

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015031.D
 Acq On : 26 Feb 2020 19:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 27 02:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	393871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	601001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	554066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304359	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	231217	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	5.49	113	198174	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
50) Toluene-d8	8.71	98	740730	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.14	95	275213	54.17	ug/l	0.00
Spiked Amount			Recovery	=	108.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	168599	45.200	ug/l	99
3) Chloromethane	1.32	50	214613	50.749	ug/l	100
4) Vinyl Chloride	1.40	62	221631	48.650	ug/l	98
5) Bromomethane	1.63	94	128469	43.567	ug/l	97
6) Chloroethane	1.72	64	138855	47.636	ug/l	99
7) Trichlorofluoromethane	1.92	101	286053	44.942	ug/l	99
8) Diethyl Ether	2.18	74	130435	49.418	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	177500	48.043	ug/l	98
10) Methyl Iodide	2.50	142	201543	49.026	ug/l	100
11) Tert butyl alcohol	3.03	59	227840	290.297	ug/l	99
12) 1,1-Dichloroethene	2.37	96	178212	49.363	ug/l	99
13) Acrolein	2.28	56	127712	213.499	ug/l	97
14) Allyl chloride	2.72	41	323786	50.585	ug/l	96
15) Acrylonitrile	3.13	53	574601	288.793	ug/l	98
16) Acetone	2.44	43	473263	195.832	ug/l	99
17) Carbon Disulfide	2.56	76	438097	43.432	ug/l	100
18) Methyl Acetate	2.76	43	277203	61.918	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	624541	53.155	ug/l	99
20) Methylene Chloride	2.85	84	207893	48.618	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	192992	48.447	ug/l	99
22) Diisopropyl ether	3.84	45	672378	55.000	ug/l	98
23) Vinyl Acetate	3.80	43	2885701	286.346	ug/l	99
24) 1,1-Dichloroethane	3.69	63	361681	52.421	ug/l	99
25) 2-Butanone	4.65	43	785742	259.642	ug/l	99
26) 2,2-Dichloropropane	4.58	77	272401	45.813	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	231534	51.995	ug/l	98
28) Bromochloromethane	5.01	49	144006	53.848	ug/l	99
29) Tetrahydrofuran	5.11	42	508751	295.730	ug/l	100
30) Chloroform	5.20	83	356070	52.016	ug/l	96
31) Cyclohexane	5.57	56	306352	48.750	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	301241	50.308	ug/l	99
36) 1,1-Dichloropropene	5.79	75	258991	48.174	ug/l	99
37) Ethyl Acetate	4.82	43	309341	55.168	ug/l	100
38) Carbon Tetrachloride	5.78	117	257303	49.111	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	310109	46.122	ug/l	99
40) Benzene	6.14	78	814060	50.679	ug/l	99
41) Methacrylonitrile	5.03	41	170304	56.379	ug/l	98
42) 1,2-Dichloroethane	6.18	62	285140	49.115	ug/l	99
43) Isopropyl Acetate	6.43	43	508651	54.990	ug/l	99
44) Trichloroethene	7.21	130	235347	50.471	ug/l	98
45) 1,2-Dichloropropane	7.51	63	215982	52.723	ug/l	97
46) Dibromomethane	7.65	93	141421	50.504	ug/l	98
47) Bromodichloromethane	7.89	83	283161	51.000	ug/l	96
48) Methyl methacrylate	7.76	41	251648	55.281	ug/l	98
49) 1,4-Dioxane	7.73	88	99648	1170.800	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1603448	287.085	ug/l	99
52) Toluene	8.78	92	516508	50.627	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	310913	51.096	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	343494	51.100	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	217682	52.738	ug/l	98
56) Ethyl methacrylate	9.17	69	343697	55.398	ug/l	98
57) 1,3-Dichloropropane	9.37	76	362570	52.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	882491	271.982	ug/l	99
59) 2-Hexanone	9.48	43	1216981	277.211	ug/l	99
60) Dibromochloromethane	9.57	129	236141	53.161	ug/l	99
61) 1,2-Dibromoethane	9.67	107	228039	51.203	ug/l	100
64) Tetrachloroethene	9.33	164	221434	42.745	ug/l	97
65) Chlorobenzene	10.14	112	566534	50.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	213183	52.252	ug/l	99
67) Ethyl Benzene	10.25	91	986954	51.640	ug/l	99
68) m/p-Xylenes	10.35	106	749006	101.730	ug/l	99
69) o-Xylene	10.70	106	367227	51.886	ug/l	97
70) Styrene	10.71	104	643555	53.749	ug/l	99
71) Bromoform	10.85	173	184196	54.088	ug/l	100
73) Isopropylbenzene	11.01	105	971607	50.905	ug/l	100
74) N-amyl acetate	10.89	43	437762	55.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333874	53.512	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	389161	70.708	ug/l	90
77) Bromobenzene	11.25	156	266361	49.999	ug/l	99
78) n-propylbenzene	11.35	91	1114182	50.471	ug/l	100
79) 2-Chlorotoluene	11.42	91	654773	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	808156	50.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113398	52.739	ug/l	98
82) 4-Chlorotoluene	11.51	91	765631	49.817	ug/l	99
83) tert-Butylbenzene	11.76	119	805685	53.349	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	821555	51.117	ug/l	99
85) sec-Butylbenzene	11.94	105	945923	50.419	ug/l	99
86) p-Isopropyltoluene	12.06	119	877975	50.009	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	467681	48.936	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	464036	47.547	ug/l	100
89) n-Butylbenzene	12.39	91	774434	49.253	ug/l	100
90) Hexachloroethane	12.59	117	159421	51.997	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	462609	49.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72860	49.776	ug/l	99

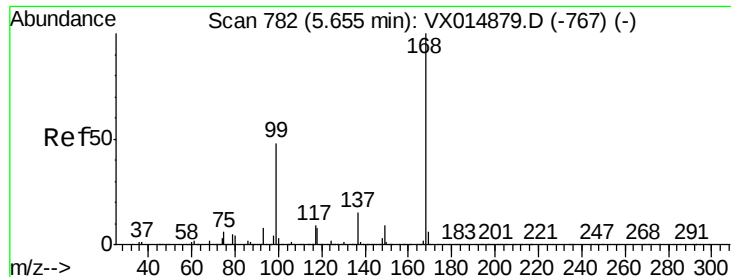
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	339037	49.010	ug/l	97
94) Hexachlorobutadiene	13.78	225	159085	47.545	ug/l	98
95) Naphthalene	13.83	128	1010705	54.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	333236	49.859	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

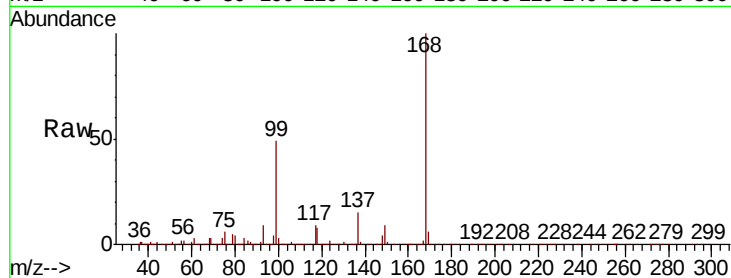
VSTDCCC050EC

Tot Ion:168 Resp: 393871

Ion Ratio Lower Upper

168 100

99 48.6 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

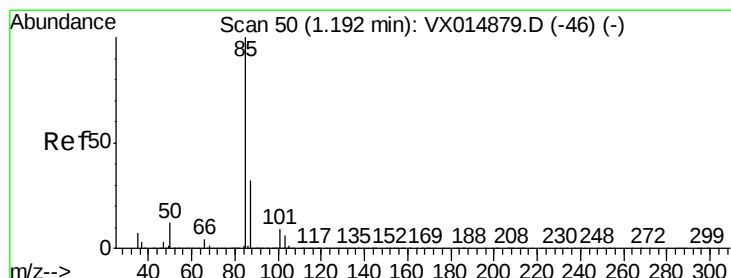
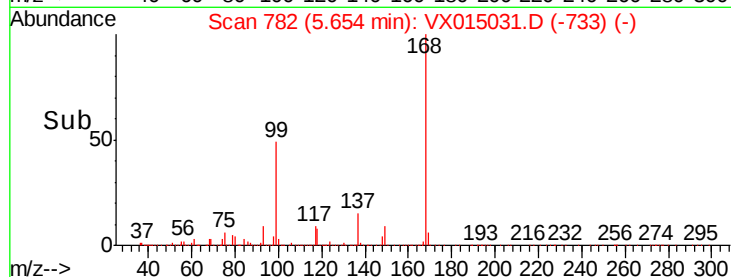
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.200 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015031.D

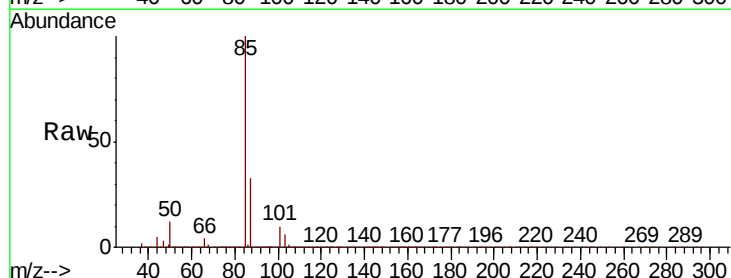
Acq: 26 Feb 2020 19:08

Tgt Ion: 85 Resp: 168599

Ion Ratio Lower Upper

85 100

87 32.7 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

200000

150000

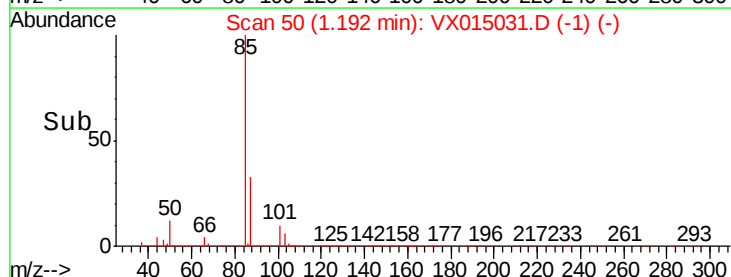
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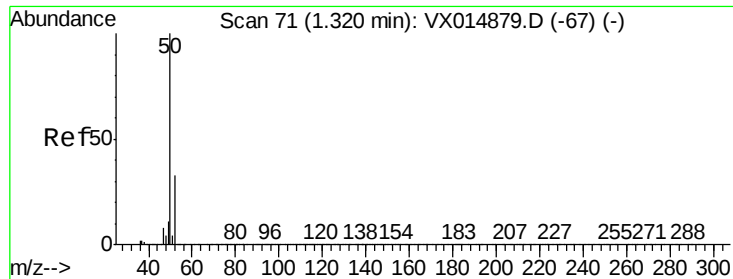
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1.10 1.15 1.20 1.25

Time-->

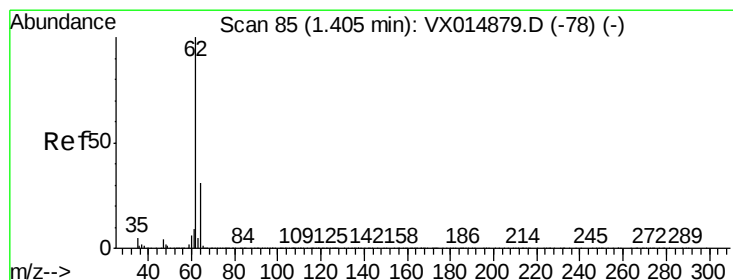
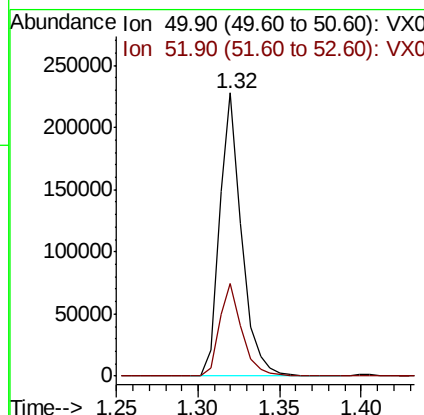
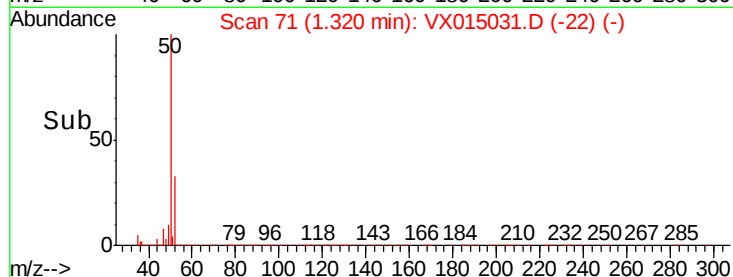
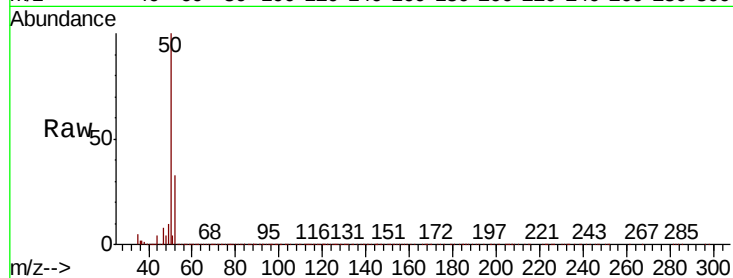




#3
Chloromethane
Concen: 50.749 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

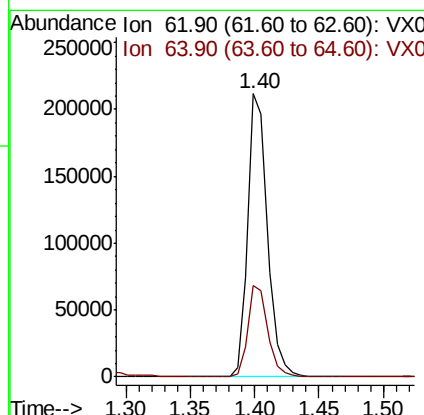
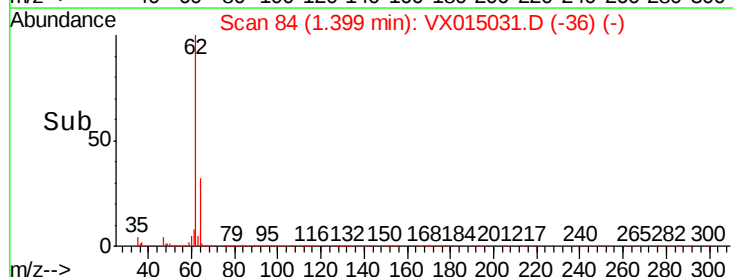
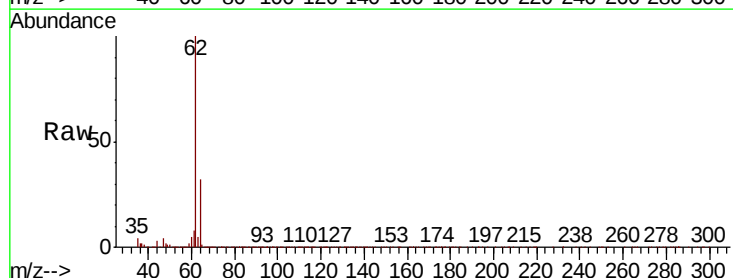
Instrument :
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ClientSampleId :
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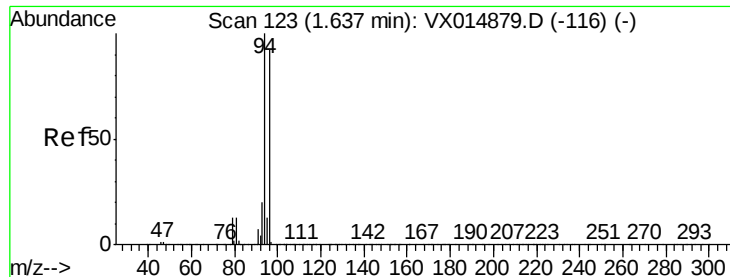
Tot Ion: 50 Resp: 214613
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 48.650 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 62 Resp: 221631
Ion Ratio Lower Upper
62 100
64 31.9 24.8 37.2





#5

Bromomethane

Concen: 43.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

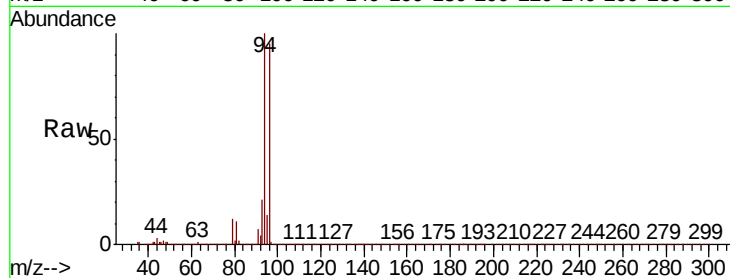
VSTDCCC050EC

Tot Ion: 94 Resp: 128469

Ion Ratio Lower Upper

94 100

96 94.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

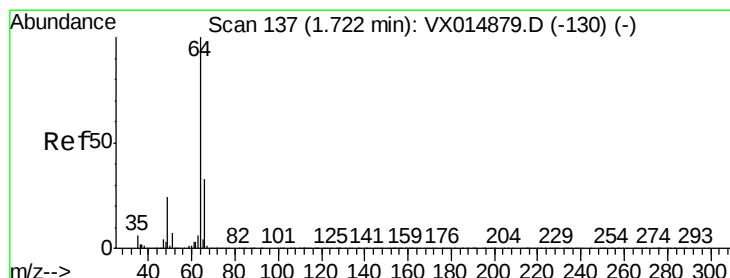
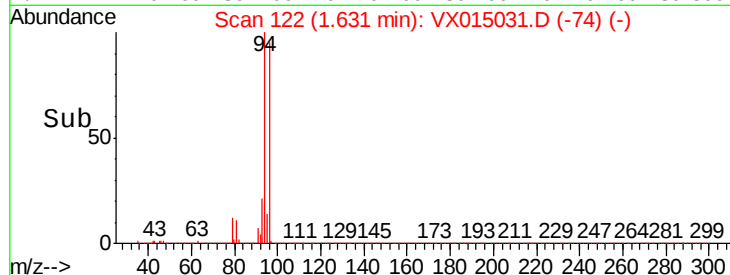
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.636 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015031.D

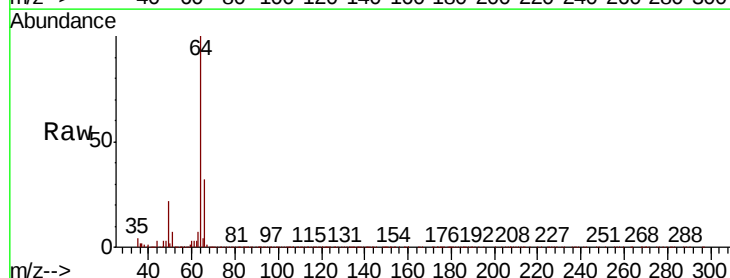
Acq: 26 Feb 2020 19:08

Tgt Ion: 64 Resp: 138855

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

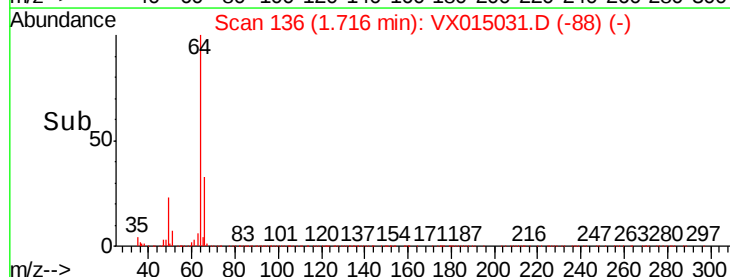
60000

40000

20000

0

Time-->



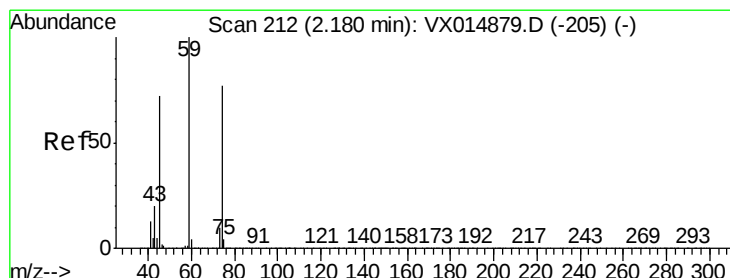
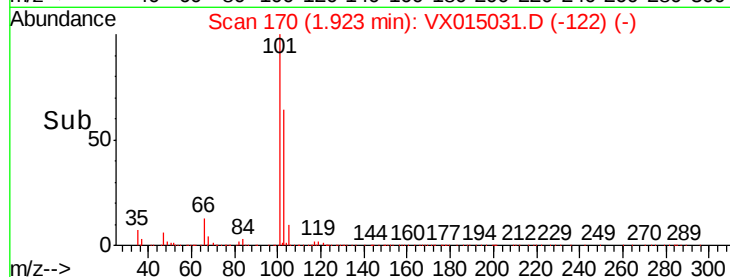
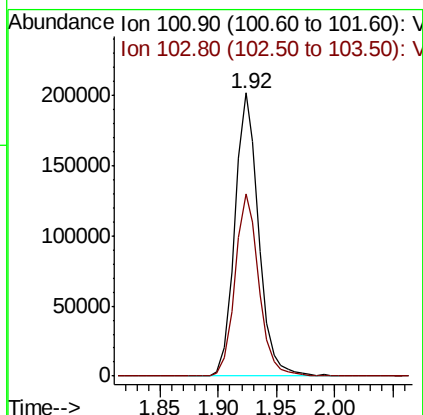
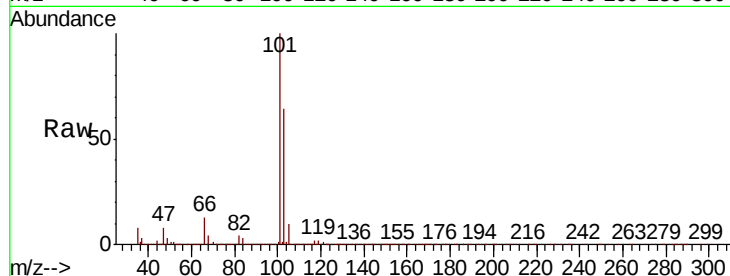


#7

Trichlorofluoromethane
Concen: 44.942 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

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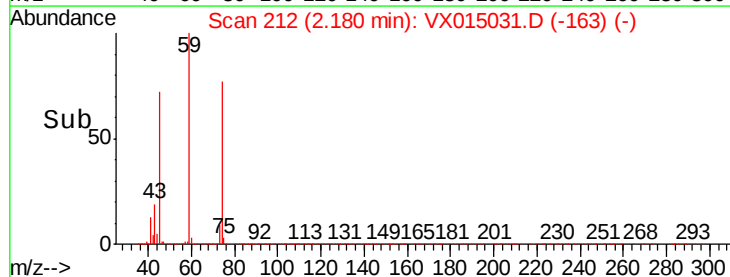
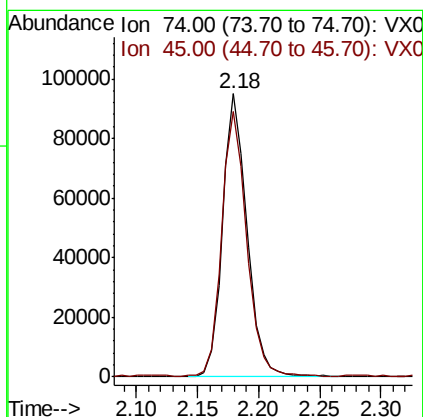
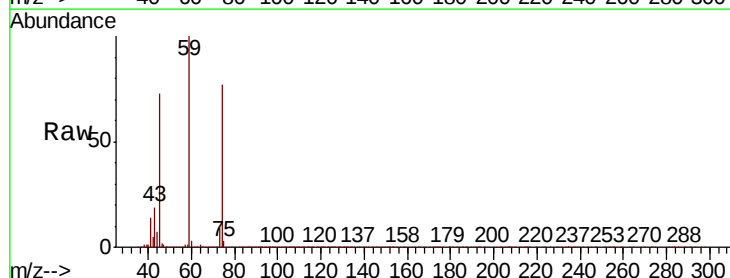
Tot Ion:101 Resp: 286053
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

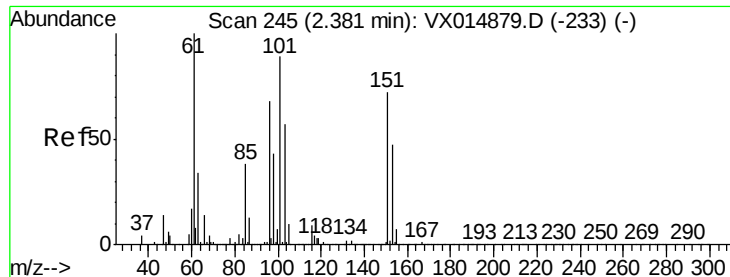


#8

Diethyl Ether
Concen: 49.418 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 74 Resp: 130435
Ion Ratio Lower Upper
74 100
45 95.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.043 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

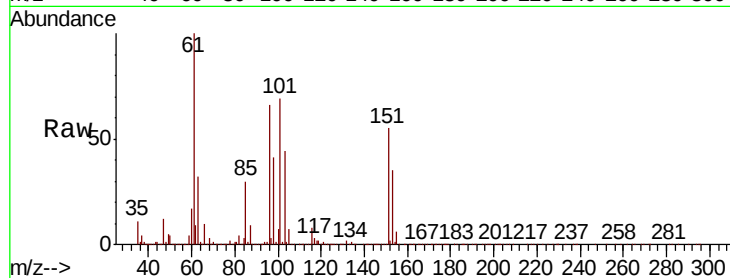
Tot Ion:101 Resp: 177500

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

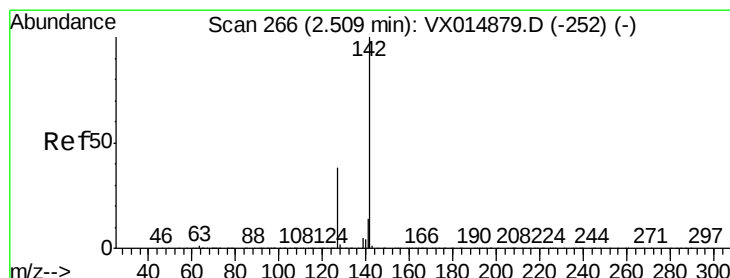
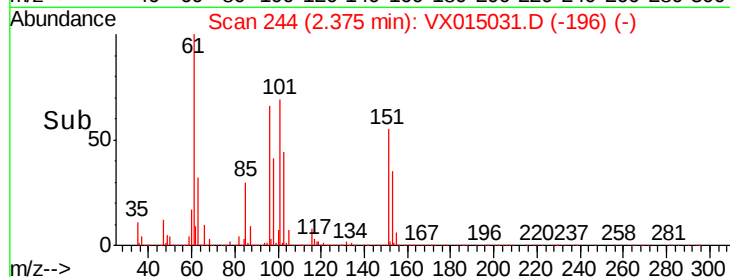
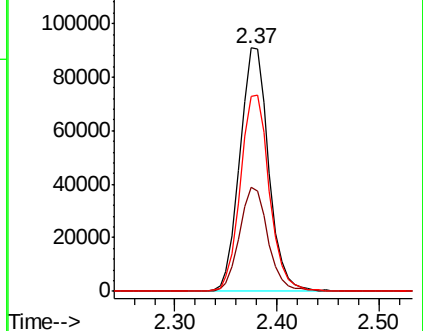
151 81.2 67.3 100.9



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: 49.026 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

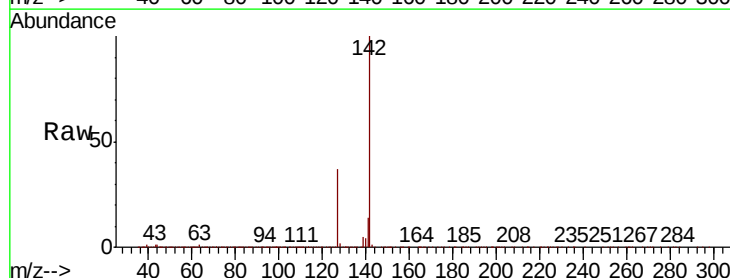
Tgt Ion:142 Resp: 201543

Ion Ratio Lower Upper

142 100

127 38.9 31.1 46.7

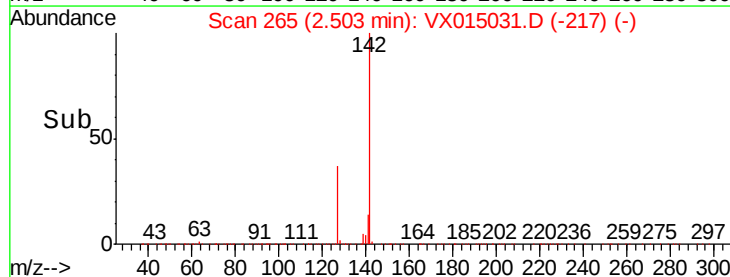
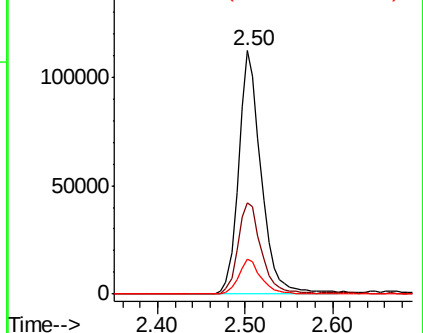
141 14.6 11.3 16.9

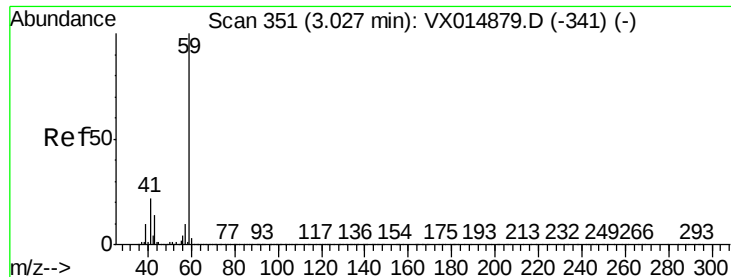


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



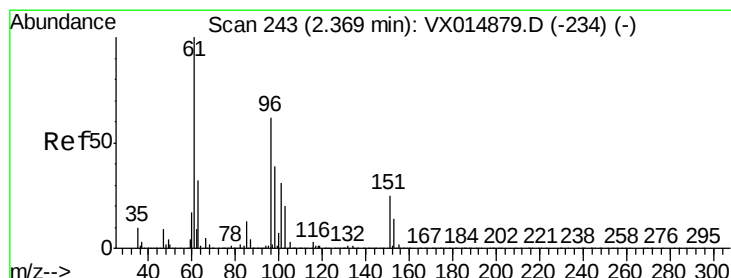
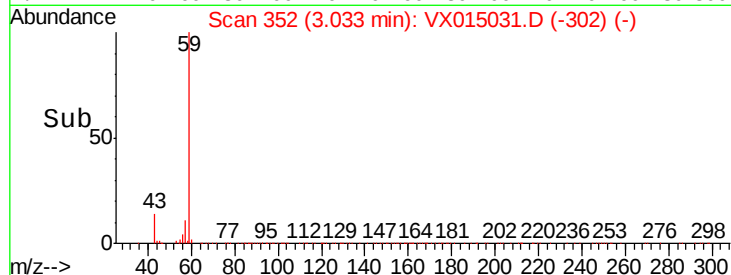
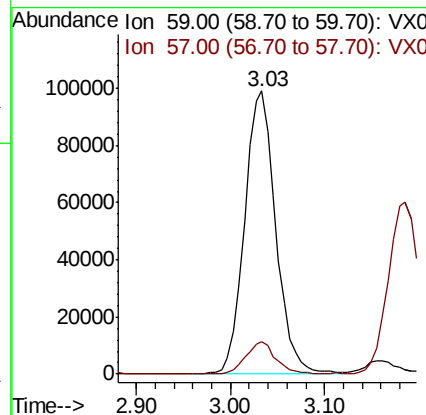
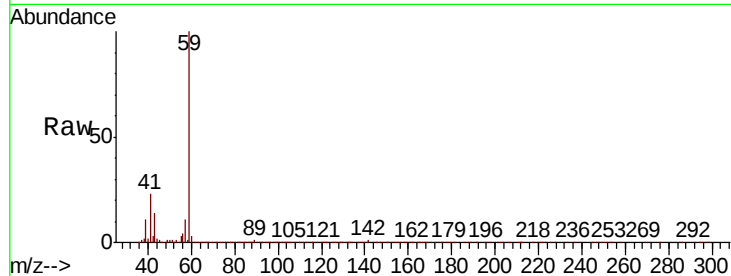


#11

Tert butyl alcohol
Concen: 290.297 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

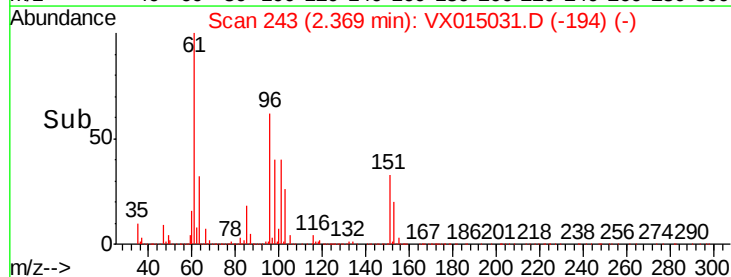
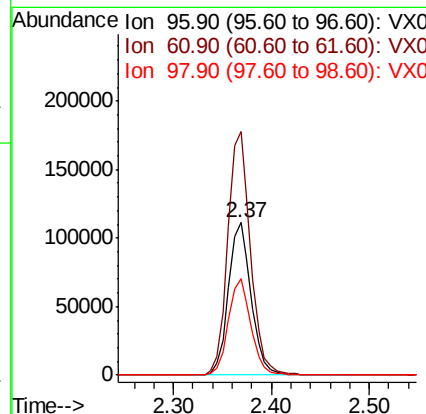
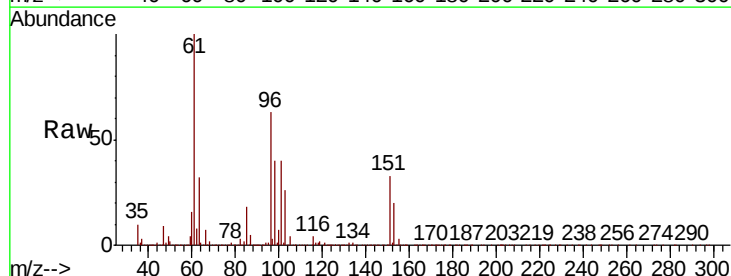
Tot Ion: 59 Resp: 227840
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

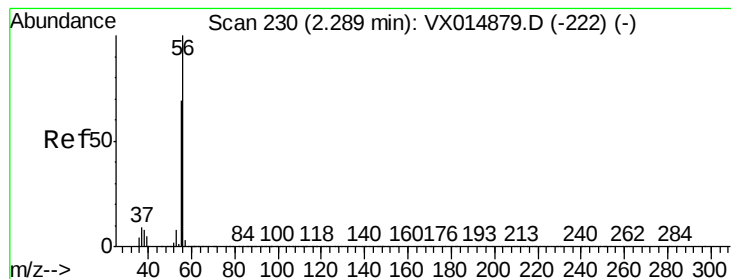


#12

1,1-Dichloroethene
Concen: 49.363 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 96 Resp: 178212
Ion Ratio Lower Upper
96 100
61 159.9 129.5 194.3
98 63.5 50.6 76.0





#13

Acrolein

Concen: 213.499 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

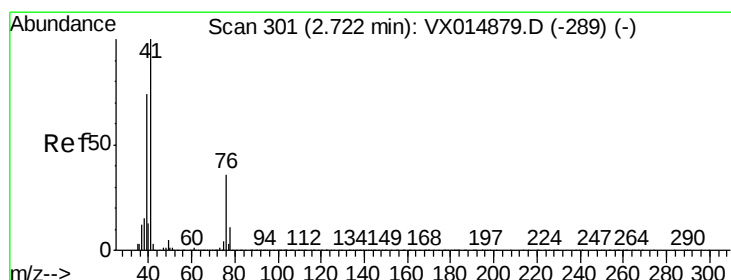
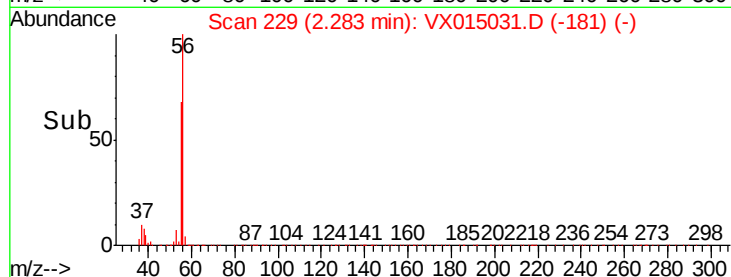
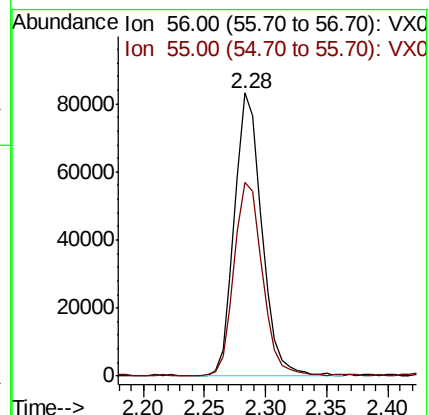
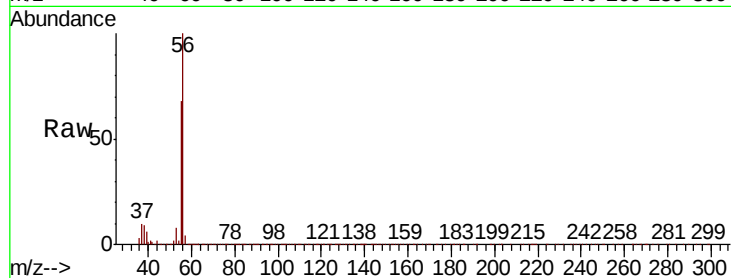
VSTDCCC050EC

Tot Ion: 56 Resp: 127712

Ion Ratio Lower Upper

56 100

55 71.0 55.0 82.4



#14

Allyl chloride

Concen: 50.585 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

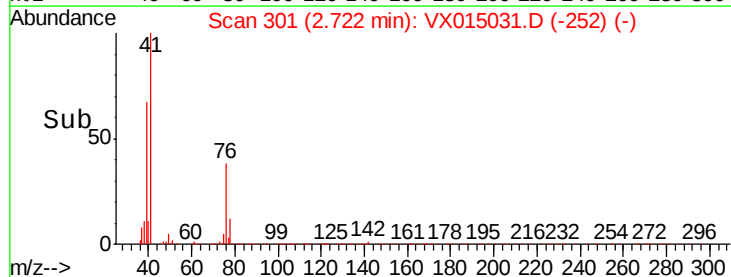
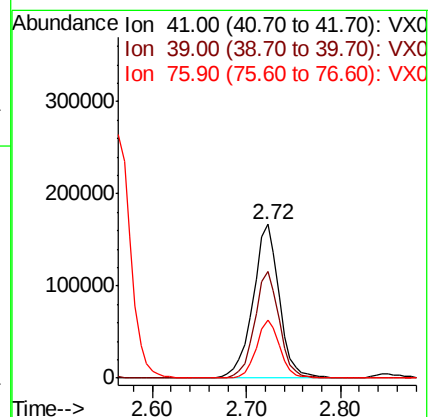
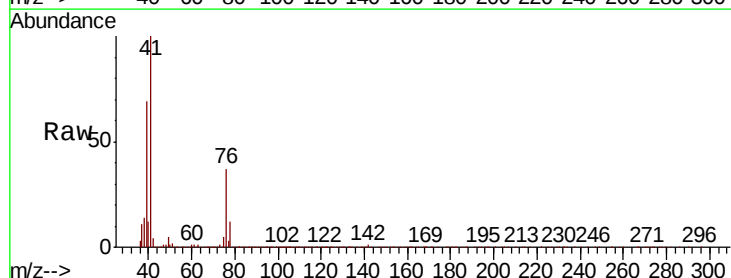
Tgt Ion: 41 Resp: 323786

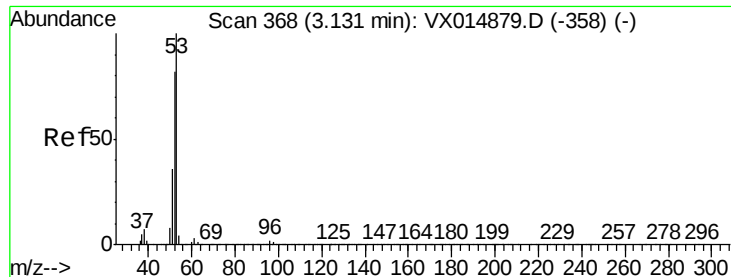
Ion Ratio Lower Upper

41 100

39 64.5 55.2 82.8

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 288.793 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

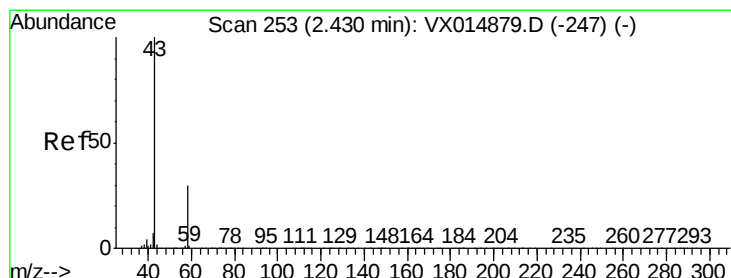
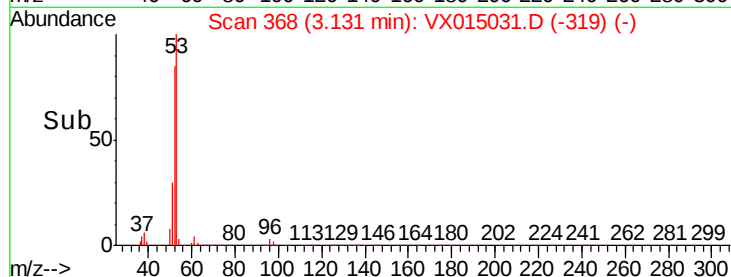
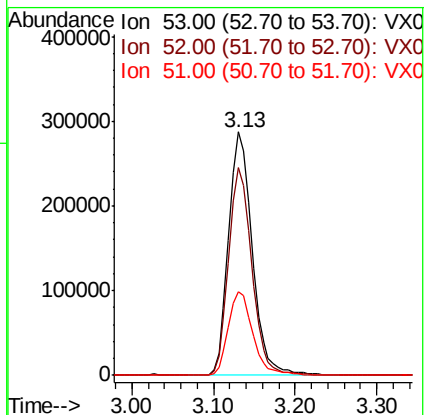
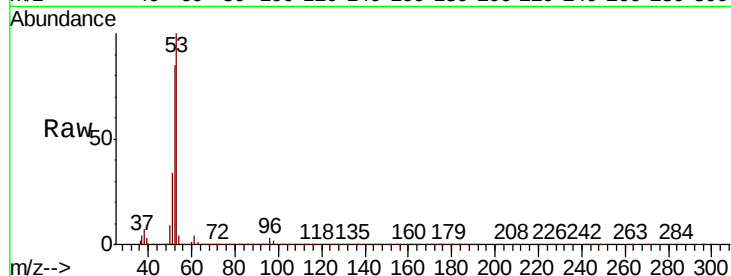
Tot Ion: 53 Resp: 574601

Ion Ratio Lower Upper

53 100

52 84.1 65.8 98.6

51 35.4 29.1 43.7



#16

Acetone

Concen: 195.832 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX015031.D

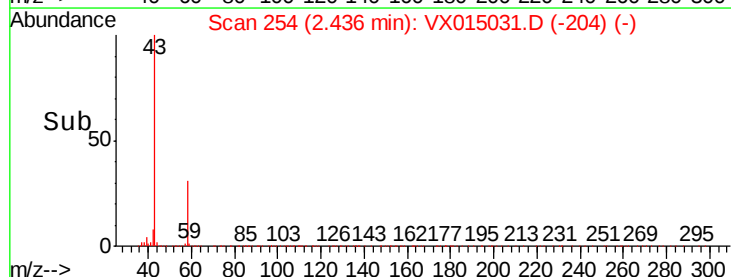
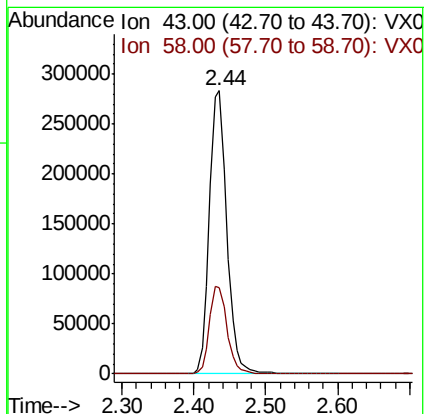
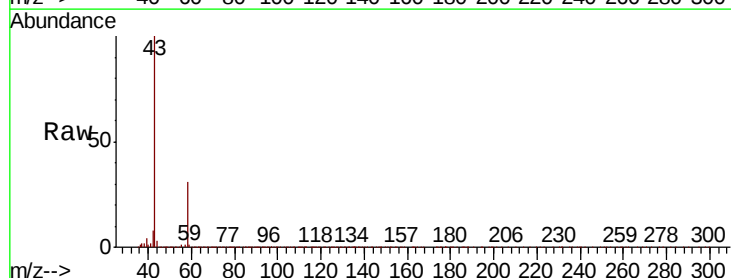
Acq: 26 Feb 2020 19:08

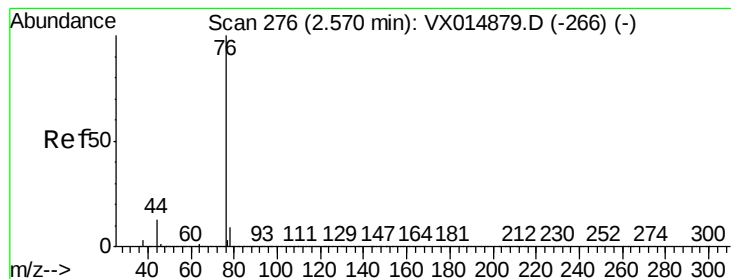
Tgt Ion: 43 Resp: 473263

Ion Ratio Lower Upper

43 100

58 30.5 24.1 36.1





#17

Carbon Disulfide

Concen: 43.432 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

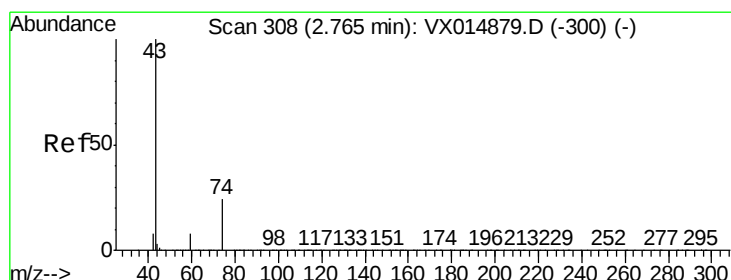
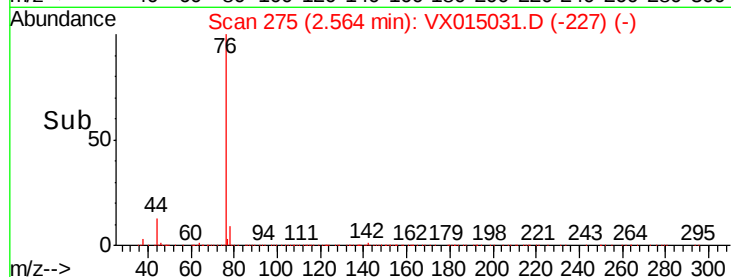
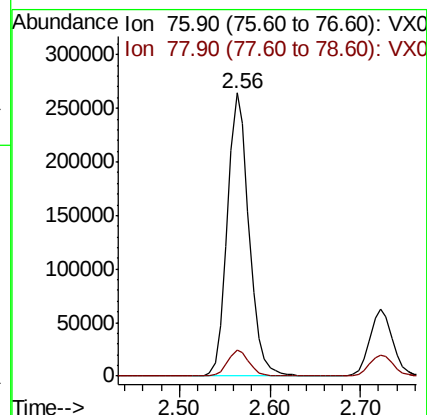
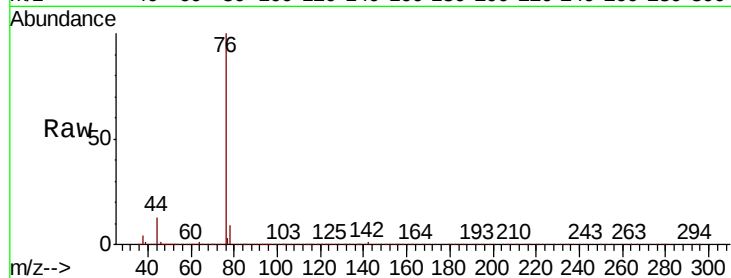
VSTDCCC050EC

Tot Ion: 76 Resp: 438097

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



#18

Methyl Acetate

Concen: 61.918 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015031.D

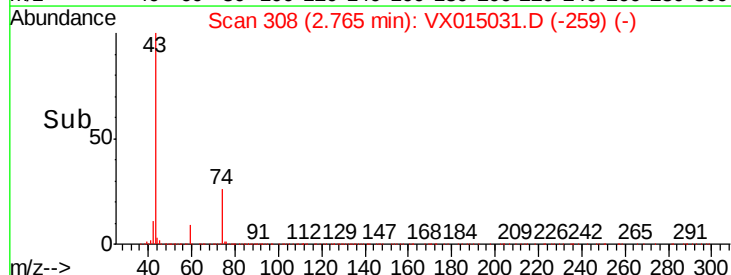
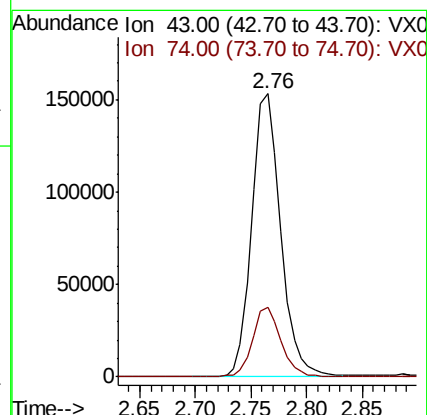
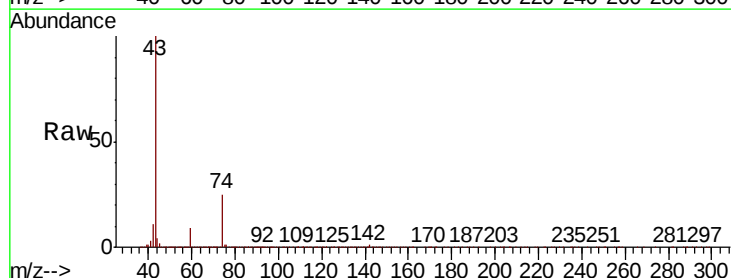
Acq: 26 Feb 2020 19:08

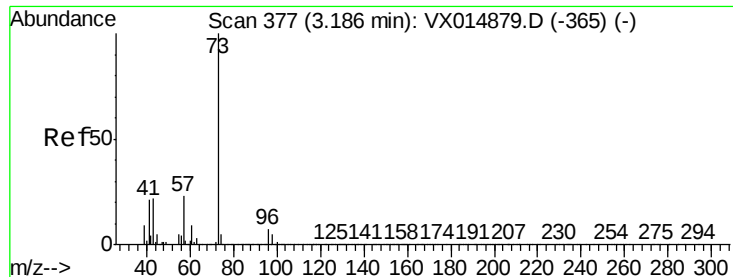
Tgt Ion: 43 Resp: 277203

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.0

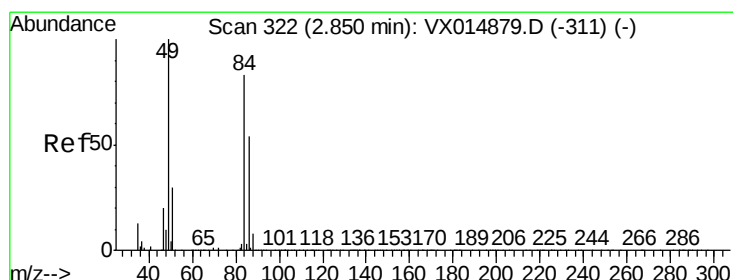
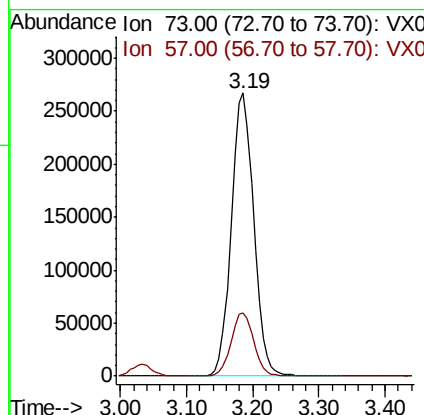
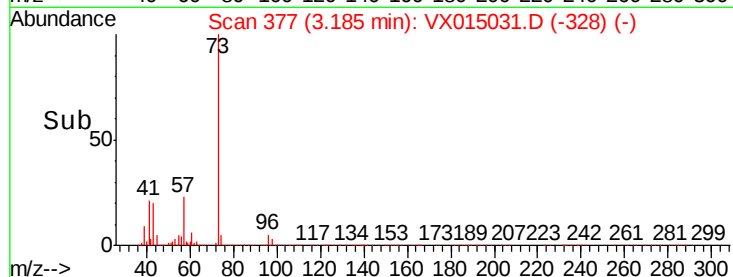
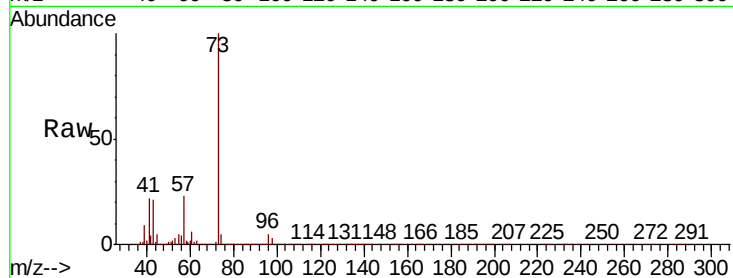




#19
Methvl tert-butvl Ether
Concen: 53.155 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

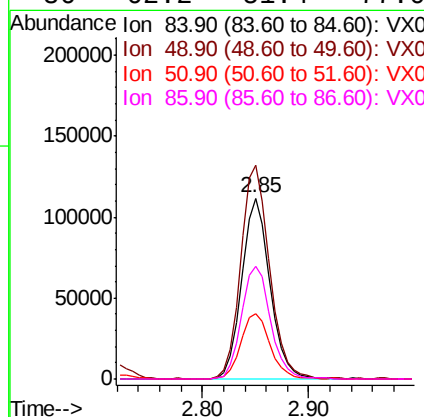
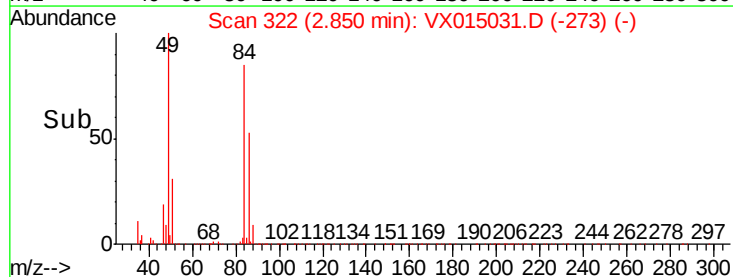
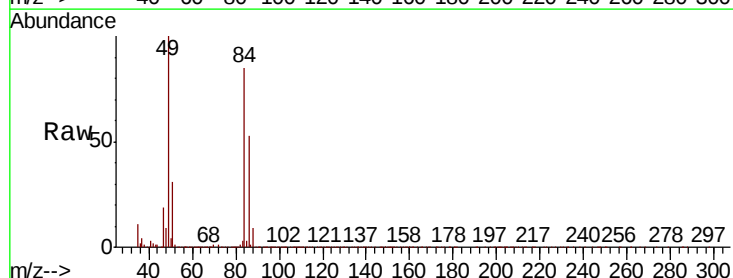
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

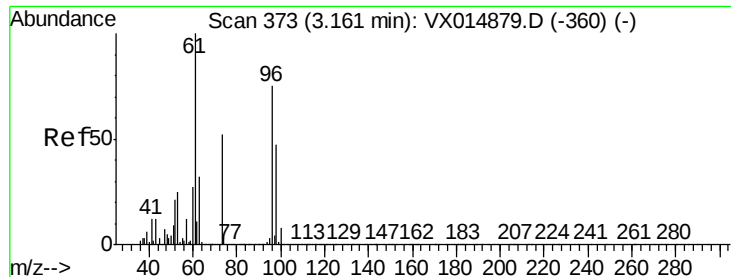
Tot Ion: 73 Resp: 624541
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 48.618 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 84 Resp: 207893
Ion Ratio Lower Upper
84 100
49 118.2 95.6 143.4
51 35.8 29.0 43.6
86 62.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 48.447 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

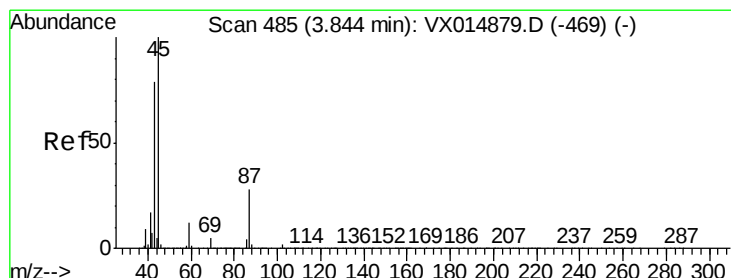
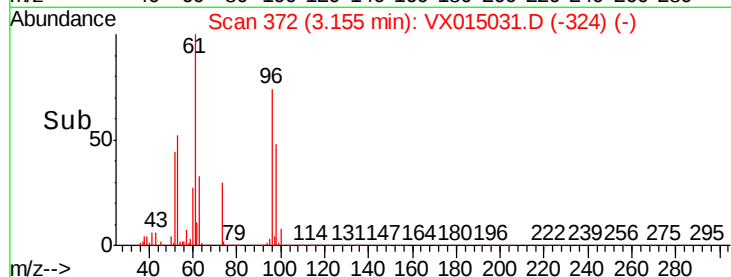
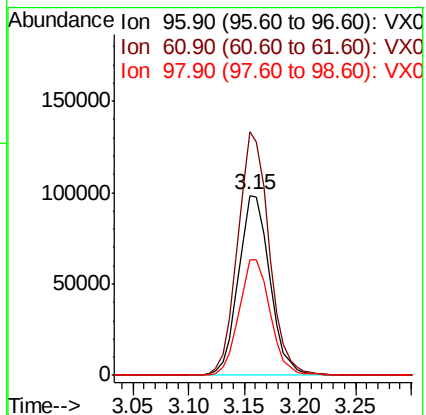
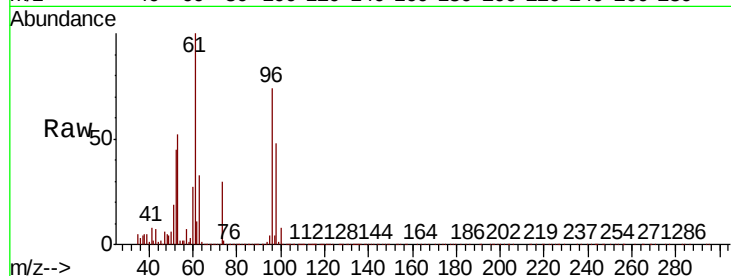
Tot Ion: 96 Resp: 192992

Ion Ratio Lower Upper

96 100

61 135.3 106.9 160.3

98 64.4 50.7 76.1



#22

Diisopropyl ether

Concen: 55.000 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion: 45 Resp: 672378

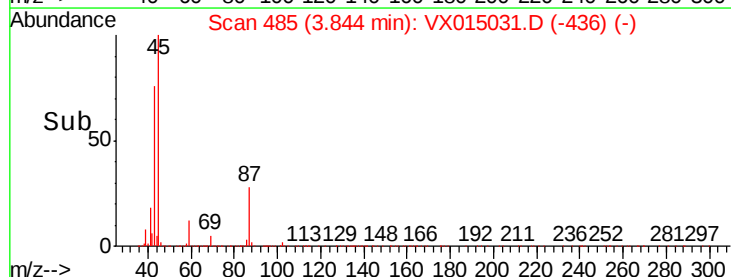
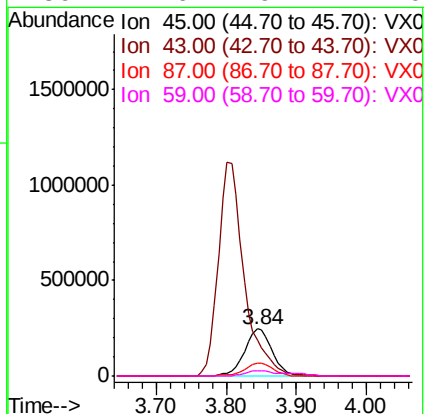
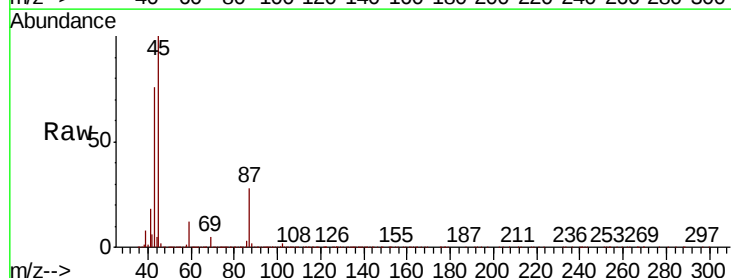
Ion Ratio Lower Upper

45 100

43 76.4 63.5 95.3

87 27.7 22.2 33.4

59 11.6 9.4 14.0





#23

Vinyl Acetate

Concen: 286.346 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

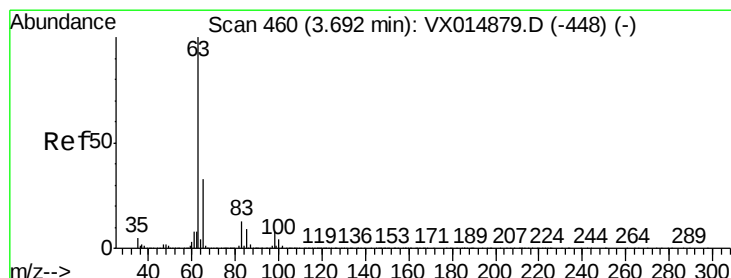
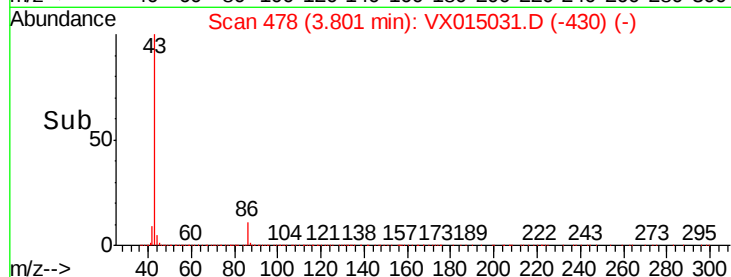
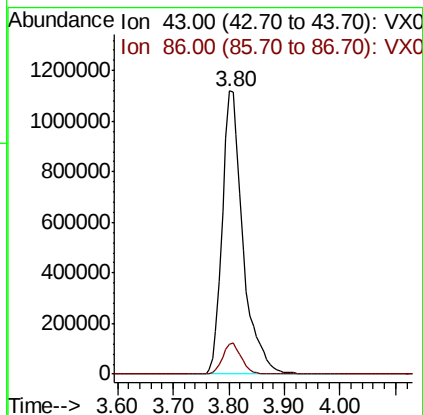
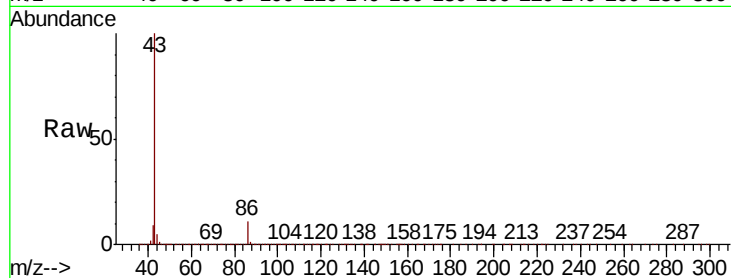
VSTDCCC050EC

Tot Ion: 43 Resp: 2885701

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 52.421 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

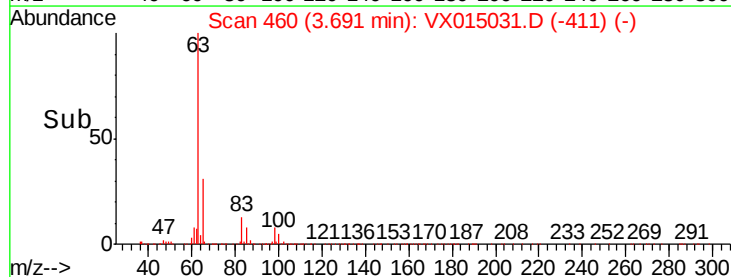
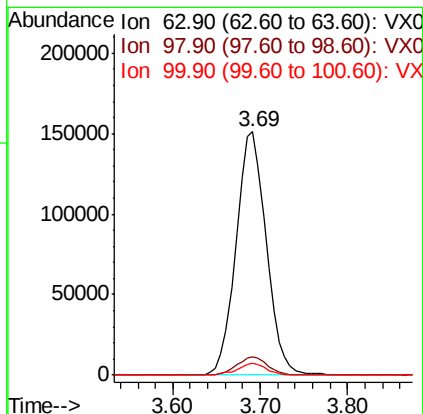
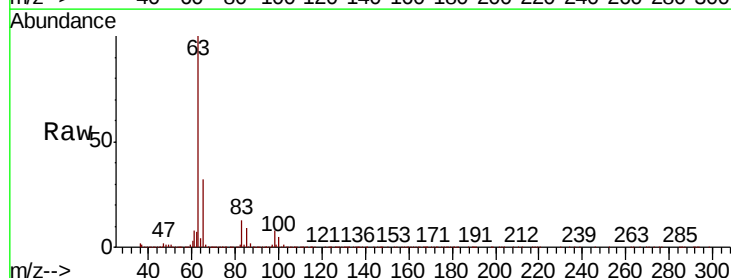
Tgt Ion: 63 Resp: 361681

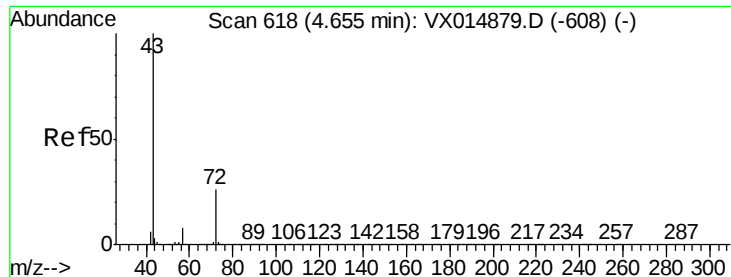
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 259.642 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

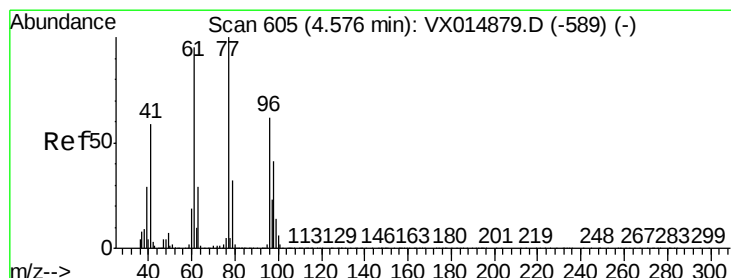
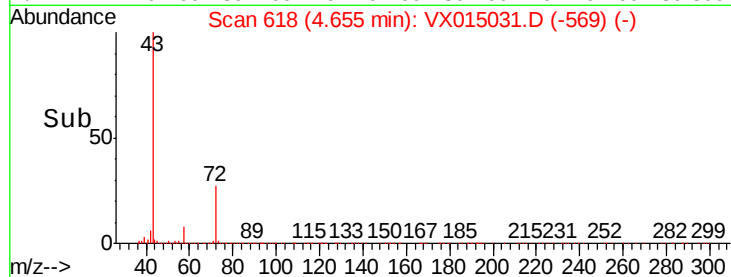
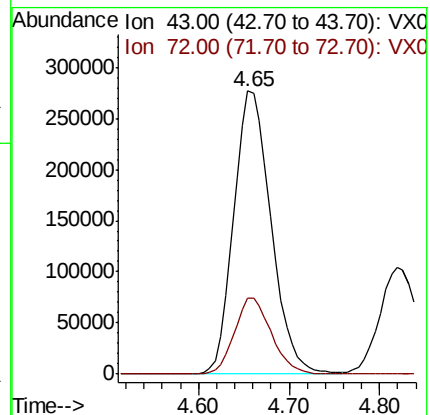
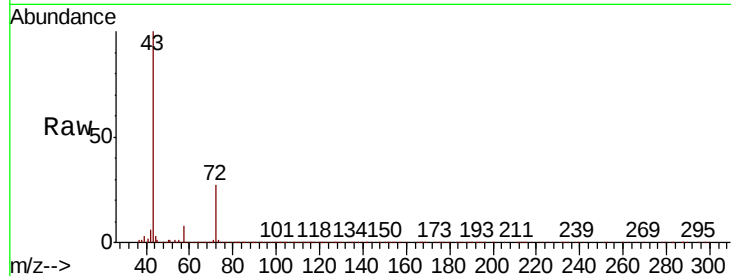
VSTDCCC050EC

Tot Ion: 43 Resp: 785742

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 45.813 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015031.D

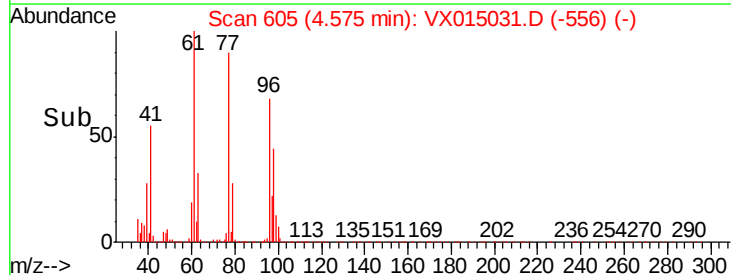
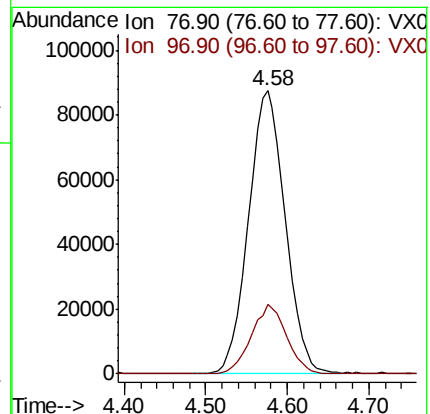
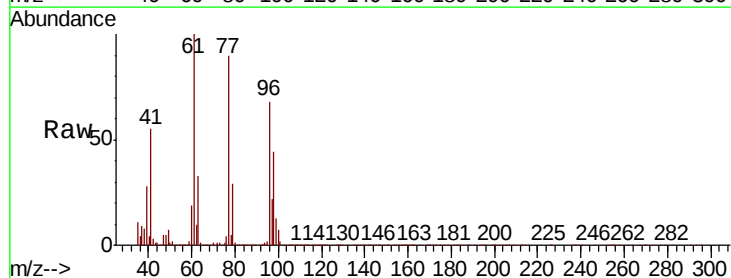
Acq: 26 Feb 2020 19:08

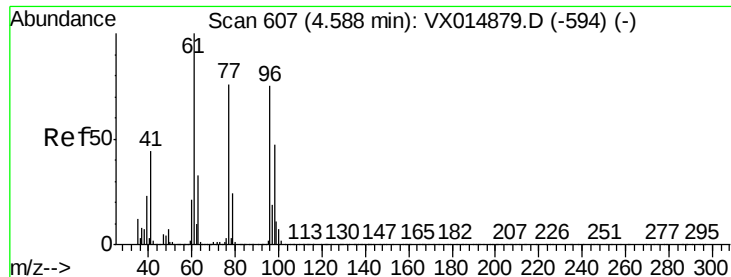
Tgt Ion: 77 Resp: 272401

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5



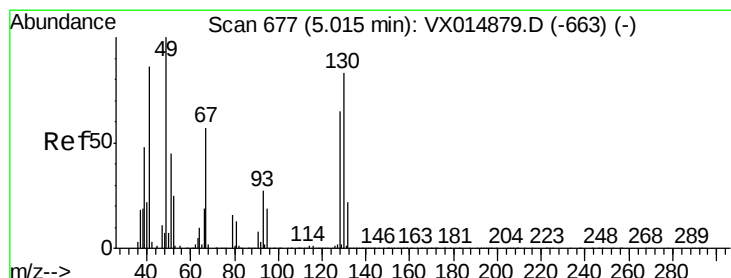
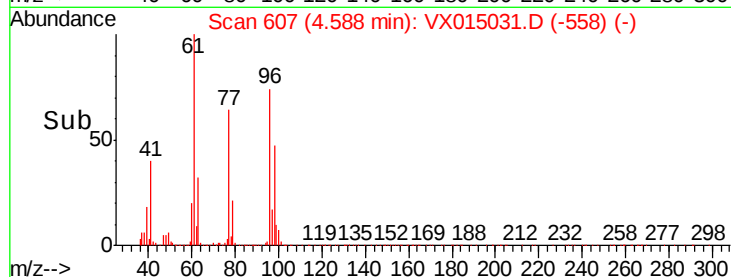
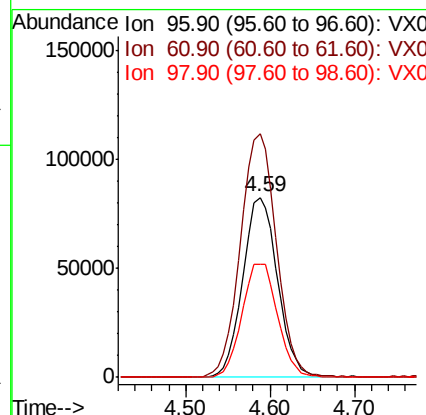
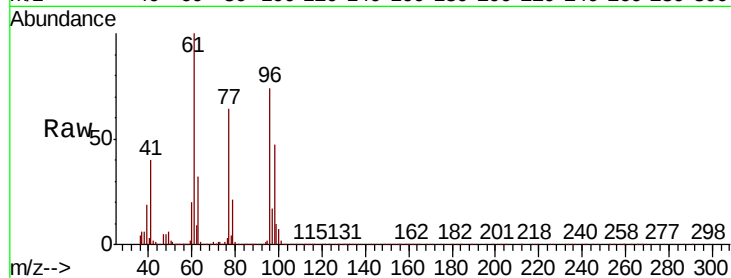


#27

cis-1,2-Dichloroethene
Concen: 51.995 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

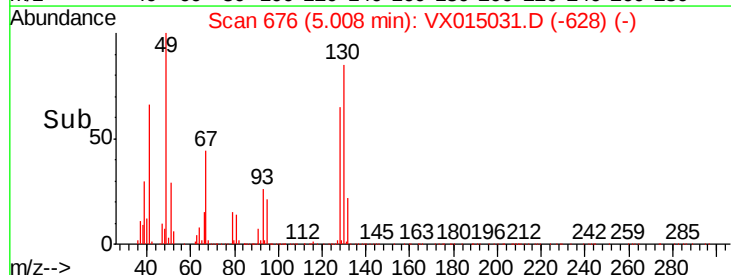
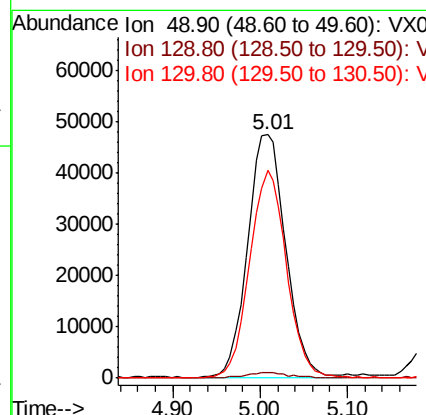
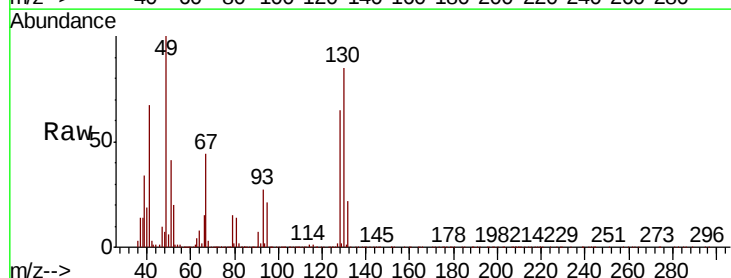
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	286.2
98	64.1	0.0	131.0

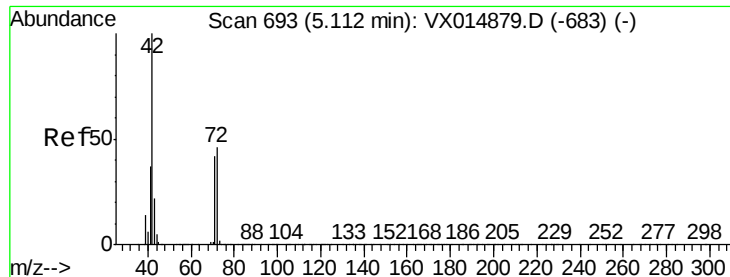


#28

Bromochloromethane
Concen: 53.848 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	83.0	67.4	101.2





#29

Tetrahydrofuran

Concen: 295.730 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

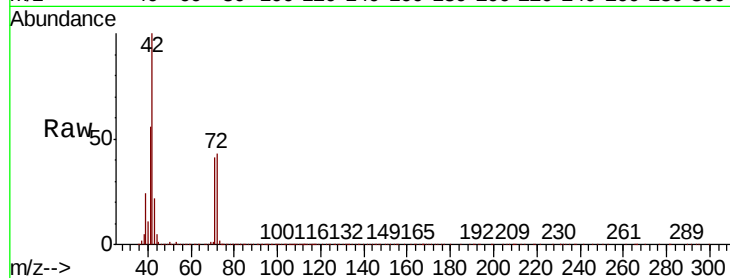
Tot Ion: 42 Resp: 508751

Ion Ratio Lower Upper

42 100

72 45.9 36.9 55.3

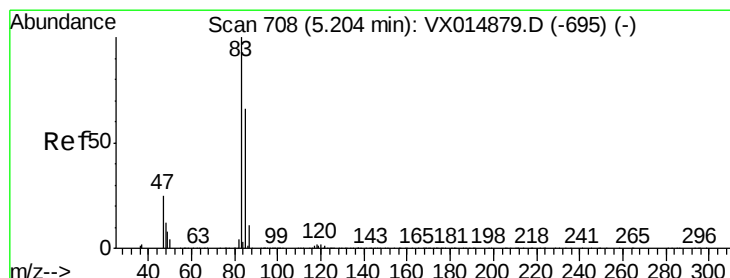
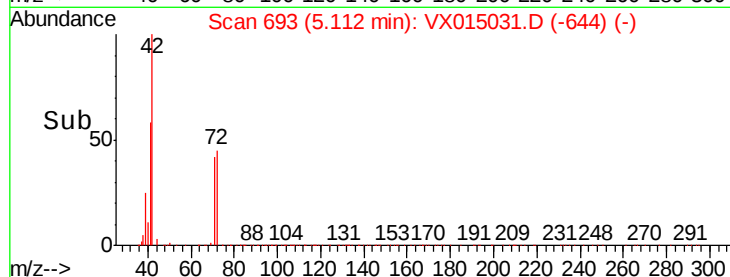
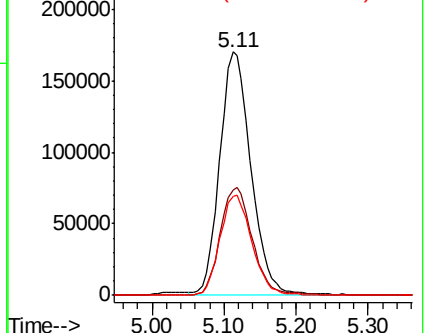
71 42.2 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.016 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX015031.D

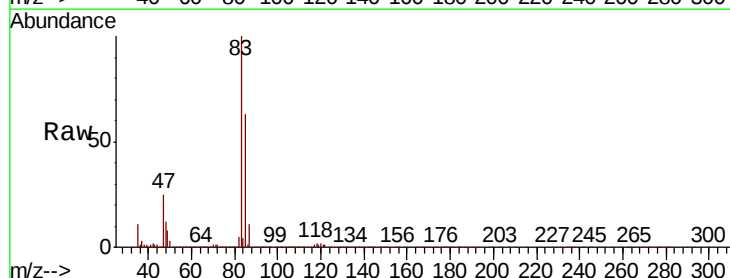
Acq: 26 Feb 2020 19:08

Tgt Ion: 83 Resp: 356070

Ion Ratio Lower Upper

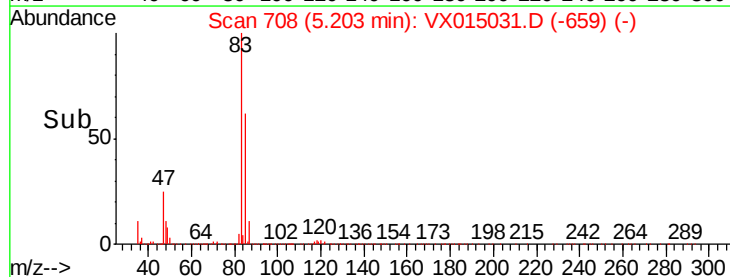
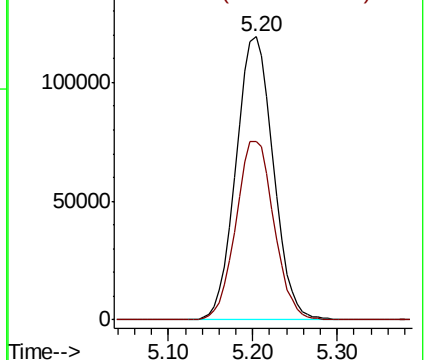
83 100

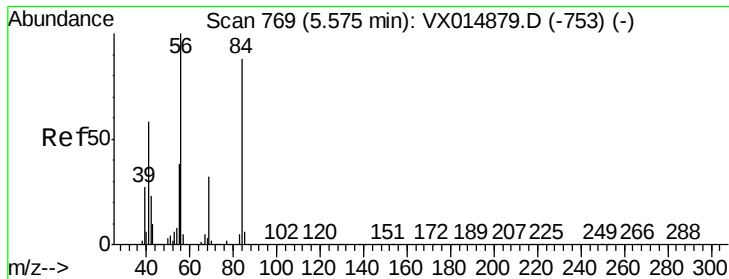
85 62.9 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

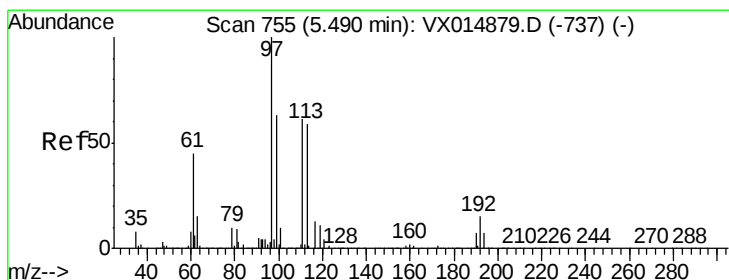
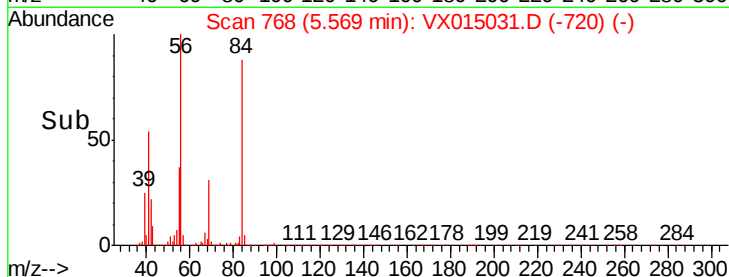
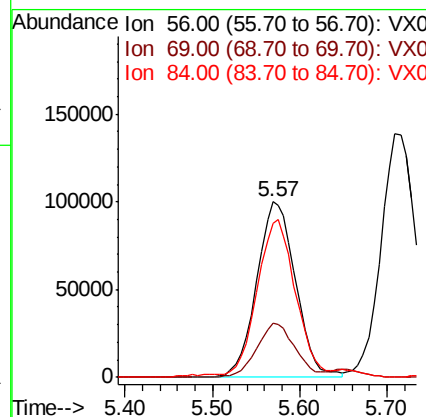
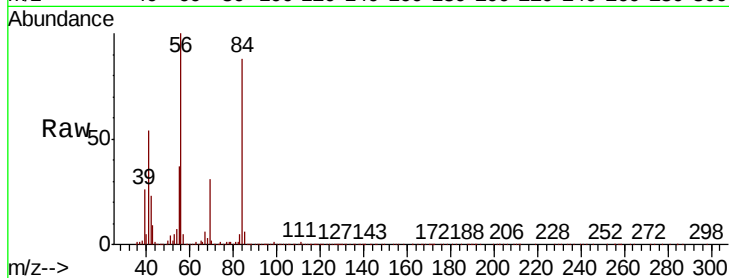




#31
Cyclohexane
Concen: 48.750 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

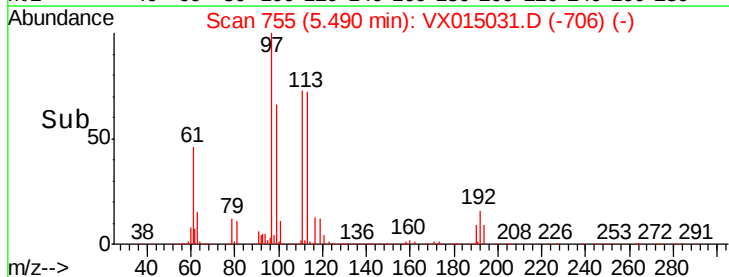
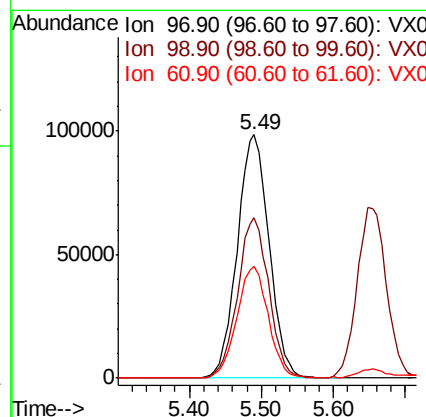
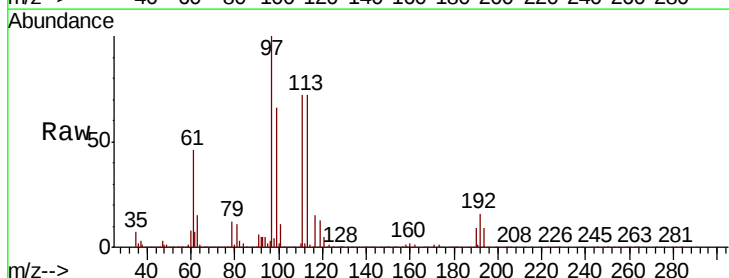
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

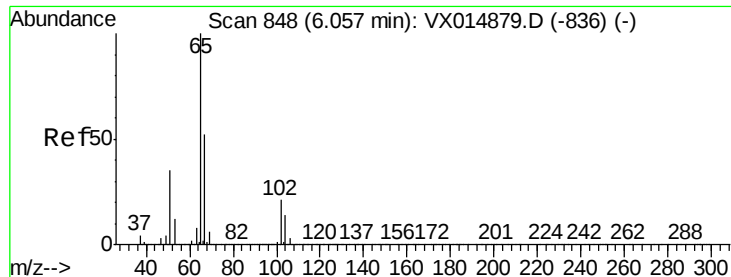
Tot Ion: 56 Resp: 306352
Ion Ratio Lower Upper
56 100
69 30.4 25.9 38.9
84 86.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 50.308 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 97 Resp: 301241
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 45.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.016 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

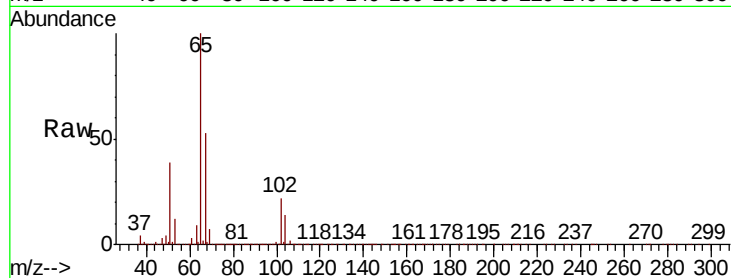
VSTDCCC050EC

Tot Ion: 65 Resp: 231217

Ion Ratio Lower Upper

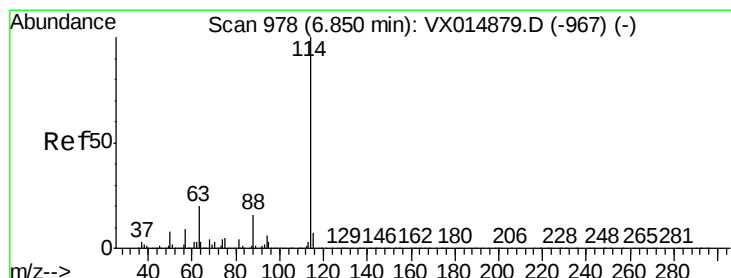
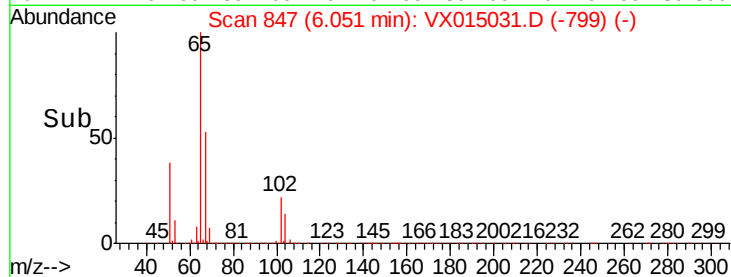
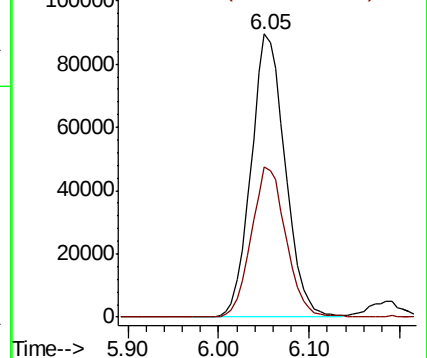
65 100

67 53.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

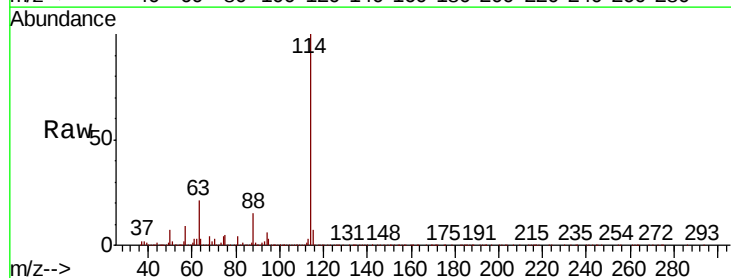
Tgt Ion: 114 Resp: 601001

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

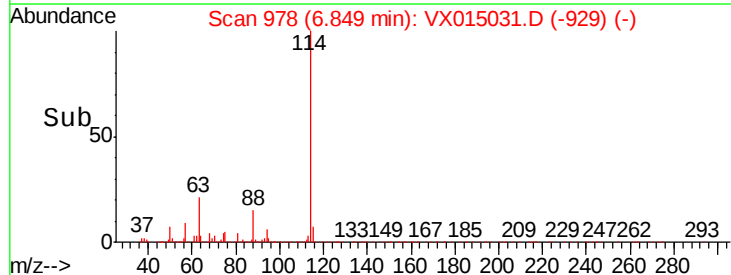
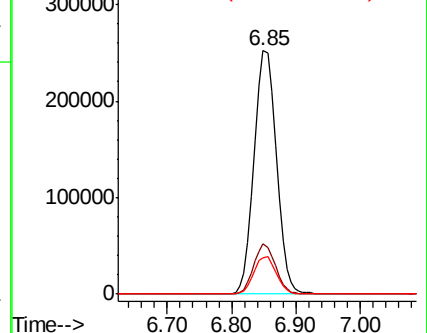
88 15.0 0.0 32.0

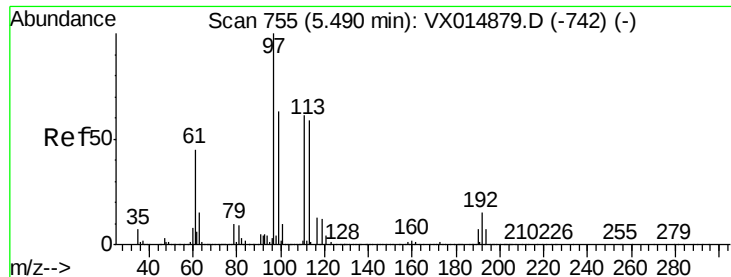


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

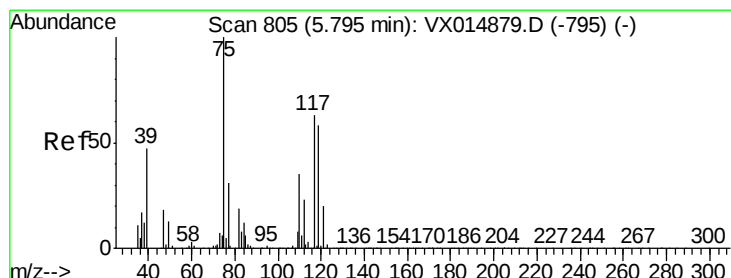
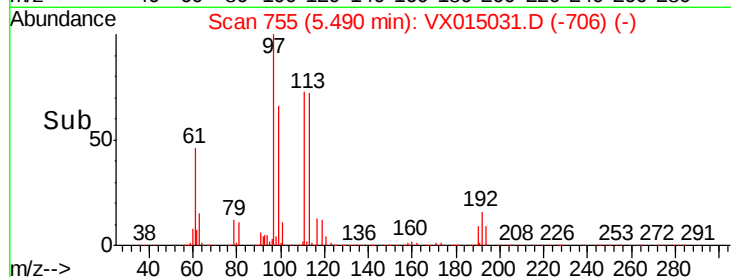
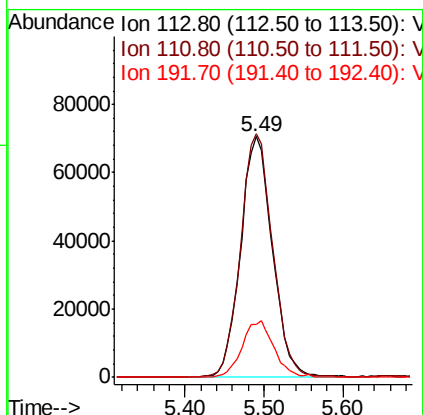
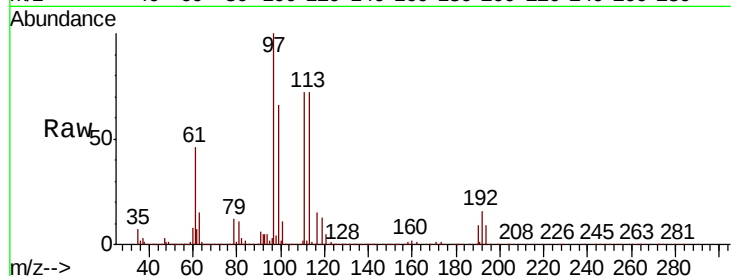




#35
 Dibromofluoromethane
 Concen: 53.636 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

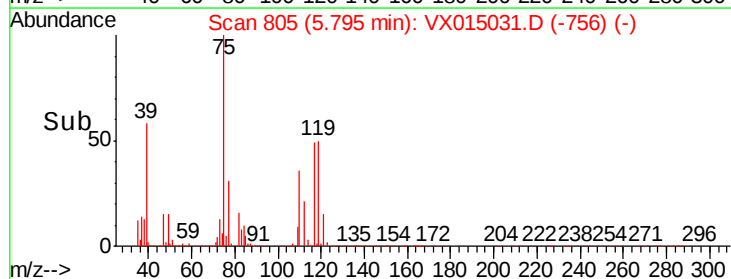
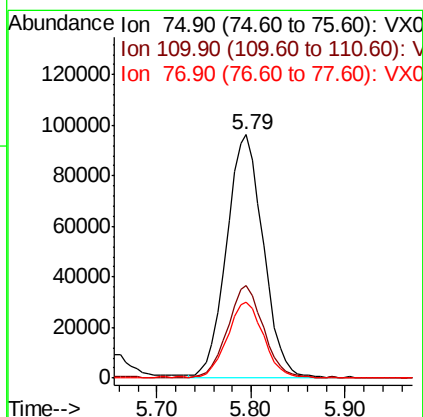
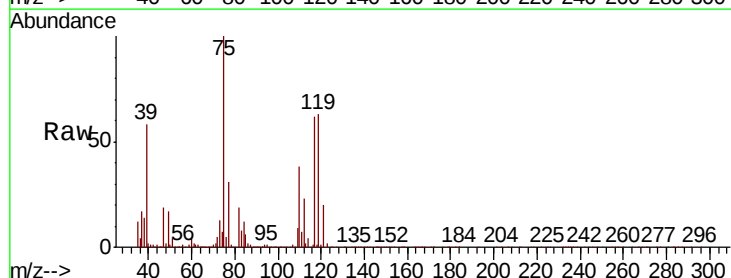
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

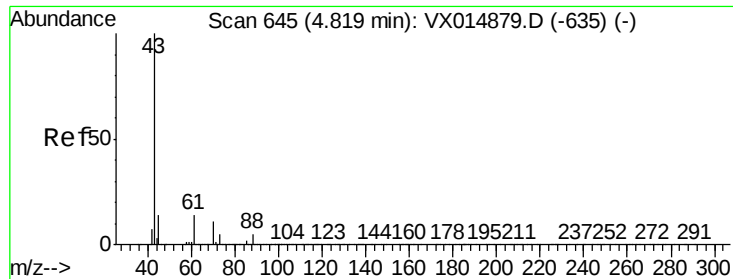
Tot Ion:113 Resp: 198174
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 23.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 48.174 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion: 75 Resp: 258991
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.3 54.8
 77 30.9 24.6 36.8

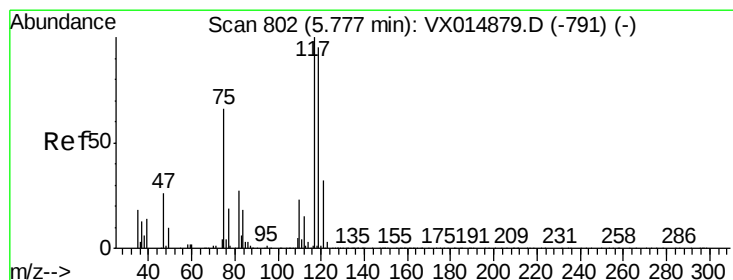
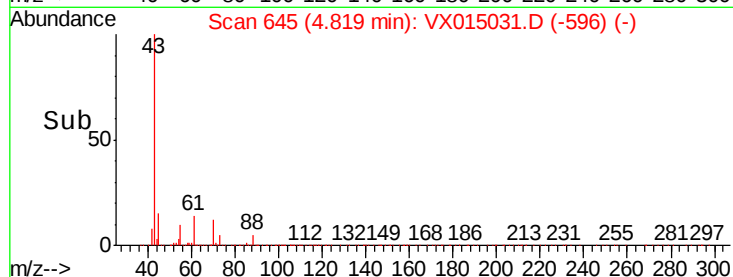
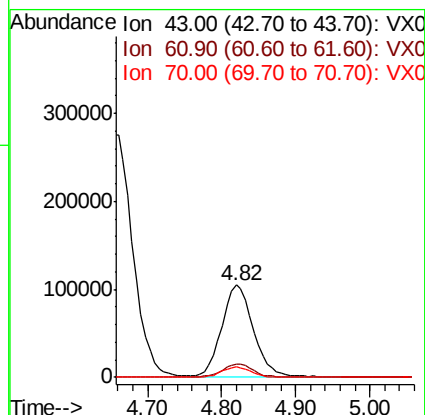
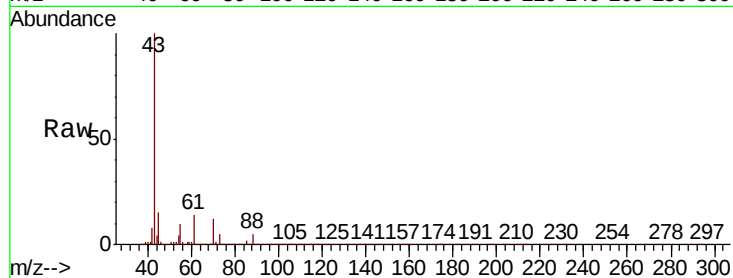




#37
Ethyl Acetate
Concen: 55.168 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

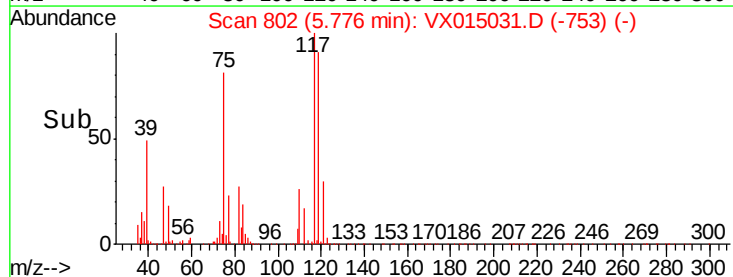
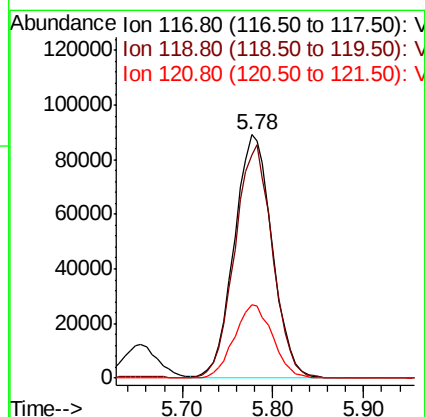
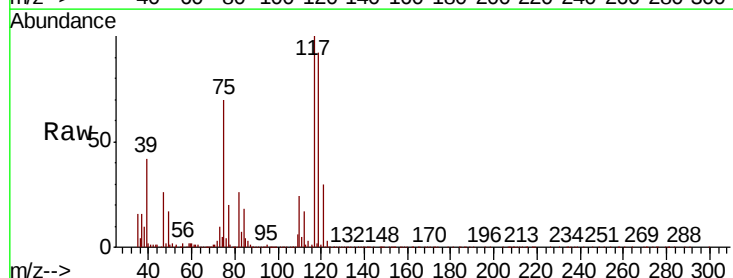
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

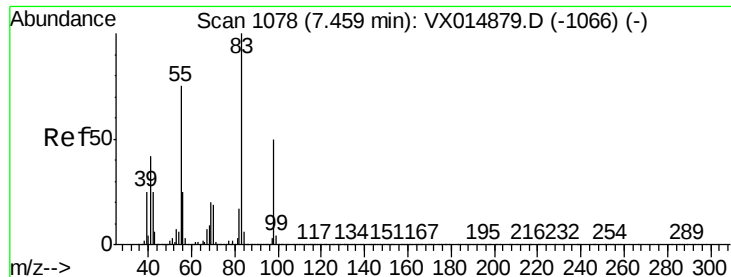
Tot Ion:	43	Resp:	309341
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 49.111 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:	117	Resp:	257303
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.0	114.0
121	30.3	25.4	38.2

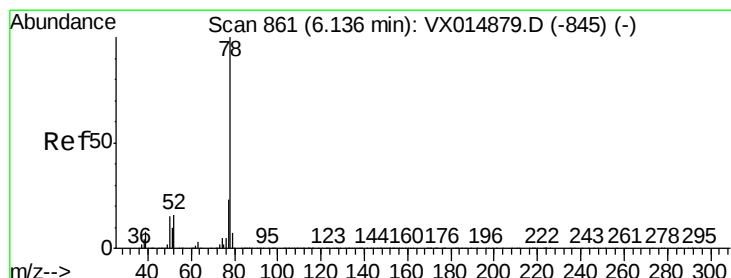
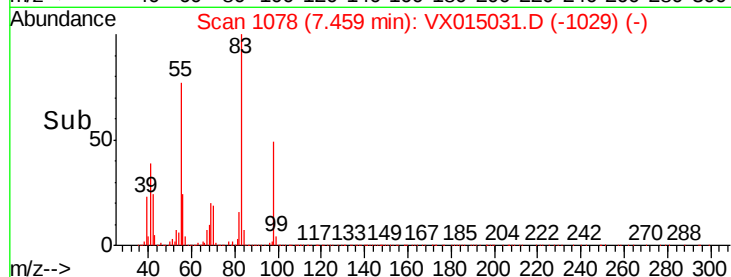
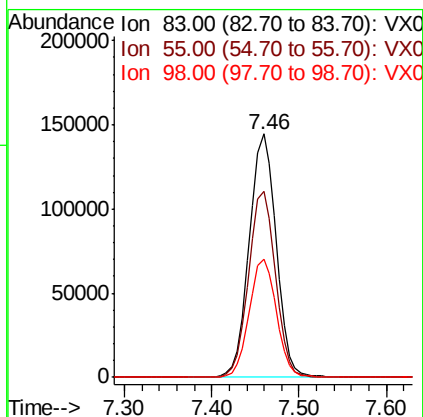
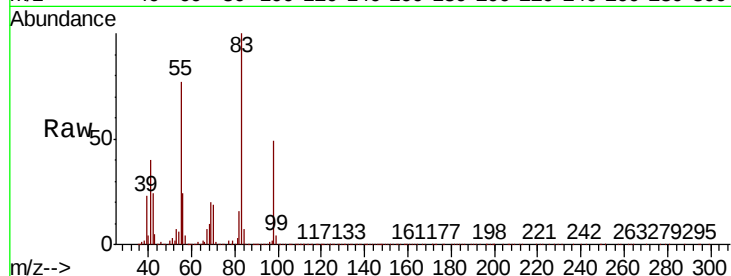




#39
Methvlcvclohexane
Concen: 46.122 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

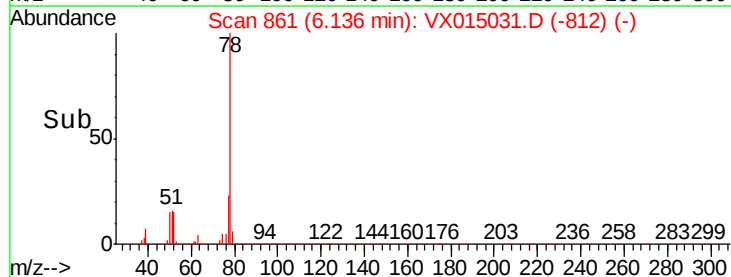
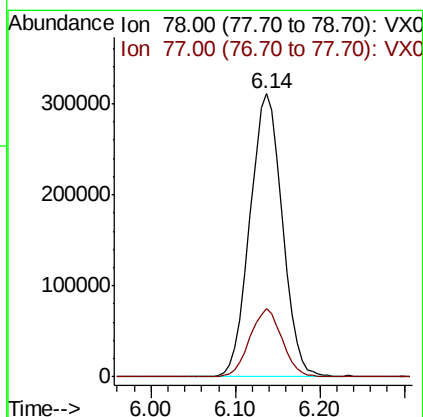
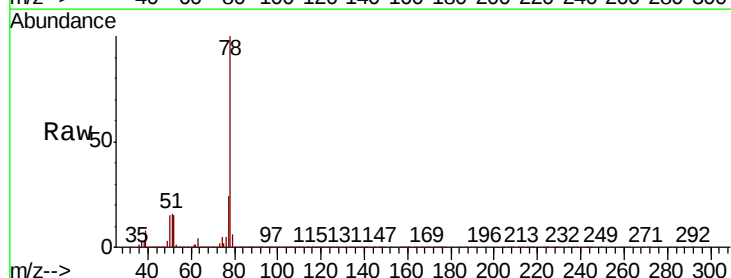
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

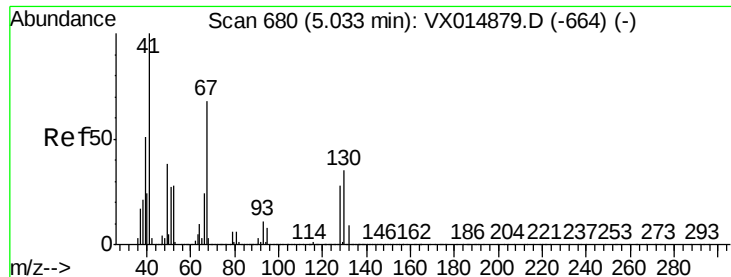
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.0	90.0
98	48.6	39.6	59.4



#40
Benzene
Concen: 50.679 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2

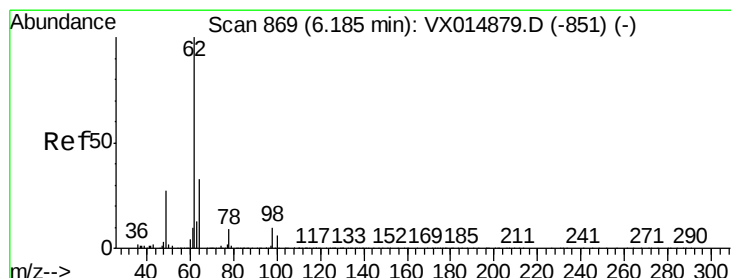
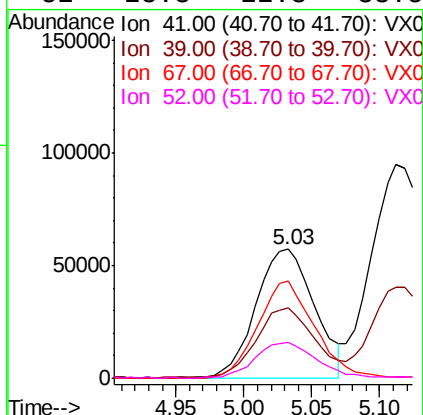
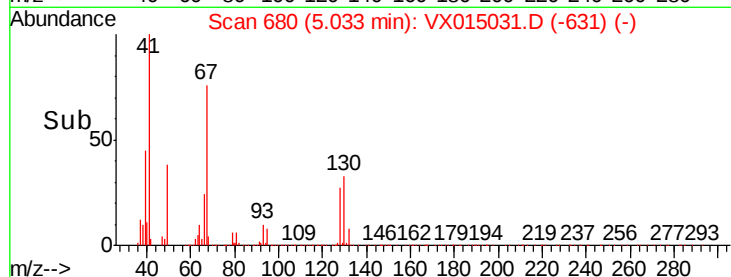
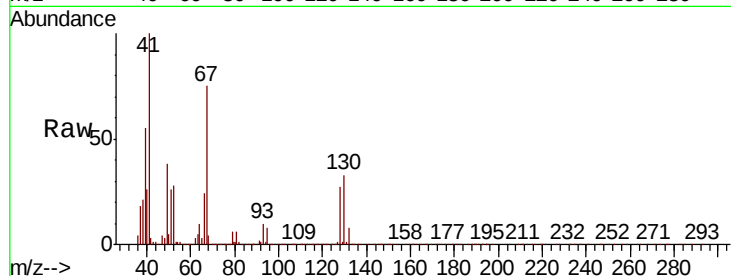




#41
Methacrylonitrile
Concen: 56.379 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

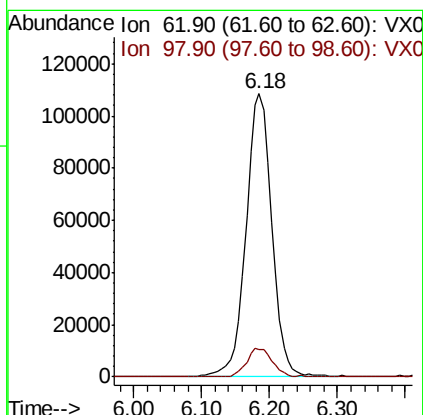
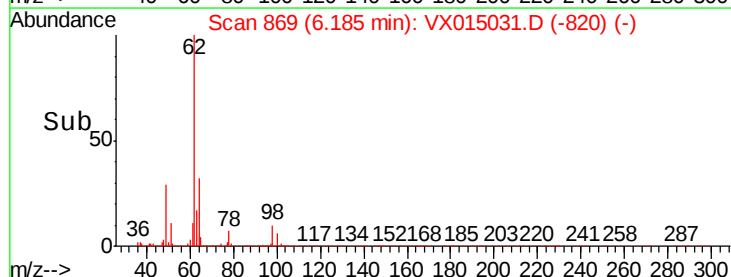
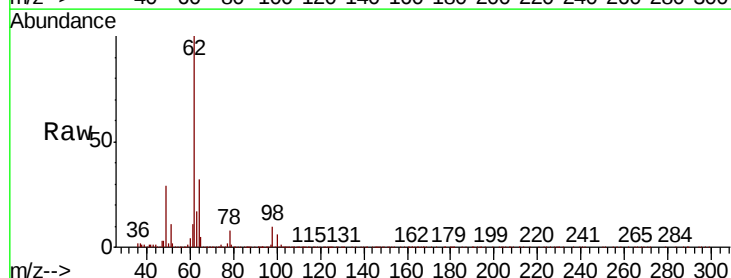
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

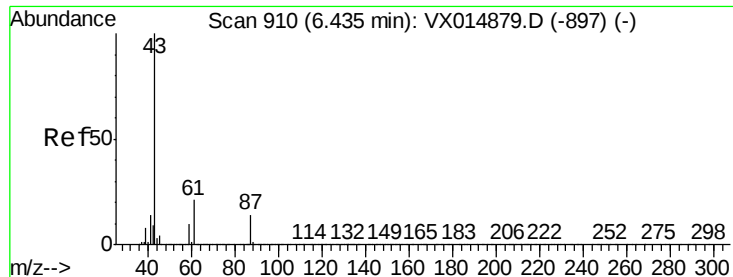
Tot Ion:	41	Resp:	170304
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.7	67.1
67	73.7	56.6	84.8
52	28.3	22.3	33.5



#42
1,2-Dichloroethane
Concen: 49.115 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:	62	Resp:	285140
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2



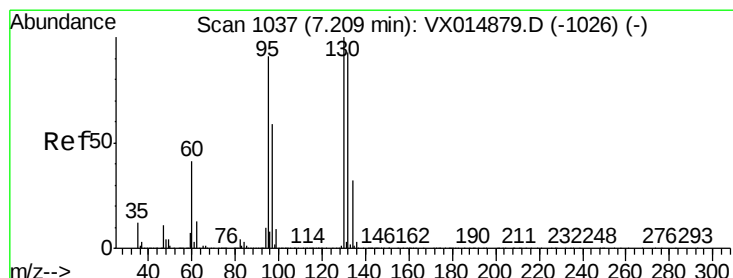
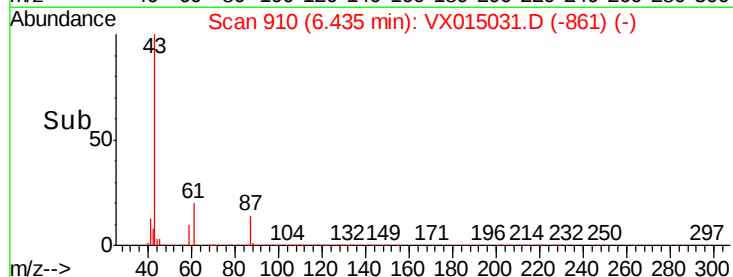
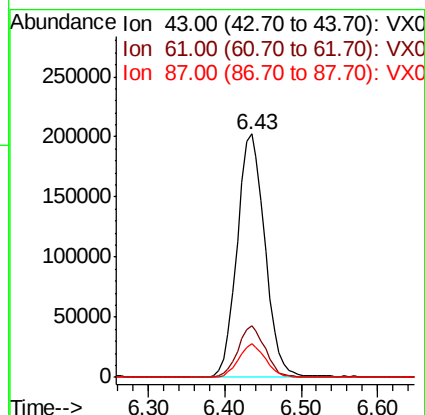
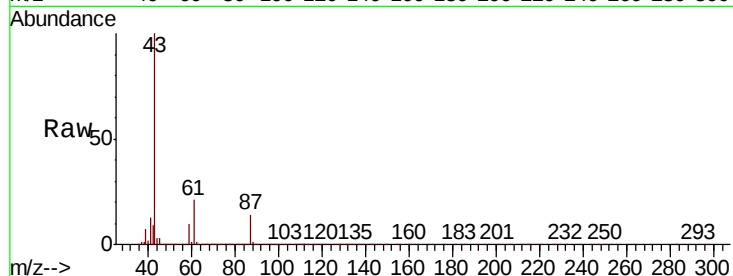


#43

Isopropyl Acetate
 Concen: 54.990 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

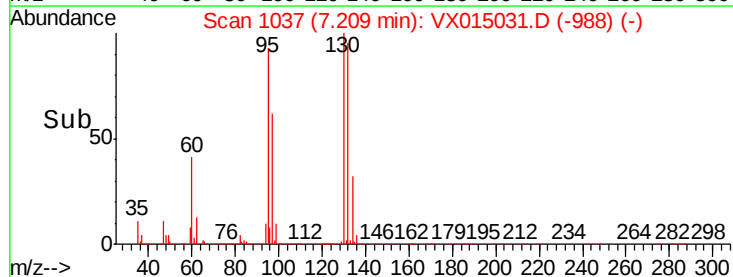
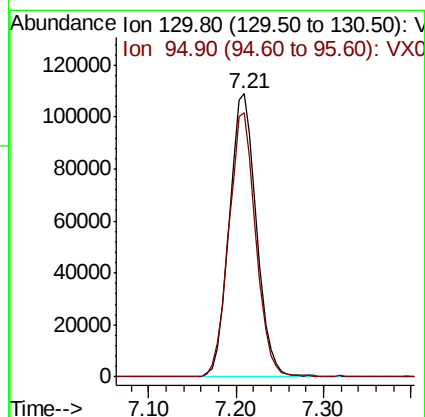
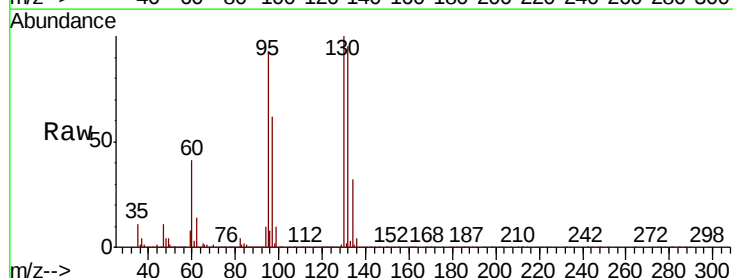
Tot Ion	43	Resp	508651
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.2	24.4
87	13.3	11.0	16.6

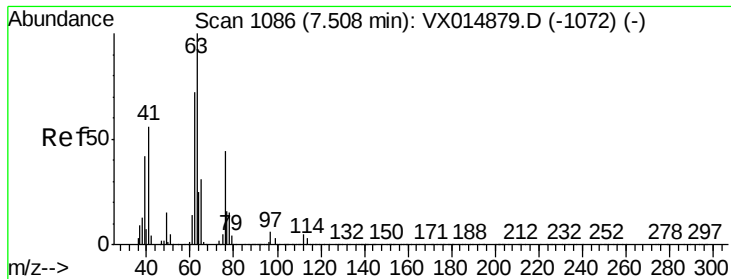


#44

Trichloroethene
 Concen: 50.471 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion	130	Resp	235347
Ion Ratio	Lower	Upper	
130	100		
95	93.1	0.0	182.6

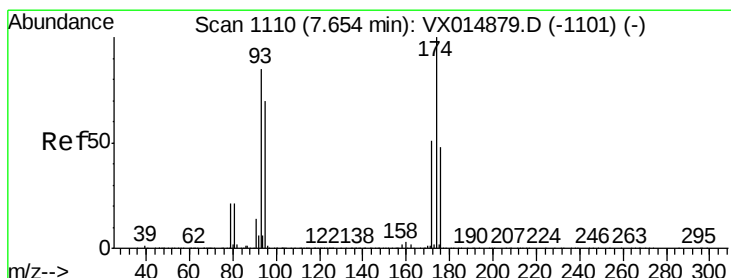
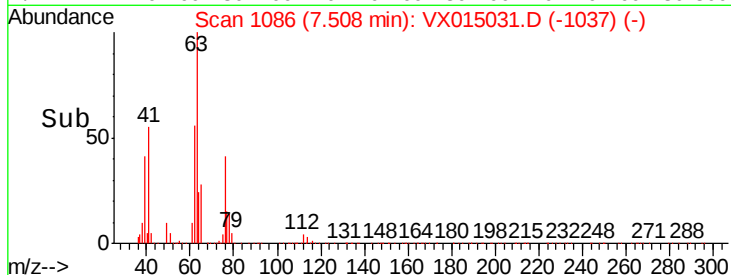
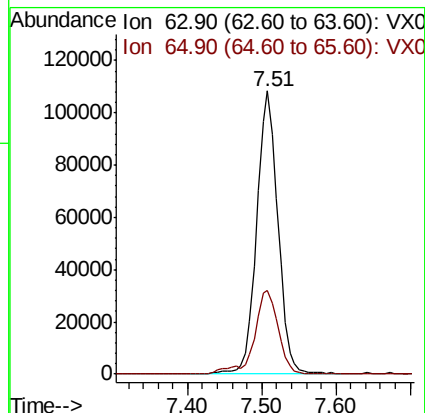
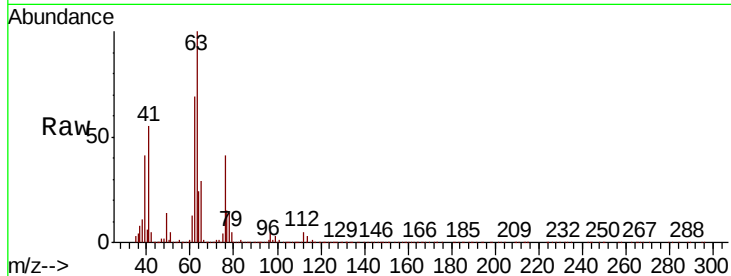




#45
 1,2-Dichloropropane
 Concen: 52.723 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

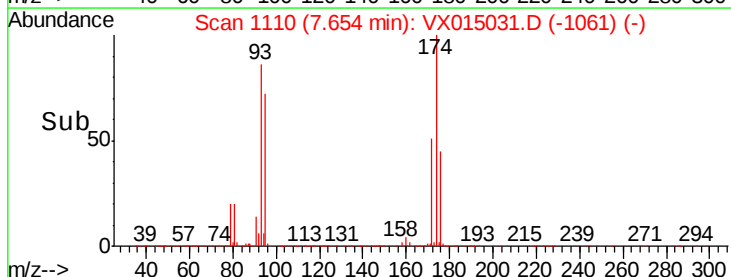
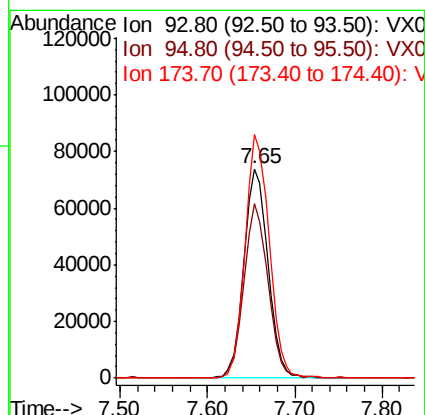
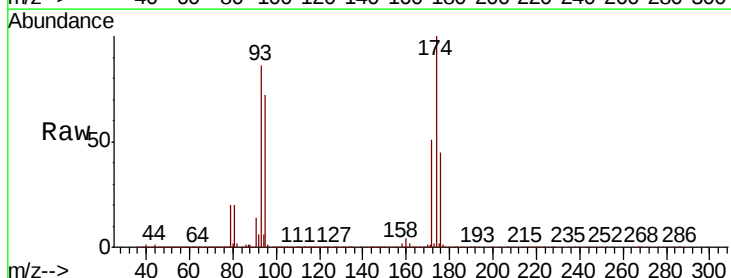
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

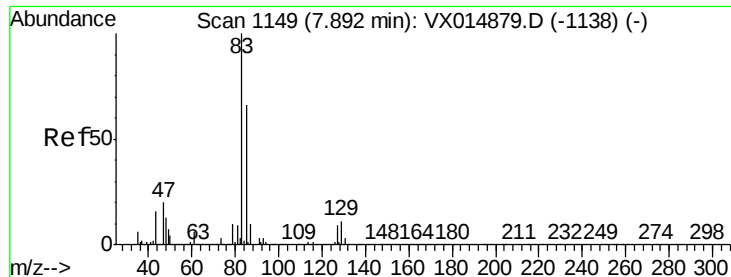
Tot Ion: 63 Resp: 215982
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.9 37.3



#46
 Dibromomethane
 Concen: 50.504 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion: 93 Resp: 141421
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.8
 174 116.8 95.4 143.2





#47

Bromodichloromethane

Concen: 51.000 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

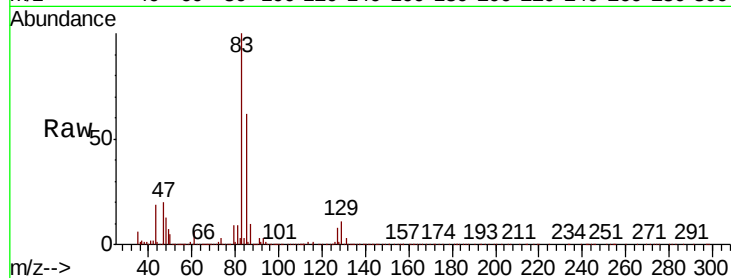
Tot Ion: 83 Resp: 283161

Ion Ratio Lower Upper

83 100

85 61.9 52.5 78.7

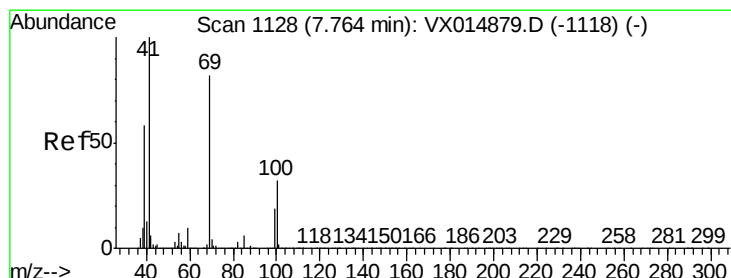
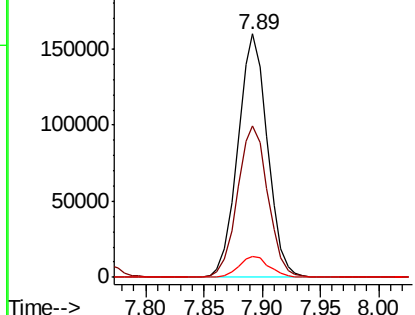
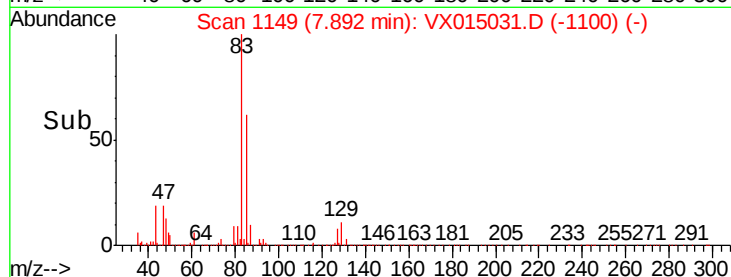
127 8.4 7.4 11.0



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: 55.281 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

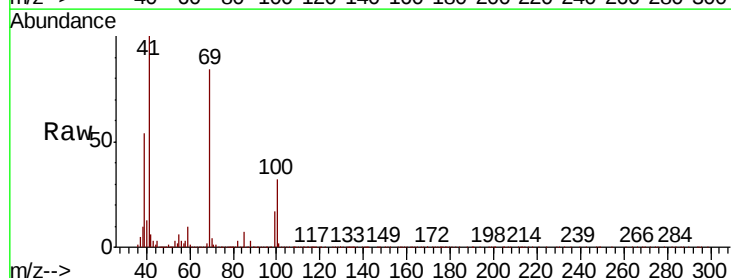
Tgt Ion: 41 Resp: 251648

Ion Ratio Lower Upper

41 100

69 83.5 65.7 98.5

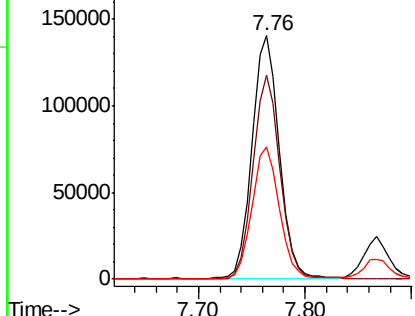
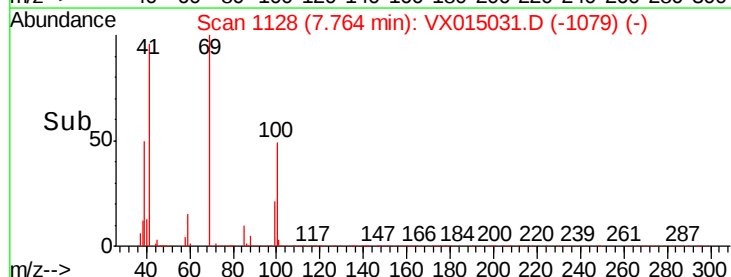
39 54.6 45.8 68.8

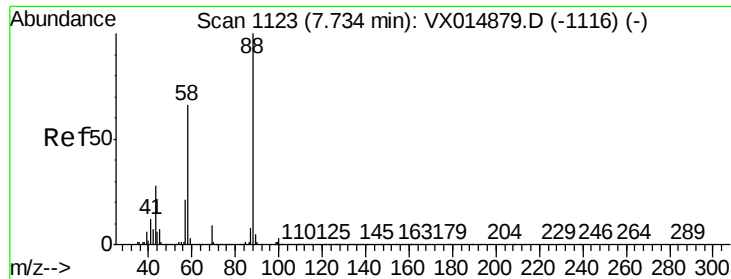


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

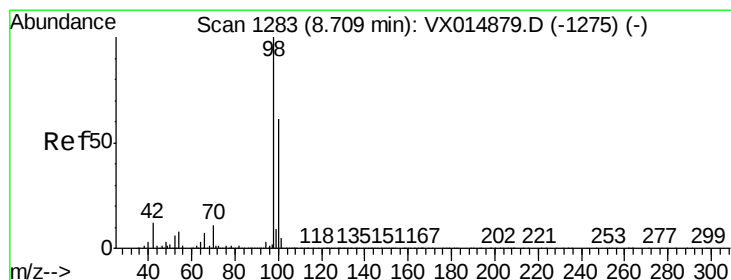
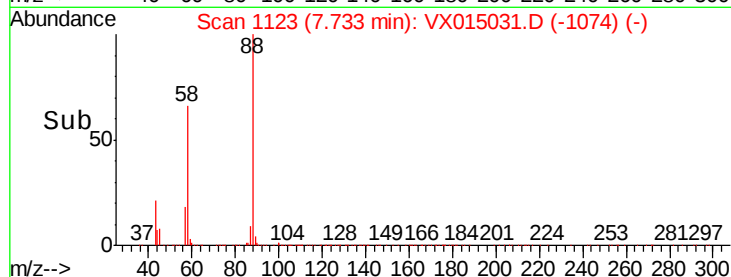
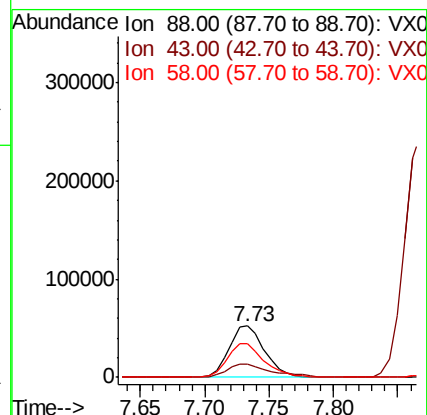
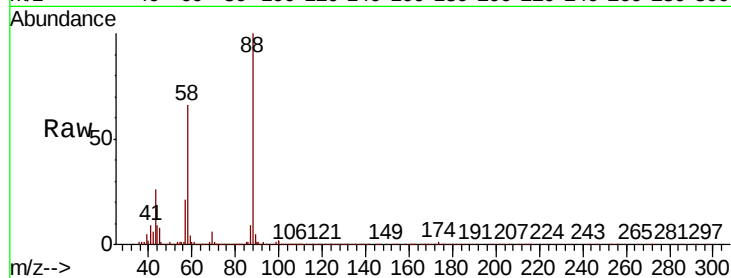




#49
1,4-Dioxane
Concen: 1170.800 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

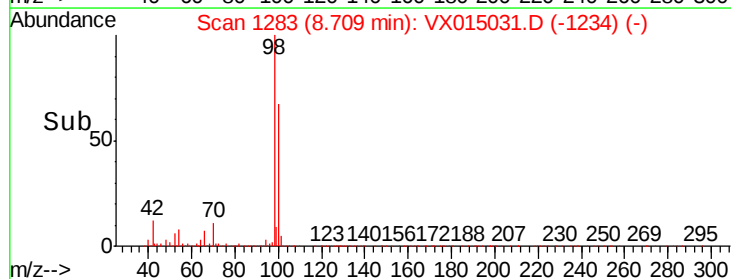
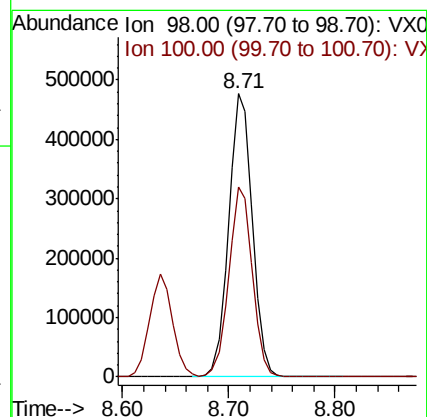
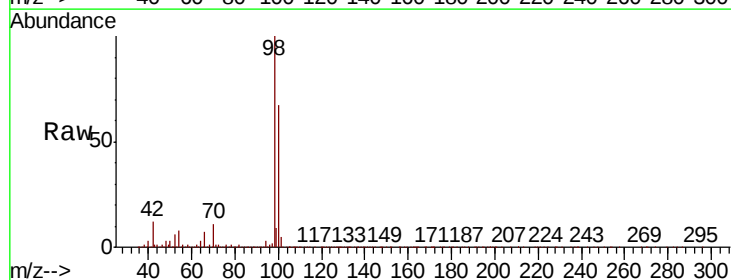
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

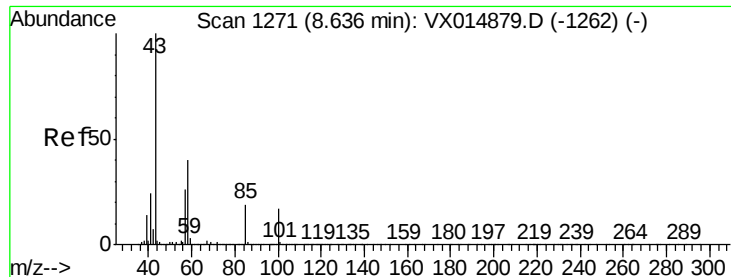
Tot Ion	88	Resp	99648
Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.0	40.4
58	68.0	53.2	79.8



#50
Toluene-d8
Concen: 52.521 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	98	Resp	740730
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 287.085 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

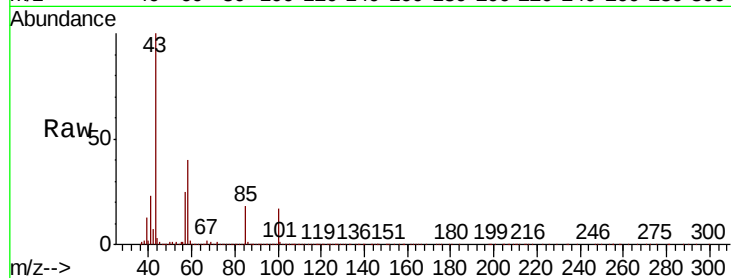
VSTDCCC050EC

Tot Ion: 43 Resp: 1603448

Ion Ratio Lower Upper

43 100

58 40.5 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200000

1000000

800000

600000

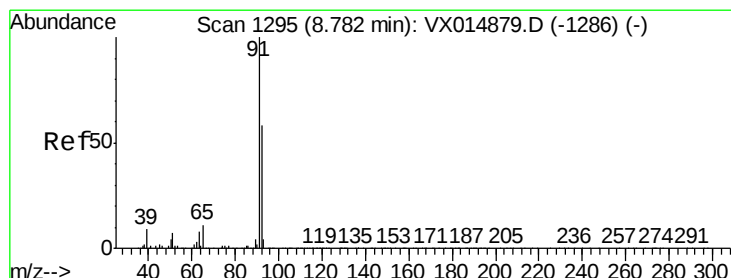
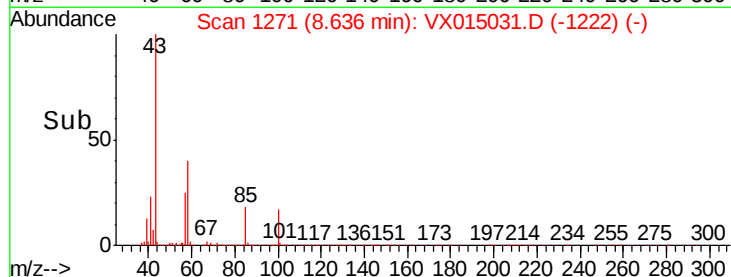
400000

200000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 50.627 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX015031.D

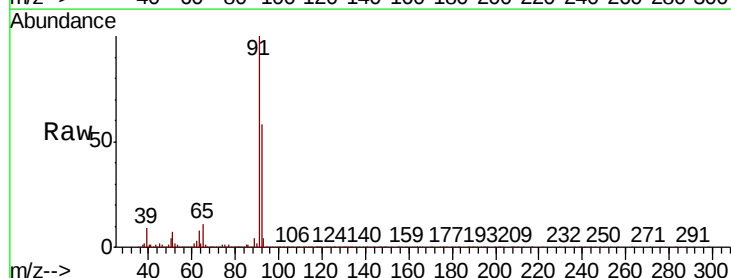
Acq: 26 Feb 2020 19:08

Tgt Ion: 92 Resp: 516508

Ion Ratio Lower Upper

92 100

91 169.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

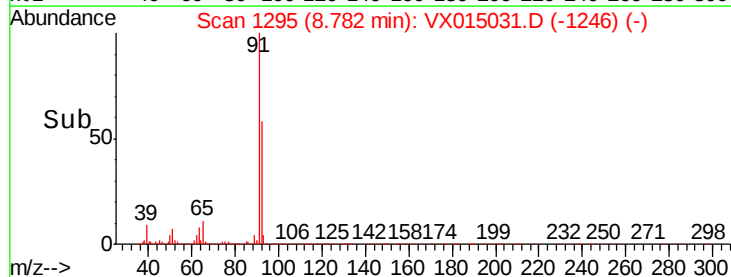
400000

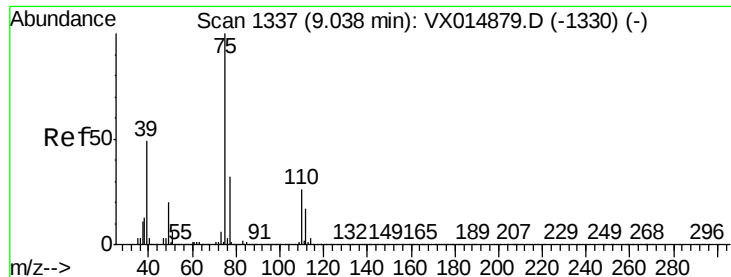
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.096 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

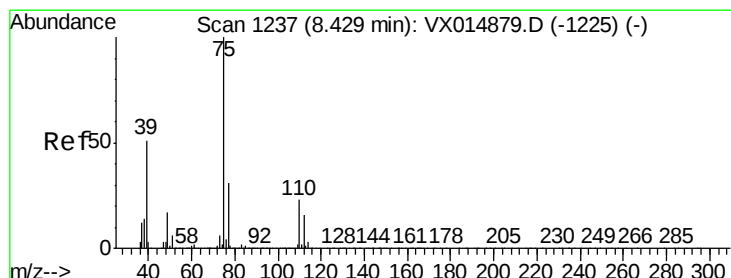
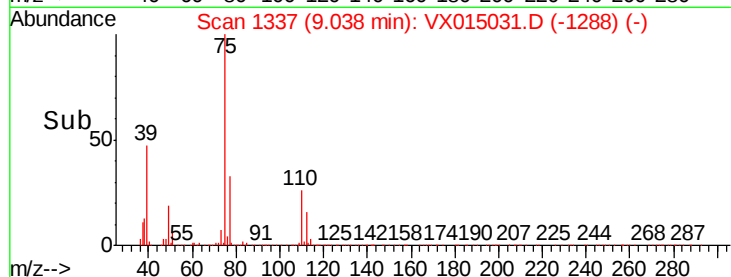
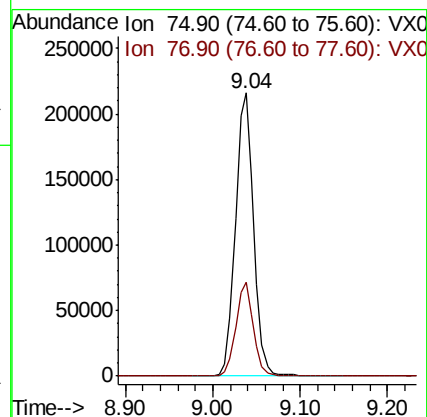
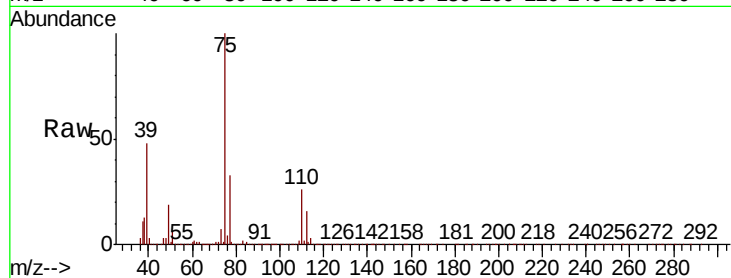
VSTDCCC050EC

Tot Ion: 75 Resp: 310913

Ion Ratio Lower Upper

75 100

77 33.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.100 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

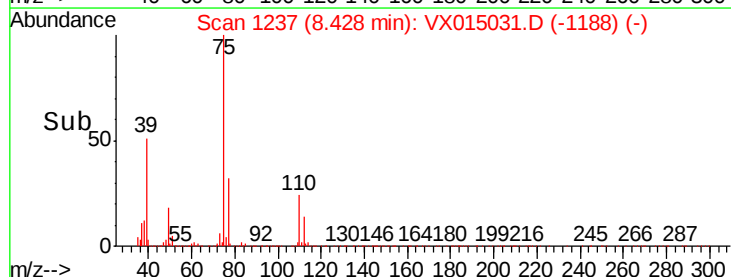
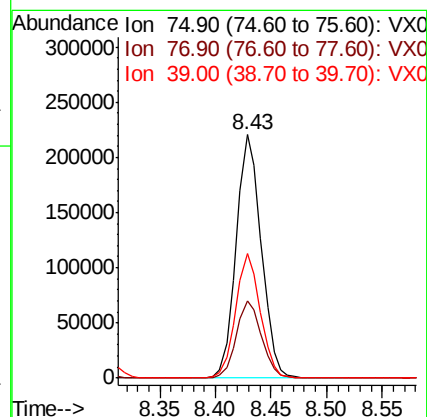
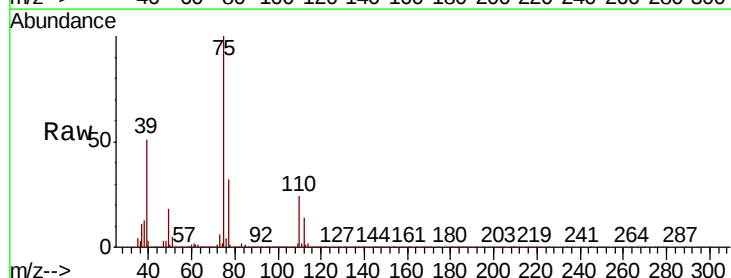
Tgt Ion: 75 Resp: 343494

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 51.1 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 52.738 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 217682

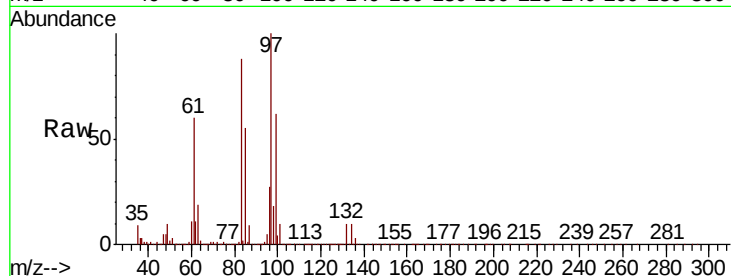
Ion Ratio Lower Upper

97 100

83 87.8 66.6 99.8

85 54.8 43.5 65.3

99 62.3 49.6 74.4

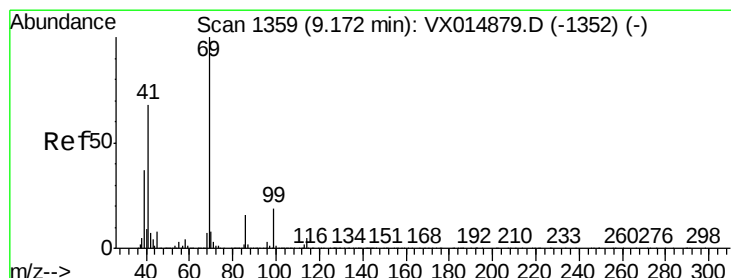
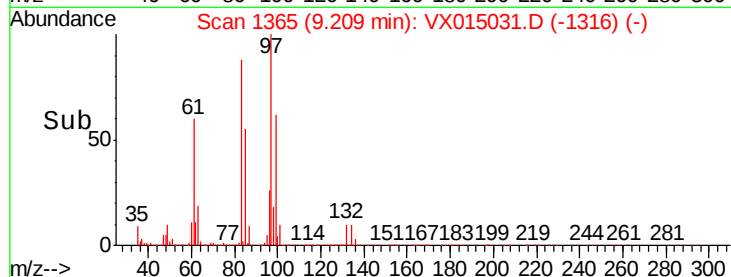
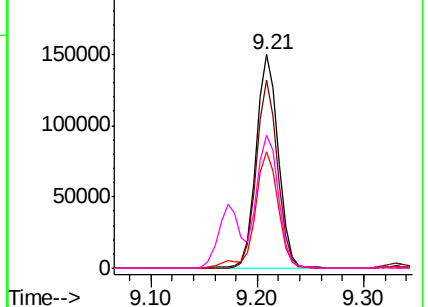


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.398 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

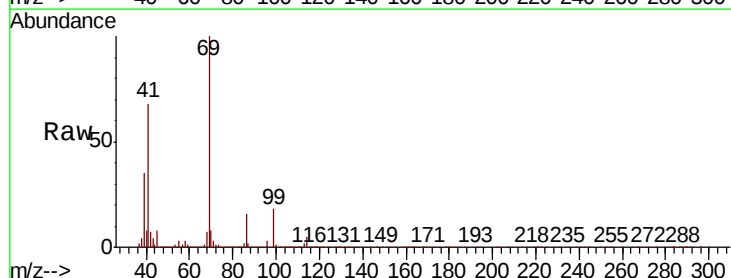
Tgt Ion: 69 Resp: 343697

Ion Ratio Lower Upper

69 100

41 67.7 54.8 82.2

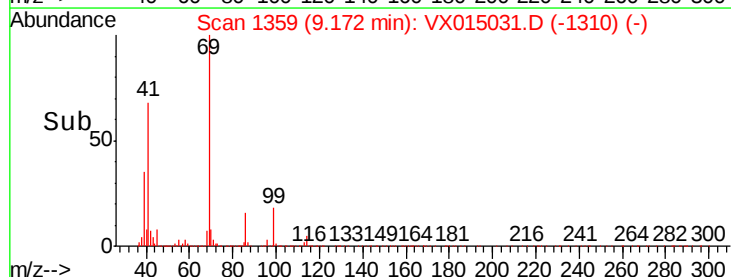
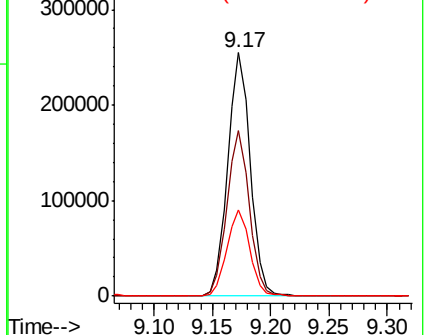
39 35.8 29.9 44.9

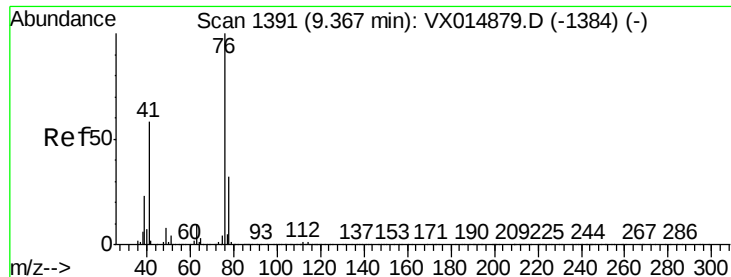


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.182 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

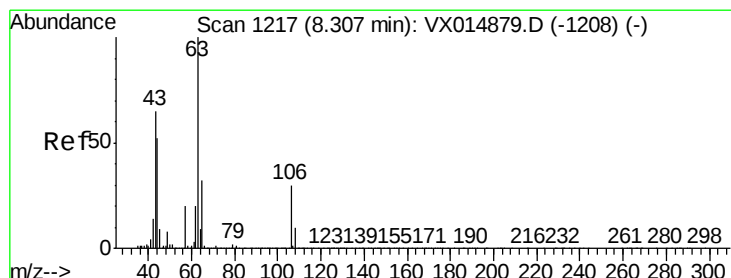
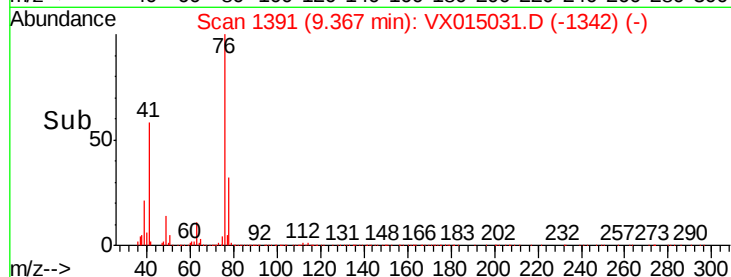
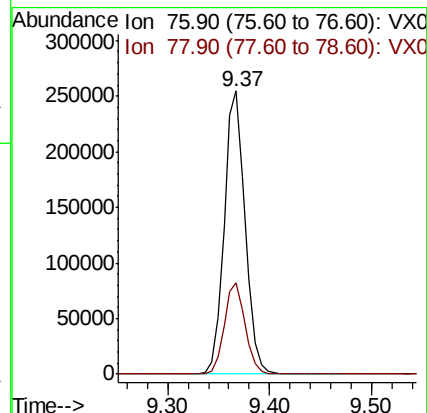
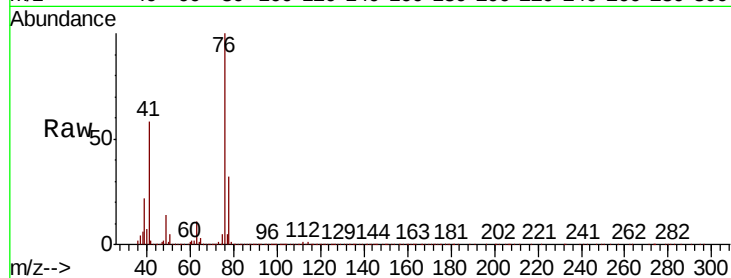
VSTDCCC050EC

Tot Ion: 76 Resp: 362570

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 271.982 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015031.D

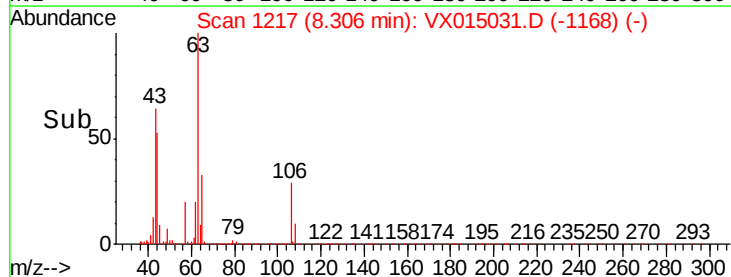
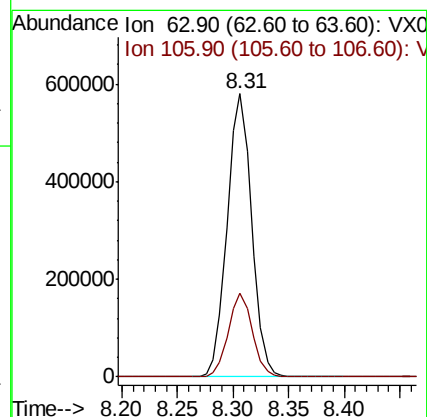
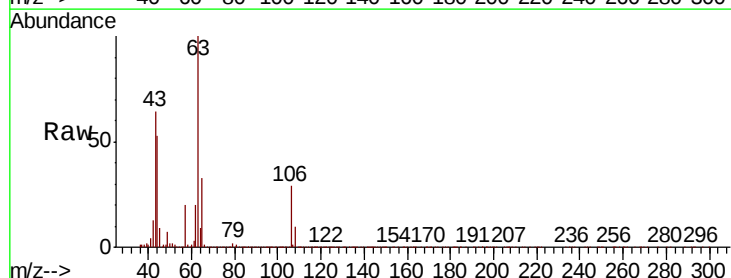
Acq: 26 Feb 2020 19:08

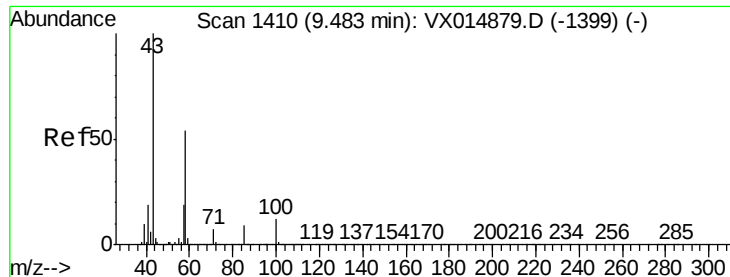
Tgt Ion: 63 Resp: 882491

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8

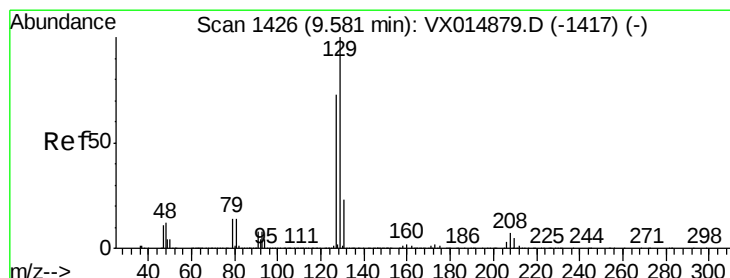
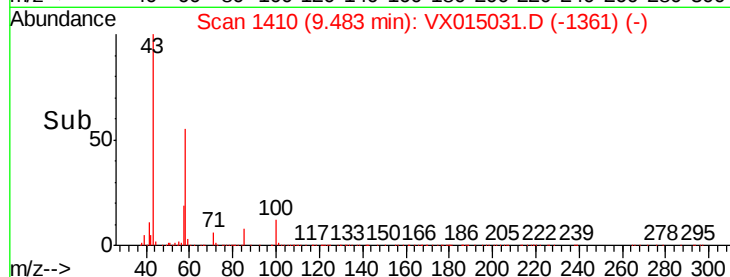
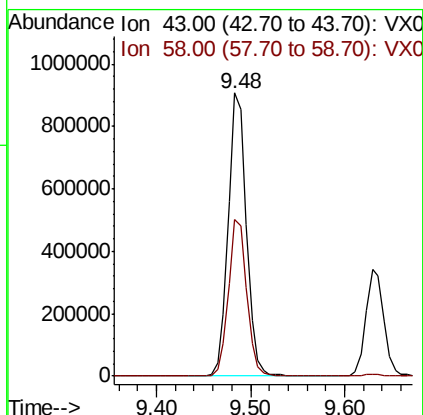
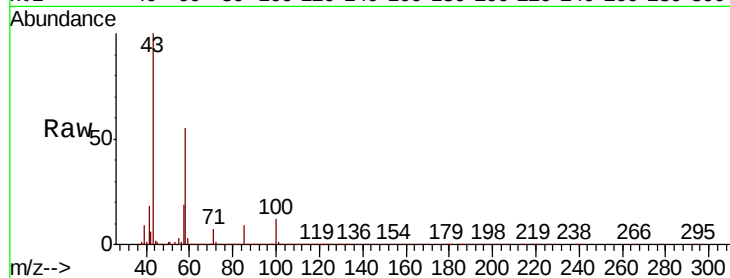




#59
2-Hexanone
Concen: 277.211 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

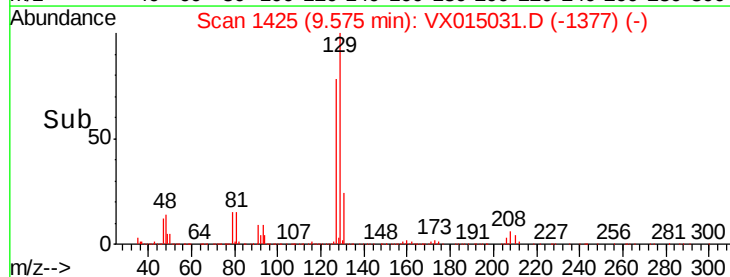
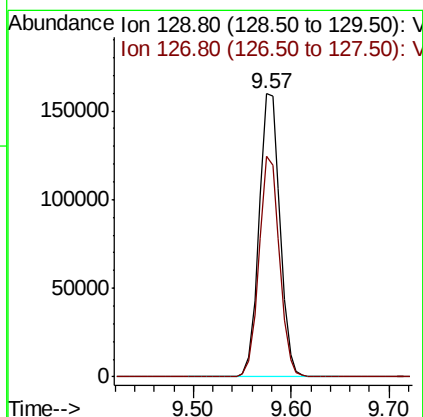
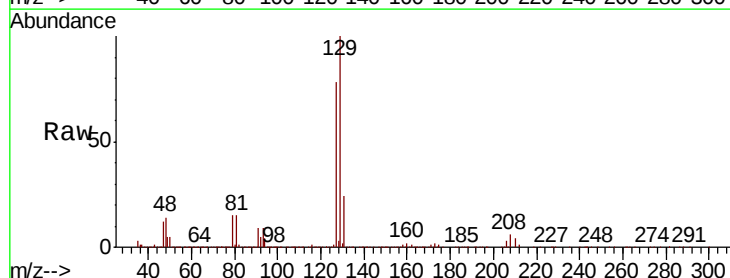
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

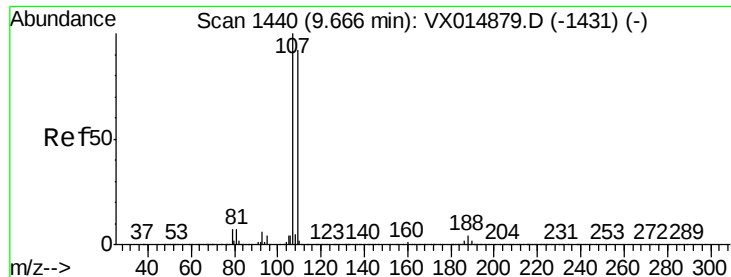
Tot Ion: 43 Resp: 1216981
Ion Ratio Lower Upper
43 100
58 56.0 27.5 82.5



#60
Dibromochloromethane
Concen: 53.161 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 129 Resp: 236141
Ion Ratio Lower Upper
129 100
127 76.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 51.203 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

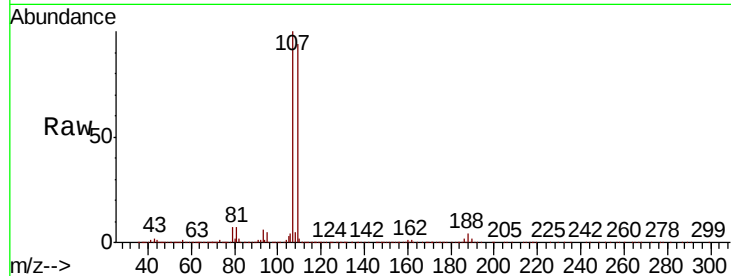
VSTDCCC050EC

Tot Ion:107 Resp: 228039

Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

150000

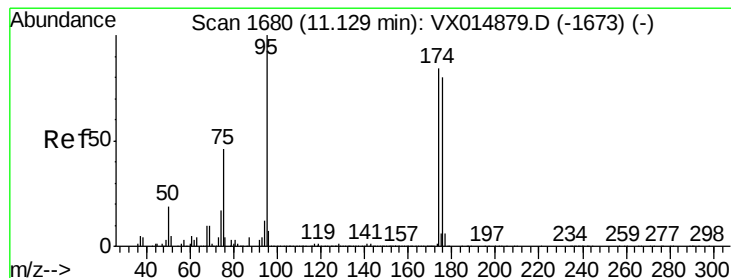
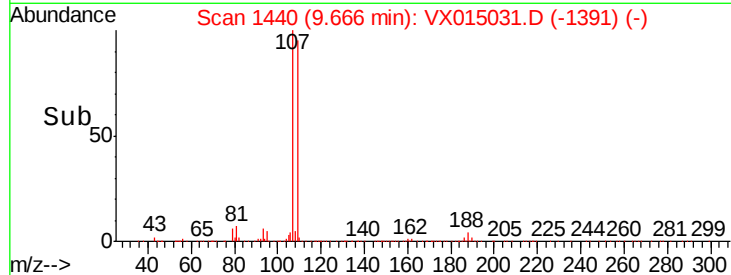
100000

50000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 54.171 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

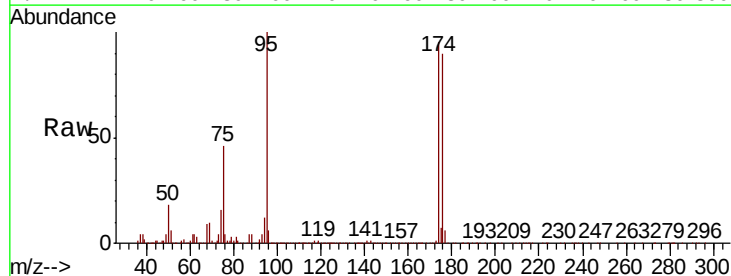
Tgt Ion: 95 Resp: 275213

Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.0

176 87.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

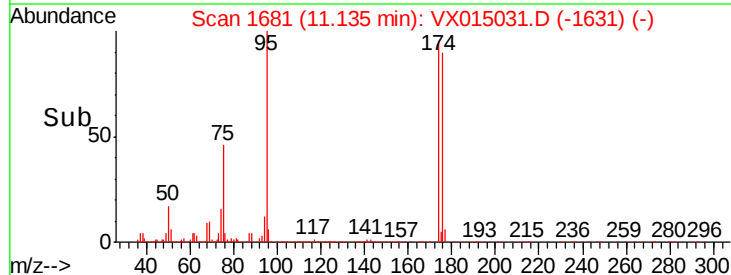
100000

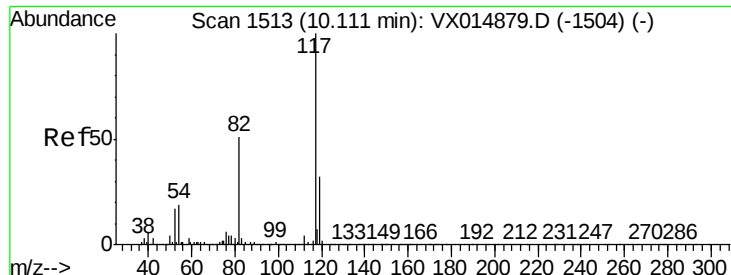
50000

0

Time-->

11.05 11.10 11.15 11.20

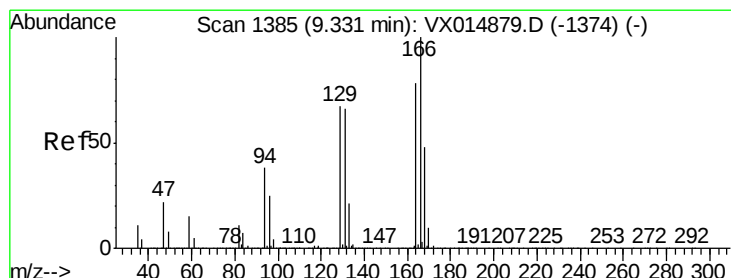
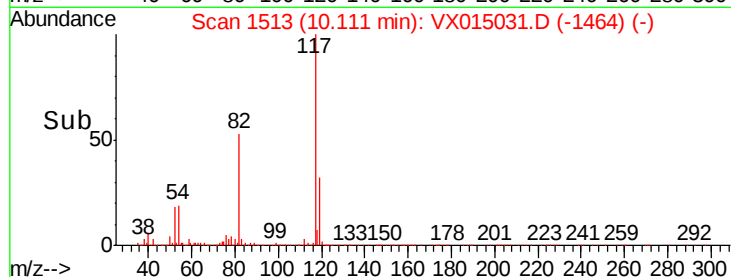
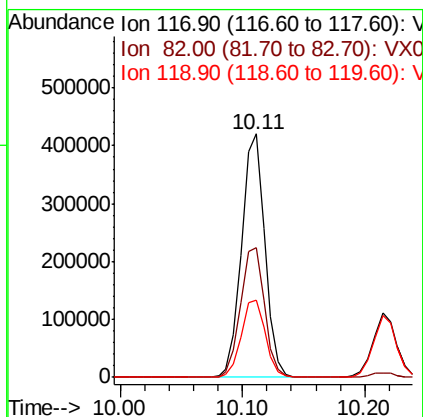
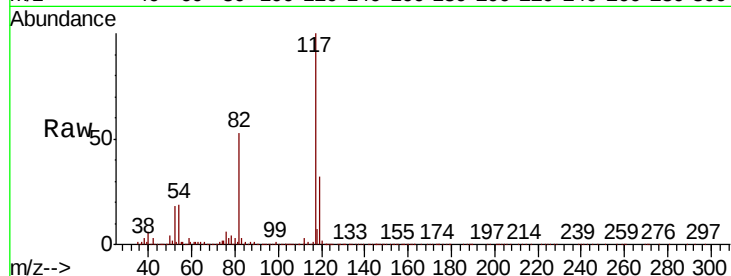




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

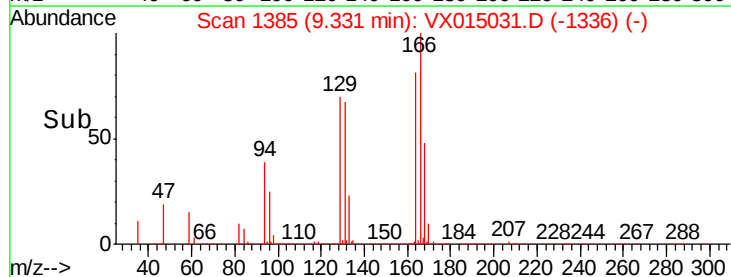
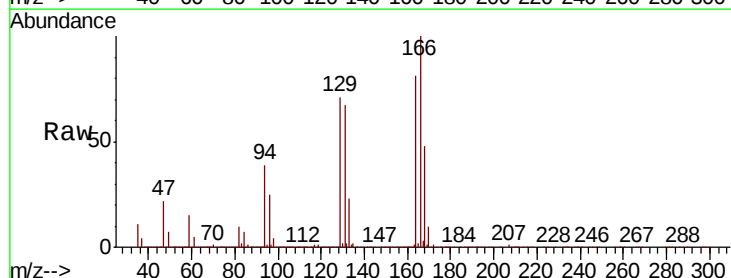
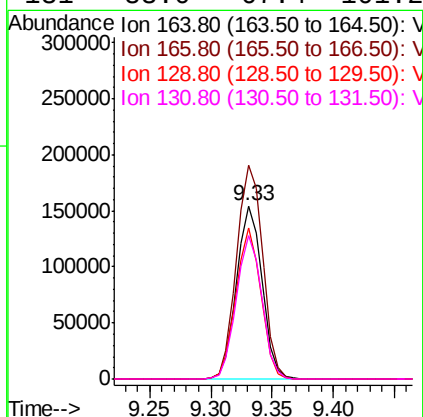
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

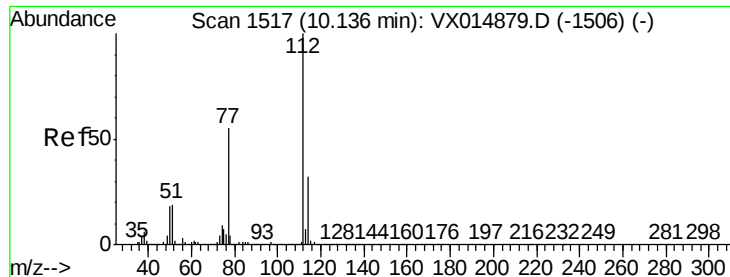
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.5	60.7
119	31.9	25.8	38.6



#64
Tetrachloroethene
Concen: 42.745 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	102.6	153.8
129	87.0	68.3	102.5
131	83.0	67.4	101.2





#65

Chlorobenzene

Concen: 50.413 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

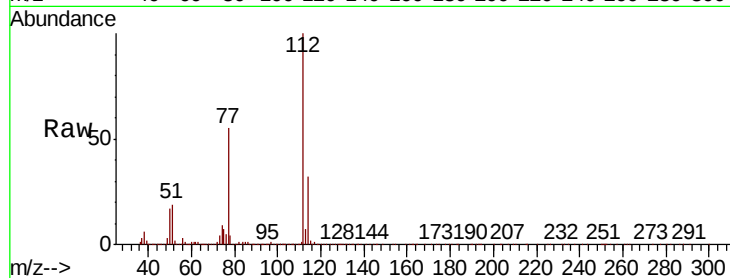
VSTDCCC050EC

Tot Ion:112 Resp: 566534

Ion Ratio Lower Upper

112 100

114 31.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

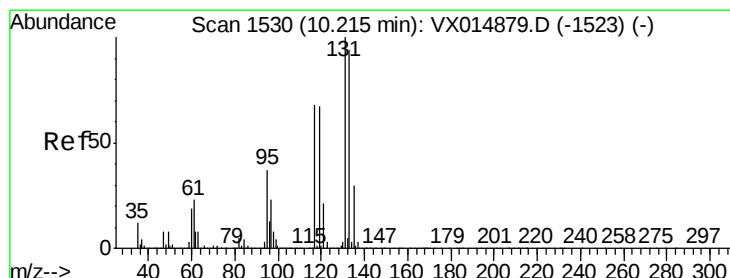
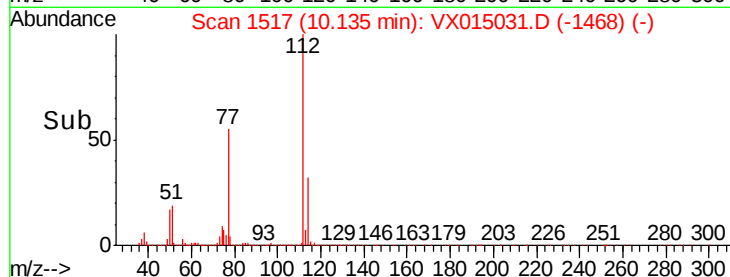
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.252 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

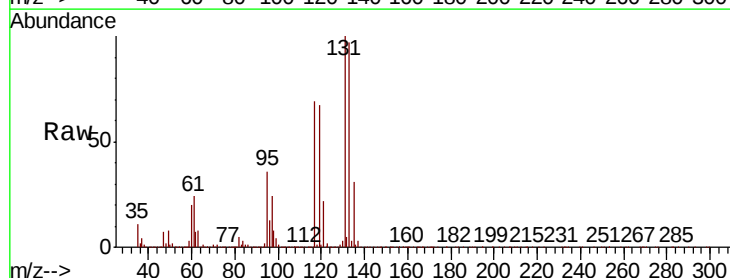
Tgt Ion:131 Resp: 213183

Ion Ratio Lower Upper

131 100

133 97.8 48.1 144.4

119 65.9 33.0 99.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

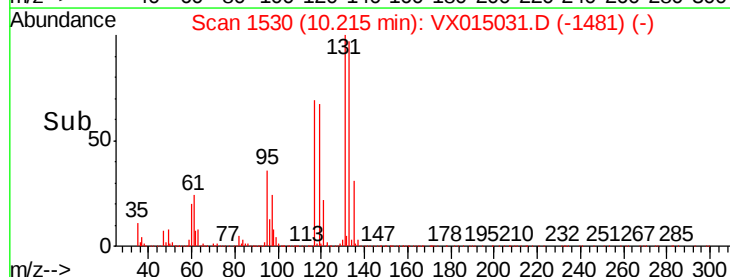
150000

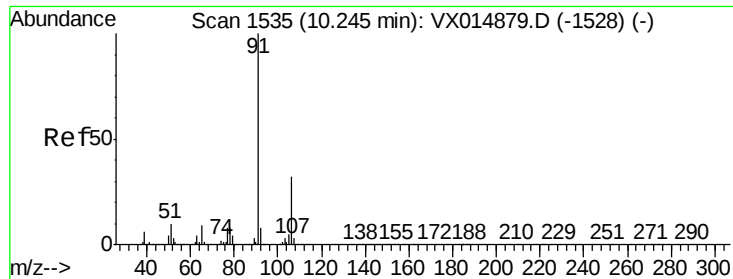
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 51.640 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

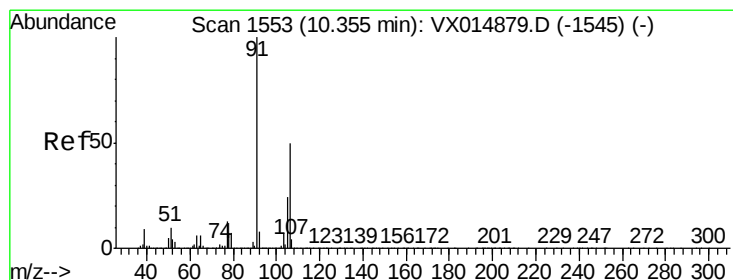
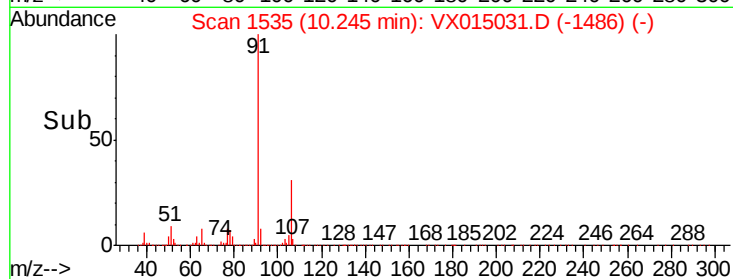
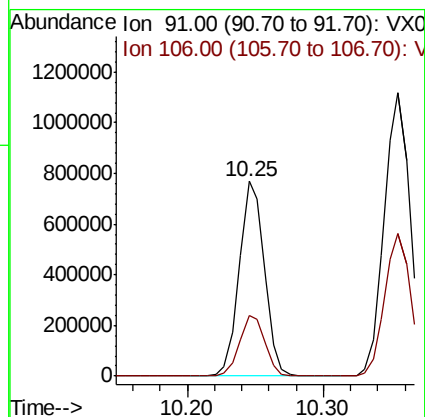
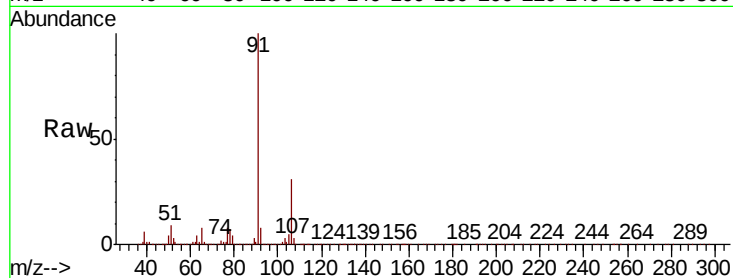
VSTDCCC050EC

Tot Ion: 91 Resp: 986954

Ion Ratio Lower Upper

91 100

106 31.0 25.3 37.9



#68

m/p-Xylenes

Concen: 101.730 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015031.D

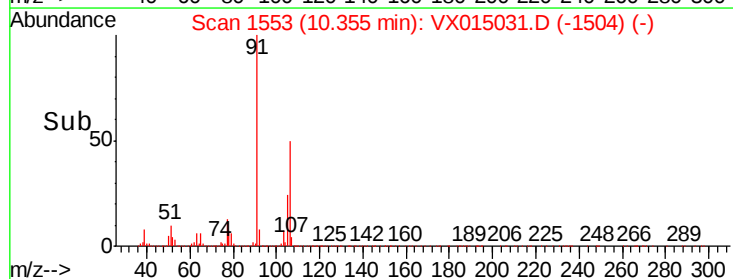
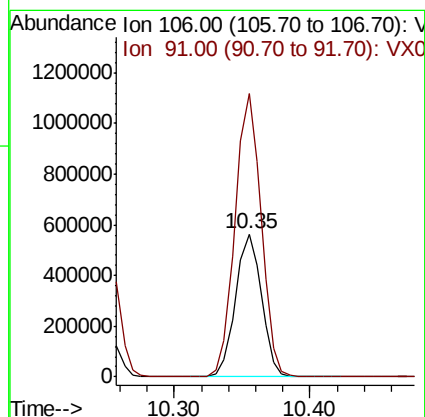
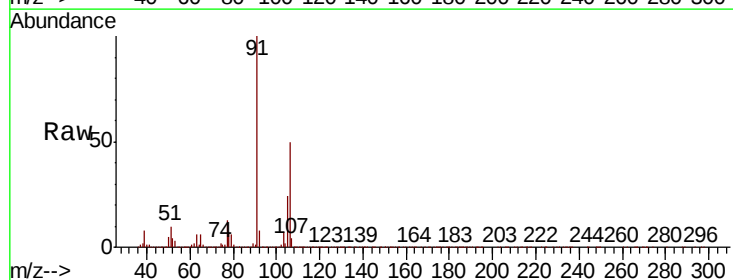
Acq: 26 Feb 2020 19:08

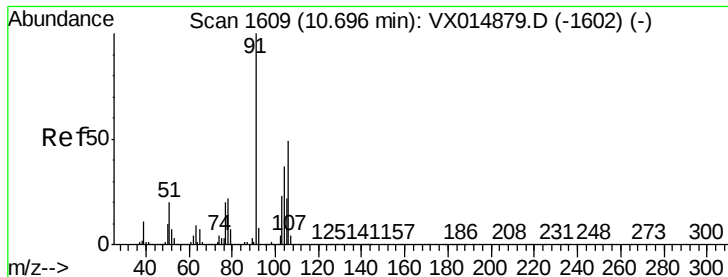
Tgt Ion: 106 Resp: 749006

Ion Ratio Lower Upper

106 100

91 199.9 160.6 240.8

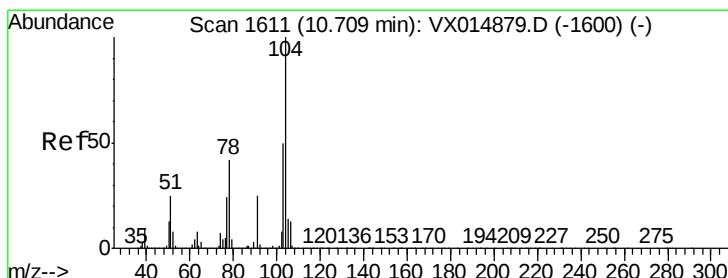
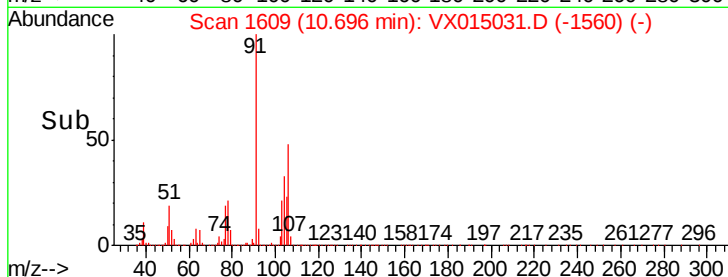
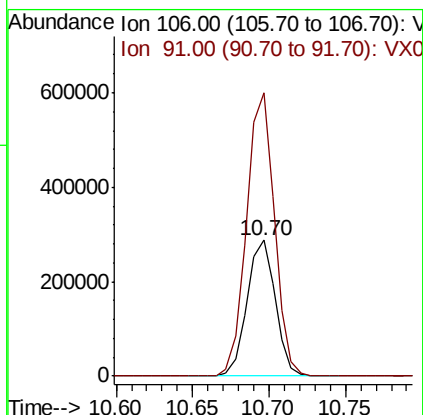
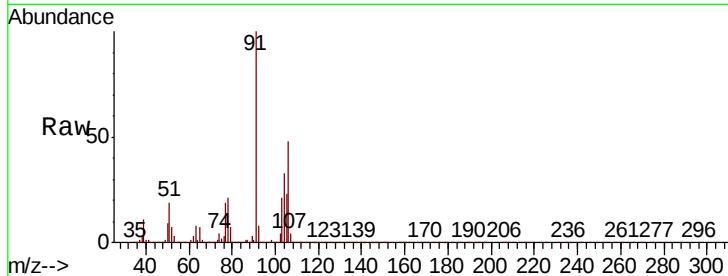




#69
o-Xylene
Concen: 51.886 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

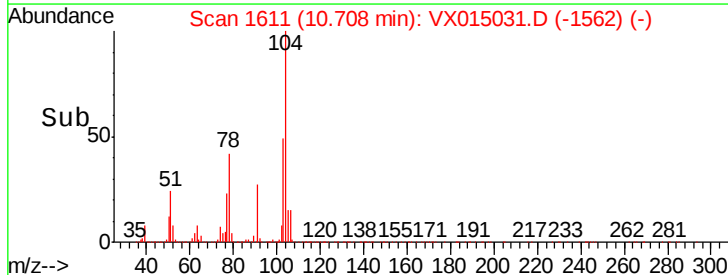
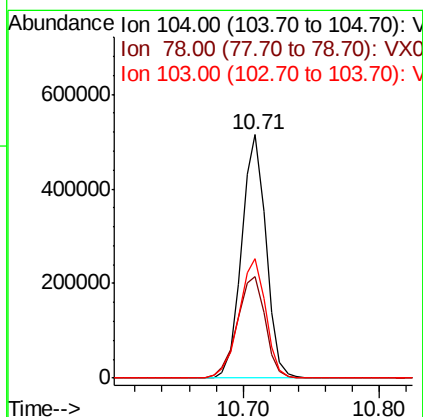
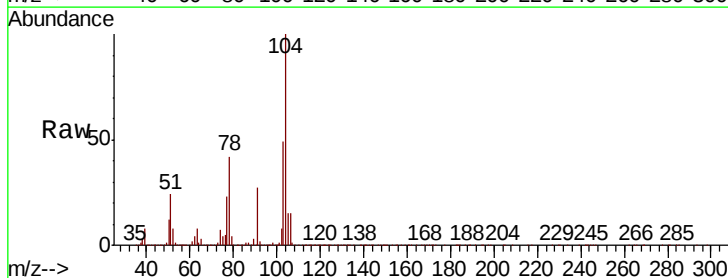
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

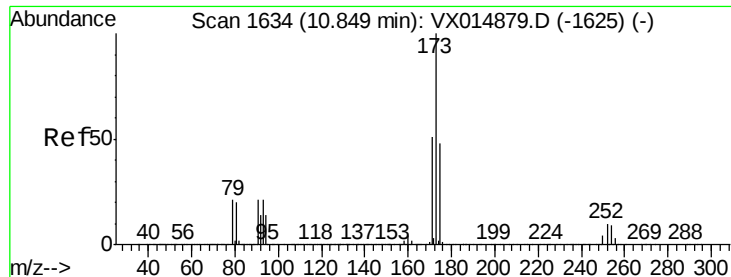
Tot Ion:106 Resp: 367227
Ion Ratio Lower Upper
106 100
91 206.3 105.1 315.3



#70
Styrene
Concen: 53.749 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:104 Resp: 643555
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.4
103 53.9 43.4 65.0

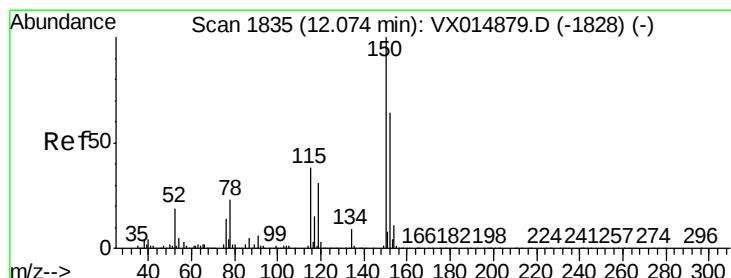
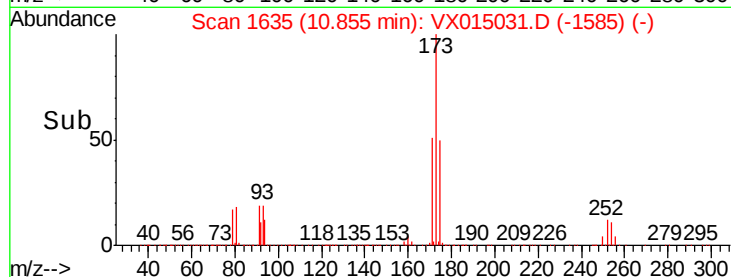
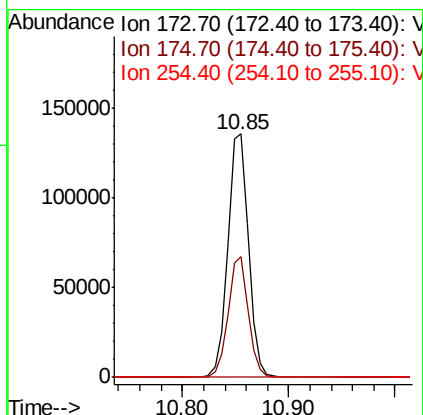
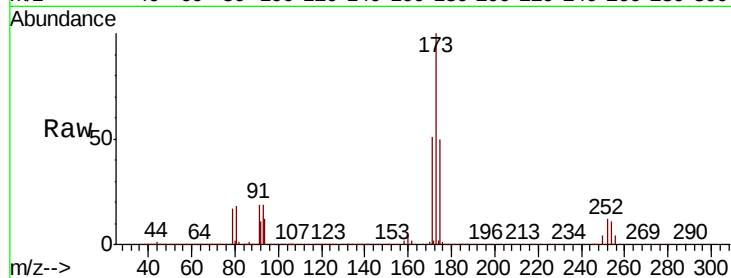




#71
Bromoform
Concen: 54.088 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

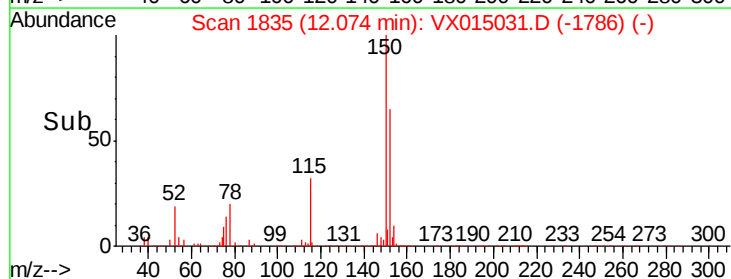
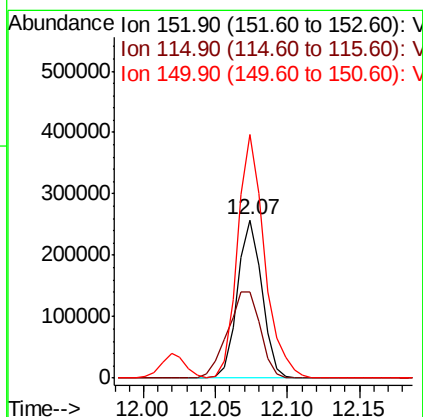
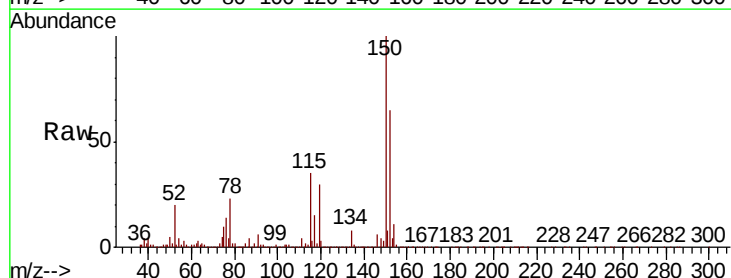
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

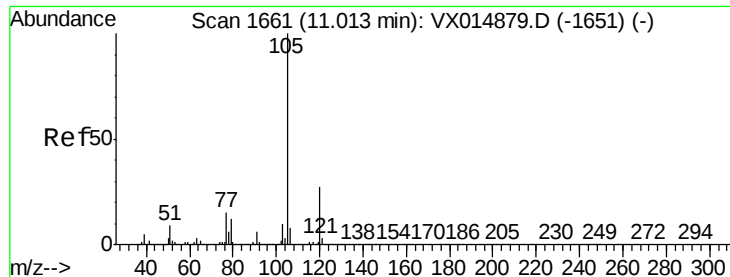
Tot Ion:173 Resp: 184196
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:152 Resp: 304359
Ion Ratio Lower Upper
152 100
115 73.1 38.6 116.0
150 170.0 0.0 349.0





#73

Isopropylbenzene

Concen: 50.905 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

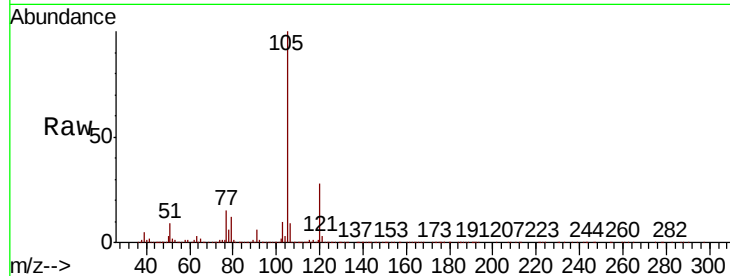
VSTDCCC050EC

Tot Ion: 105 Resp: 971607

Ion Ratio Lower Upper

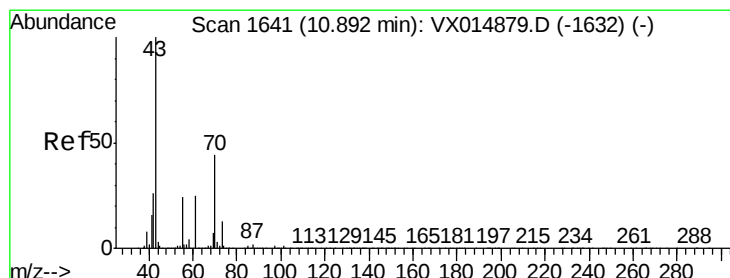
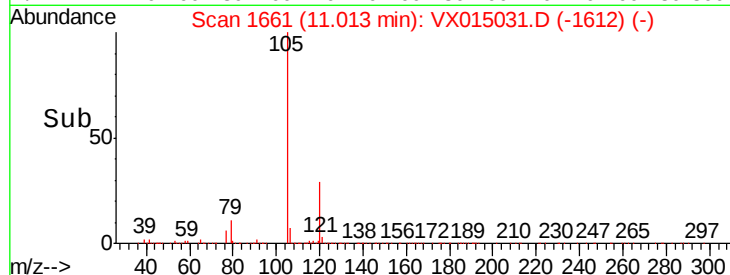
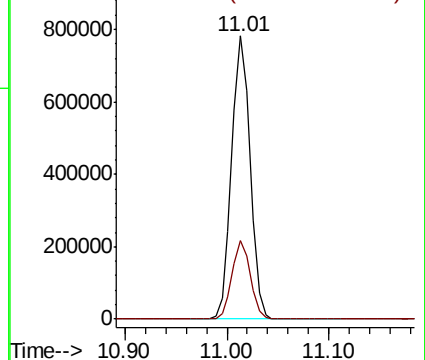
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.199 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Tgt Ion: 43 Resp: 437762

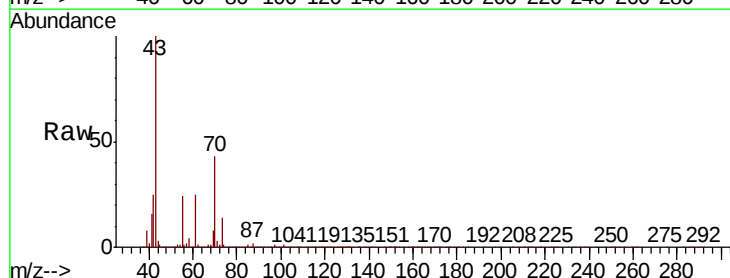
Ion Ratio Lower Upper

43 100

70 44.2 35.0 52.4

55 24.3 19.4 29.2

61 25.3 19.8 29.6

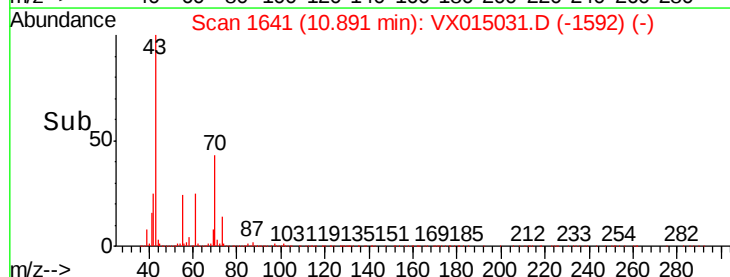
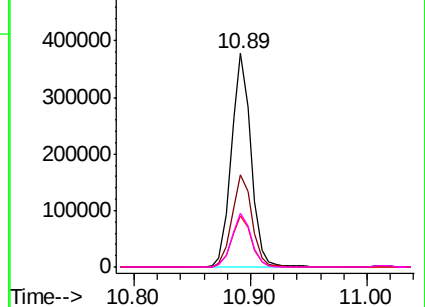


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.512 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

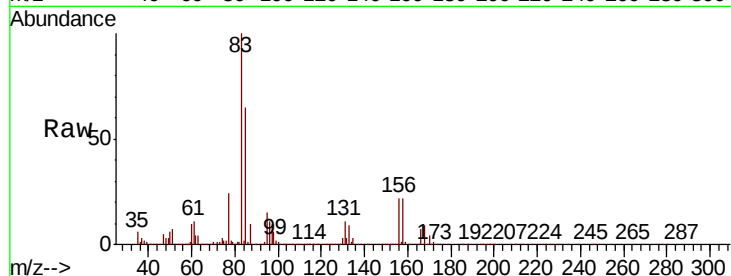
Tot Ion: 83 Resp: 333874

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

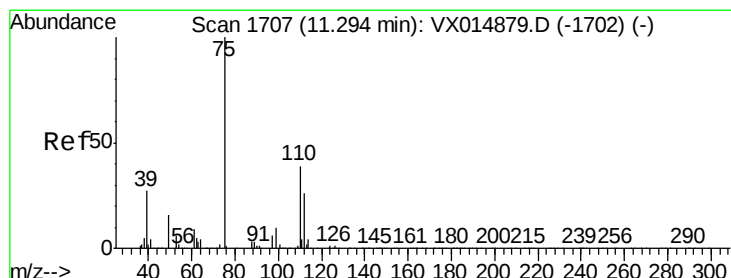
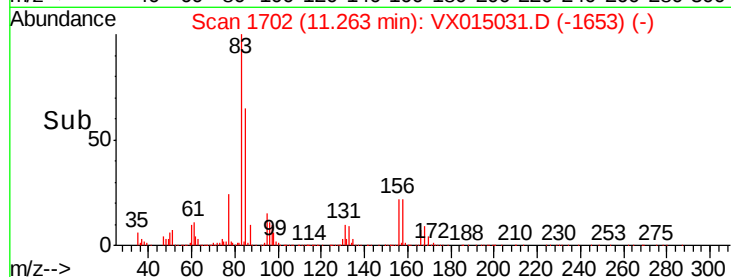
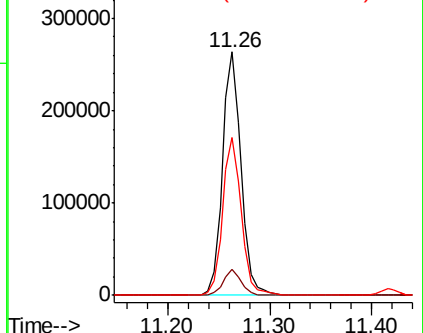
85 65.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.708 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX015031.D

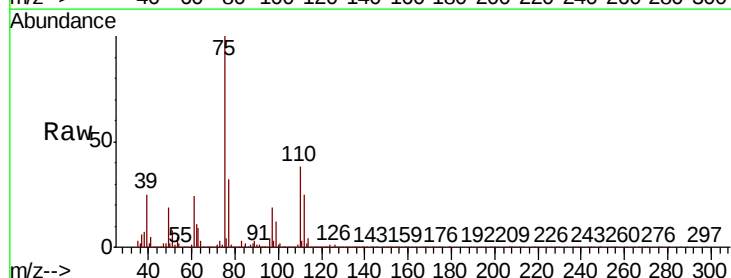
Acq: 26 Feb 2020 19:08

Tgt Ion: 75 Resp: 389161

Ion Ratio Lower Upper

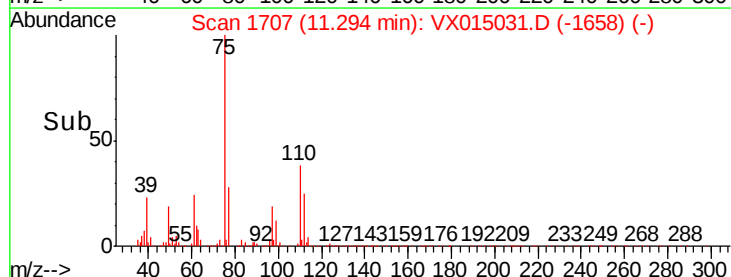
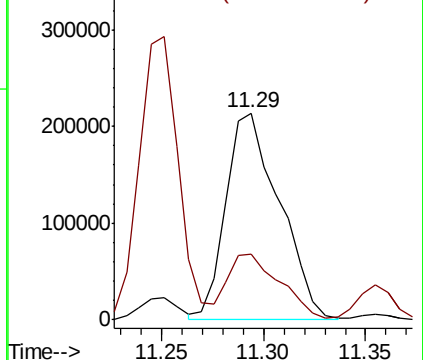
75 100

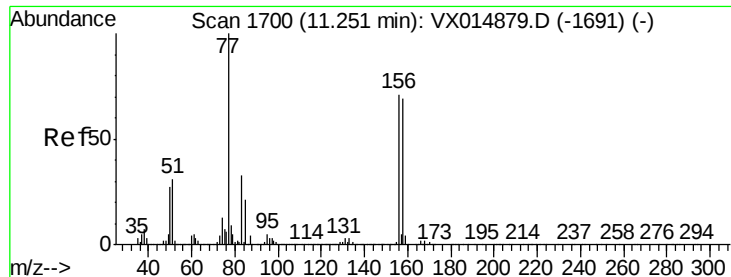
77 31.0 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.999 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

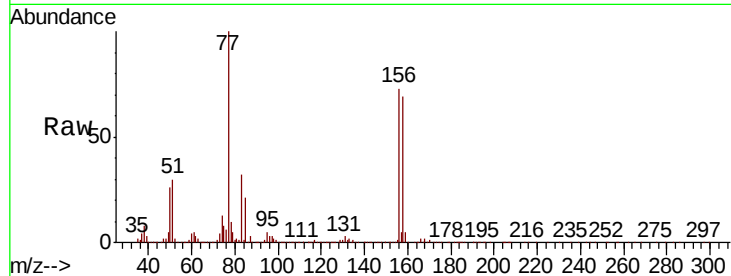
Tot Ion:156 Resp: 266361

Ion Ratio Lower Upper

156 100

77 147.3 74.0 222.0

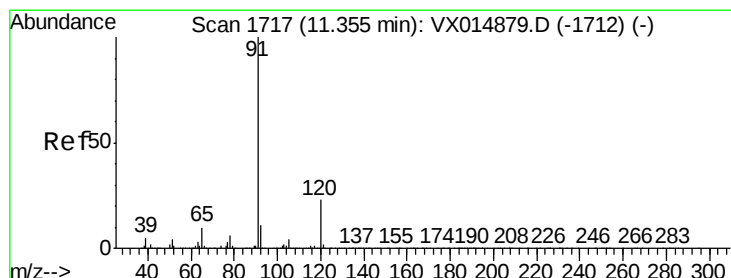
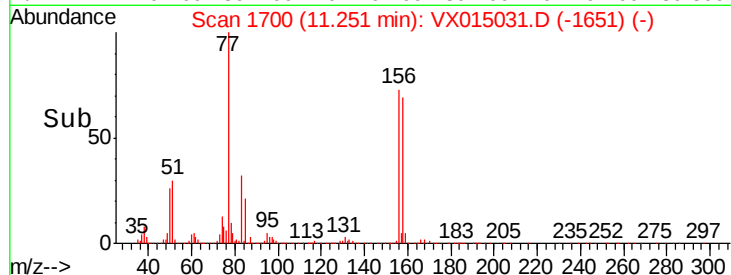
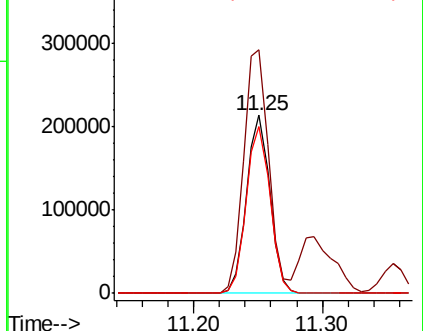
158 95.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.471 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015031.D

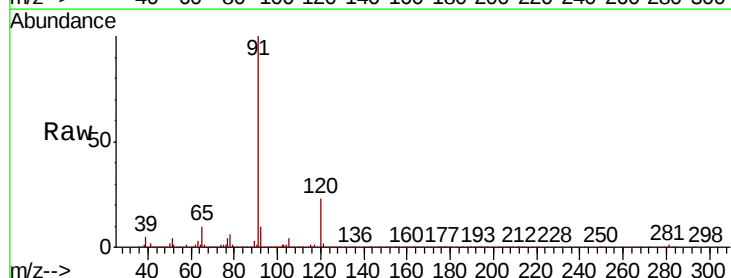
Acq: 26 Feb 2020 19:08

Tgt Ion: 91 Resp: 1114182

Ion Ratio Lower Upper

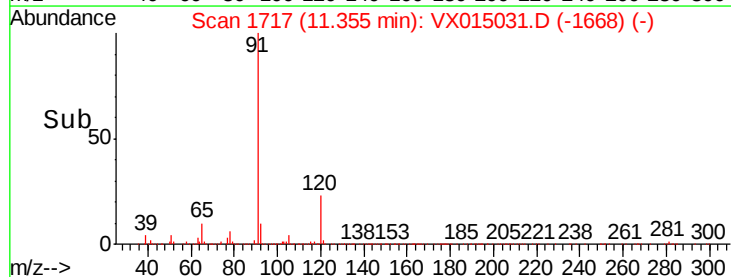
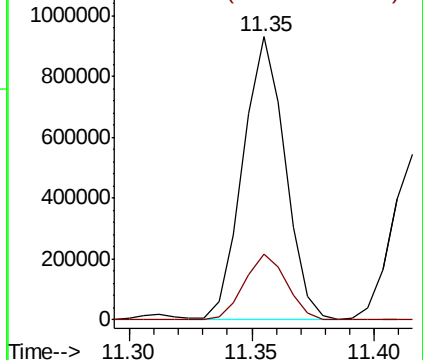
91 100

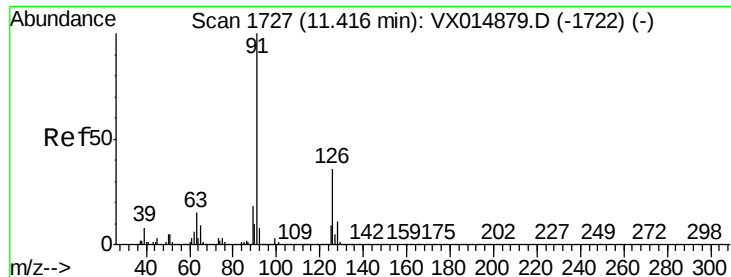
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

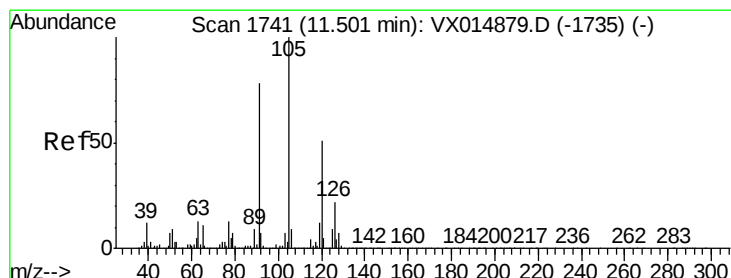
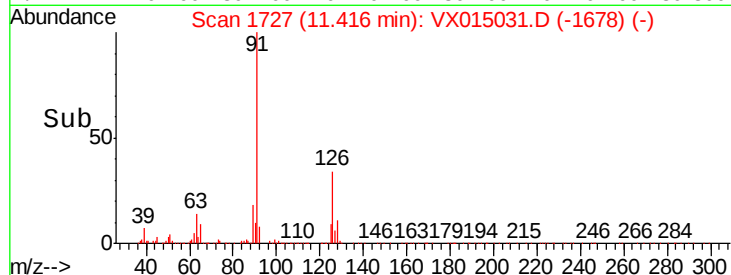
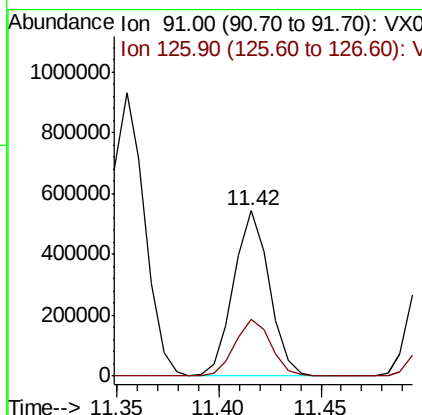
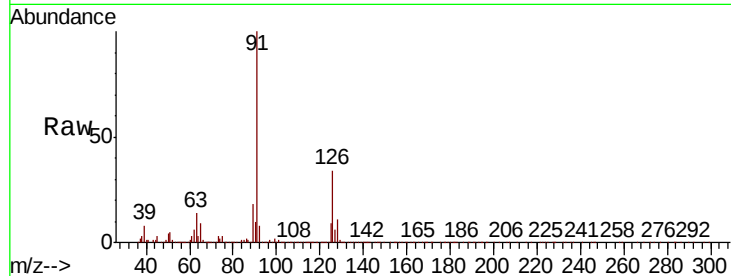




#79
 2-Chlorotoluene
 Concen: 50.452 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

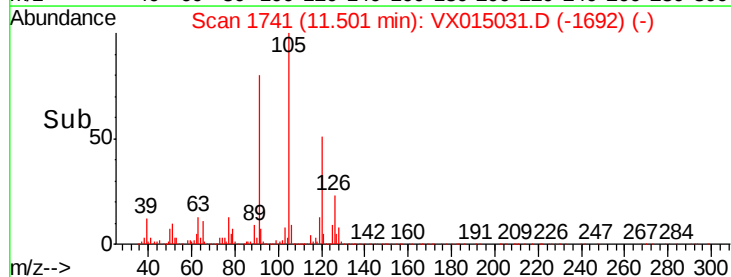
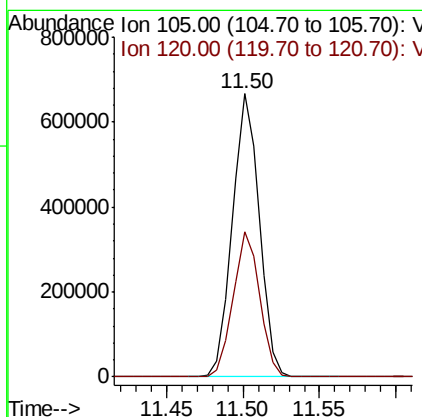
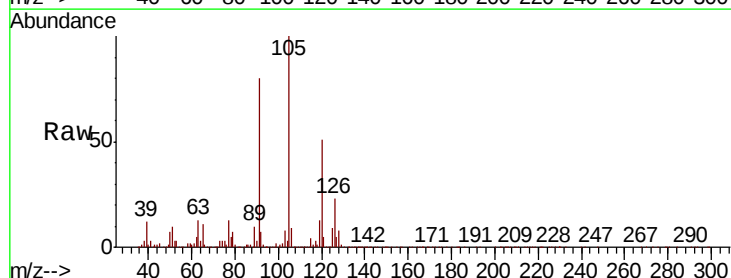
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 654773
 Ion Ratio Lower Upper
 91 100
 126 35.1 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.674 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion: 105 Resp: 808156
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.739 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

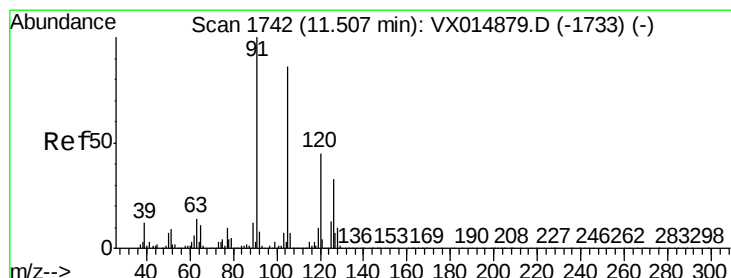
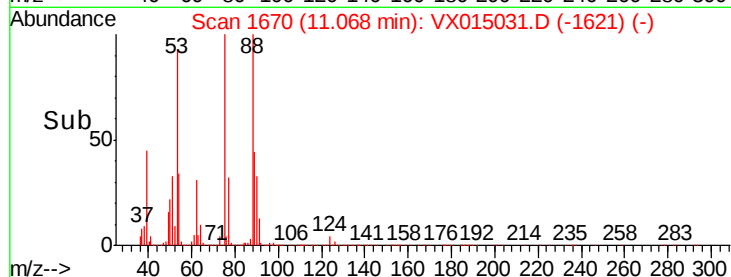
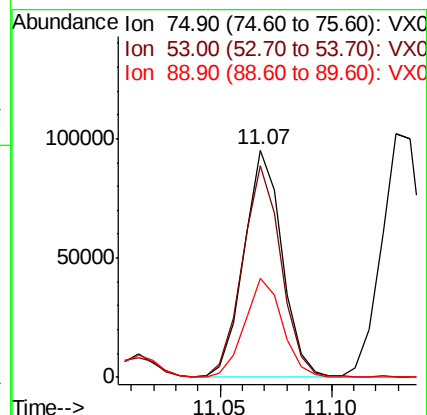
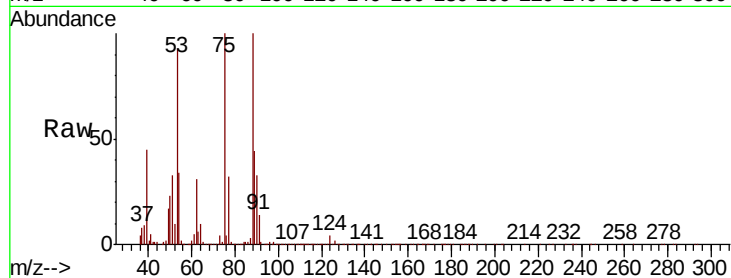
Tot Ion: 75 Resp: 113398

Ion Ratio Lower Upper

75 100

53 93.8 76.2 114.2

89 43.5 35.8 53.6



#82

4-Chlorotoluene

Concen: 49.817 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015031.D

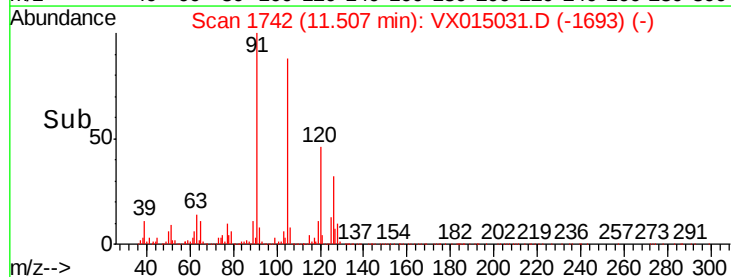
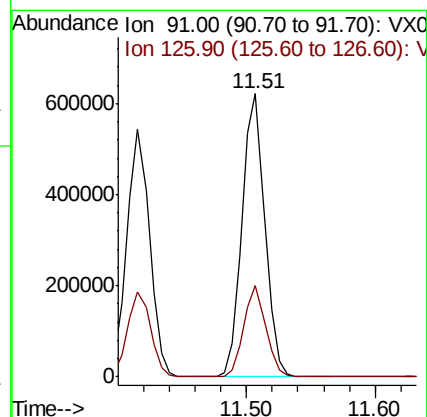
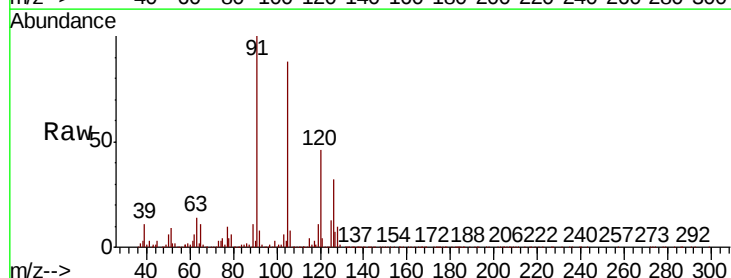
Acq: 26 Feb 2020 19:08

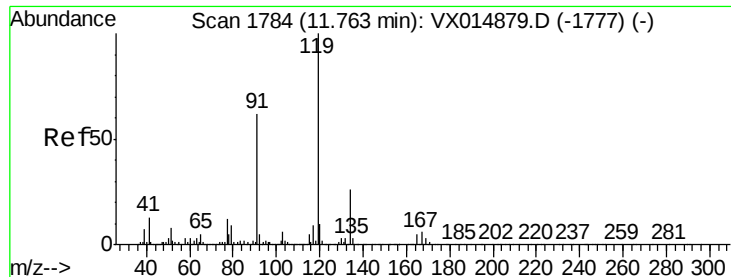
Tgt Ion: 91 Resp: 765631

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.0





#83

tert-Butylbenzene

Concen: 53.349 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

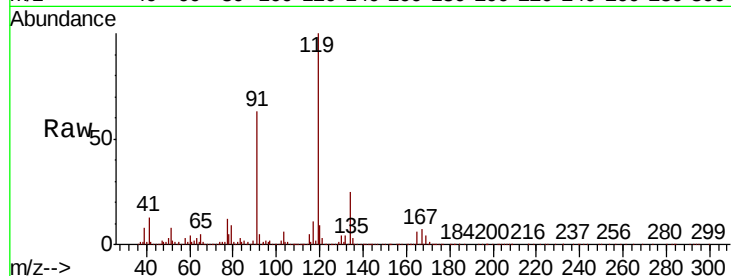
Tot Ion:119 Resp: 805685

Ion Ratio Lower Upper

119 100

91 55.3 29.5 88.6

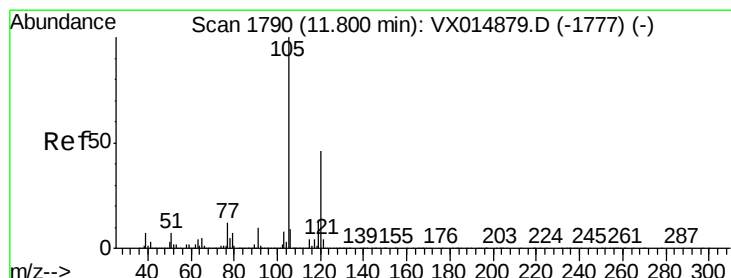
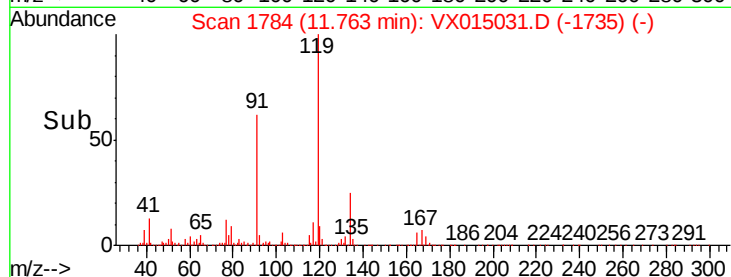
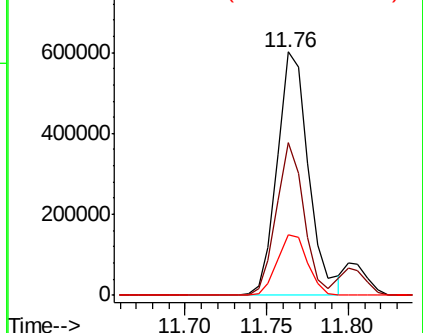
134 24.3 12.6 37.6



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: 51.117 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015031.D

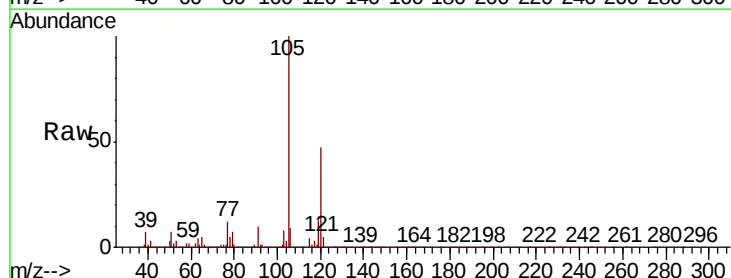
Acq: 26 Feb 2020 19:08

Tgt Ion:105 Resp: 821555

Ion Ratio Lower Upper

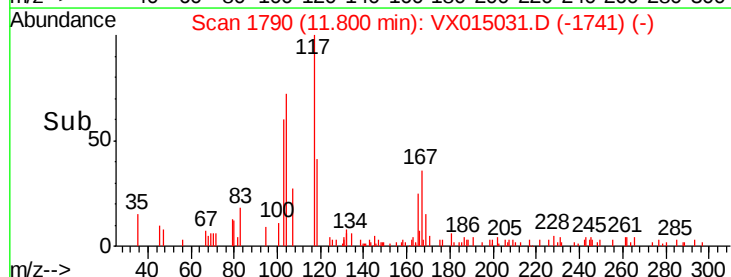
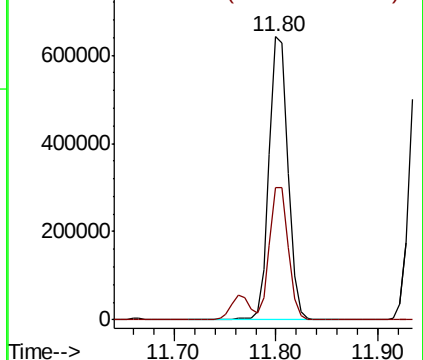
105 100

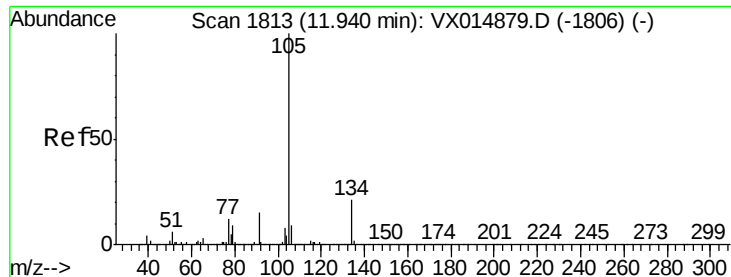
120 46.5 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.419 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

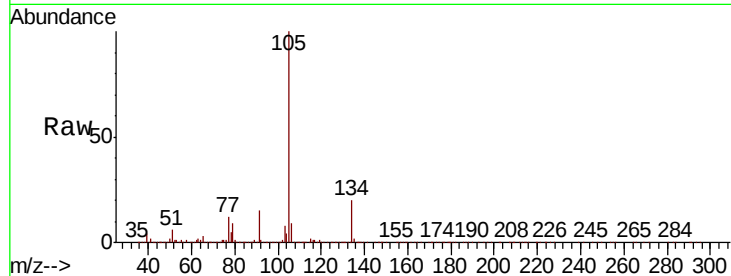
VSTDCCC050EC

Tot Ion:105 Resp: 945923

Ion Ratio Lower Upper

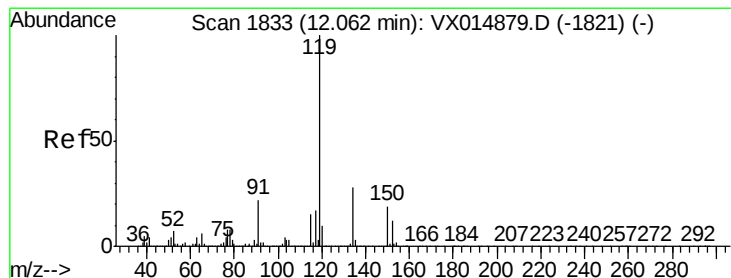
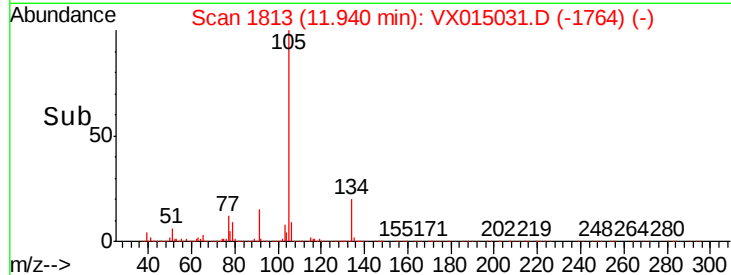
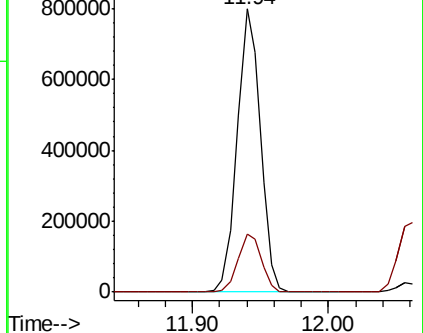
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.009 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

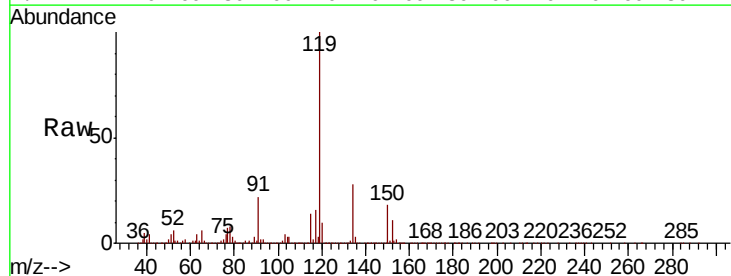
Tgt Ion:119 Resp: 877975

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

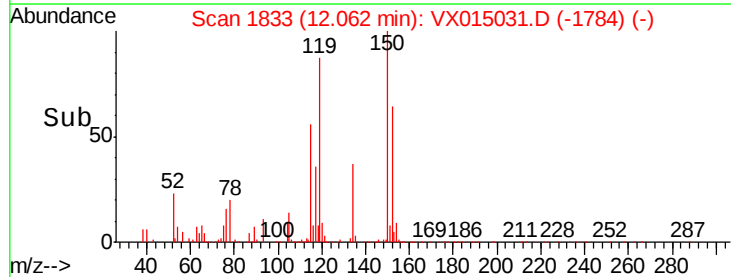
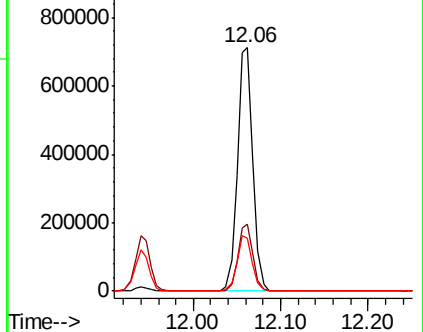
91 22.6 11.4 34.1

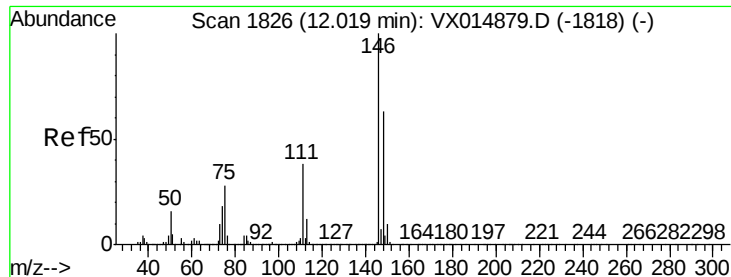


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

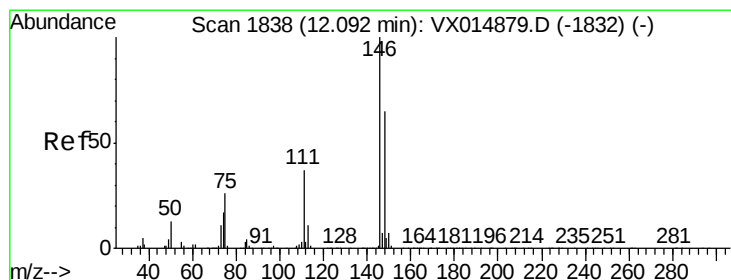
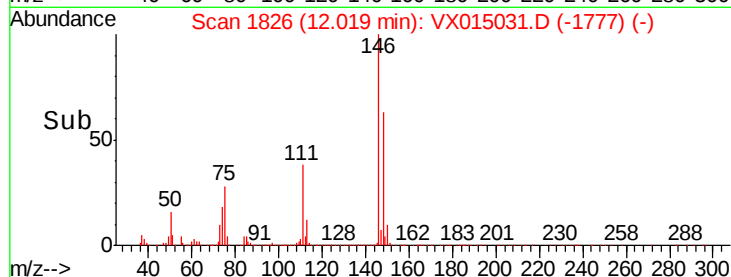
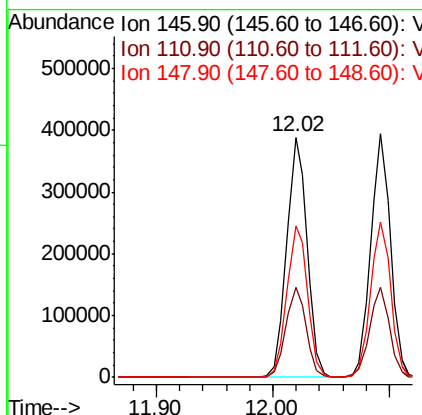
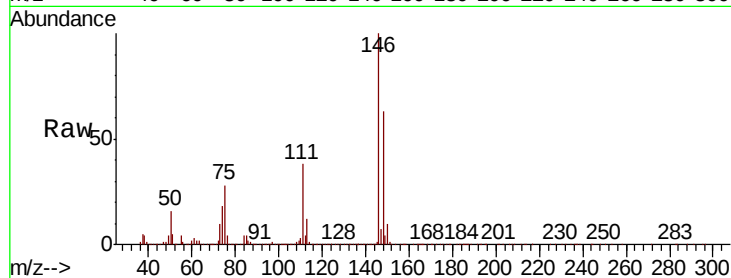




#87
 1,3-Dichlorobenzene
 Concen: 48.936 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

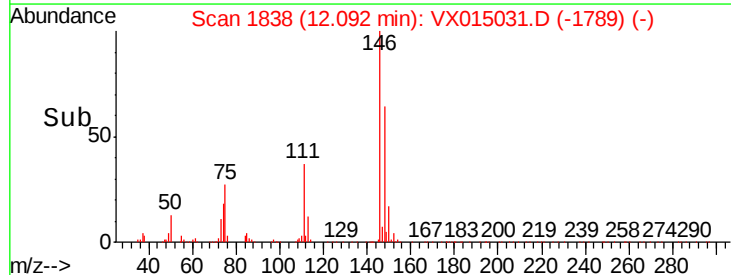
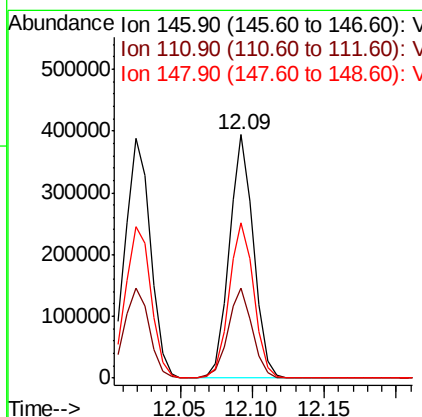
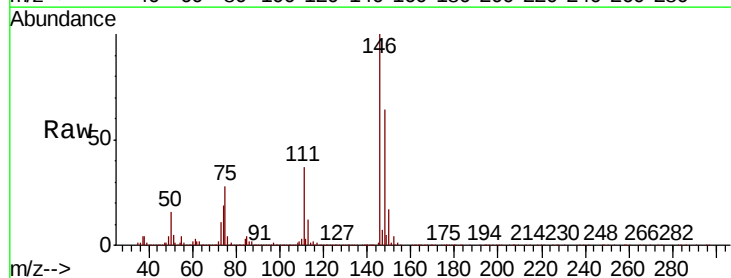
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

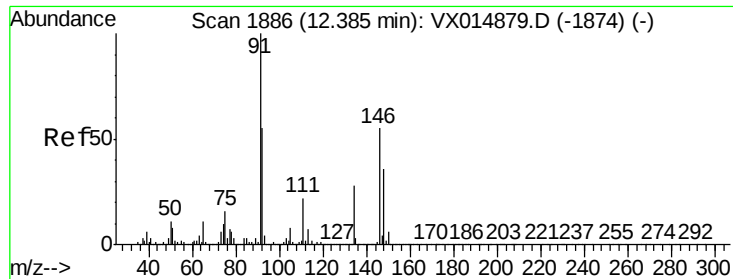
Tot Ion:146 Resp: 467681
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.547 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion:146 Resp: 464036
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.6
 148 65.3 32.4 97.0

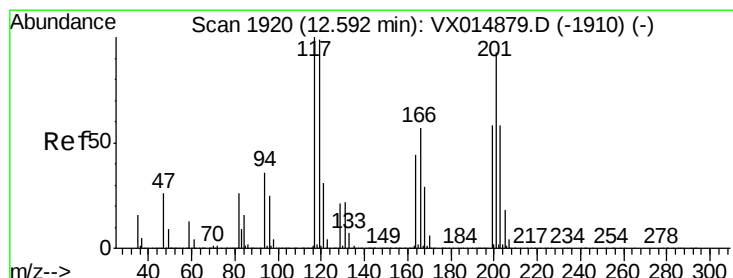
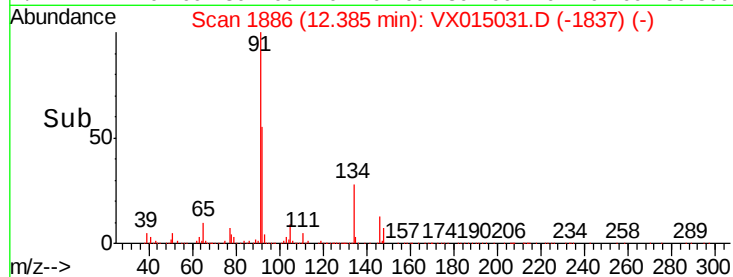
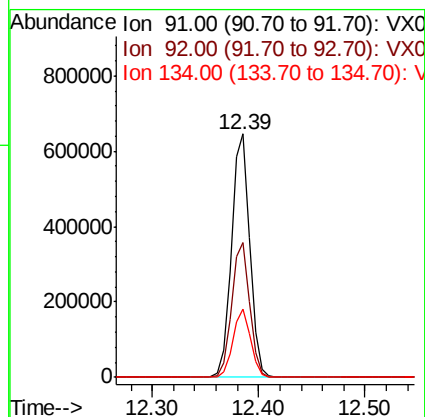
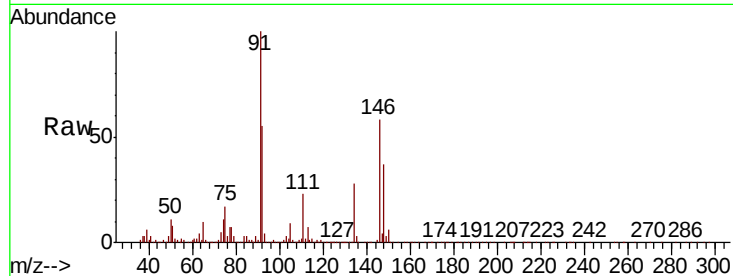




#89
n-Butylbenzene
Concen: 49.253 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

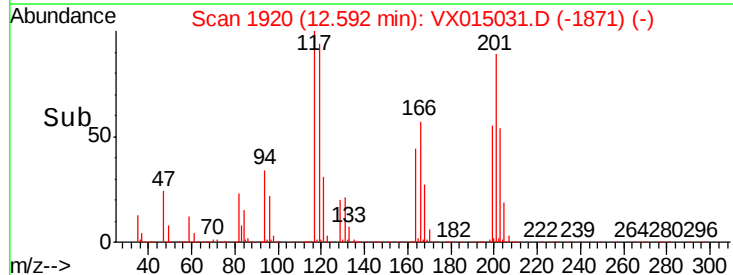
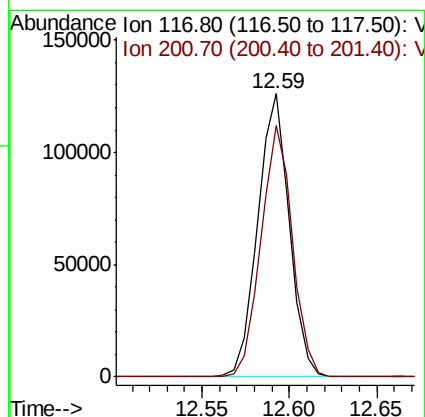
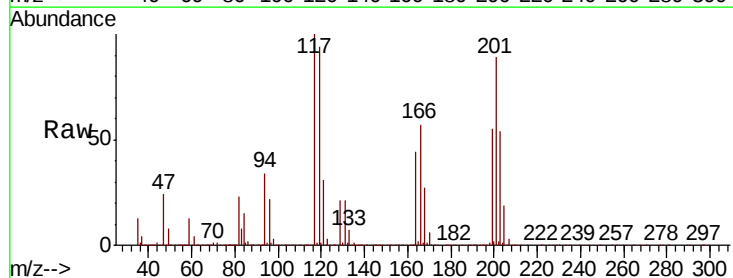
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

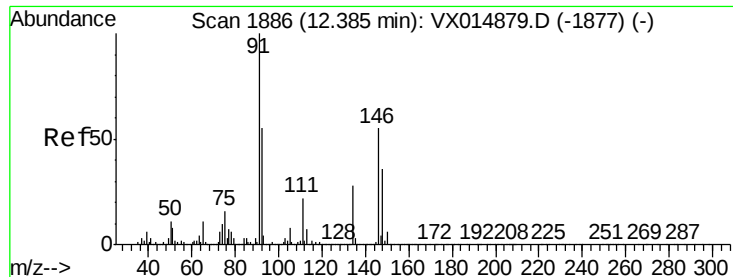
Tot Ion: 91 Resp: 774434
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.8
134 27.4 13.8 41.4



#90
Hexachloroethane
Concen: 51.997 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion: 117 Resp: 159421
Ion Ratio Lower Upper
117 100
201 88.6 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 49.359 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

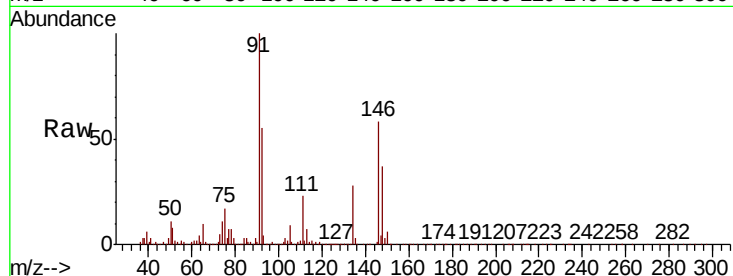
Tot Ion:146 Resp: 462609

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.3

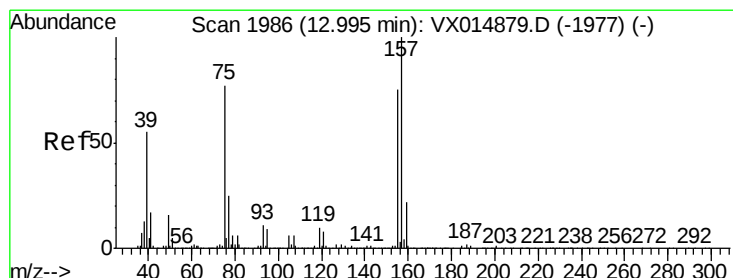
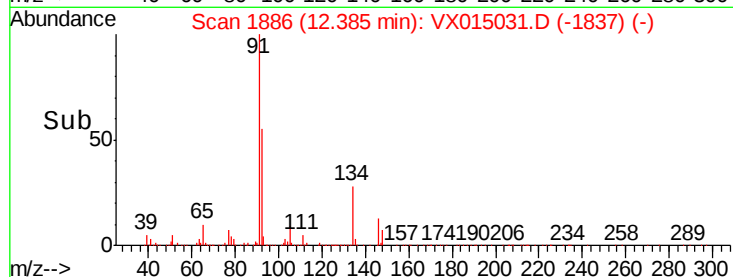
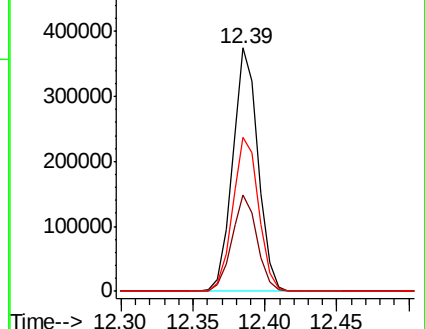
148 64.7 32.4 97.2



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: 49.776 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015031.D

Acq: 26 Feb 2020 19:08

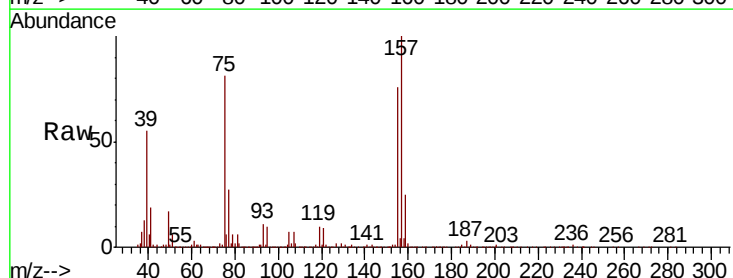
Tgt Ion: 75 Resp: 72860

Ion Ratio Lower Upper

75 100

155 97.0 48.6 145.9

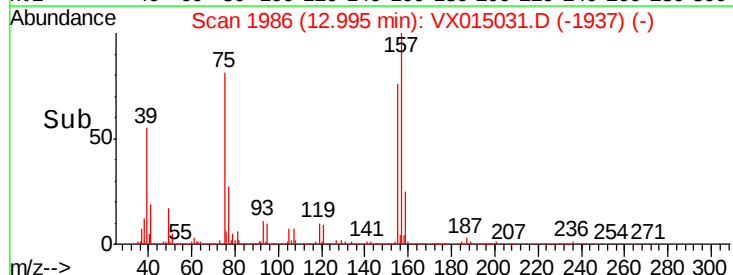
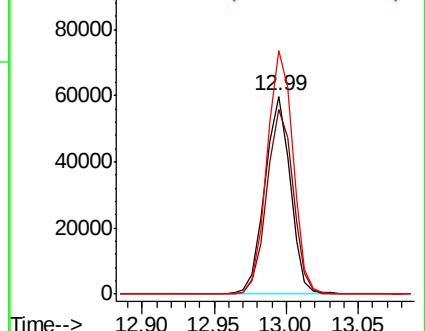
157 126.6 62.0 186.0



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

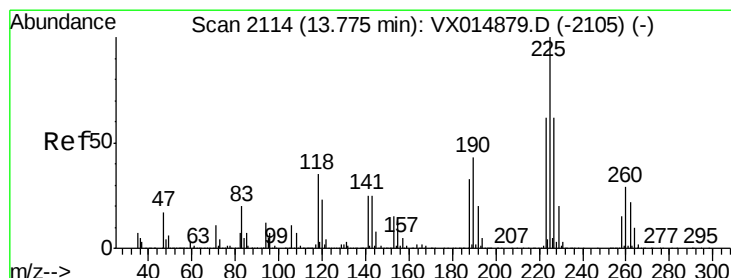
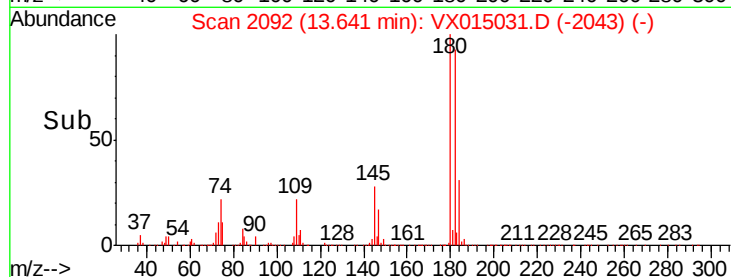
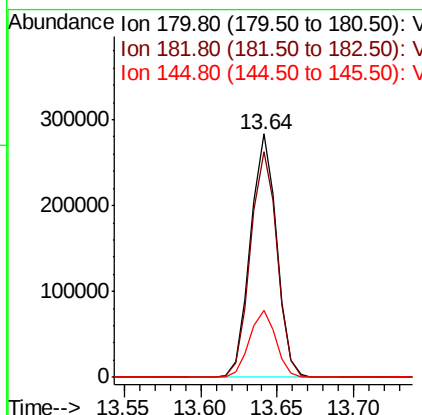
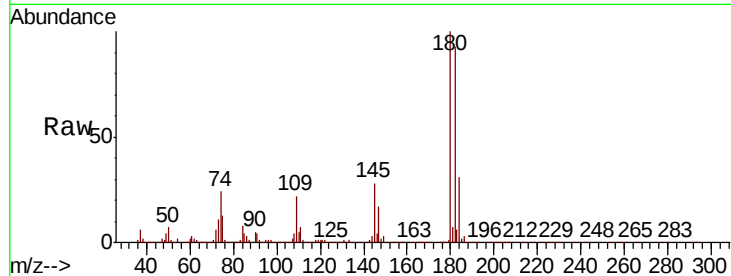




#93
 1,2,4-Trichlorobenzene
 Concen: 49.010 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

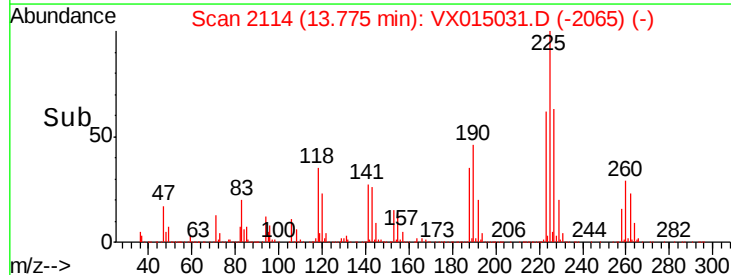
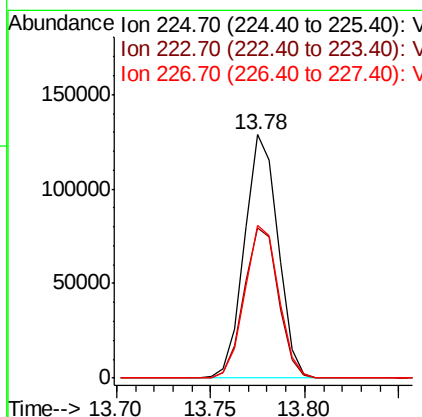
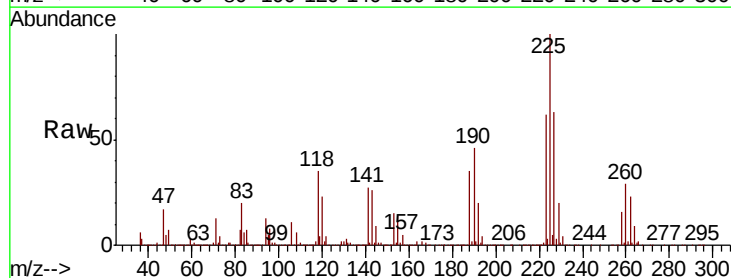
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

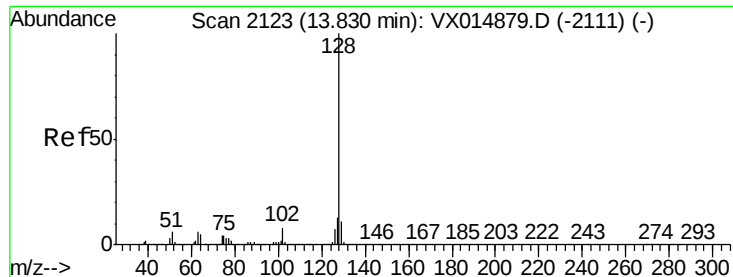
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.4	145.3
145	27.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 47.545 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015031.D
 Acq: 26 Feb 2020 19:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	63.6	30.9	92.5

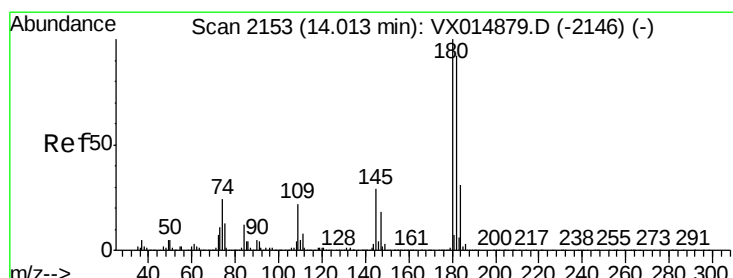
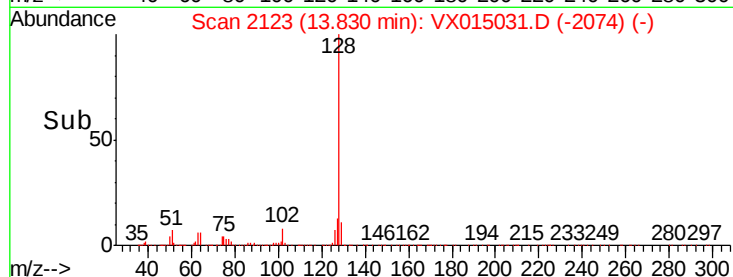
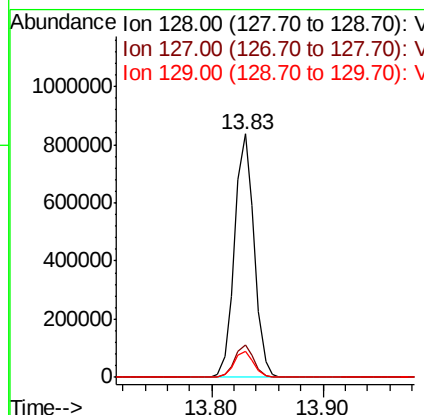
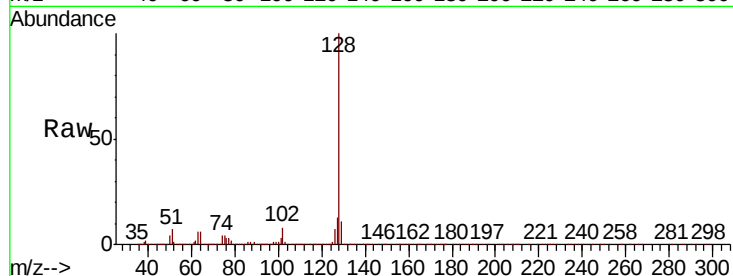




#95
Naphthalene
Concen: 54.950 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1010705
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.859 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015031.D
Acq: 26 Feb 2020 19:08

Tgt Ion:180 Resp: 333236
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.6
145 29.9 14.5 43.5

