

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122719\
 Data File : VX014328.D
 Acq On : 27 Dec 2019 22:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 30 05:41:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	478556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	747310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	678882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332021	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	268282	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	221999	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	860025	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	307520	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	179415	41.907	ug/l	99
3) Chloromethane	1.32	50	253566	44.132	ug/l	100
4) Vinyl Chloride	1.40	62	274673	45.306	ug/l	100
5) Bromomethane	1.63	94	192485	44.733	ug/l	98
6) Chloroethane	1.71	64	176342	47.128	ug/l	99
7) Trichlorofluoromethane	1.92	101	351580	46.846	ug/l	97
8) Diethyl Ether	2.18	74	166845	47.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215508	47.637	ug/l	99
10) Methyl Iodide	2.50	142	259699	43.869	ug/l	100
11) Tert butyl alcohol	3.03	59	287581	245.386	ug/l	98
12) 1,1-Dichloroethene	2.36	96	217855	47.325	ug/l	98
13) Acrolein	2.28	56	186086	277.383	ug/l	99
14) Allyl chloride	2.72	41	405565	49.343	ug/l	97
15) Acrylonitrile	3.13	53	724087	264.708	ug/l	99
16) Acetone	2.43	43	597839	169.783	ug/l	100
17) Carbon Disulfide	2.56	76	537930	42.211	ug/l	97
18) Methyl Acetate	2.76	43	397609	56.985	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	763975	50.504	ug/l	98
20) Methylene Chloride	2.85	84	257879	46.507	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	234292	46.198	ug/l	97
22) Diisopropyl ether	3.84	45	840731	51.330	ug/l	91
23) Vinyl Acetate	3.80	43	2336934	174.840	ug/l	99
24) 1,1-Dichloroethane	3.69	63	450086	49.392	ug/l	100
25) 2-Butanone	4.65	43	996094	229.451	ug/l	98
26) 2,2-Dichloropropane	4.58	77	304420	43.027	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	283384	49.408	ug/l	96
28) Bromochloromethane	5.00	49	187402	53.442	ug/l	98
29) Tetrahydrofuran	5.11	42	650582	267.933	ug/l	98
30) Chloroform	5.20	83	431127	49.908	ug/l	98
31) Cyclohexane	5.57	56	392258	48.399	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	358486	48.692	ug/l	99
36) 1,1-Dichloropropene	5.79	75	320570	46.751	ug/l	100
37) Ethyl Acetate	4.82	43	391242	51.669	ug/l	99
38) Carbon Tetrachloride	5.78	117	299330	47.919	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	384923	45.463	ug/l	98
40) Benzene	6.14	78	1006544	47.708	ug/l	99
41) Methacrylonitrile	5.03	41	216296	51.482	ug/l	99
42) 1,2-Dichloroethane	6.19	62	344148	48.121	ug/l	99
43) Isopropyl Acetate	6.43	43	638098	50.920	ug/l	99
44) Trichloroethene	7.20	130	283507	48.650	ug/l	98
45) 1,2-Dichloropropane	7.51	63	270507	50.023	ug/l	97
46) Dibromomethane	7.65	93	167968	46.981	ug/l	100
47) Bromodichloromethane	7.89	83	337395	50.107	ug/l	100
48) Methyl methacrylate	7.76	41	311897	50.828	ug/l	98
49) 1,4-Dioxane	7.73	88	113275	907.110	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2000425	254.186	ug/l	100
52) Toluene	8.78	92	625466	46.902	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	363215	49.194	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	412002	50.088	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	262700	49.151	ug/l	99
56) Ethyl methacrylate	9.17	69	420144	50.043	ug/l	100
57) 1,3-Dichloropropane	9.37	76	444344	49.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	834081	262.519	ug/l	99
59) 2-Hexanone	9.48	43	1519774	239.889	ug/l	100
60) Dibromochloromethane	9.57	129	271602	51.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	272657	49.860	ug/l	99
64) Tetrachloroethene	9.33	164	388517	64.675	ug/l	97
65) Chlorobenzene	10.14	112	670043	46.419	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	254165	49.314	ug/l	100
67) Ethyl Benzene	10.25	91	1189631	47.937	ug/l	98
68) m/p-Xylenes	10.36	106	897358	94.015	ug/l	99
69) o-Xylene	10.70	106	443467	47.373	ug/l	99
70) Styrene	10.71	104	761920	48.133	ug/l	99
71) Bromoform	10.85	173	208442	50.312	ug/l	99
73) Isopropylbenzene	11.01	105	1158640	49.564	ug/l	100
74) N-amyl acetate	10.89	43	550349	50.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	367350	45.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	460445	63.879	ug/l	87
77) Bromobenzene	11.25	156	301510	46.878	ug/l	99
78) n-propylbenzene	11.35	91	1315576	50.172	ug/l	100
79) 2-Chlorotoluene	11.42	91	777916	48.805	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	965272	49.063	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	128408	50.281	ug/l	99
82) 4-Chlorotoluene	11.51	91	889407	48.105	ug/l	99
83) tert-Butylbenzene	11.76	119	825559	43.119	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	975562	49.515	ug/l	99
85) sec-Butylbenzene	11.94	105	1130174	50.002	ug/l	100
86) p-Isopropyltoluene	12.06	119	1021315	49.398	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	524058	46.490	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	529283	46.178	ug/l	99
89) n-Butylbenzene	12.39	91	876906	49.707	ug/l	100
90) Hexachloroethane	12.59	117	179502	48.336	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	530840	46.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	83303	46.448	ug/l	98

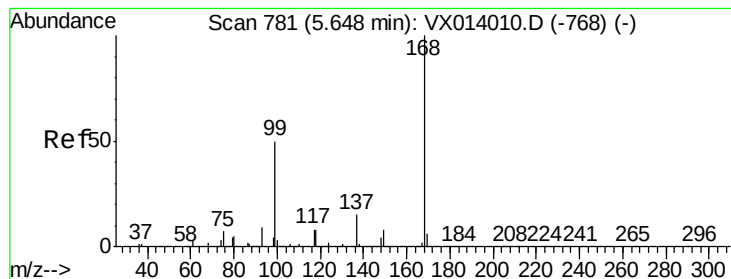
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	356252	48.303	ug/l	99
94) Hexachlorobutadiene	13.78	225	164217	46.329	ug/l	98
95) Naphthalene	13.83	128	1101879	50.850	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	356173	48.921	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

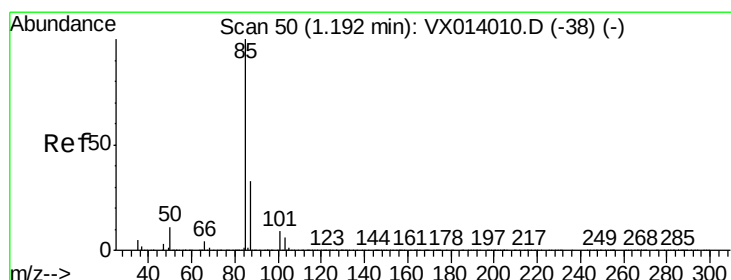
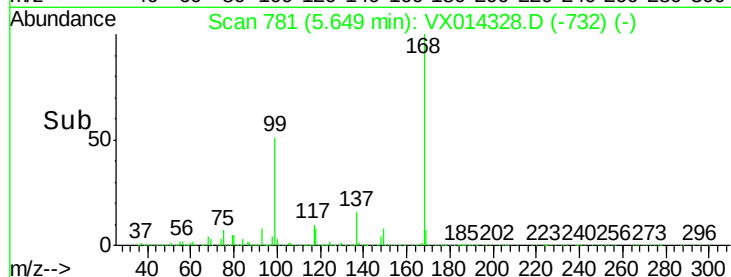
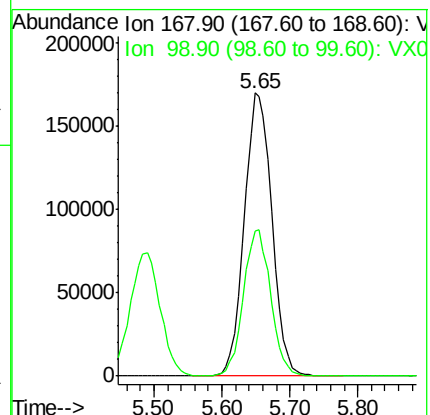
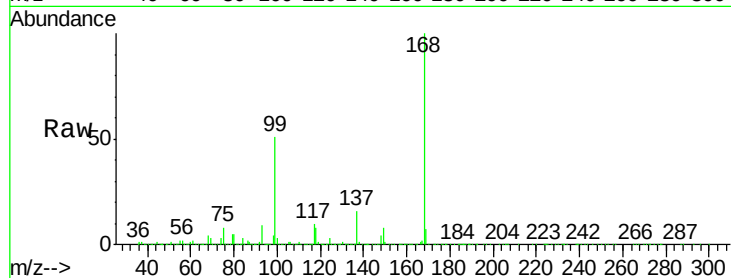
VSTDCCC050EC

Tgt Ion:168 Resp: 478556

Ion Ratio Lower Upper

168 100

99 51.3 40.3 60.5



#2

Dichlorodifluoromethane

Concen: 41.907 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014328.D

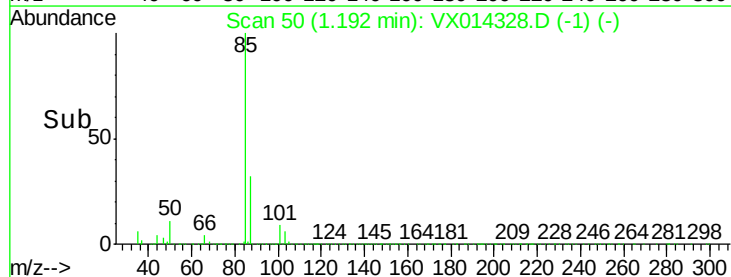
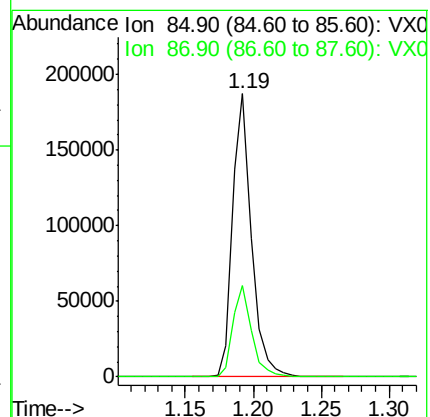
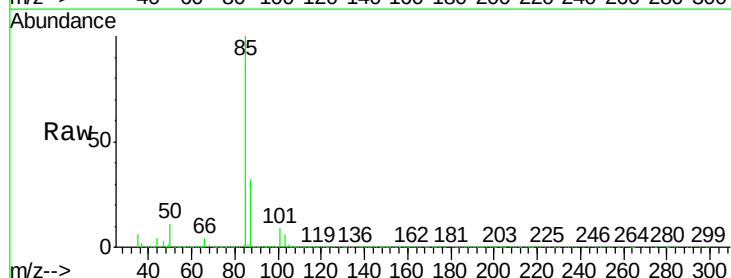
Acq: 27 Dec 2019 22:44

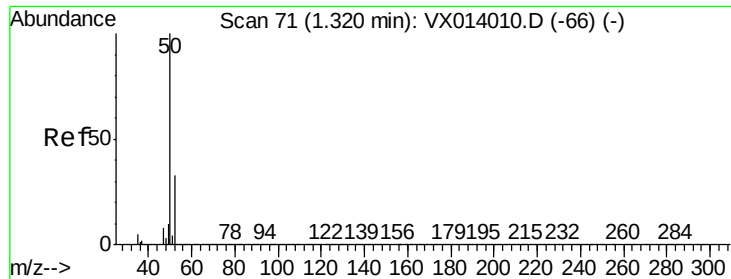
Tgt Ion: 85 Resp: 179415

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2

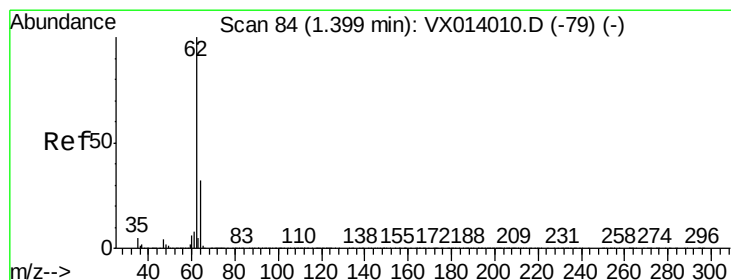
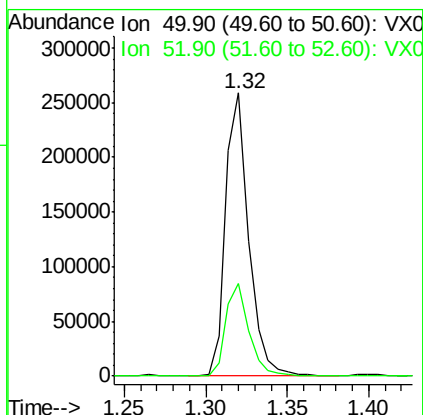
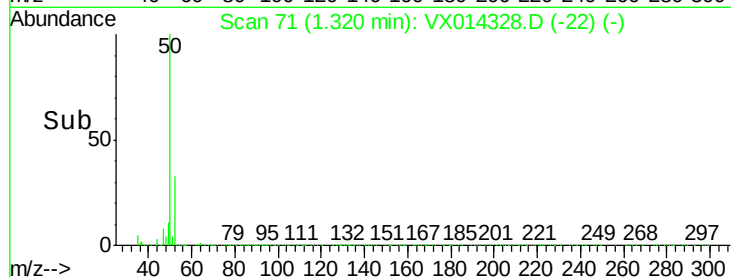
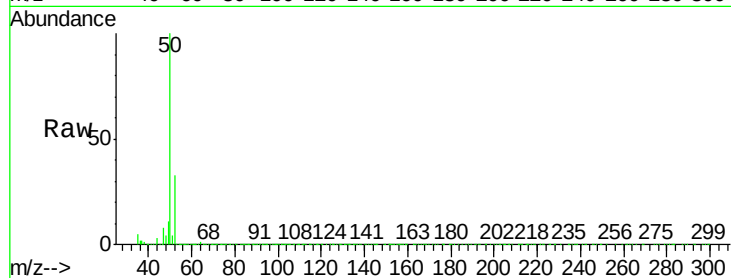




#3
Chloromethane
Concen: 44.132 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

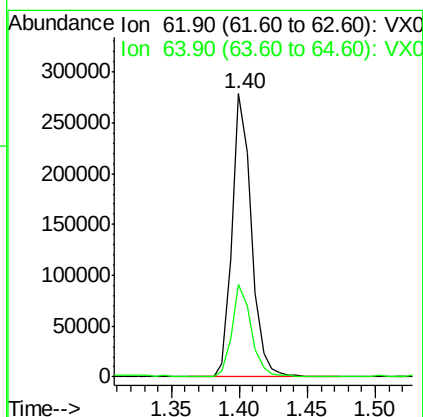
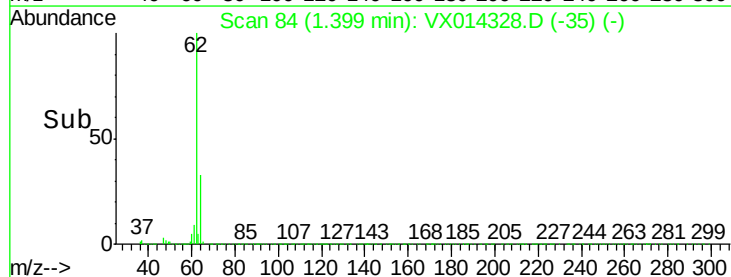
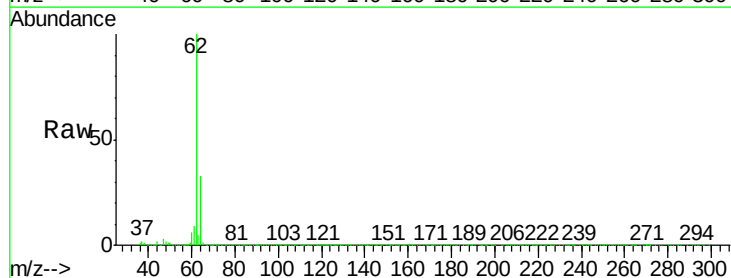
Instrument :
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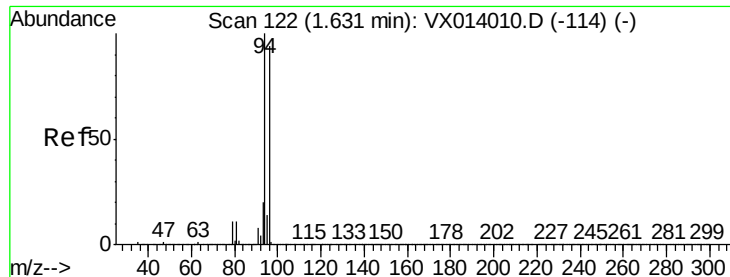
Tgt Ion: 50 Resp: 253566
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4



#4
Vinyl Chloride
Concen: 45.306 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 62 Resp: 274673
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5

Bromomethane

Concen: 44.733 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

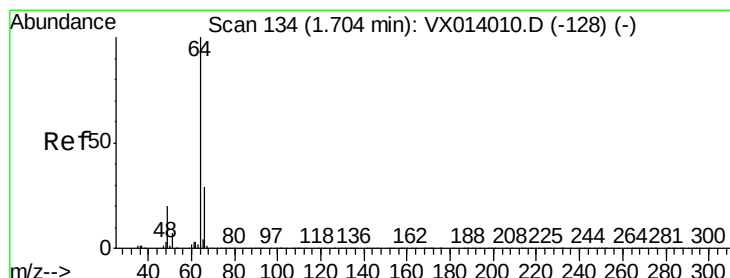
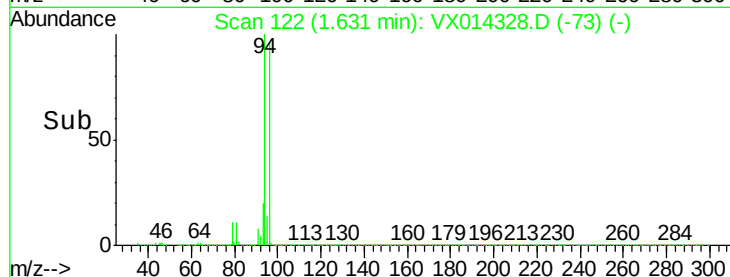
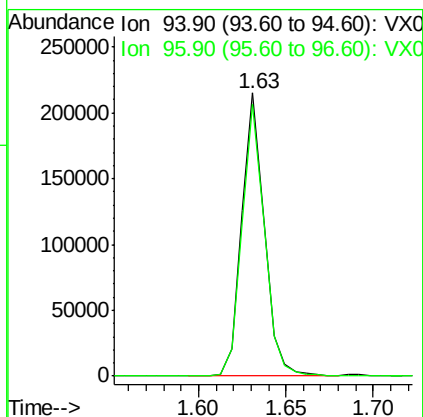
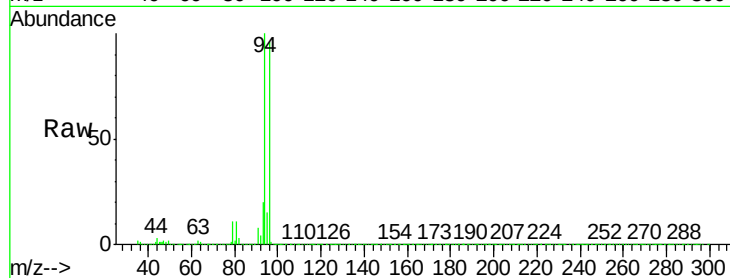
VSTDCCC050EC

Tgt Ion: 94 Resp: 192485

Ion Ratio Lower Upper

94 100

96 96.1 75.2 112.8



#6

Chloroethane

Concen: 47.128 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014328.D

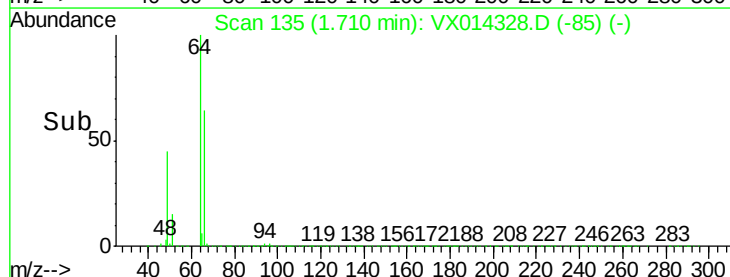
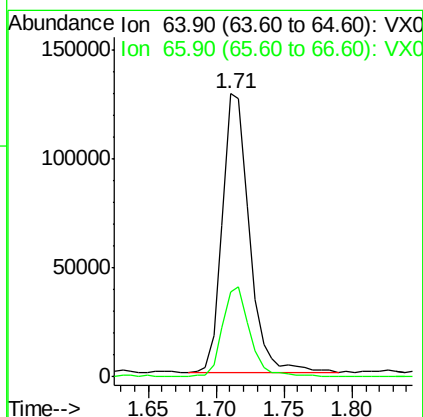
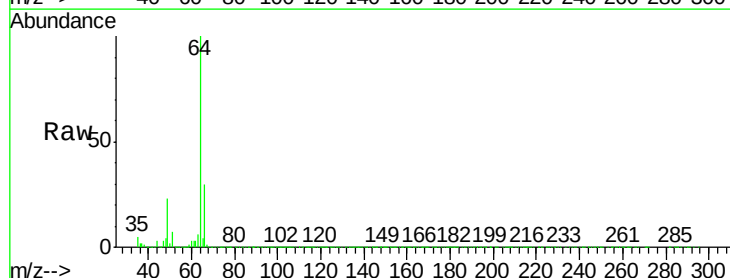
Acq: 27 Dec 2019 22:44

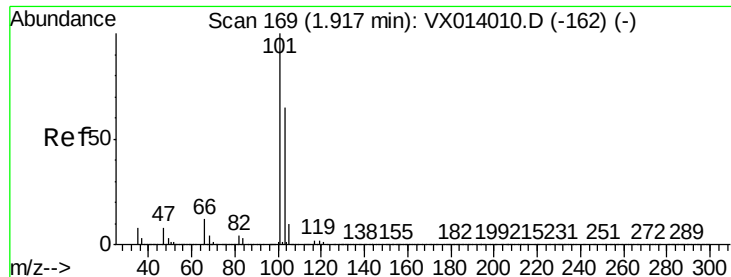
Tgt Ion: 64 Resp: 176342

Ion Ratio Lower Upper

64 100

66 30.1 23.4 35.2



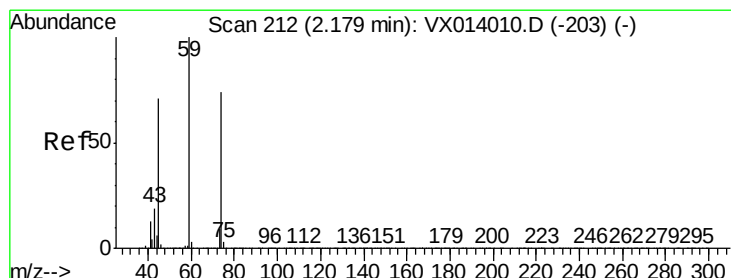
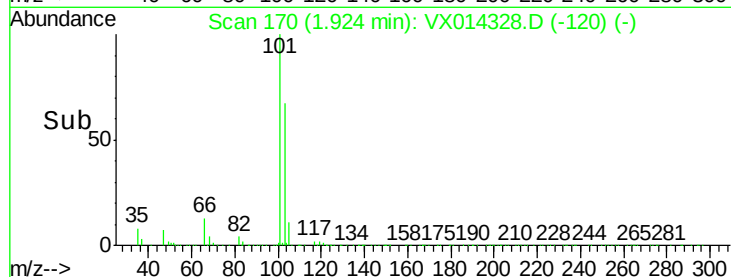
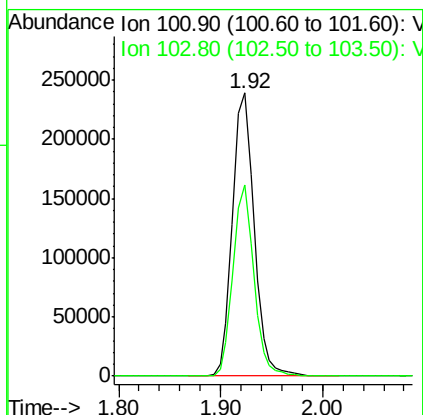
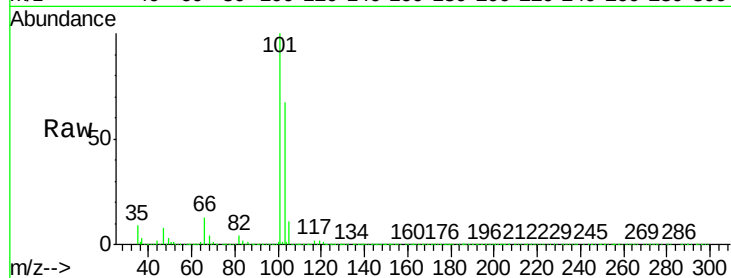


#7

Trichlorofluoromethane
Concen: 46.846 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014328.D
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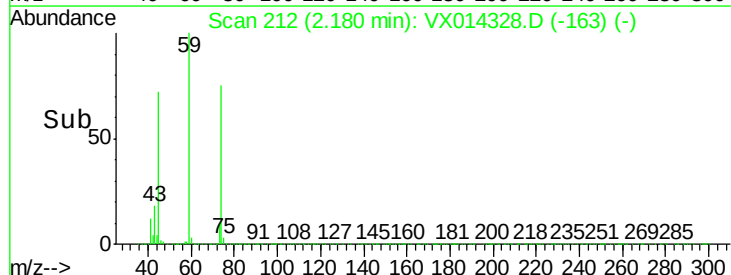
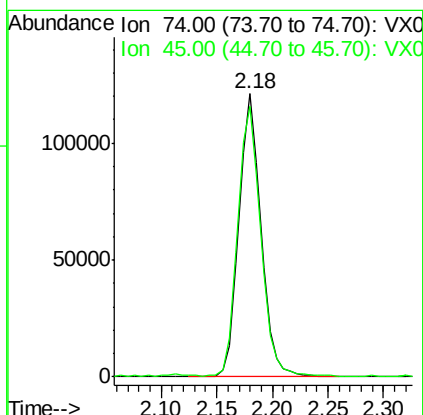
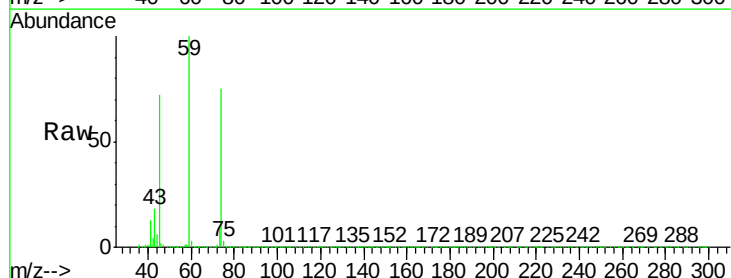
Tgt Ion:101 Resp: 351580
Ion Ratio Lower Upper
101 100
103 67.3 52.2 78.4

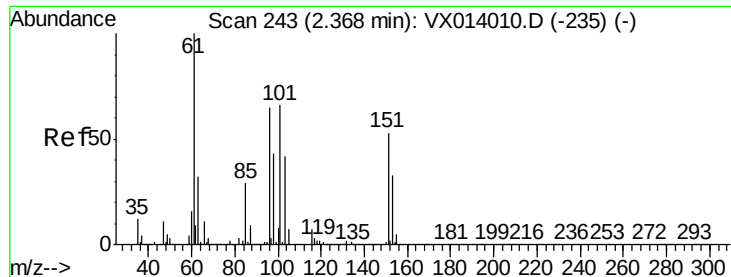


#8

Diethyl Ether
Concen: 47.369 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 74 Resp: 166845
Ion Ratio Lower Upper
74 100
45 99.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.637 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

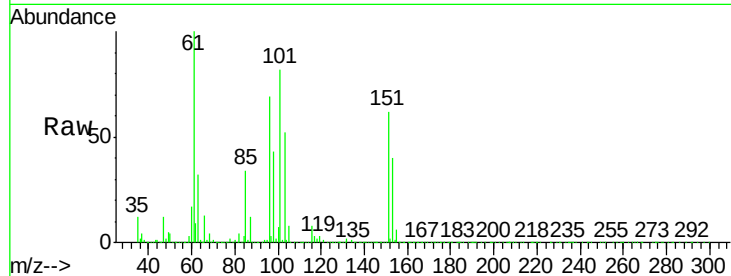
Tgt Ion:101 Resp: 215508

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

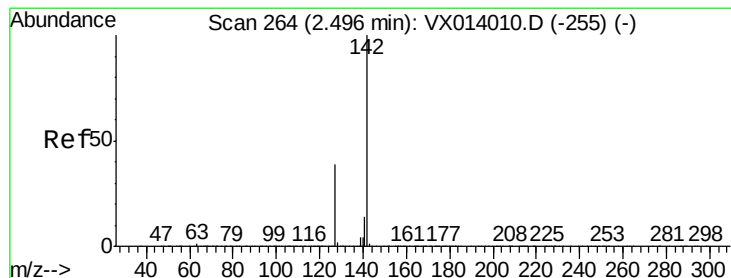
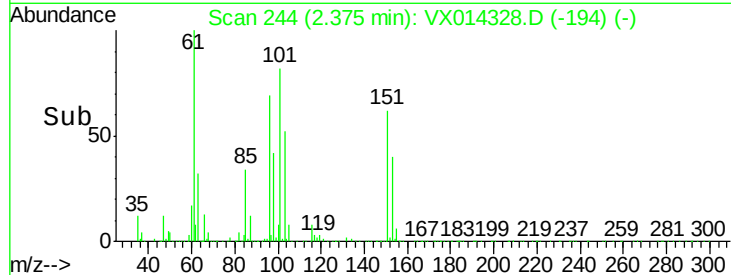
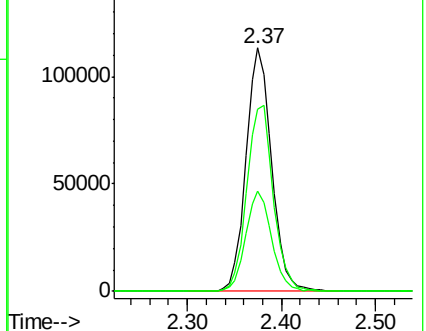
151 79.1 64.5 96.7



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: 43.869 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

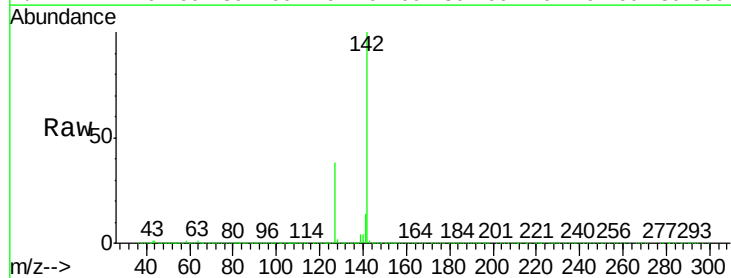
Tgt Ion:142 Resp: 259699

Ion Ratio Lower Upper

142 100

127 39.2 31.6 47.4

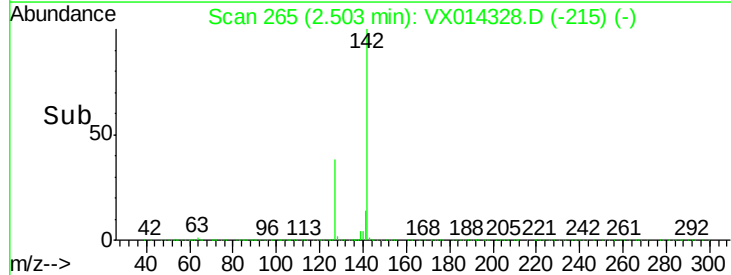
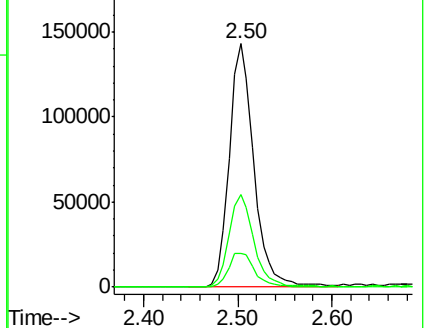
141 14.6 11.6 17.4

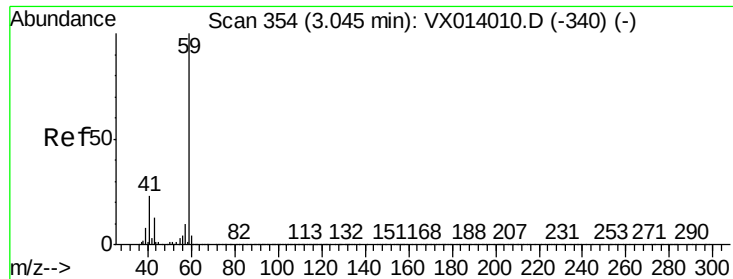


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



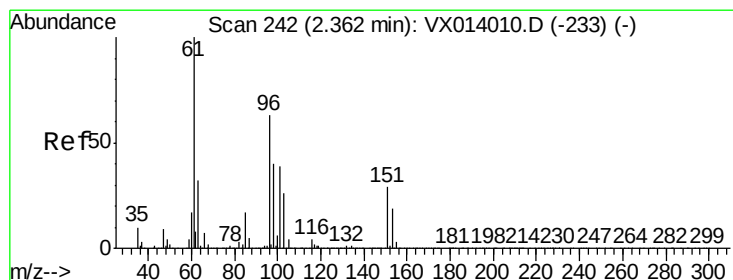
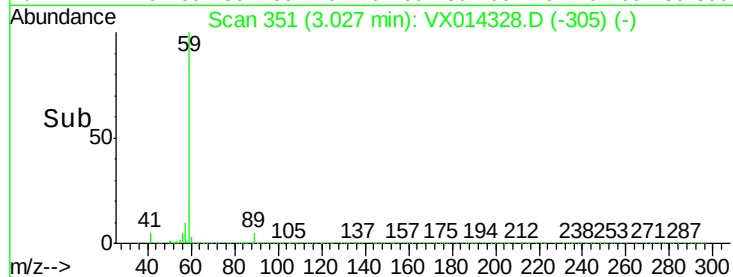
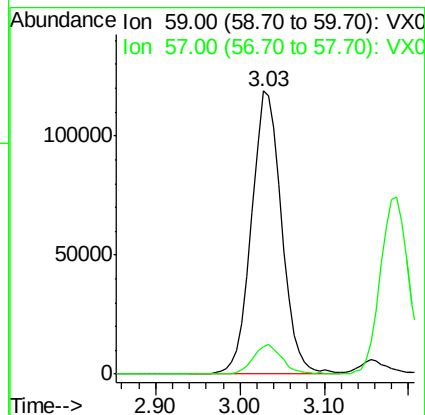
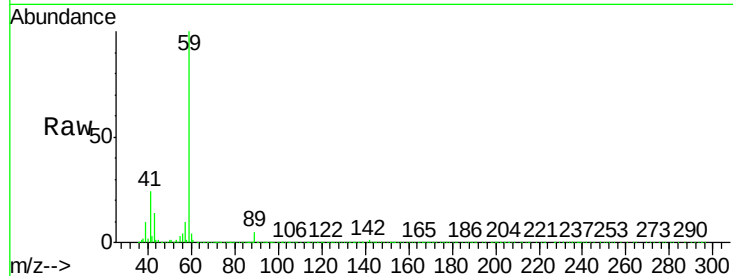


#11

Tert butyl alcohol
 Concen: 245.386 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

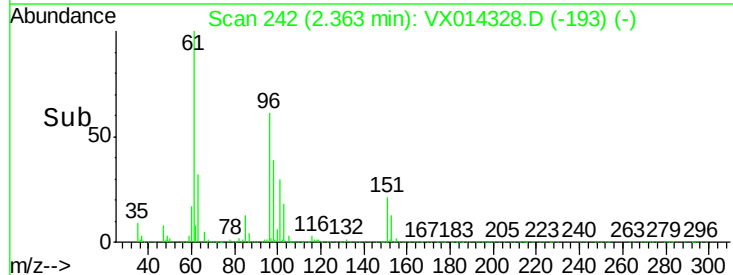
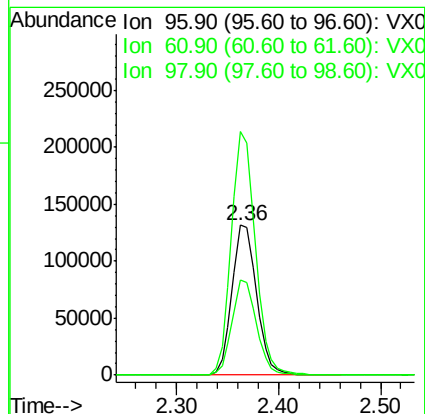
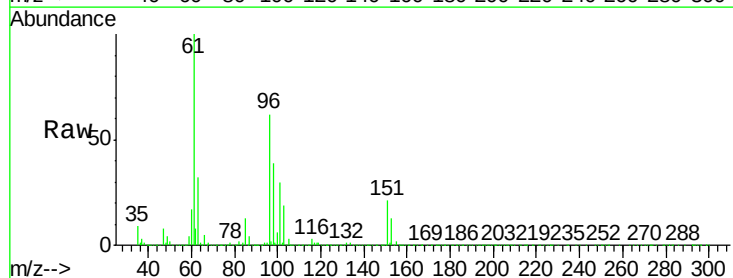
Tgt Ion: 59 Resp: 287581
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

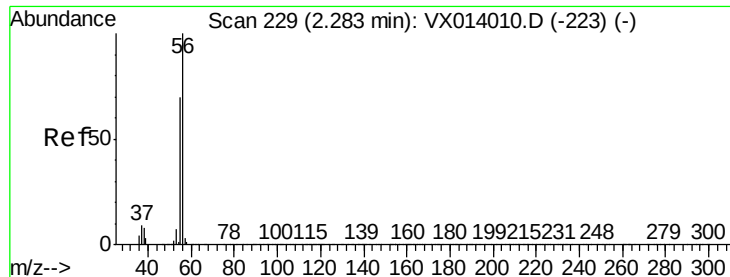


#12

1,1-Dichloroethene
 Concen: 47.325 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion: 96 Resp: 217855
 Ion Ratio Lower Upper
 96 100
 61 162.8 127.9 191.9
 98 63.7 50.5 75.7





#13

Acrolein

Concen: 277.383 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

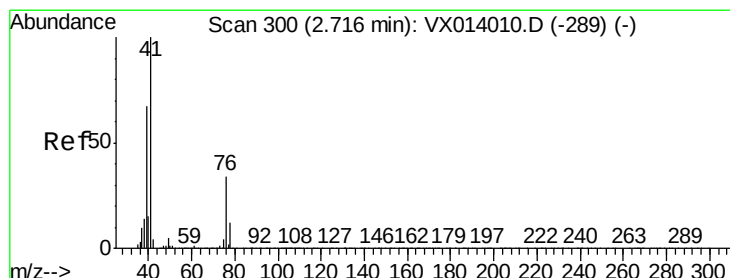
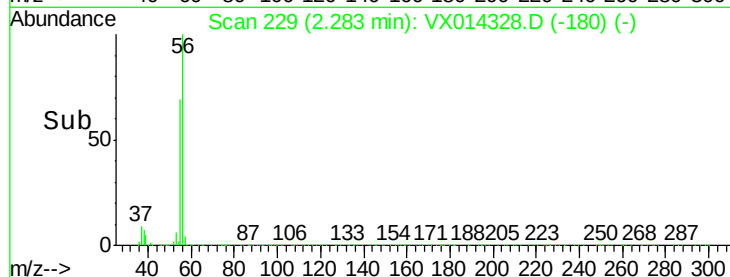
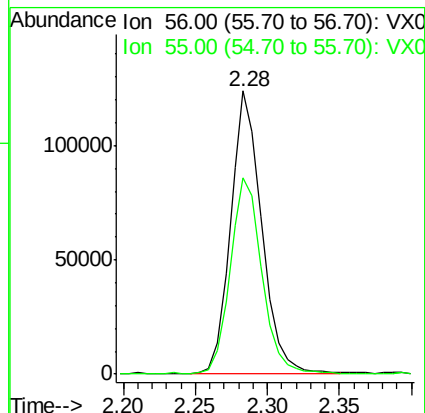
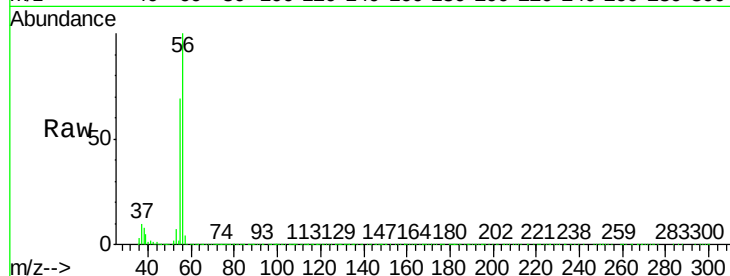
VSTDCCC050EC

Tgt Ion: 56 Resp: 186086

Ion Ratio Lower Upper

56 100

55 70.4 56.9 85.3



#14

Allyl chloride

Concen: 49.343 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

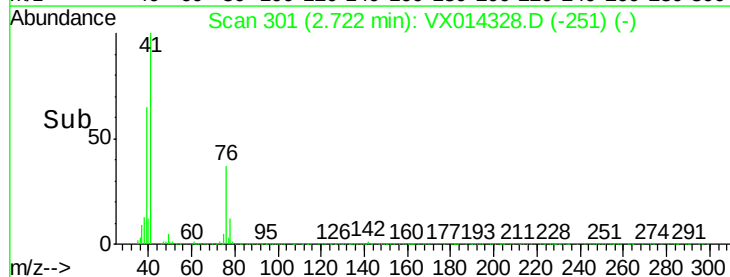
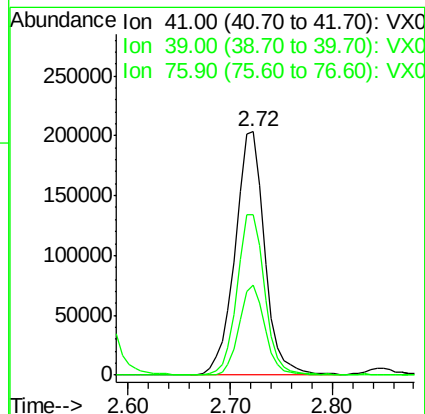
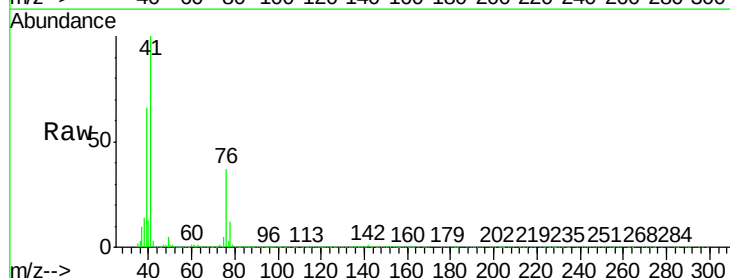
Tgt Ion: 41 Resp: 405565

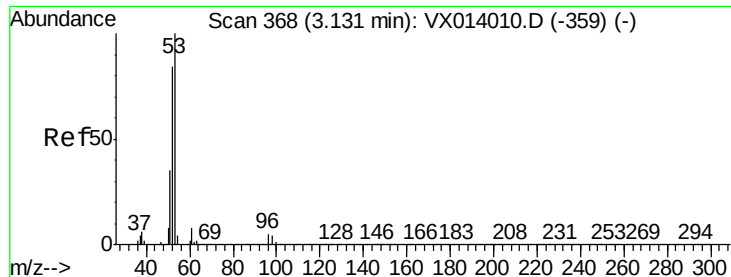
Ion Ratio Lower Upper

41 100

39 61.9 51.8 77.8

76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 264.708 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

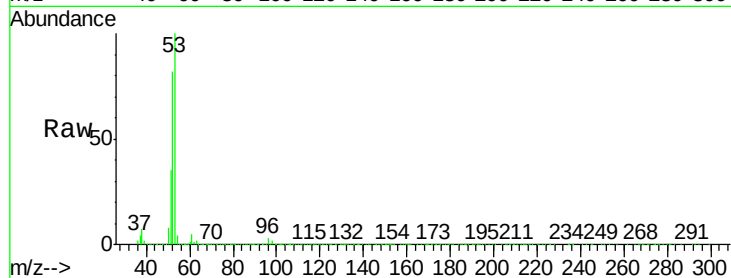
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 724087

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.5	99.7
51	35.8	28.1	42.1

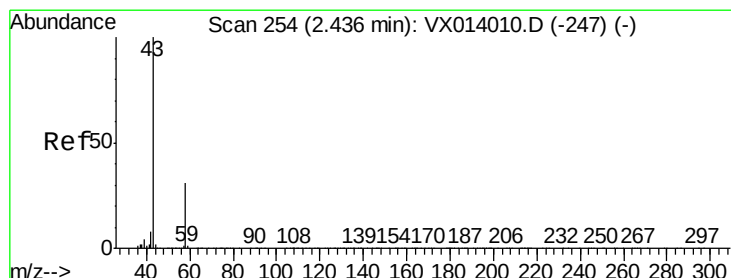
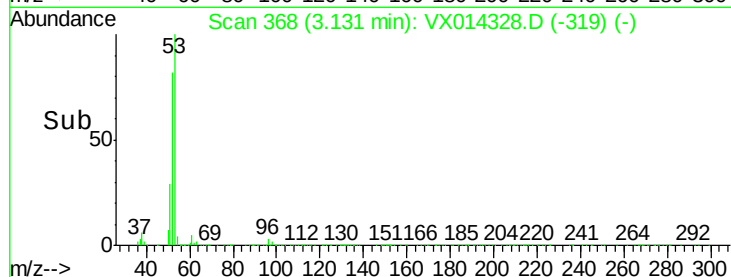
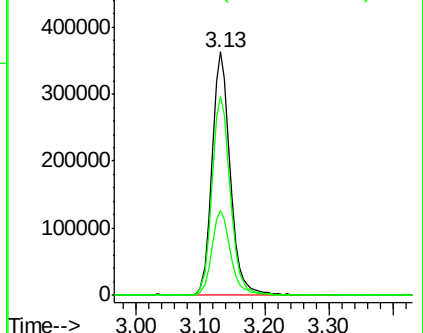


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 169.783 ug/l

RT: 2.43 min Scan# 253

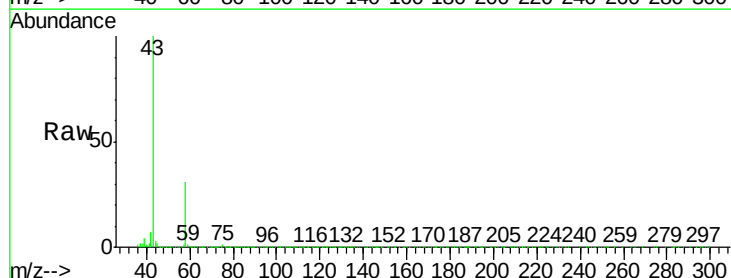
Delta R.T. -0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Tgt Ion: 43 Resp: 597839

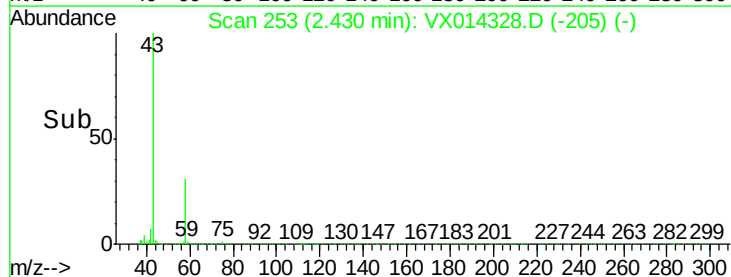
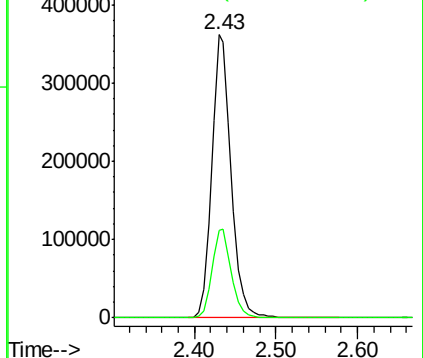
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.9	37.3

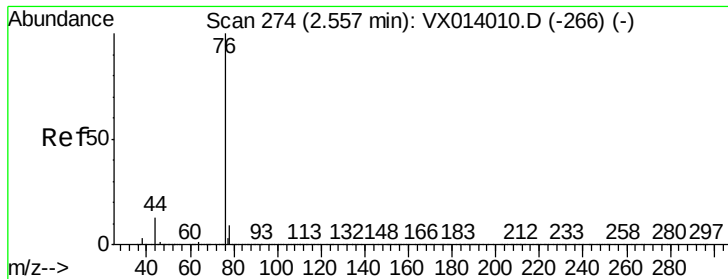


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.211 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

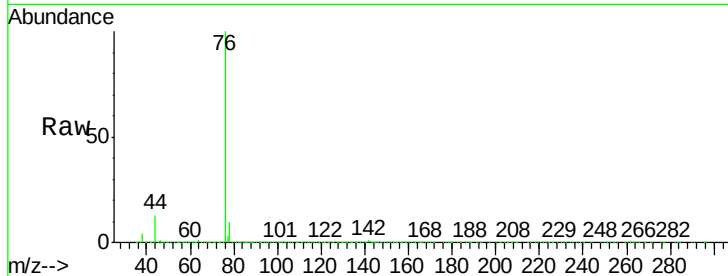
VSTDCCC050EC

Tgt Ion: 76 Resp: 537930

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

300000

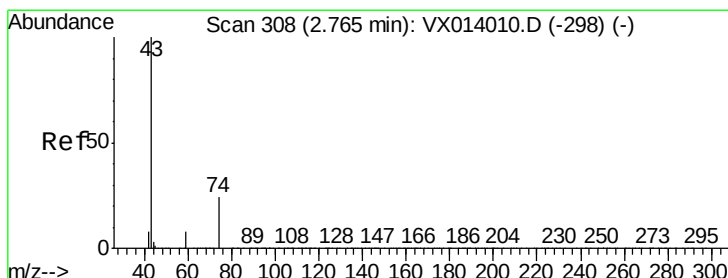
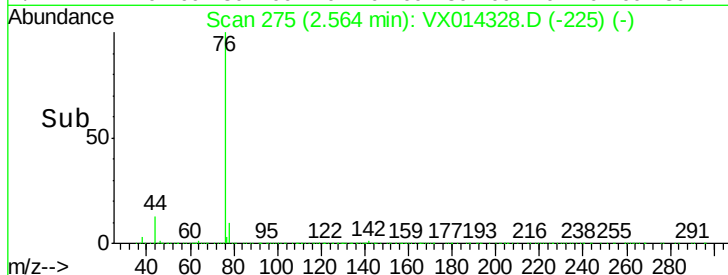
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 56.985 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014328.D

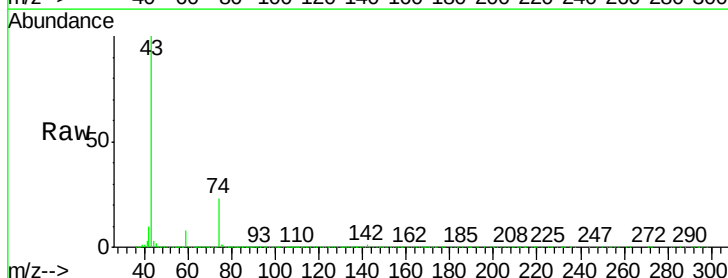
Acq: 27 Dec 2019 22:44

Tgt Ion: 43 Resp: 397609

Ion Ratio Lower Upper

43 100

74 23.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

150000

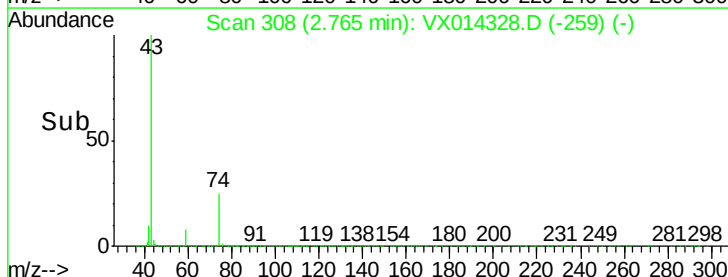
100000

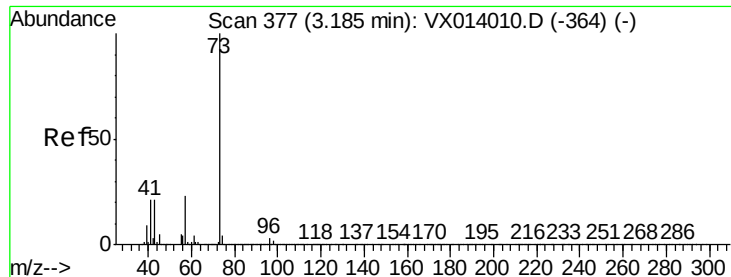
50000

0

Time-->

2.70 2.80 2.90

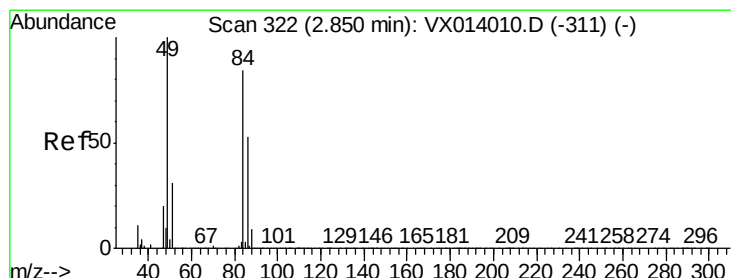
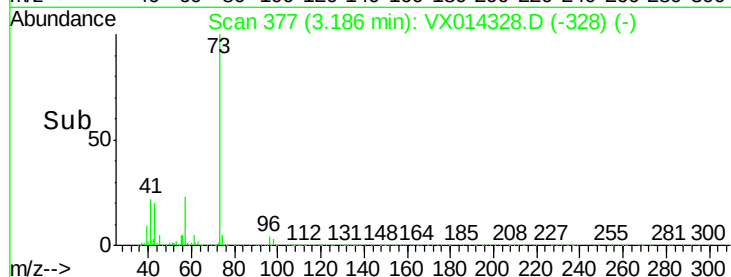
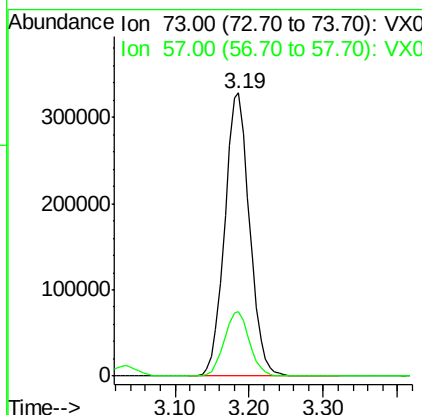
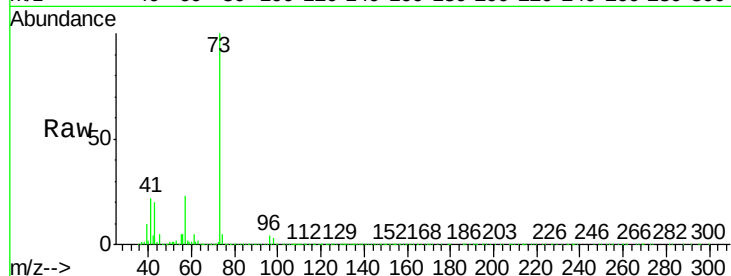




#19
Methyl tert-butyl Ether
Concen: 50.504 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

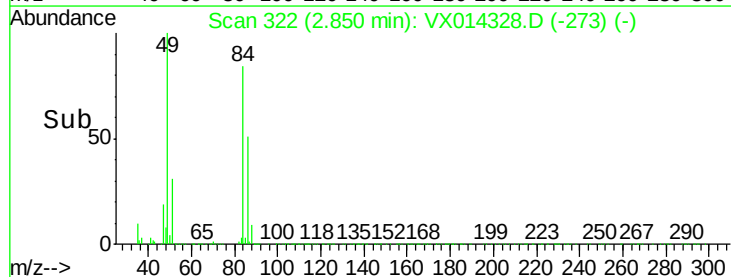
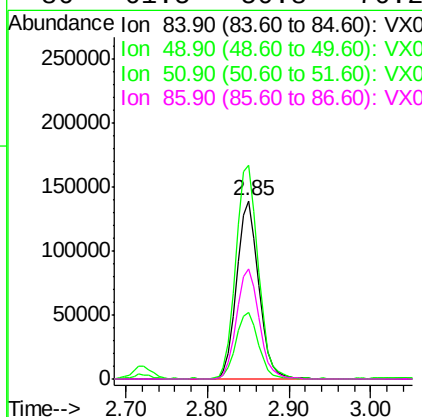
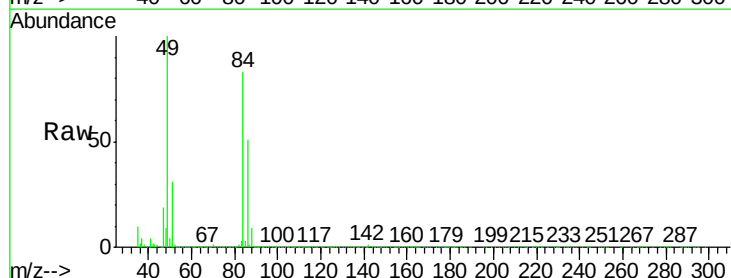
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

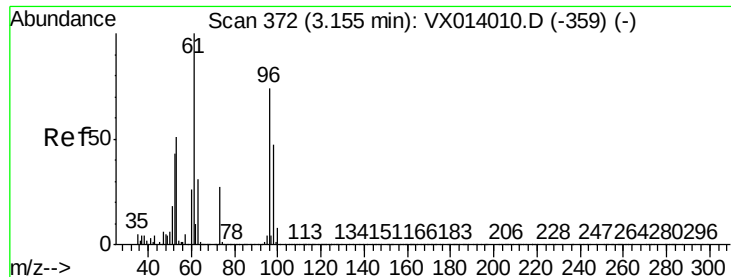
Tgt Ion: 73 Resp: 763975
Ion Ratio Lower Upper
73 100
57 22.6 18.8 28.2



#20
Methylene Chloride
Concen: 46.507 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 84 Resp: 257879
Ion Ratio Lower Upper
84 100
49 119.8 95.8 143.6
51 37.1 29.8 44.8
86 61.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.198 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

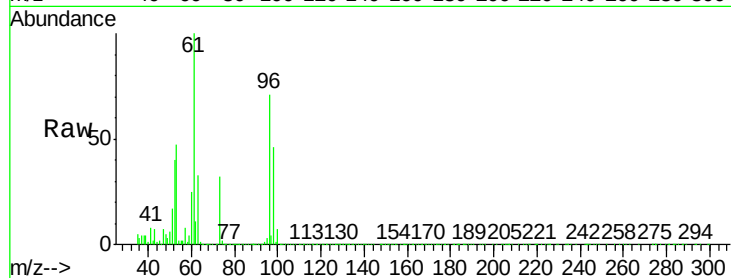
Tgt Ion: 96 Resp: 234292

Ion Ratio Lower Upper

96 100

61 140.0 108.3 162.5

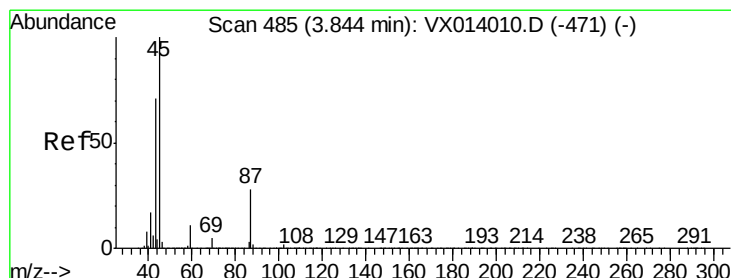
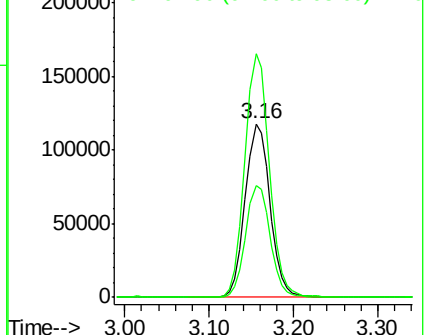
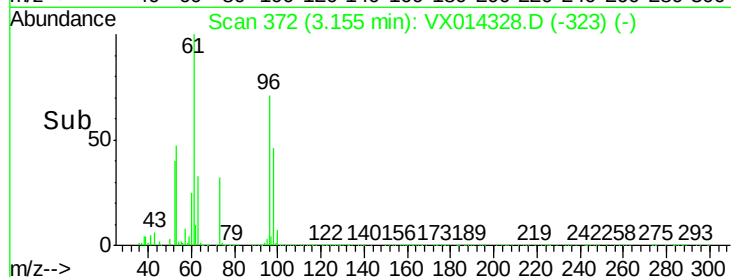
98 64.3 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.330 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Tgt Ion: 45 Resp: 840731

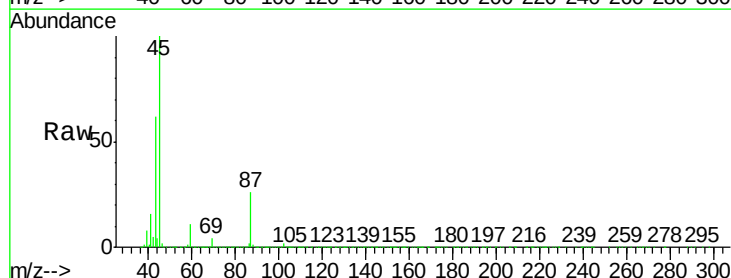
Ion Ratio Lower Upper

45 100

43 61.1 57.4 86.0

87 26.3 21.9 32.9

59 11.2 9.0 13.6

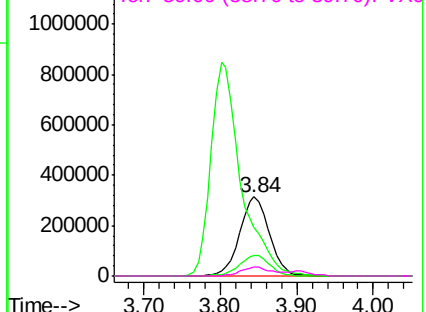
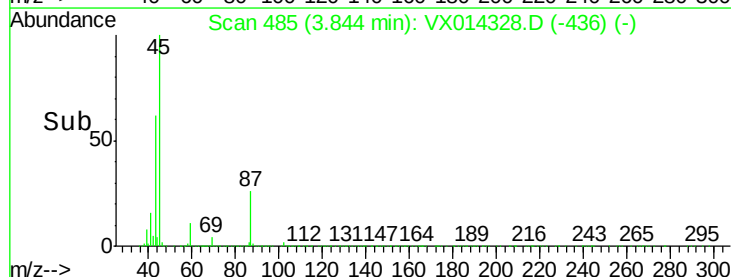


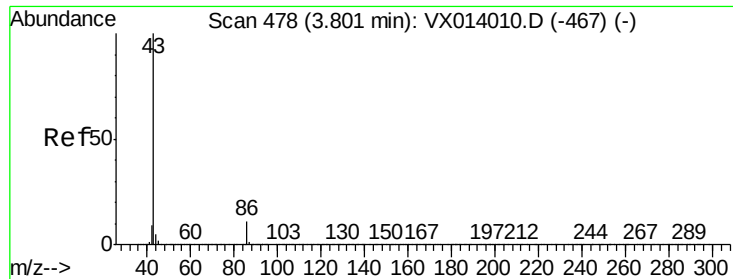
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 174.840 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

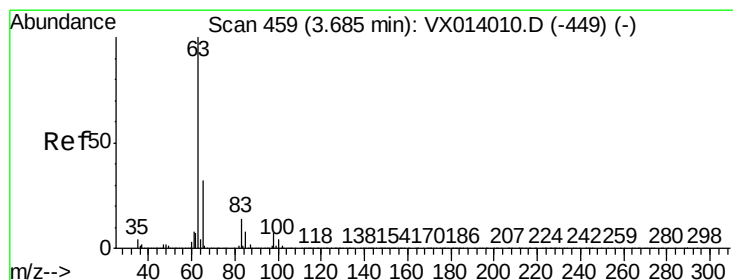
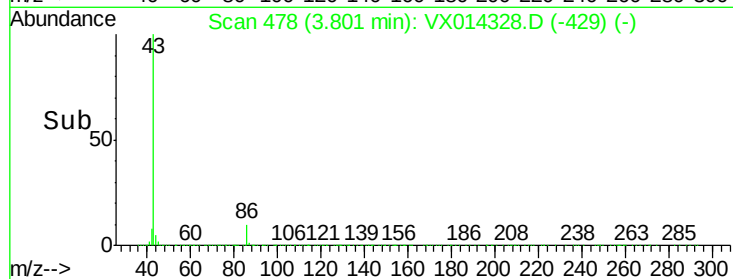
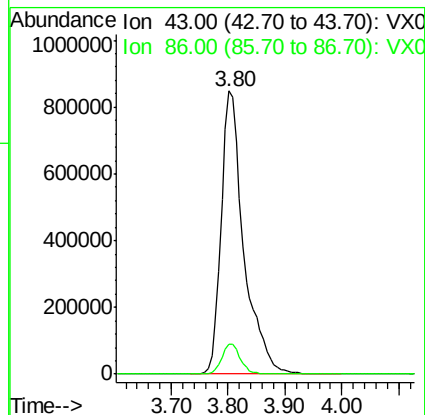
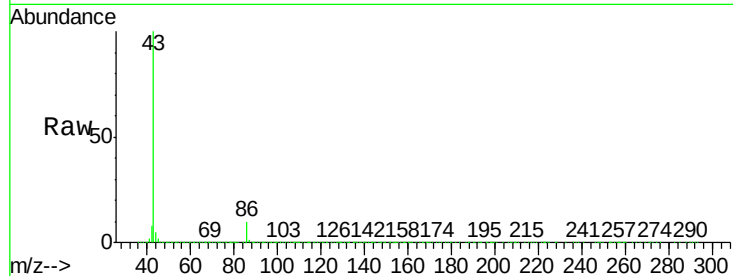
VSTDCCC050EC

Tgt Ion: 43 Resp: 2336934

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



#24

1,1-Dichloroethane

Concen: 49.392 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

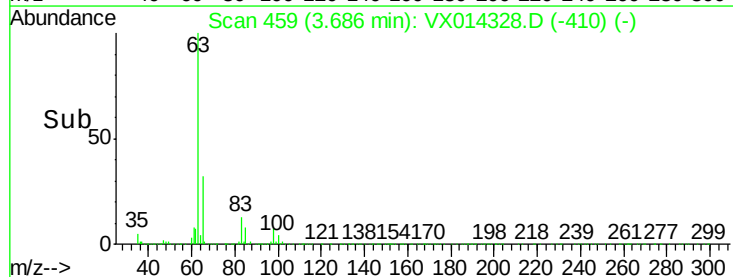
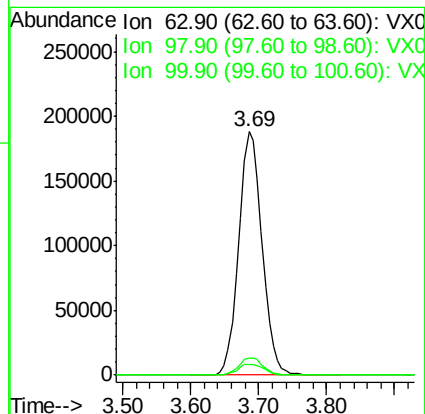
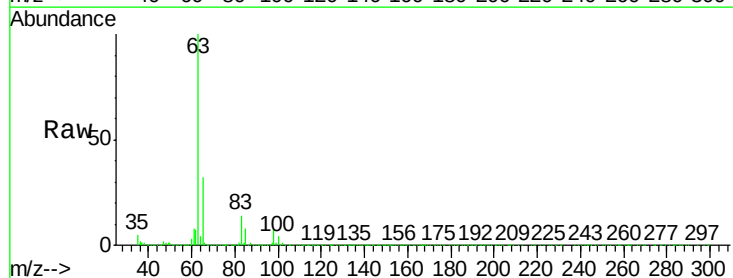
Tgt Ion: 63 Resp: 450086

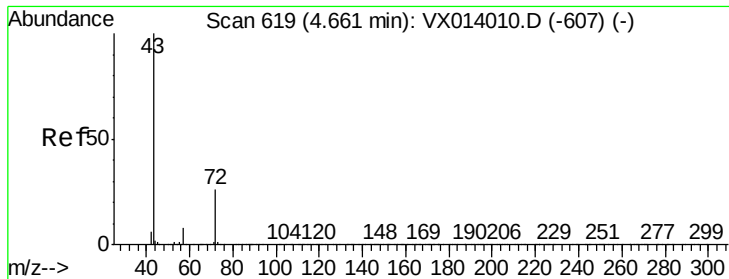
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 229.451 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

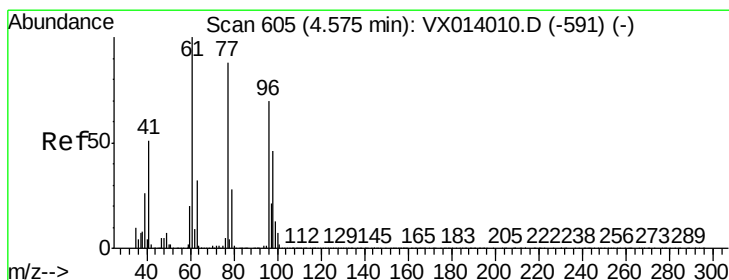
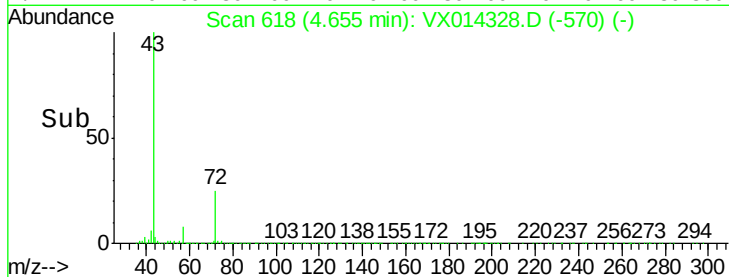
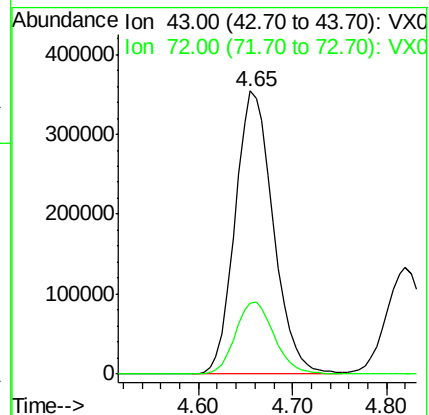
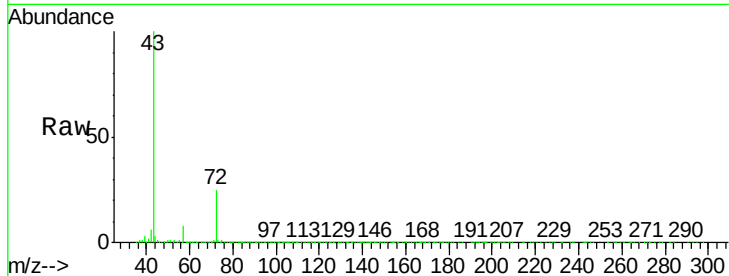
VSTDCCC050EC

Tgt Ion: 43 Resp: 996094

Ion Ratio Lower Upper

43 100

72 25.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 43.027 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014328.D

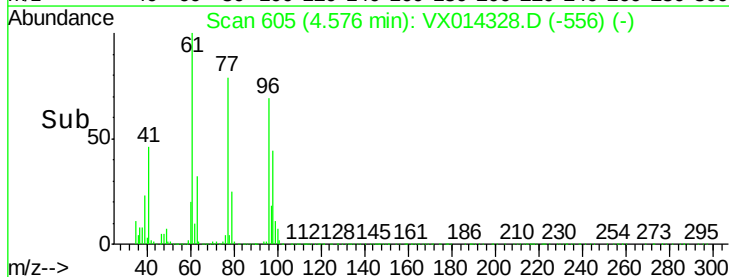
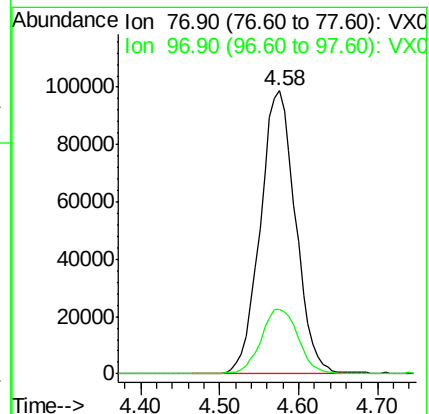
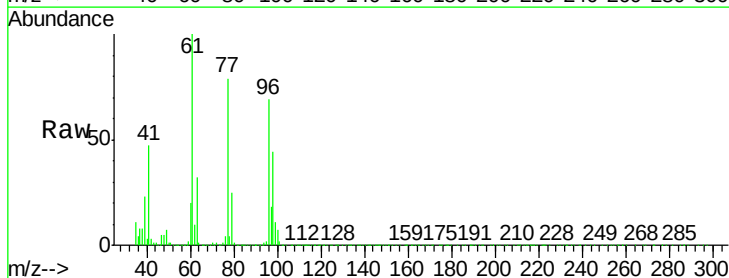
Acq: 27 Dec 2019 22:44

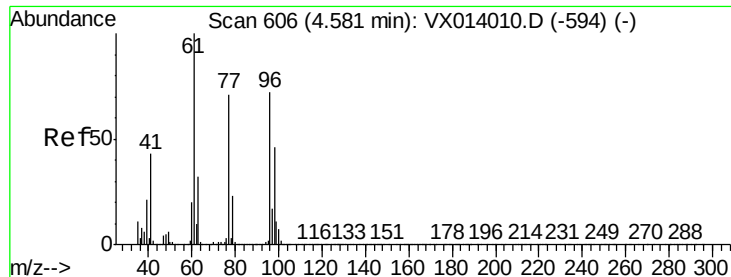
Tgt Ion: 77 Resp: 304420

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9



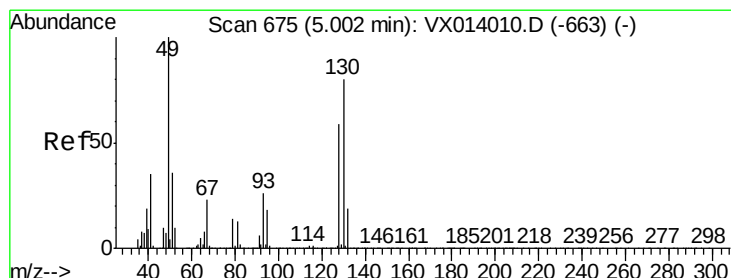
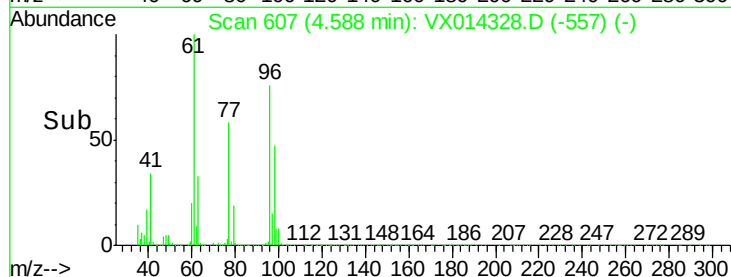
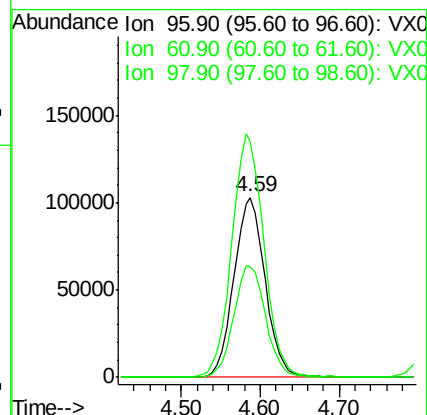
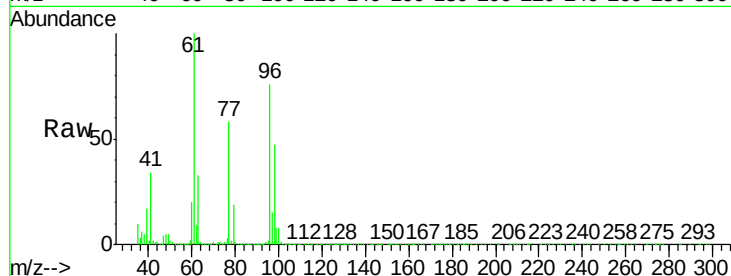


#27

cis-1,2-Dichloroethene
Concen: 49.408 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

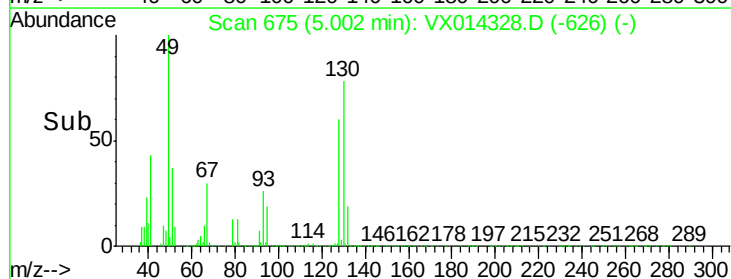
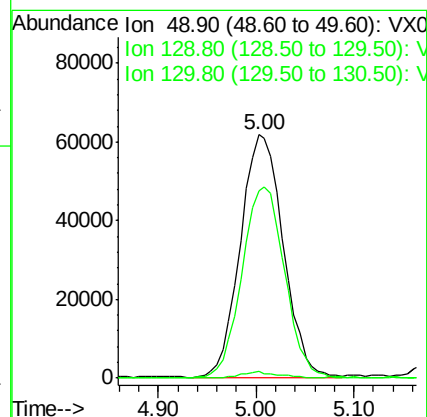
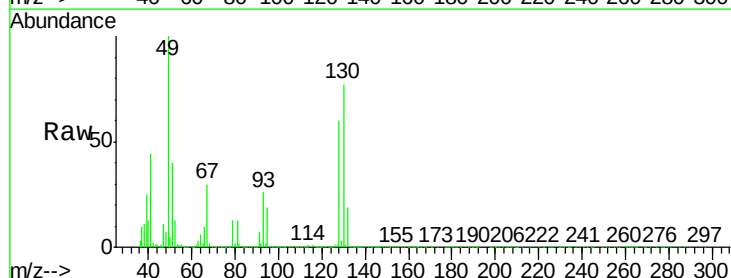
Tgt Ion: 96 Resp: 283384
Ion Ratio Lower Upper
96 100
61 138.3 0.0 288.4
98 63.4 0.0 129.6

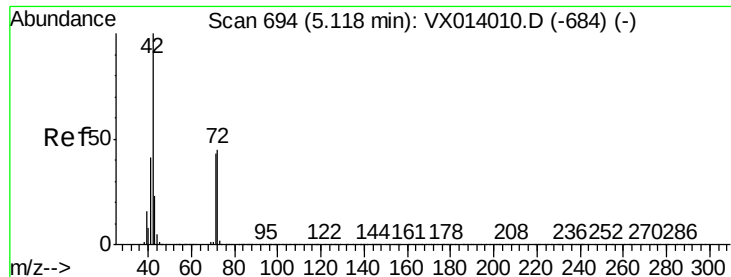


#28

Bromochloromethane
Concen: 53.442 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 49 Resp: 187402
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.0
130 78.5 64.6 97.0





#29

Tetrahydrofuran

Concen: 267.933 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

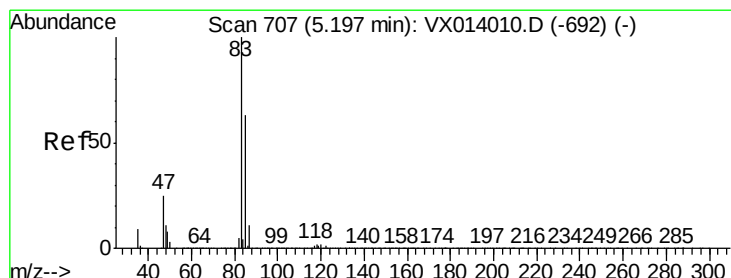
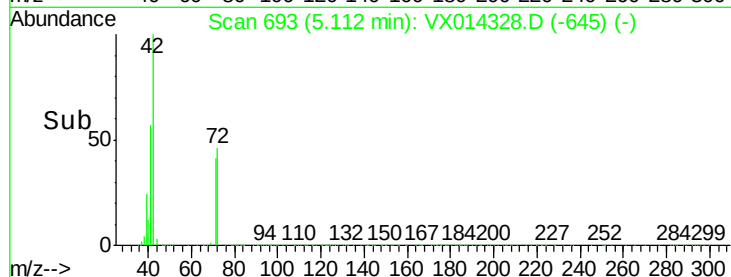
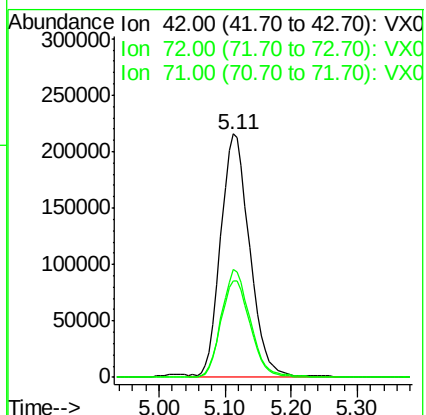
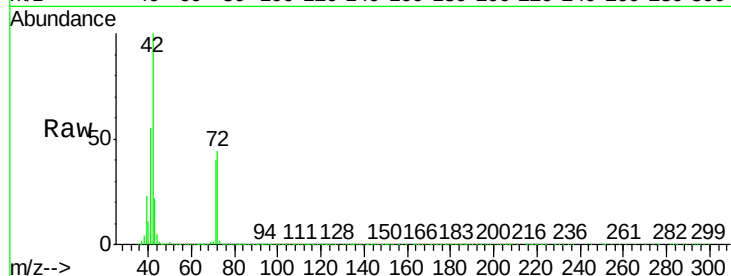
Tgt Ion: 42 Resp: 650582

Ion Ratio Lower Upper

42 100

72 44.2 35.8 53.8

71 40.4 33.6 50.4



#30

Chloroform

Concen: 49.908 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014328.D

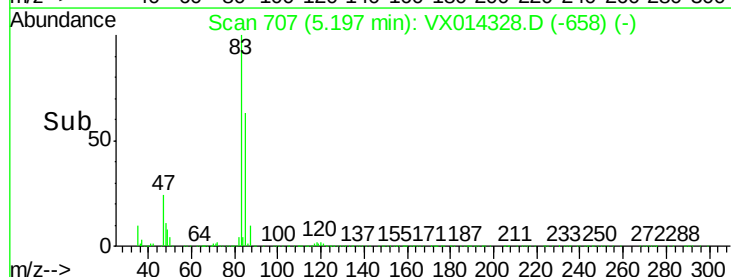
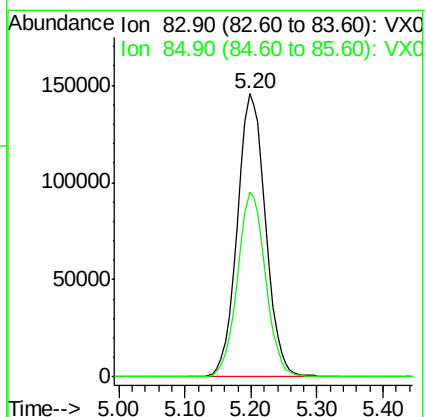
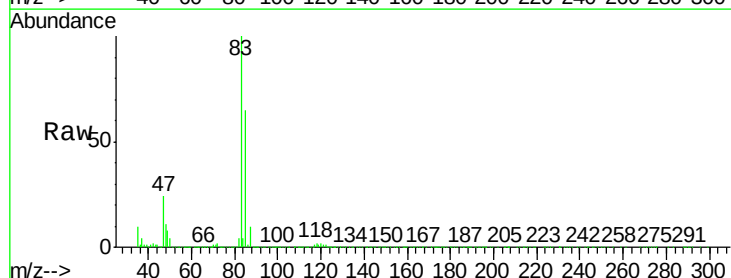
Acq: 27 Dec 2019 22:44

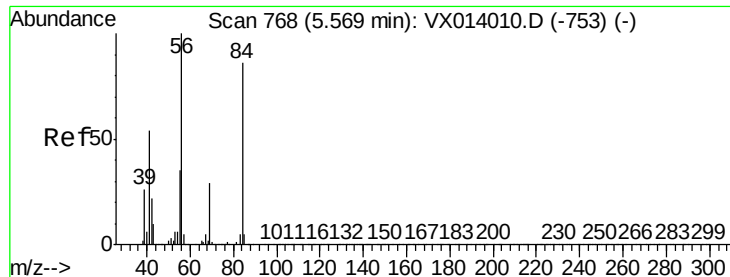
Tgt Ion: 83 Resp: 431127

Ion Ratio Lower Upper

83 100

85 65.0 50.8 76.2

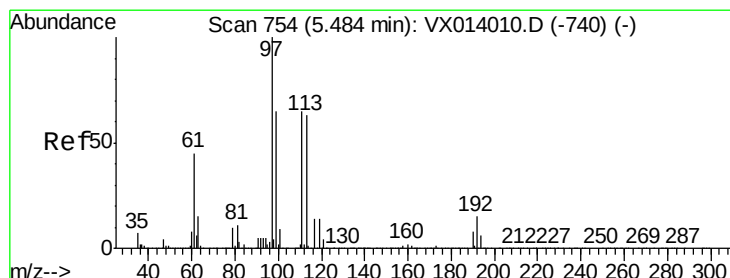
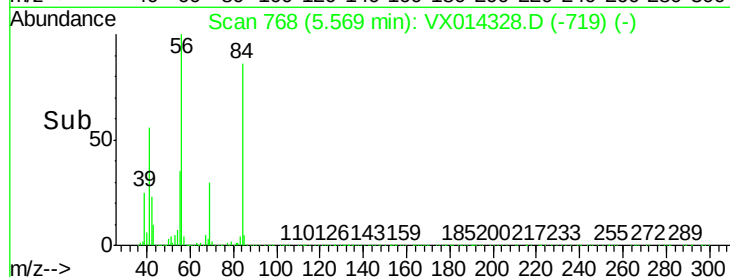
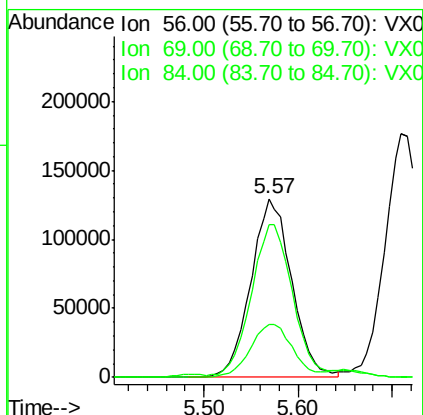
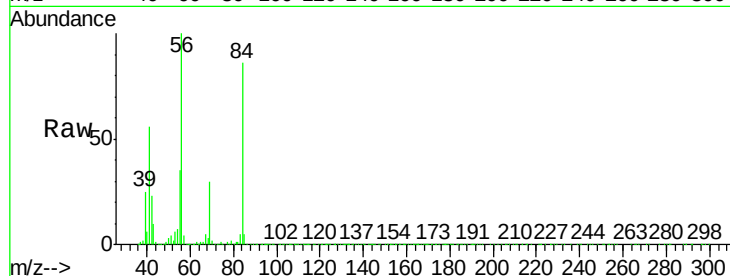




#31
Cyclohexane
Concen: 48.399 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

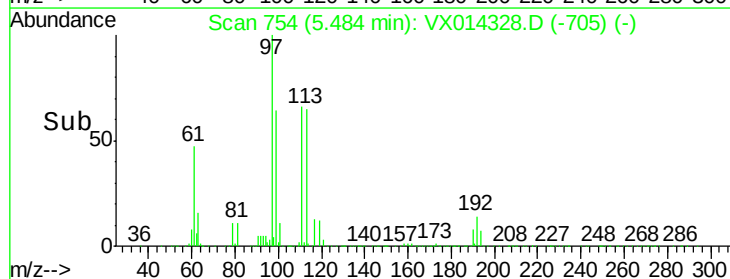
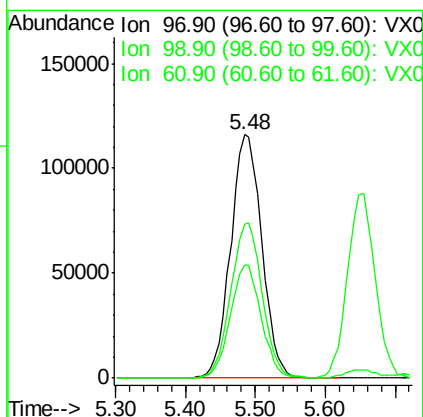
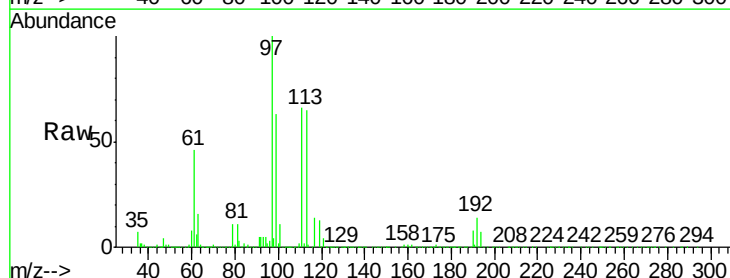
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

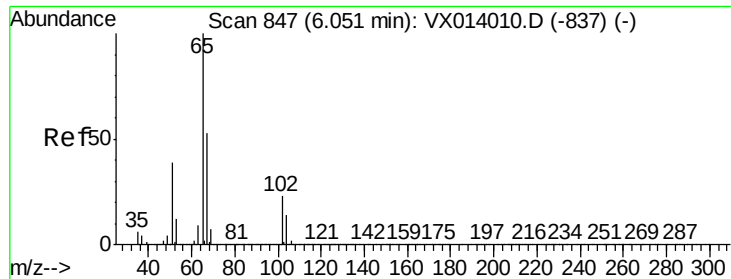
Tgt Ion: 56 Resp: 392258
Ion Ratio Lower Upper
56 100
69 29.8 23.2 34.8
84 84.2 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 48.692 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 97 Resp: 358486
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 45.7 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 49.464 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

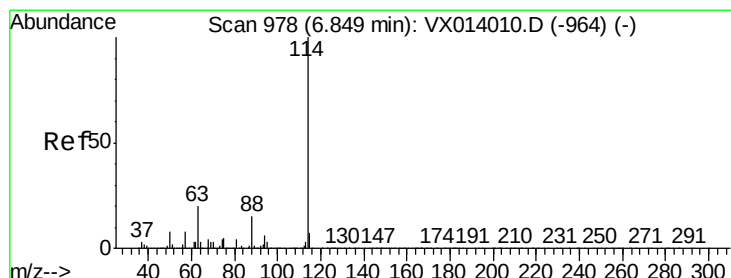
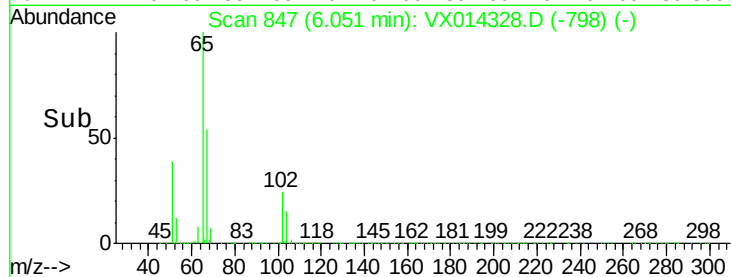
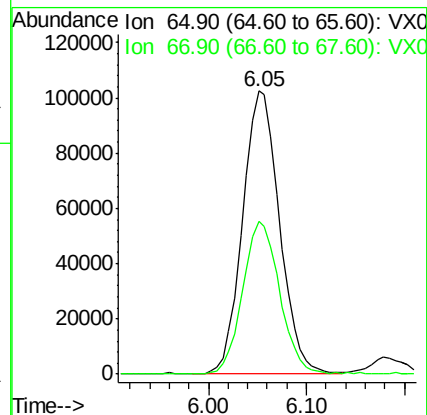
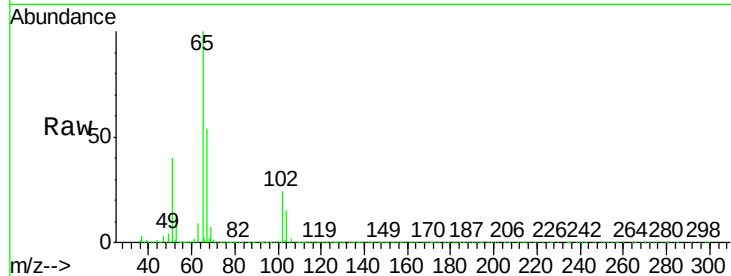
VSTDCCC050EC

Tgt Ion: 65 Resp: 268282

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

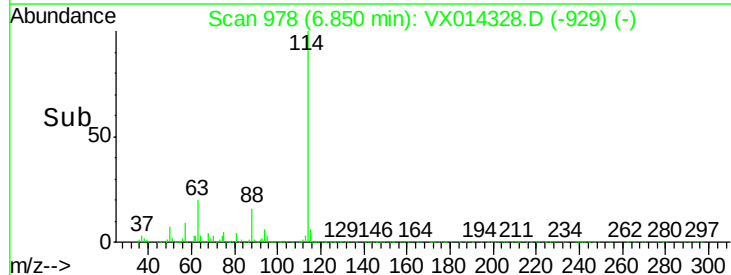
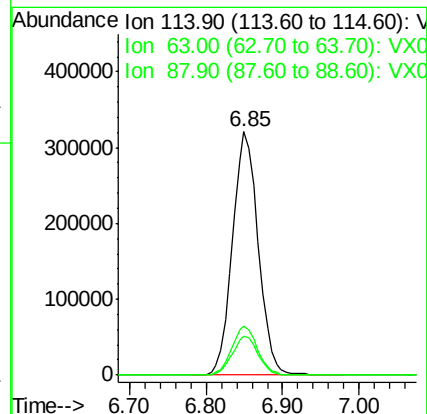
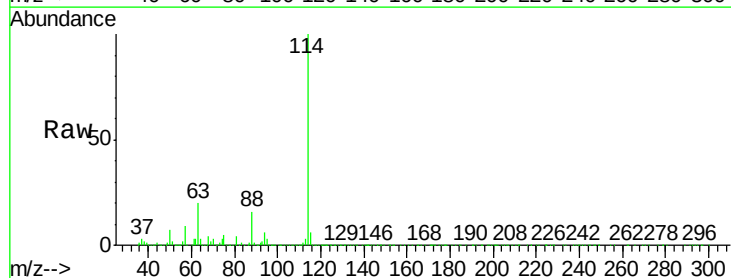
Tgt Ion: 114 Resp: 747310

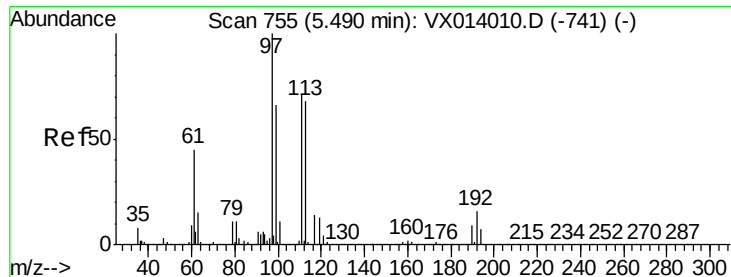
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.868 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

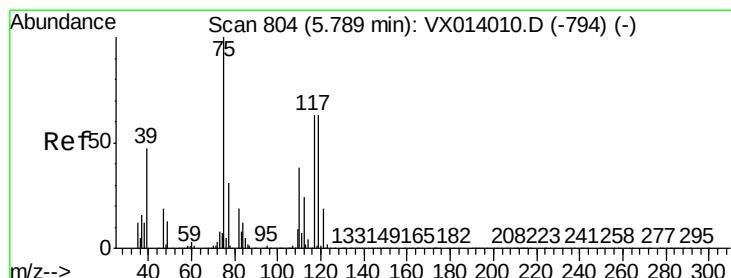
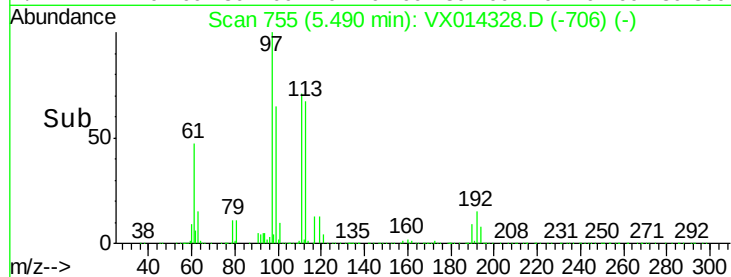
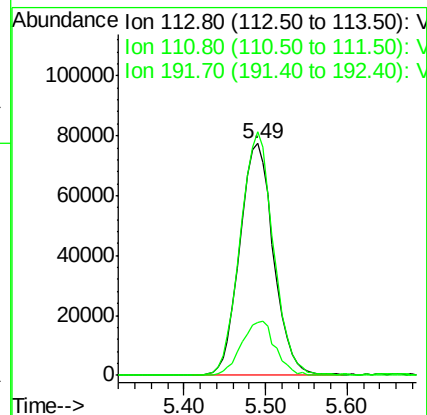
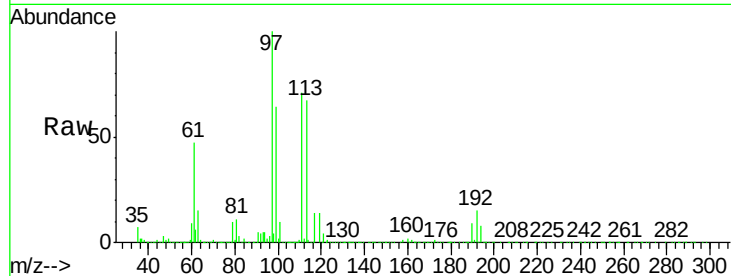
Tgt Ion: 113 Resp: 221999

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

192 24.0 19.3 28.9



#36

1,1-Dichloropropene

Concen: 46.751 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

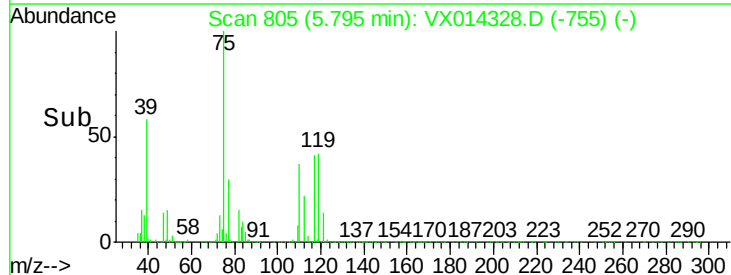
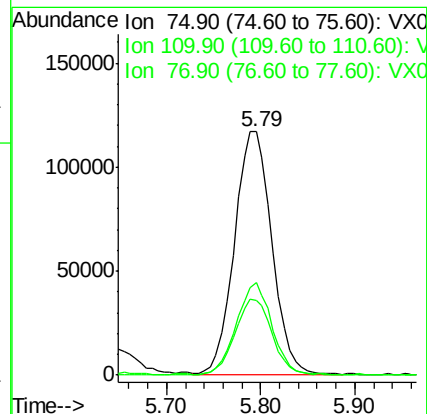
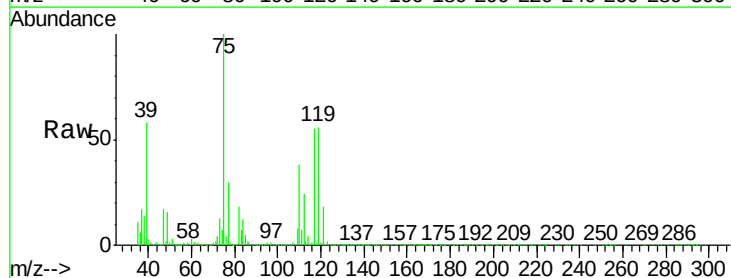
Tgt Ion: 75 Resp: 320570

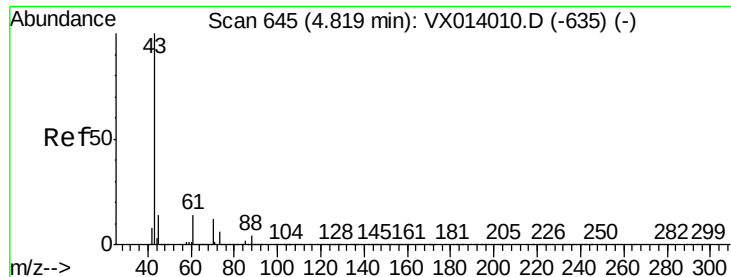
Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.9

77 30.9 24.8 37.2

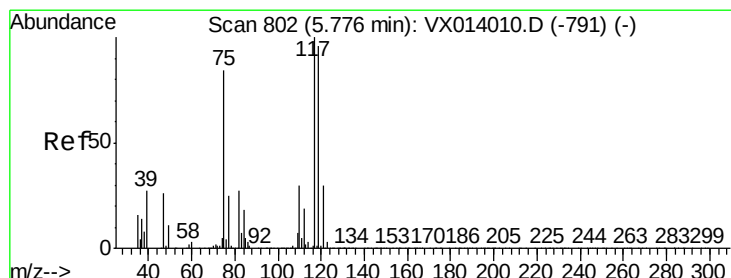
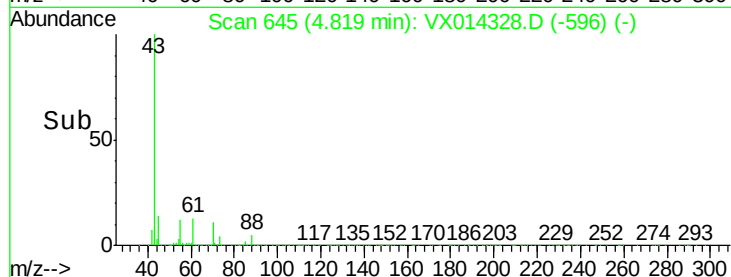
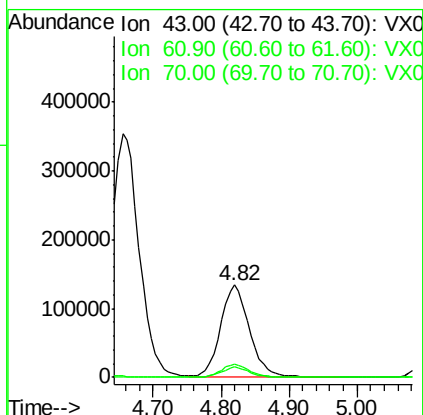
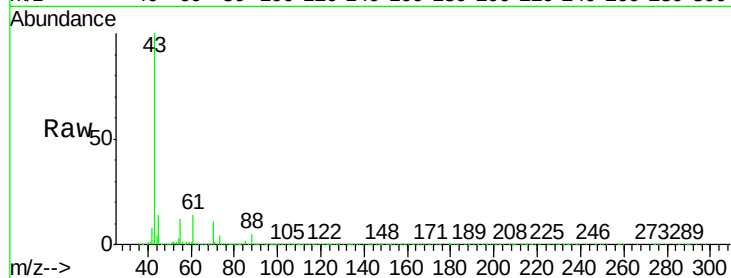




#37
Ethyl Acetate
Concen: 51.669 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

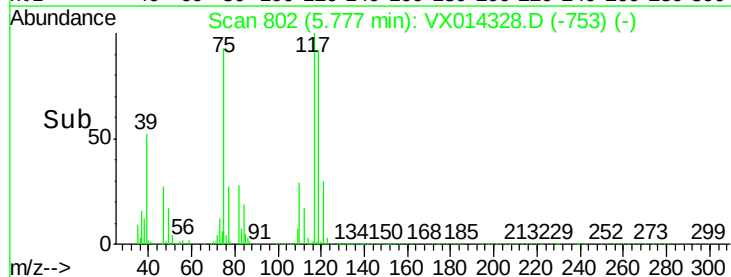
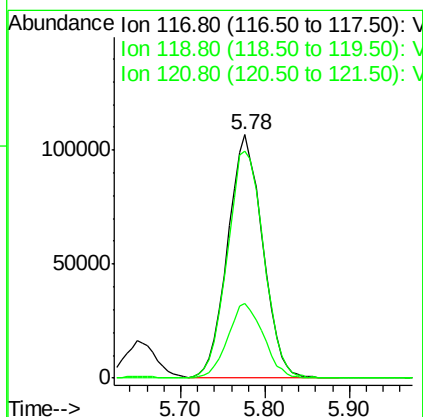
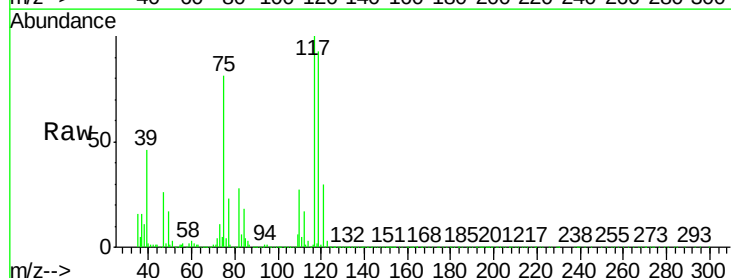
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

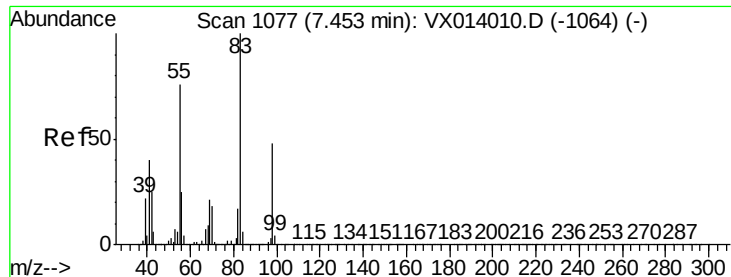
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	10.3	8.6	12.8



#38
Carbon Tetrachloride
Concen: 47.919 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.2	114.4
121	30.3	23.6	35.4

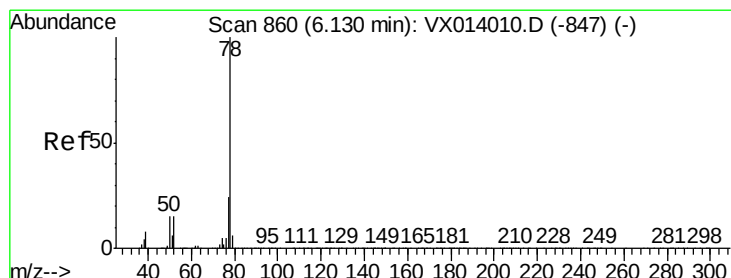
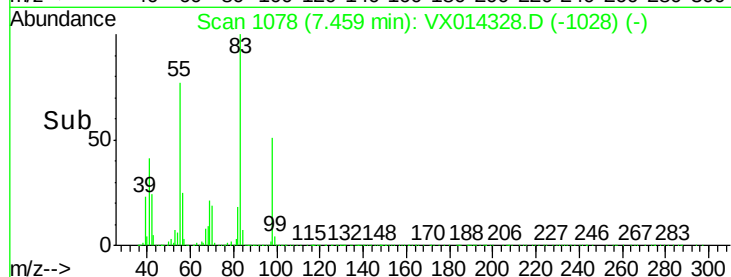
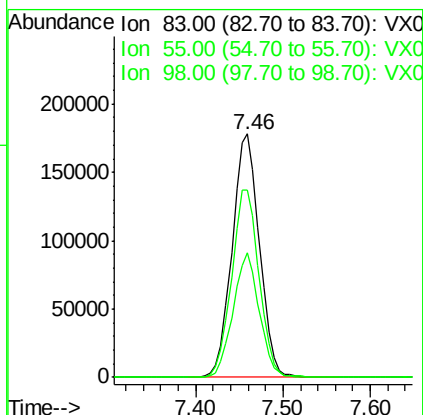
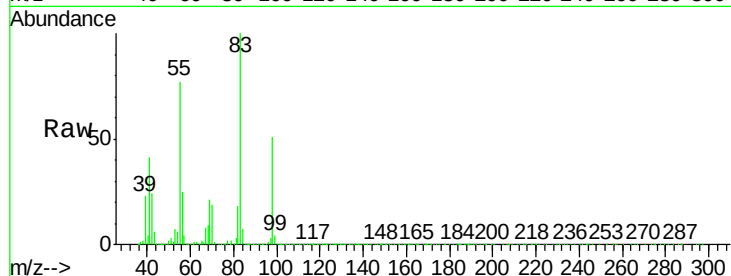




#39
Methylcyclohexane
Concen: 45.463 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

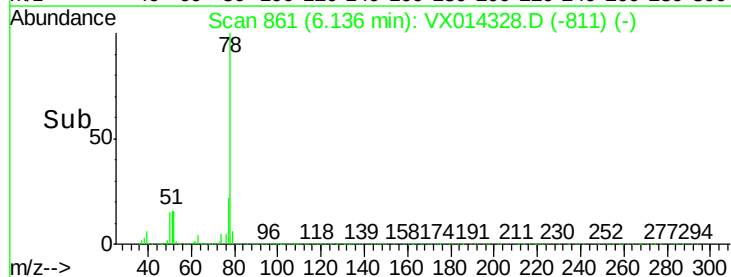
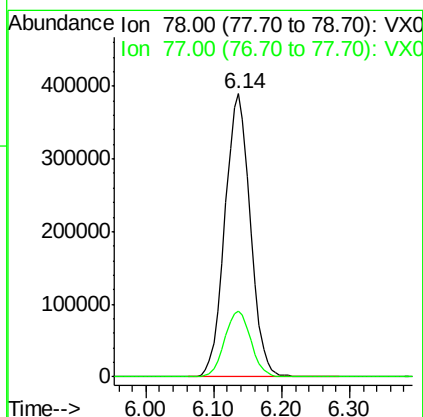
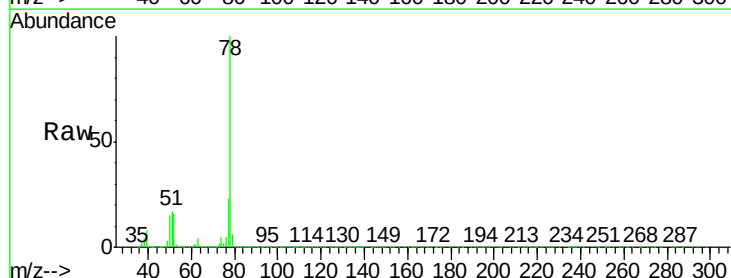
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

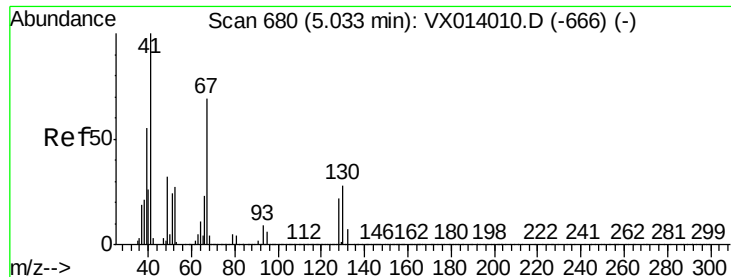
Tgt Ion: 83 Resp: 384923
Ion Ratio Lower Upper
83 100
55 76.8 61.0 91.6
98 51.2 38.6 57.8



#40
Benzene
Concen: 47.708 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 78 Resp: 1006544
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2

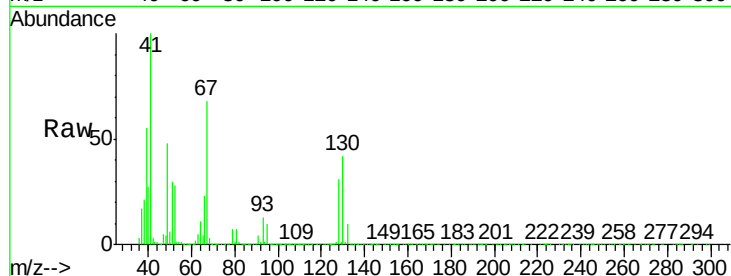




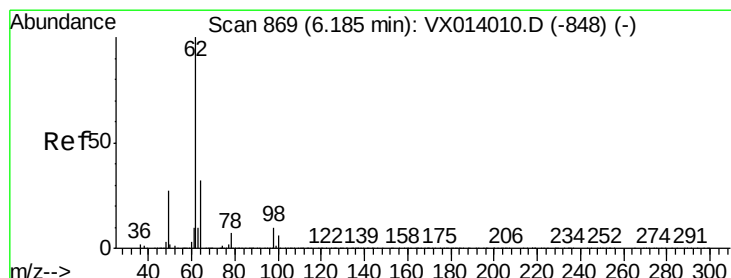
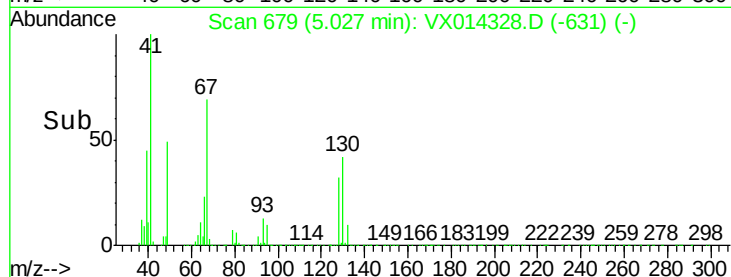
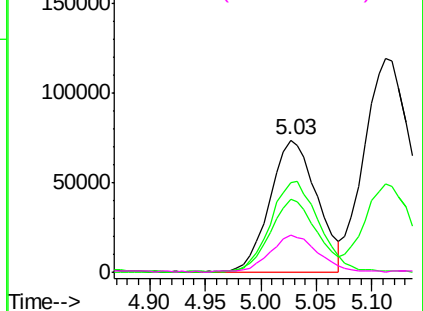
#41
Methacrylonitrile
Concen: 51.482 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	216296
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.5	66.7
67	72.0	57.4	86.0
52	28.0	23.0	34.4

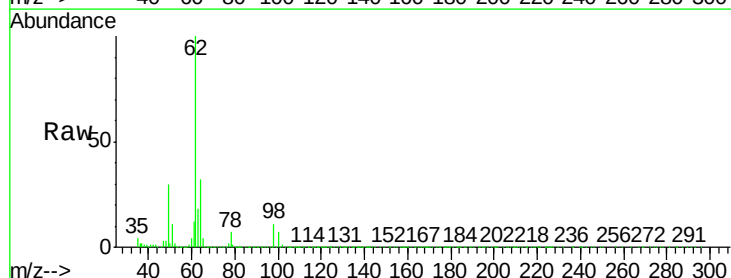


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

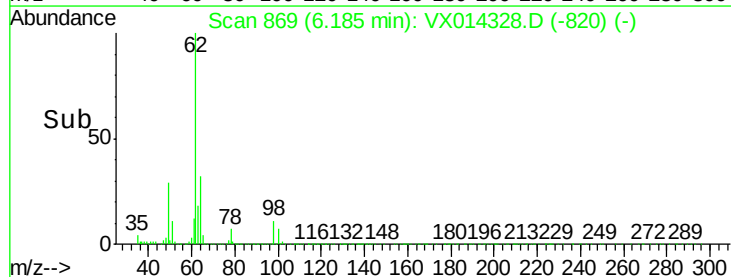
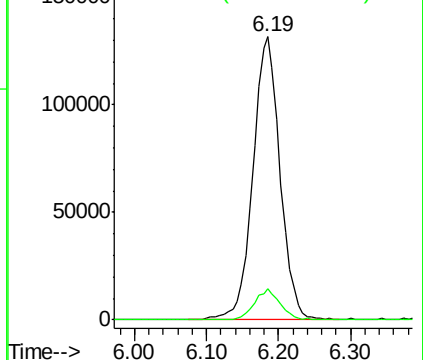


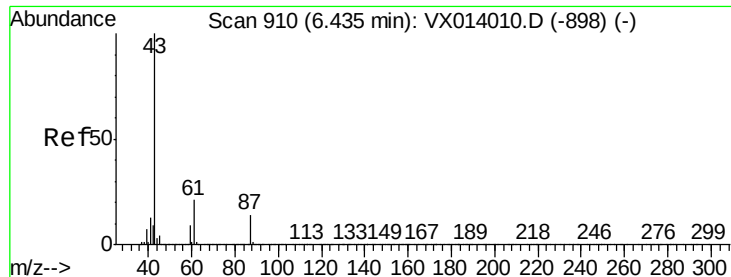
#42
1,2-Dichloroethane
Concen: 48.121 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion:	62	Resp:	344148
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.920 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

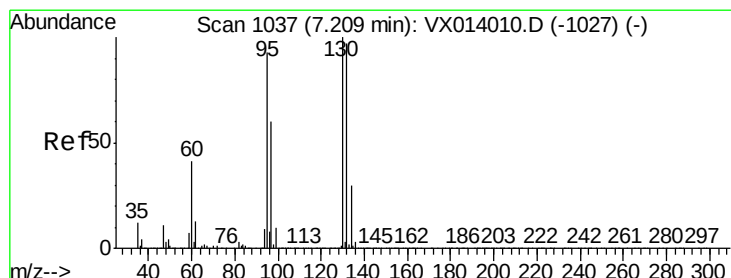
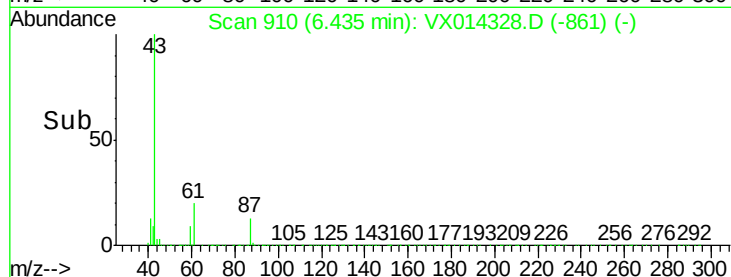
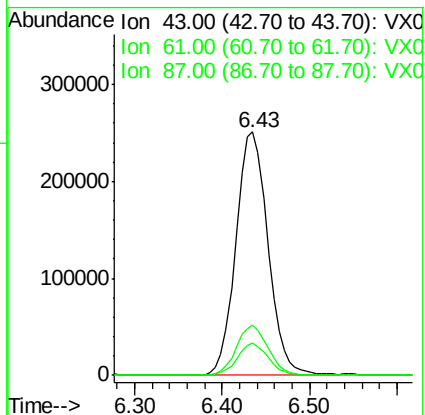
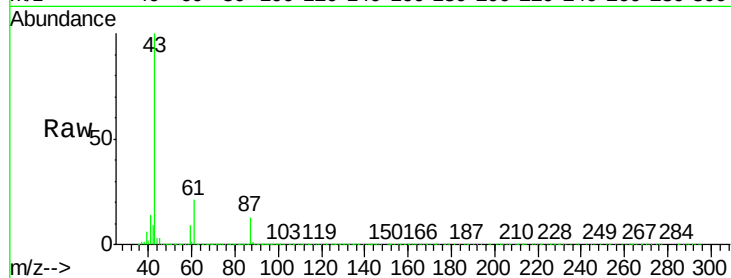
Tgt Ion: 43 Resp: 638098

Ion Ratio Lower Upper

43 100

61 20.5 16.4 24.6

87 12.9 10.7 16.1



#44

Trichloroethene

Concen: 48.650 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014328.D

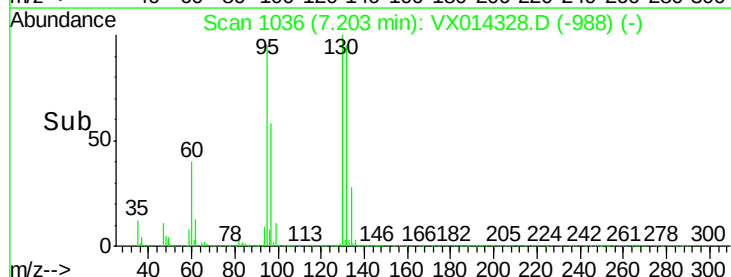
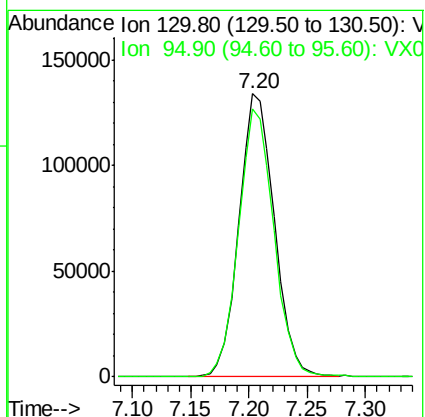
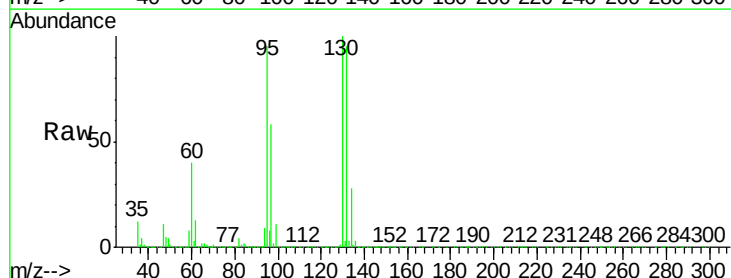
Acq: 27 Dec 2019 22:44

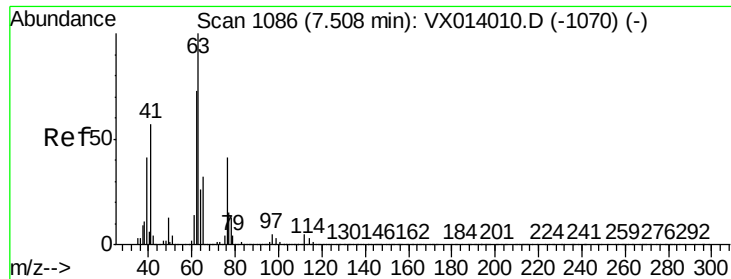
Tgt Ion: 130 Resp: 283507

Ion Ratio Lower Upper

130 100

95 94.8 0.0 185.6

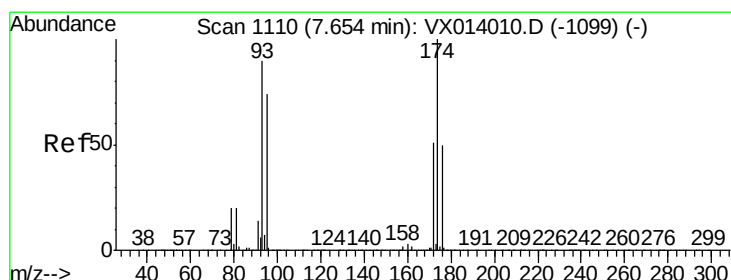
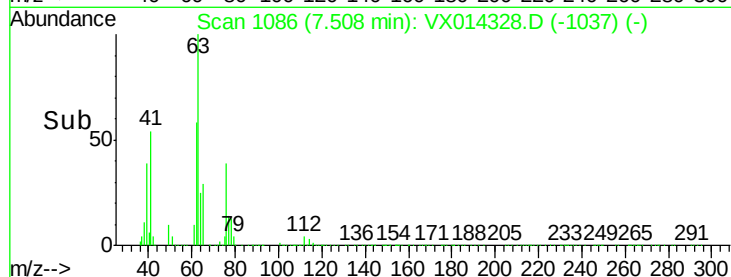
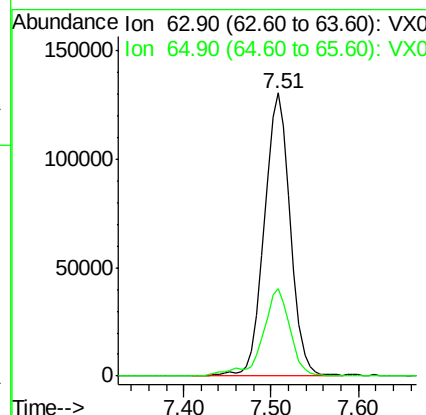
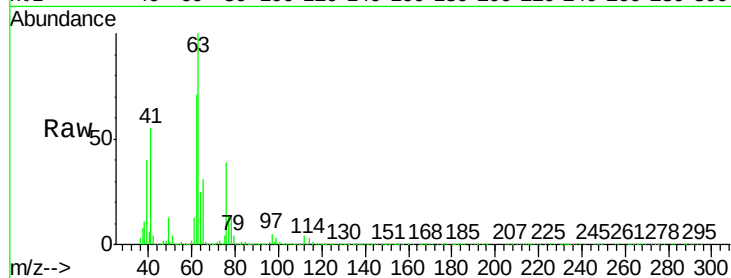




#45
 1,2-Dichloropropane
 Concen: 50.023 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

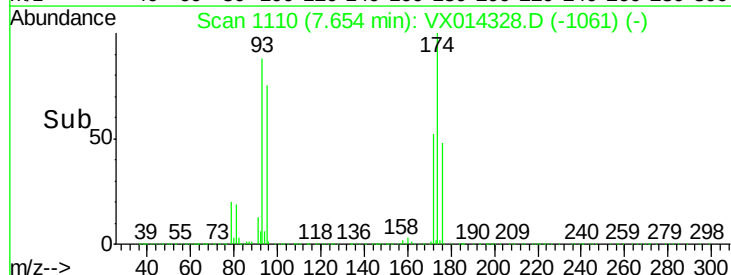
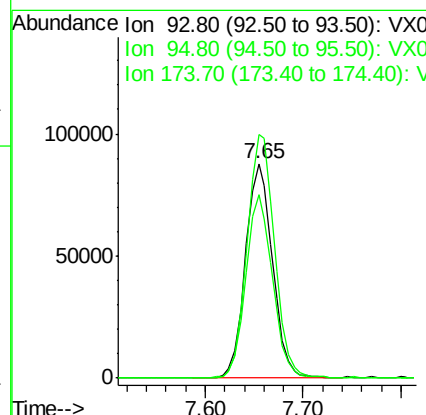
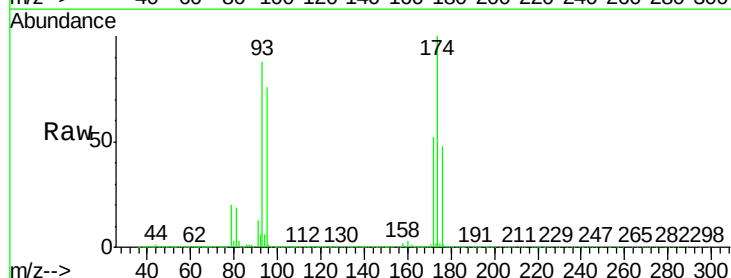
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

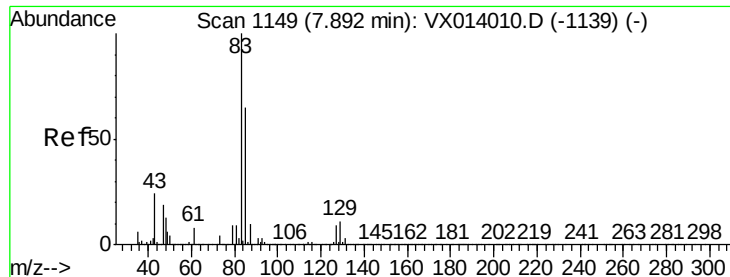
Tgt Ion: 63 Resp: 270507
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8



#46
 Dibromomethane
 Concen: 46.981 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion: 93 Resp: 167968
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.3 100.9
 174 115.2 91.6 137.4





#47

Bromodichloromethane

Concen: 50.107 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

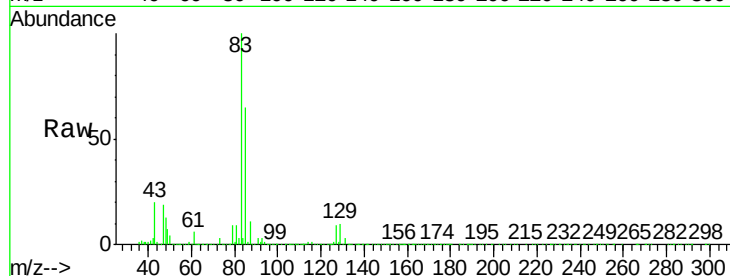
Tgt Ion: 83 Resp: 337395

Ion Ratio Lower Upper

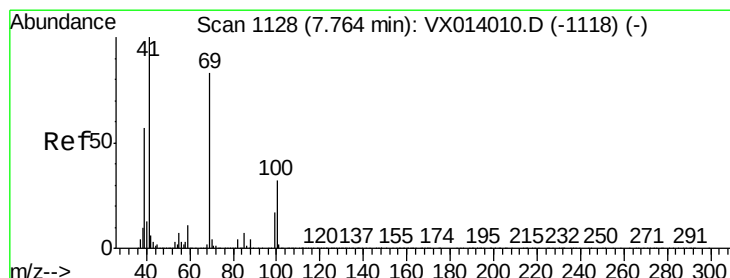
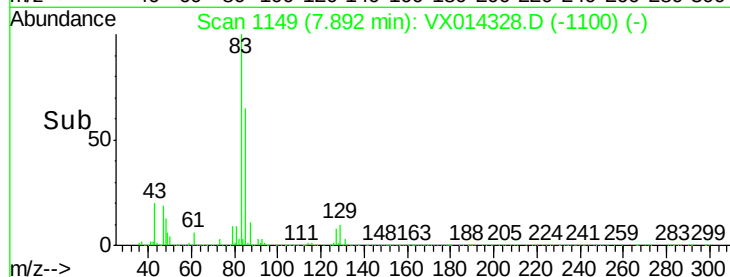
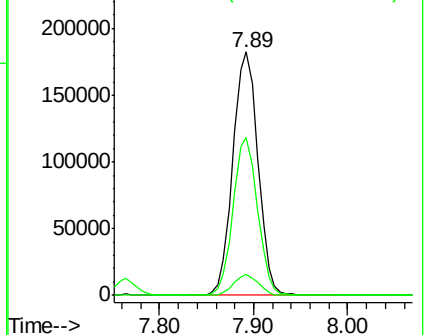
83 100

85 64.8 51.8 77.8

127 8.5 7.0 10.4



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: 50.828 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

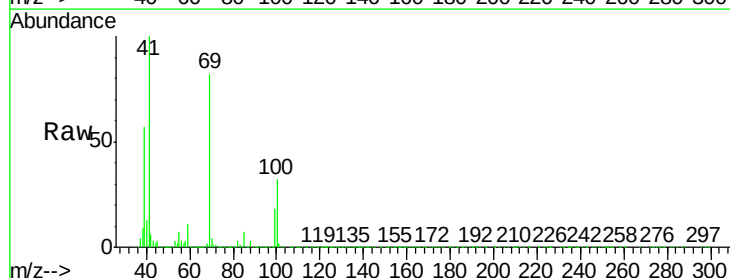
Tgt Ion: 41 Resp: 311897

Ion Ratio Lower Upper

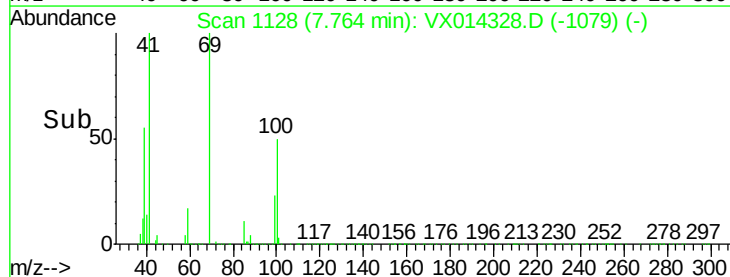
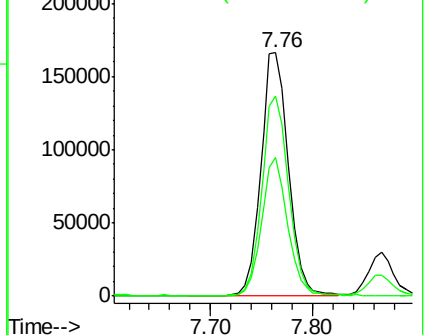
41 100

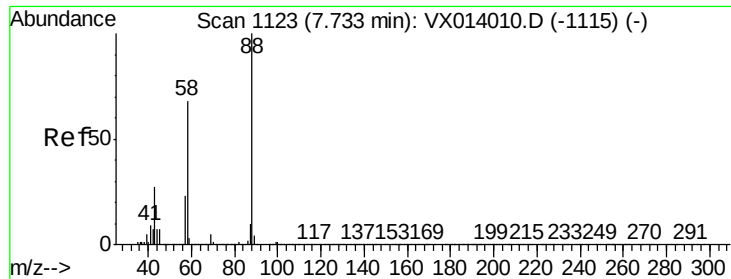
69 80.4 65.8 98.6

39 54.0 44.6 67.0



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: 907.110 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

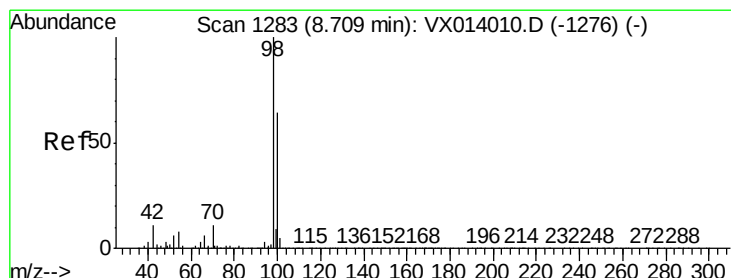
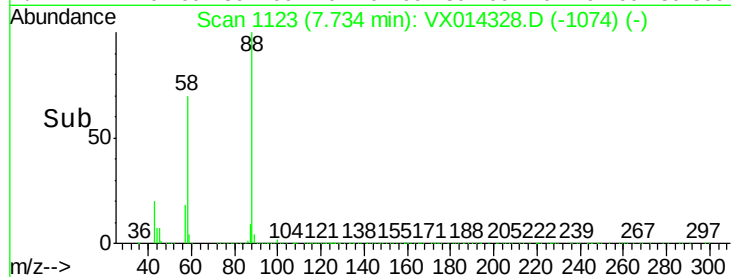
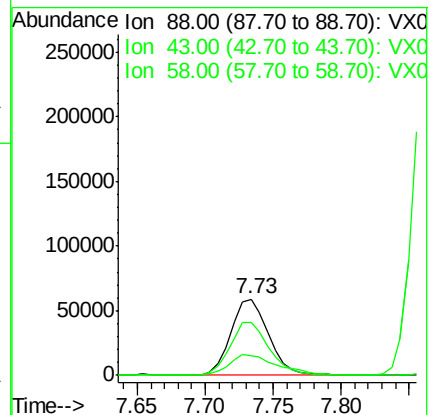
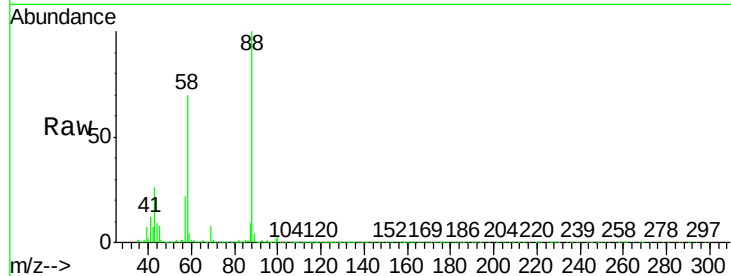
Tgt Ion: 88 Resp: 113275

Ion Ratio Lower Upper

88 100

43 33.5 26.5 39.7

58 72.3 56.8 85.2



#50

Toluene-d8

Concen: 48.627 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014328.D

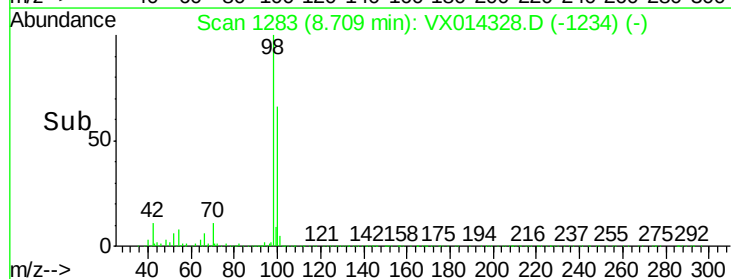
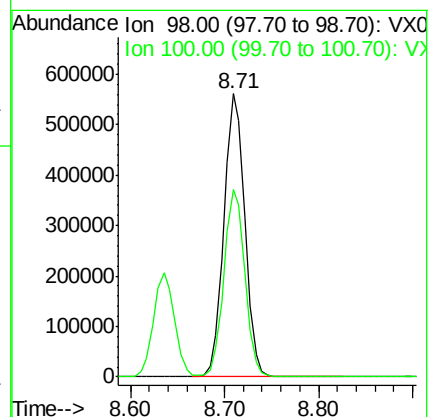
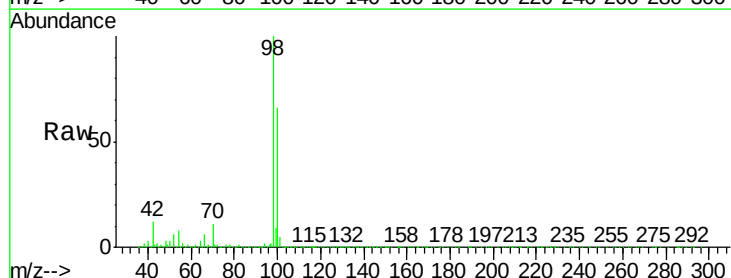
Acq: 27 Dec 2019 22:44

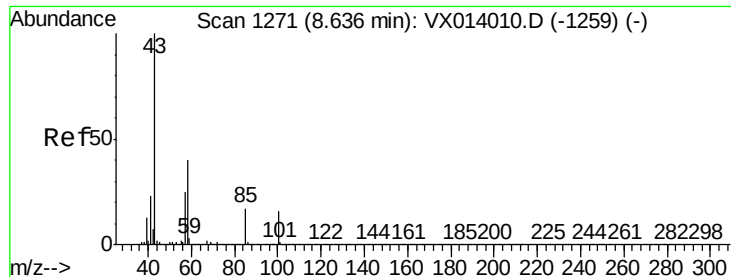
Tgt Ion: 98 Resp: 860025

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

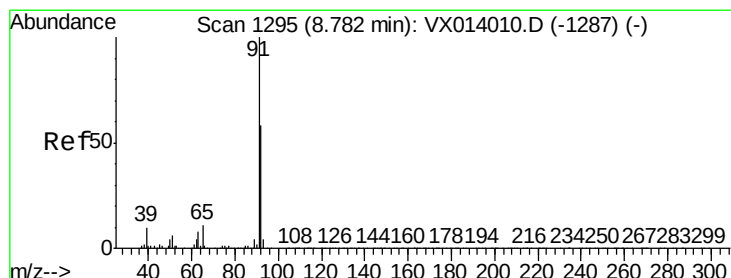
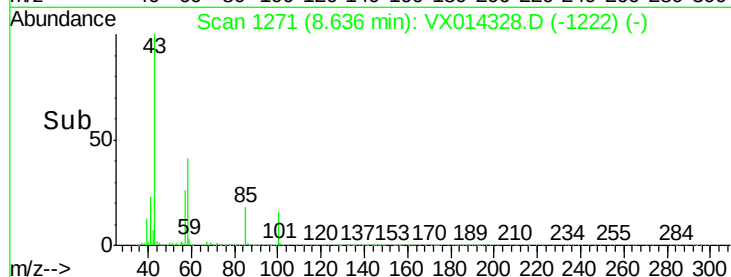
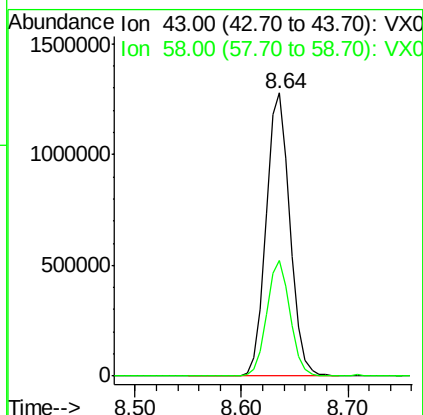
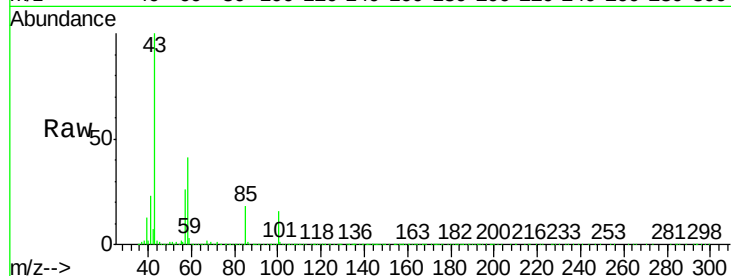




#51
 4-Methyl-2-Pentanone
 Concen: 254.186 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

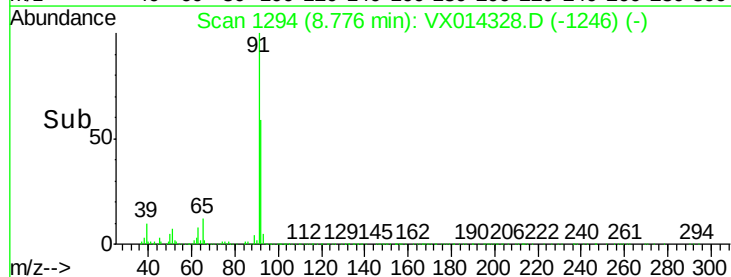
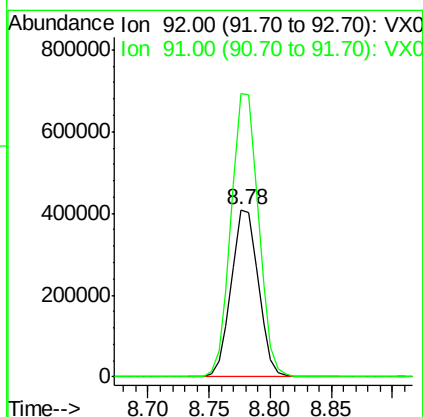
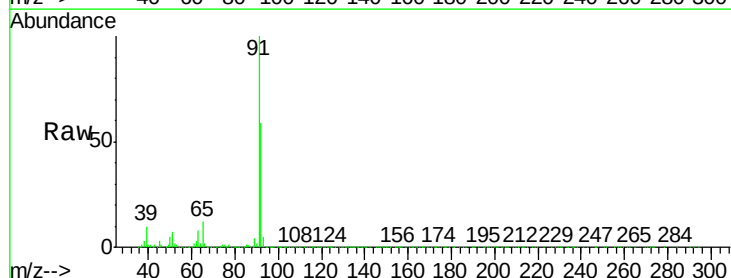
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

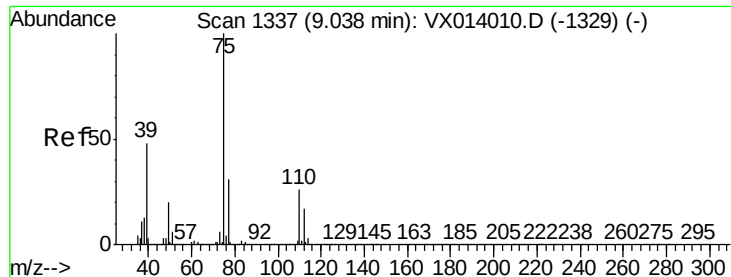
Tgt Ion: 43 Resp: 2000425
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.2 48.2



#52
 Toluene
 Concen: 46.902 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion: 92 Resp: 625466
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.2 204.4

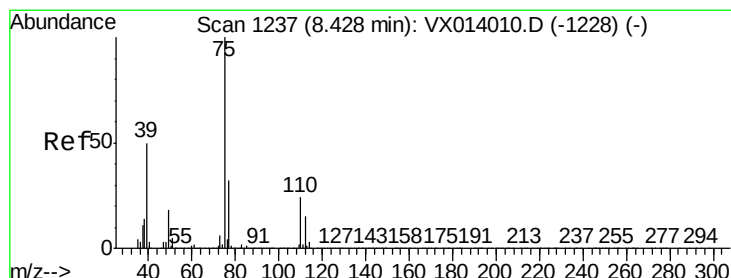
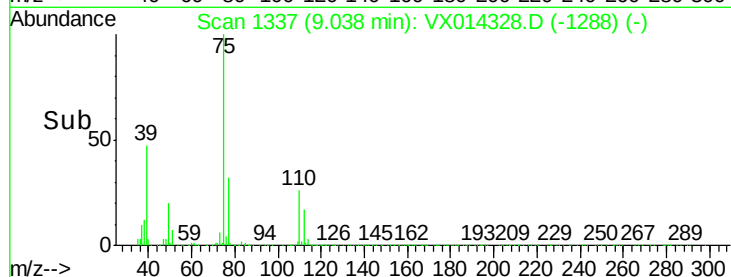
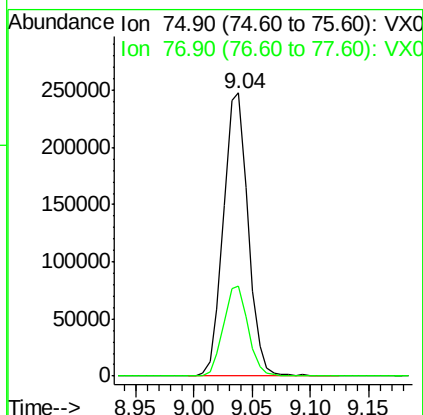
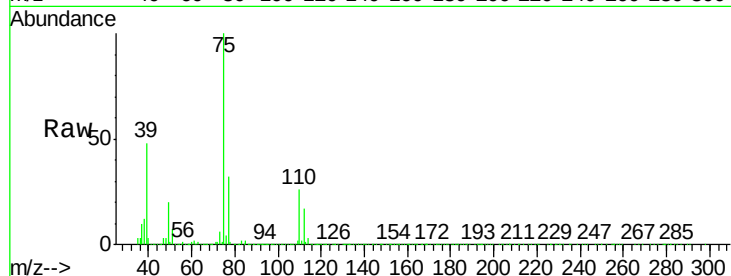




#53
t-1,3-Dichloropropene
Concen: 49.194 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

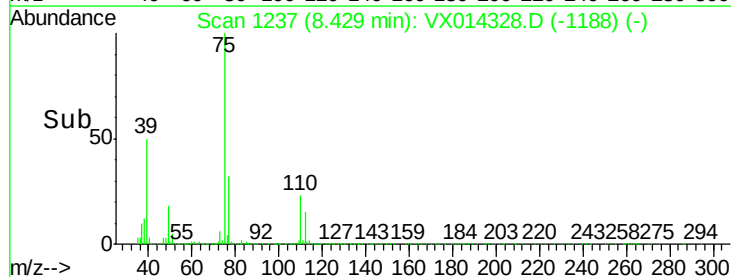
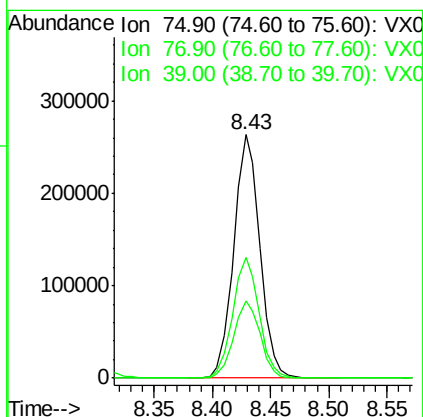
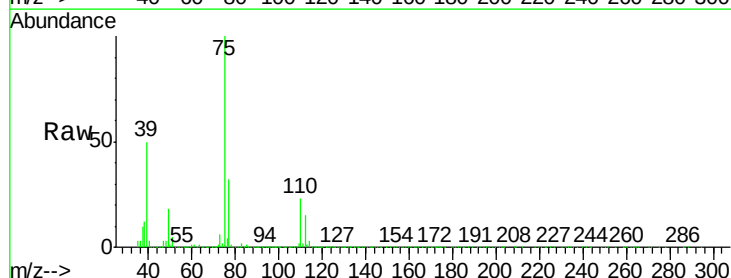
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

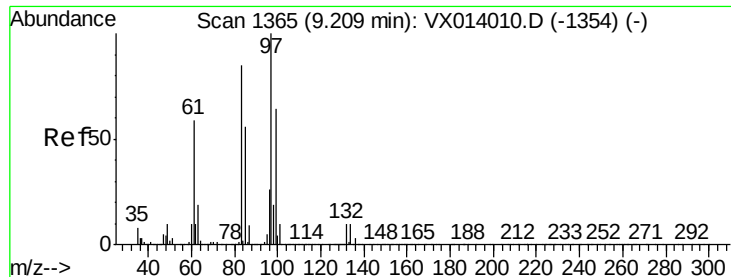
Tgt Ion: 75 Resp: 363215
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.088 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 75 Resp: 412002
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 49.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 49.151 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 262700

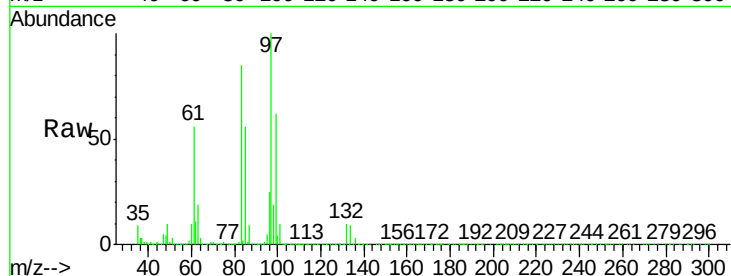
Ion Ratio Lower Upper

97 100

83 84.7 68.2 102.4

85 56.2 44.6 66.8

99 61.7 51.4 77.0

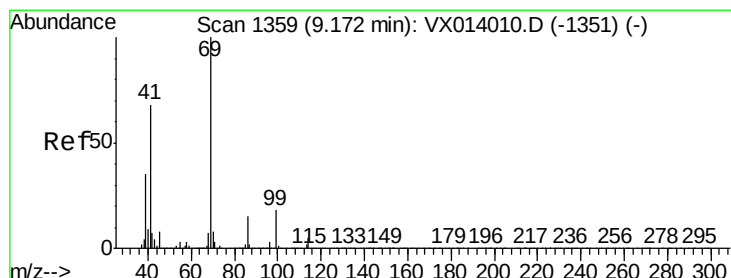
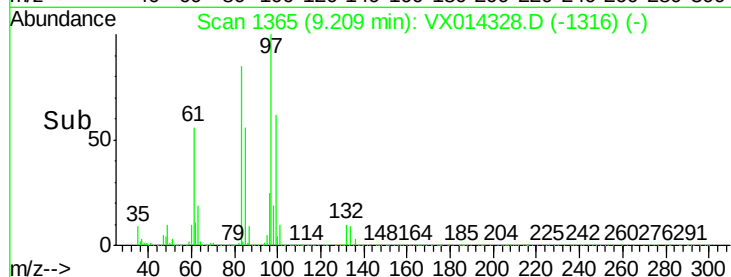
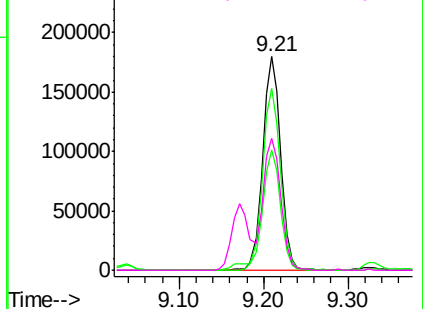


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.043 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

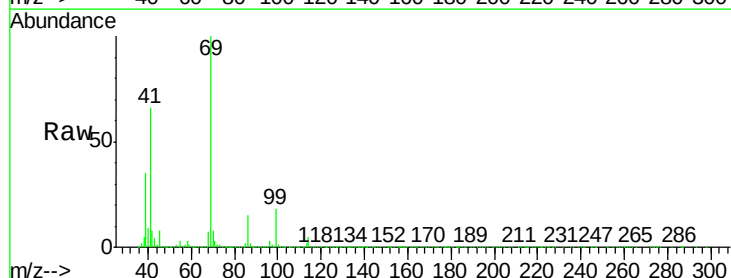
Tgt Ion: 69 Resp: 420144

Ion Ratio Lower Upper

69 100

41 68.2 54.8 82.2

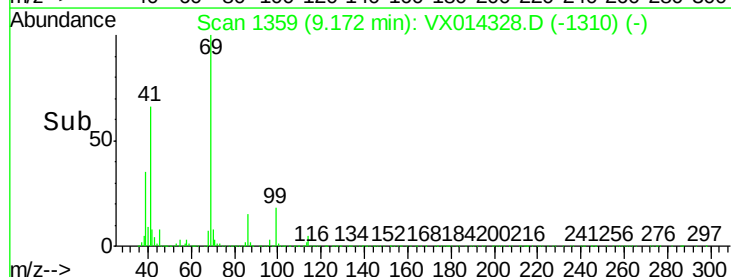
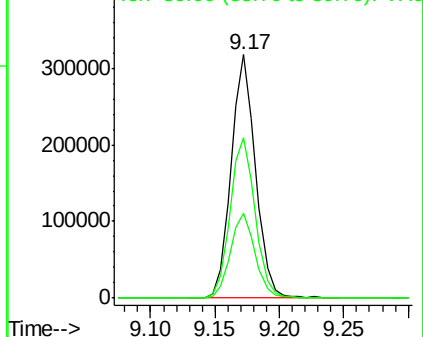
39 35.3 28.3 42.5

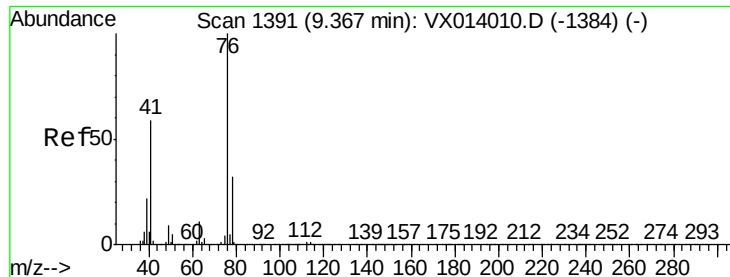


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

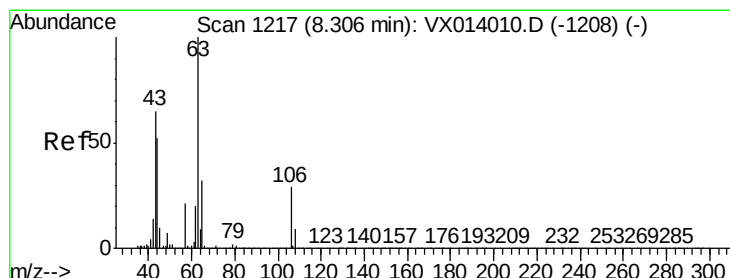
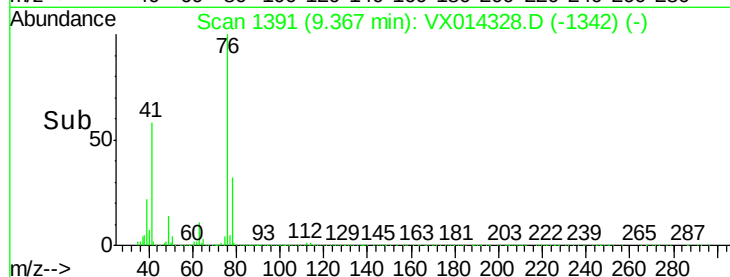
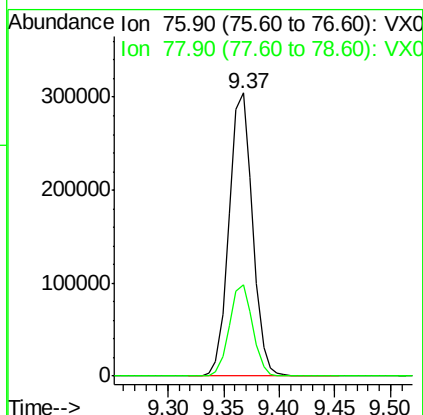
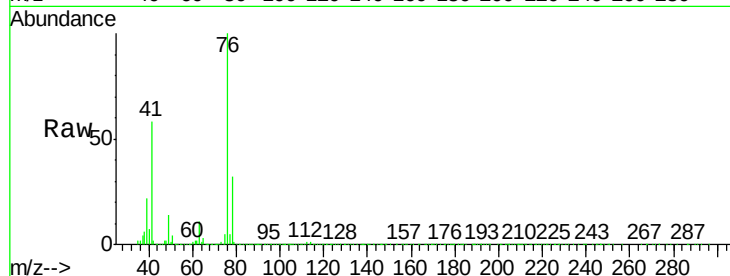




#57
 1,3-Dichloropropane
 Concen: 49.413 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

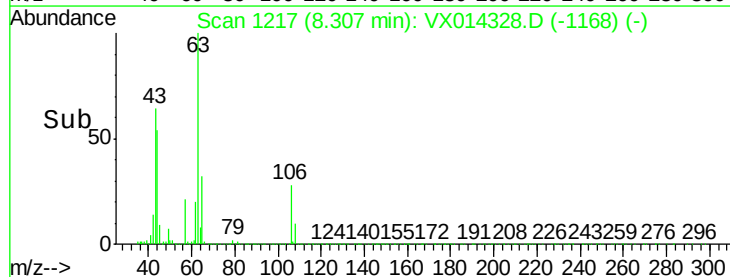
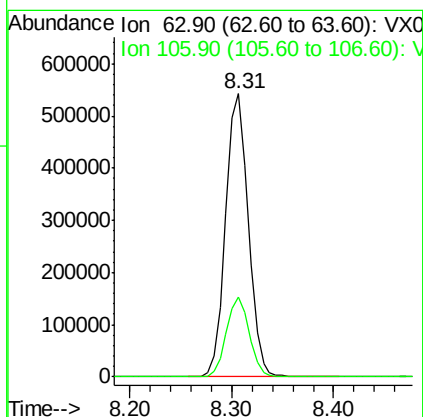
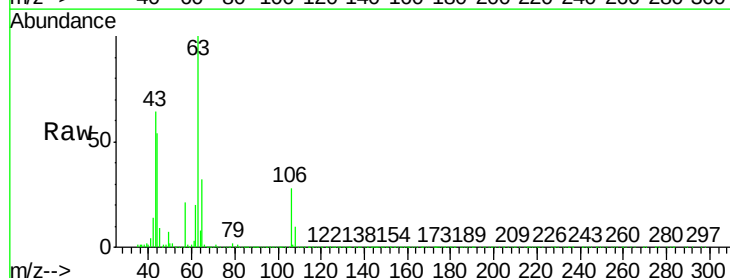
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

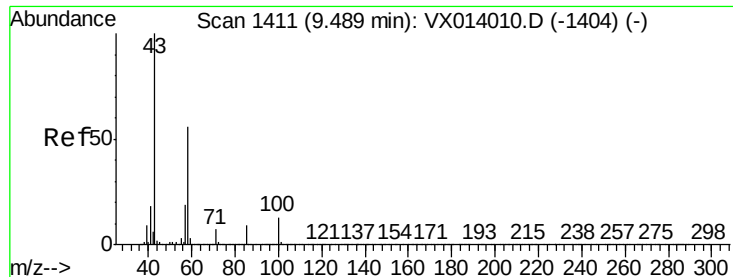
Tgt Ion: 76 Resp: 444344
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.519 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion: 63 Resp: 834081
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.0 34.6

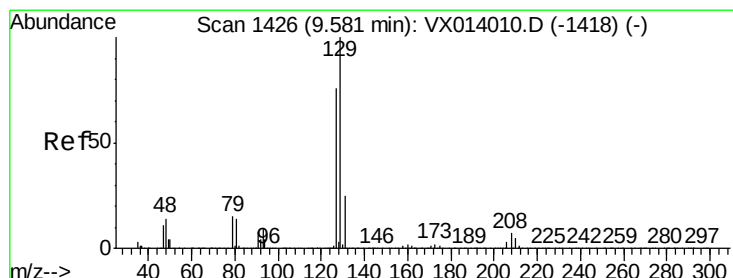
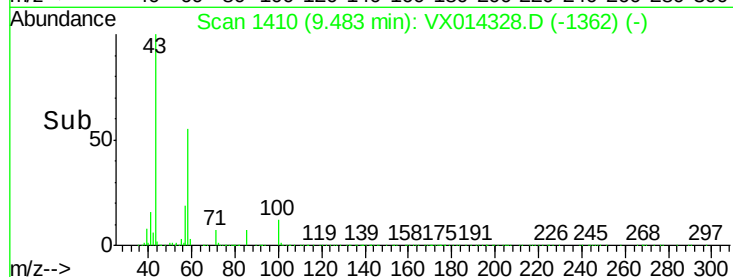
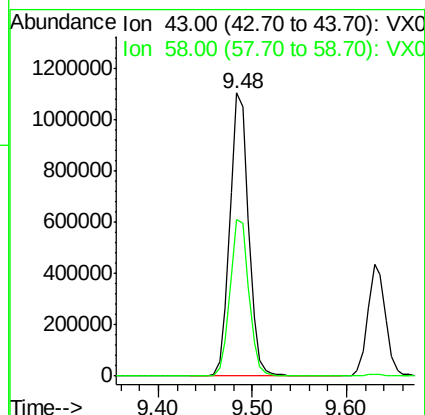
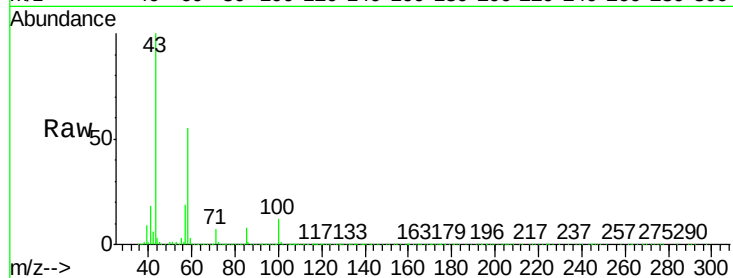




#59
2-Hexanone
Concen: 239.889 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

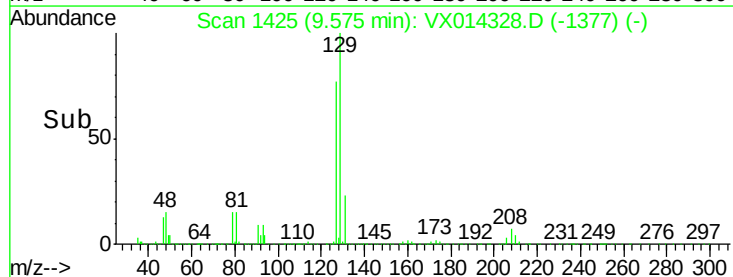
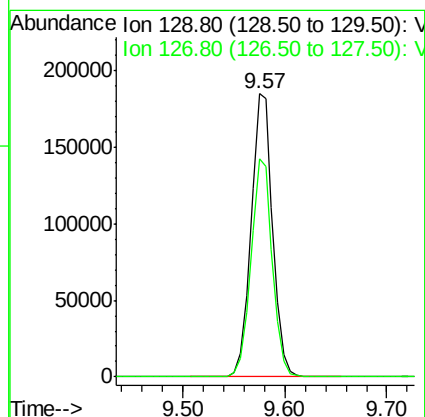
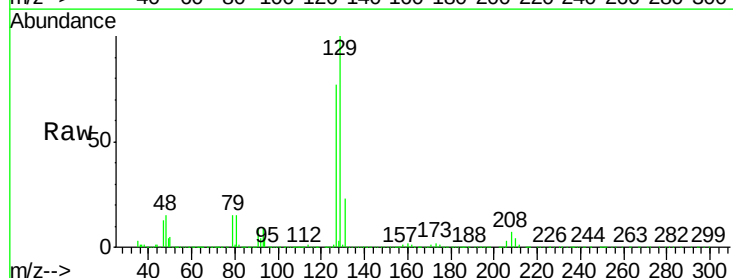
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

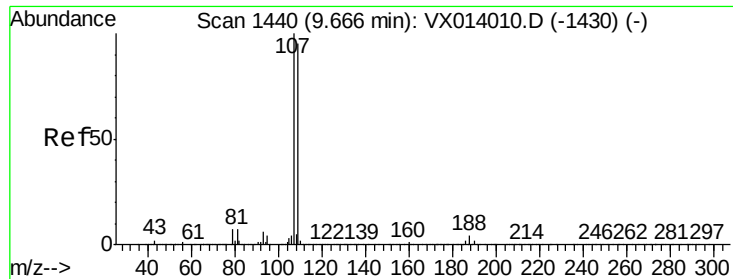
Tgt Ion: 43 Resp: 1519774
Ion Ratio Lower Upper
43 100
58 55.9 28.0 84.0



#60
Dibromochloromethane
Concen: 51.123 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 129 Resp: 271602
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.860 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

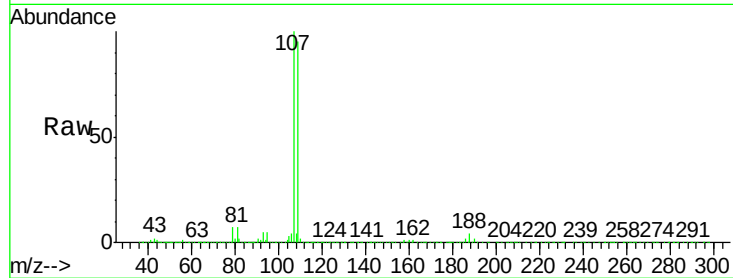
VSTDCCC050EC

Tgt Ion: 107 Resp: 272657

Ion Ratio Lower Upper

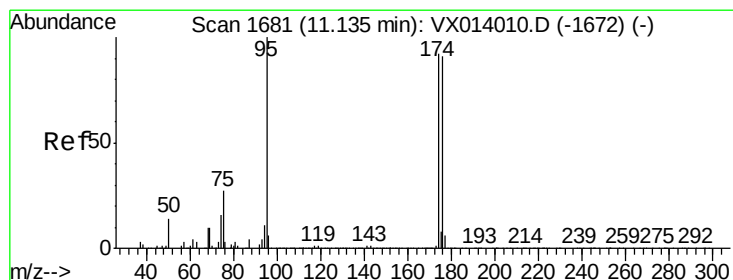
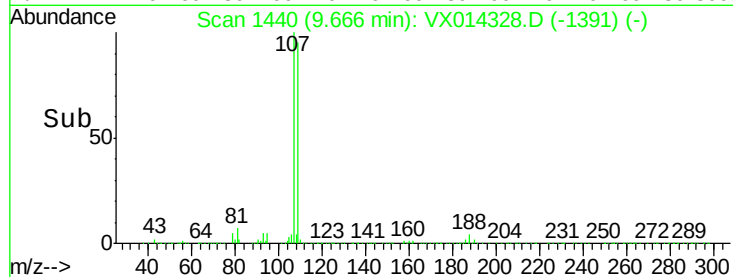
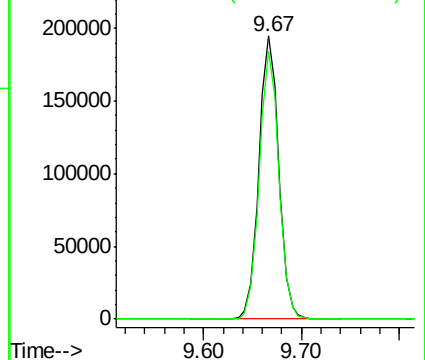
107 100

109 93.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.566 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

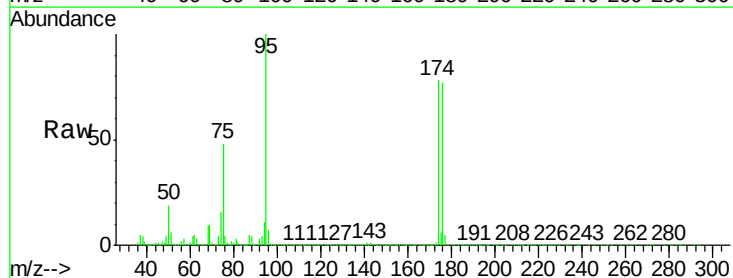
Tgt Ion: 95 Resp: 307520

Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.8

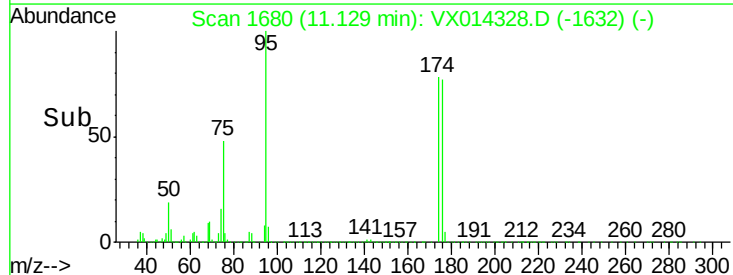
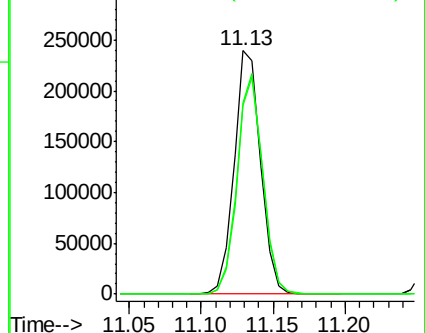
176 85.8 0.0 173.0

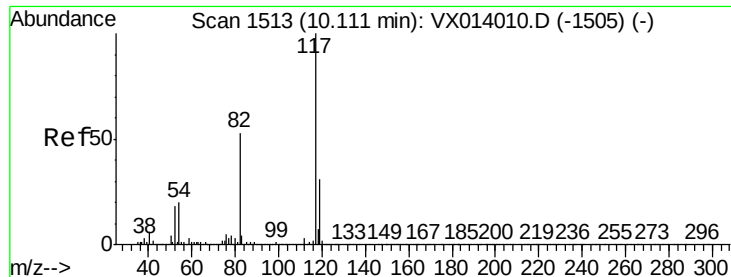


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

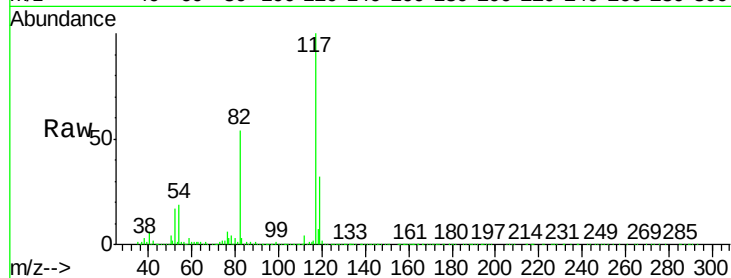
Tgt Ion:117 Resp: 678882

Ion Ratio Lower Upper

117 100

82 53.8 42.2 63.4

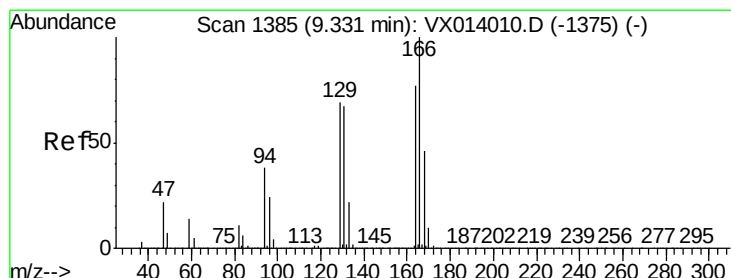
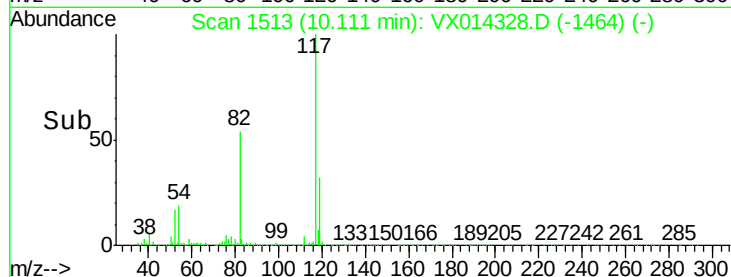
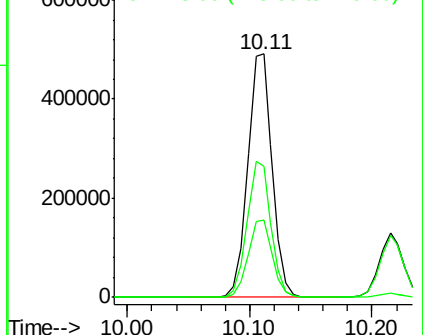
119 31.9 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 64.675 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Tgt Ion:164 Resp: 388517

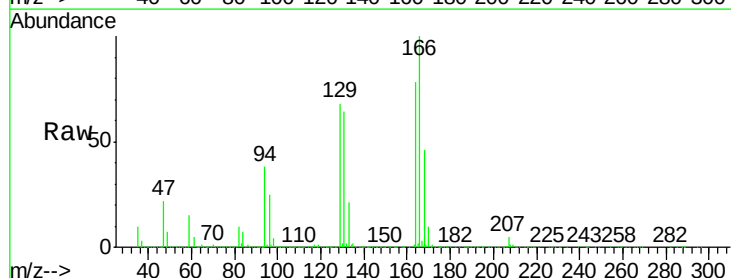
Ion Ratio Lower Upper

164 100

166 128.8 104.0 156.0

129 87.1 72.2 108.4

131 82.3 69.6 104.4

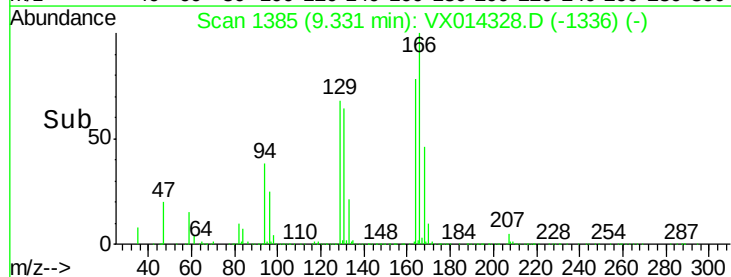
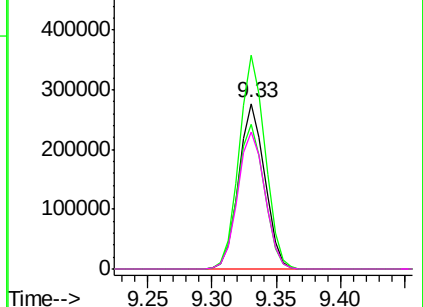


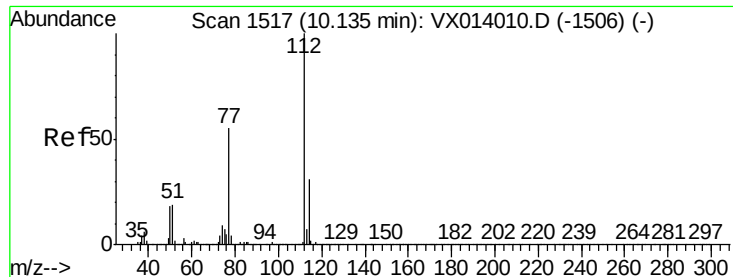
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 46.419 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

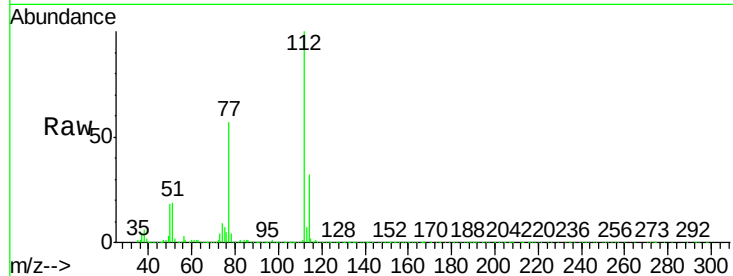
VSTDCCC050EC

Tgt Ion:112 Resp: 670043

Ion Ratio Lower Upper

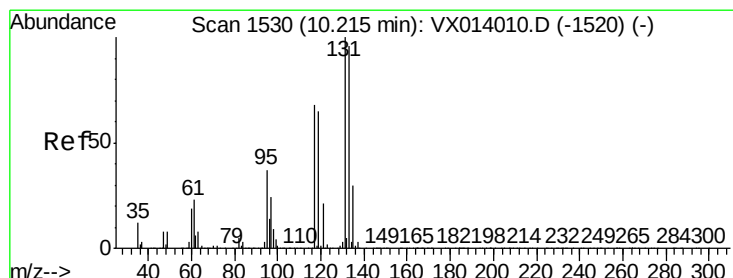
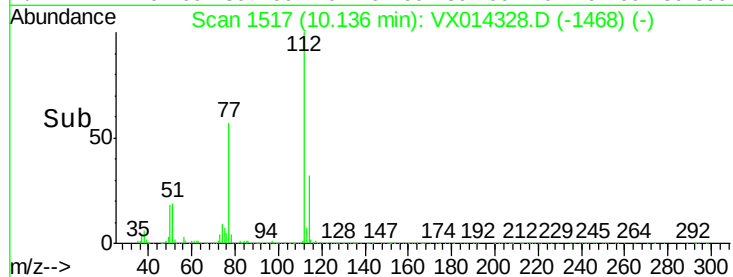
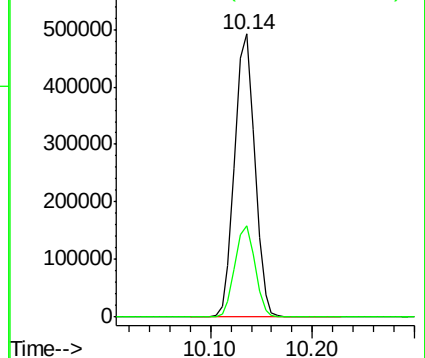
112 100

114 32.3 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.314 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

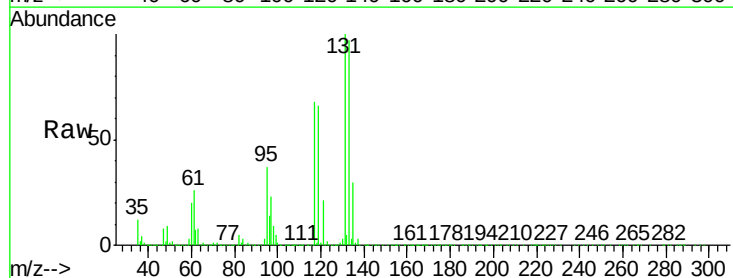
Tgt Ion:131 Resp: 254165

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

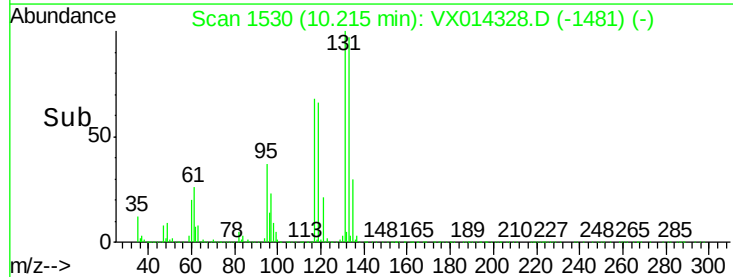
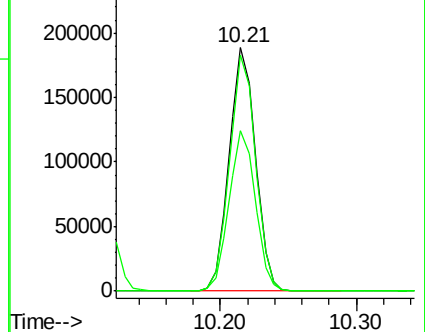
119 66.2 33.4 100.2

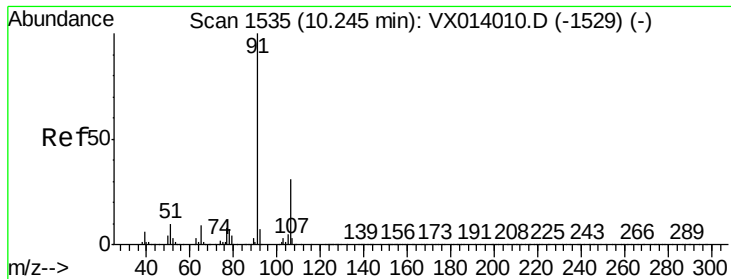


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

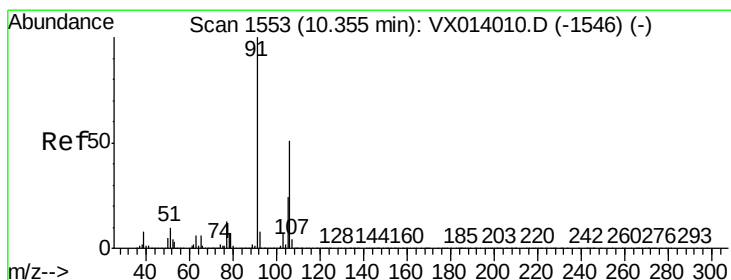
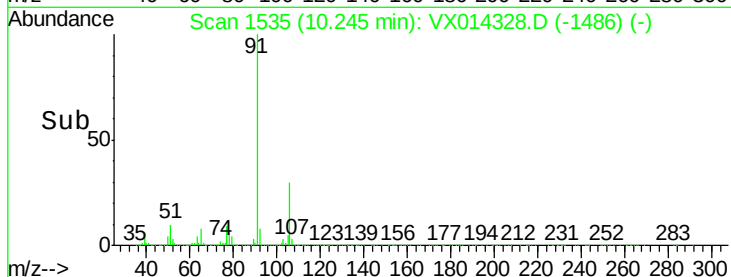
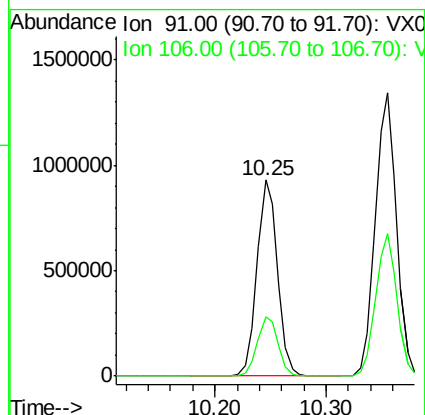
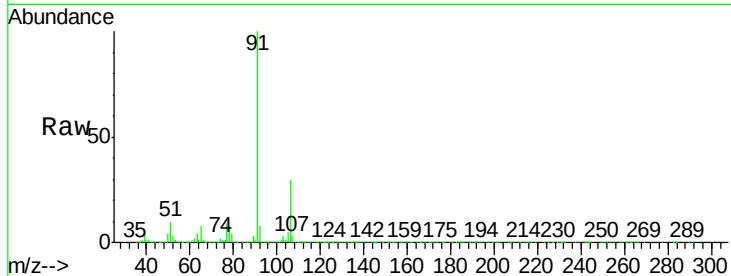




#67
Ethyl Benzene
Concen: 47.937 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

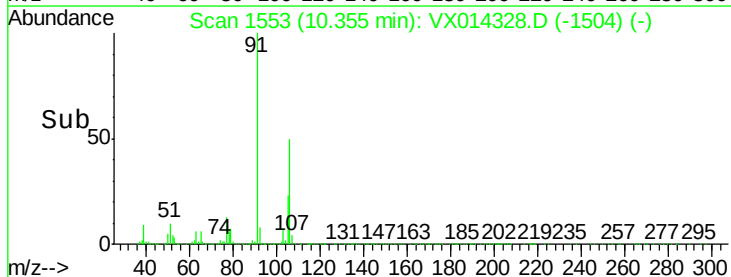
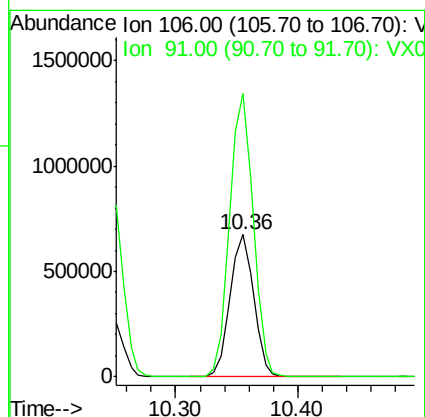
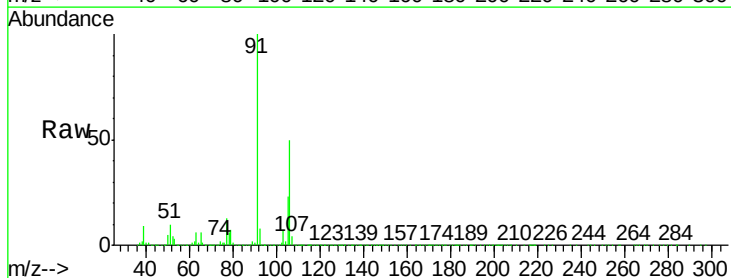
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

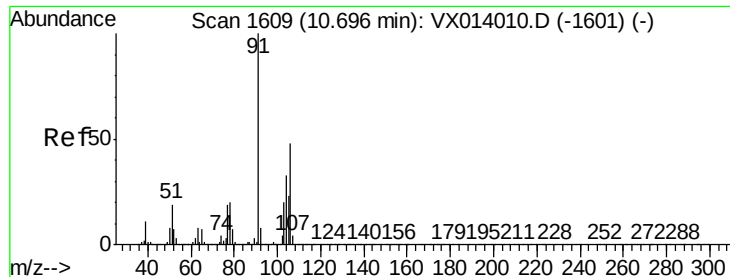
Tgt Ion: 91 Resp: 1189631
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6



#68
m/p-Xylenes
Concen: 94.015 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 106 Resp: 897358
Ion Ratio Lower Upper
106 100
91 199.1 158.6 238.0

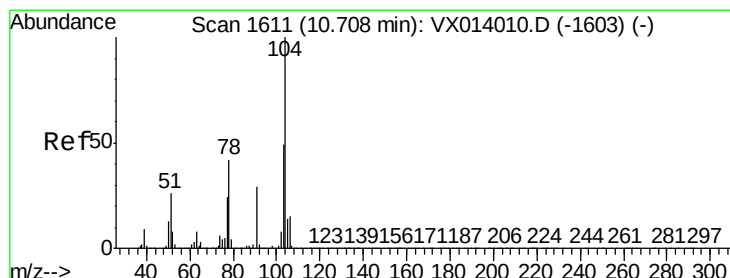
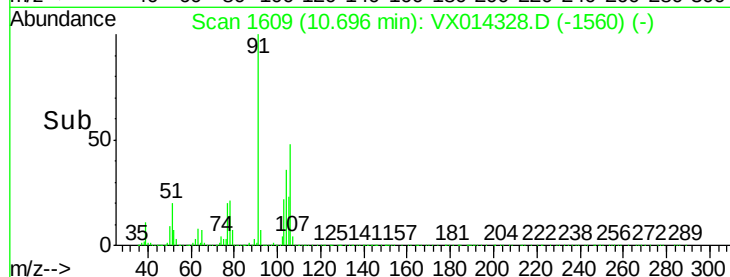
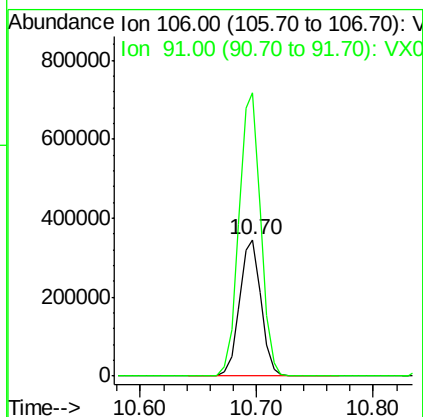
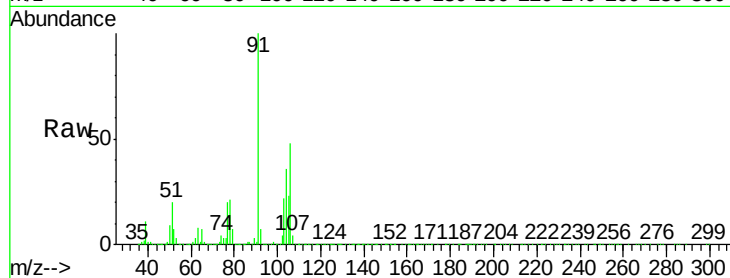




#69
o-Xylene
Concen: 47.373 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

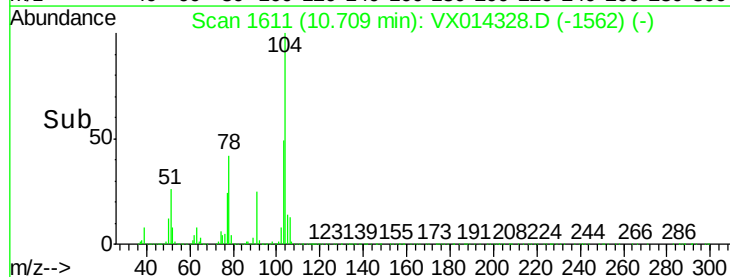
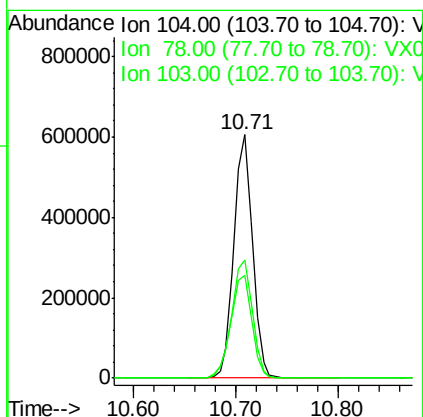
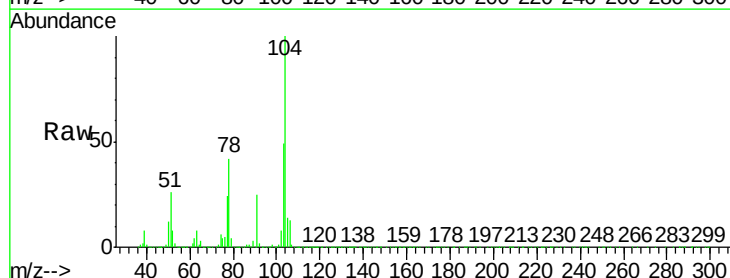
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

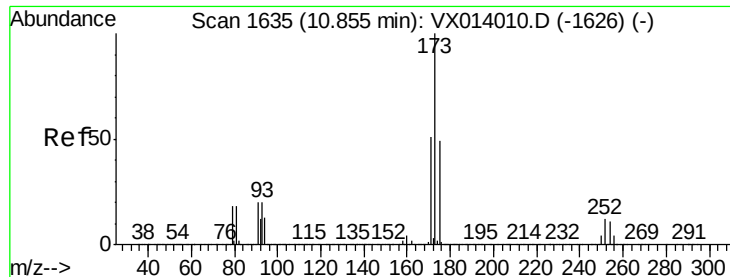
Tgt Ion:106 Resp: 443467
Ion Ratio Lower Upper
106 100
91 210.1 104.2 312.6



#70
Styrene
Concen: 48.133 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion:104 Resp: 761920
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 53.9 42.9 64.3





#71

Bromoform

Concen: 50.312 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

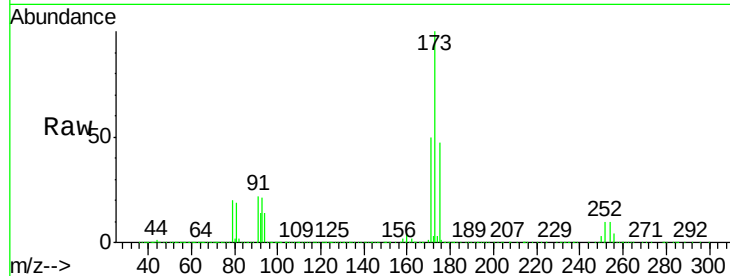
Tgt Ion:173 Resp: 208442

Ion Ratio Lower Upper

173 100

175 47.9 24.4 73.4

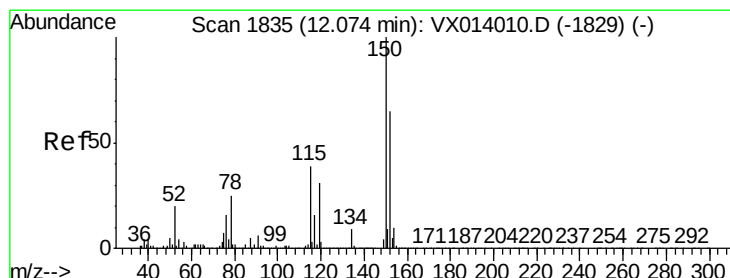
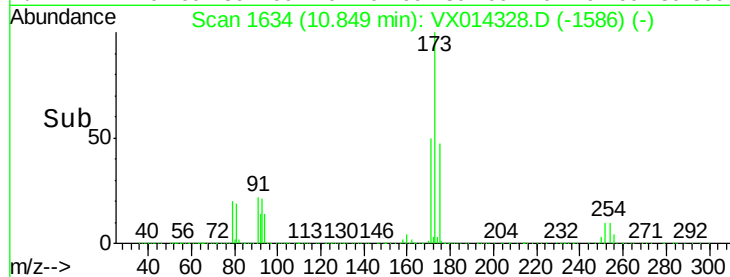
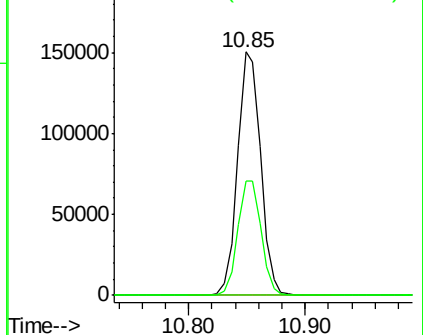
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

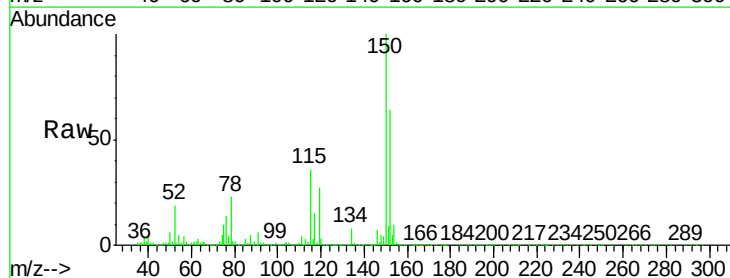
Tgt Ion:152 Resp: 332021

Ion Ratio Lower Upper

152 100

115 76.5 38.3 114.9

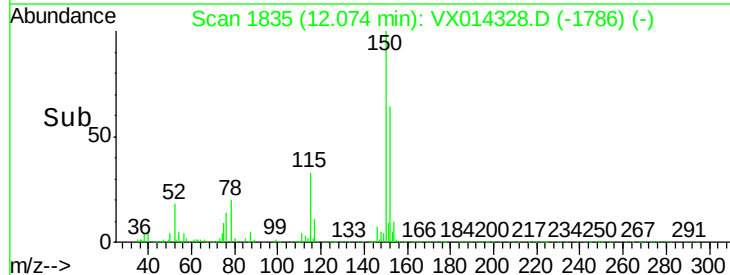
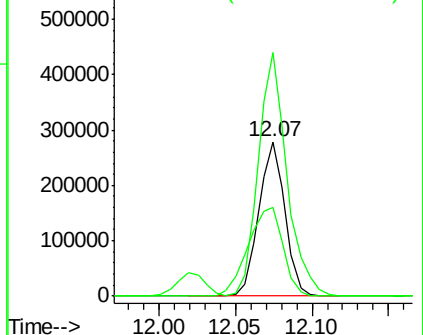
150 172.6 0.0 345.4

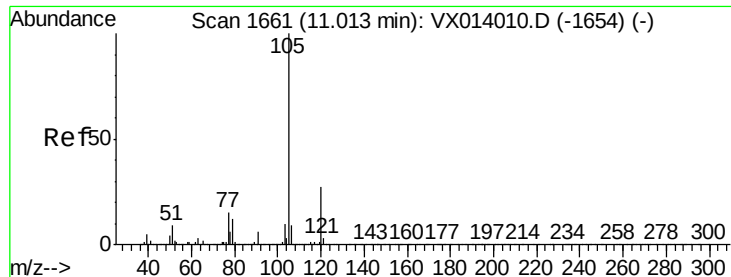


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.564 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

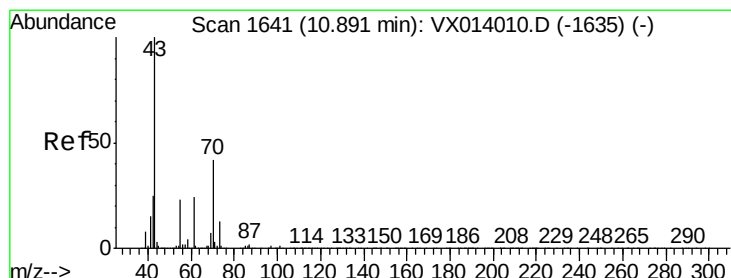
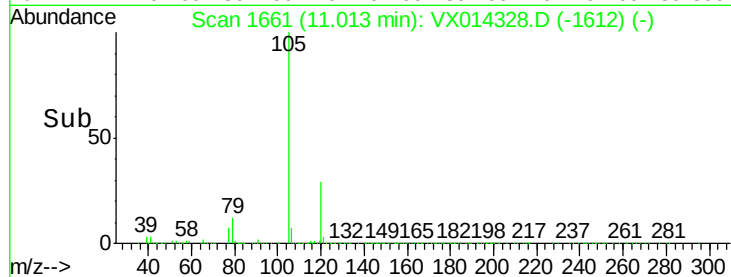
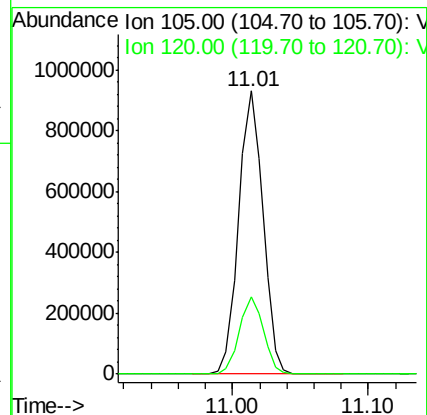
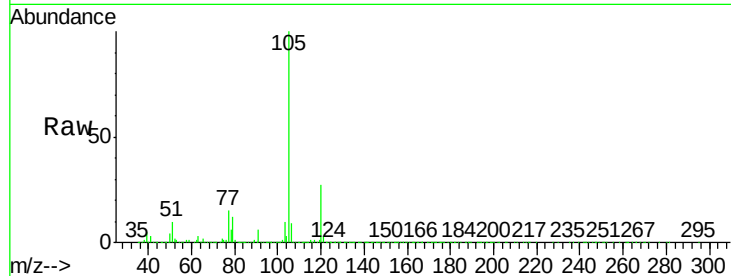
VSTDCCC050EC

Tgt Ion:105 Resp: 1158640

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 50.225 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Tgt Ion: 43 Resp: 550349

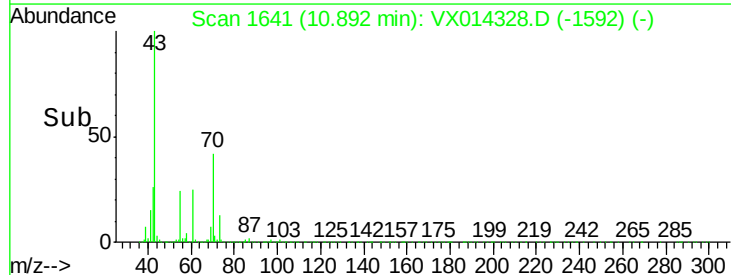
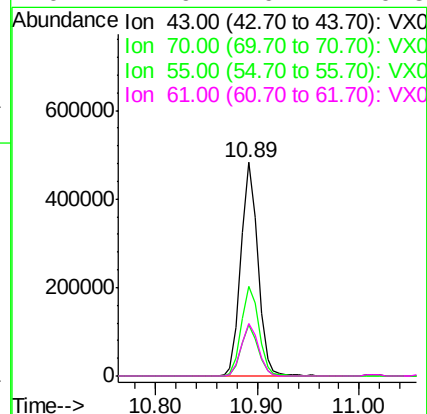
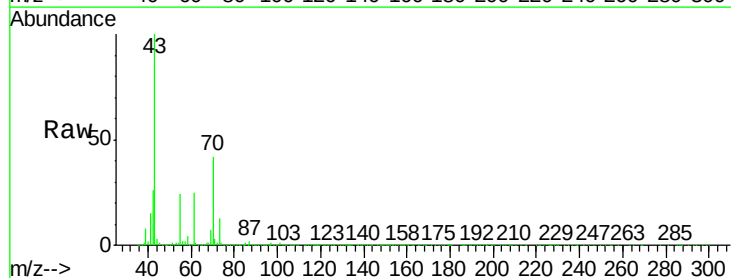
Ion Ratio Lower Upper

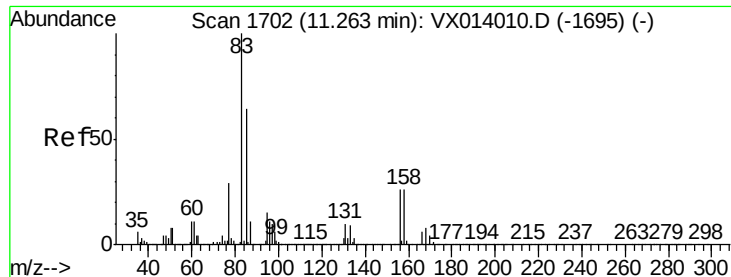
43 100

70 43.6 34.4 51.6

55 23.8 19.1 28.7

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.326 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

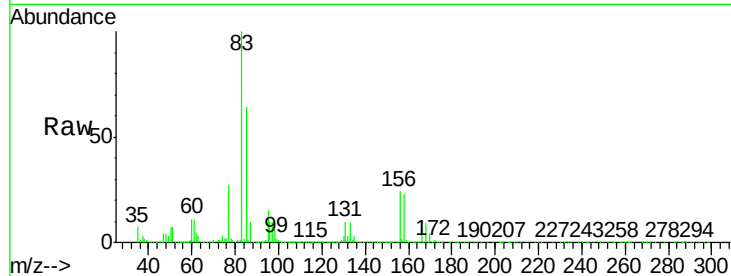
Tgt Ion: 83 Resp: 367350

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

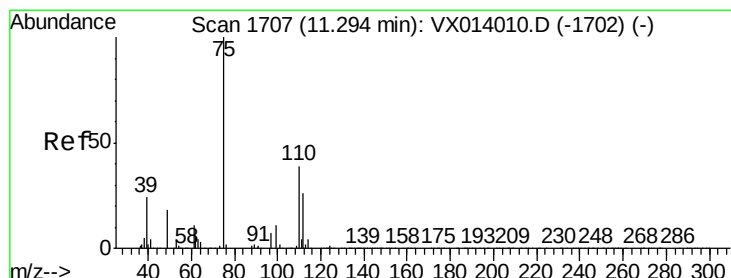
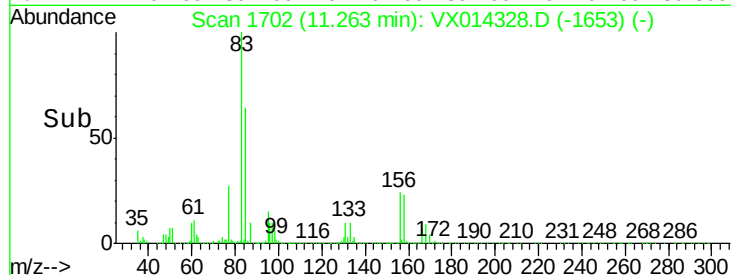
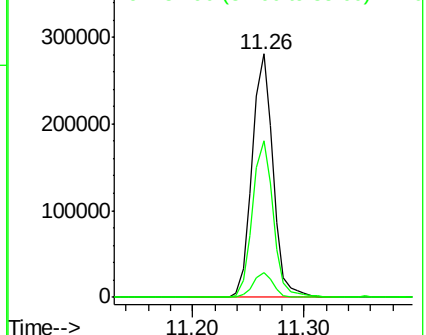
85 64.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.879 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014328.D

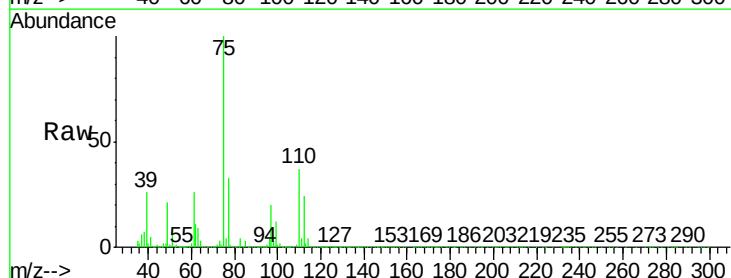
Acq: 27 Dec 2019 22:44

Tgt Ion: 75 Resp: 460445

Ion Ratio Lower Upper

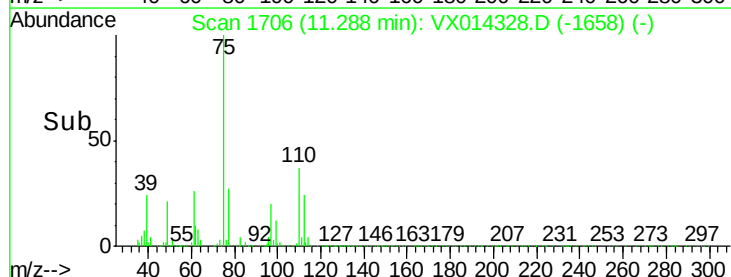
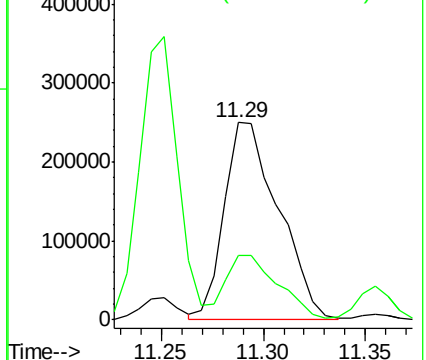
75 100

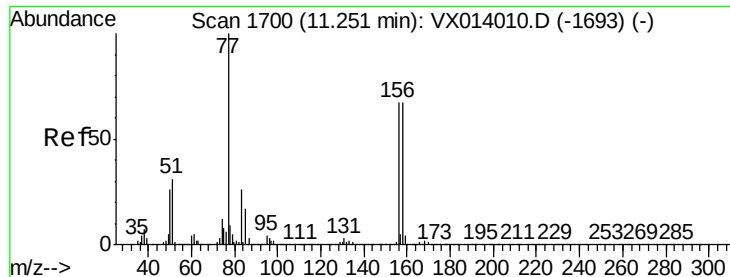
77 30.7 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.878 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

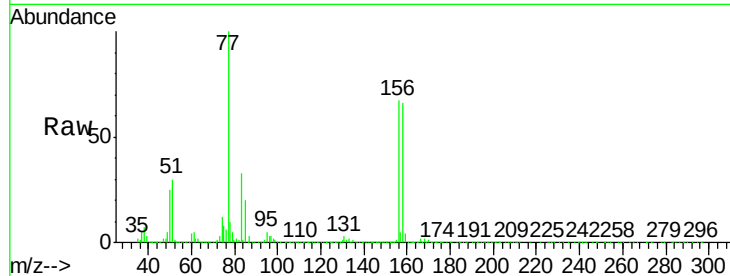
Tgt Ion:156 Resp: 301510

Ion Ratio Lower Upper

156 100

77 152.1 76.5 229.5

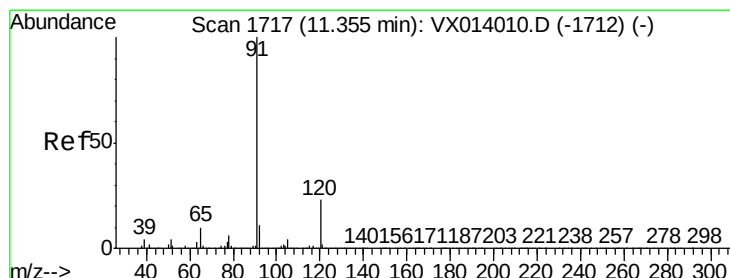
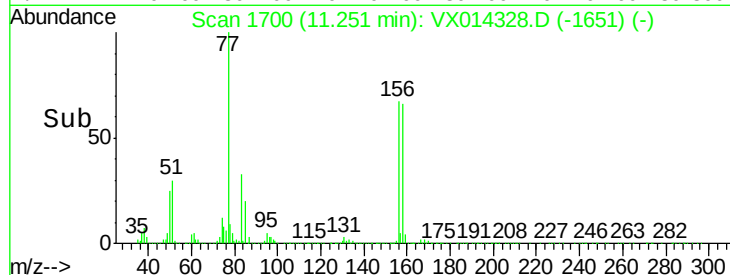
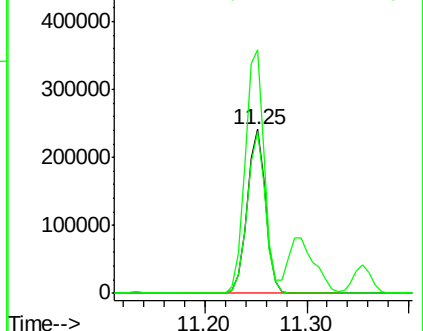
158 97.6 49.3 147.9



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: 50.172 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014328.D

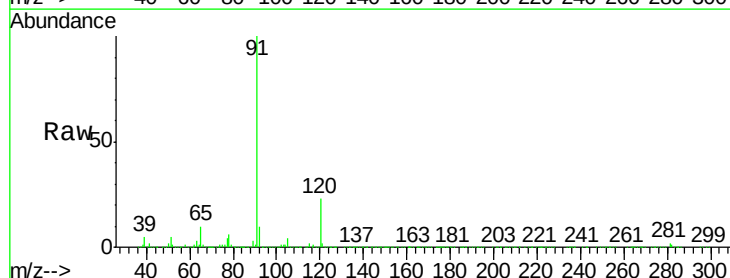
Acq: 27 Dec 2019 22:44

Tgt Ion: 91 Resp: 1315576

Ion Ratio Lower Upper

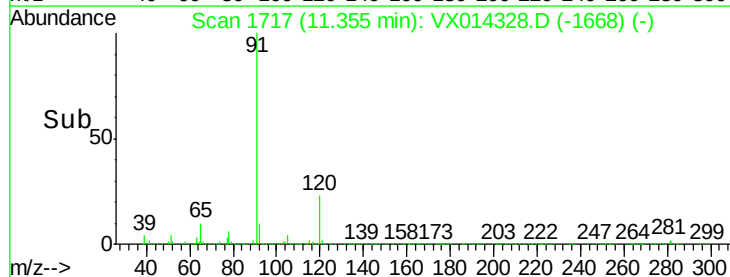
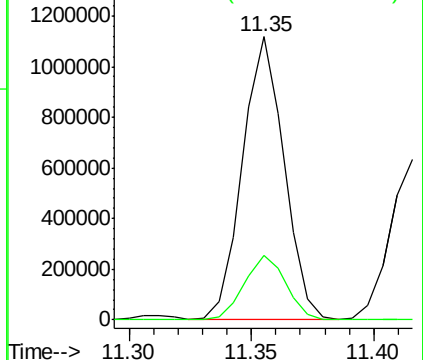
91 100

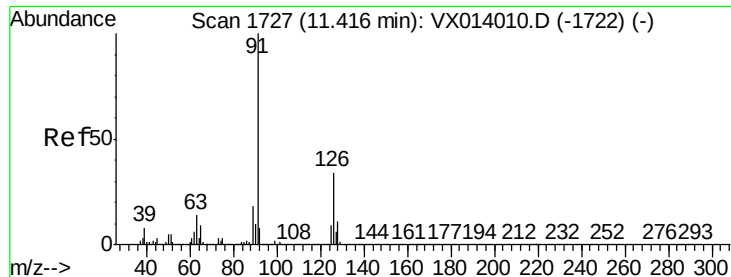
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

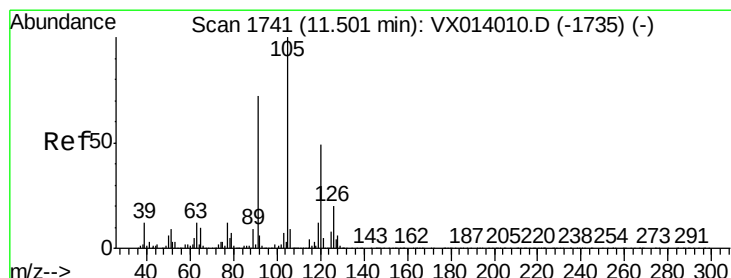
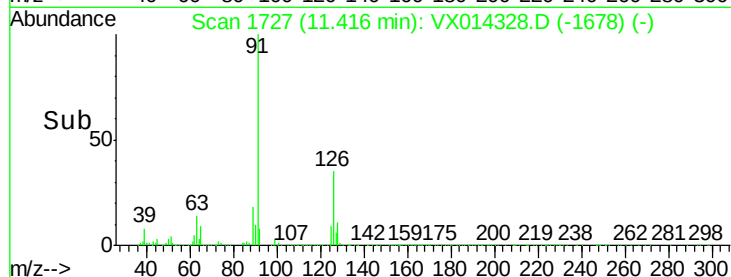
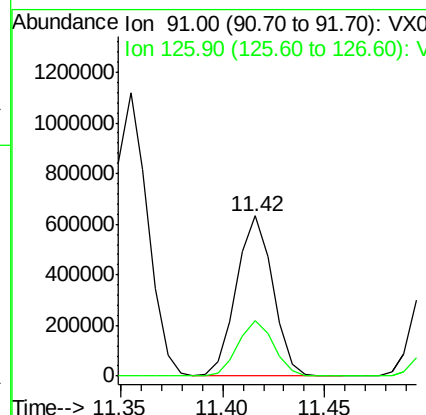
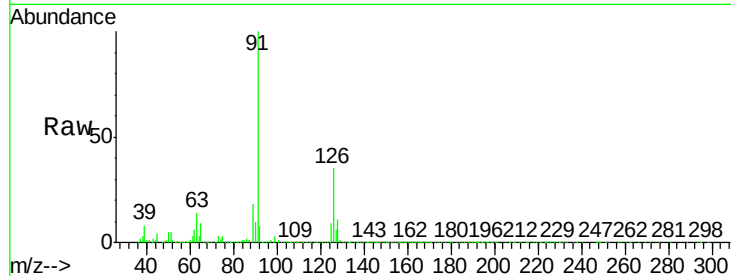




#79
 2-Chlorotoluene
 Concen: 48.805 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

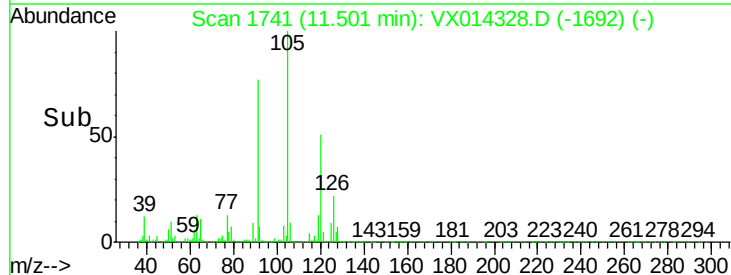
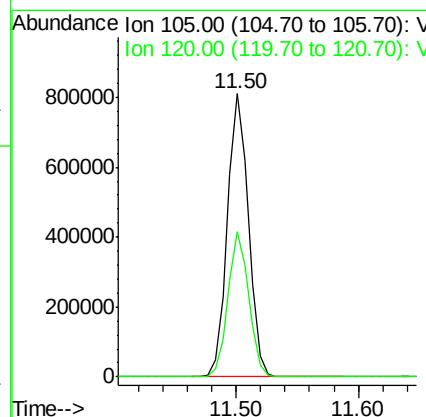
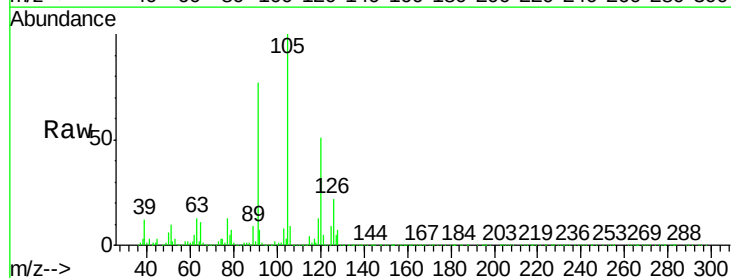
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

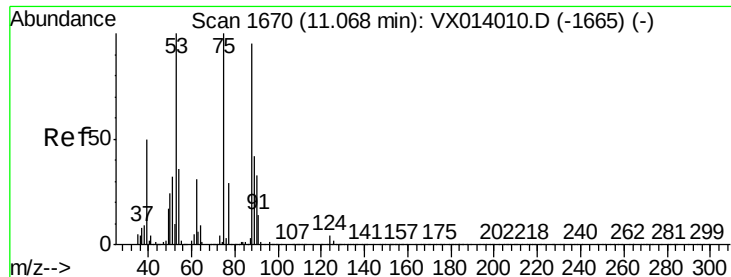
Tgt Ion: 91 Resp: 777916
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.063 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion: 105 Resp: 965272
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.281 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

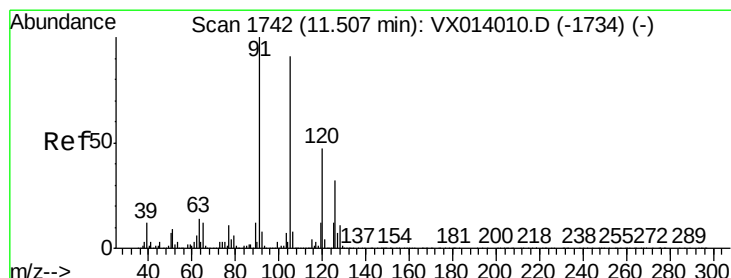
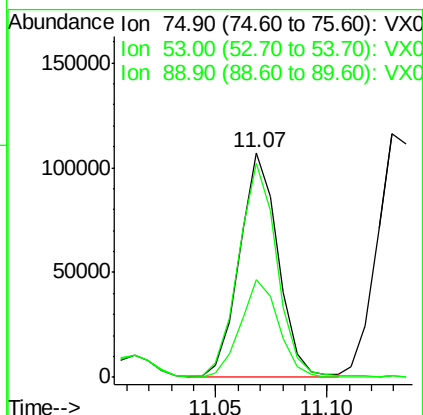
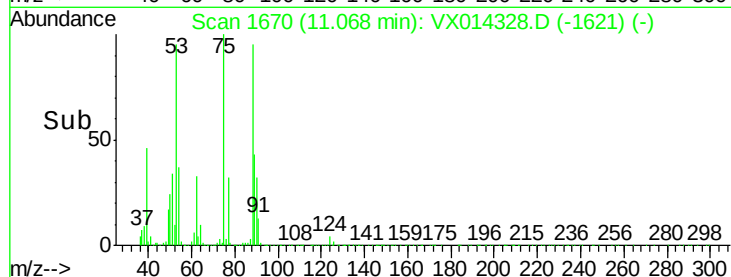
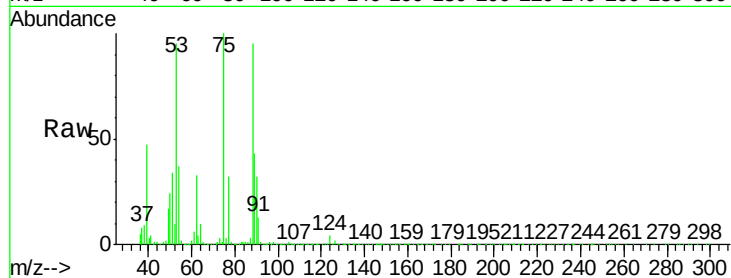
Tgt Ion: 75 Resp: 128408

Ion Ratio Lower Upper

75 100

53 94.7 76.7 115.1

89 43.3 34.6 51.8



#82

4-Chlorotoluene

Concen: 48.105 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014328.D

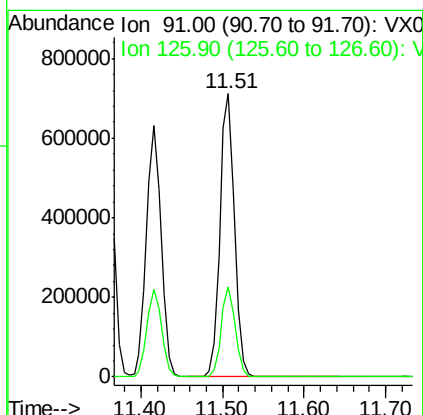
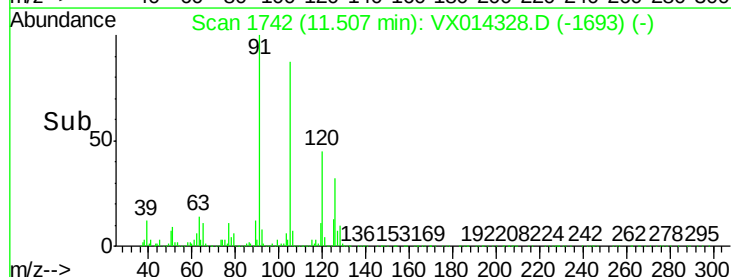
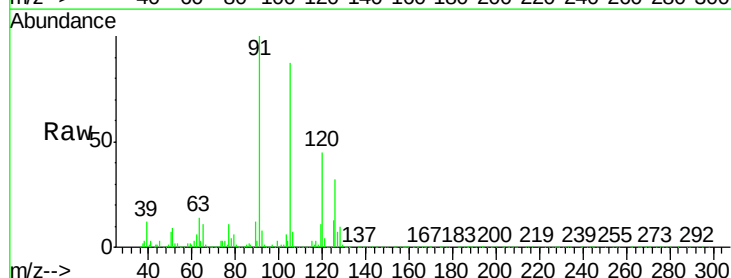
Acq: 27 Dec 2019 22:44

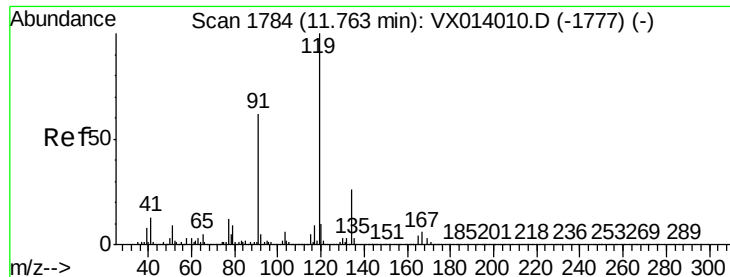
Tgt Ion: 91 Resp: 889407

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.8

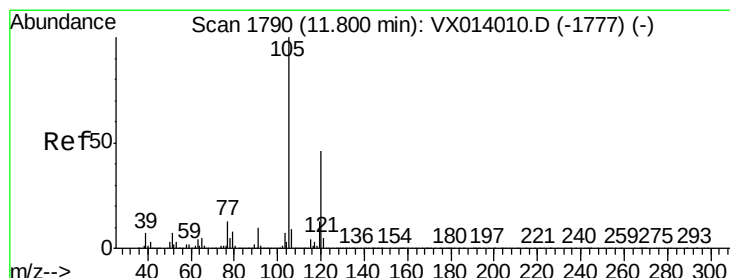
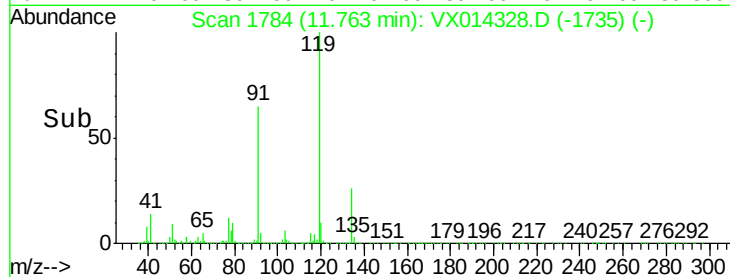
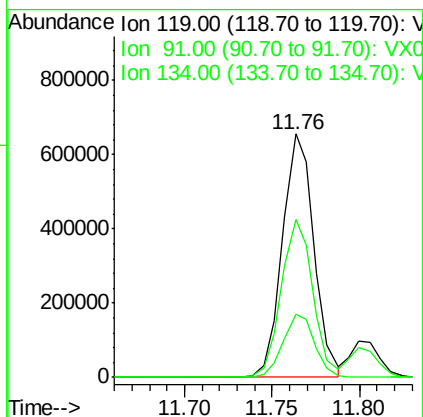
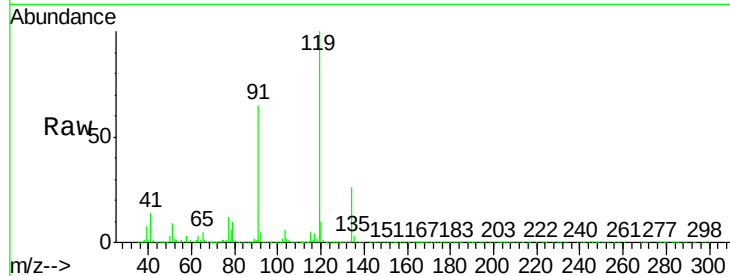




#83
 tert-Butylbenzene
 Concen: 43.119 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

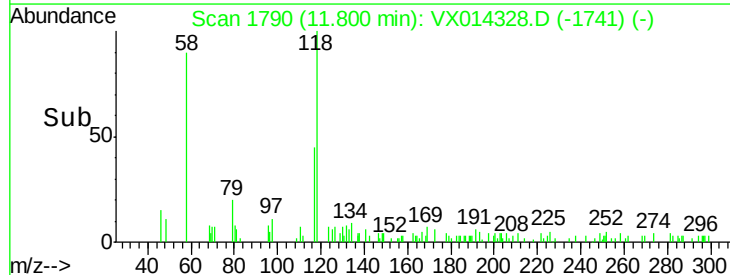
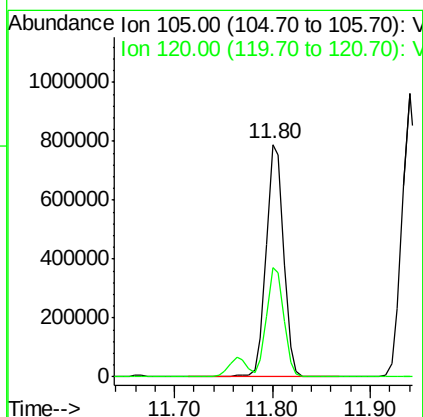
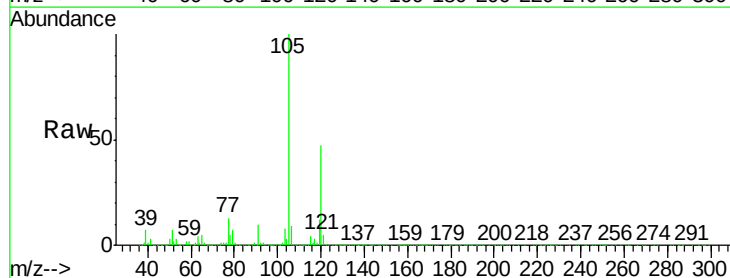
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

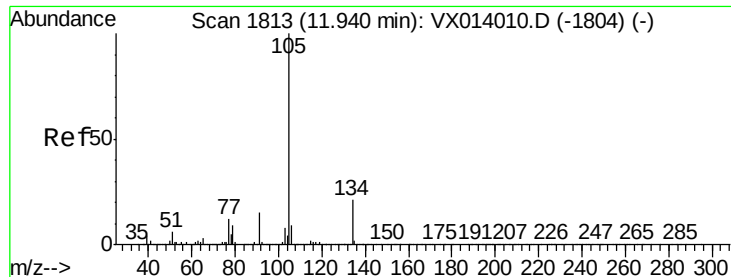
Tgt Ion:119 Resp: 825559
 Ion Ratio Lower Upper
 119 100
 91 64.7 28.5 85.6
 134 25.9 12.2 36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.515 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion:105 Resp: 975562
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.002 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

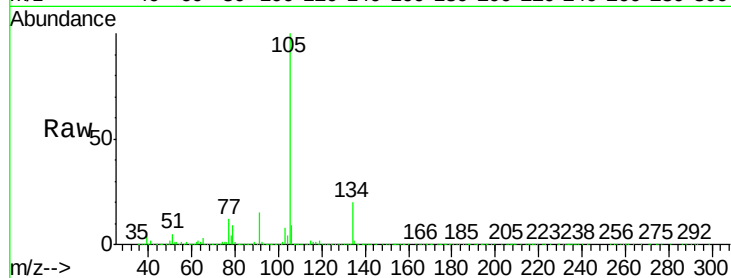
VSTDCCC050EC

Tgt Ion:105 Resp: 1130174

Ion Ratio Lower Upper

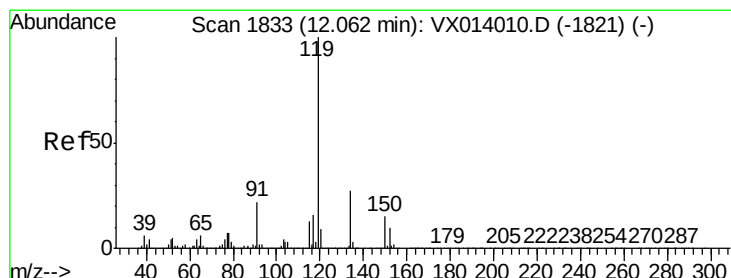
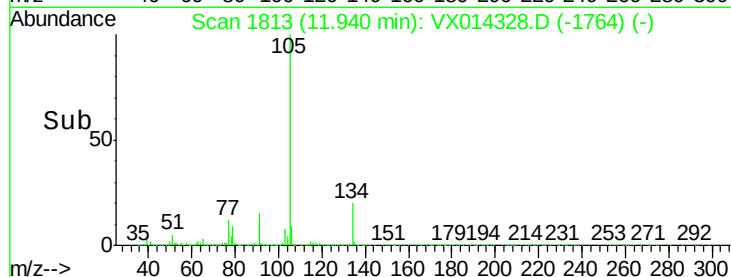
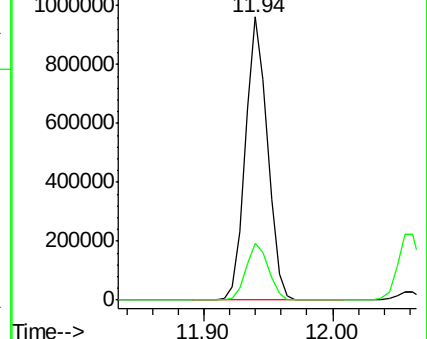
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.398 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

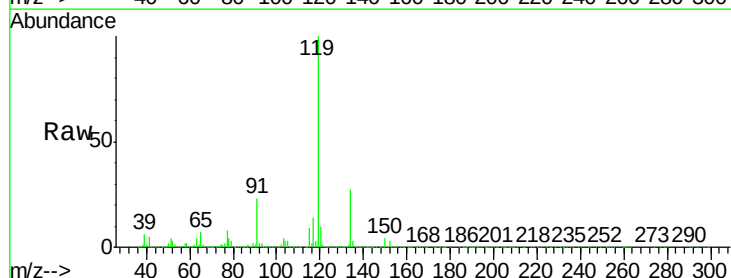
Tgt Ion:119 Resp: 1021315

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

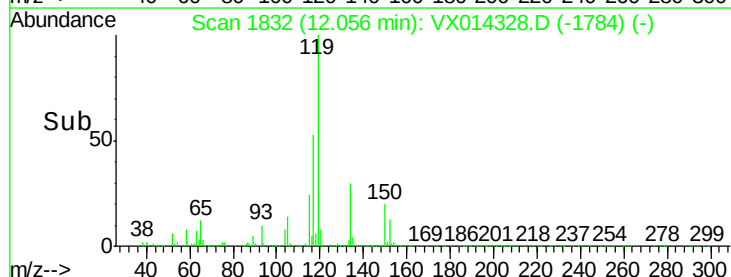
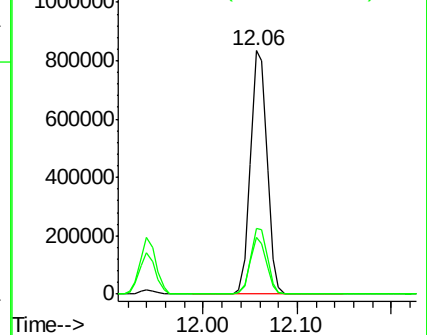
91 22.6 11.4 34.1

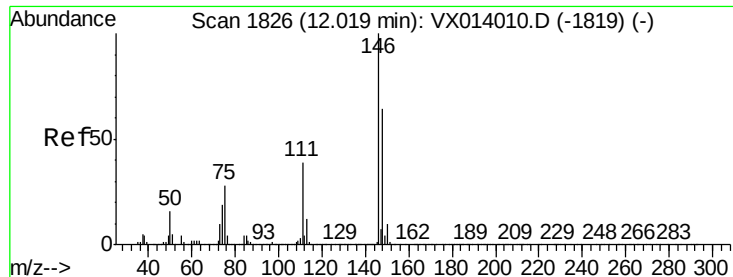


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.490 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

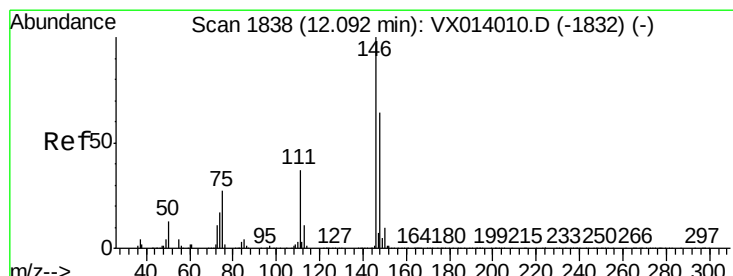
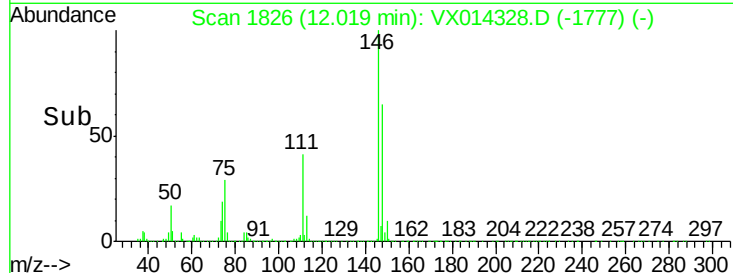
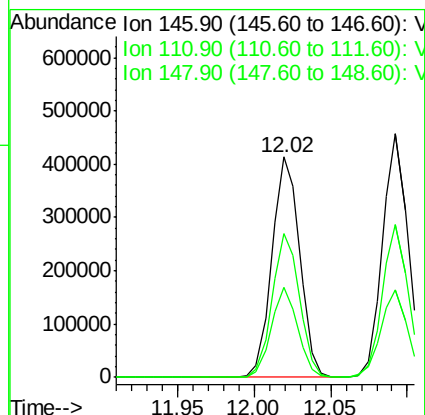
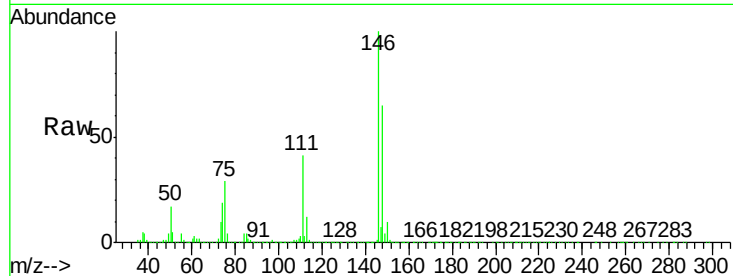
Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 524058

Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	64.1	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 46.178 ug/l

RT: 12.09 min Scan# 1838

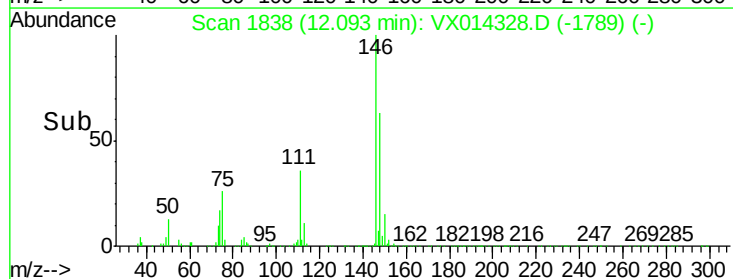
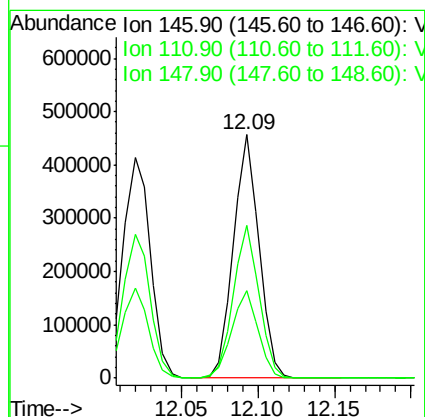
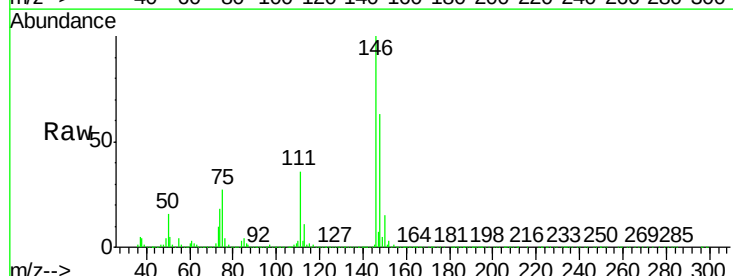
Delta R.T. 0.00 min

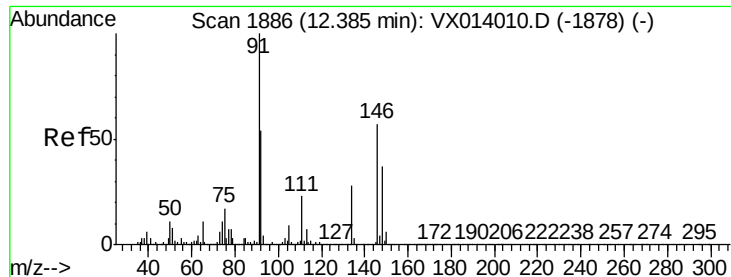
Lab File: VX014328.D

Acq: 27 Dec 2019 22:44

Tgt Ion:146 Resp: 529283

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	63.2	31.9	95.9

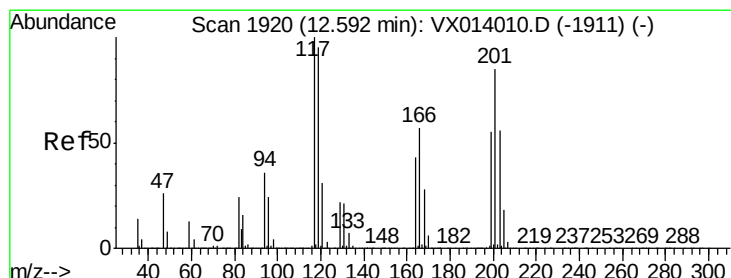
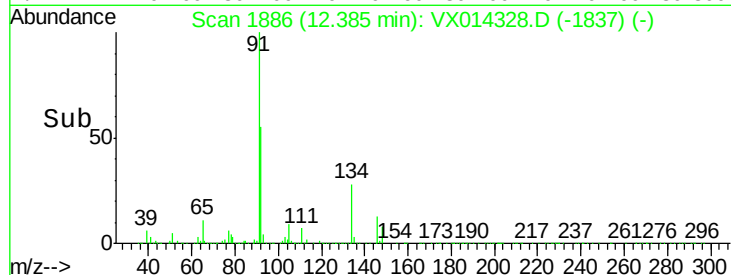
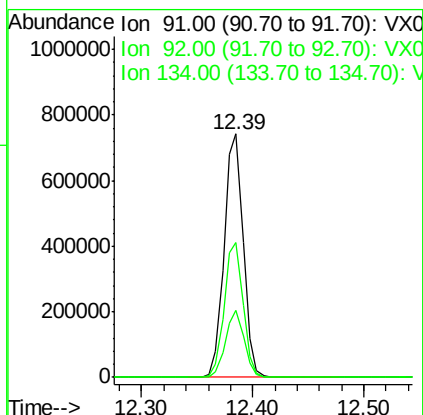
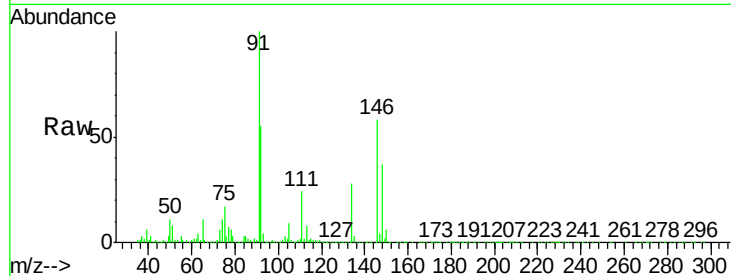




#89
n-Butylbenzene
Concen: 49.707 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

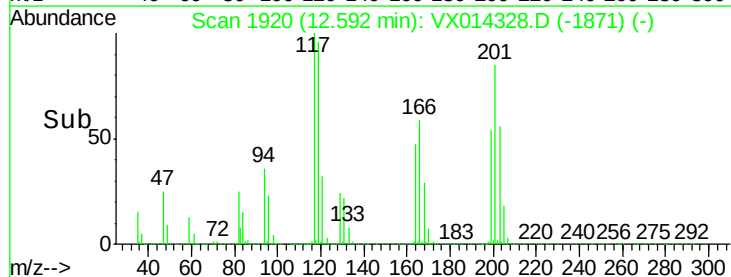
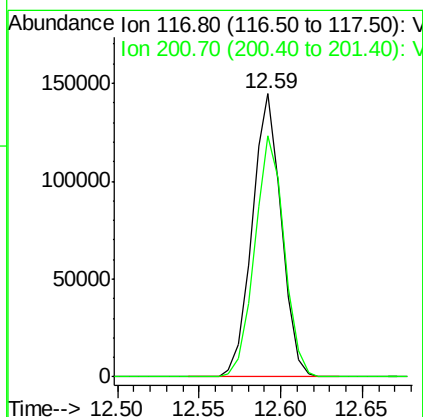
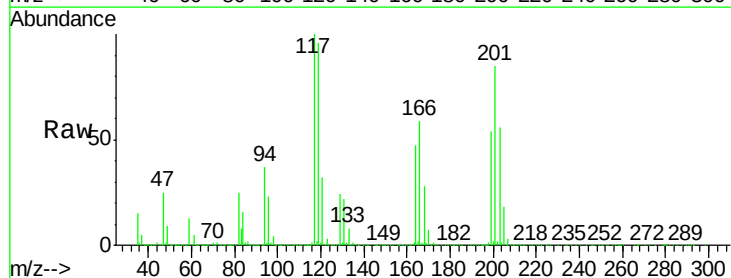
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

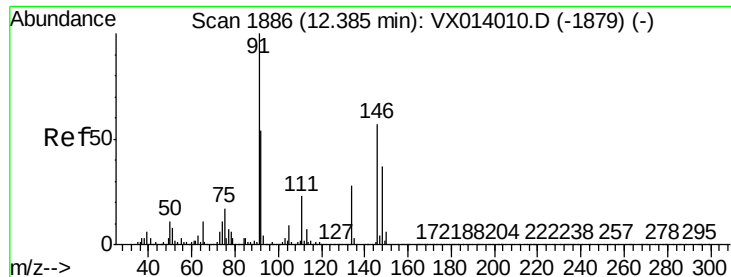
Tgt Ion: 91 Resp: 876906
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 26.7 13.4 40.1



#90
Hexachloroethane
Concen: 48.336 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion: 117 Resp: 179502
Ion Ratio Lower Upper
117 100
201 86.1 43.1 129.3

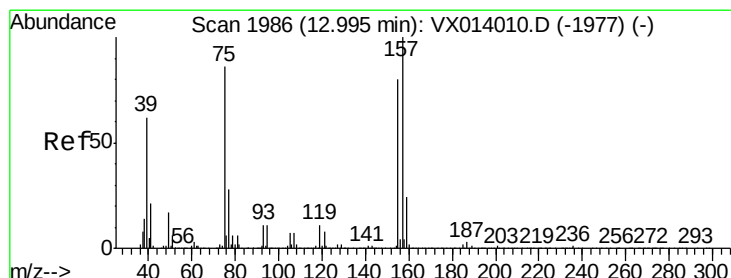
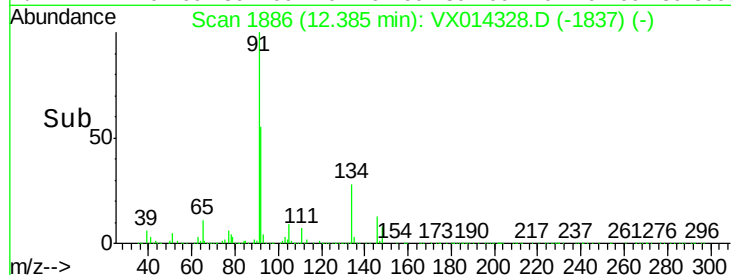
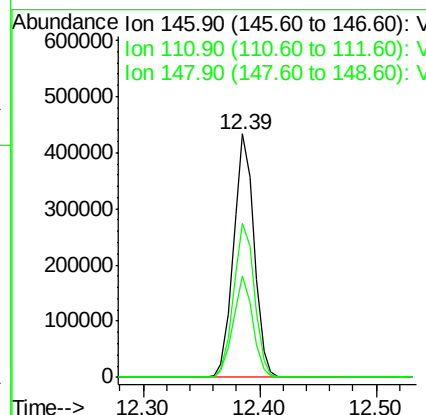
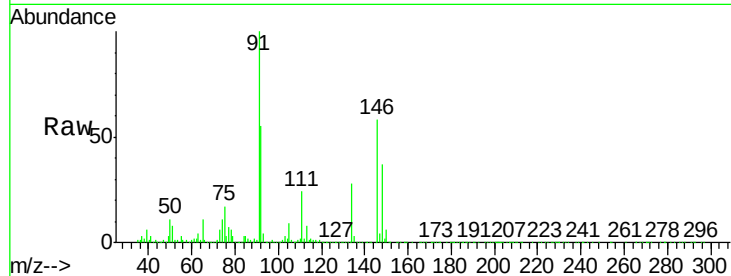




#91
 1,2-Dichlorobenzene
 Concen: 46.780 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

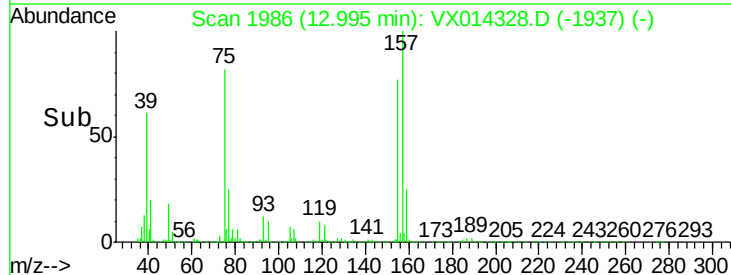
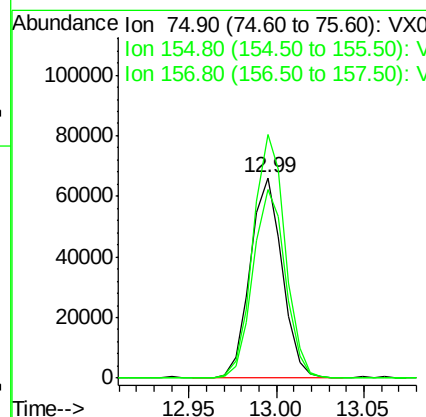
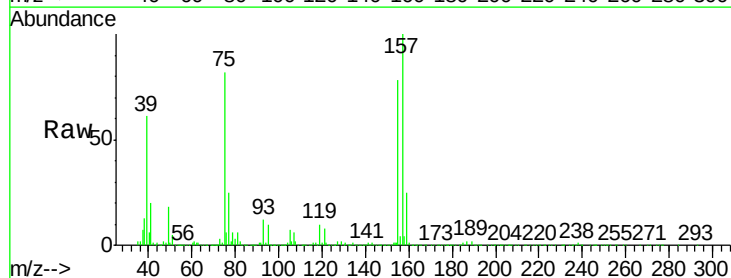
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

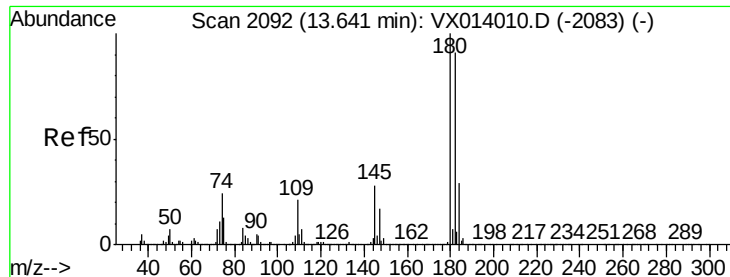
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	64.2	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.448 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	46.9	140.6
157	123.7	60.8	182.4

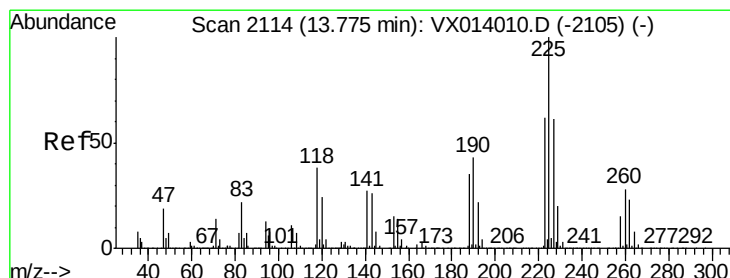
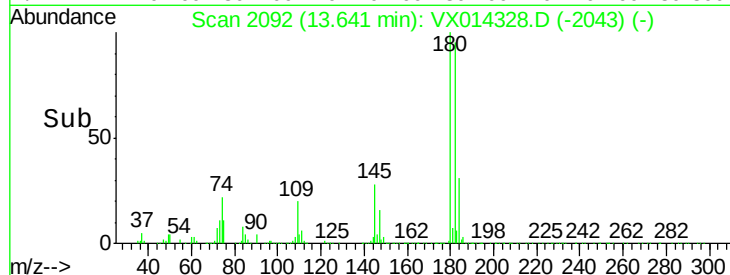
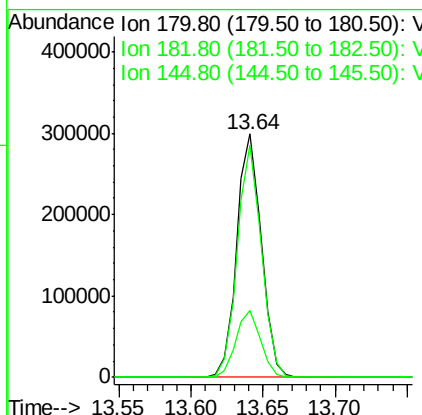
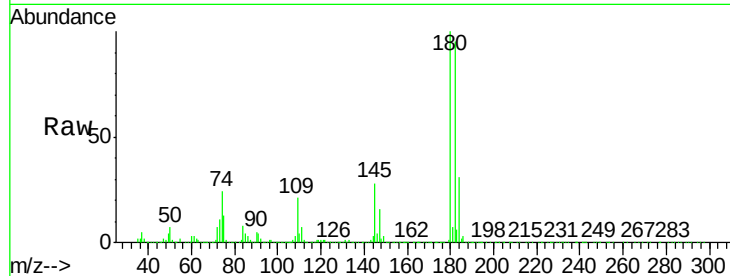




#93
 1,2,4-Trichlorobenzene
 Concen: 48.303 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

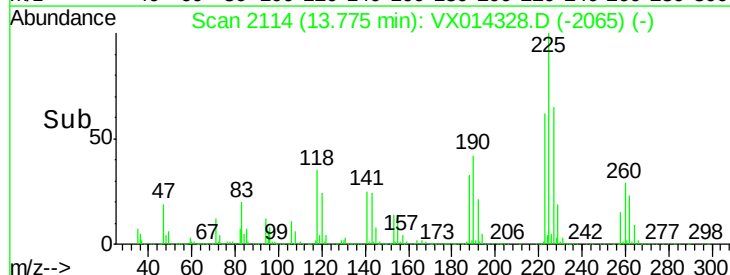
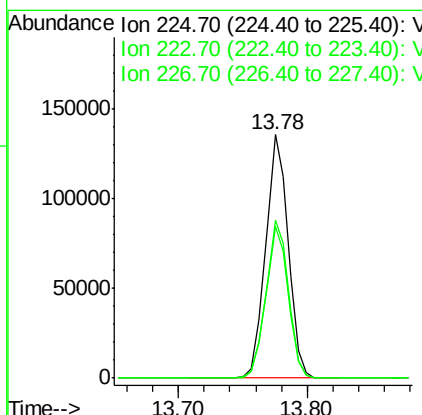
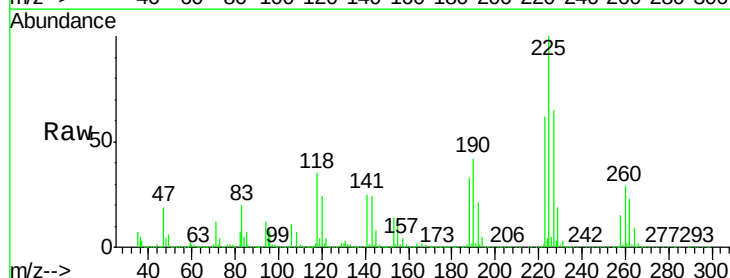
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

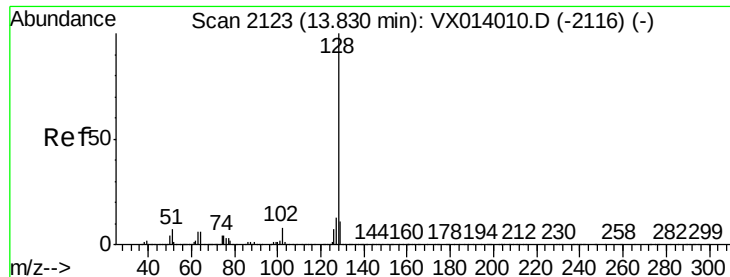
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.8
145	28.1	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 46.329 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014328.D
 Acq: 27 Dec 2019 22:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.9	92.5
227	64.6	30.9	92.7

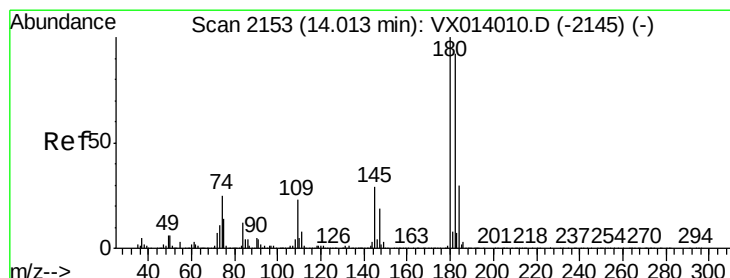
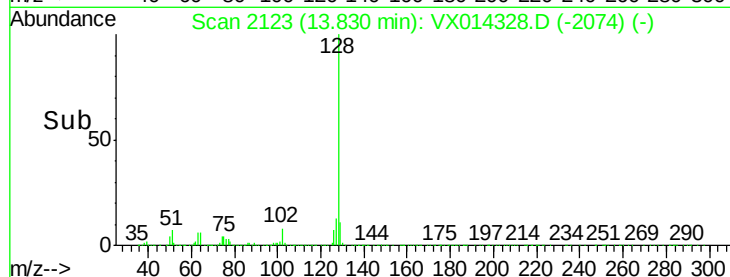
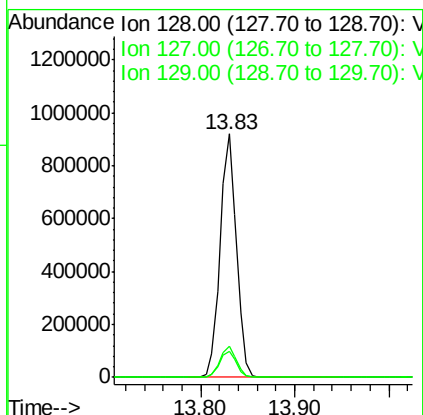
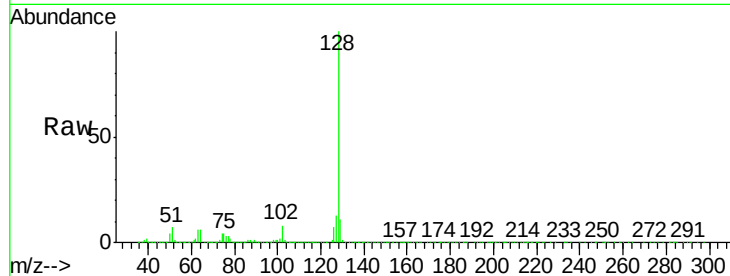




#95
Naphthalene
Concen: 50.850 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1101879
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.921 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014328.D
Acq: 27 Dec 2019 22:44

Tgt Ion:180 Resp: 356173
Ion Ratio Lower Upper
180 100
182 96.6 46.8 140.3
145 30.0 14.8 44.4

