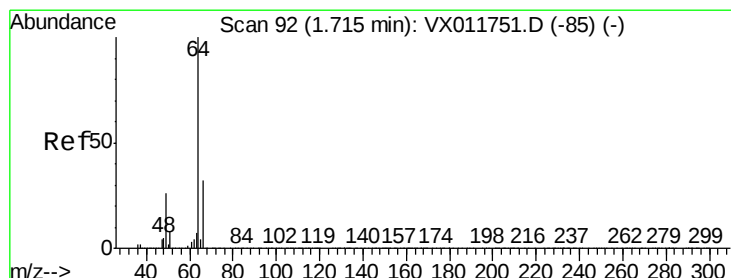
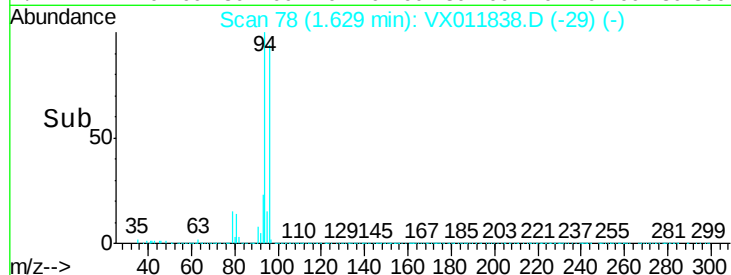
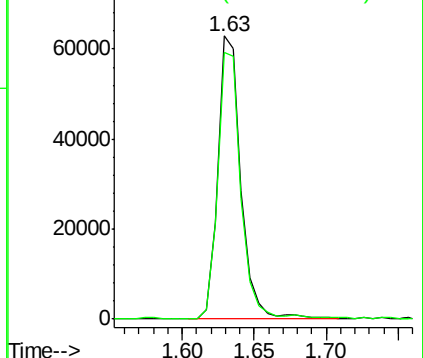
94 100

96 94.1 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.138 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011838.D

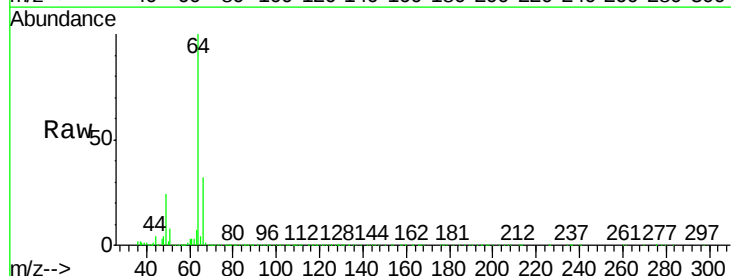
Acq: 24 Aug 2019 22:54

Tgt Ion: 64 Resp: 81728

Ion Ratio Lower Upper

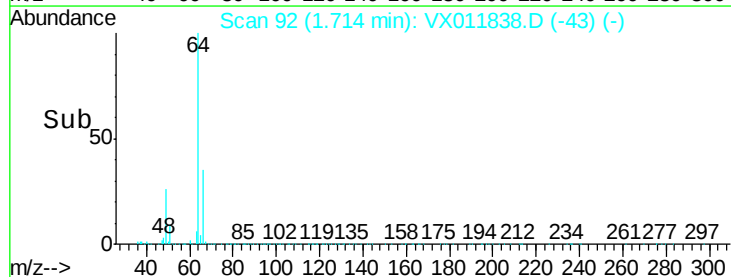
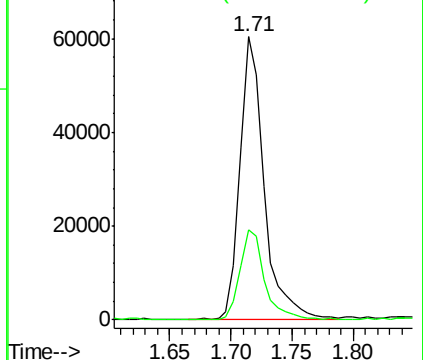
64 100

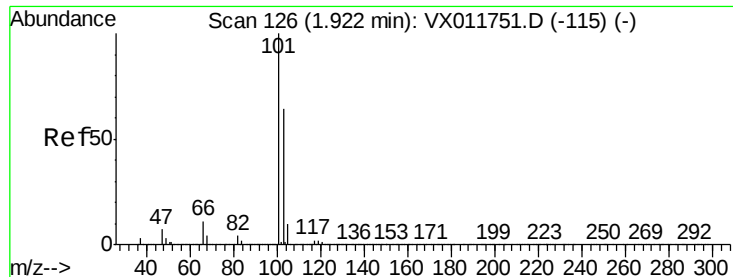
66 31.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



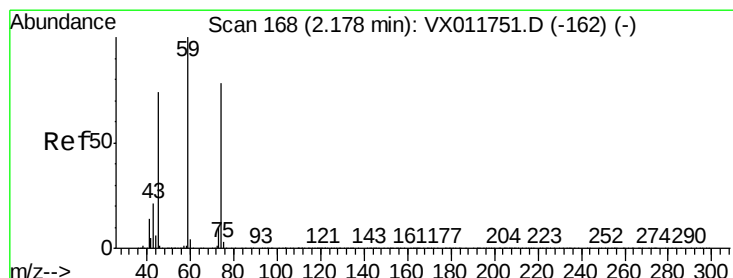
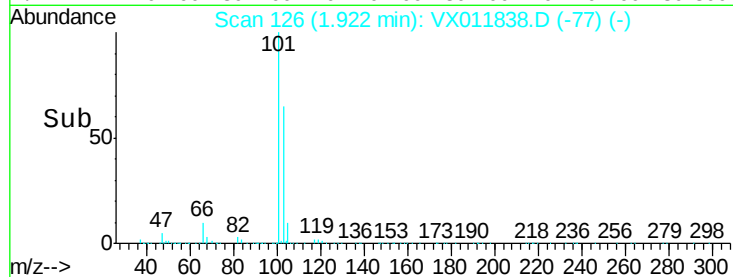
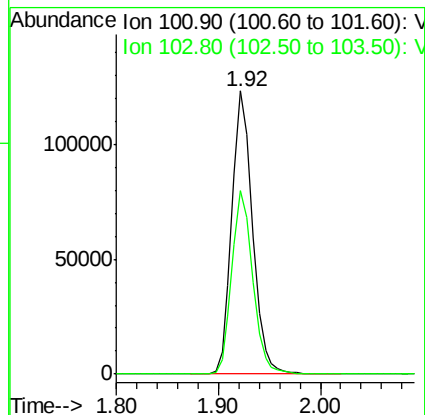
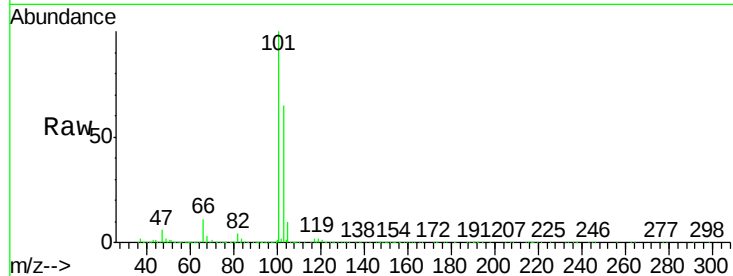


#7

Trichlorofluoromethane
Concen: 42.085 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Instrument :
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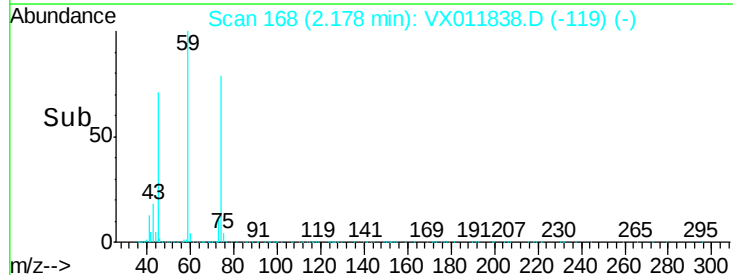
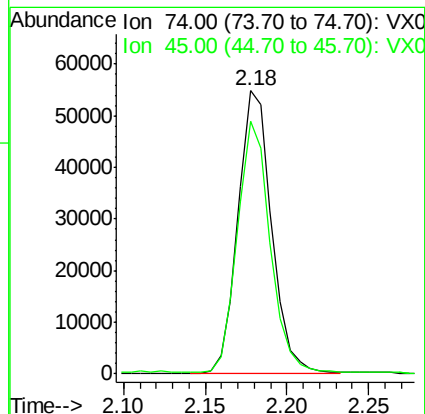
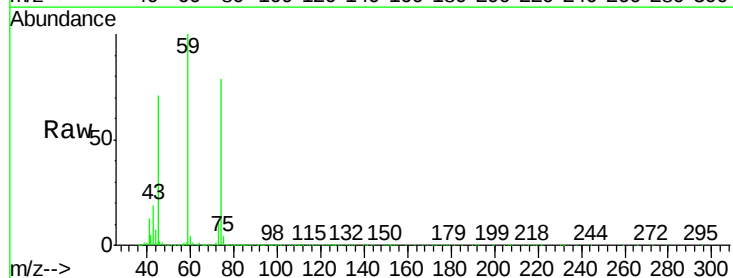
Tot Ion:101 Resp: 173001
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8

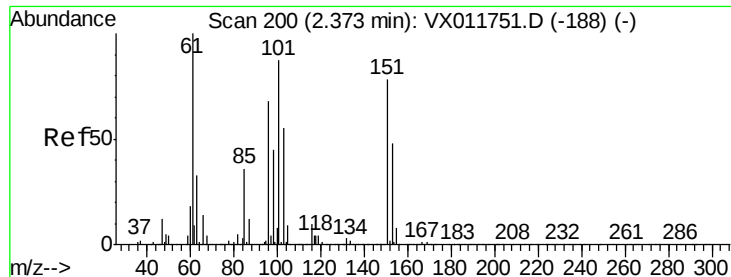


#8

Diethyl Ether
Concen: 56.429 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 74 Resp: 78876
Ion Ratio Lower Upper
74 100
45 87.3 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.976 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

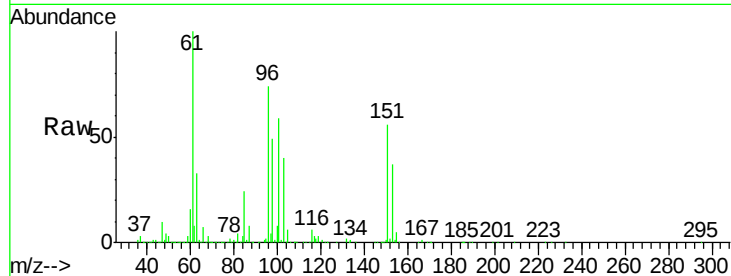
Tot Ion:101 Resp: 91514

Ion Ratio Lower Upper

101 100

85 40.0 33.7 50.5

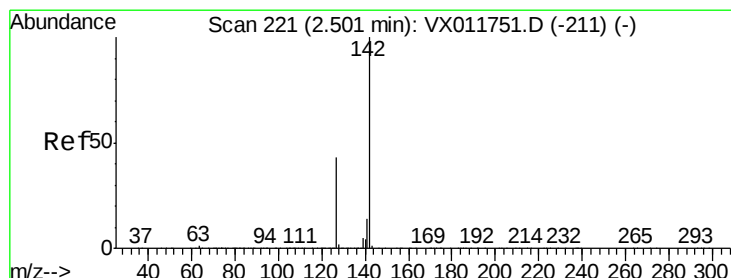
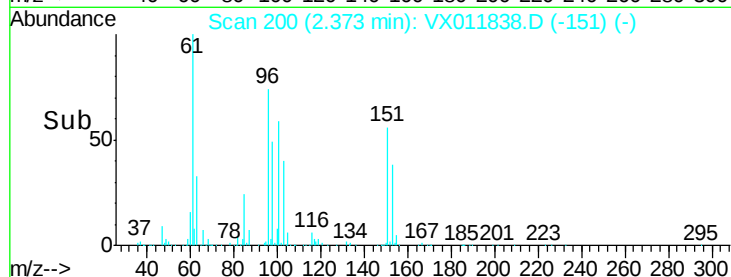
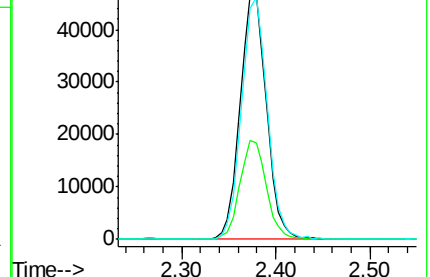
151 96.8 71.4 107.2



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: 50.758 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

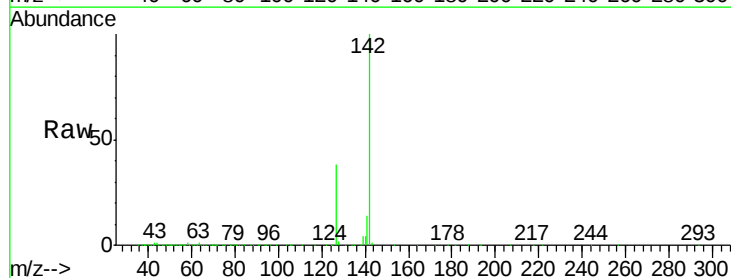
Tgt Ion:142 Resp: 157706

Ion Ratio Lower Upper

142 100

127 36.7 33.5 50.3

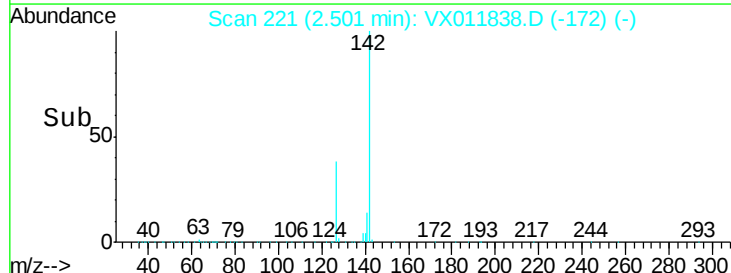
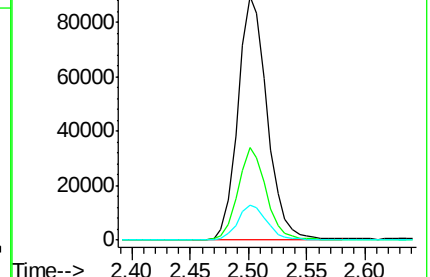
141 14.4 11.4 17.2

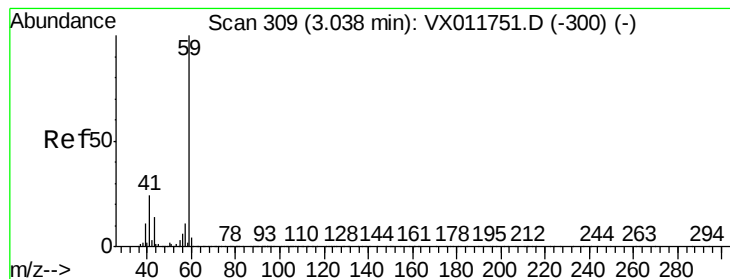


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



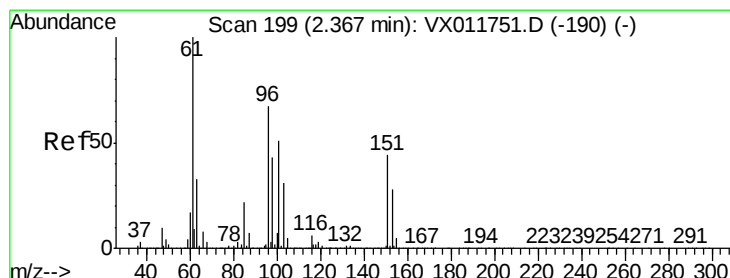
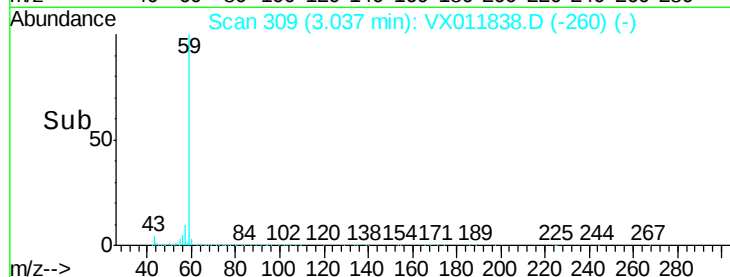
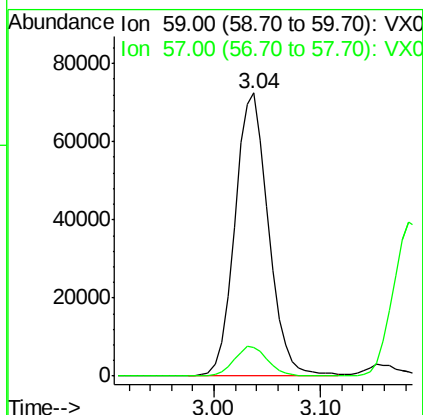
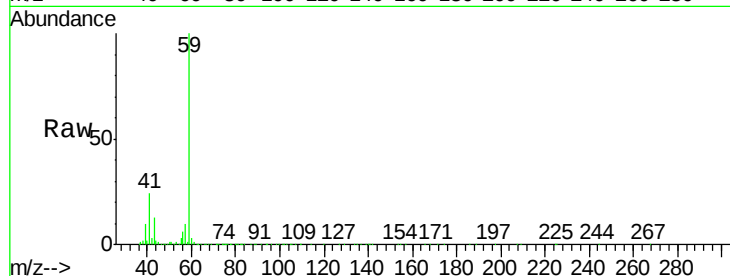


#11

Tert butyl alcohol
 Concen: 254.560 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

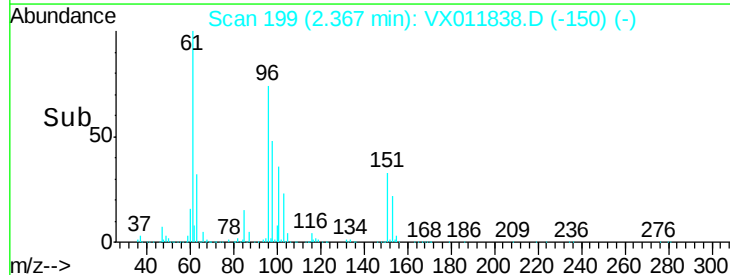
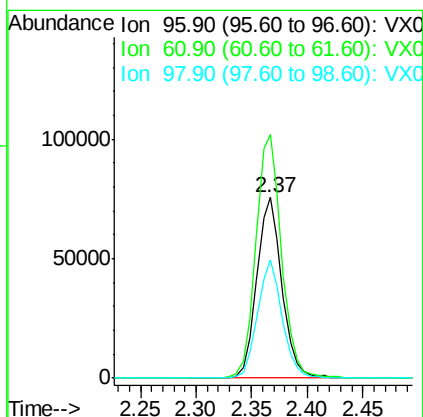
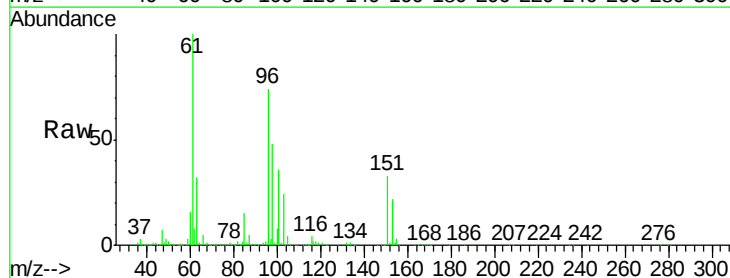
Tot Ion: 59 Resp: 159464
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

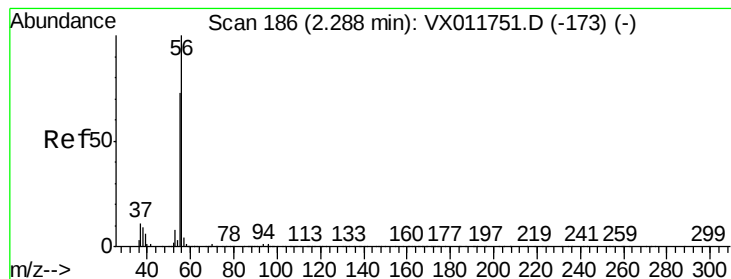


#12

1,1-Dichloroethene
 Concen: 47.868 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Tgt Ion: 96 Resp: 118729
 Ion Ratio Lower Upper
 96 100
 61 134.9 119.4 179.2
 98 65.2 51.2 76.8





#13

Acrolein

Concen: 7.731 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

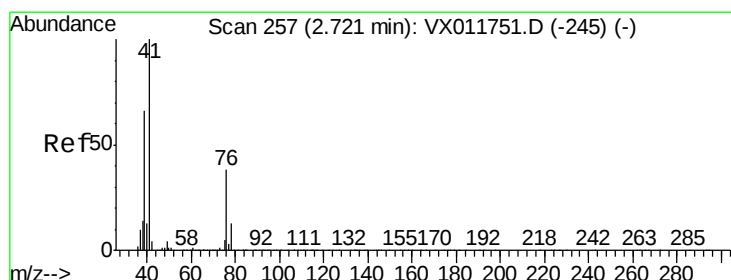
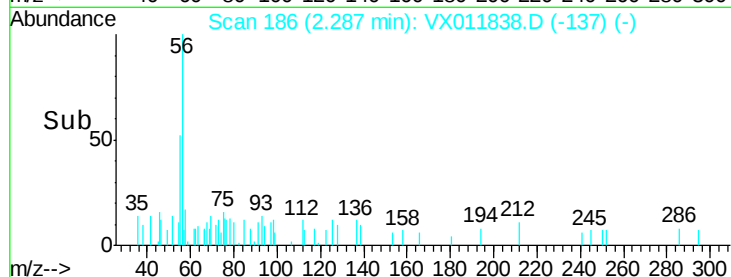
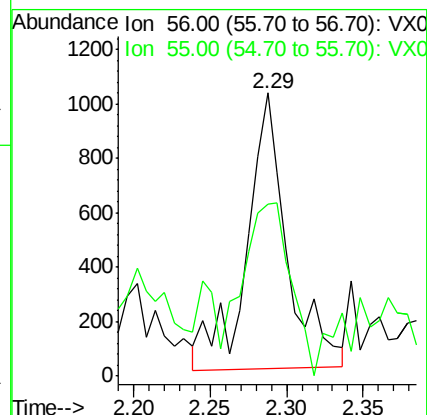
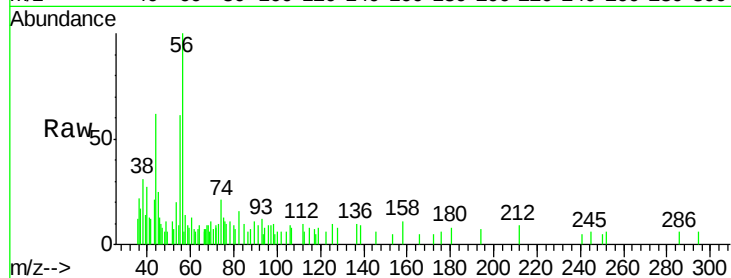
VSTDCCC050EC

Tot Ion: 56 Resp: 1872

Ion Ratio Lower Upper

56 100

55 74.2 54.8 82.2



#14

Allyl chloride

Concen: 45.447 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

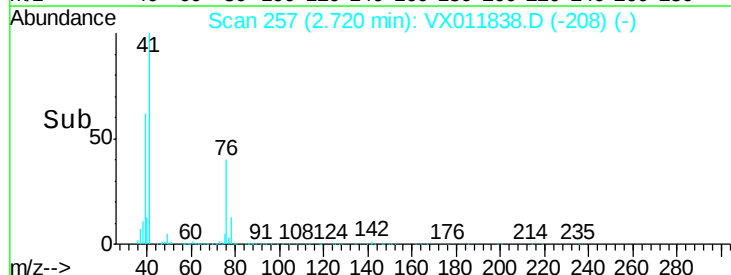
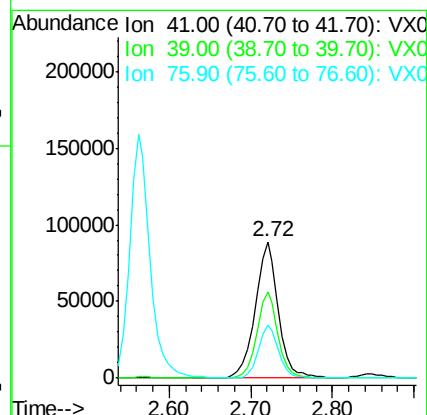
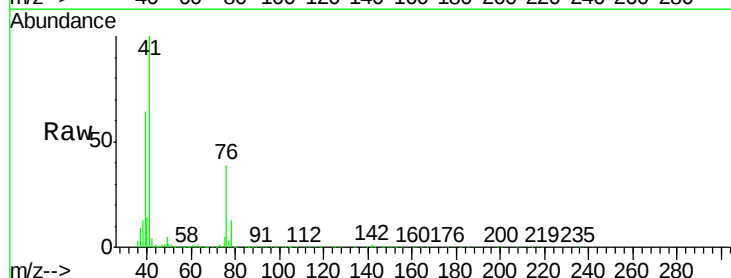
Tgt Ion: 41 Resp: 176185

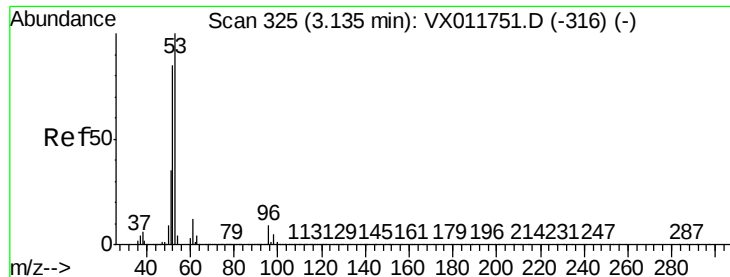
Ion Ratio Lower Upper

41 100

39 58.1 49.3 73.9

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 278.848 ug/l

RT: 3.13 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

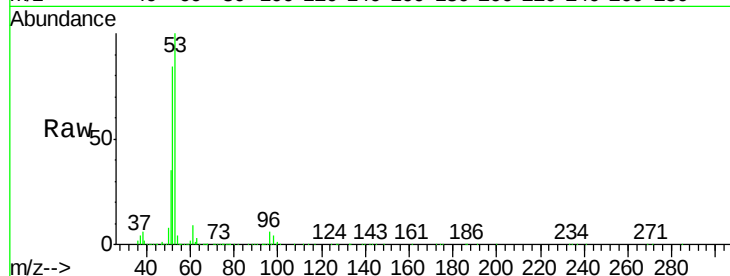
Tot Ion: 53 Resp: 399538

Ion Ratio Lower Upper

53 100

52 82.7 65.7 98.5

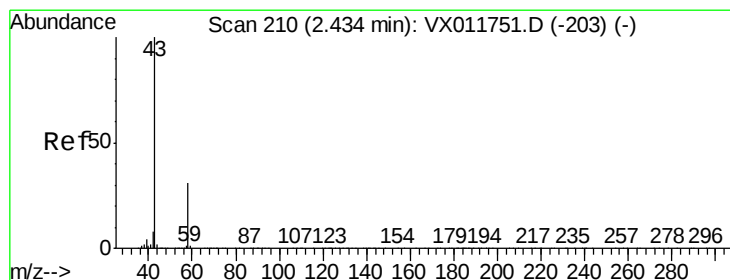
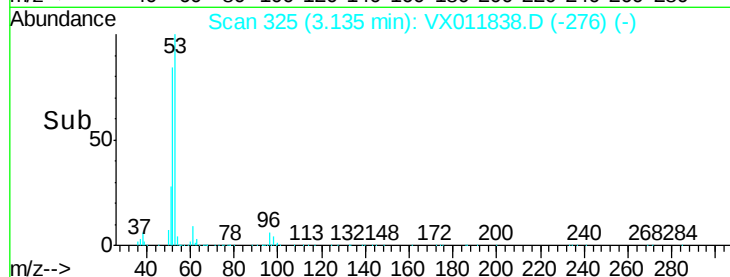
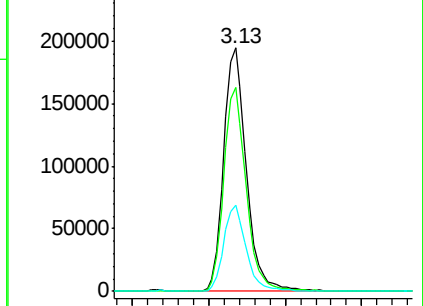
51 35.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 228.187 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011838.D

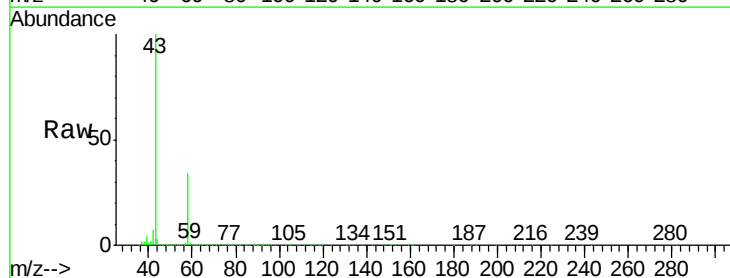
Acq: 24 Aug 2019 22:54

Tgt Ion: 43 Resp: 314674

Ion Ratio Lower Upper

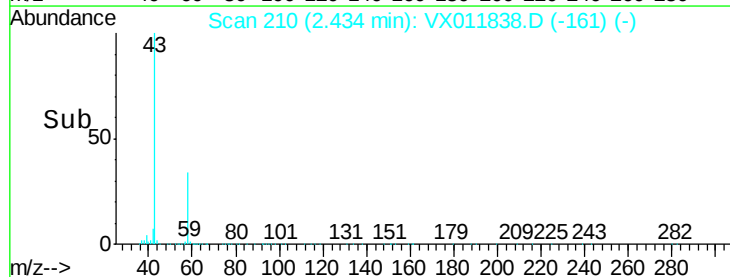
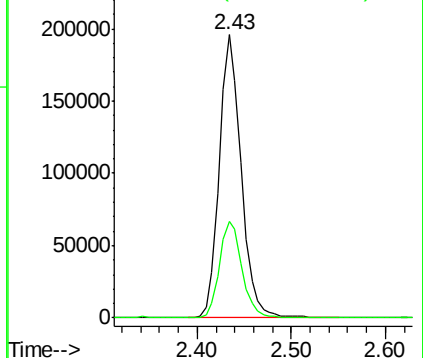
43 100

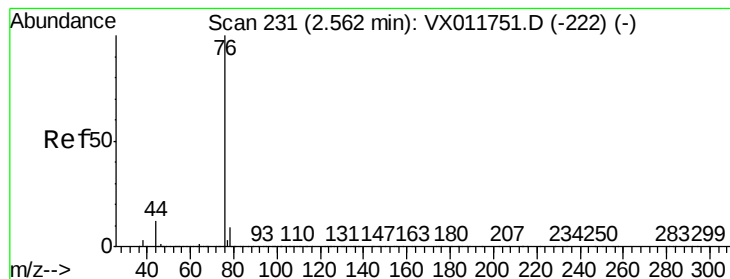
58 33.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.566 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

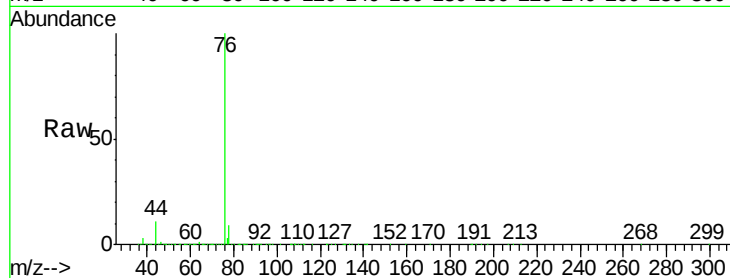
VSTDCCC050EC

Tot Ion: 76 Resp: 279483

Ion Ratio Lower Upper

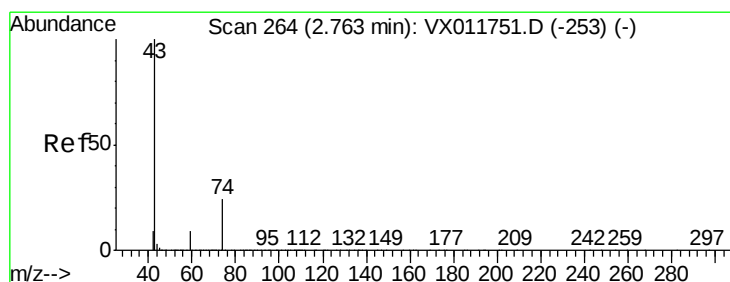
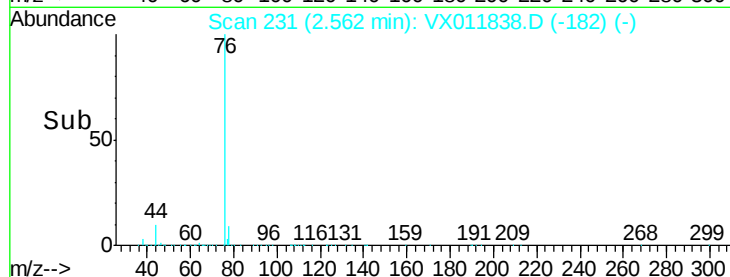
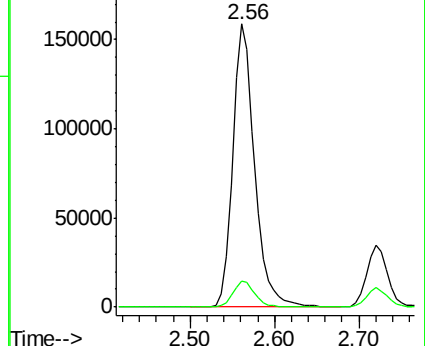
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 63.668 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011838.D

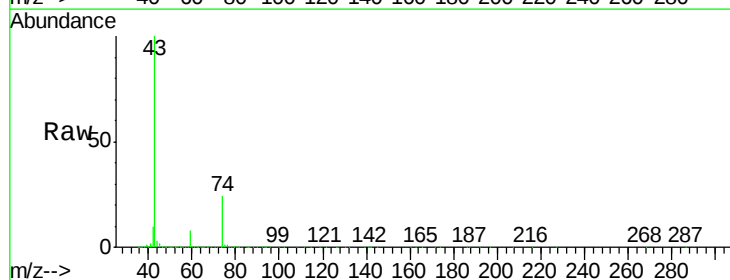
Acq: 24 Aug 2019 22:54

Tgt Ion: 43 Resp: 238242

Ion Ratio Lower Upper

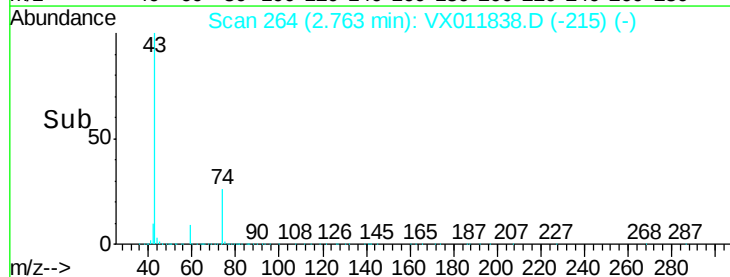
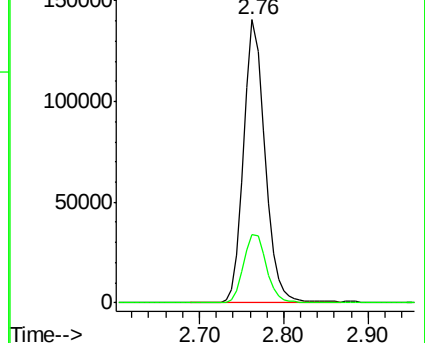
43 100

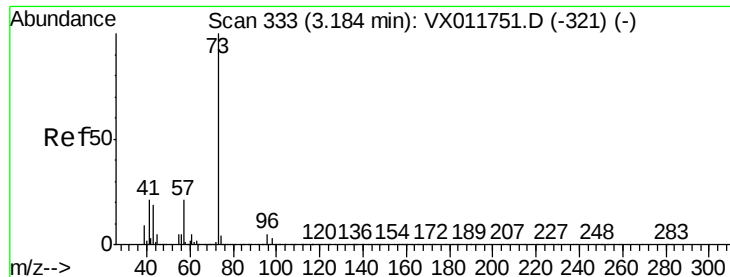
74 26.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

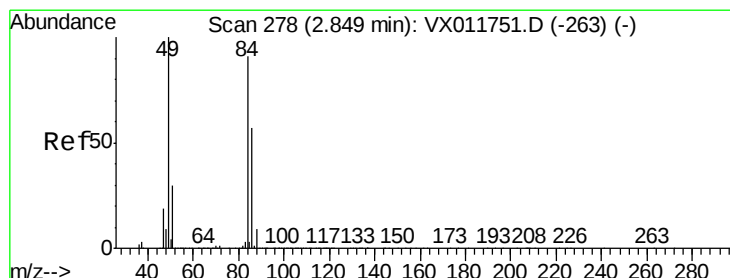
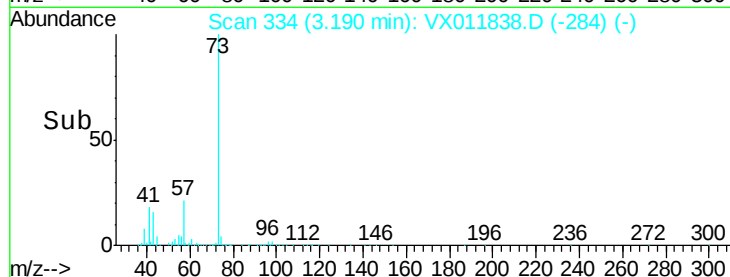
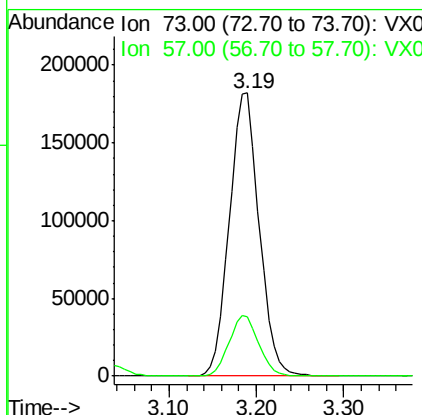
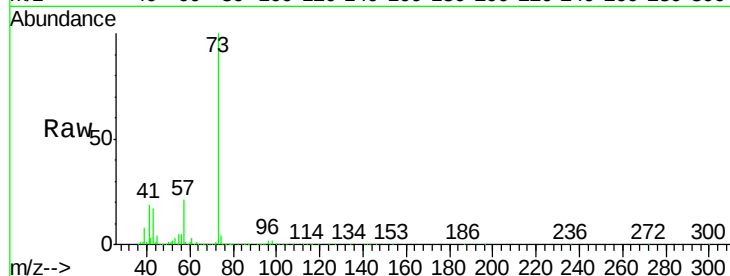




#19
Methvl tert-butvl Ether
Concen: 54.071 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

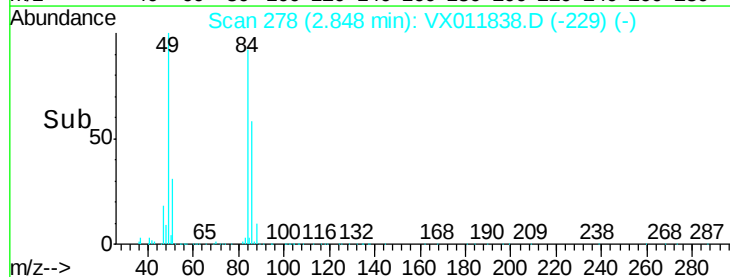
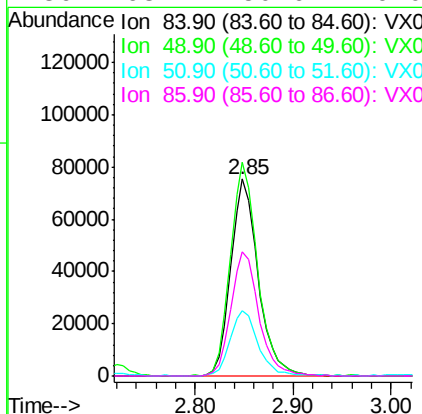
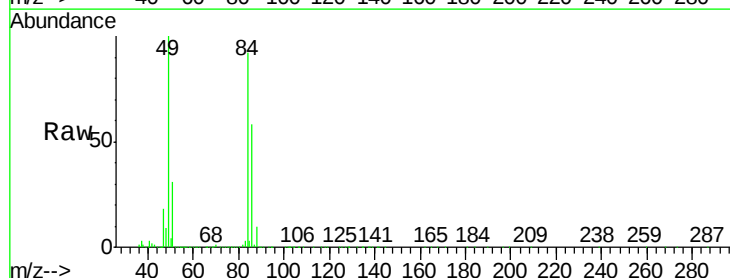
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

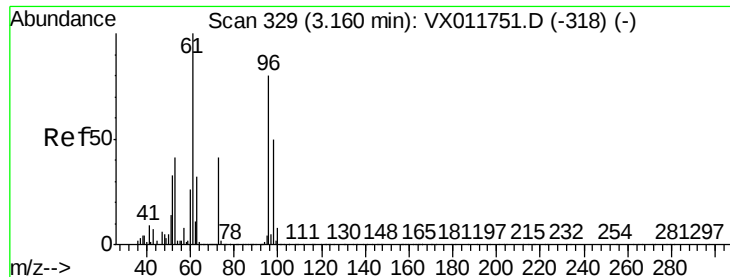
Tot Ion: 73 Resp: 430207
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6



#20
Methylene Chloride
Concen: 52.093 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 84 Resp: 146868
Ion Ratio Lower Upper
84 100
49 108.5 88.3 132.5
51 33.4 26.2 39.2
86 63.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.005 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

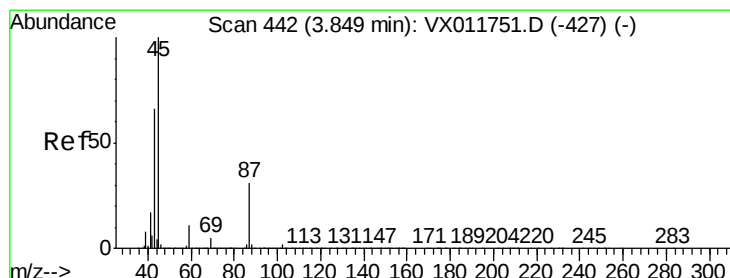
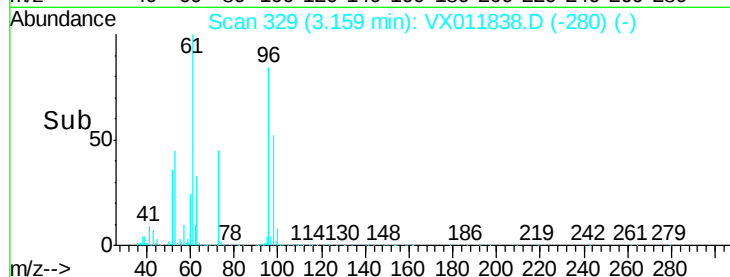
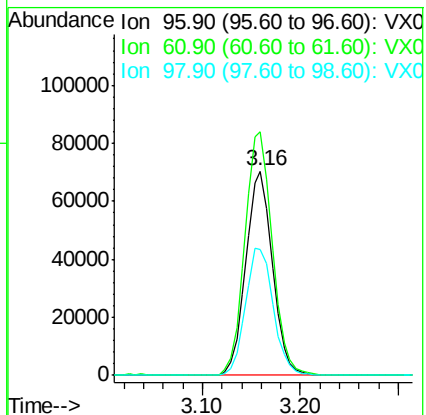
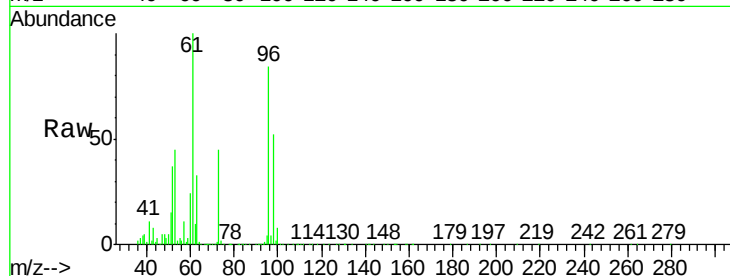
Tot Ion: 96 Resp: 133781

Ion Ratio Lower Upper

96 100

61 118.9 99.8 149.8

98 61.4 50.3 75.5



#22

Diisopropyl ether

Concen: 56.250 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Tgt Ion: 45 Resp: 422865

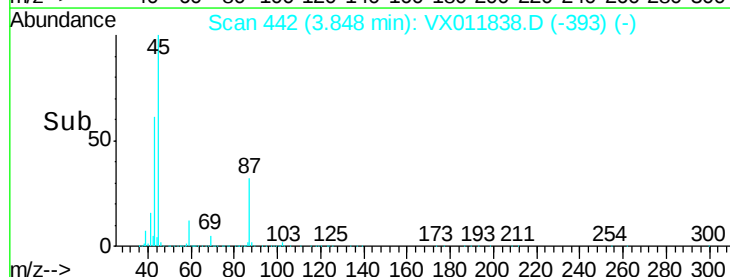
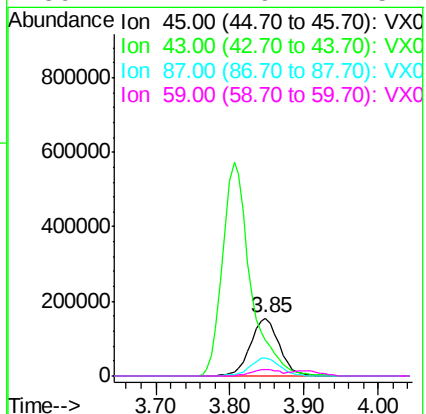
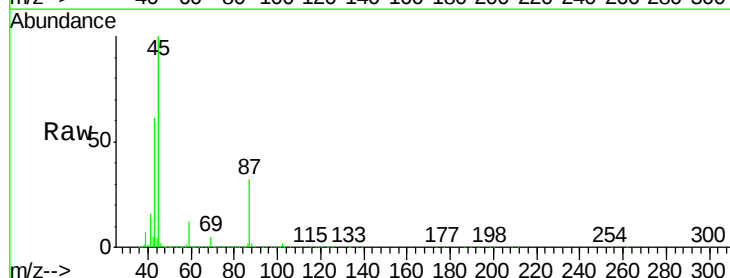
Ion Ratio Lower Upper

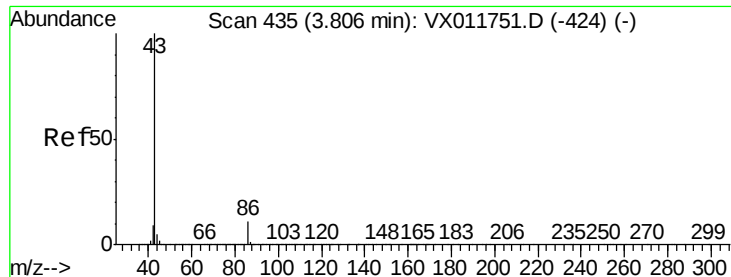
45 100

43 61.1 53.0 79.6

87 31.9 24.7 37.1

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 241.884 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

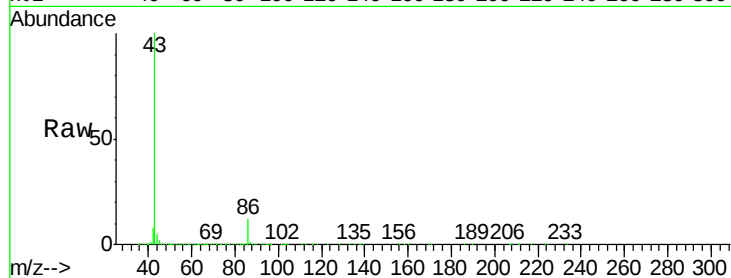
VSTDCCC050EC

Tot Ion: 43 Resp: 1505547

Ion Ratio Lower Upper

43 100

86 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

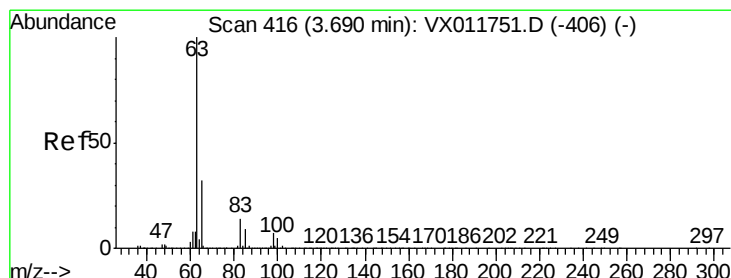
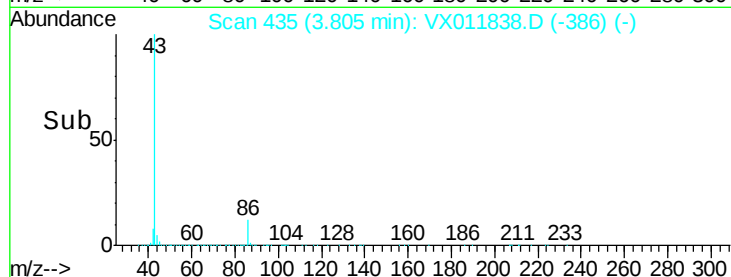
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.913 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

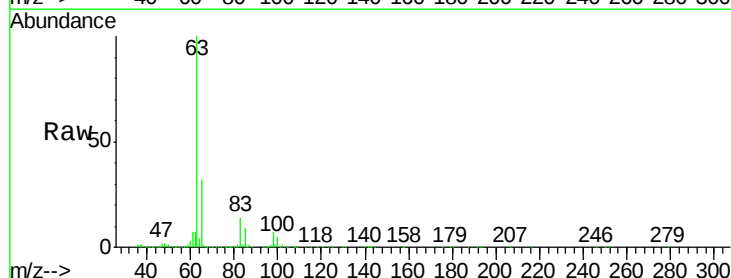
Tgt Ion: 63 Resp: 230419

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.0 2.3 6.9



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

3.69

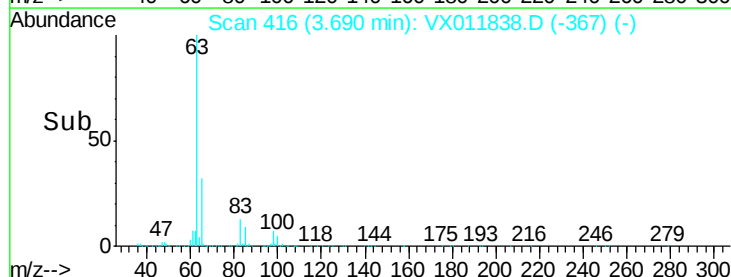
100000

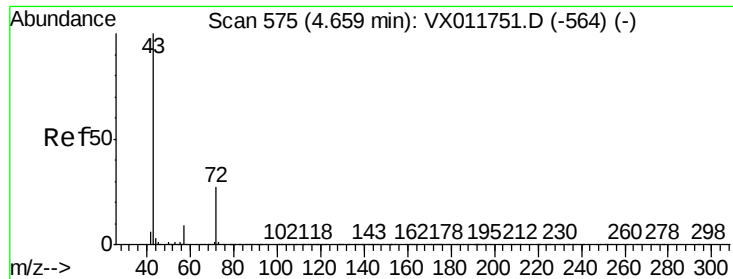
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 260.904 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

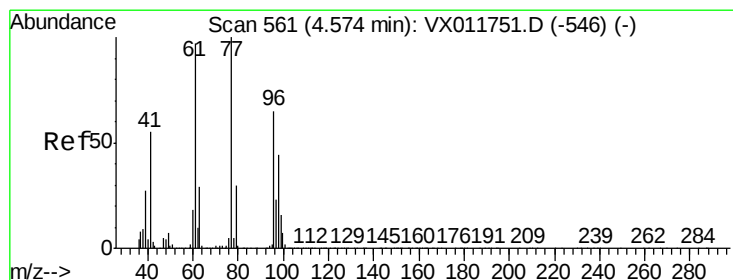
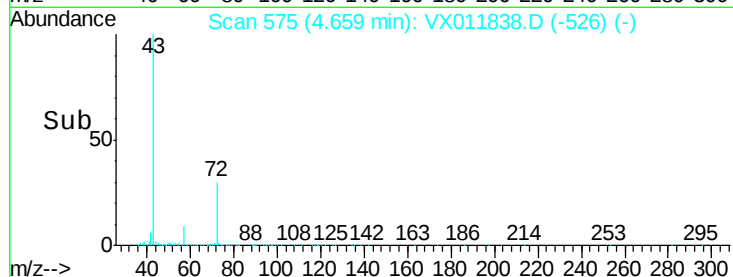
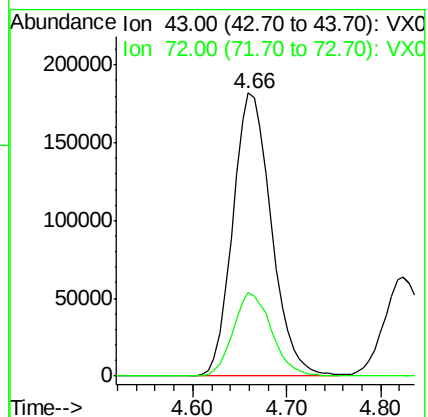
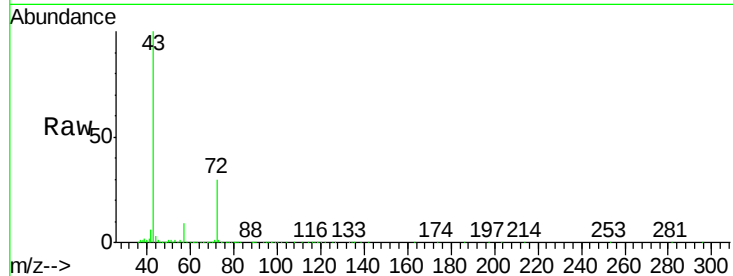
VSTDCCC050EC

Tot Ion: 43 Resp: 516433

Ion Ratio Lower Upper

43 100

72 29.4 21.8 32.6



#26

2,2-Dichloropropane

Concen: 16.148 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011838.D

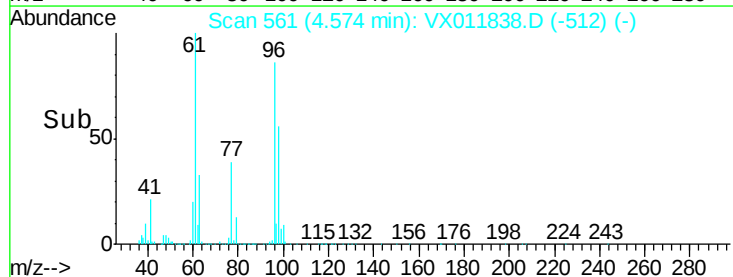
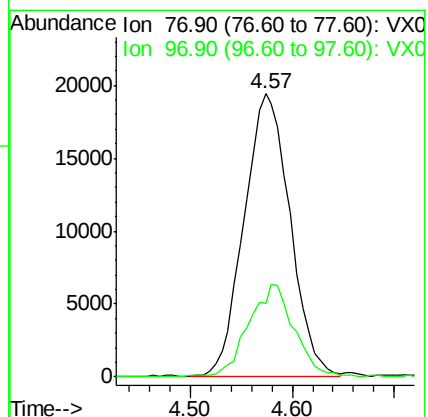
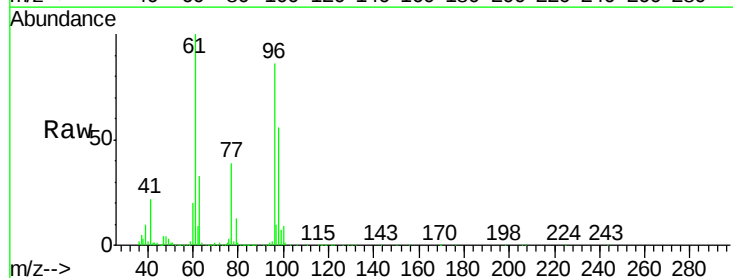
Acq: 24 Aug 2019 22:54

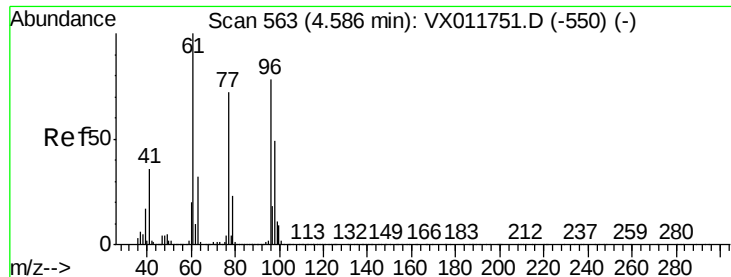
Tgt Ion: 77 Resp: 60868

Ion Ratio Lower Upper

77 100

97 32.2 12.2 36.6



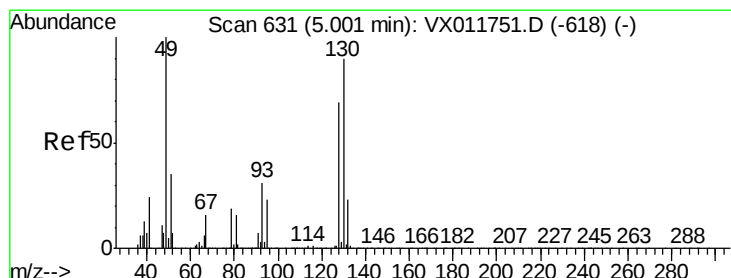
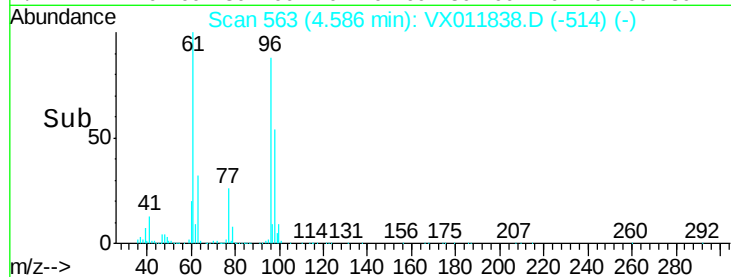
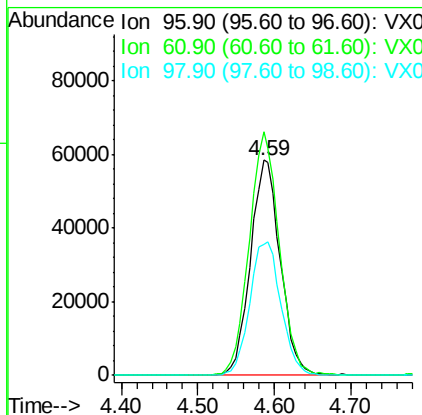
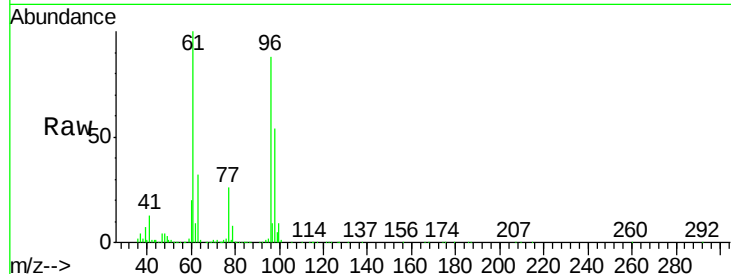


#27

cis-1,2-Dichloroethene
Concen: 51.800 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

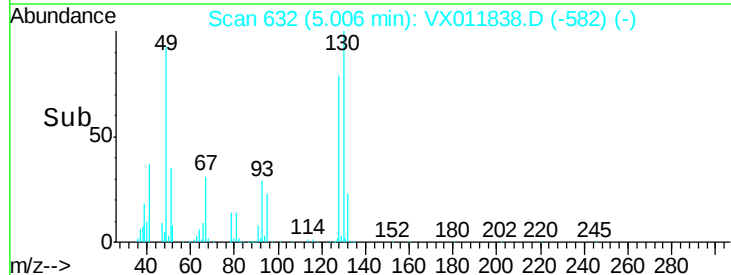
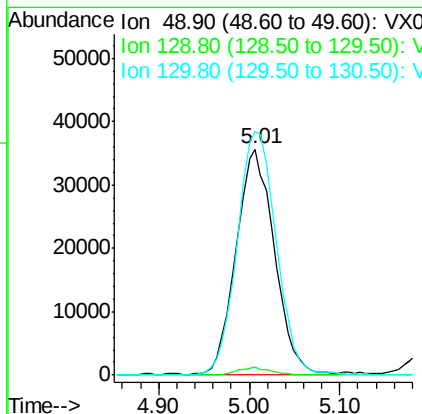
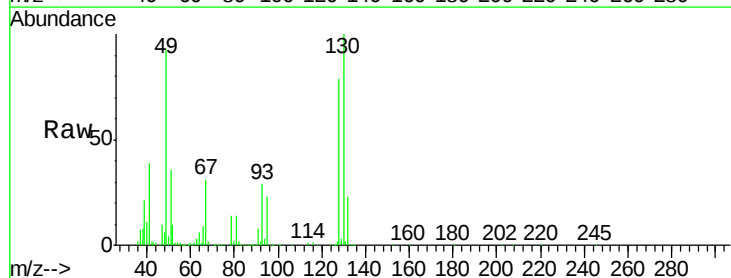
Tot Ion: 96 Resp: 158924
Ion Ratio Lower Upper
96 100
61 114.0 0.0 275.8
98 64.9 0.0 128.2

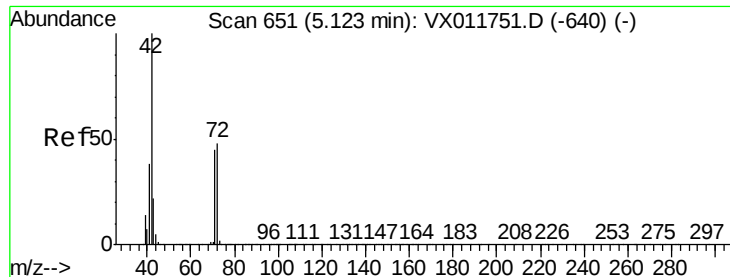


#28

Bromochloromethane
Concen: 51.505 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 49 Resp: 103773
Ion Ratio Lower Upper
49 100
129 3.2 0.0 5.8
130 111.0 76.8 115.2





#29

Tetrahydrofuran

Concen: 268.293 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

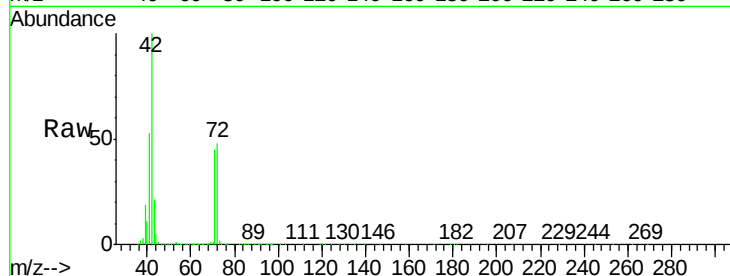
Tot Ion: 42 Resp: 340421

Ion Ratio Lower Upper

42 100

72 49.6 37.6 56.4

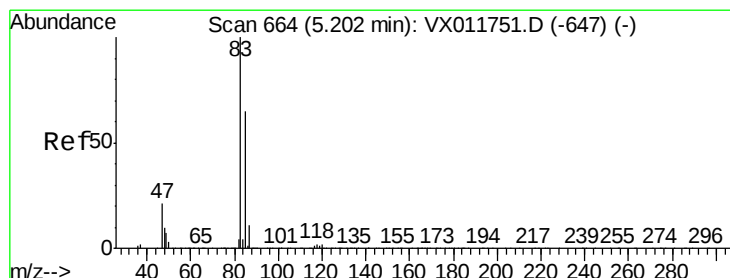
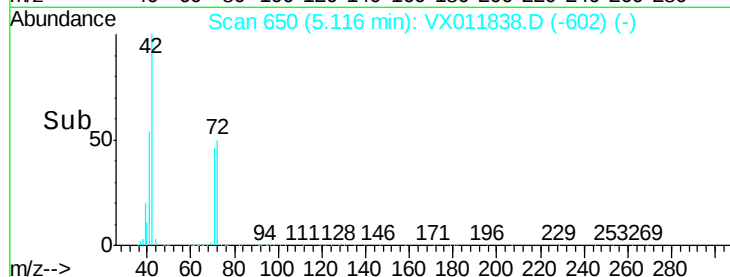
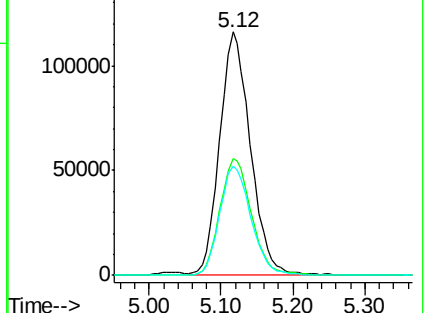
71 45.9 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.947 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011838.D

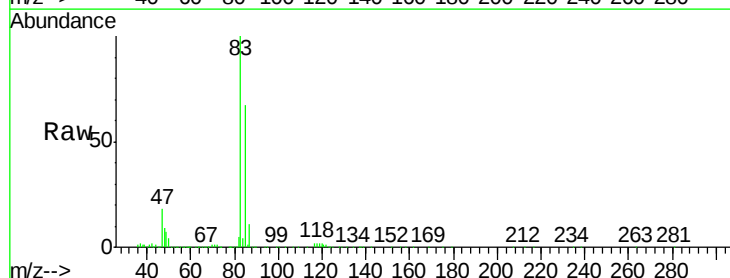
Acq: 24 Aug 2019 22:54

Tgt Ion: 83 Resp: 235704

Ion Ratio Lower Upper

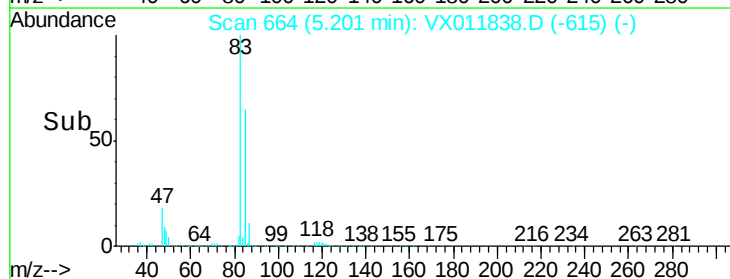
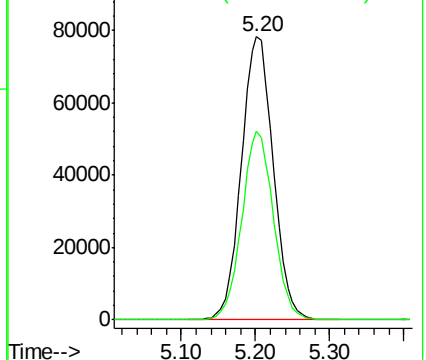
83 100

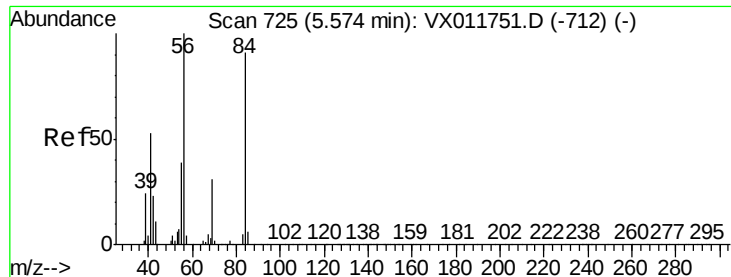
85 66.5 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 36.569 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

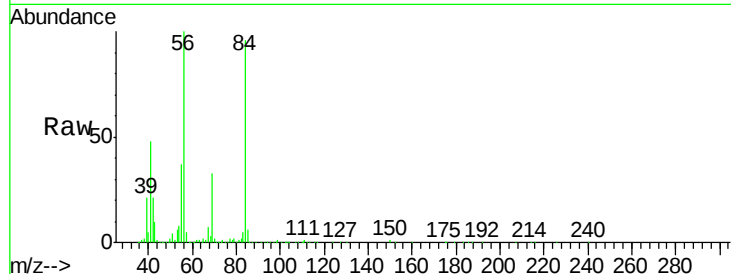
Tot Ion: 56 Resp: 142548

Ion Ratio Lower Upper

56 100

69 33.3 24.5 36.7

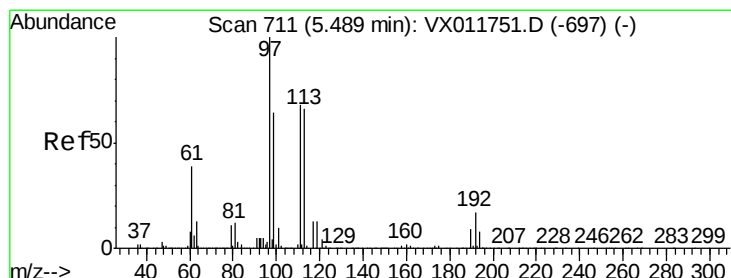
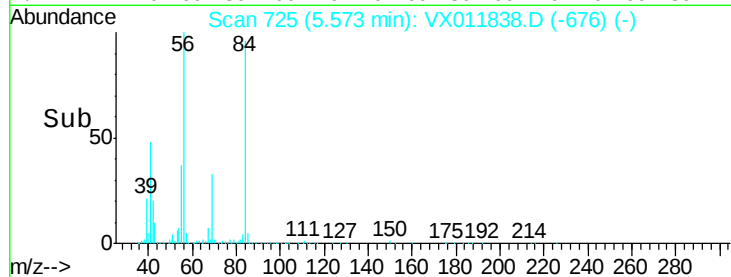
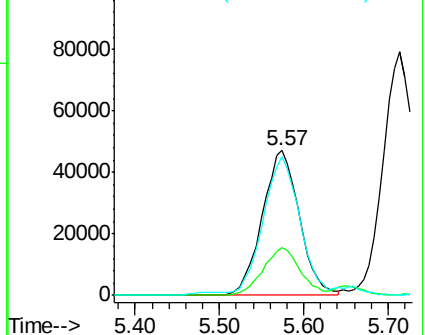
84 95.4 72.7 109.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.643 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

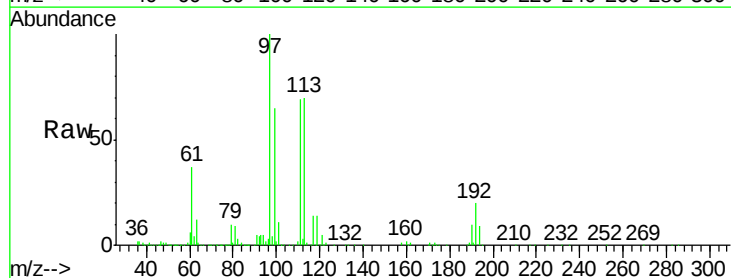
Tgt Ion: 97 Resp: 195245

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

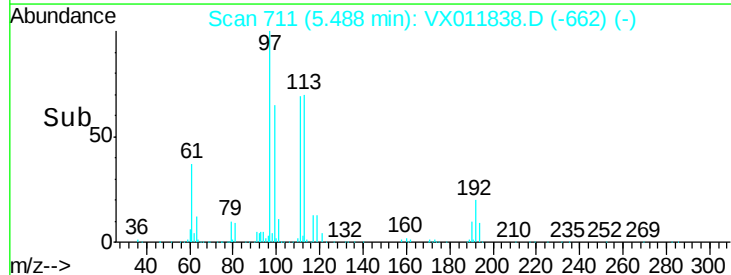
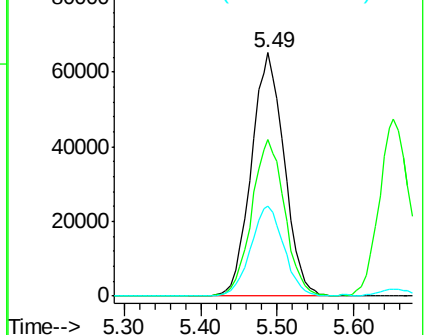
61 37.2 31.6 47.4

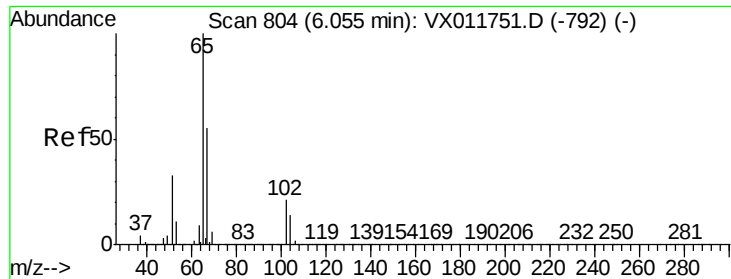


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

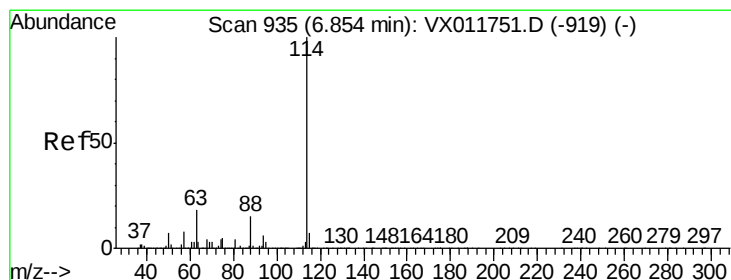
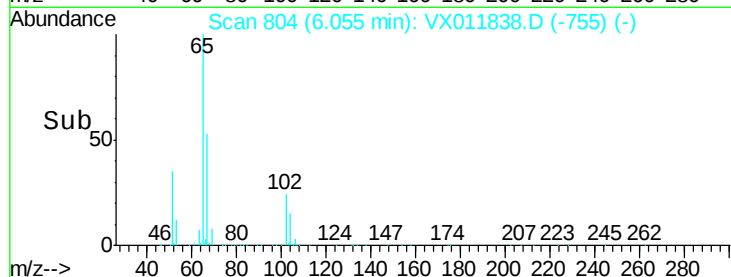
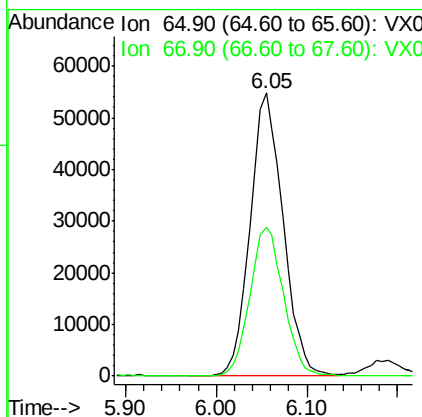
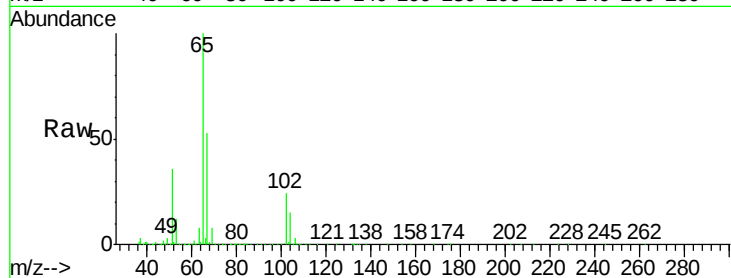




#33
 1,2-Dichloroethane-d4
 Concen: 43.565 ug/l
 RT: 6.05 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

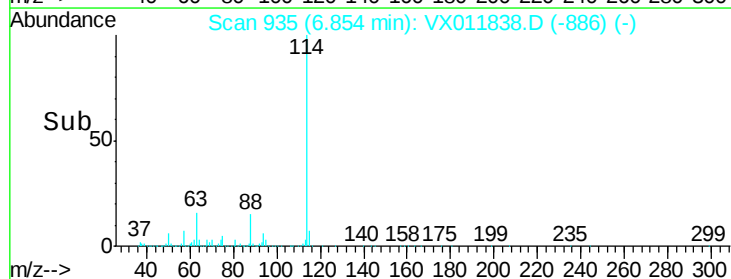
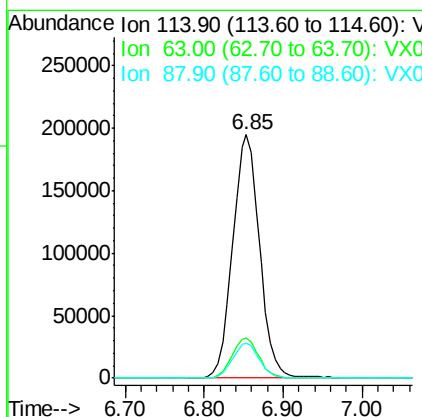
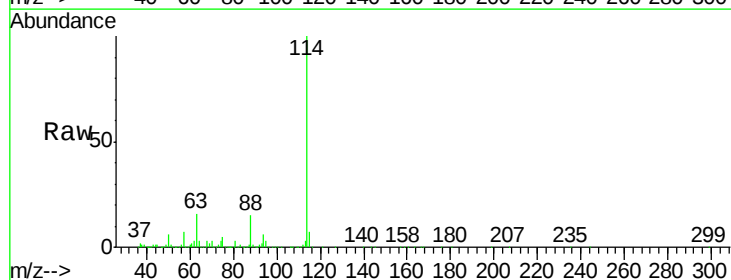
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

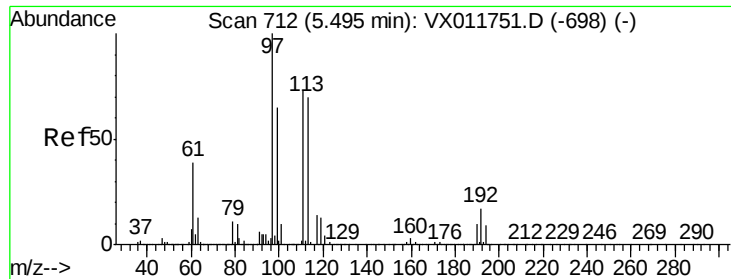
Tot Ion: 65 Resp: 138106
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Tgt Ion: 114 Resp: 460460
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 36.8
 88 14.6 0.0 30.2

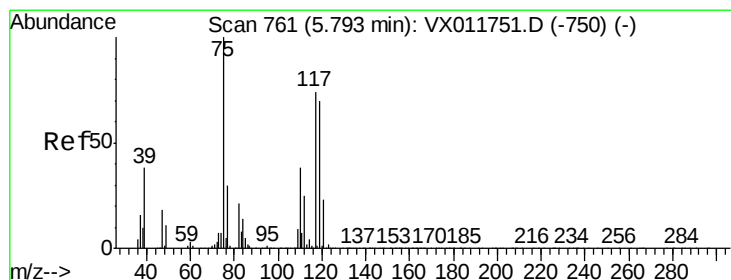
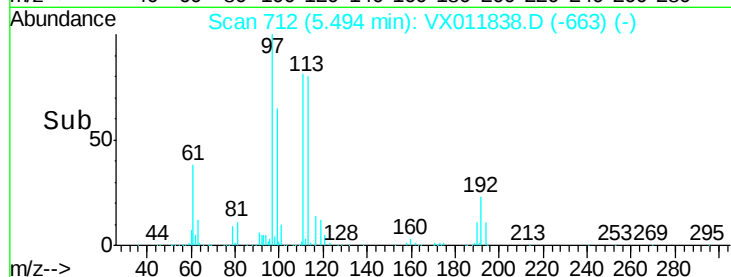
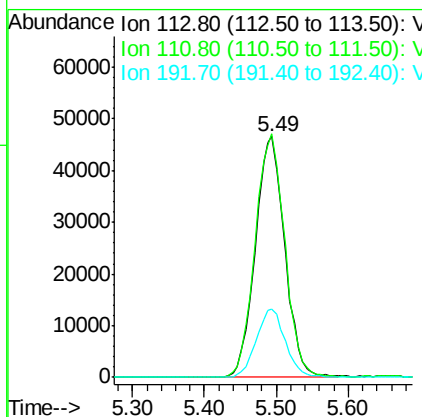
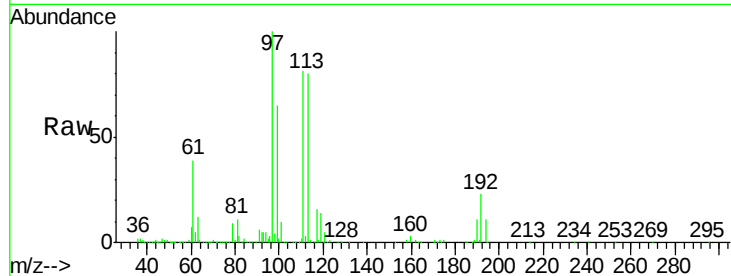




#35
 Dibromofluoromethane
 Concen: 44.362 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

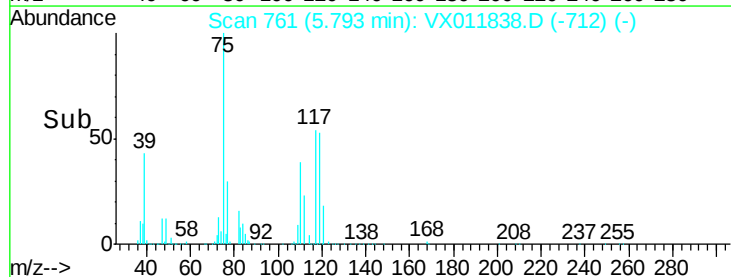
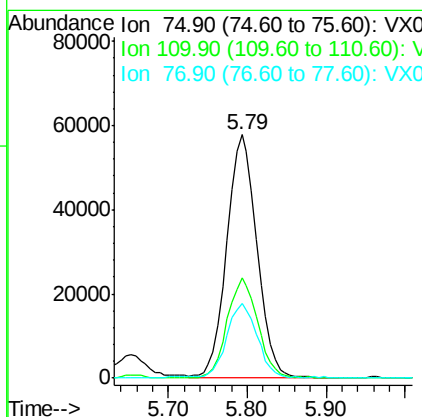
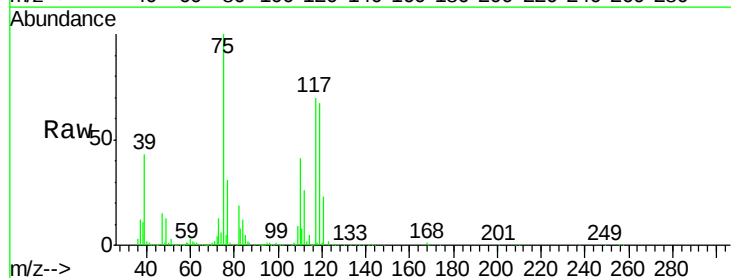
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

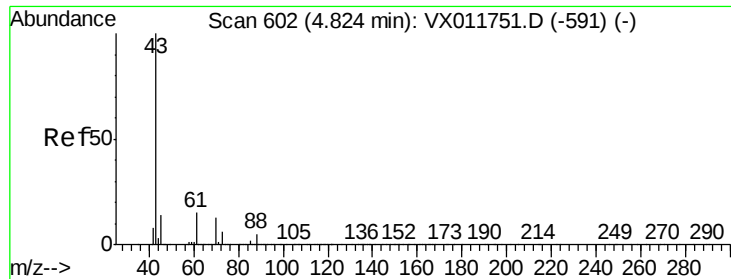
Tot Ion:113 Resp: 132089
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.0 121.4
 192 28.0 19.9 29.9



#36
 1,1-Dichloropropene
 Concen: 42.355 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Tgt Ion: 75 Resp: 152936
 Ion Ratio Lower Upper
 75 100
 110 42.1 19.0 57.0
 77 31.0 24.6 36.8

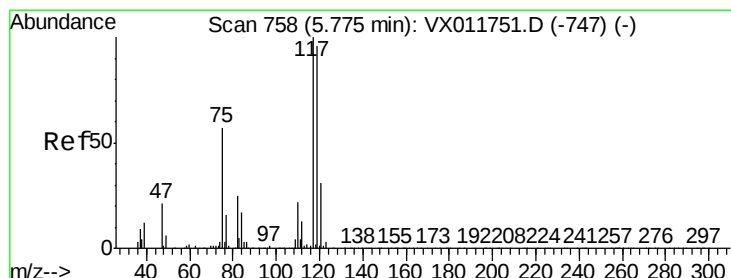
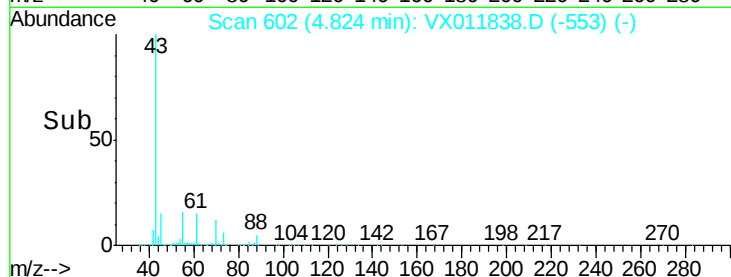
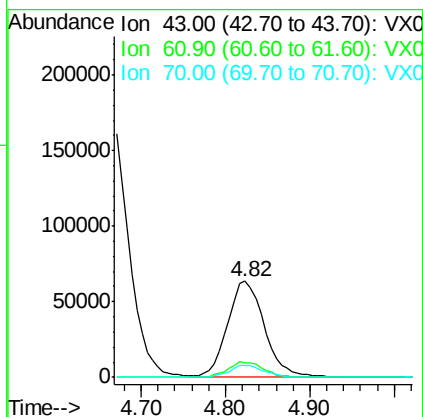
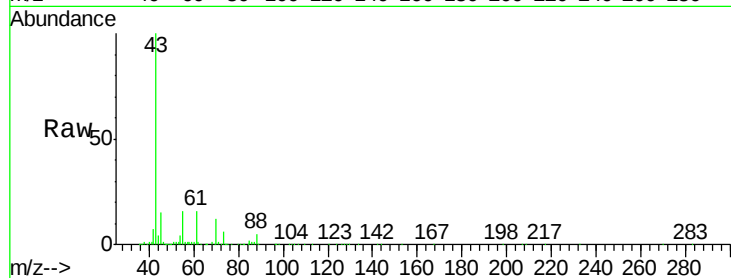




#37
Ethyl Acetate
Concen: 48.606 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

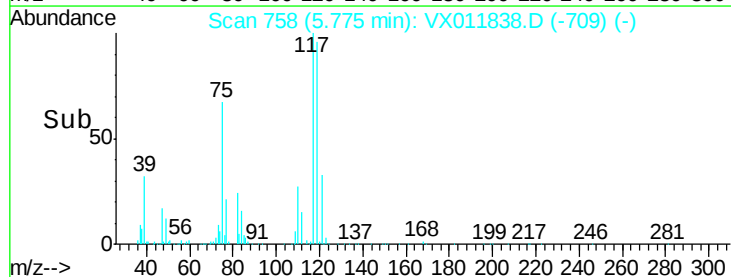
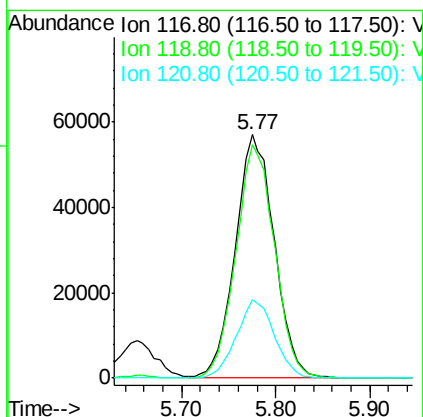
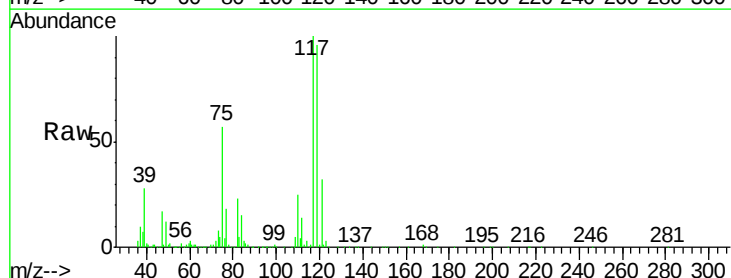
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

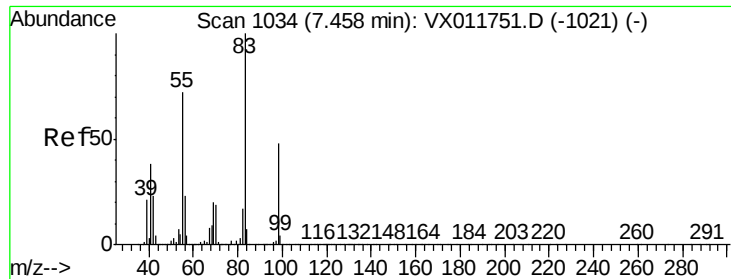
Tot Ion: 43 Resp: 185730
Ion Ratio Lower Upper
43 100
61 15.5 11.5 17.3
70 12.1 9.5 14.3



#38
Carbon Tetrachloride
Concen: 39.960 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 117 Resp: 163523
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
121 32.1 25.2 37.8

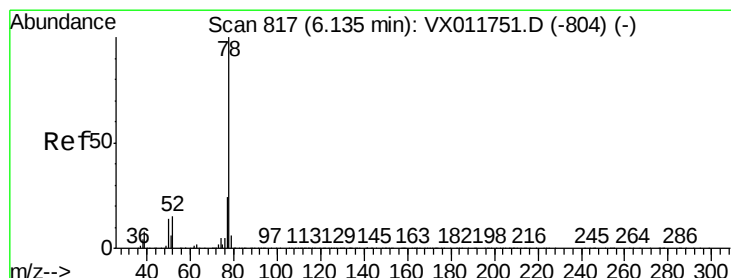
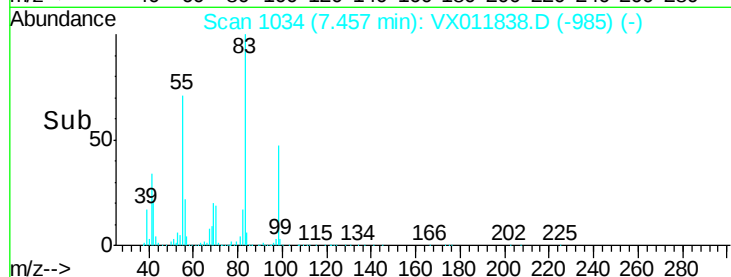
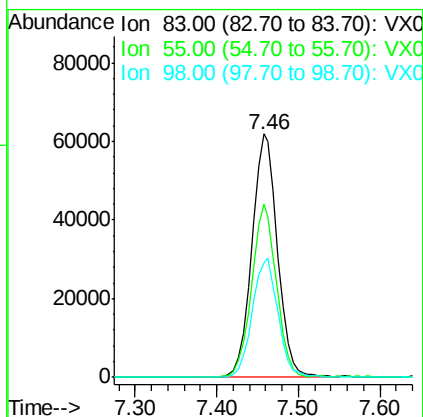
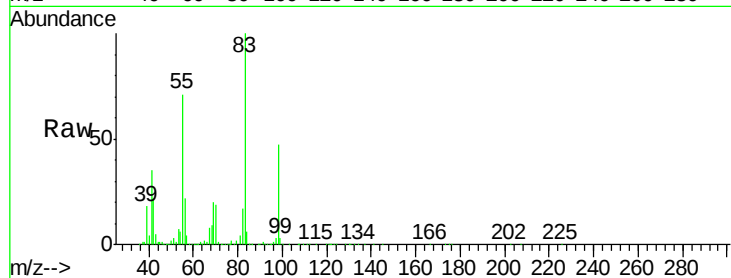




#39
Methvlcvclohexane
Concen: 30.409 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

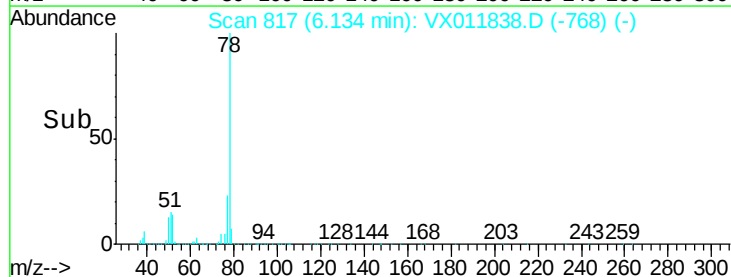
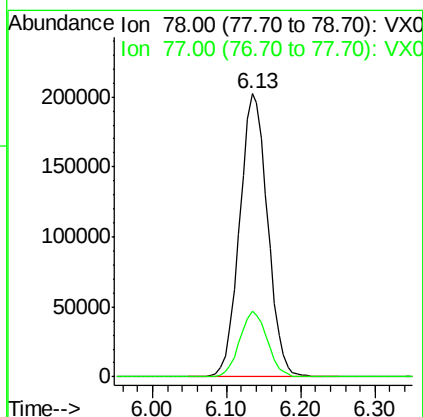
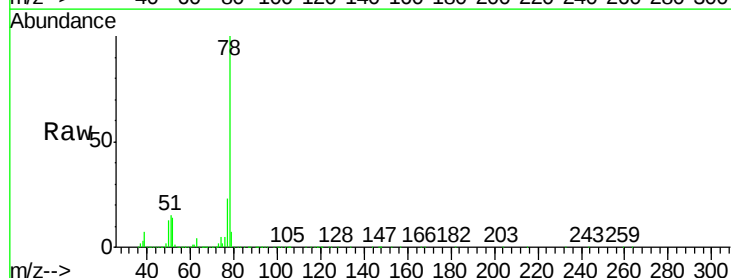
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

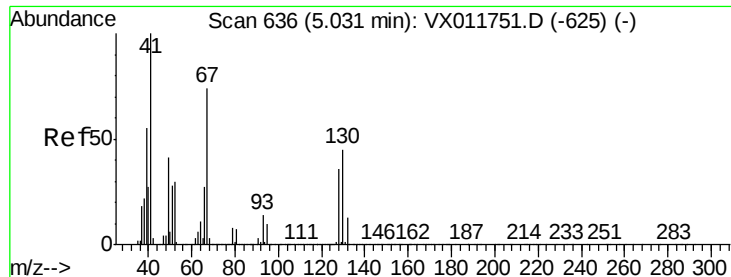
Tot Ion	83	Resp	136064
Ion Ratio	Lower	Upper	
83	100		
55	71.1	57.8	86.6
98	46.8	38.6	58.0



#40
Benzene
Concen: 47.826 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion	78	Resp	534212
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.1	28.7

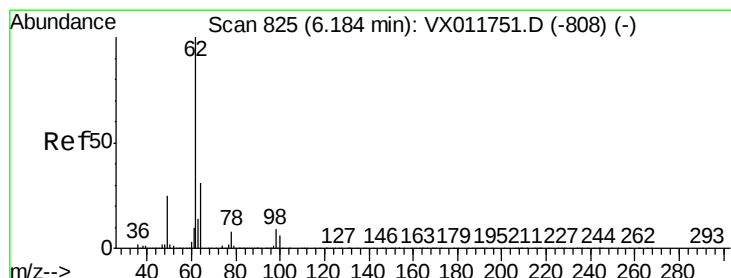
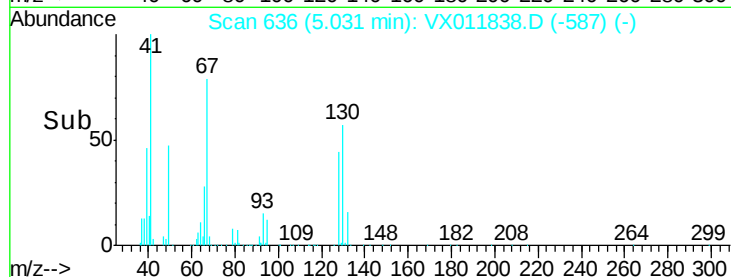
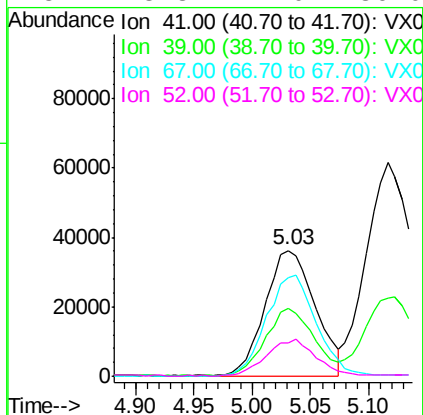
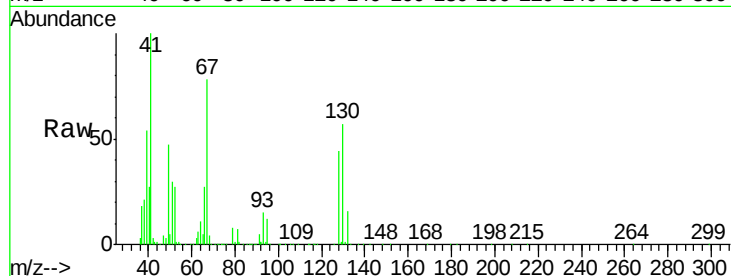




#41
Methacrylonitrile
Concen: 48.801 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

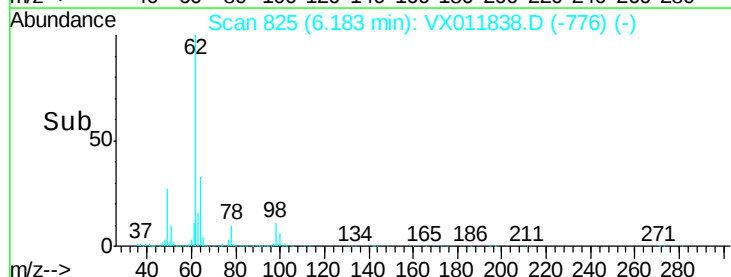
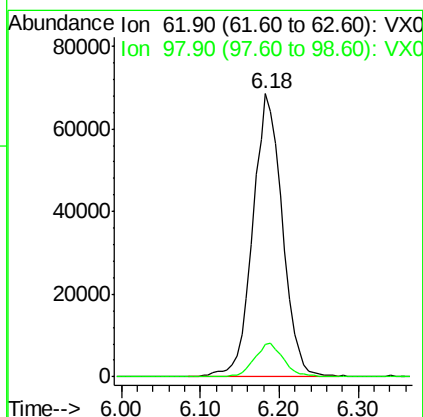
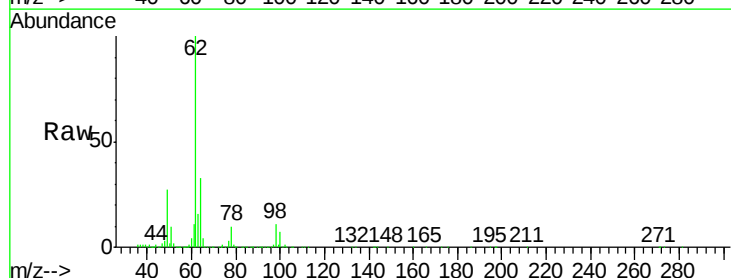
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

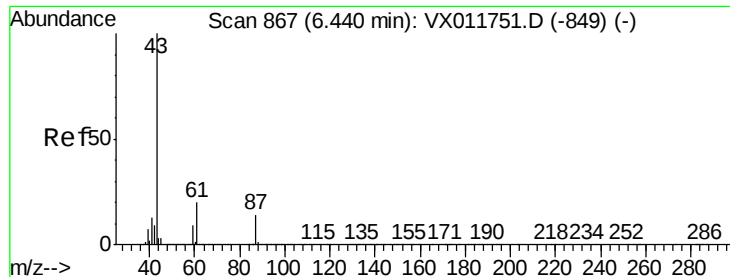
Tot Ion:	41	Resp:	108451
Ion	Ratio	Lower	Upper
41	100		
39	51.8	44.3	66.5
67	80.5	60.3	90.5
52	28.3	24.0	36.0



#42
1,2-Dichloroethane
Concen: 43.397 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion:	62	Resp:	177200
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	18.8



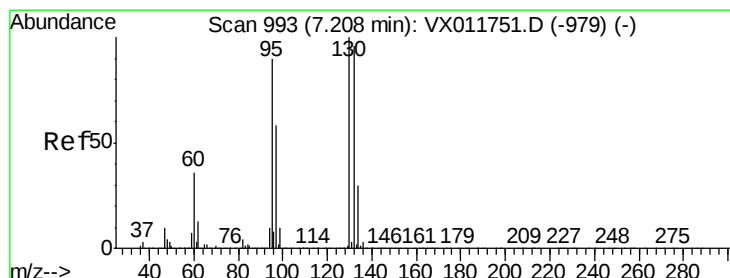
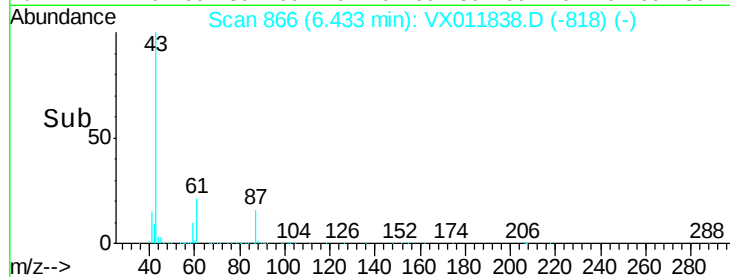
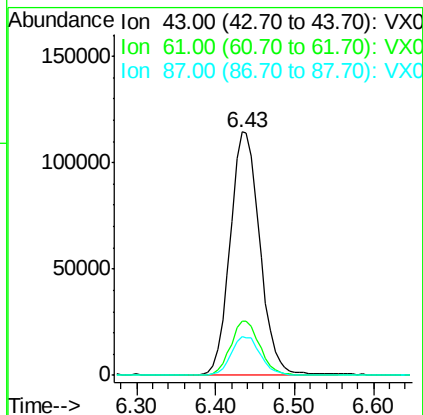
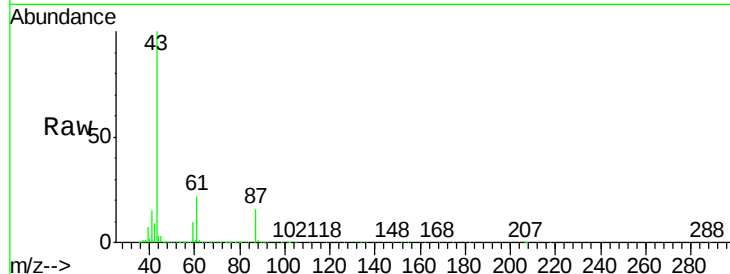


#43

Isopropyl Acetate
 Concen: 48.295 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

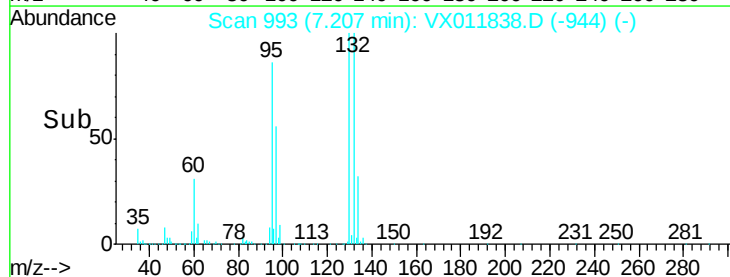
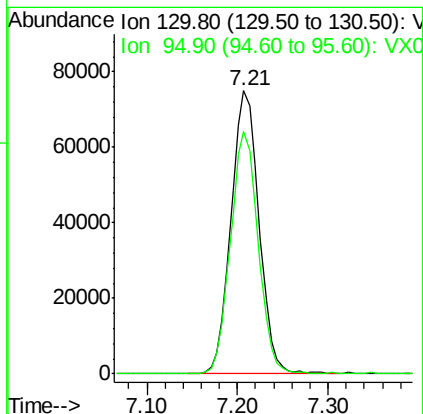
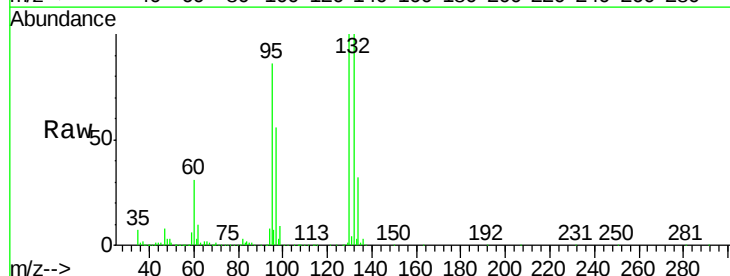
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.2	24.2
87	15.8	11.6	17.4

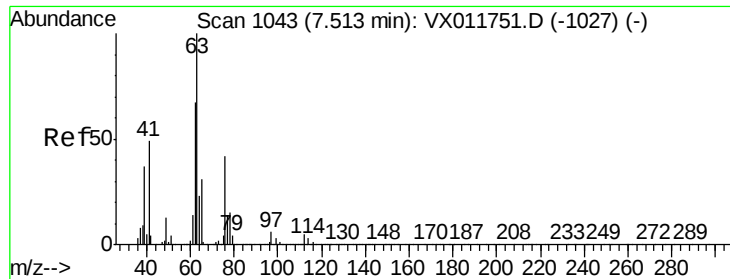


#44

Trichloroethene
 Concen: 46.748 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.6	0.0	179.0

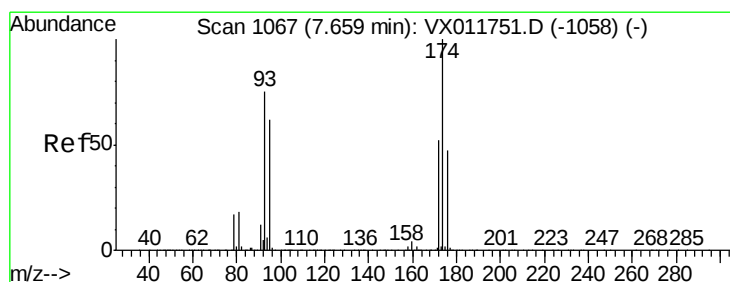
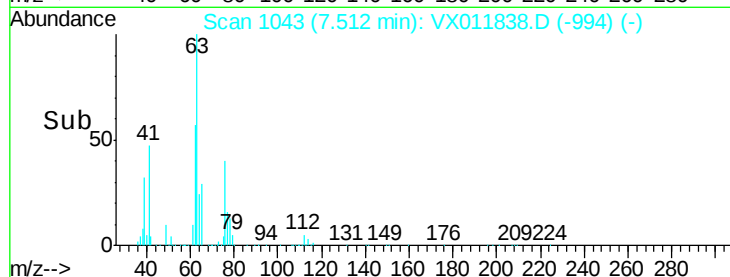
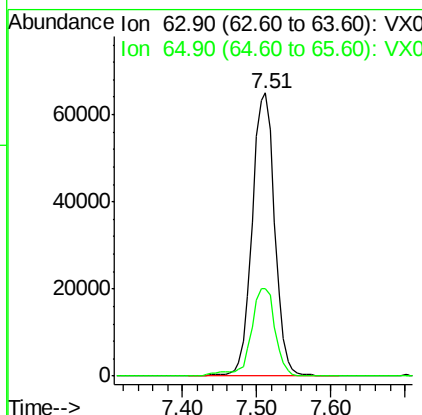
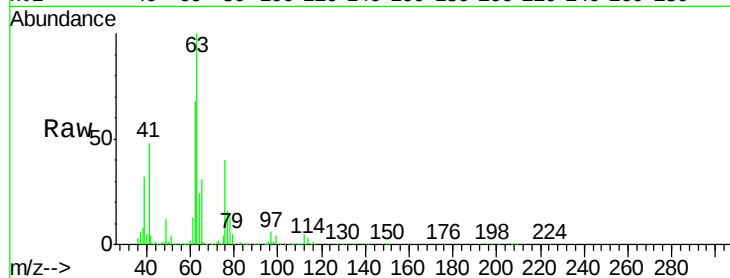




#45
 1,2-Dichloropropane
 Concen: 49.066 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

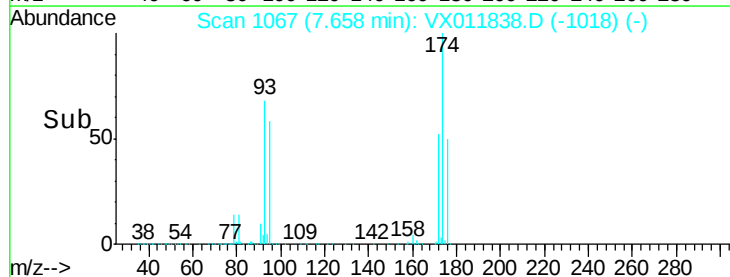
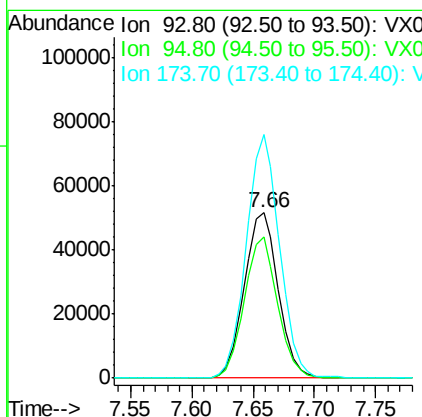
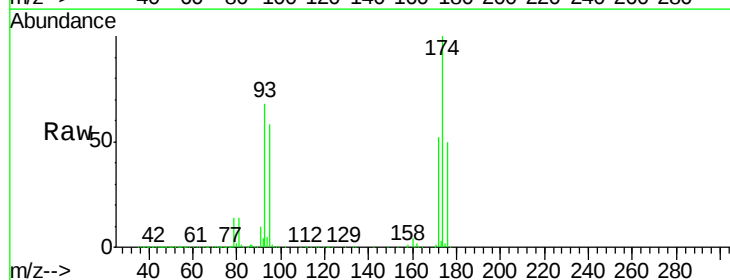
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

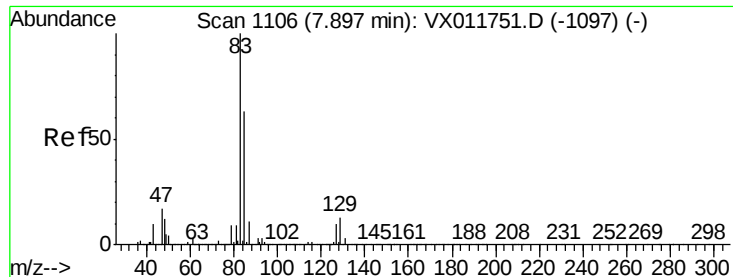
Tot Ion: 63 Resp: 137758
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 48.328 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Tgt Ion: 93 Resp: 100035
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.2 99.2
 174 144.4 104.2 156.4





#47

Bromodichloromethane

Concen: 48.502 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

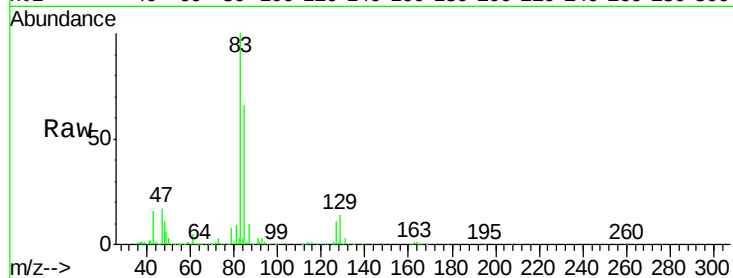
Tot Ion: 83 Resp: 180727

Ion Ratio Lower Upper

83 100

85 66.1 50.6 76.0

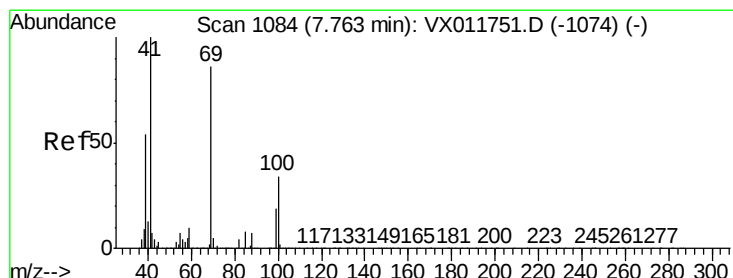
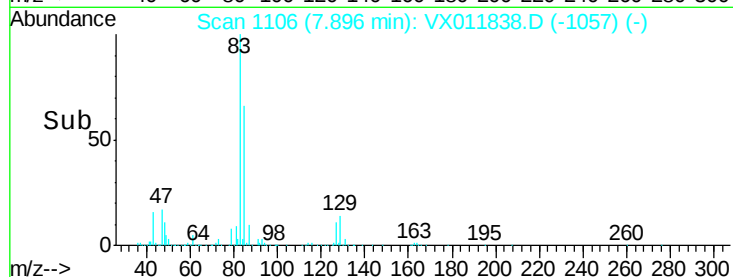
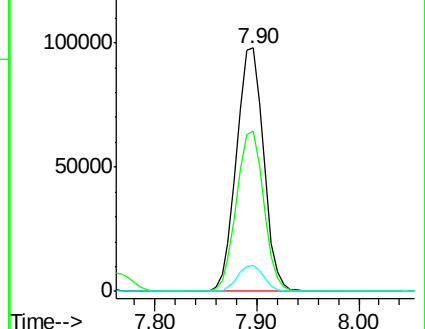
127 10.7 8.4 12.6



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: 48.806 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

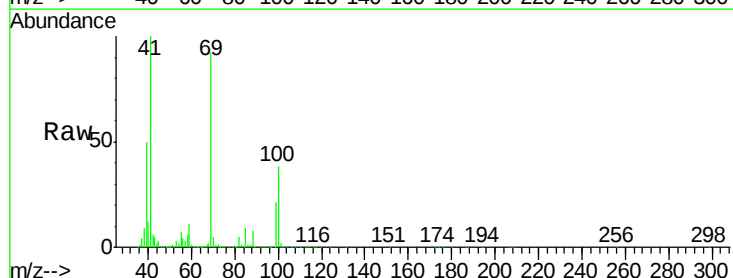
Tgt Ion: 41 Resp: 150220

Ion Ratio Lower Upper

41 100

69 92.8 69.4 104.2

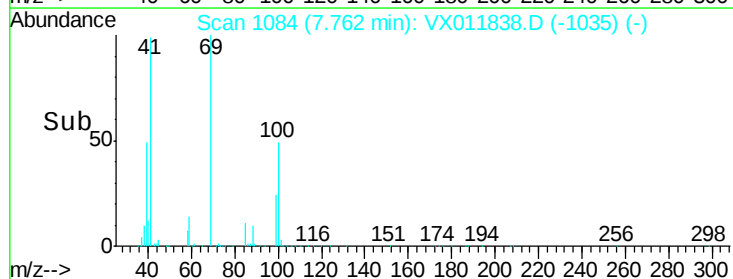
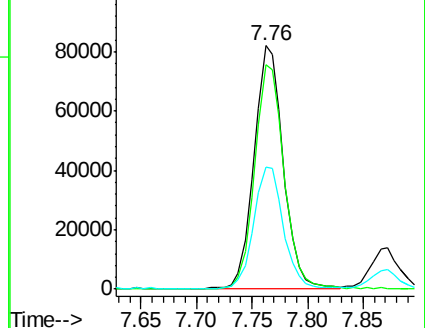
39 50.8 43.6 65.4

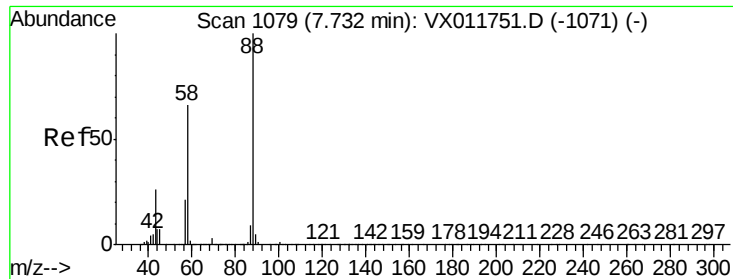


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 989.379 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

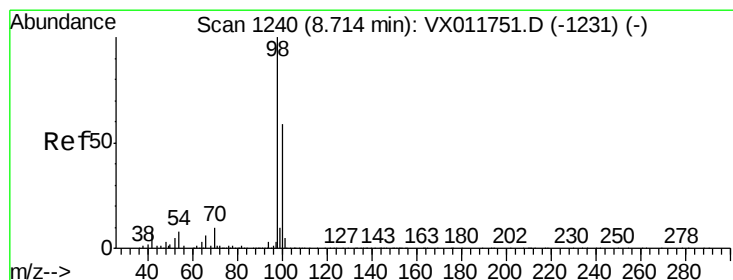
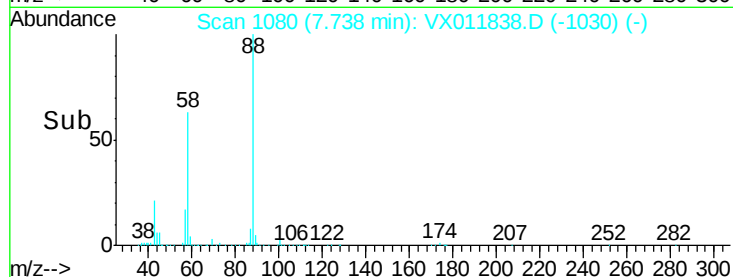
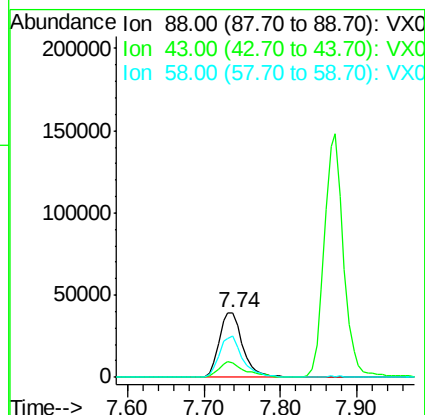
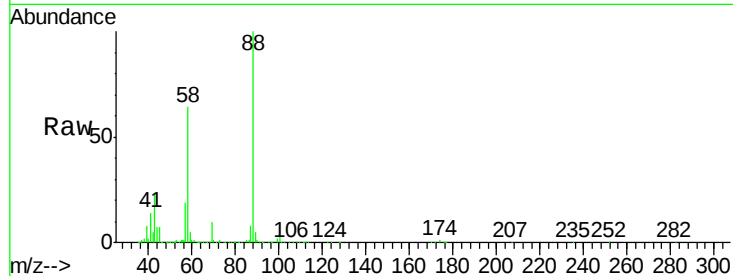
Tot Ion: 88 Resp: 84373

Ion Ratio Lower Upper

88 100

43 25.8 24.6 37.0

58 62.3 51.4 77.2



#50

Toluene-d8

Concen: 44.172 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011838.D

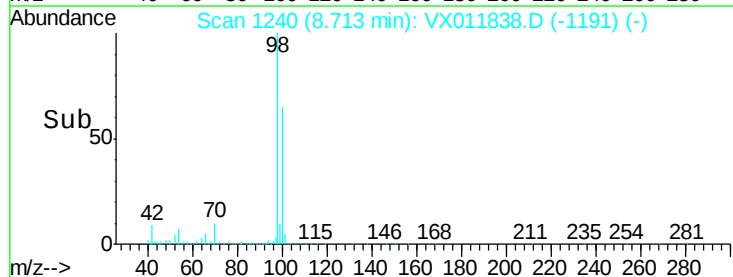
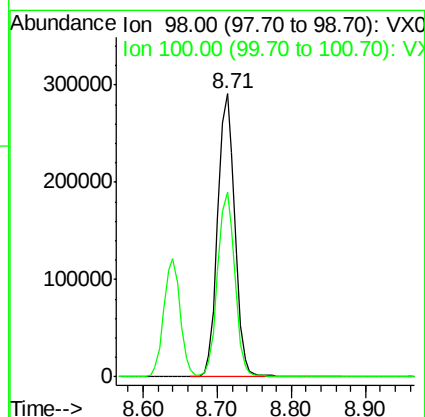
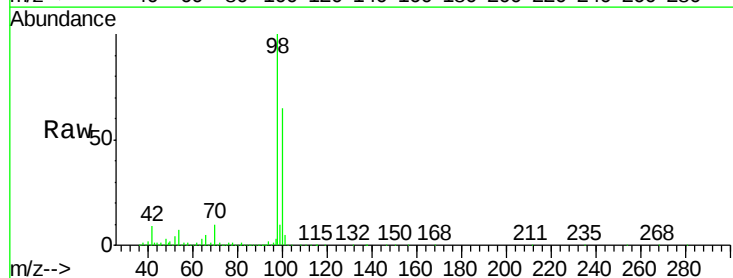
Acq: 24 Aug 2019 22:54

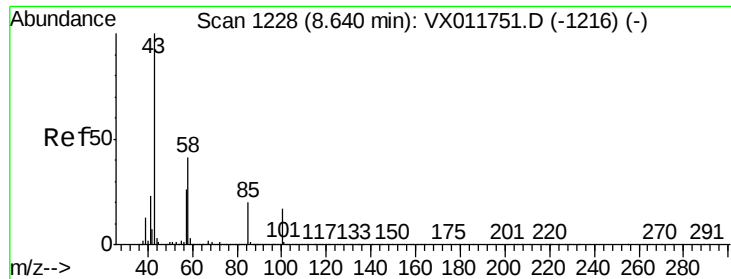
Tgt Ion: 98 Resp: 458755

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1

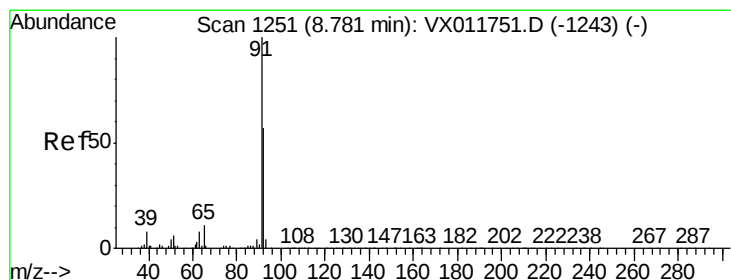
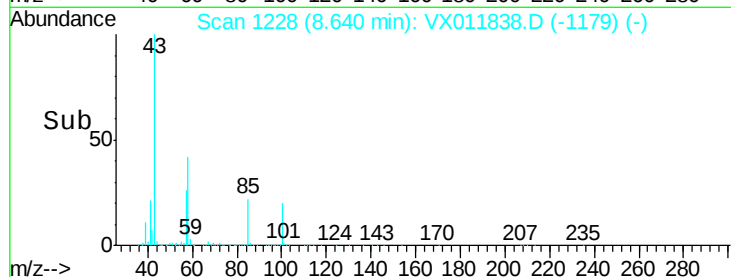
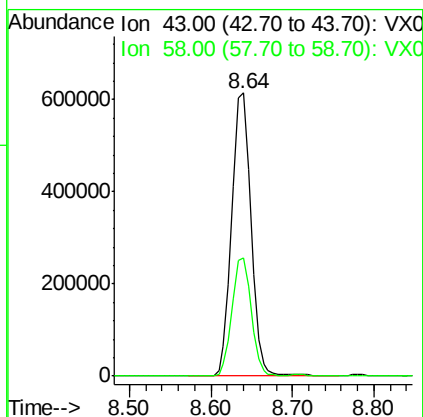
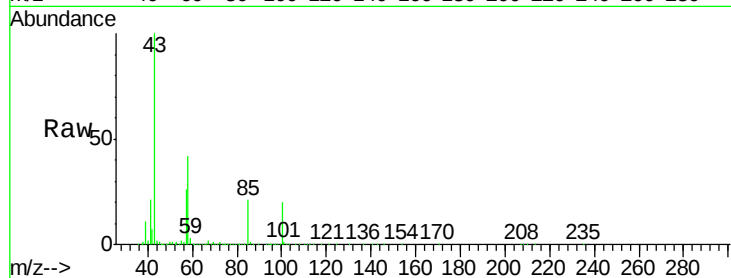




#51
4-Methyl-2-Pentanone
Concen: 245.883 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

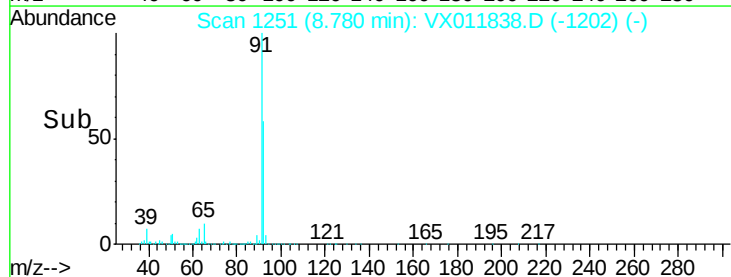
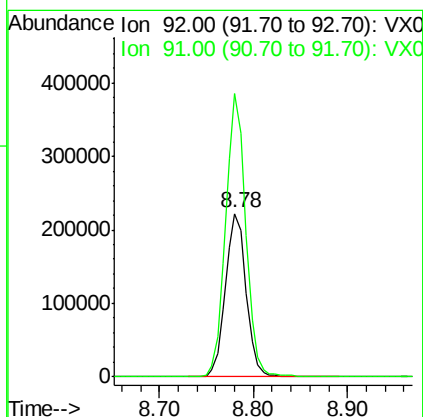
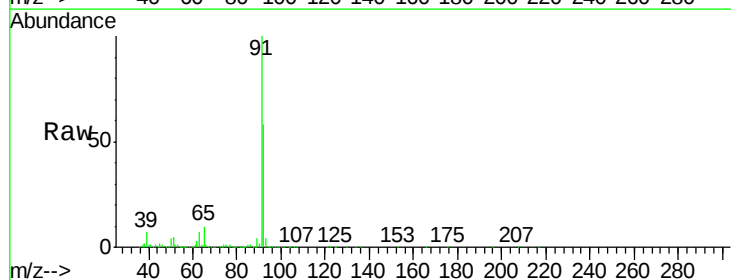
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

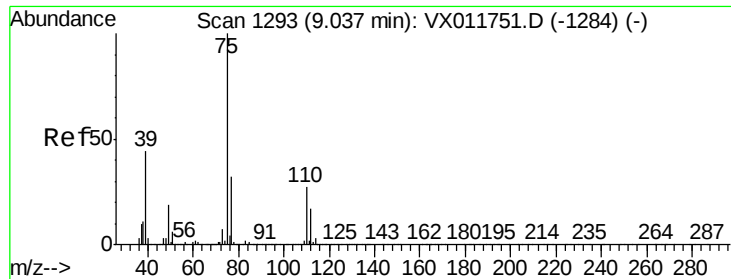
Tot Ion: 43 Resp: 1002022
Ion Ratio Lower Upper
43 100
58 41.6 31.8 47.6



#52
Toluene
Concen: 46.900 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 92 Resp: 339010
Ion Ratio Lower Upper
92 100
91 169.5 138.6 207.8

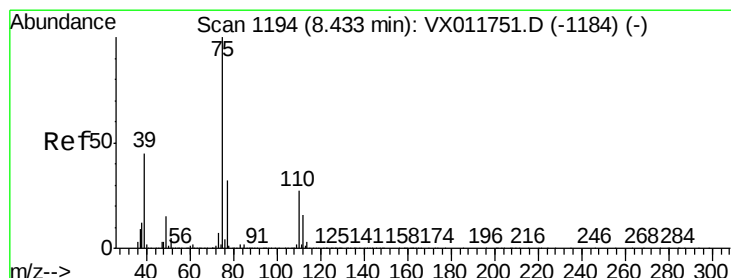
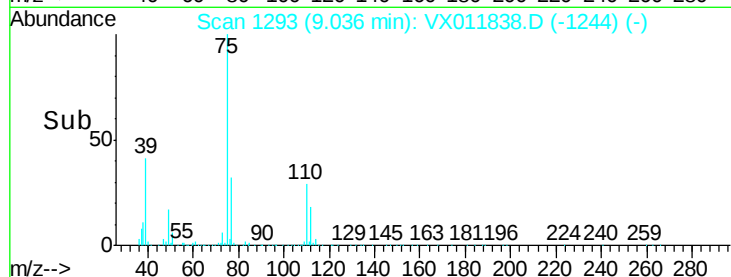
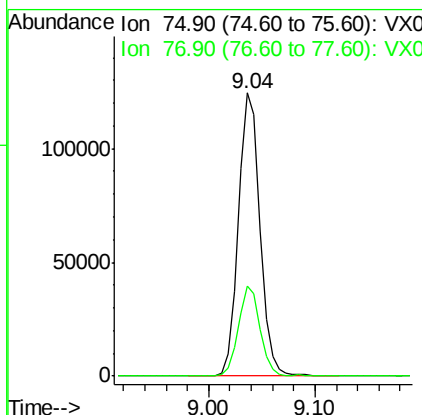
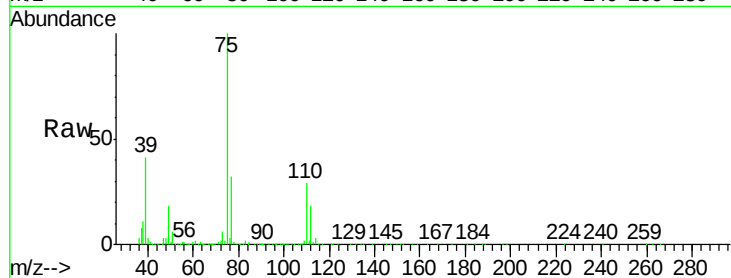




#53
t-1,3-Dichloropropene
Concen: 45.307 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

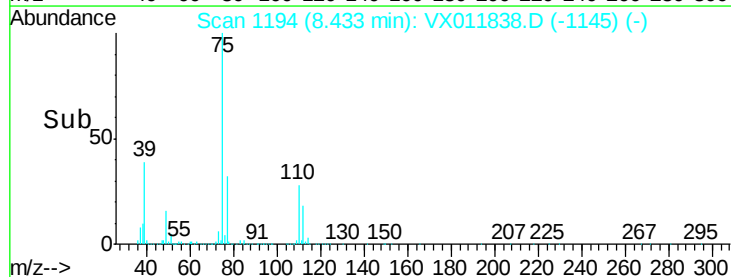
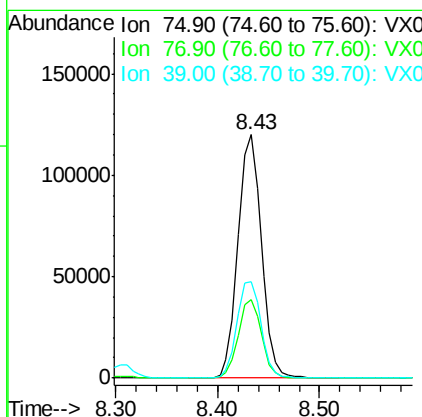
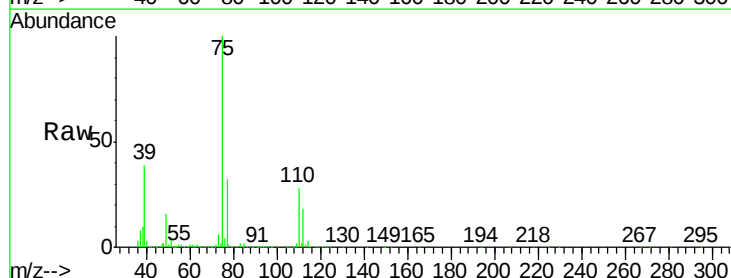
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

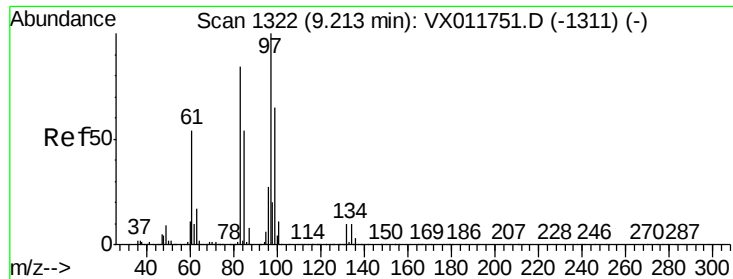
Tot Ion: 75 Resp: 177226
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 44.712 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 75 Resp: 190798
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
39 39.3 36.2 54.4

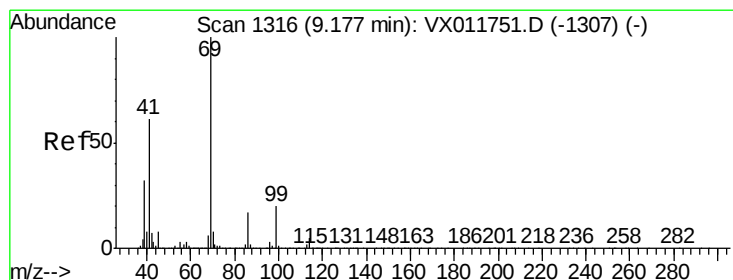
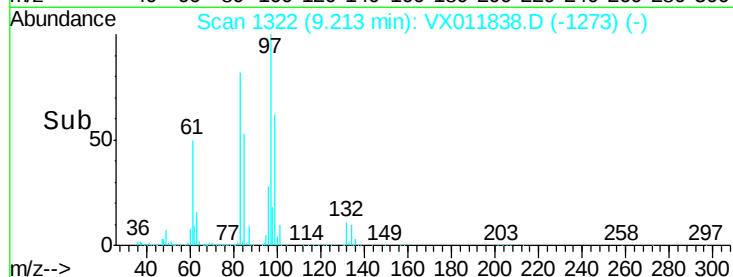
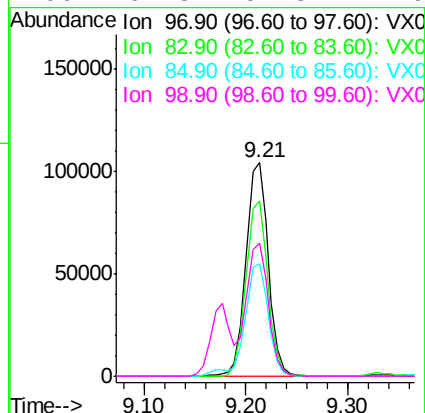
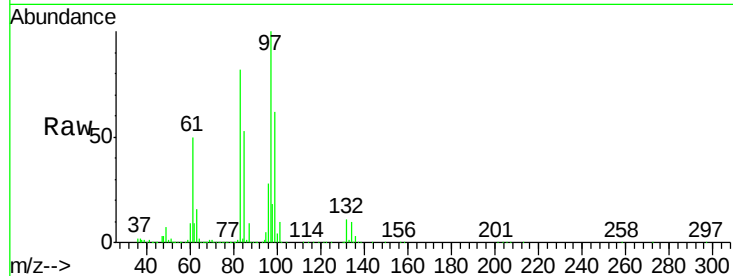




#55
1,1,2-Trichloroethane
Concen: 52.338 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

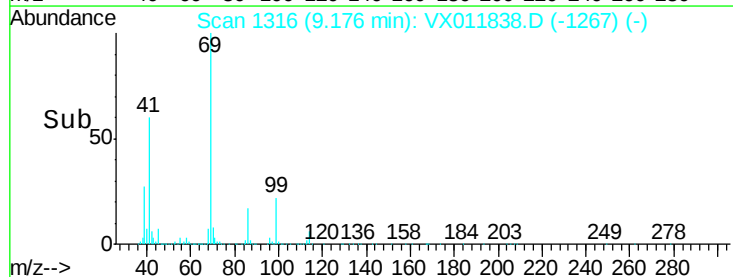
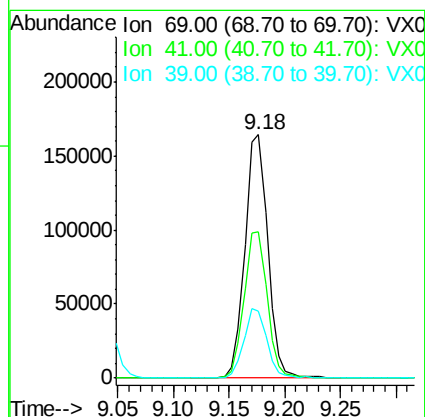
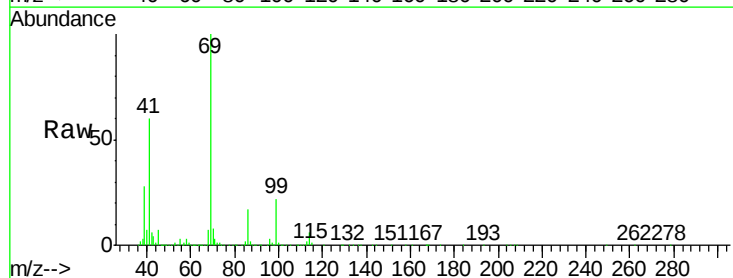
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

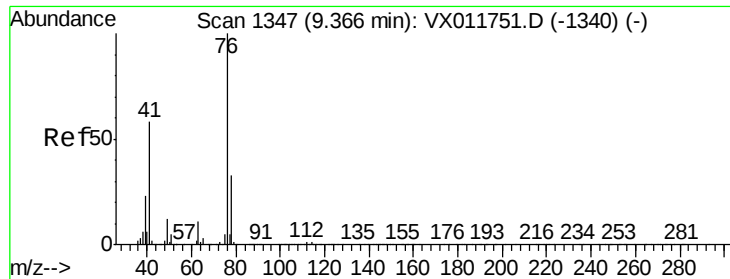
Tot Ion:	97	Resp:	157616
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.3	100.9
85	52.9	43.4	65.2
99	62.3	51.8	77.6



#56
Ethyl methacrylate
Concen: 54.671 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion:	69	Resp:	234148
Ion	Ratio	Lower	Upper
69	100		
41	60.8	50.7	76.1
39	28.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 49.035 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

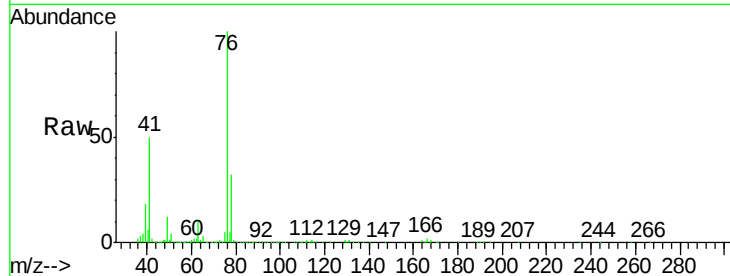
VSTDCCC050EC

Tot Ion: 76 Resp: 238441

Ion Ratio Lower Upper

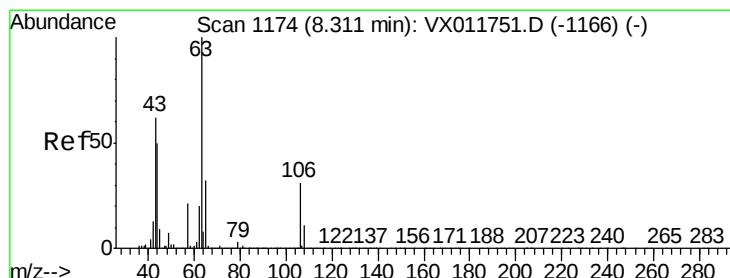
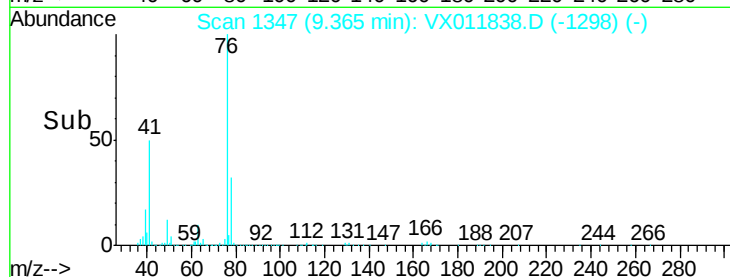
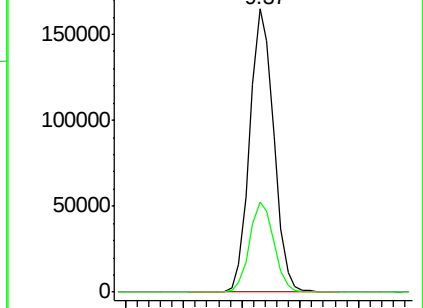
76 100

78 32.3 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.582 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011838.D

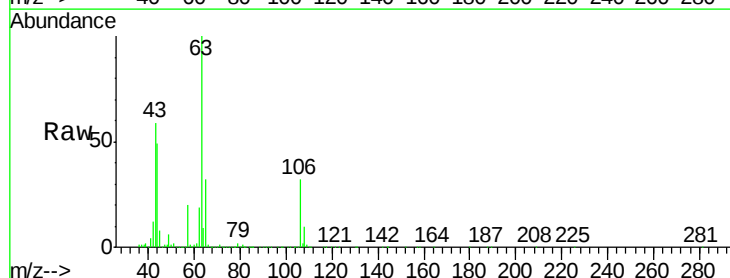
Acq: 24 Aug 2019 22:54

Tgt Ion: 63 Resp: 596086

Ion Ratio Lower Upper

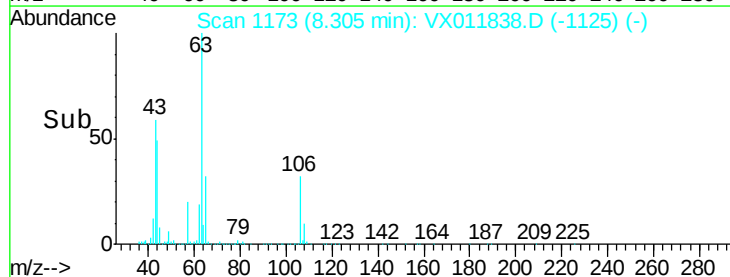
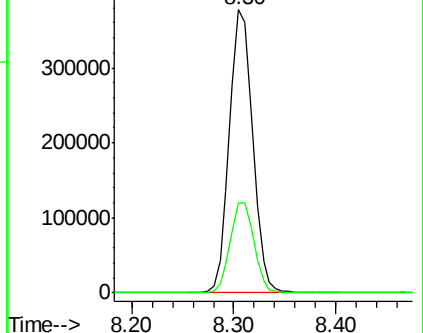
63 100

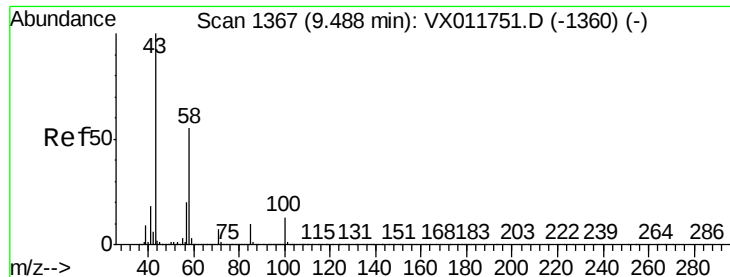
106 32.7 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

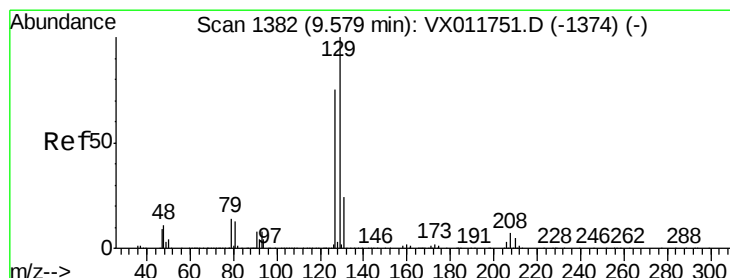
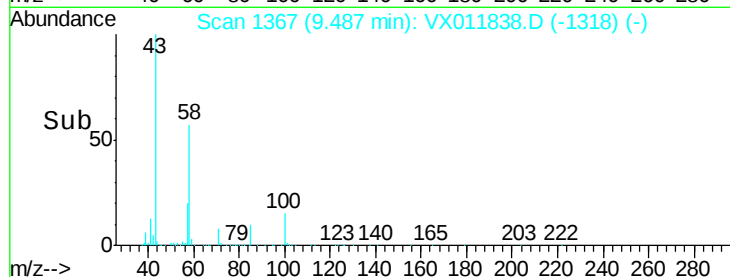
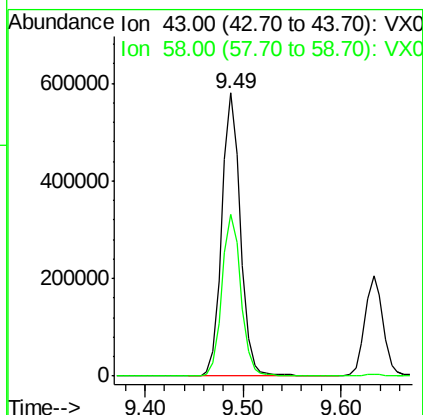
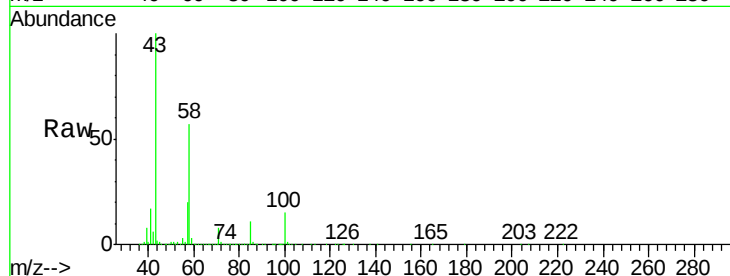




#59
2-Hexanone
Concen: 244.901 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

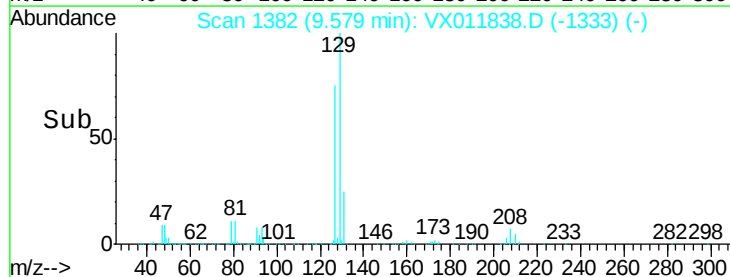
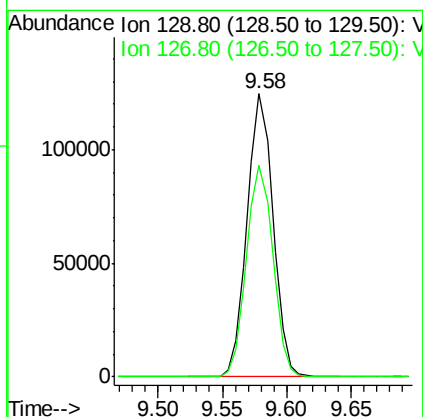
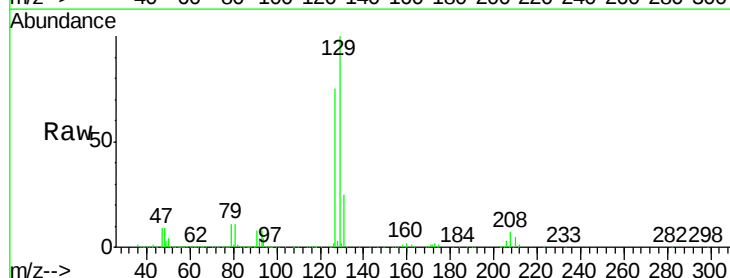
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

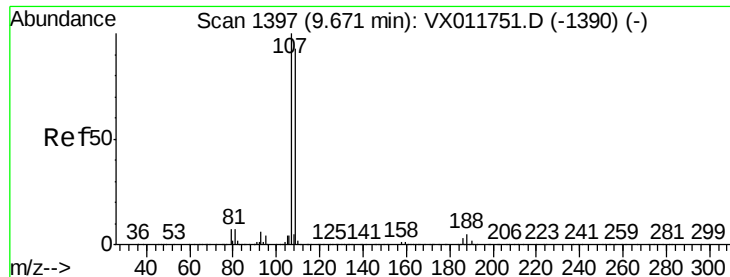
Tot Ion: 43 Resp: 766009
Ion Ratio Lower Upper
43 100
58 58.2 27.7 83.1



#60
Dibromochloromethane
Concen: 53.318 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 129 Resp: 173606
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 52.477 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

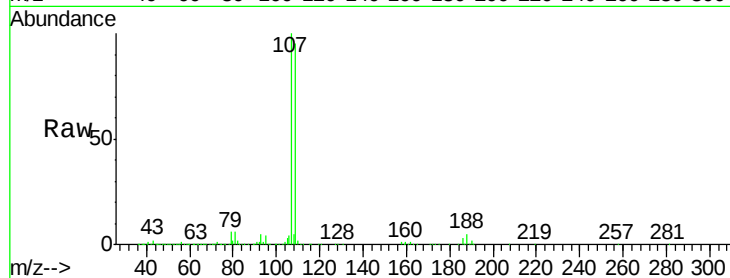
VSTDCCC050EC

Tot Ion:107 Resp: 169571

Ion Ratio Lower Upper

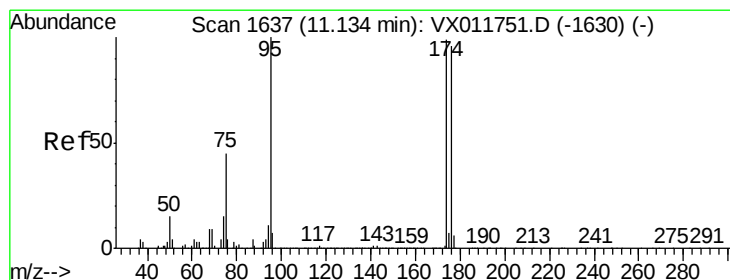
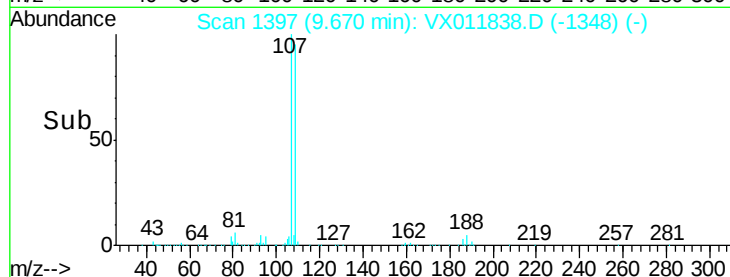
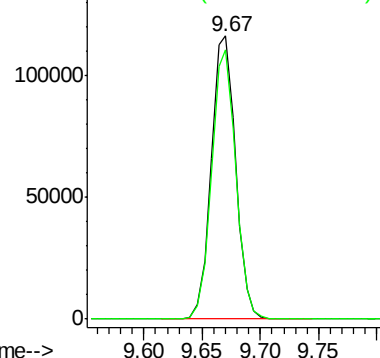
107 100

109 94.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.987 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

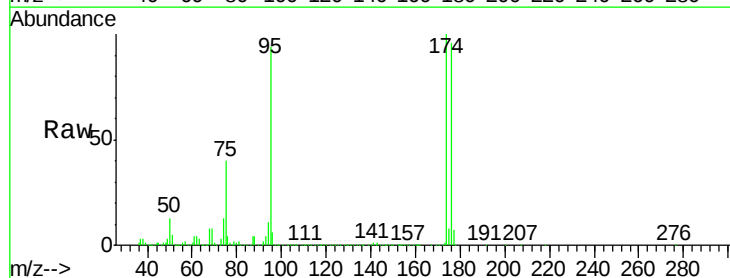
Tgt Ion: 95 Resp: 176462

Ion Ratio Lower Upper

95 100

174 109.3 0.0 197.4

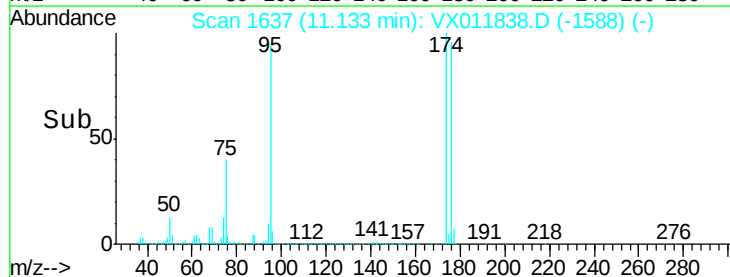
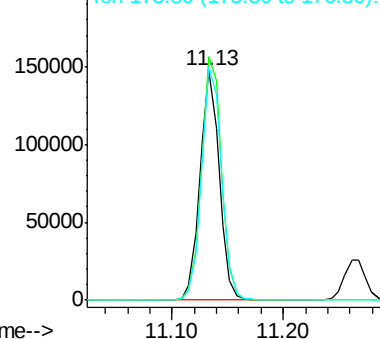
176 105.0 0.0 194.4

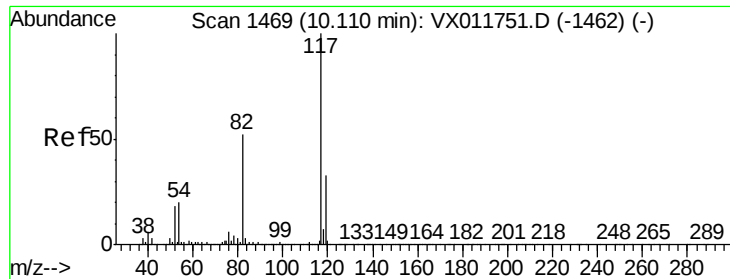


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

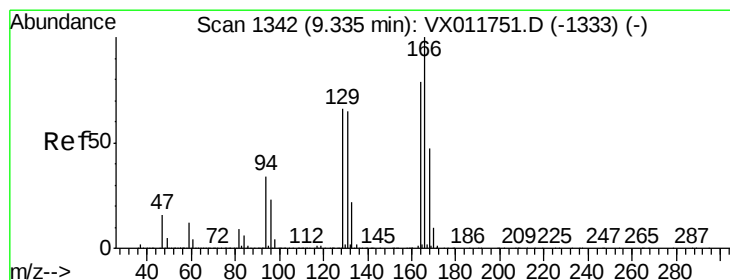
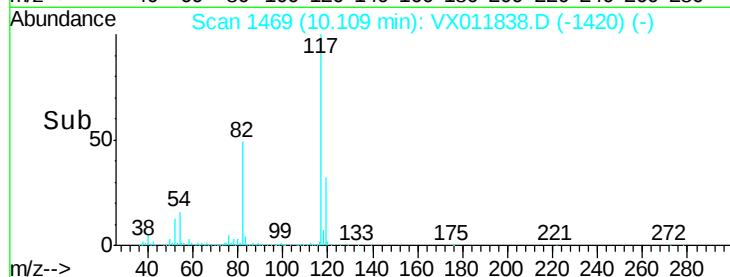
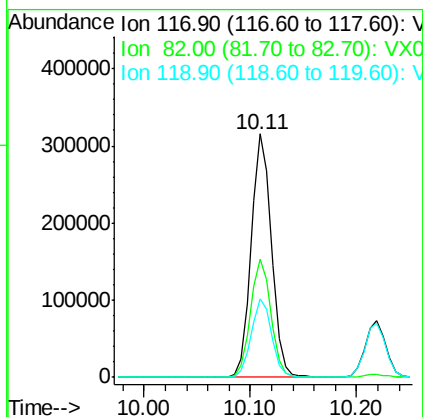
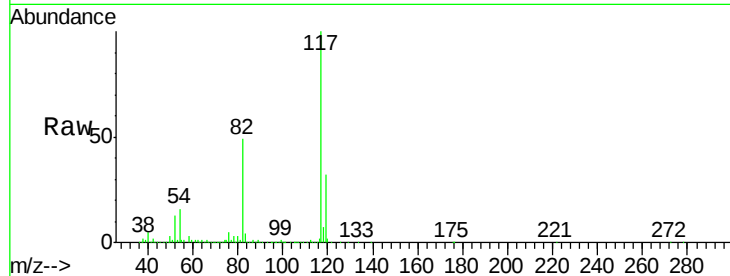




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

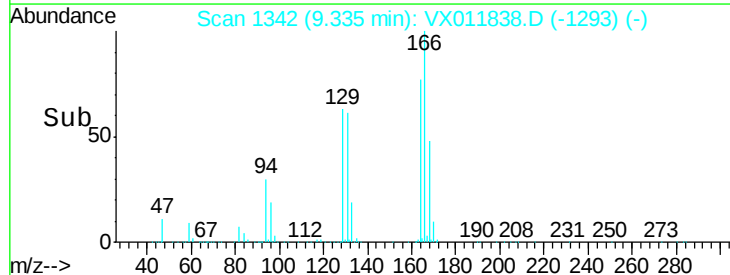
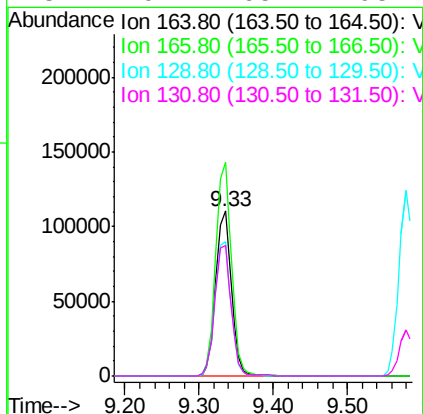
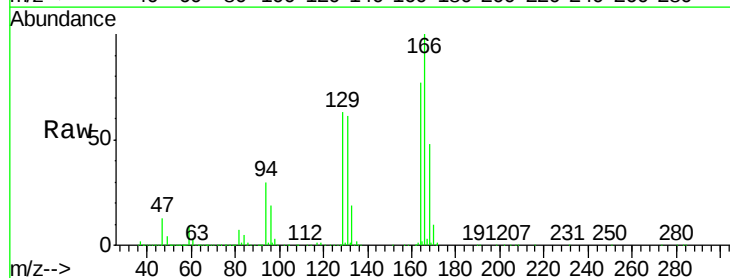
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

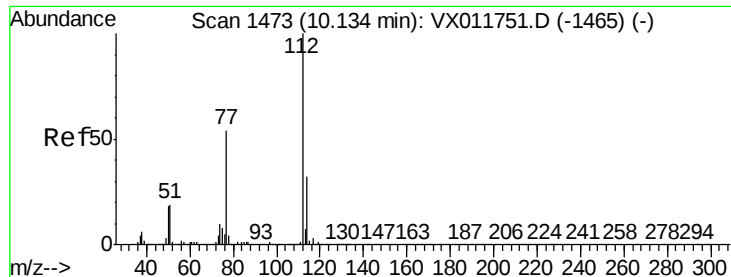
Tot Ion:117 Resp: 422128
Ion Ratio Lower Upper
117 100
82 48.6 41.7 62.5
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 47.720 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion:164 Resp: 160703
Ion Ratio Lower Upper
164 100
166 129.7 100.7 151.1
129 81.6 66.8 100.2
131 79.4 65.4 98.2

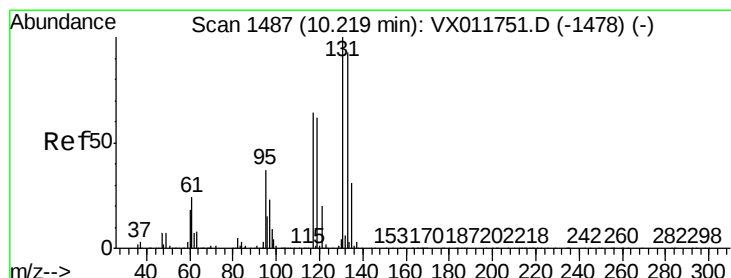
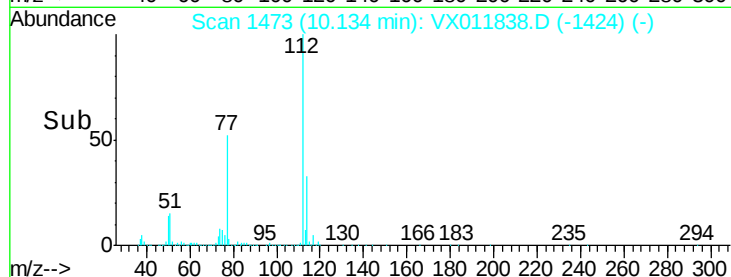
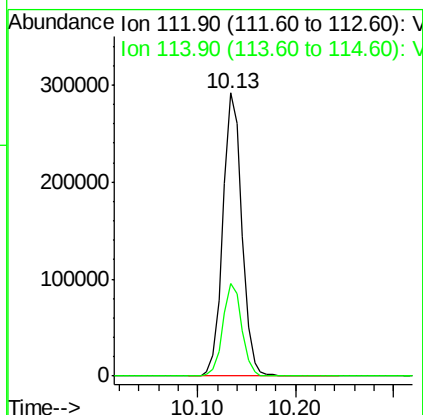
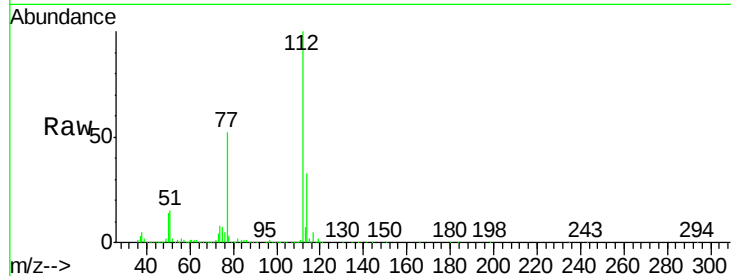




#65
Chlorobenzene
Concen: 47.753 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

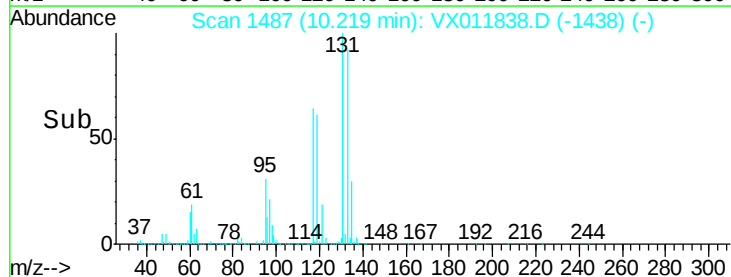
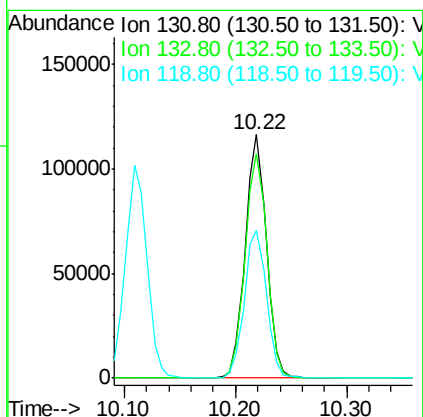
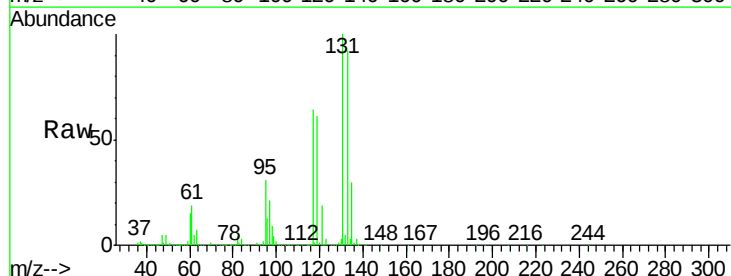
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

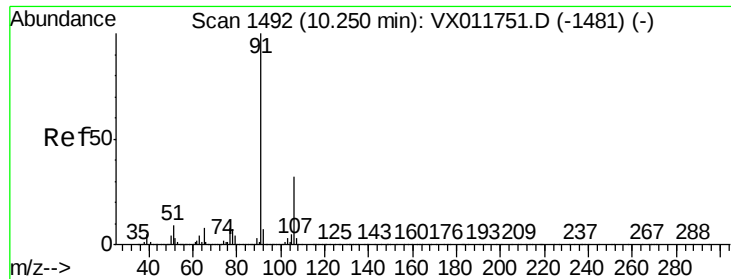
Tot Ion:112 Resp: 393550
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.962 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion:131 Resp: 154273
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 63.5 31.3 93.8

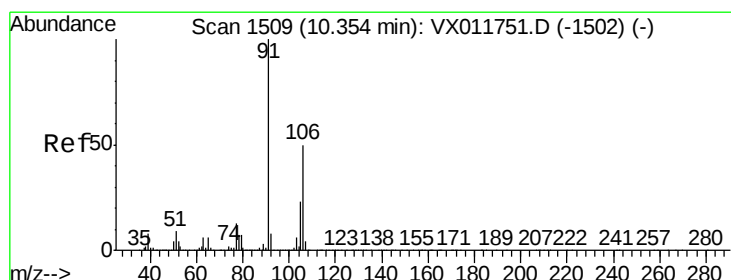
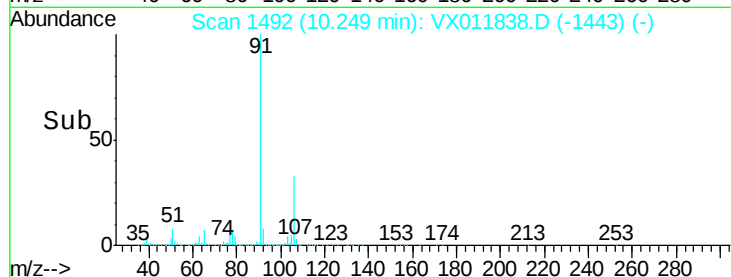
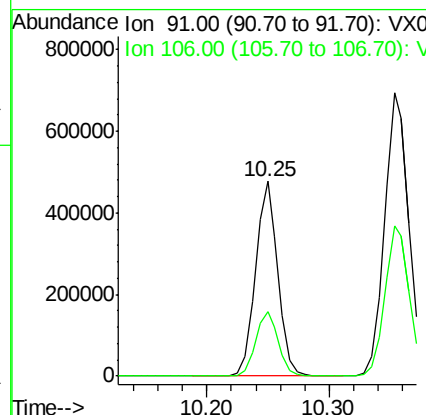
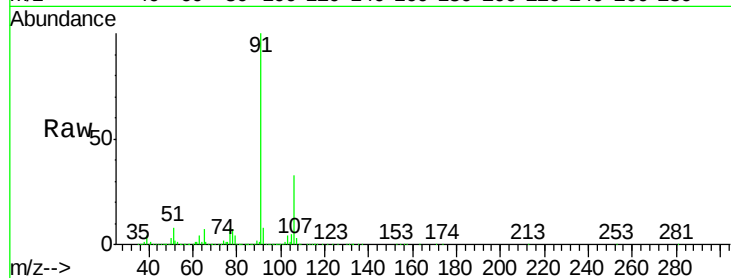




#67
Ethyl Benzene
Concen: 43.912 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

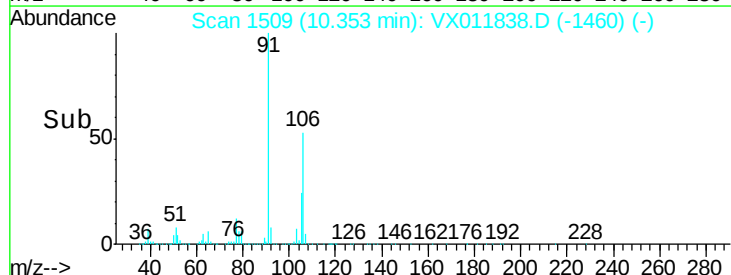
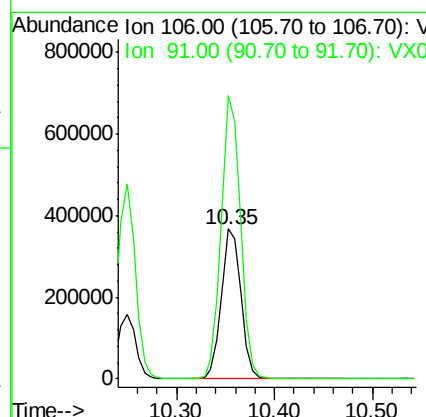
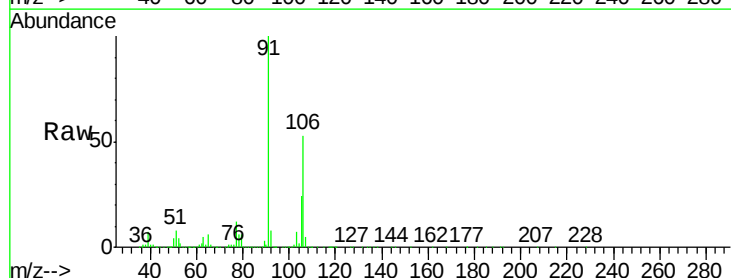
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

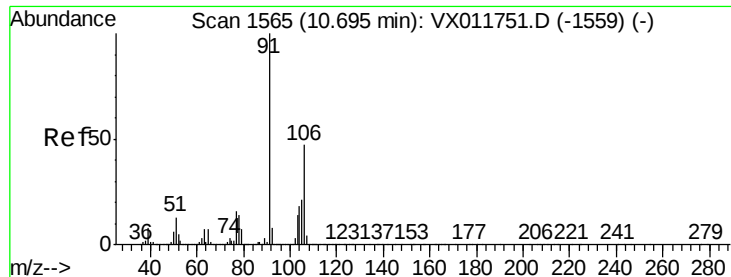
Tot Ion: 91 Resp: 604776
Ion Ratio Lower Upper
91 100
106 33.3 25.5 38.3



#68
m/p-Xylenes
Concen: 96.096 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 106 Resp: 510308
Ion Ratio Lower Upper
106 100
91 187.6 158.3 237.5

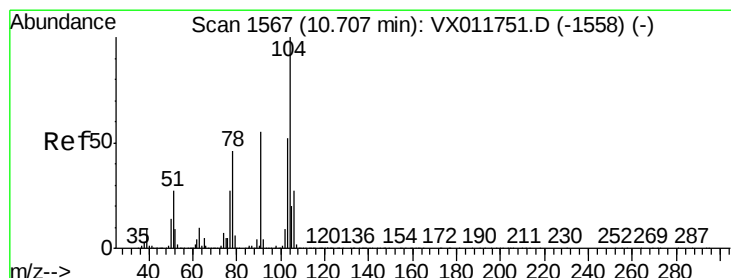
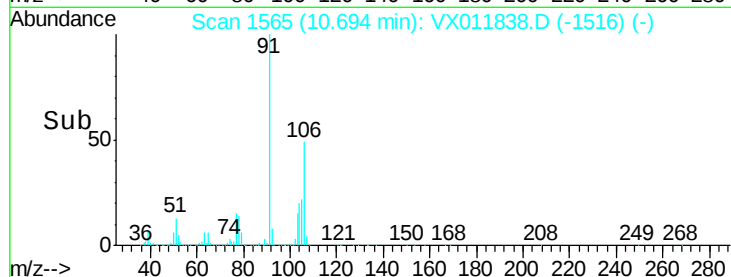
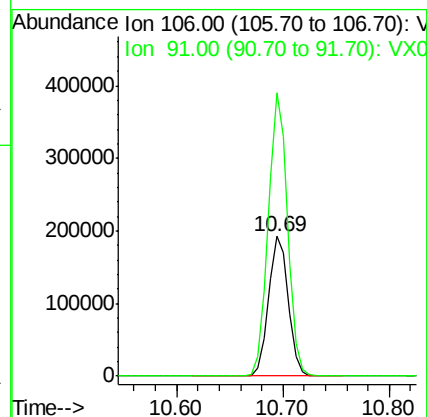
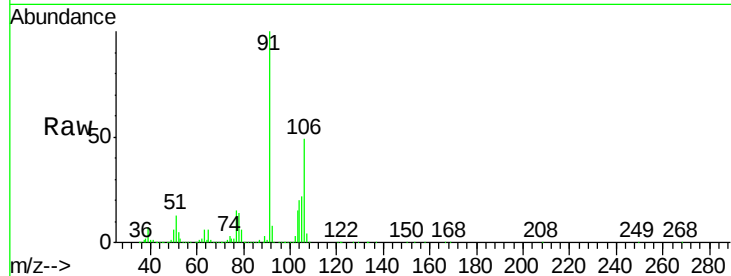




#69
o-Xylene
Concen: 47.811 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

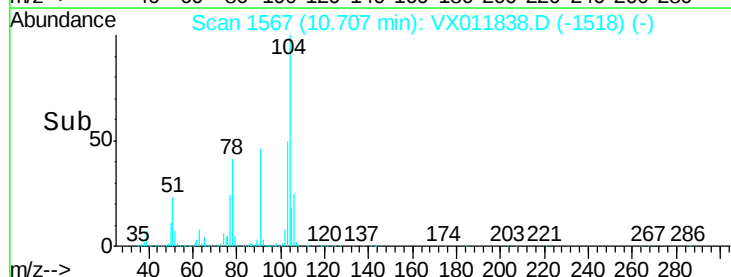
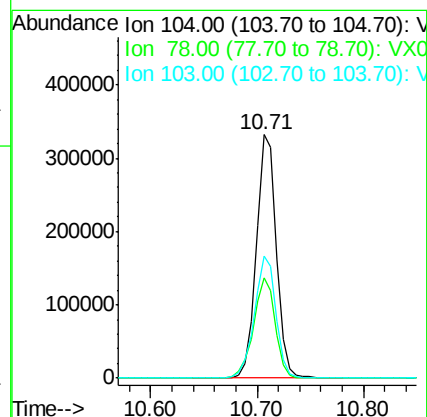
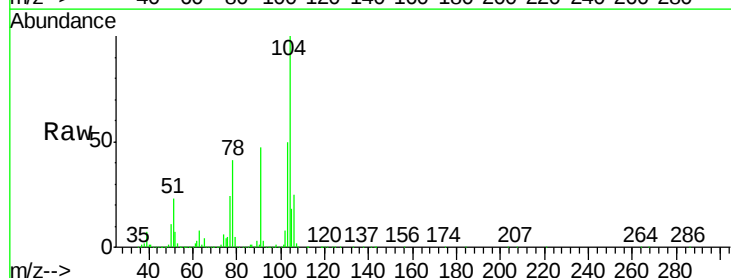
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

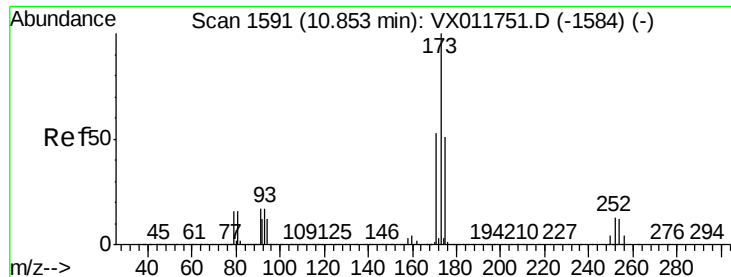
Tot Ion:106 Resp: 249276
Ion Ratio Lower Upper
106 100
91 198.4 105.0 314.9



#70
Styrene
Concen: 50.043 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion:104 Resp: 436473
Ion Ratio Lower Upper
104 100
78 44.6 39.2 58.8
103 54.1 44.5 66.7

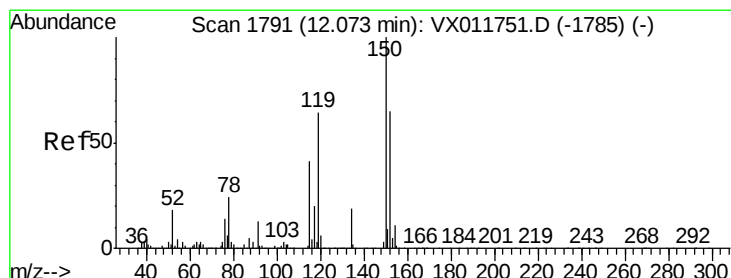
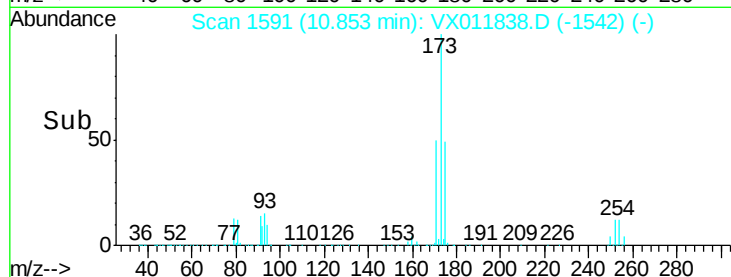
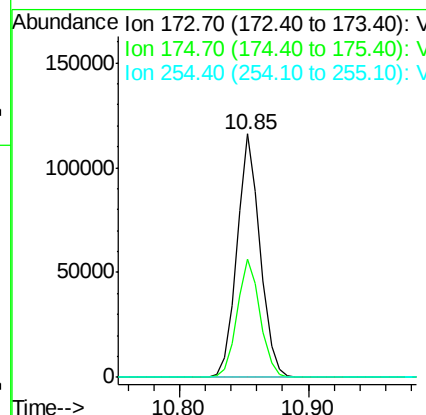
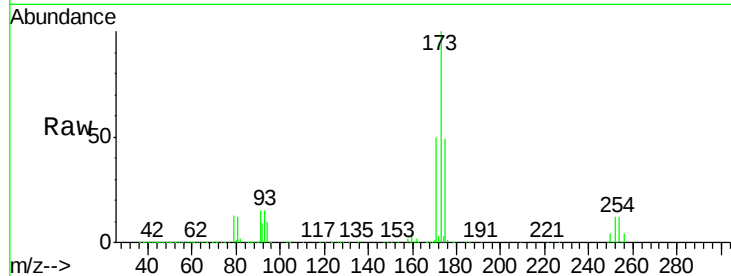




#71
Bromoform
Concen: 54.556 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

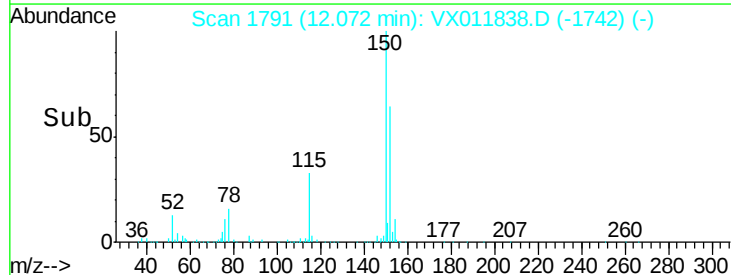
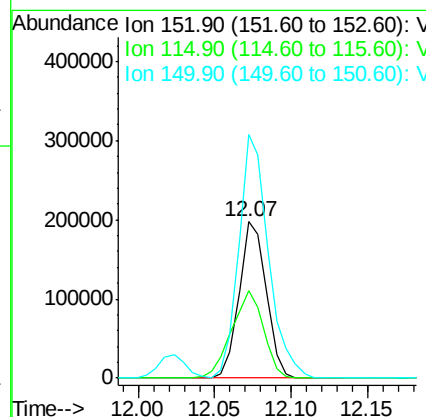
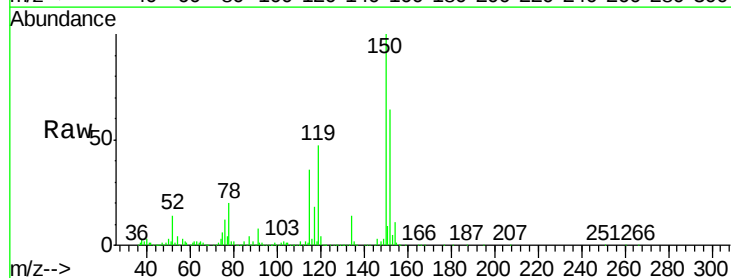
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

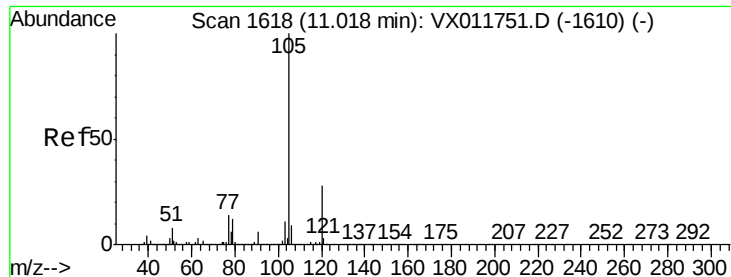
Tot Ion:173 Resp: 145322
Ion Ratio Lower Upper
173 100
175 48.8 25.1 75.3
254 0.1 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion:152 Resp: 242413
Ion Ratio Lower Upper
152 100
115 65.7 37.3 111.8
150 170.5 0.0 343.0





#73

Isopropylbenzene

Concen: 42.628 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

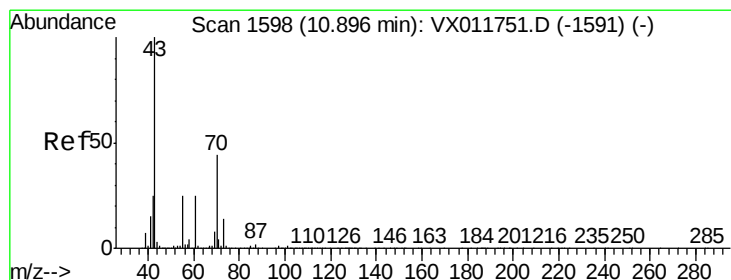
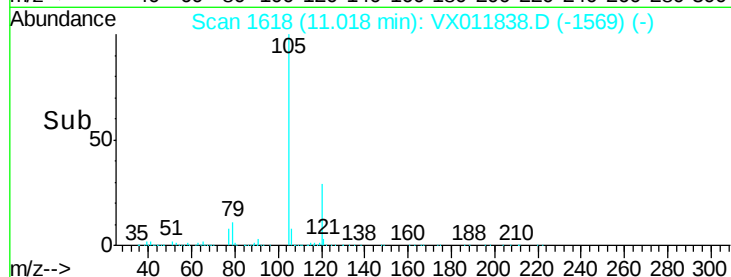
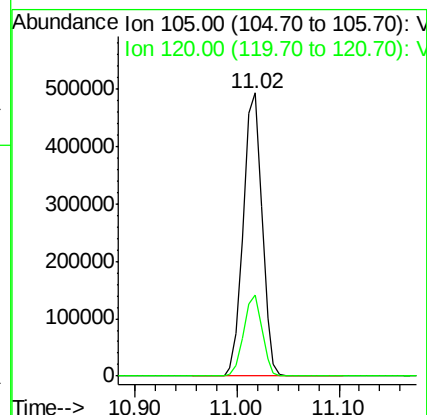
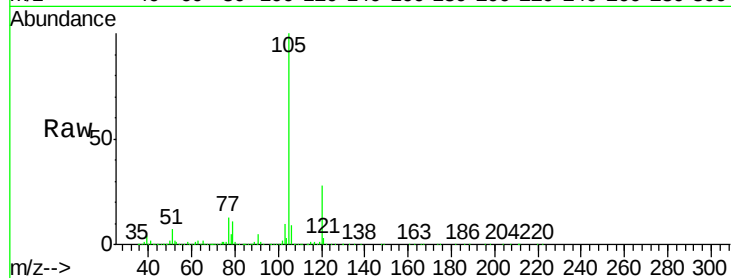
VSTDCCC050EC

Tot Ion:105 Resp: 622732

Ion Ratio Lower Upper

105 100

120 28.2 13.9 41.7



#74

N-ethyl acetate

Concen: 42.504 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Tgt Ion: 43 Resp: 240393

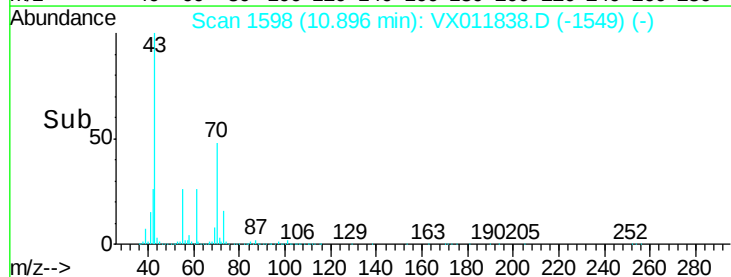
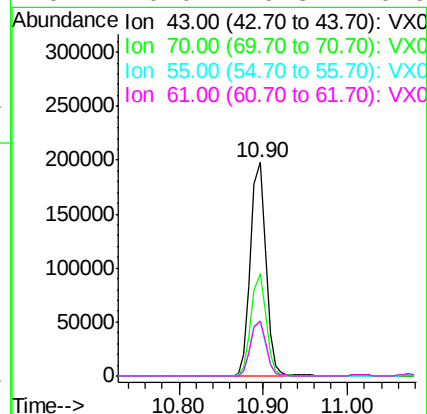
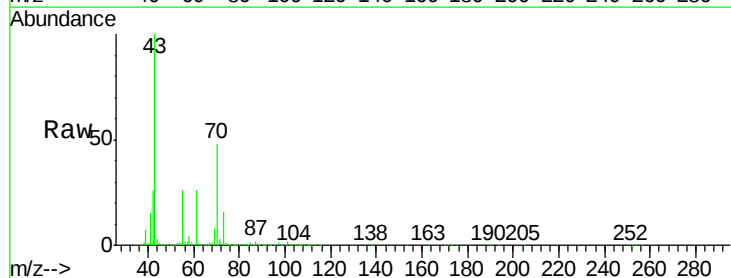
Ion Ratio Lower Upper

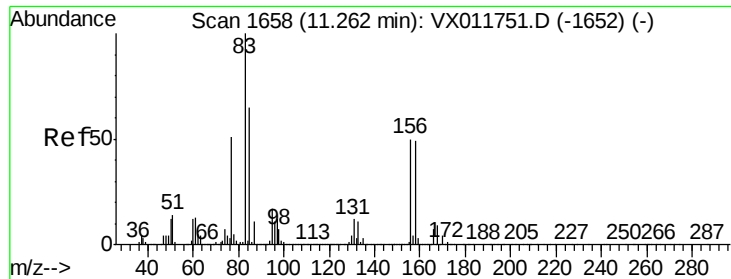
43 100

70 47.4 34.8 52.2

55 25.9 19.5 29.3

61 26.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.630 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

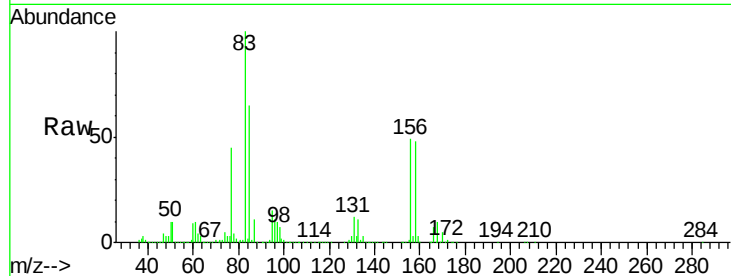
Tot Ion: 83 Resp: 230311

Ion Ratio Lower Upper

83 100

131 12.3 6.1 18.3

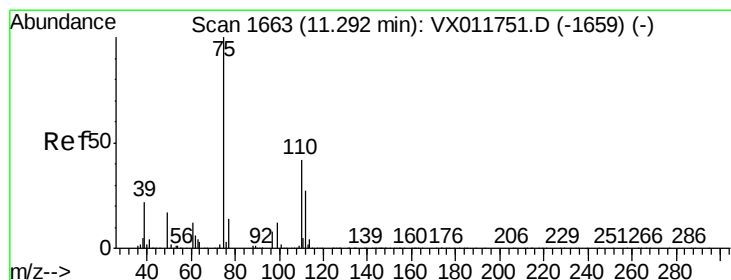
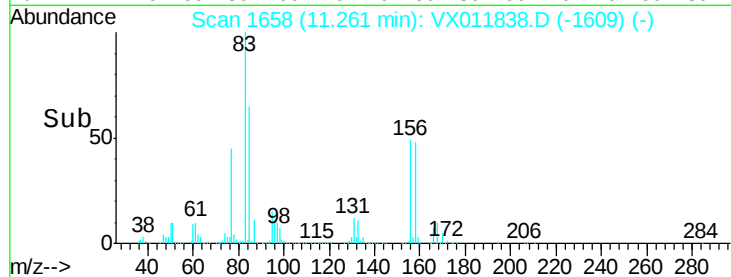
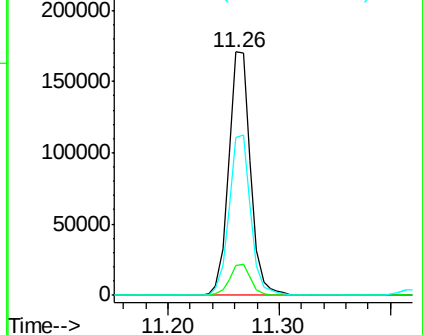
85 65.4 32.4 97.0



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: 44.890 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011838.D

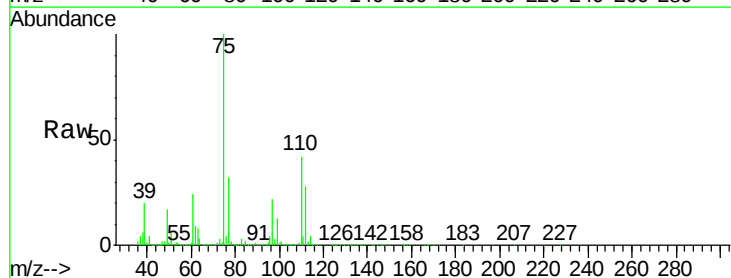
Acq: 24 Aug 2019 22:54

Tgt Ion: 75 Resp: 190942

Ion Ratio Lower Upper

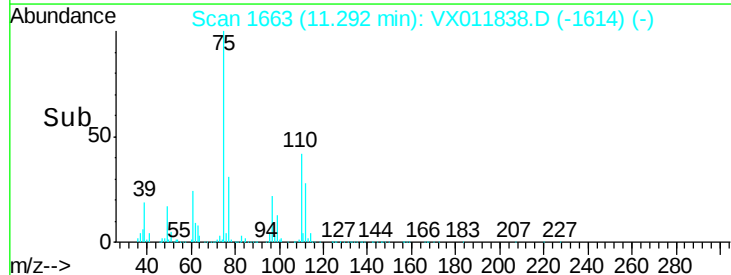
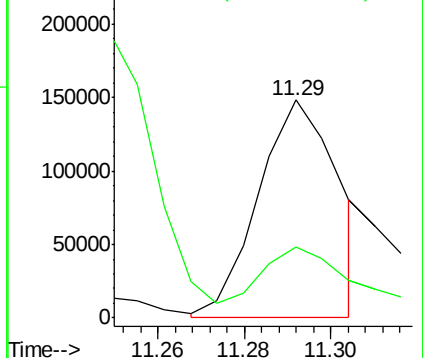
75 100

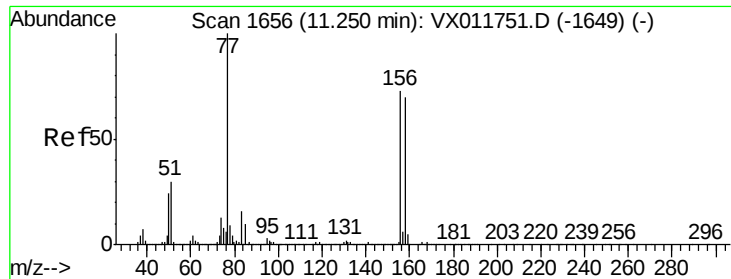
77 40.0 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.600 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

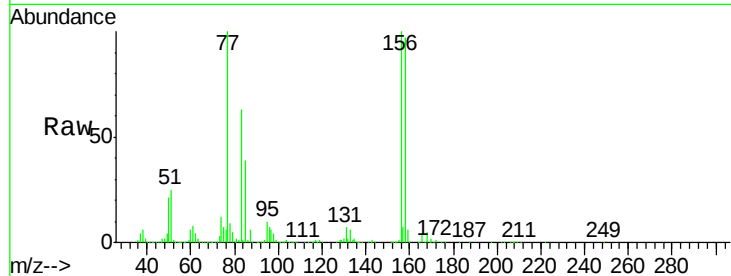
Tot Ion:156 Resp: 209305

Ion Ratio Lower Upper

156 100

77 116.3 65.3 196.0

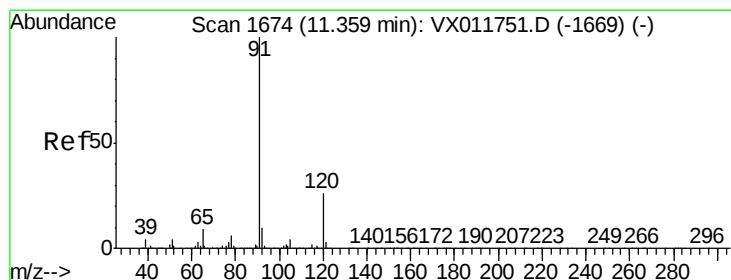
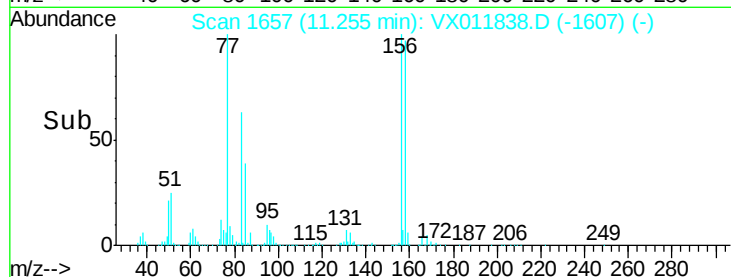
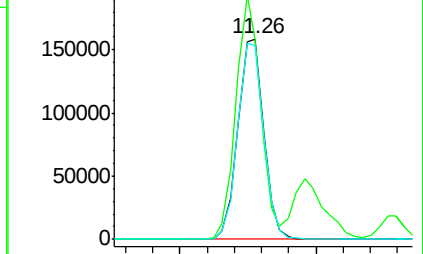
158 98.7 48.4 145.0



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: 40.605 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011838.D

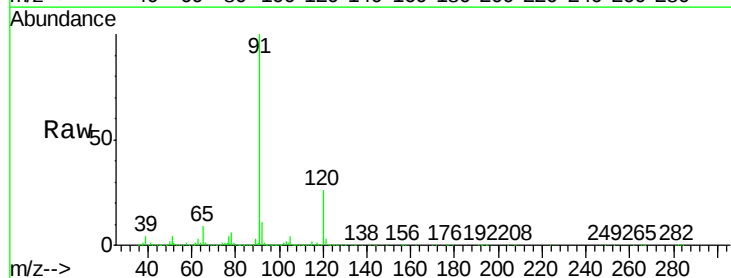
Acq: 24 Aug 2019 22:54

Tgt Ion: 91 Resp: 634288

Ion Ratio Lower Upper

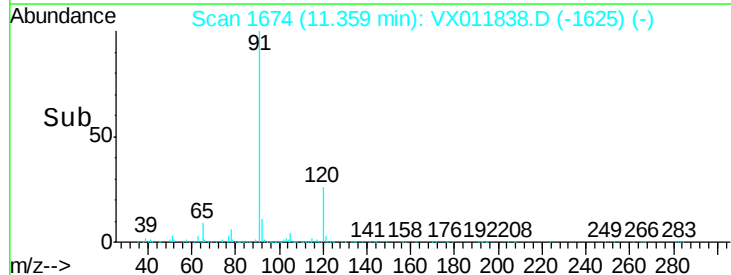
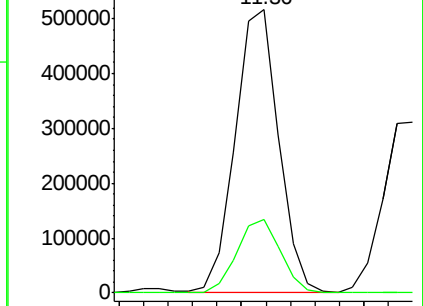
91 100

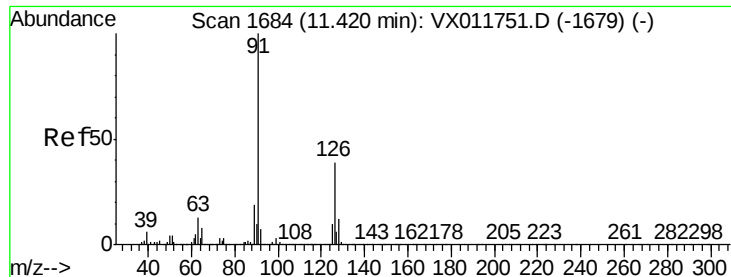
120 26.2 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 41.575 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

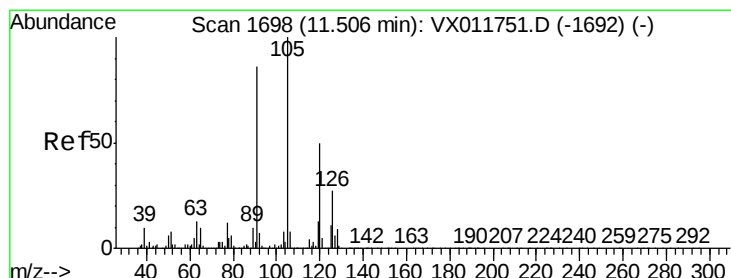
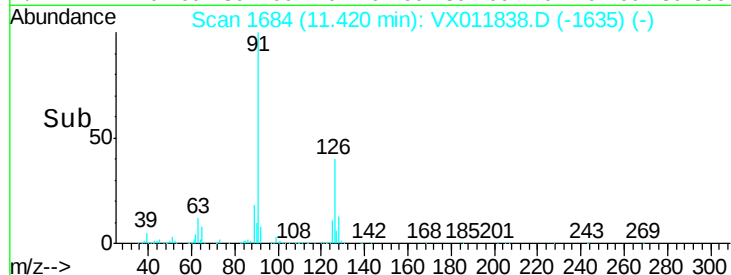
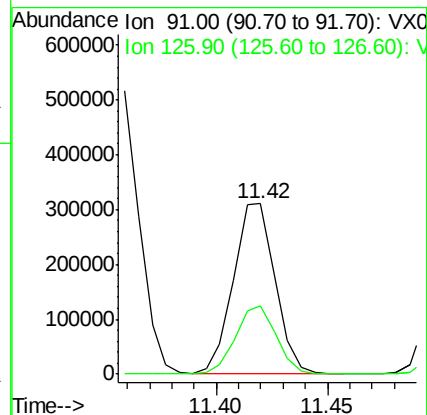
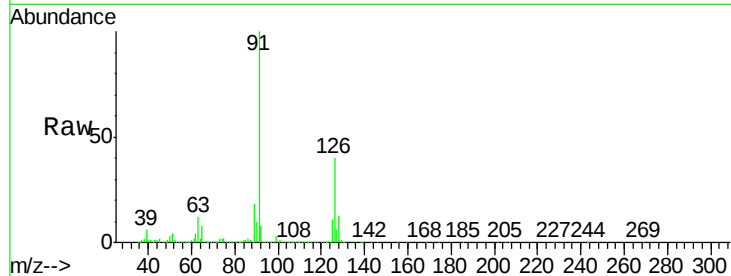
VSTDCCC050EC

Tot Ion: 91 Resp: 404033

Ion Ratio Lower Upper

91 100

126 39.6 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 41.980 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011838.D

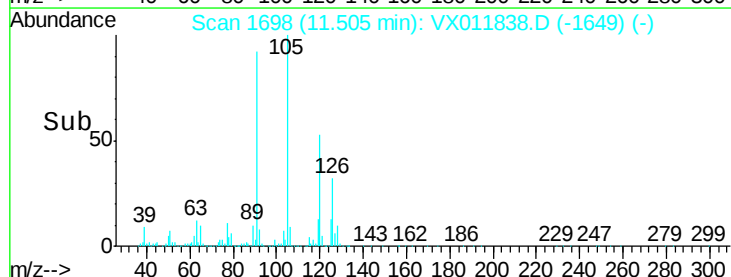
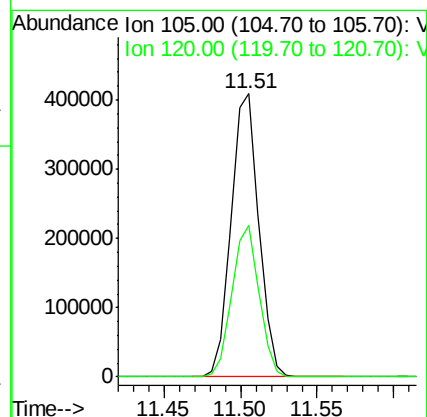
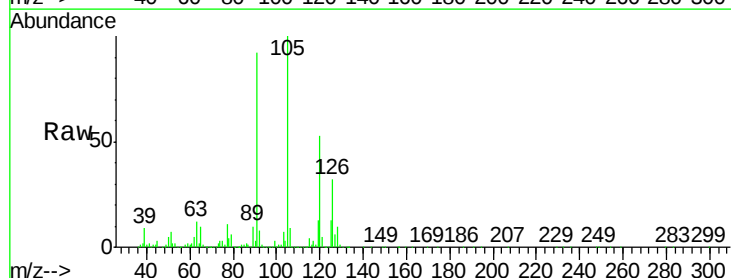
Acq: 24 Aug 2019 22:54

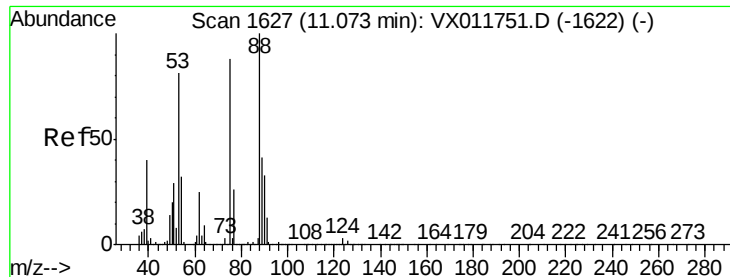
Tgt Ion: 105 Resp: 511682

Ion Ratio Lower Upper

105 100

120 52.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 34.291 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

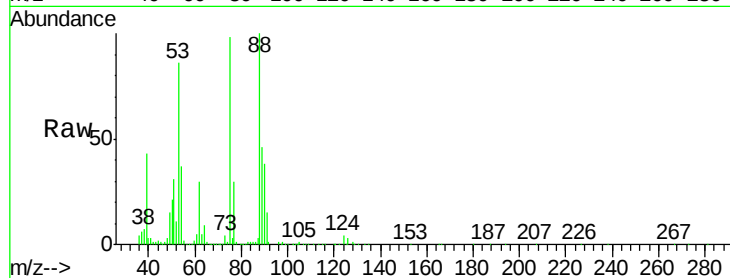
Tot Ion: 75 Resp: 48366

Ion Ratio Lower Upper

75 100

53 94.1 77.1 115.7

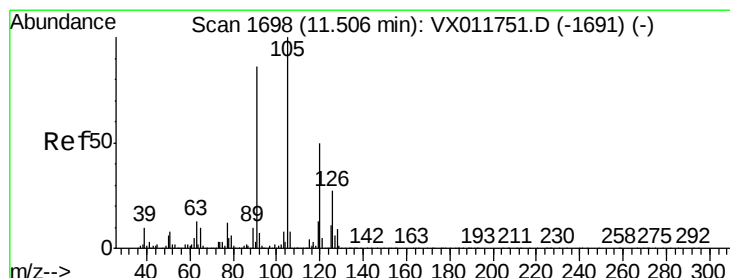
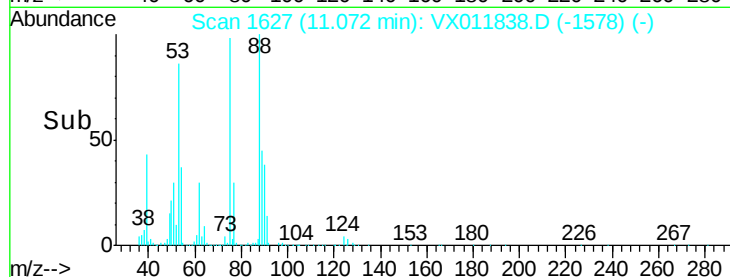
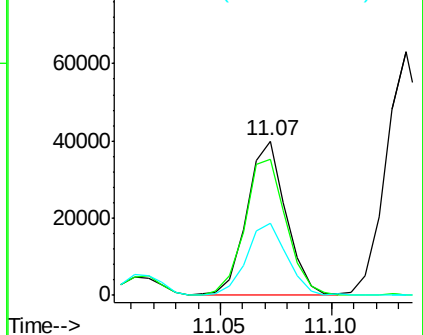
89 49.2 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 41.844 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011838.D

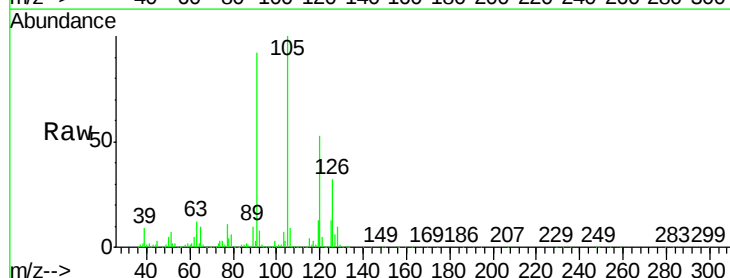
Acq: 24 Aug 2019 22:54

Tgt Ion: 91 Resp: 468735

Ion Ratio Lower Upper

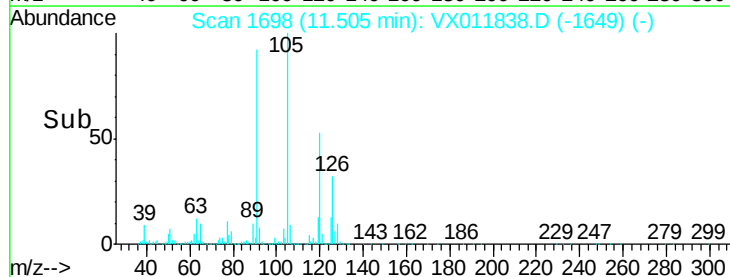
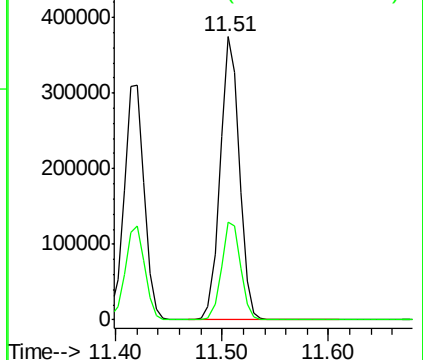
91 100

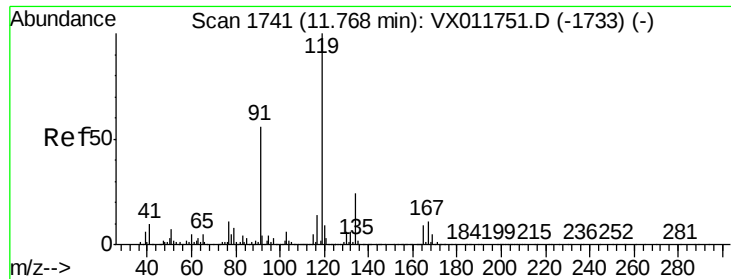
126 34.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 42.119 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

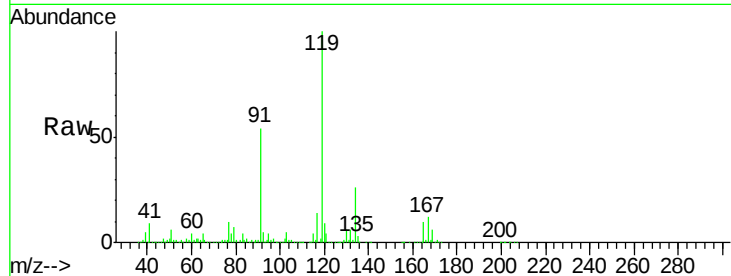
Tot Ion:119 Resp: 506518

Ion Ratio Lower Upper

119 100

91 50.9 27.7 83.1

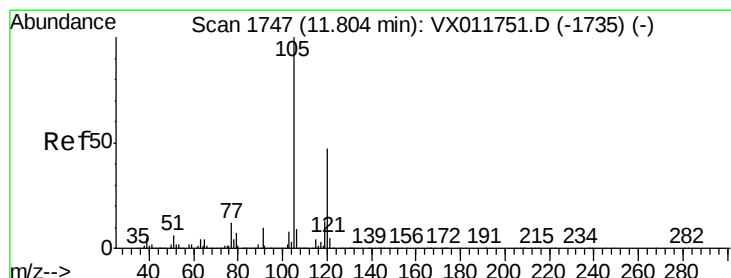
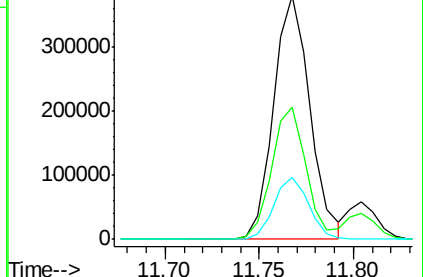
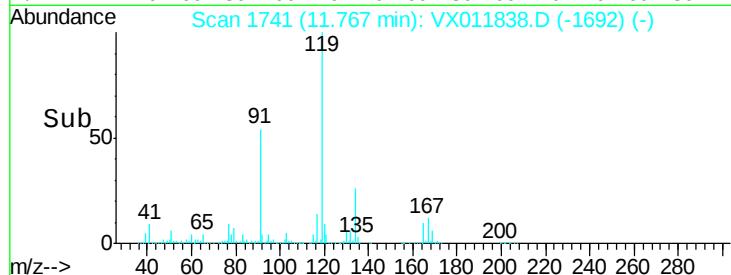
134 24.6 11.8 35.3



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: 43.409 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011838.D

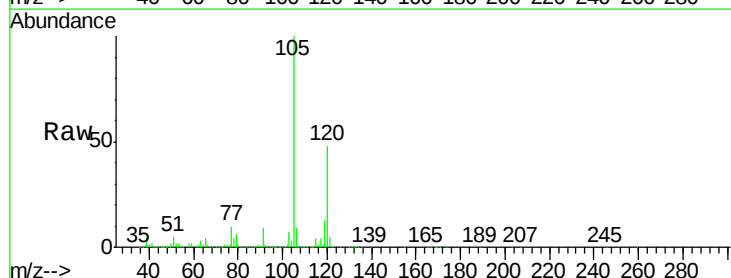
Acq: 24 Aug 2019 22:54

Tgt Ion:105 Resp: 534312

Ion Ratio Lower Upper

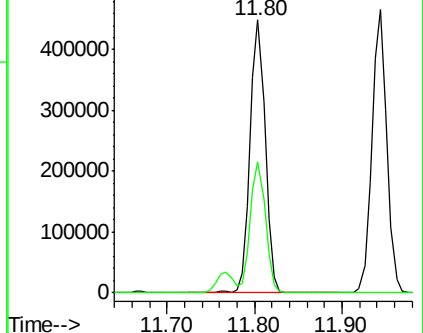
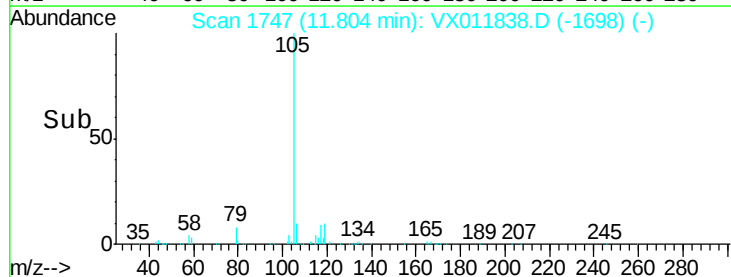
105 100

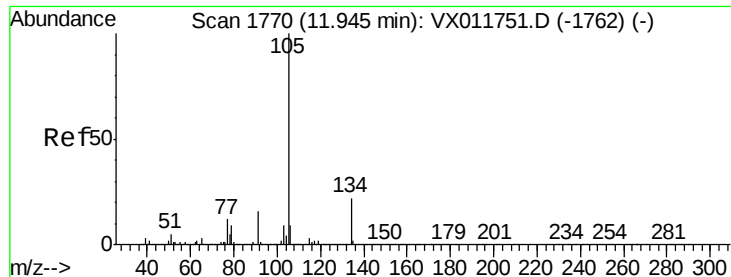
120 48.0 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 40.537 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

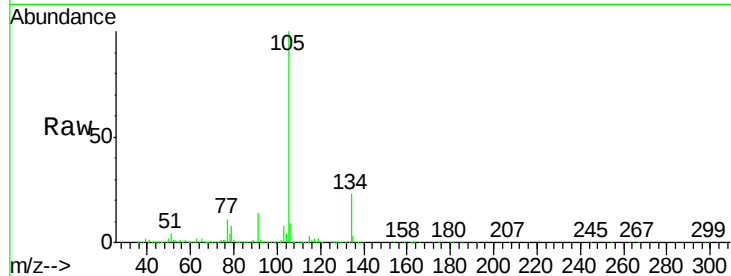
VSTDCCC050EC

Tot Ion:105 Resp: 557636

Ion Ratio Lower Upper

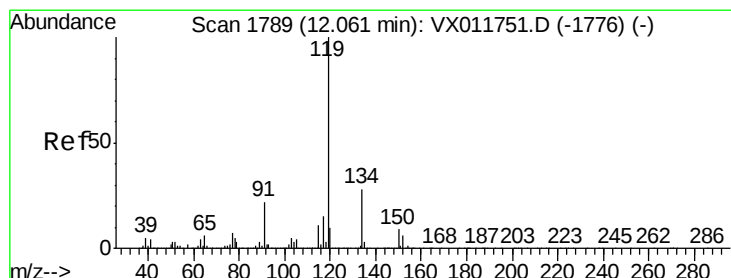
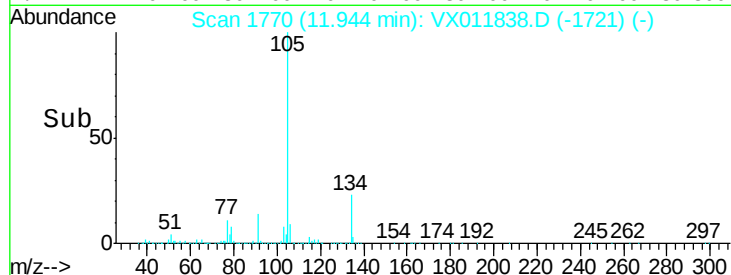
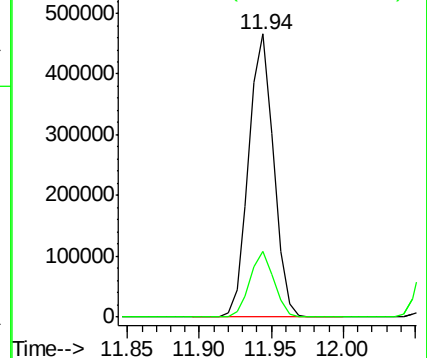
105 100

134 22.5 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 41.047 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

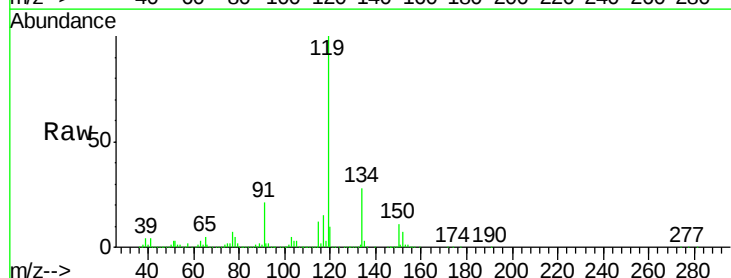
Tgt Ion:119 Resp: 543274

Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.0

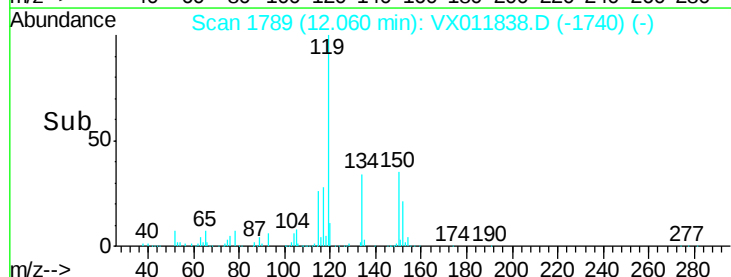
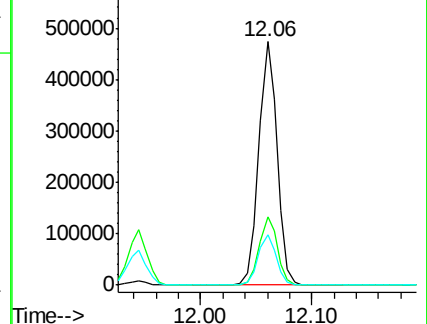
91 20.4 11.1 33.3

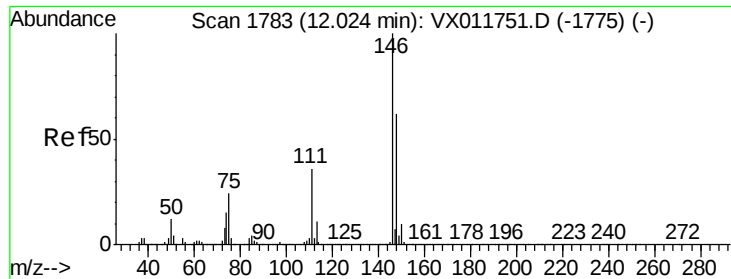


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.190 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

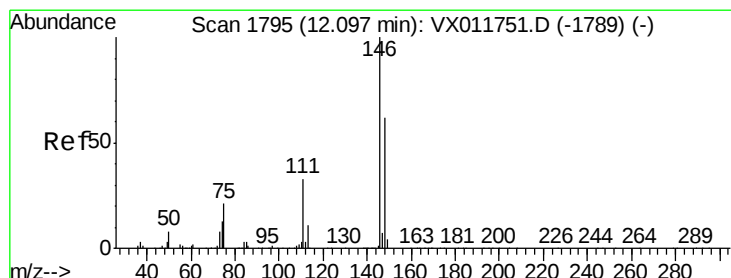
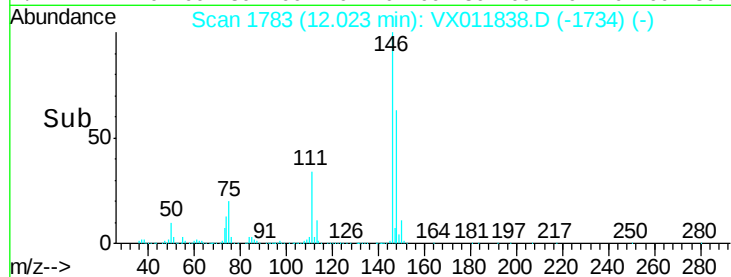
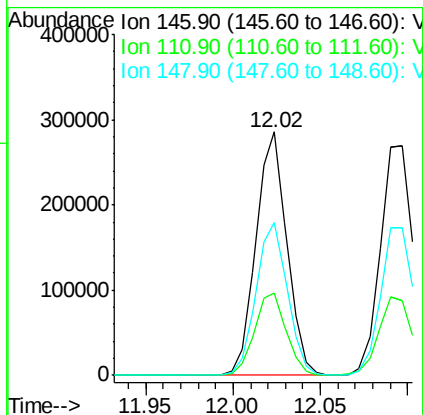
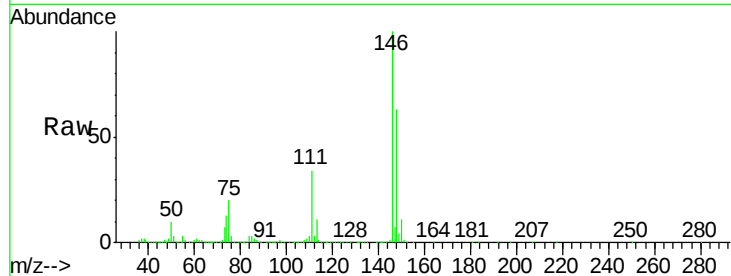
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146	Resp:	349980
Ion Ratio	Lower	Upper
146	100	
111	34.8	18.1 54.4
148	64.0	31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 46.834 ug/l

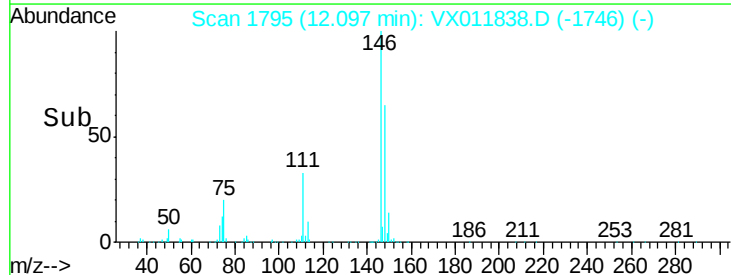
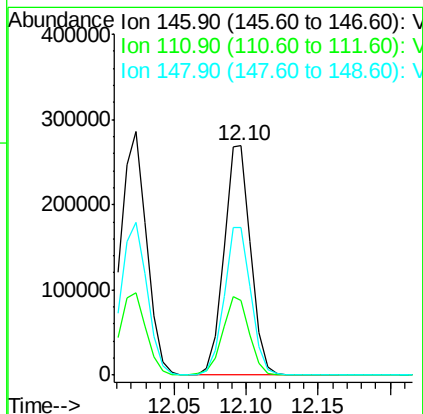
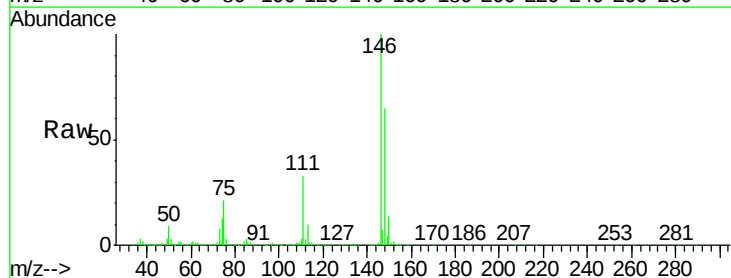
RT: 12.10 min Scan# 1795

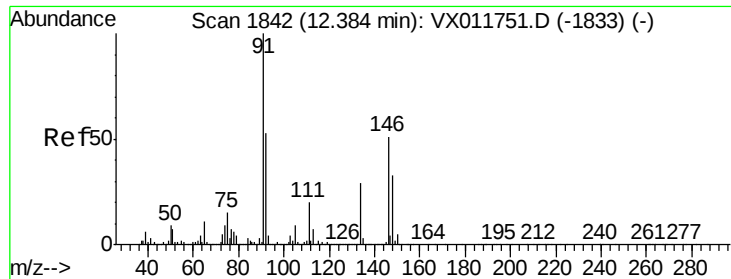
Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Tgt Ion:146	Resp:	351415
Ion Ratio	Lower	Upper
146	100	
111	34.1	17.8 53.4
148	64.6	31.9 95.7

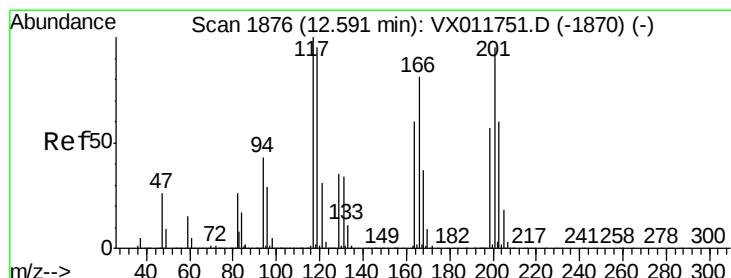
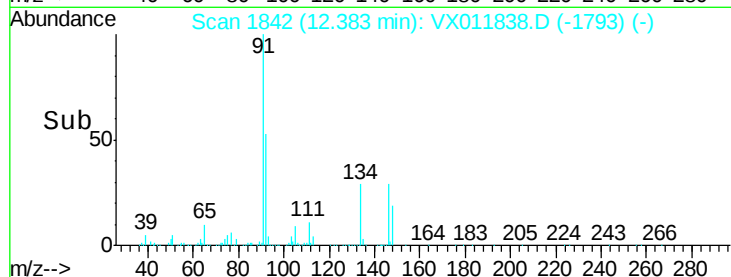
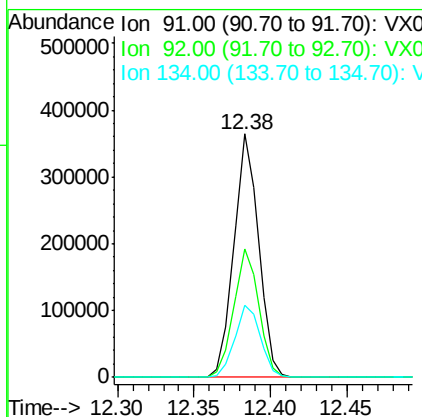
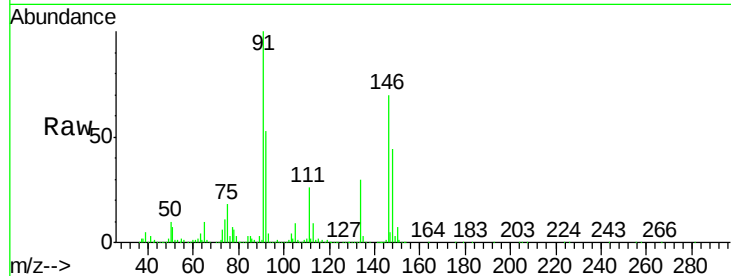




#89
n-Butylbenzene
Concen: 37.381 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

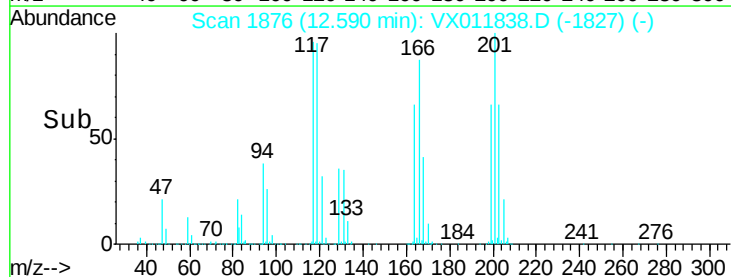
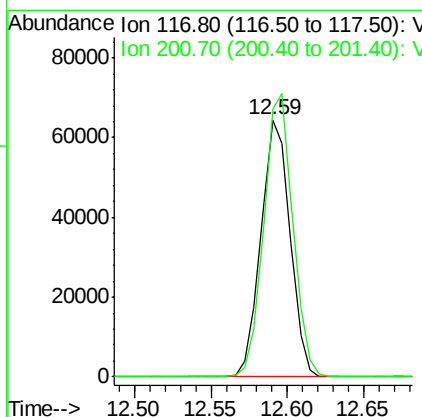
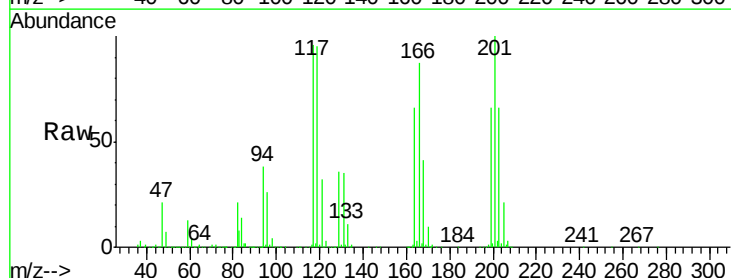
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

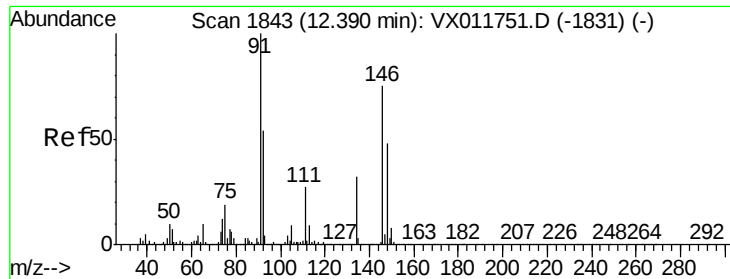
Tot Ion: 91 Resp: 409566
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.0
134 30.9 14.6 43.8



#90
Hexachloroethane
Concen: 41.909 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011838.D
Acq: 24 Aug 2019 22:54

Tgt Ion: 117 Resp: 86174
Ion Ratio Lower Upper
117 100
201 109.5 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 48.359 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

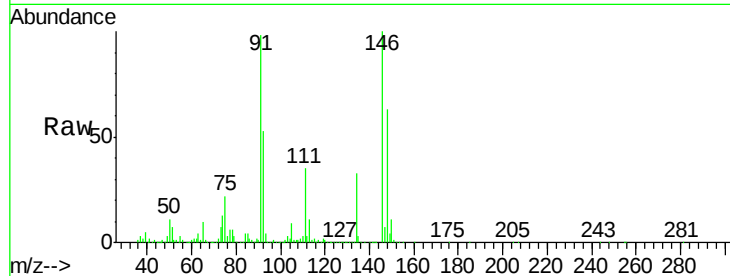
Tot Ion:146 Resp: 361738

Ion Ratio Lower Upper

146 100

111 35.5 18.8 56.4

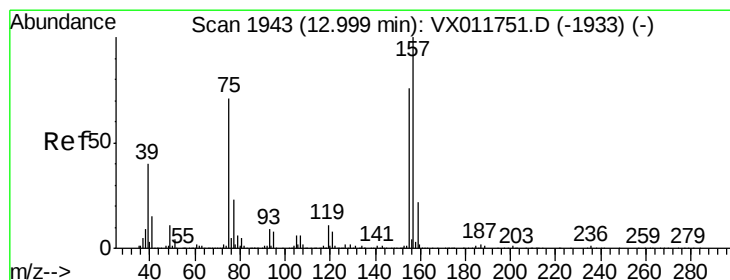
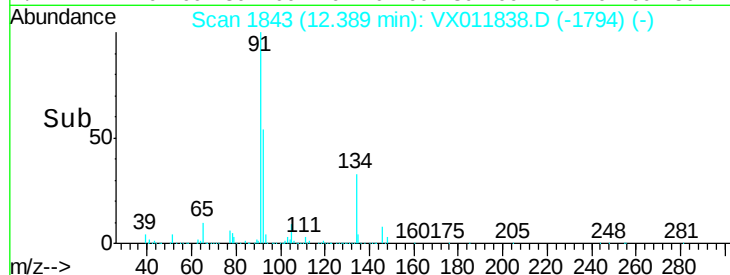
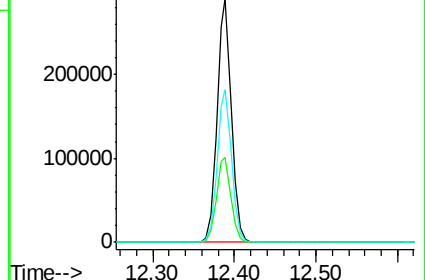
148 63.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.068 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

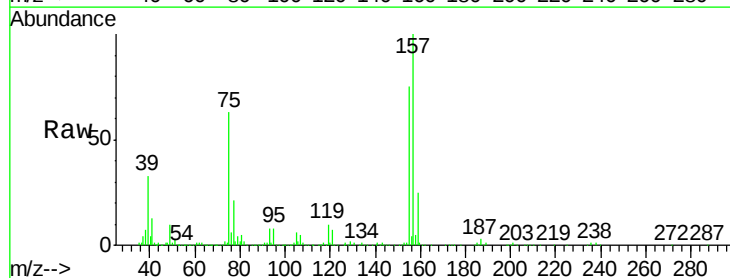
Tgt Ion: 75 Resp: 51780

Ion Ratio Lower Upper

75 100

155 119.4 52.6 157.9

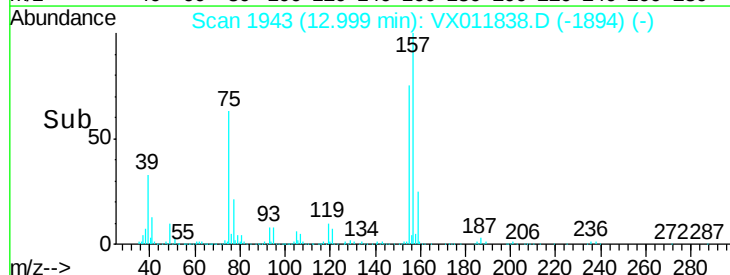
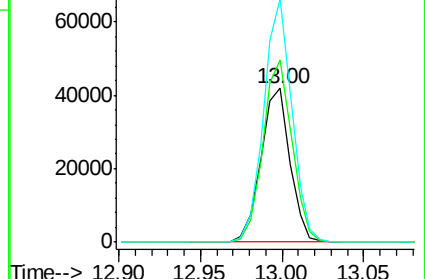
157 154.0 68.3 204.9

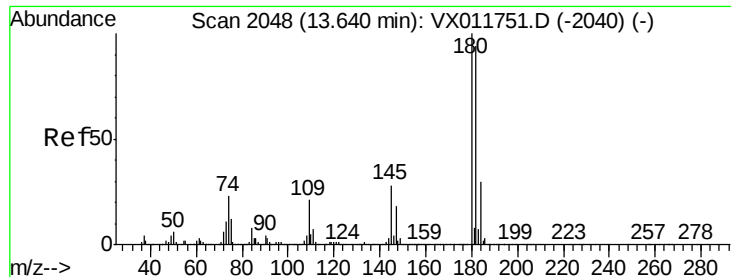


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

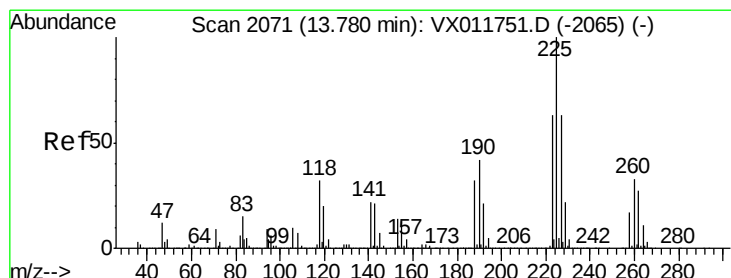
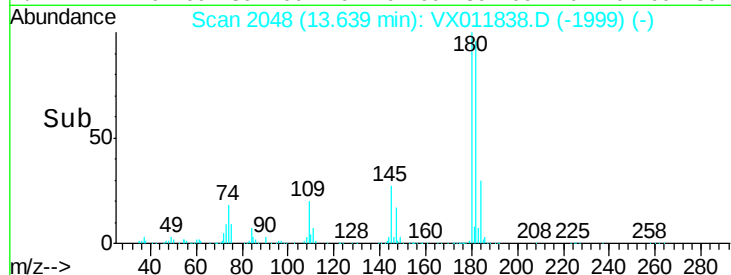
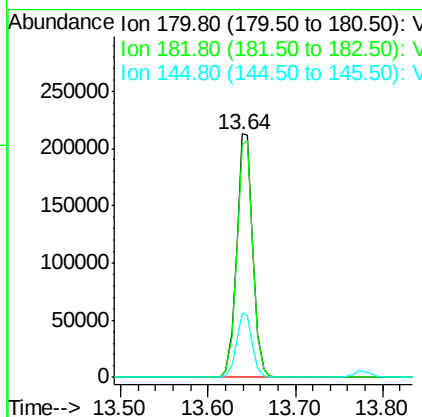
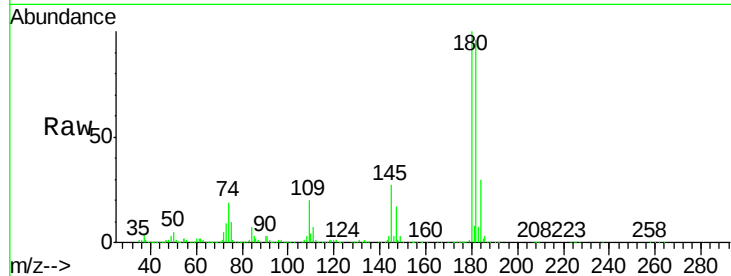




#93
 1,2,4-Trichlorobenzene
 Concen: 49.873 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

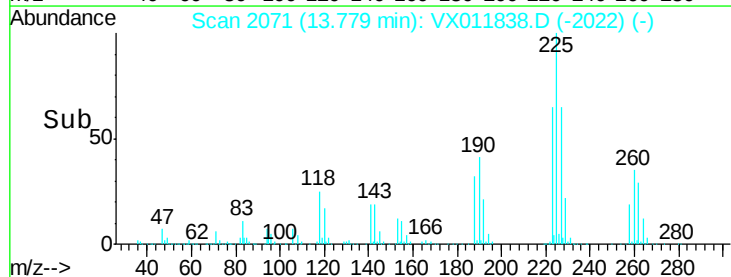
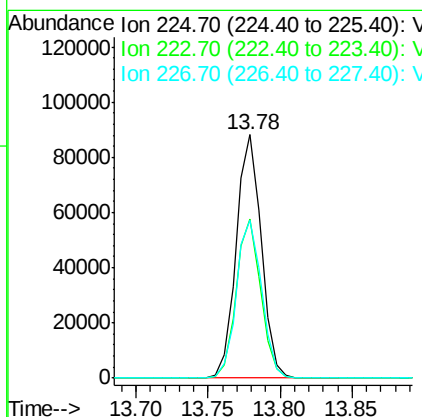
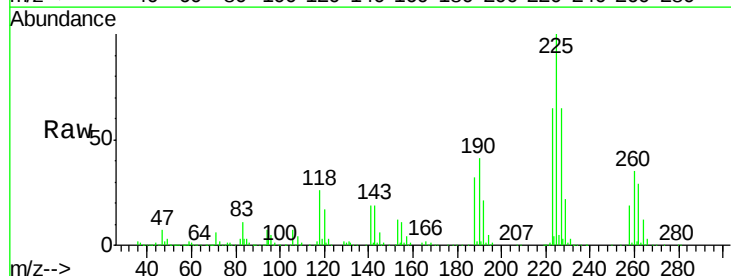
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

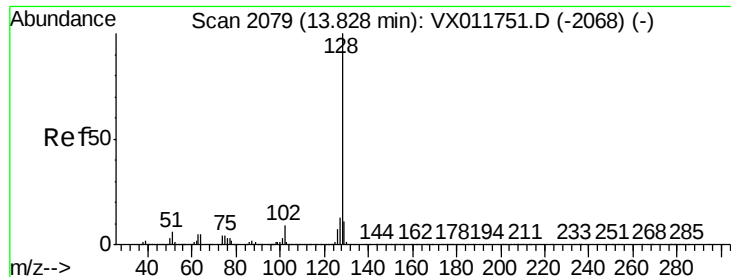
Tot Ion:180 Resp: 274418
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.8 143.4
 145 26.1 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 35.467 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011838.D
 Acq: 24 Aug 2019 22:54

Tgt Ion:225 Resp: 106934
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 65.6 31.8 95.3





#95

Naphthalene

Concen: 55.860 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

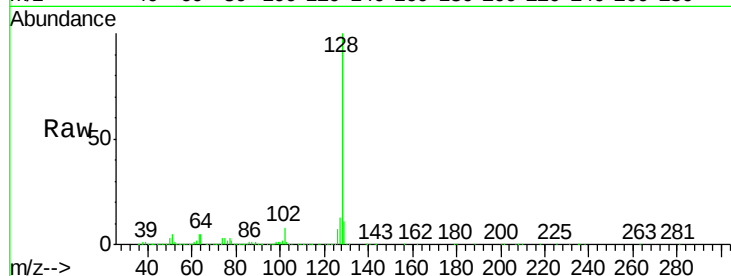
Tot Ion:128 Resp: 846514

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

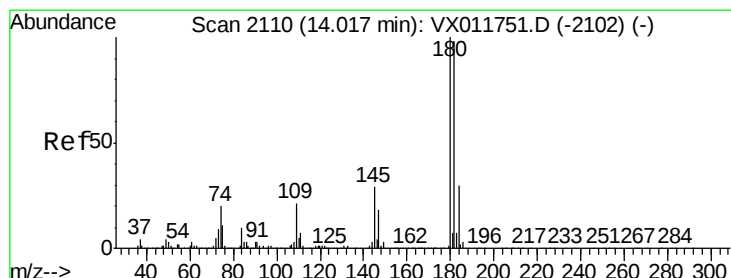
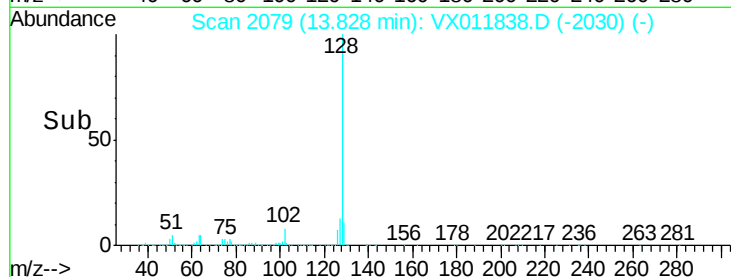
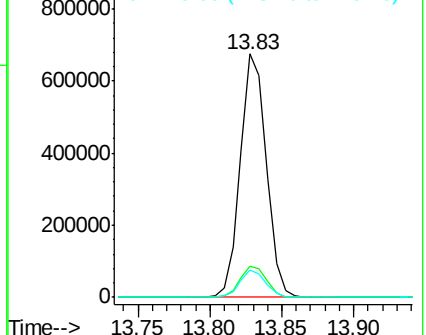
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.084 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011838.D

Acq: 24 Aug 2019 22:54

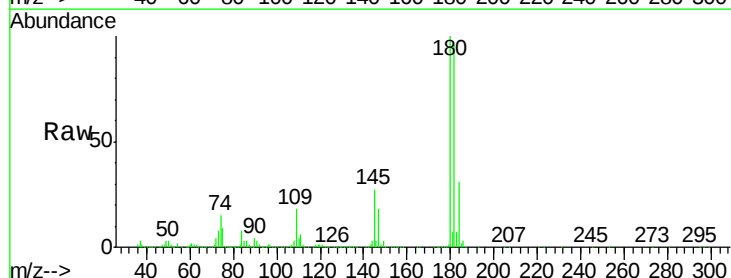
Tgt Ion:180 Resp: 293280

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

145 27.6 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

