

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX013120\
 Data File : VX014784.D
 Acq On : 31 Jan 2020 17:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 17:53:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	442410	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	640078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	589540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305568	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	238228	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	5.48	113	193876	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	8.71	98	739847	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.13	95	265533	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	262665	44.29	ug/l	99
3) Chloromethane	1.32	50	255754	42.73	ug/l	98
4) Vinyl Chloride	1.40	62	300907	46.50	ug/l	99
5) Bromomethane	1.63	94	191732	43.62	ug/l	99
6) Chloroethane	1.72	64	165897	44.66	ug/l	97
7) Trichlorofluoromethane	1.92	101	347159	46.07	ug/l	99
8) Diethyl Ether	2.18	74	147654	44.89	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208701	47.18	ug/l	100
10) Methyl Iodide	2.50	142	272242	46.90	ug/l	98
11) Tert butyl alcohol	3.03	59	217451	187.48	ug/l	99
12) 1,1-Dichloroethene	2.36	96	200040	45.48	ug/l	97
13) Acrolein	2.28	56	249880	273.23	ug/l	100
14) Allyl chloride	2.72	41	357414	45.21	ug/l	97
15) Acrylonitrile	3.12	53	583110	217.28	ug/l	100
16) Acetone	2.43	43	488253	172.48	ug/l	100
17) Carbon Disulfide	2.56	76	508471	42.30	ug/l	98
18) Methyl Acetate	2.76	43	361595	44.74	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	679177	47.15	ug/l	99
20) Methylene Chloride	2.84	84	232987	44.47	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	214606	44.32	ug/l	98
22) Diisopropyl ether	3.84	45	743260	47.26	ug/l	100
23) Vinyl Acetate	3.80	43	2879638	240.19	ug/l	100
24) 1,1-Dichloroethane	3.69	63	398015	46.60	ug/l	100
25) 2-Butanone	4.65	43	792893	195.45	ug/l	99
26) 2,2-Dichloropropane	4.57	77	330519	48.35	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	249881	46.11	ug/l	99
28) Bromochloromethane	5.00	49	150076	39.99	ug/l	98
29) Tetrahydrofuran	5.11	42	514659	213.75	ug/l	99
30) Chloroform	5.19	83	396321	46.84	ug/l	99
31) Cyclohexane	5.56	56	361979	45.06	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	336585	47.06	ug/l	99
36) 1,1-Dichloropropene	5.79	75	298053	50.11	ug/l	99
37) Ethyl Acetate	4.81	43	312851	45.93	ug/l	100
38) Carbon Tetrachloride	5.77	117	288303	50.76	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	374876	50.31	ug/l	96
40) Benzene	6.13	78	903560	49.17	ug/l	100
41) Methacrylonitrile	5.02	41	179517	46.17	ug/l	99
42) 1,2-Dichloroethane	6.18	62	319152	50.29	ug/l	100
43) Isopropyl Acetate	6.43	43	521359	46.74	ug/l	99
44) Trichloroethene	7.20	130	251557	48.46	ug/l	98
45) 1,2-Dichloropropane	7.50	63	236620	49.98	ug/l	99
46) Dibromomethane	7.65	93	152665	49.79	ug/l	98
47) Bromodichloromethane	7.89	83	308431	51.29	ug/l	98
48) Methyl methacrylate	7.76	41	263595	49.46	ug/l	98
49) 1,4-Dioxane	7.73	88	90286	799.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1636242	232.41	ug/l	99
52) Toluene	8.78	92	569142	50.38	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	344399	53.19	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	377096	52.94	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	232663	50.31	ug/l	99
56) Ethyl methacrylate	9.17	69	364122	46.57	ug/l	99
57) 1,3-Dichloropropane	9.36	76	394249	49.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	596882	256.62	ug/l	98
59) 2-Hexanone	9.48	43	1214322	222.27	ug/l	99
60) Dibromochloromethane	9.57	129	250937	51.98	ug/l	100
61) 1,2-Dibromoethane	9.67	107	245027	50.11	ug/l	99
64) Tetrachloroethene	9.33	164	267650	45.86	ug/l	97
65) Chlorobenzene	10.13	112	621068	49.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	233410	50.20	ug/l	99
67) Ethyl Benzene	10.25	91	1095406	50.87	ug/l	100
68) m/p-Xylenes	10.35	106	839996	102.98	ug/l	100
69) o-Xylene	10.70	106	403267	51.21	ug/l	99
70) Styrene	10.70	104	701656	53.12	ug/l	99
71) Bromoform	10.85	173	193590	52.36	ug/l #	99
73) Isopropylbenzene	11.01	105	1090013	50.73	ug/l	100
74) N-amyl acetate	10.89	43	459401	48.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342182	44.61	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	407758	57.36	ug/l	91
77) Bromobenzene	11.25	156	286141	49.57	ug/l	95
78) n-propylbenzene	11.35	91	1244205	51.02	ug/l	100
79) 2-Chlorotoluene	11.42	91	726295	49.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	920986	51.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118202	47.32	ug/l	99
82) 4-Chlorotoluene	11.51	91	846740	50.40	ug/l	100
83) tert-Butylbenzene	11.76	119	867300	51.76	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	918781	51.37	ug/l	98
85) sec-Butylbenzene	11.94	105	1072902	52.27	ug/l	100
86) p-Isopropyltoluene	12.06	119	990975	52.24	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	504413	48.63	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	504656	48.57	ug/l	100
89) n-Butylbenzene	12.39	91	867721	52.52	ug/l	99
90) Hexachloroethane	12.59	117	175021	49.67	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	504713	48.99	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71689	43.50	ug/l	95

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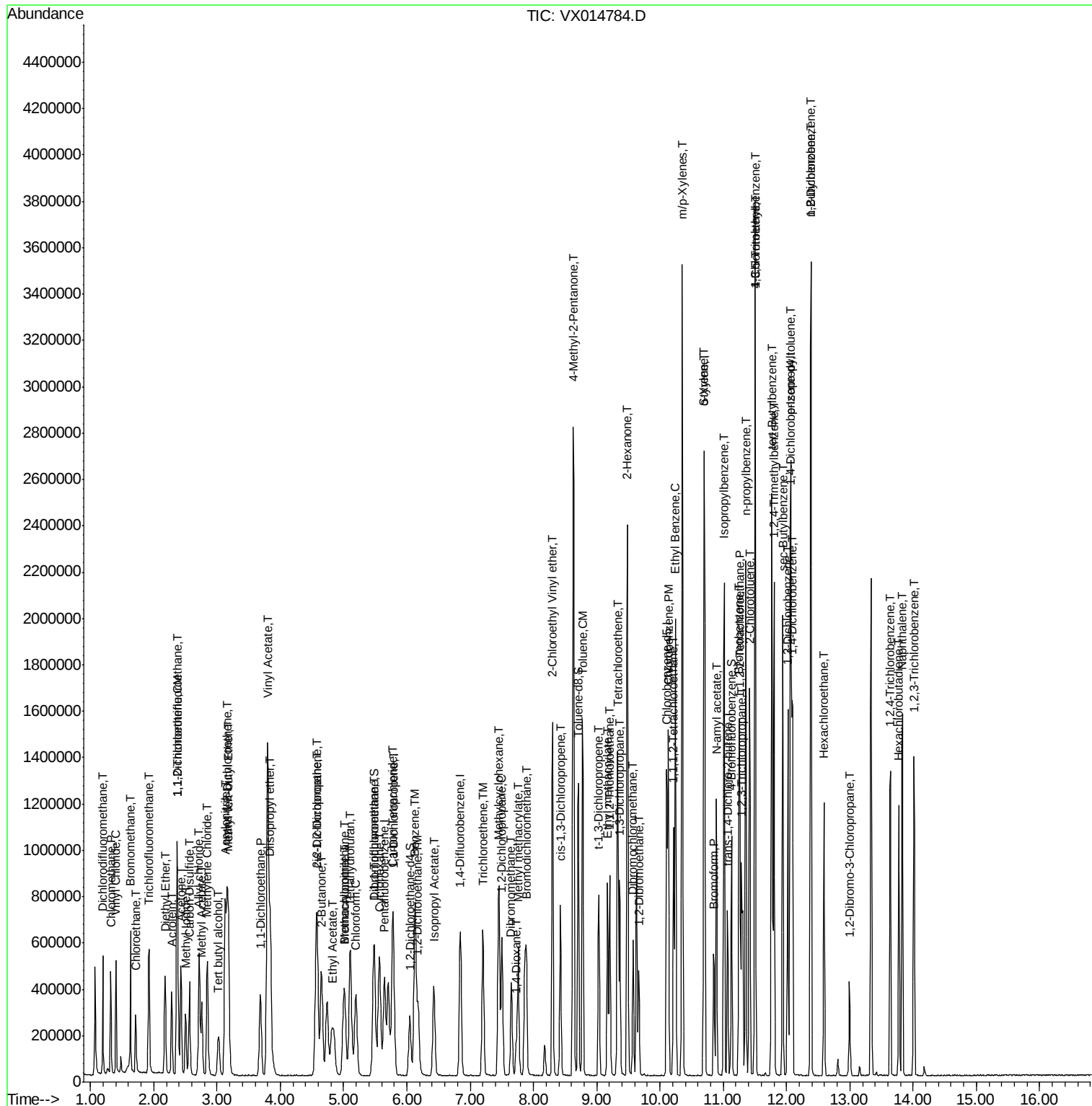
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

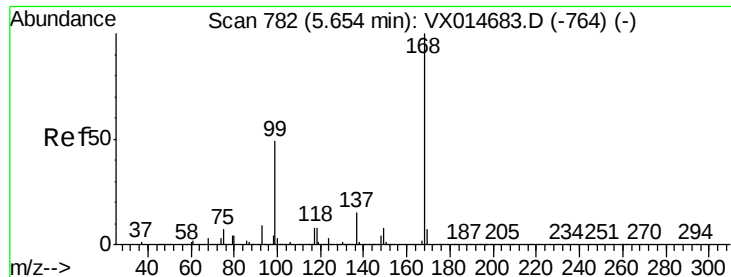
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	342948	51.63	ug/l	99
94) Hexachlorobutadiene	13.78	225	179405	52.48	ug/l	98
95) Naphthalene	13.83	128	967643	45.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	343255	51.11	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

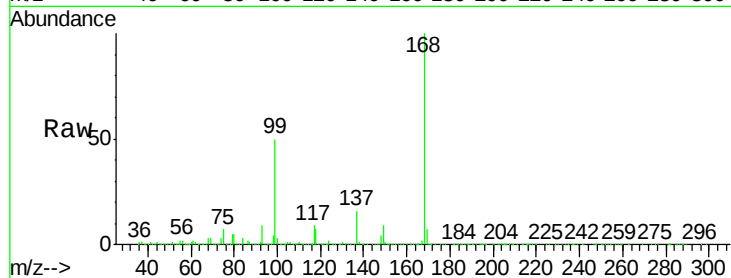
VSTDCCC050EC

Tgt Ion:168 Resp: 442410

Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

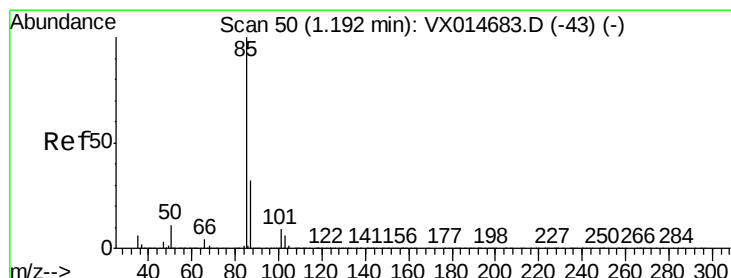
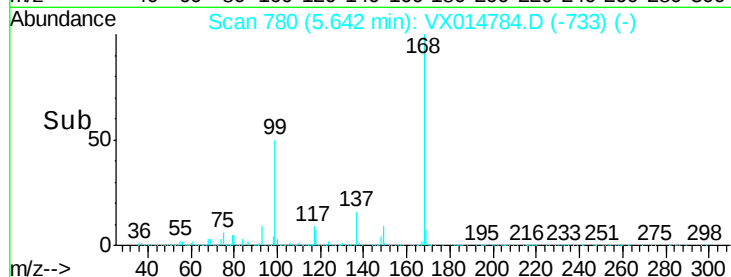
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.29 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014784.D

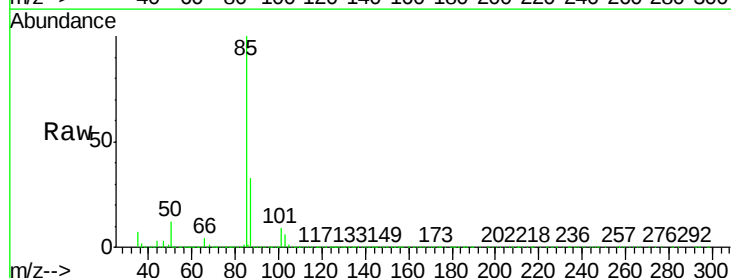
Acq: 31 Jan 2020 17:02

Tgt Ion: 85 Resp: 262665

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

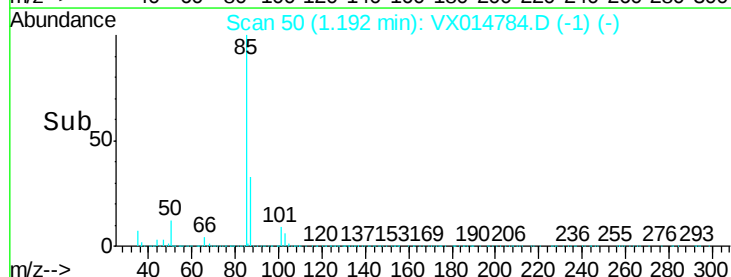
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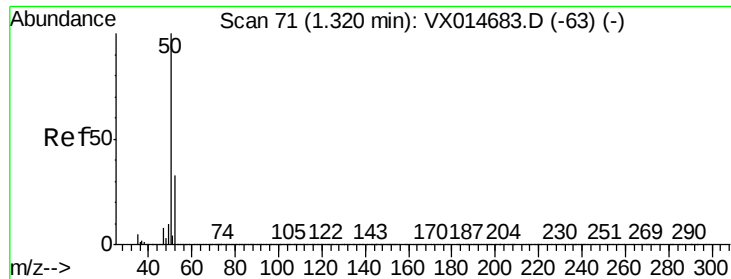
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50000

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Time-->

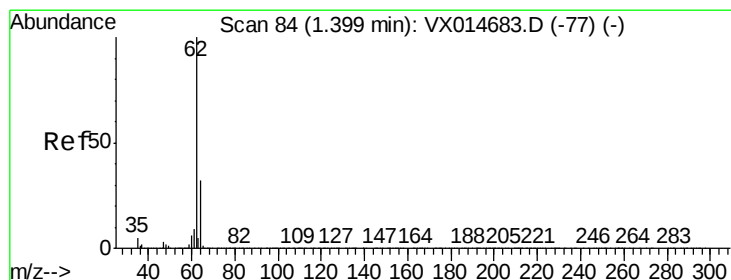
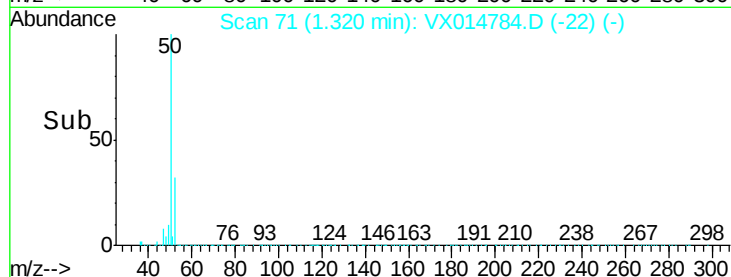
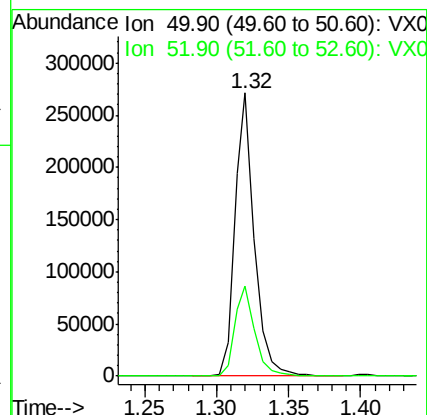
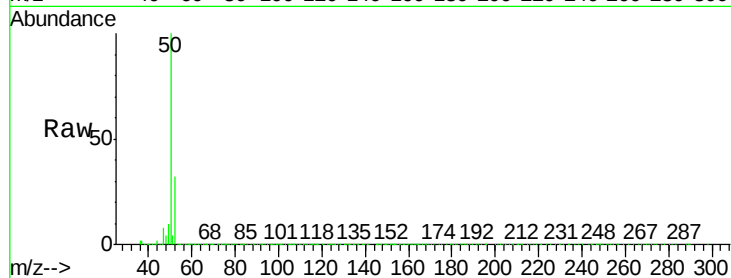




#3
Chloromethane
Concen: 42.73 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

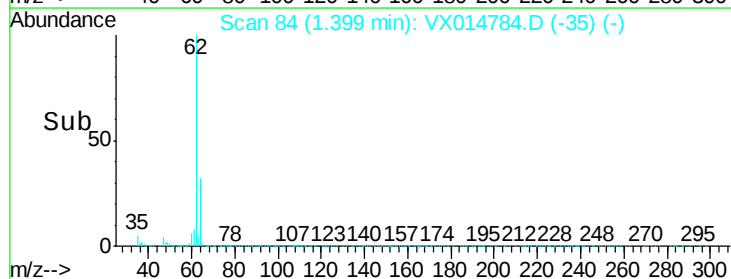
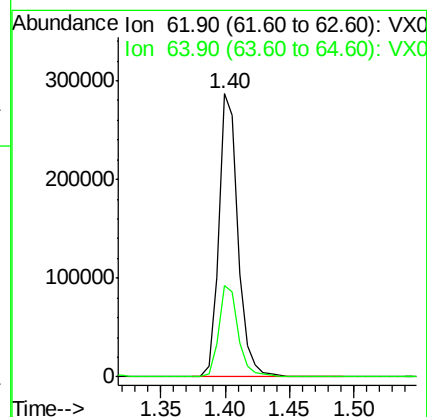
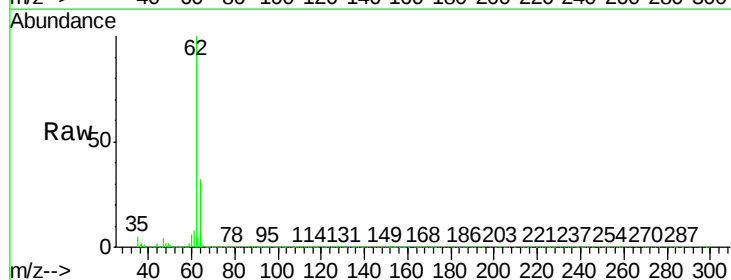
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

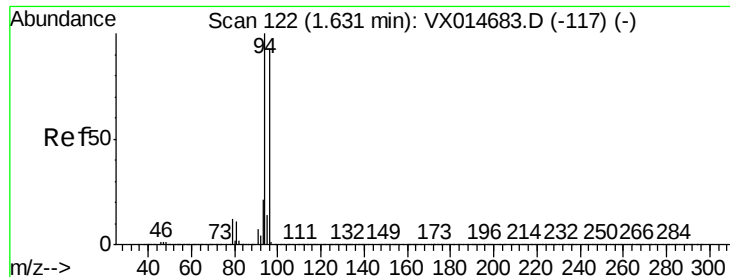
Tgt Ion: 50 Resp: 255754
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 46.50 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 62 Resp: 300907
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





#5

Bromomethane

Concen: 43.62 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

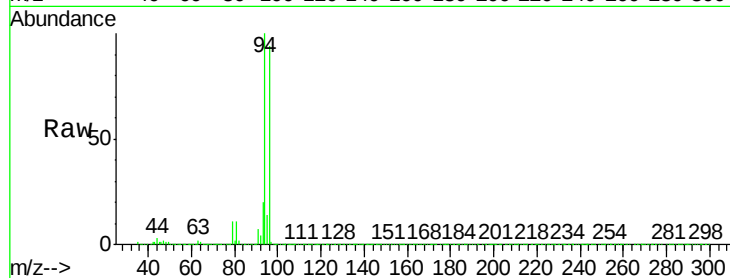
VSTDCCC050EC

Tgt Ion: 94 Resp: 191732

Ion Ratio Lower Upper

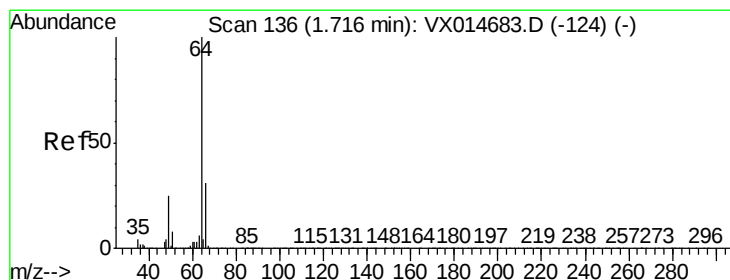
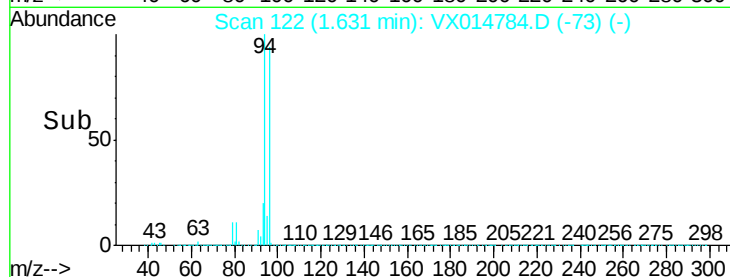
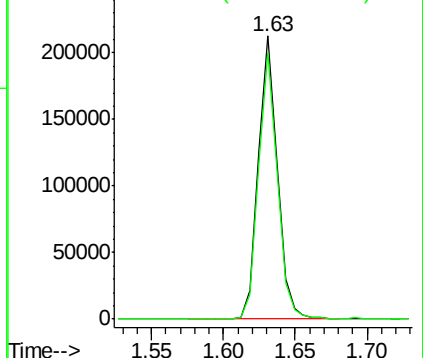
94 100

96 94.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.66 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014784.D

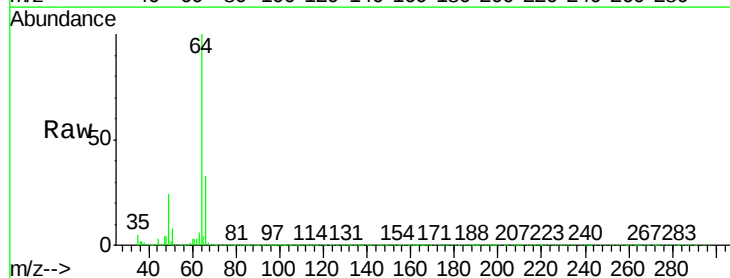
Acq: 31 Jan 2020 17:02

Tgt Ion: 64 Resp: 165897

Ion Ratio Lower Upper

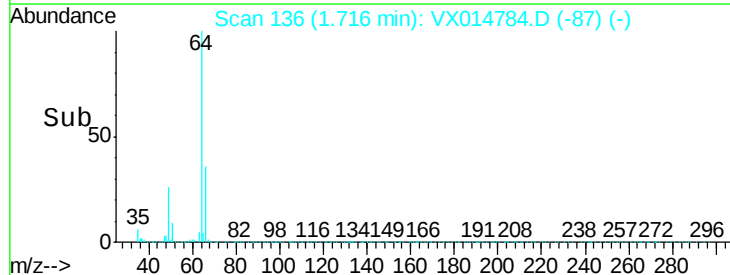
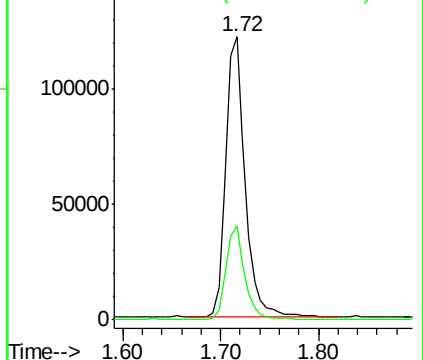
64 100

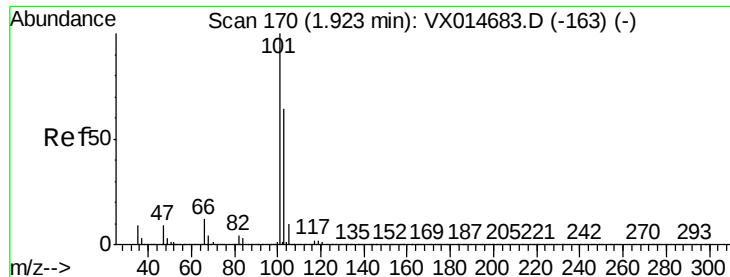
66 33.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



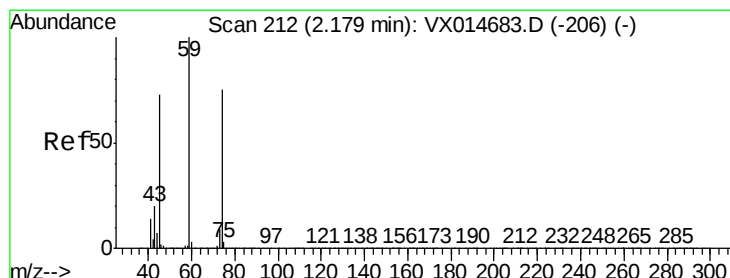
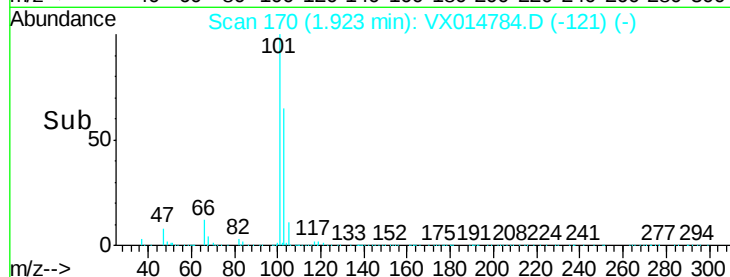
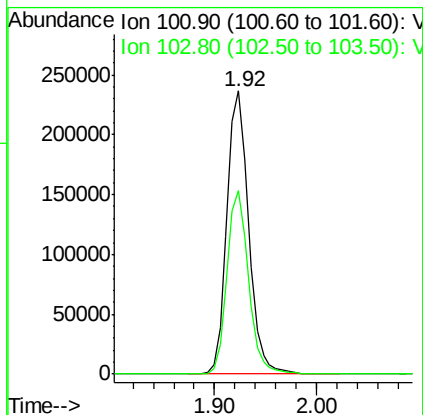
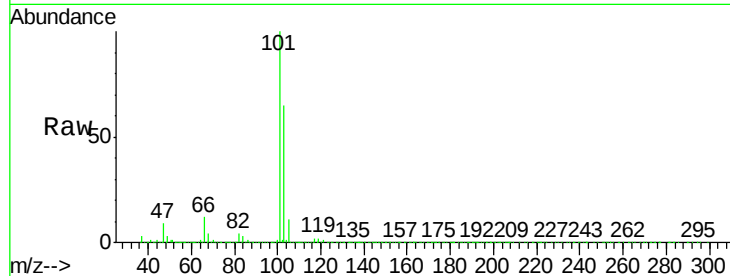


#7

Trichlorofluoromethane
Concen: 46.07 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

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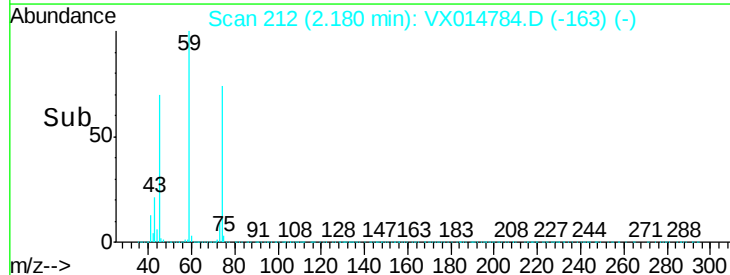
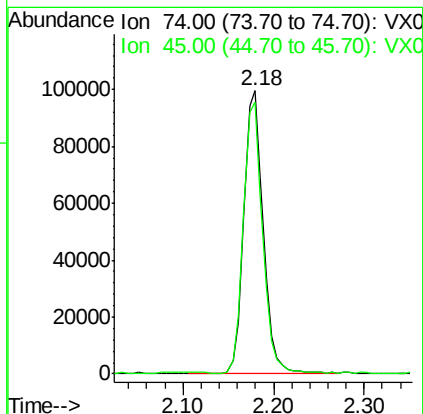
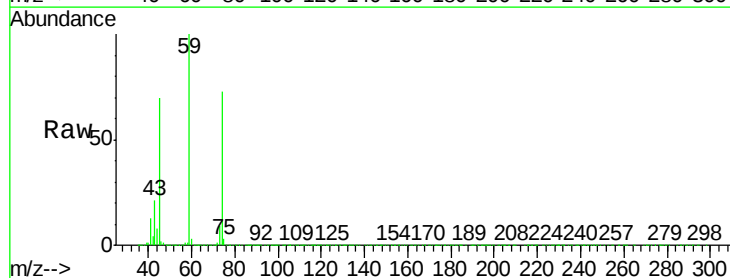
Tgt Ion:101 Resp: 347159
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

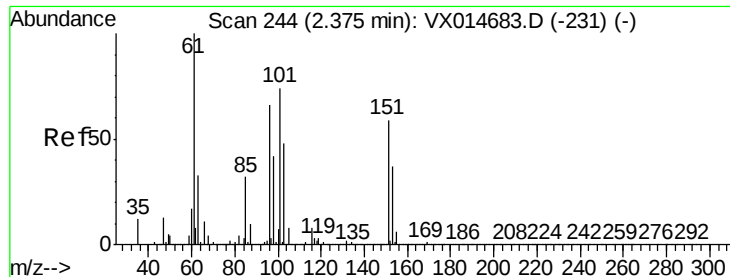


#8

Diethyl Ether
Concen: 44.89 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 74 Resp: 147654
Ion Ratio Lower Upper
74 100
45 94.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.18 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

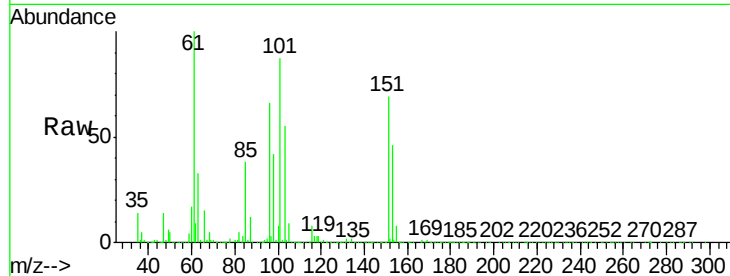
Tgt Ion:101 Resp: 208701

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

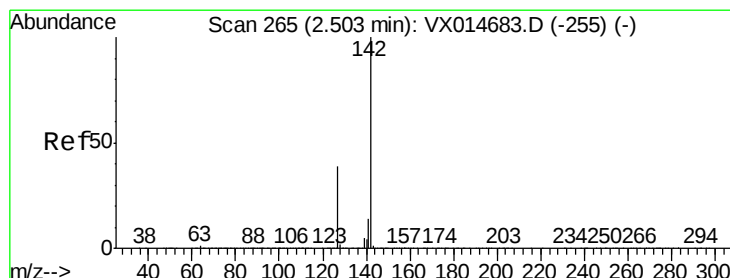
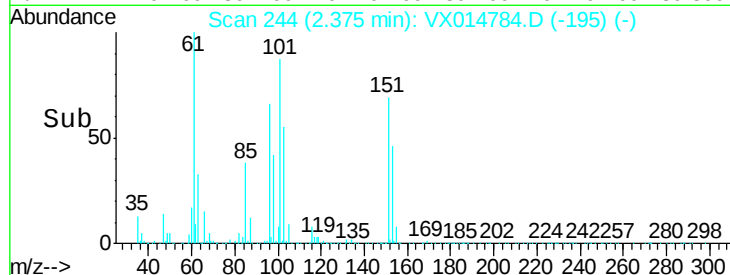
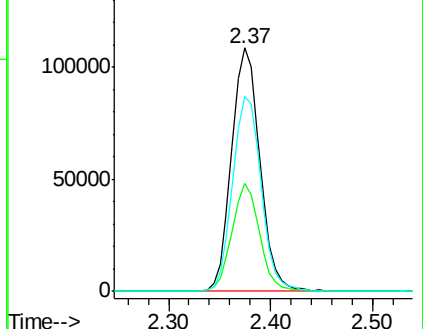
151 81.0 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.90 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

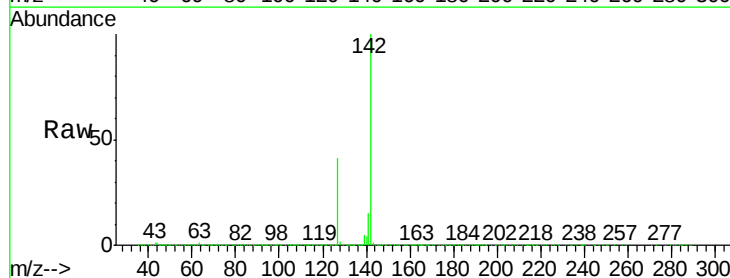
Tgt Ion:142 Resp: 272242

Ion Ratio Lower Upper

142 100

127 40.4 31.1 46.7

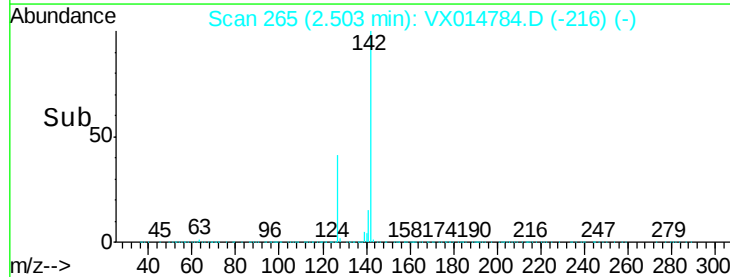
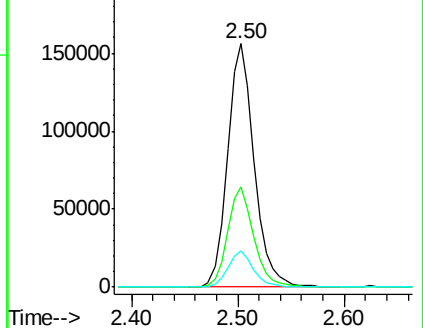
141 14.3 11.3 16.9

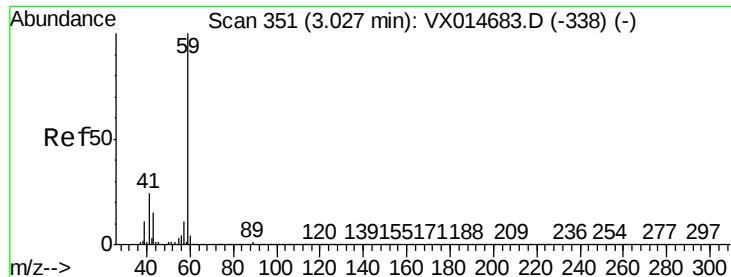


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

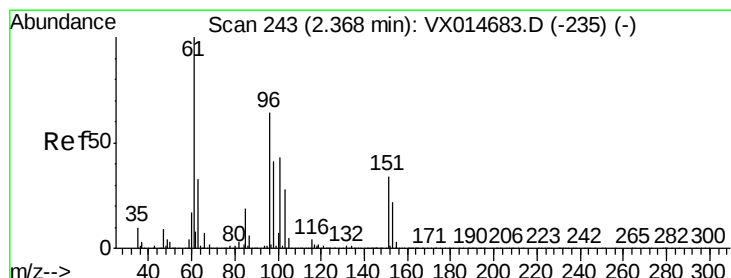
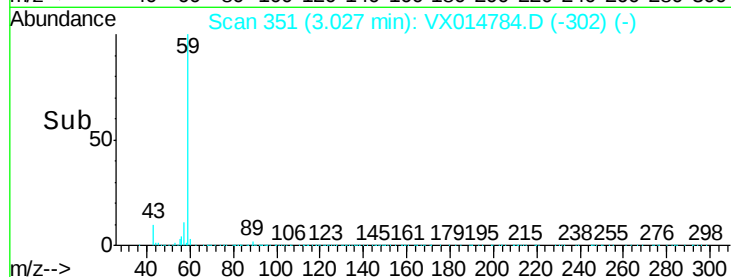
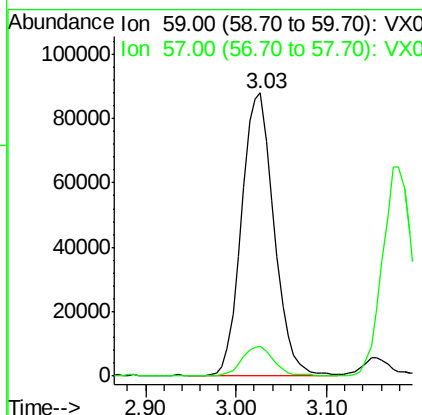
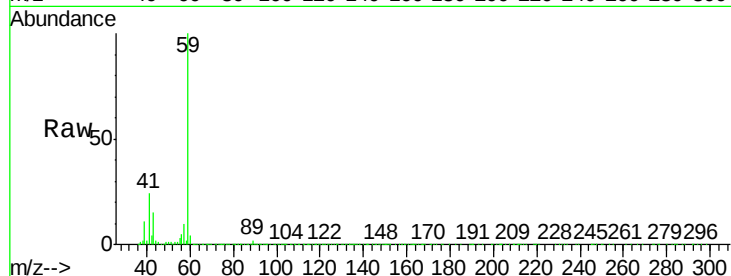




#11
Tert butyl alcohol
Concen: 187.48 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

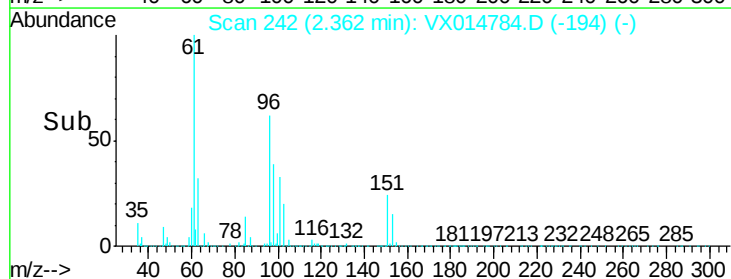
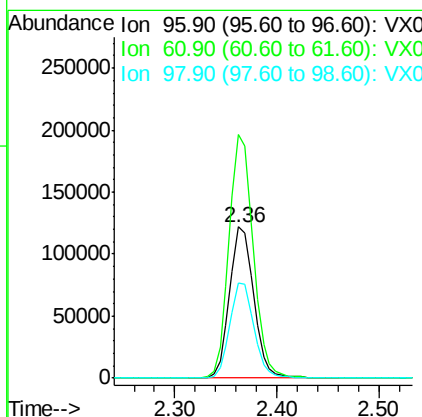
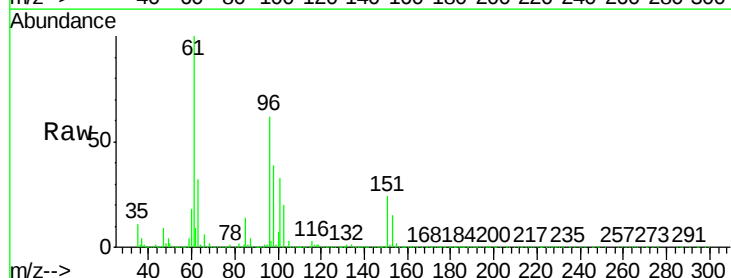
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

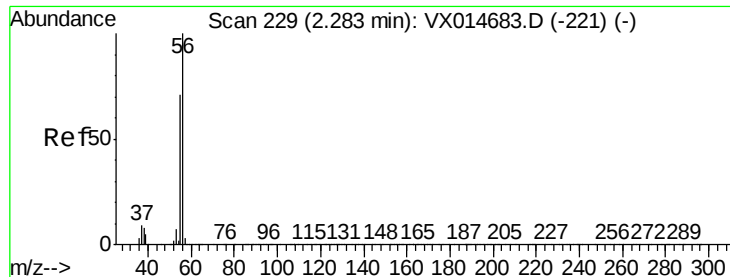
Tgt Ion: 59 Resp: 217451
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.48 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 96 Resp: 200040
Ion Ratio Lower Upper
96 100
61 161.1 125.8 188.8
98 62.8 51.5 77.3





#13

Acrolein

Concen: 273.23 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

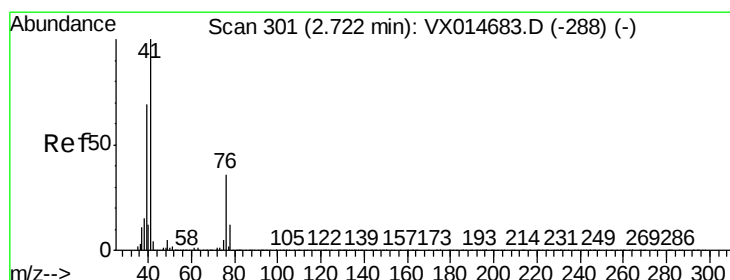
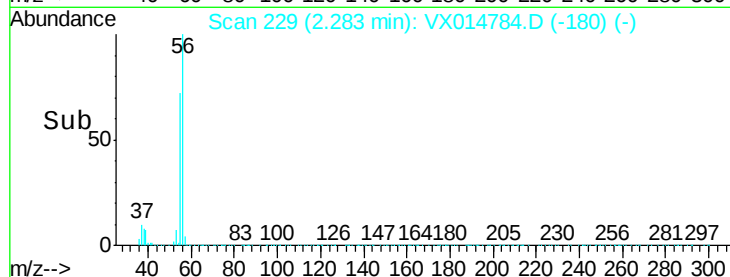
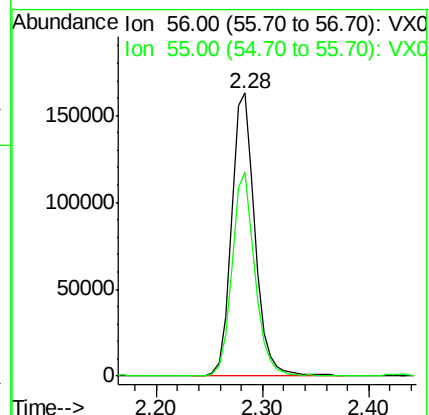
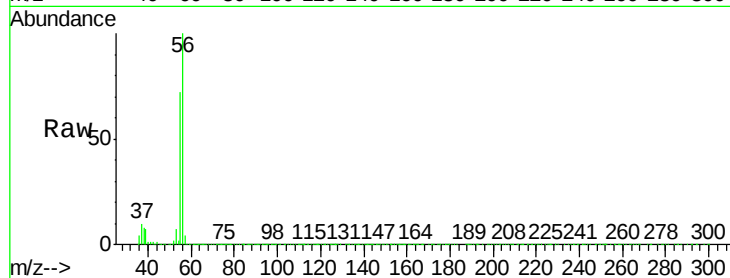
VSTDCCC050EC

Tgt Ion: 56 Resp: 249880

Ion Ratio Lower Upper

56 100

55 70.3 56.6 84.8



#14

Allyl chloride

Concen: 45.21 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

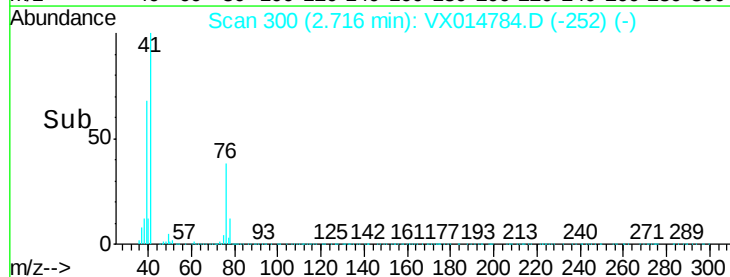
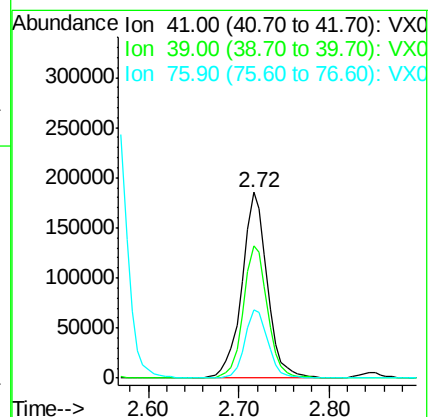
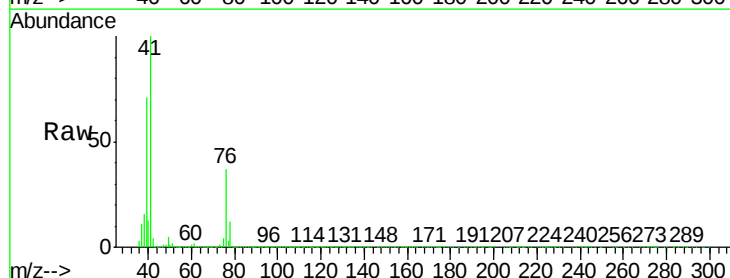
Tgt Ion: 41 Resp: 357414

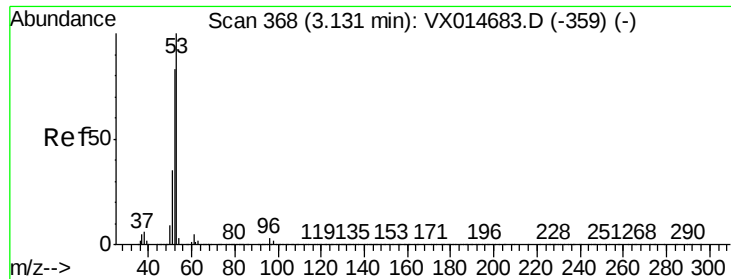
Ion Ratio Lower Upper

41 100

39 67.8 52.0 78.0

76 33.3 26.0 39.0

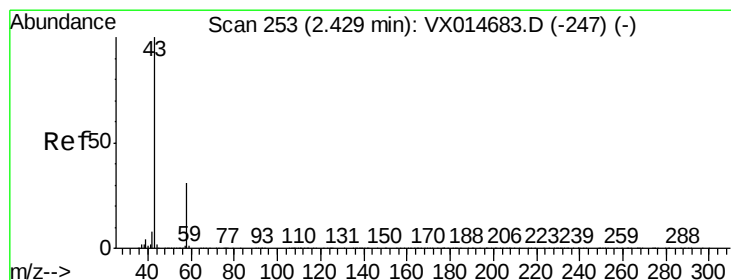
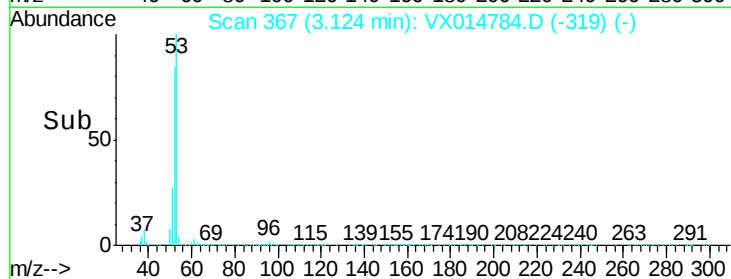
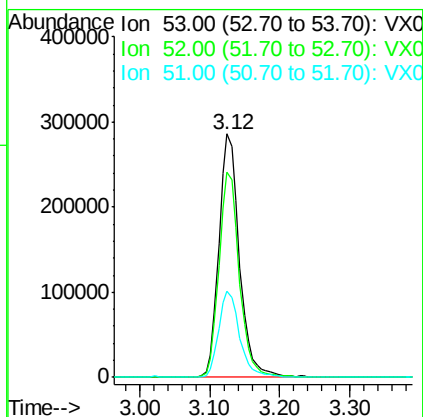
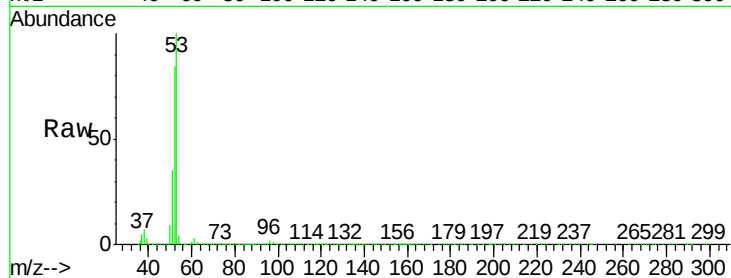




#15
 Acrylonitrile
 Concen: 217.28 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

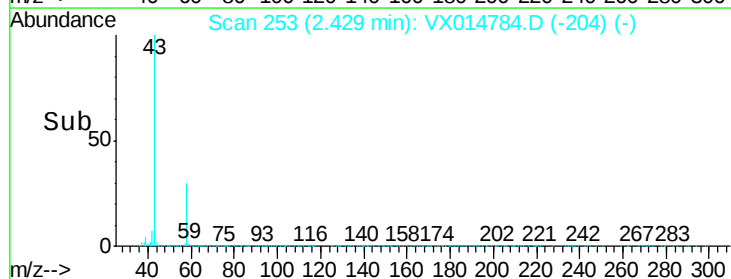
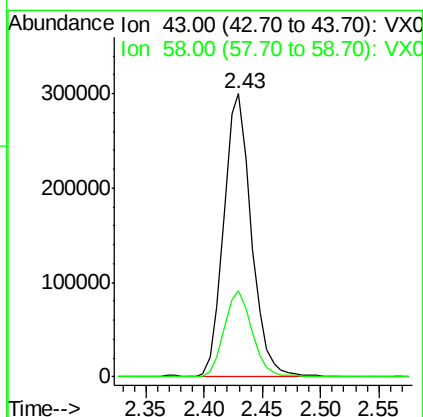
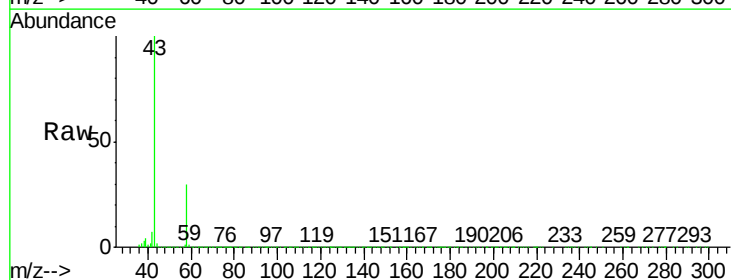
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

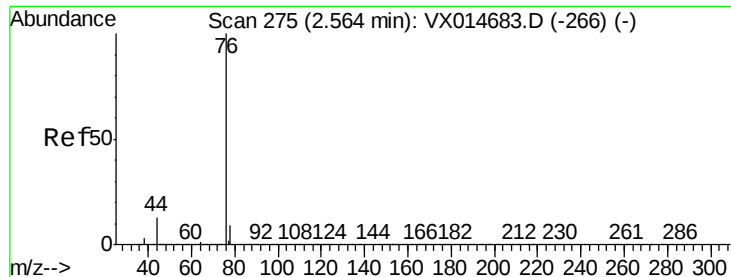
Tgt Ion:	53	Resp:	583110
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	36.2	28.7	43.1



#16
 Acetone
 Concen: 172.48 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion:	43	Resp:	488253
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7





#17

Carbon Disulfide

Concen: 42.30 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

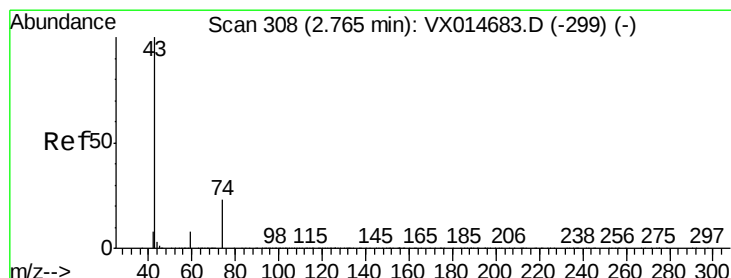
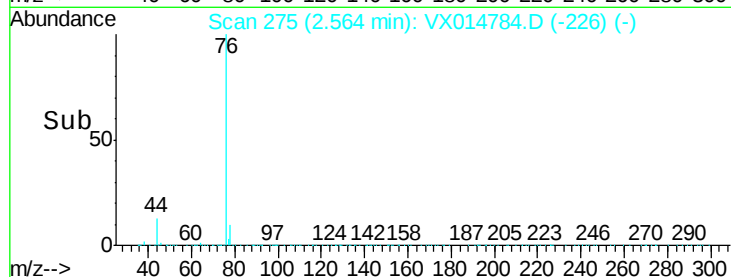
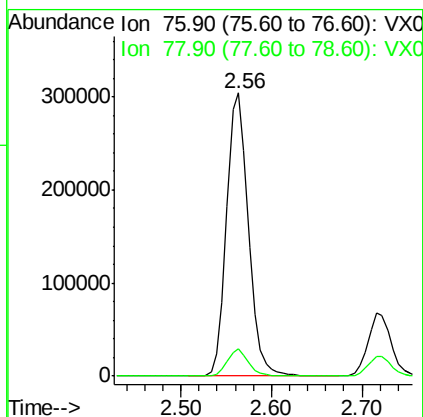
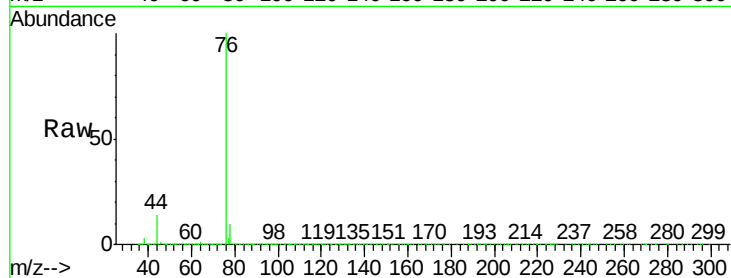
VSTDCCC050EC

Tgt Ion: 76 Resp: 508471

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 44.74 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014784.D

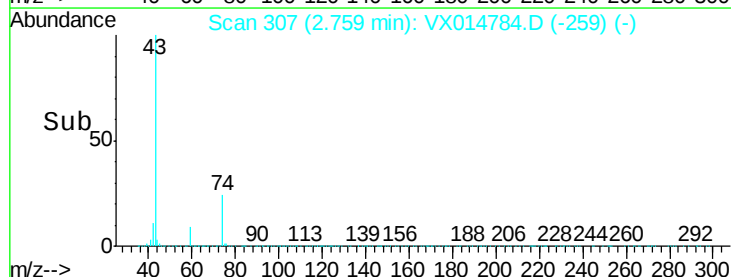
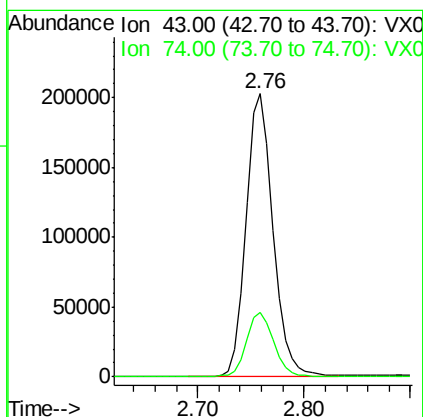
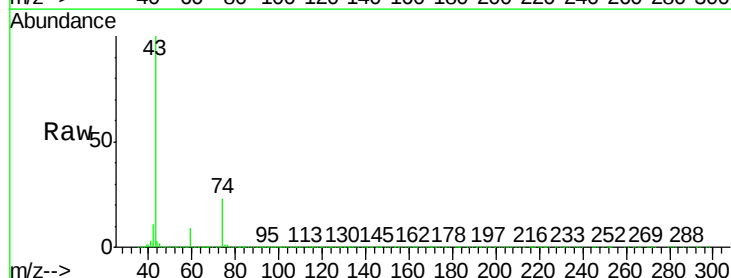
Acq: 31 Jan 2020 17:02

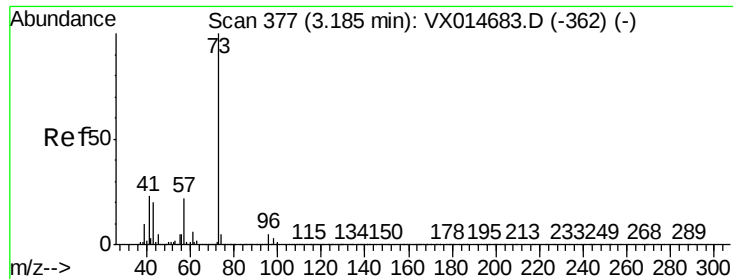
Tgt Ion: 43 Resp: 361595

Ion Ratio Lower Upper

43 100

74 23.7 18.5 27.7

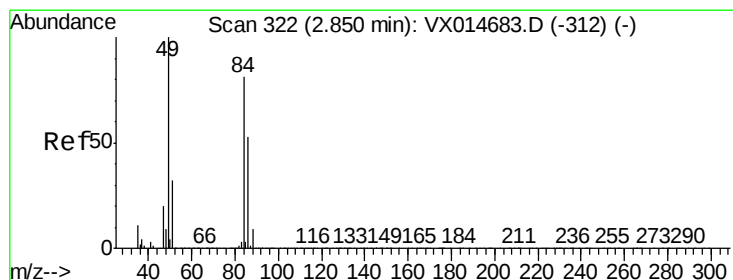
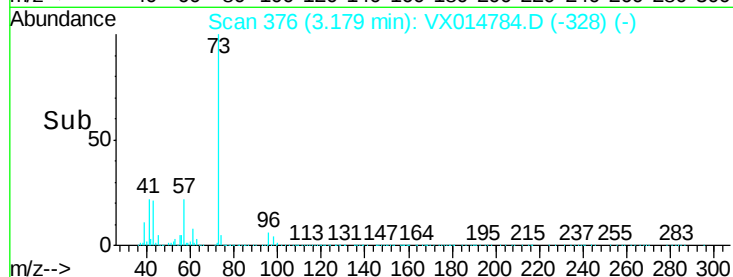
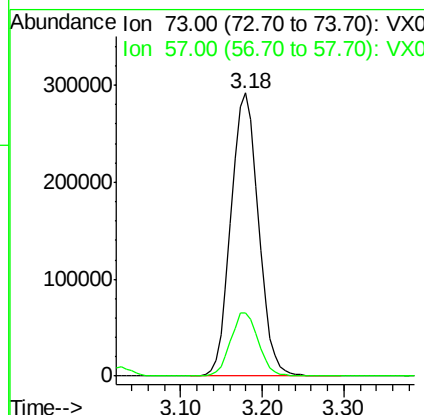
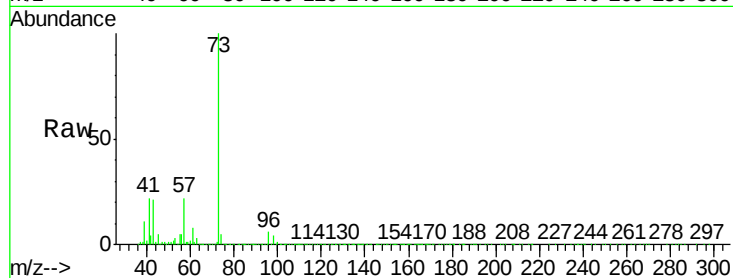




#19
Methyl tert-butyl Ether
Concen: 47.15 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

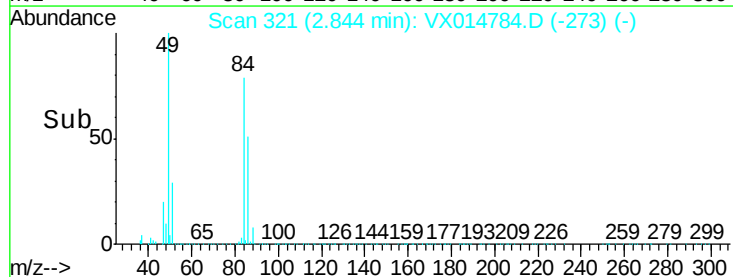
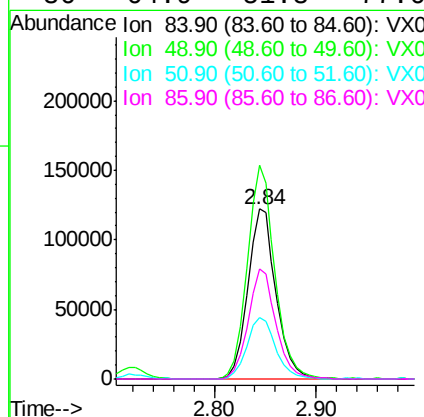
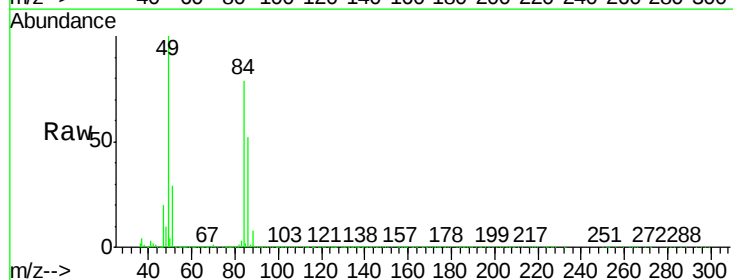
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

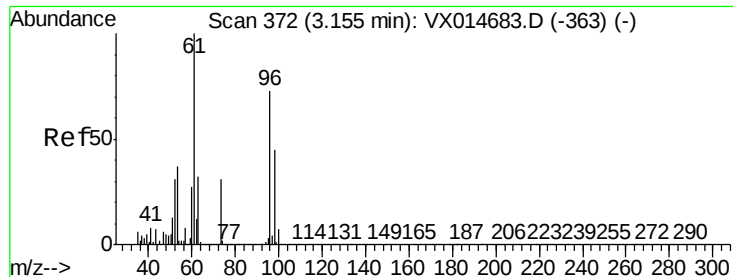
Tgt Ion: 73 Resp: 679177
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 44.47 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 84 Resp: 232987
Ion Ratio Lower Upper
84 100
49 125.8 98.2 147.4
51 36.5 31.3 46.9
86 64.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 44.32 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

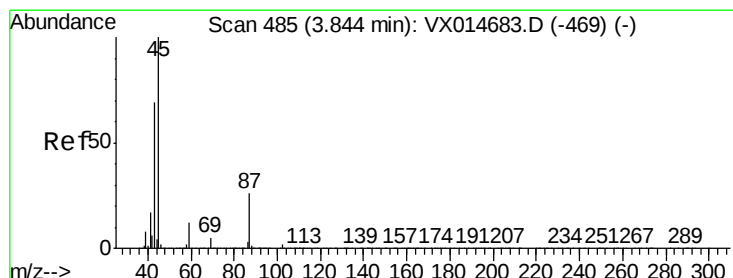
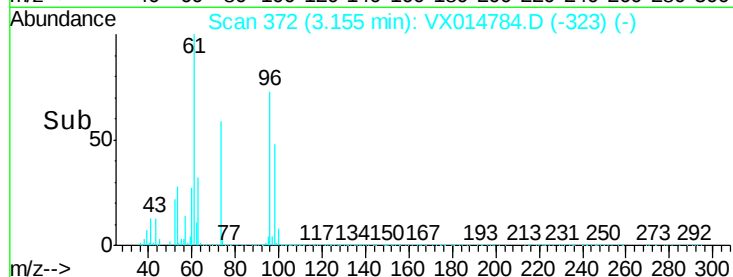
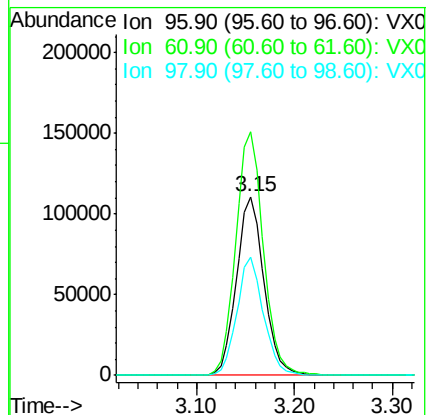
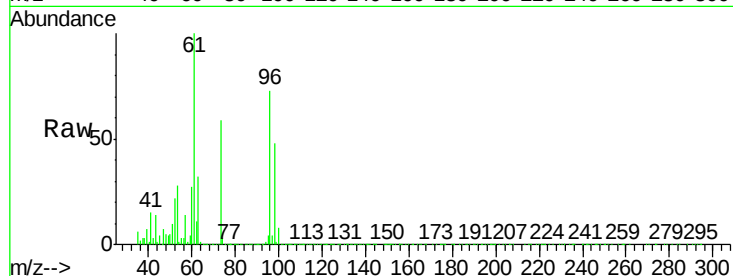
Tgt Ion: 96 Resp: 214606

Ion Ratio Lower Upper

96 100

61 136.3 109.8 164.6

98 65.7 49.6 74.4



#22

Diisopropyl ether

Concen: 47.26 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion: 45 Resp: 743260

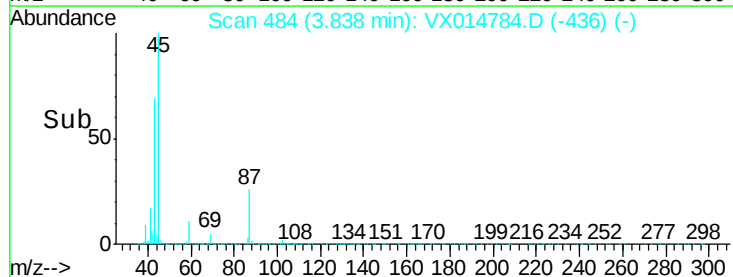
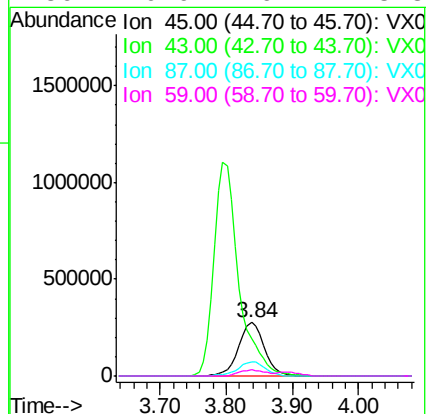
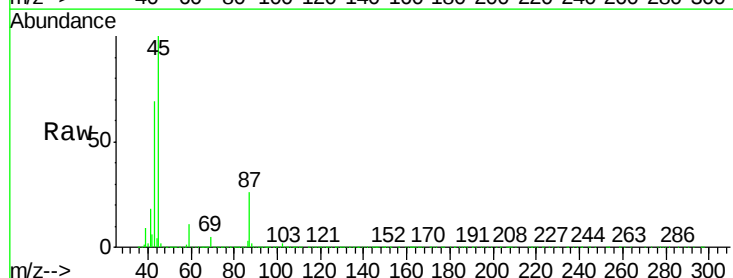
Ion Ratio Lower Upper

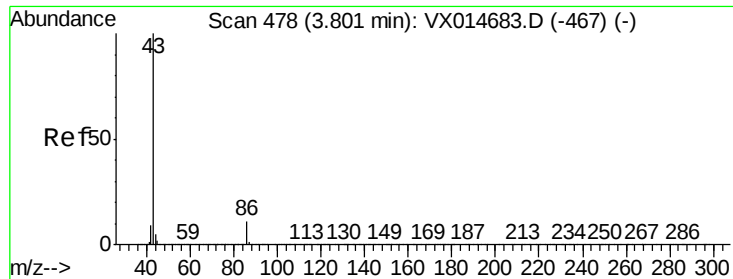
45 100

43 69.1 55.1 82.7

87 25.8 20.7 31.1

59 10.9 9.2 13.8





#23

Vinyl Acetate

Concen: 240.19 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

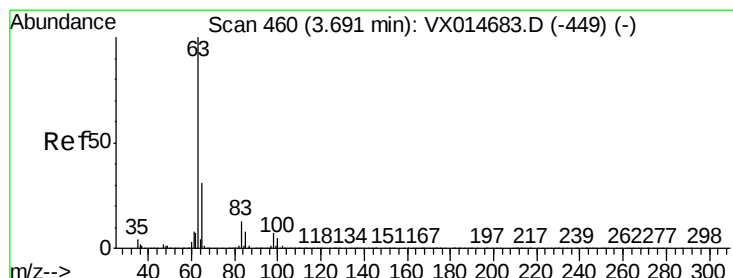
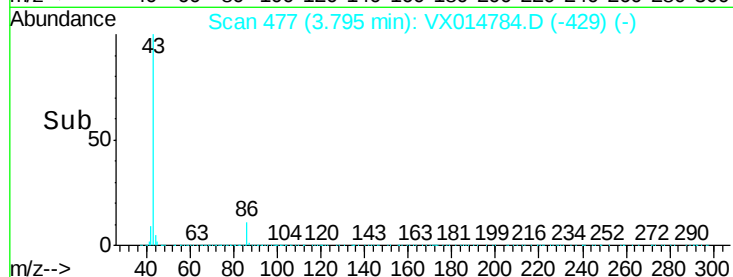
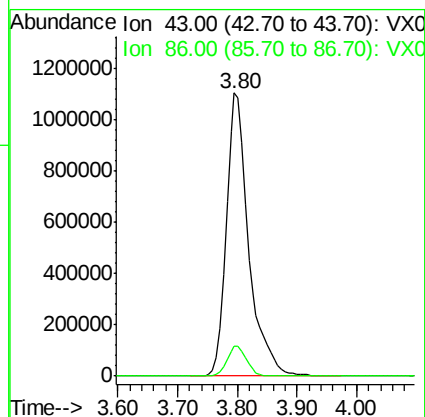
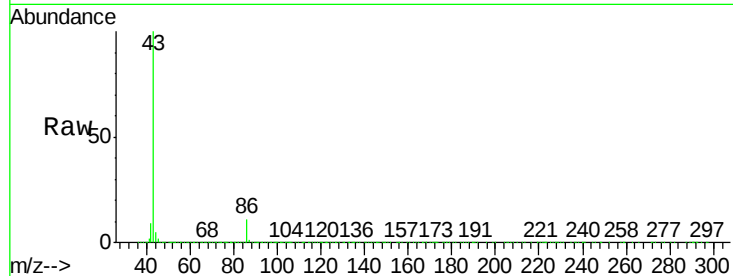
VSTDCCC050EC

Tgt Ion: 43 Resp: 2879638

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



#24

1,1-Dichloroethane

Concen: 46.60 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

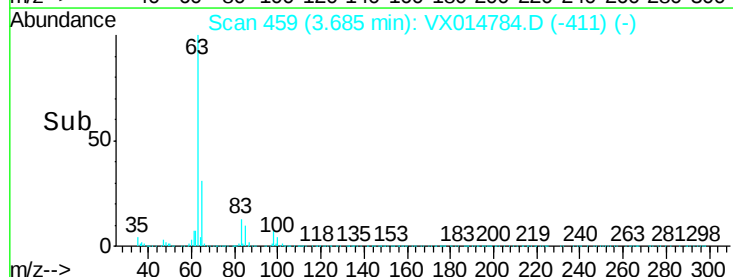
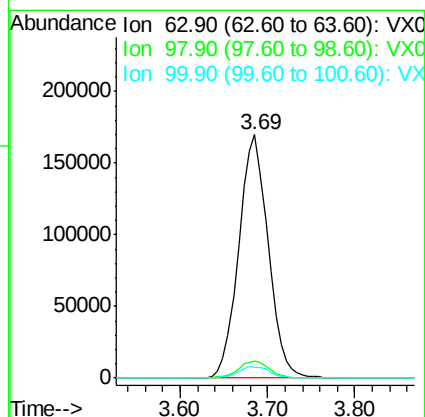
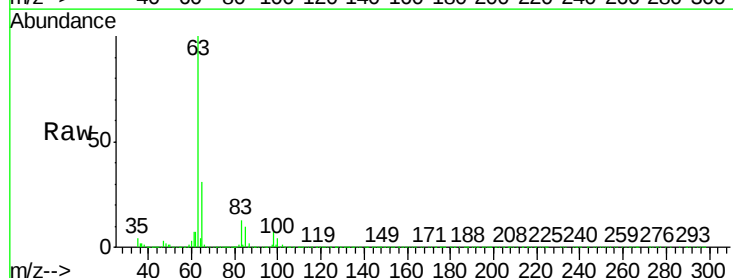
Tgt Ion: 63 Resp: 398015

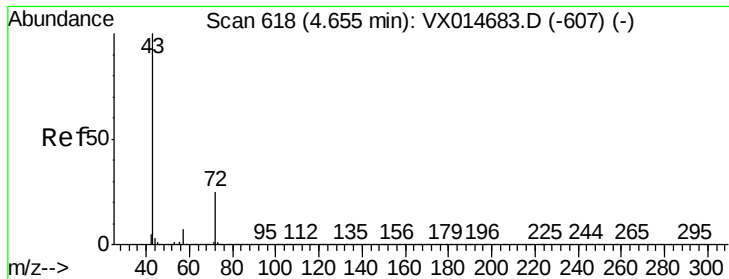
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.2 2.2 6.6

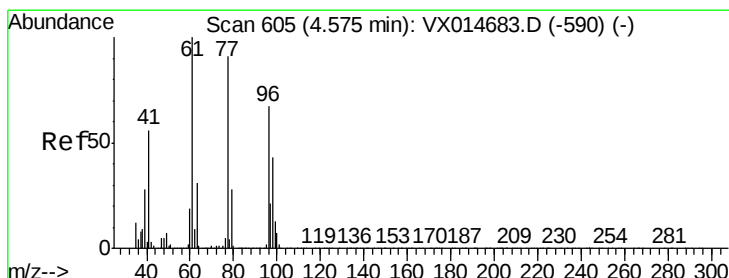
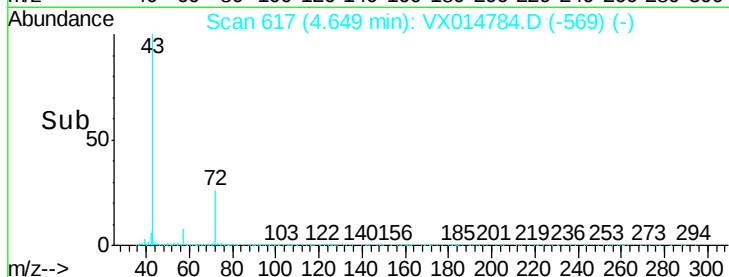
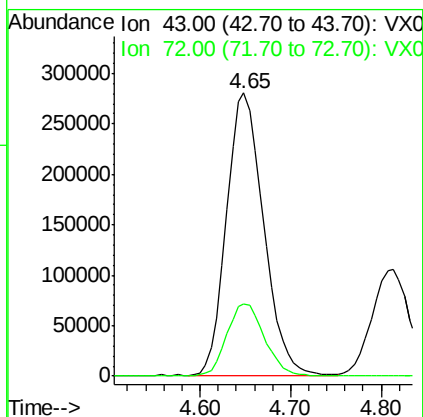
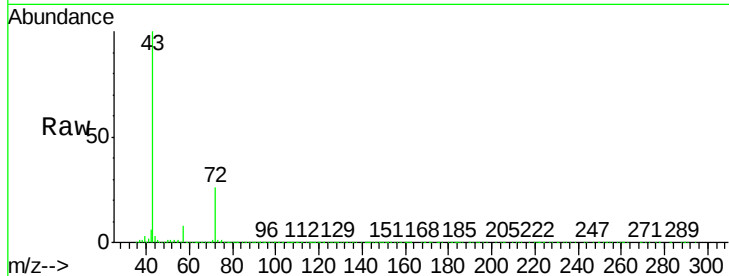




#25
2-Butanone
Concen: 195.45 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

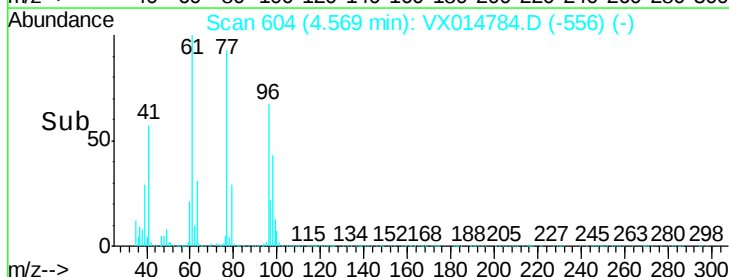
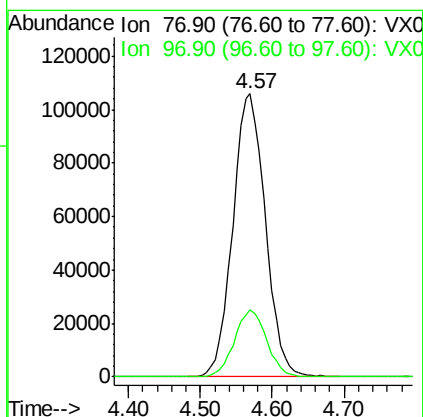
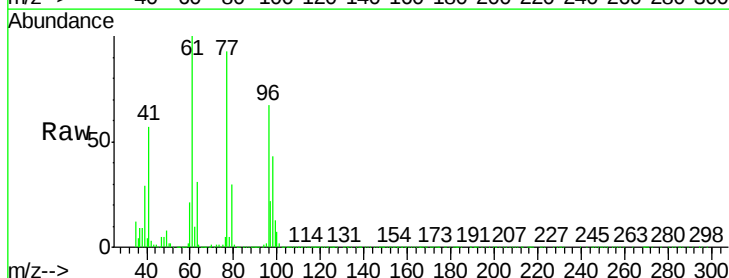
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

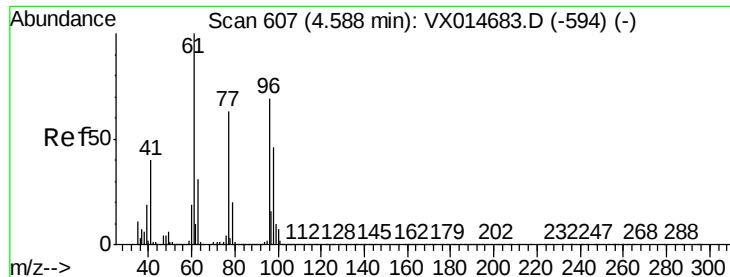
Tgt Ion: 43 Resp: 792893
Ion Ratio Lower Upper
43 100
72 25.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 48.35 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 77 Resp: 330519
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 46.11 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

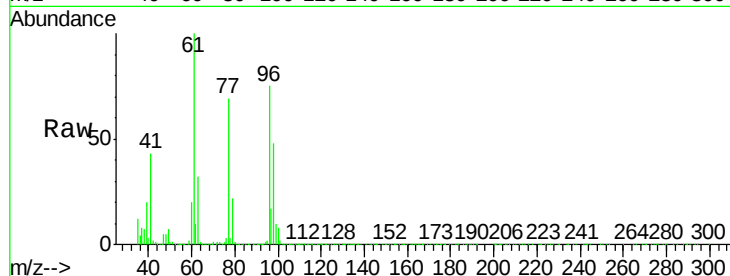
Tgt Ion: 96 Resp: 249881

Ion Ratio Lower Upper

96 100

61 143.9 0.0 291.0

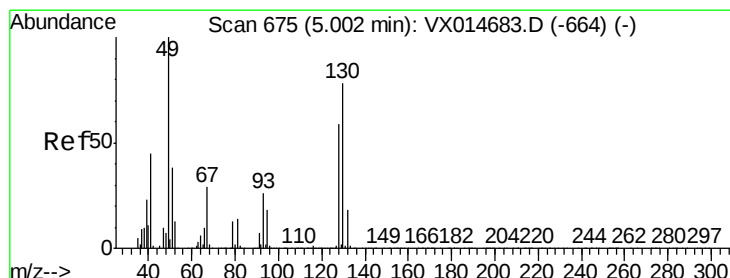
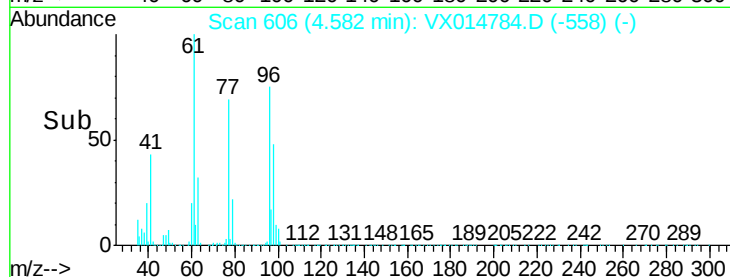
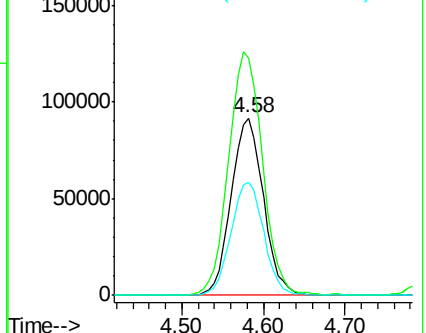
98 64.7 0.0 129.8



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



#28

Bromochloromethane

Concen: 39.99 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

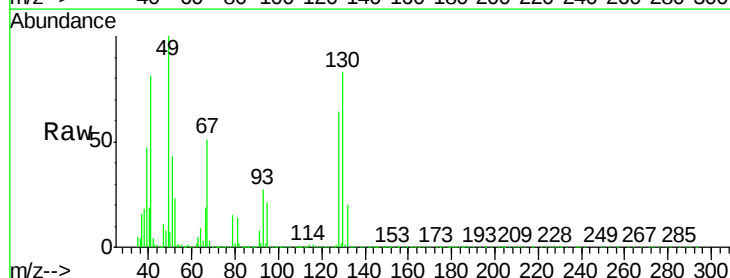
Tgt Ion: 49 Resp: 150076

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

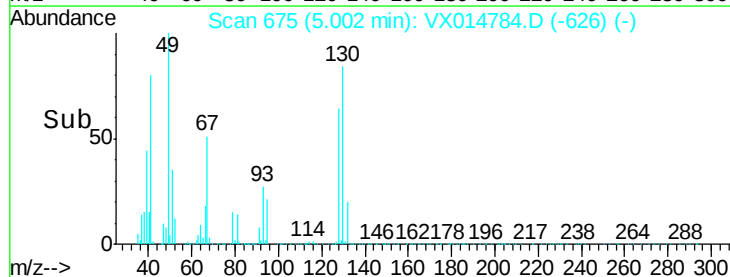
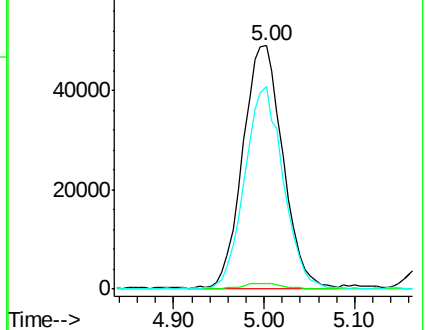
130 79.7 62.4 93.6

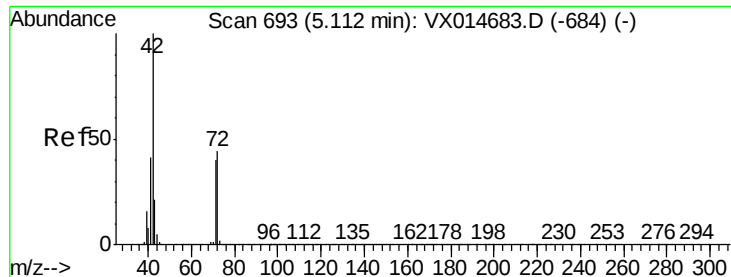


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

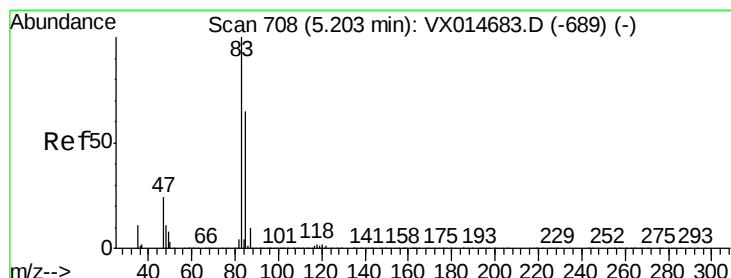
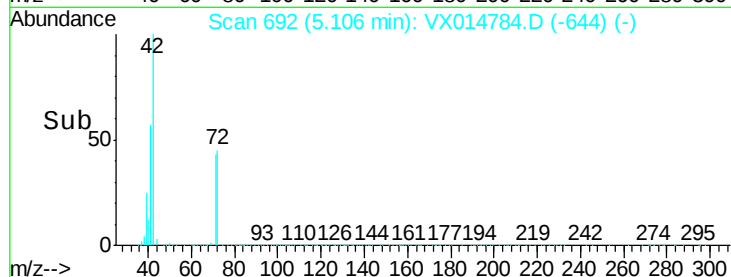
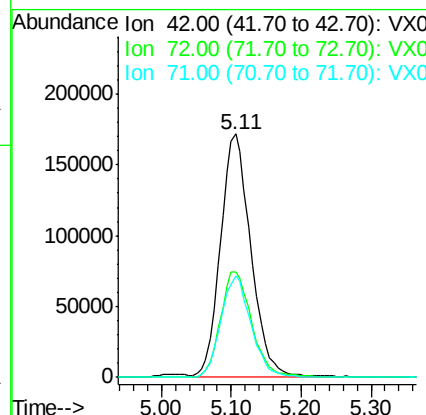
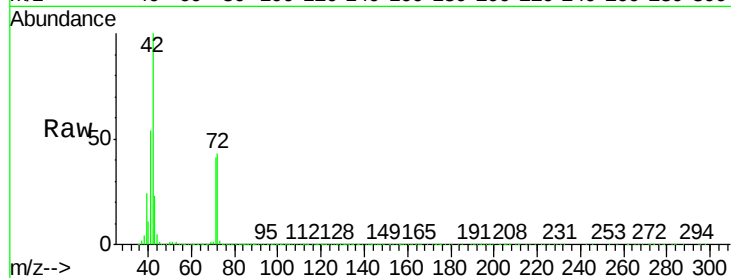




#29
Tetrahydrofuran
Concen: 213.75 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

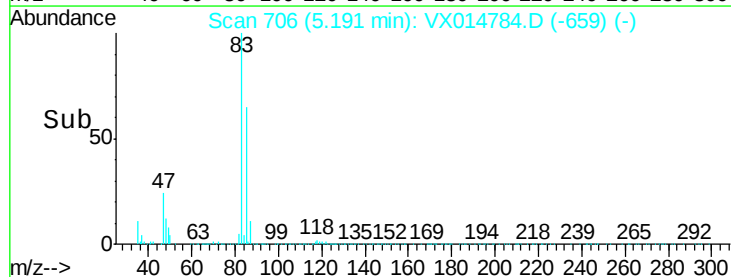
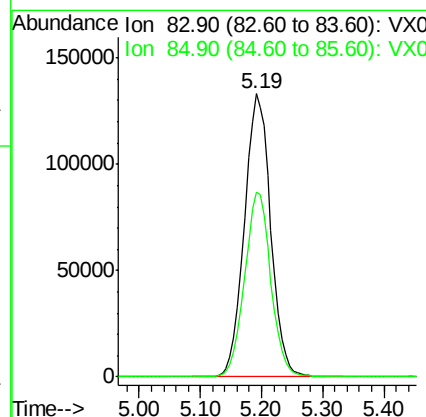
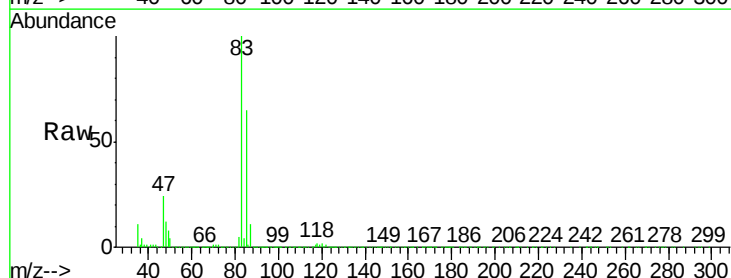
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

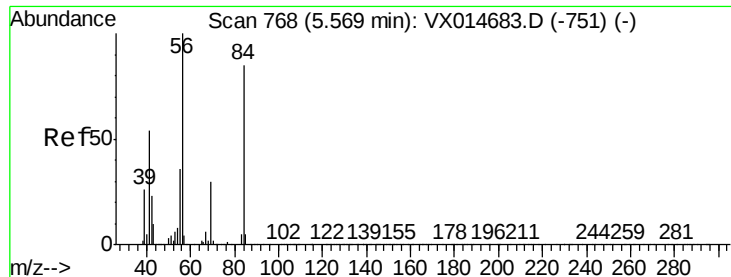
Tgt Ion: 42 Resp: 514659
Ion Ratio Lower Upper
42 100
72 45.1 35.3 52.9
71 41.5 33.1 49.7



#30
Chloroform
Concen: 46.84 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 83 Resp: 396321
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5

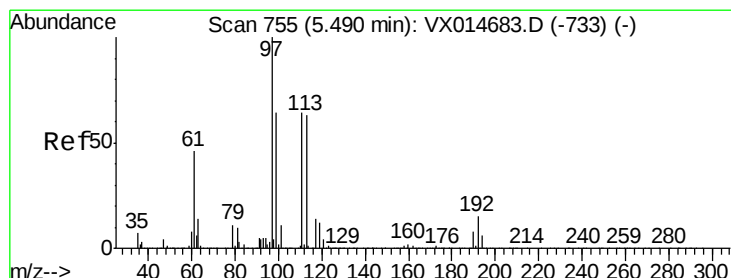
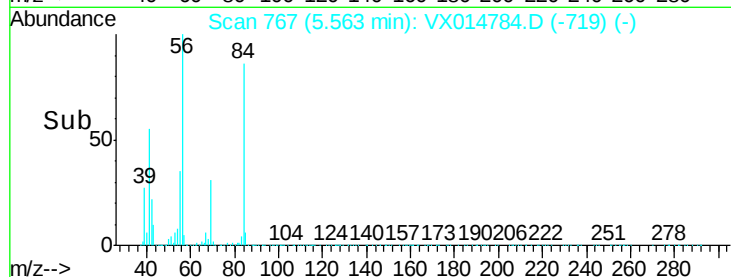
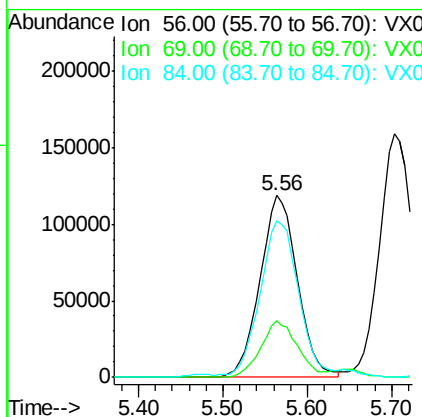
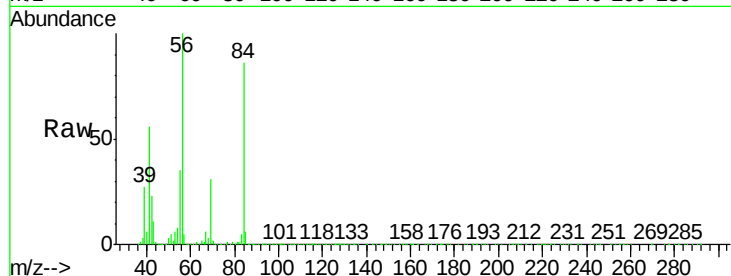




#31
Cyclohexane
Concen: 45.06 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

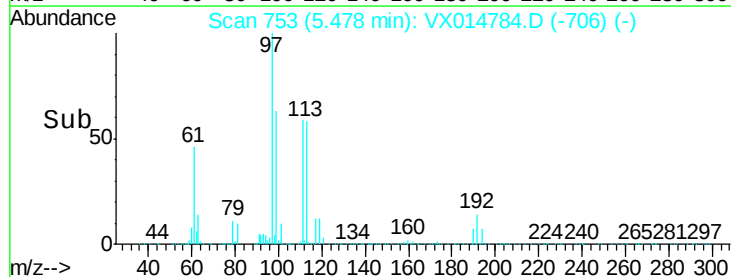
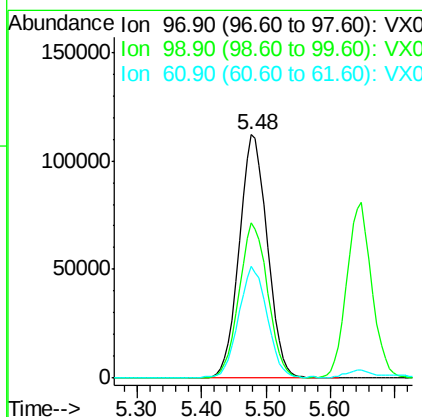
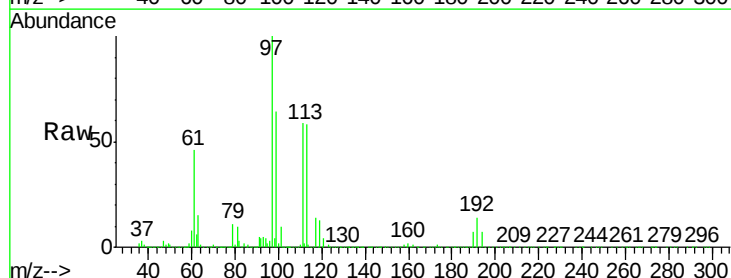
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

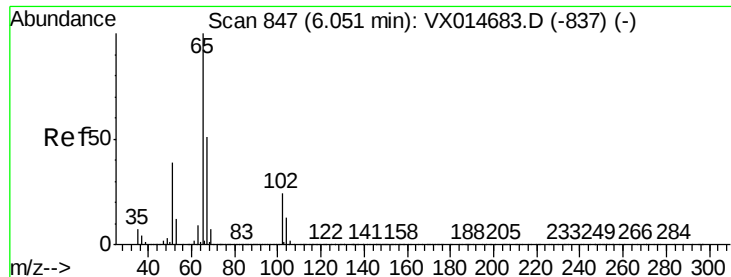
Tgt Ion: 56 Resp: 361979
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 85.0 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.06 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 97 Resp: 336585
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 46.0 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 46.11 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

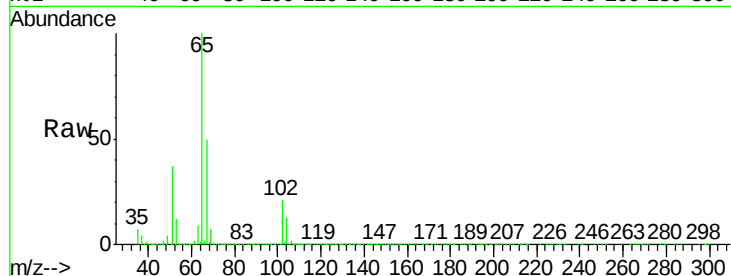
VSTDCCC050EC

Tgt Ion: 65 Resp: 238228

Ion Ratio Lower Upper

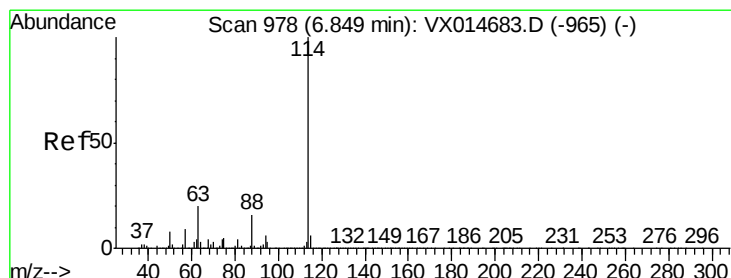
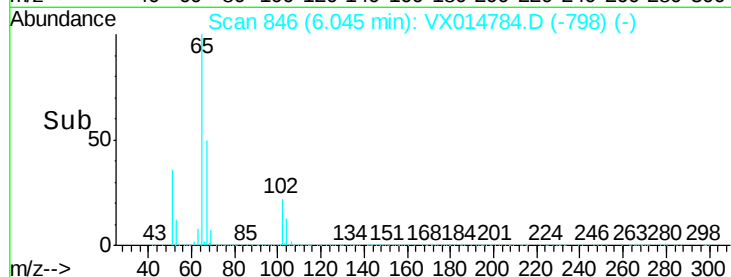
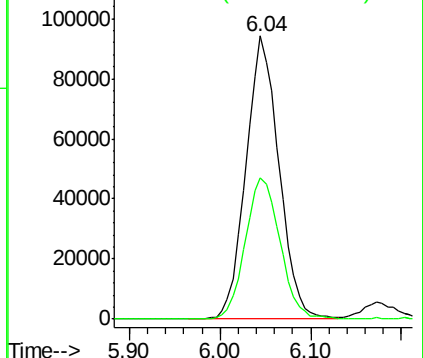
65 100

67 52.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

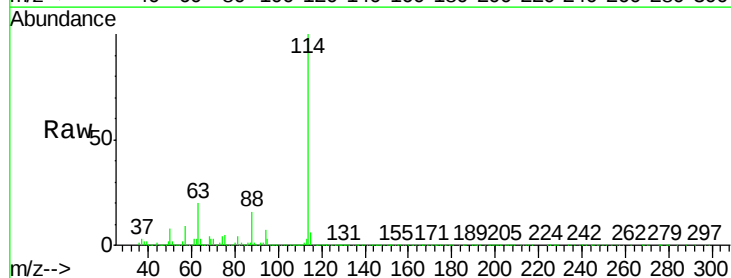
Tgt Ion: 114 Resp: 640078

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

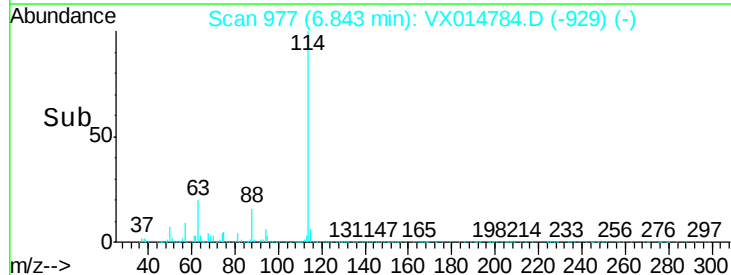
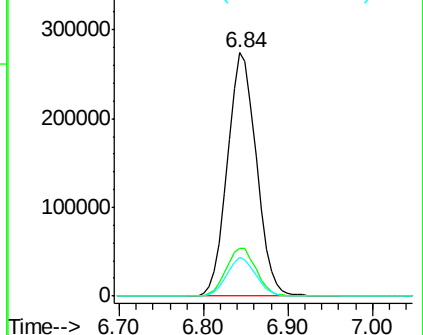
88 15.7 0.0 31.2

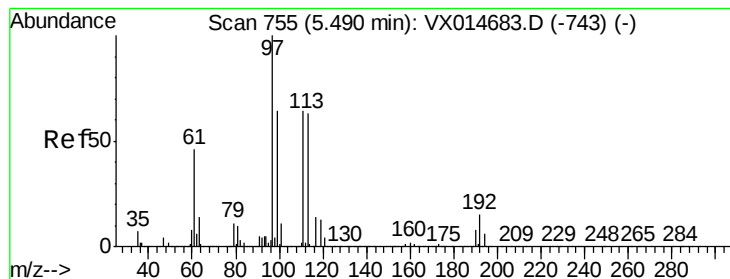


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.00 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

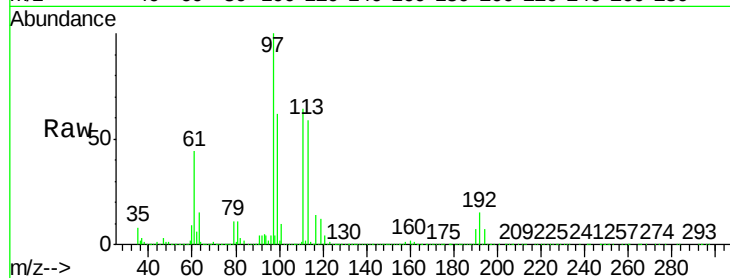
Tgt Ion: 113 Resp: 193876

Ion Ratio Lower Upper

113 100

111 103.8 80.7 121.1

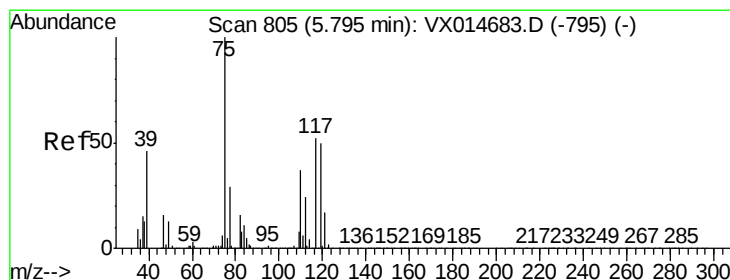
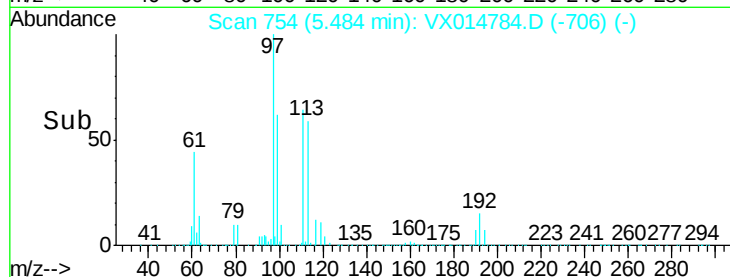
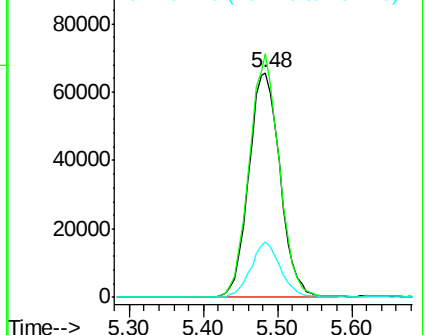
192 23.5 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.11 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

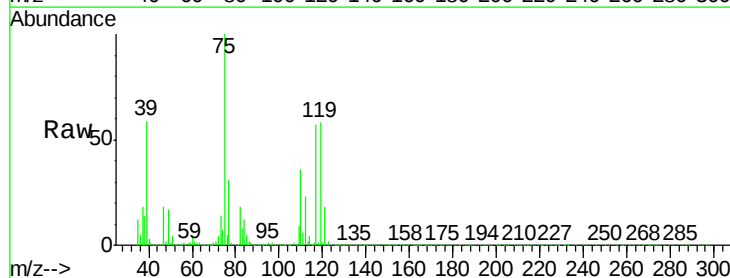
Tgt Ion: 75 Resp: 298053

Ion Ratio Lower Upper

75 100

110 36.1 17.9 53.7

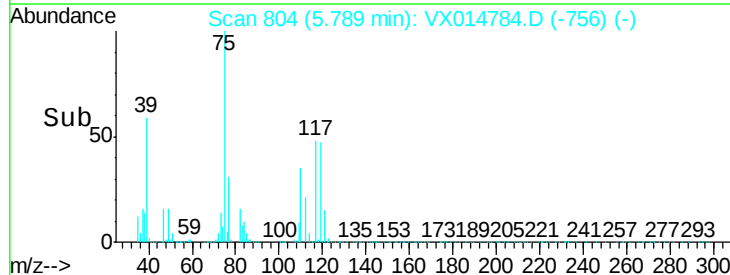
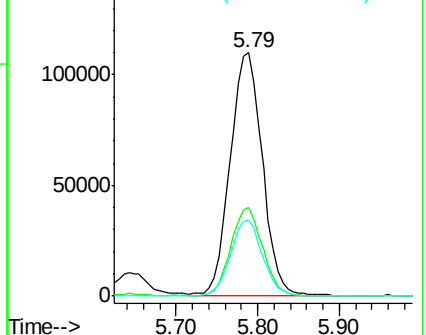
77 30.8 24.1 36.1

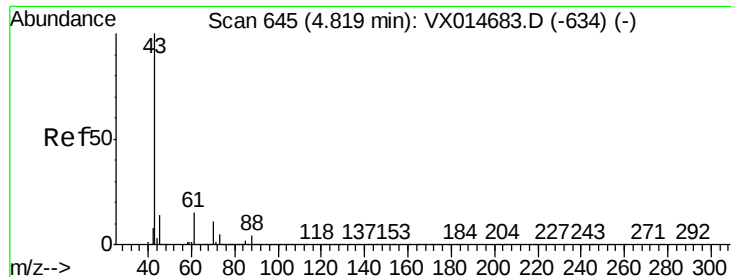


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

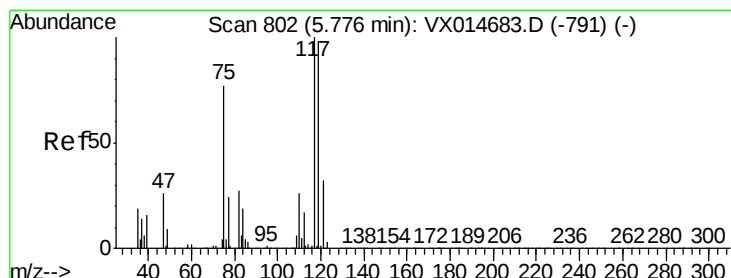
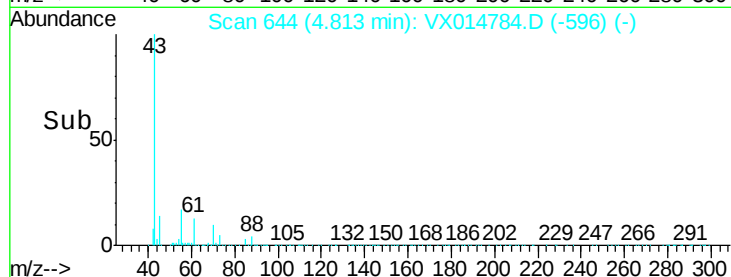
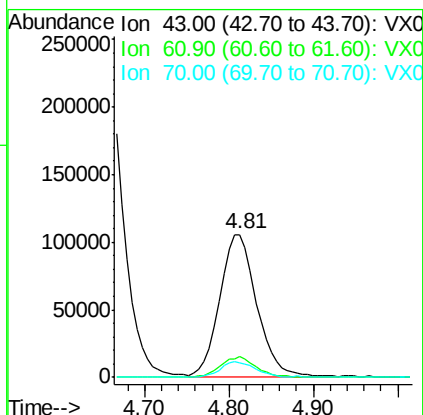
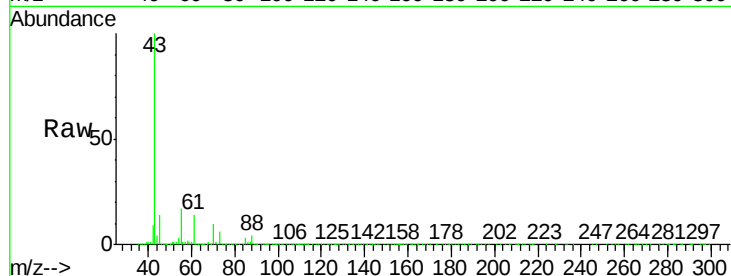




#37
Ethyl Acetate
Concen: 45.93 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

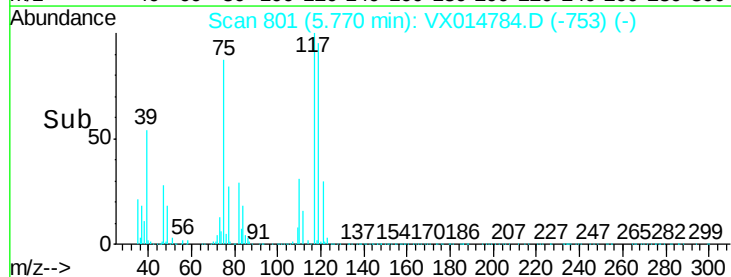
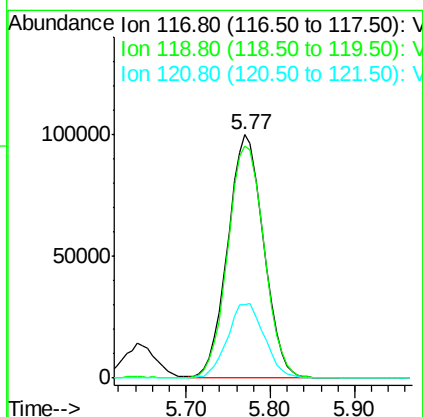
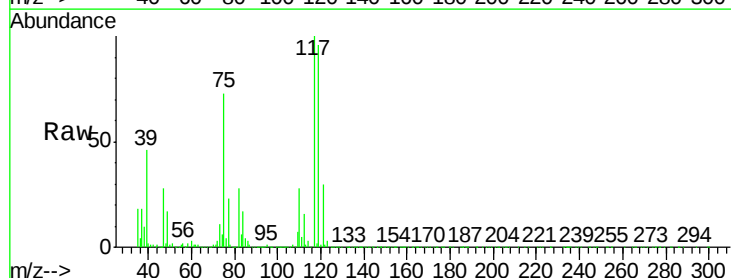
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

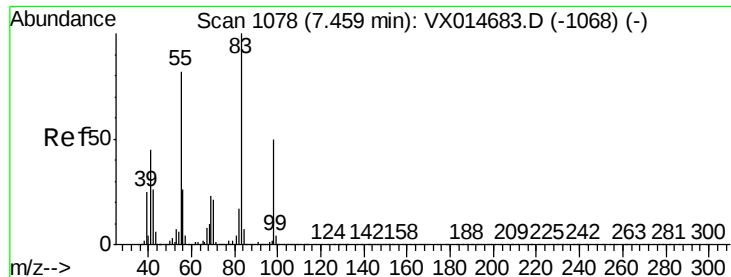
Tgt Ion:	43	Resp:	312851
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.4	8.5	12.7



#38
Carbon Tetrachloride
Concen: 50.76 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:	117	Resp:	288303
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.9	116.9
121	30.0	25.4	38.2

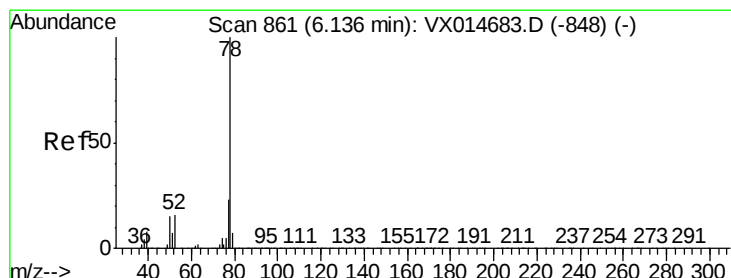
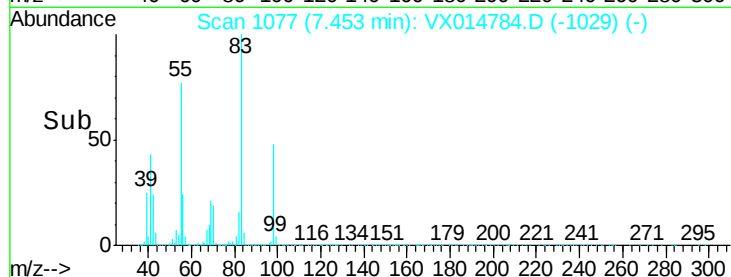
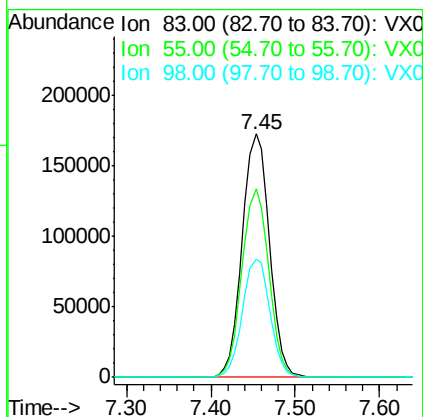
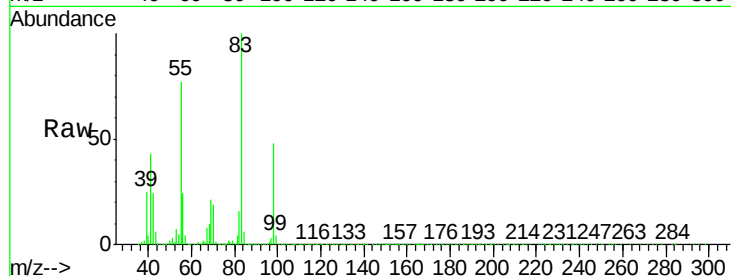




#39
Methylcyclohexane
Concen: 50.31 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

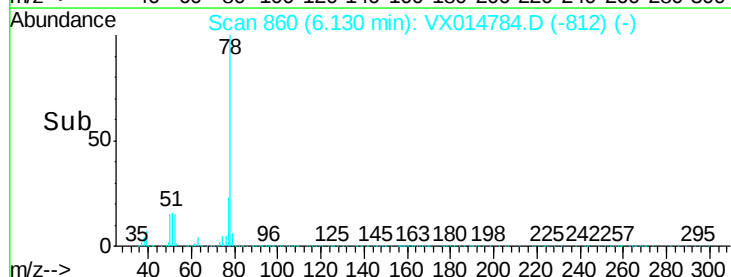
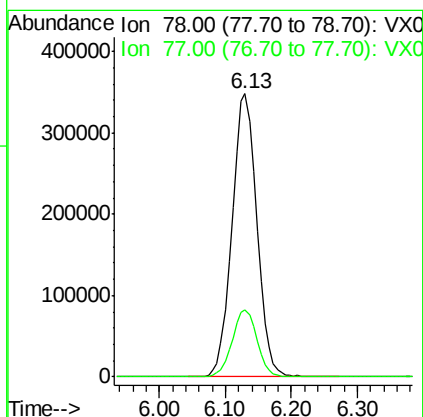
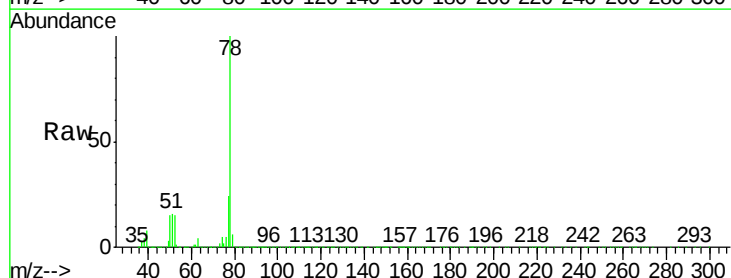
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

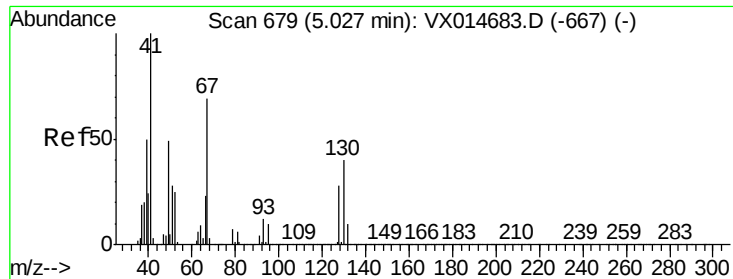
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.6	98.4
98	48.2	40.2	60.4



#40
Benzene
Concen: 49.17 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1

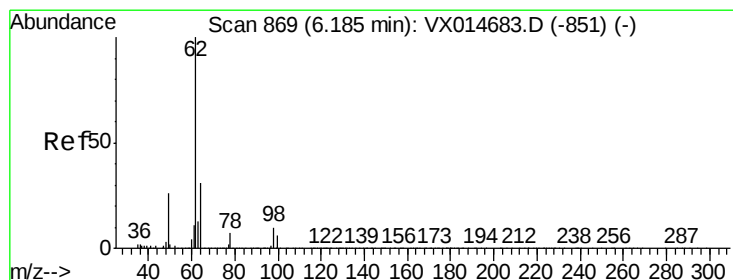
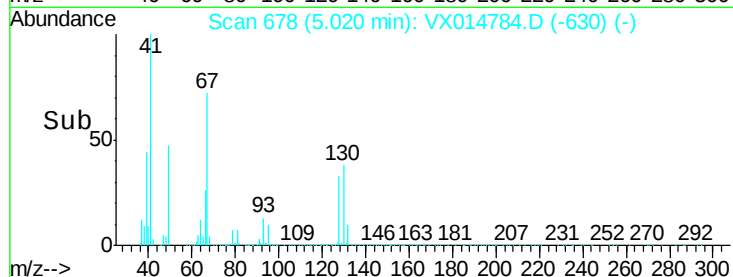
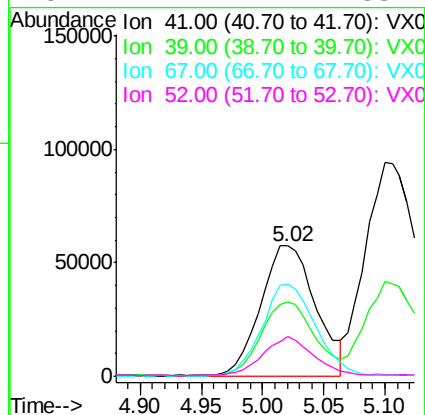
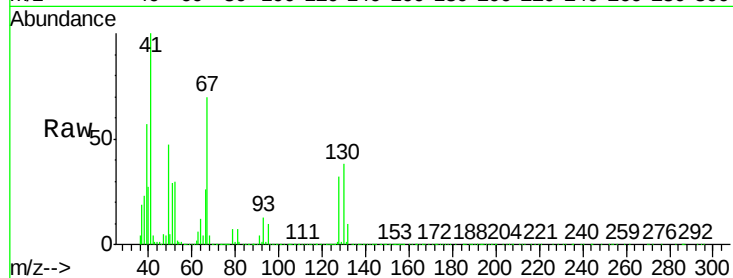




#41
Methacrylonitrile
Concen: 46.17 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

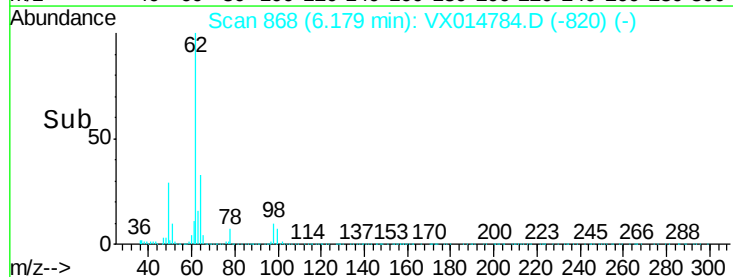
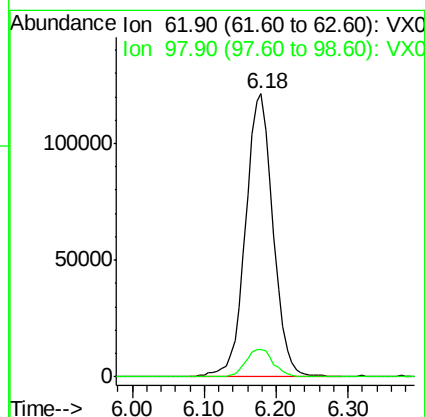
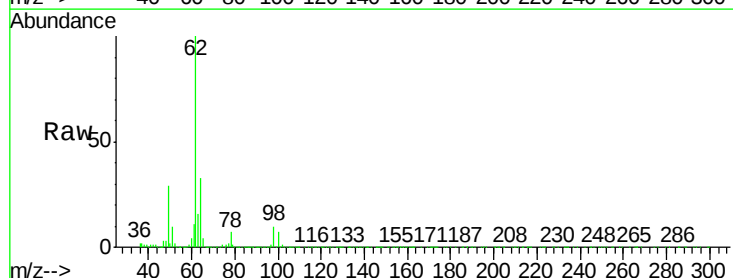
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

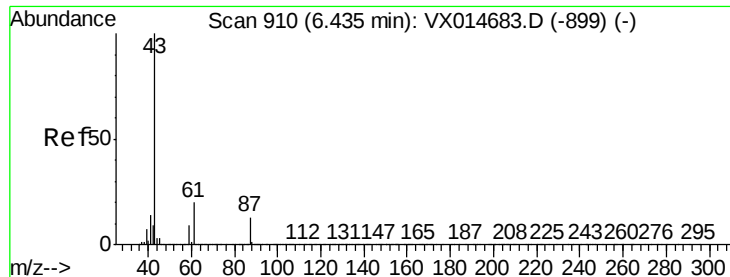
Tgt Ion:	41	Resp:	179517
Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.2	63.2
67	69.2	55.4	83.0
52	27.4	22.1	33.1



#42
1,2-Dichloroethane
Concen: 50.29 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:	62	Resp:	319152
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 46.74 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

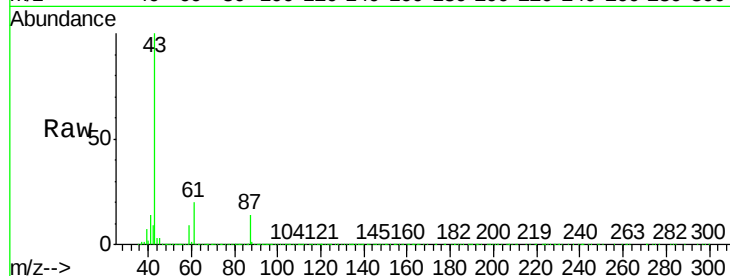
Tgt Ion: 43 Resp: 521359

Ion Ratio Lower Upper

43 100

61 20.2 16.2 24.4

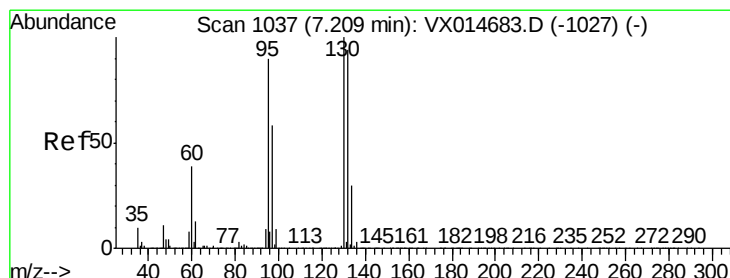
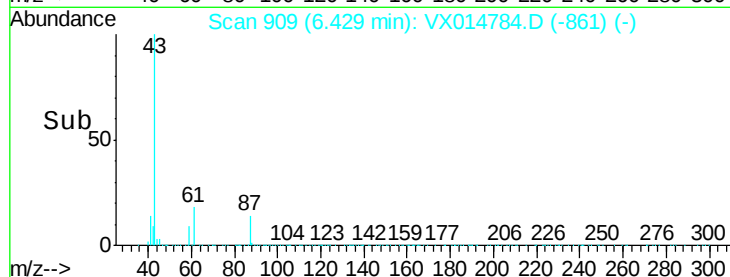
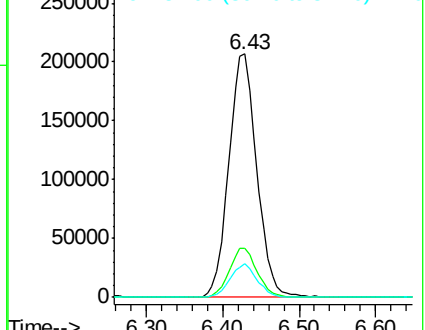
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.46 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014784.D

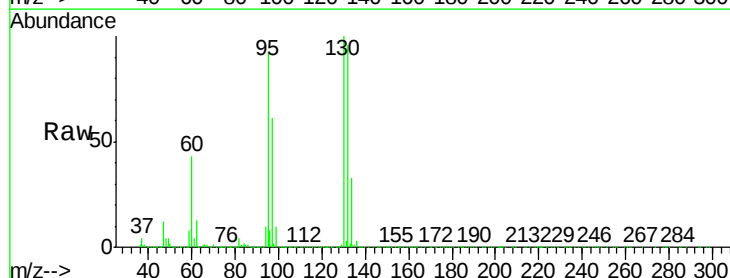
Acq: 31 Jan 2020 17:02

Tgt Ion: 130 Resp: 251557

Ion Ratio Lower Upper

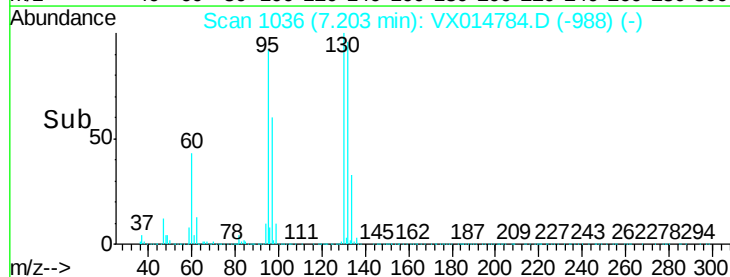
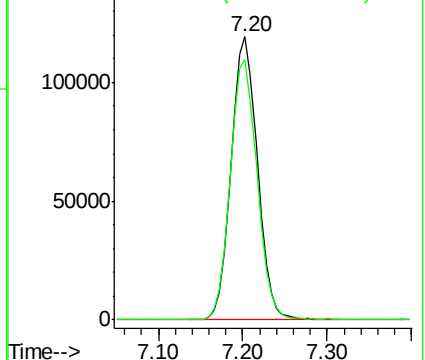
130 100

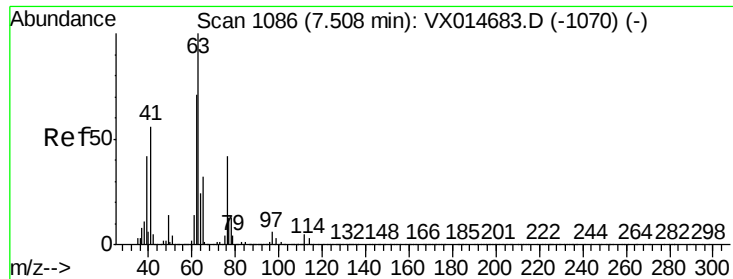
95 91.6 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

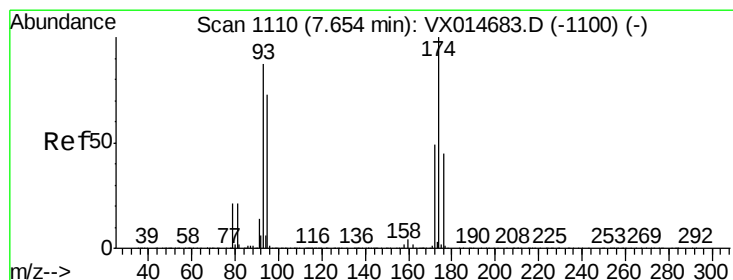
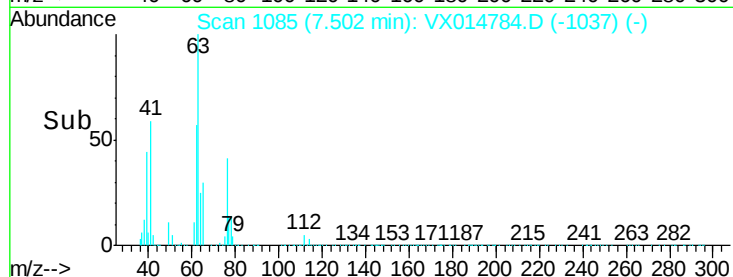
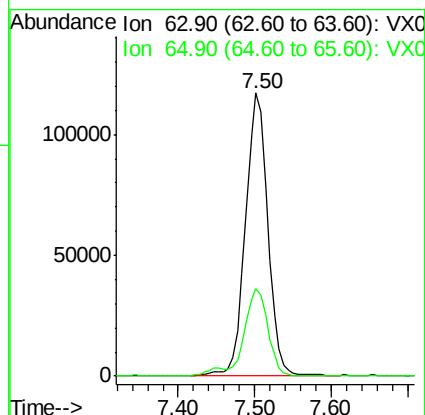
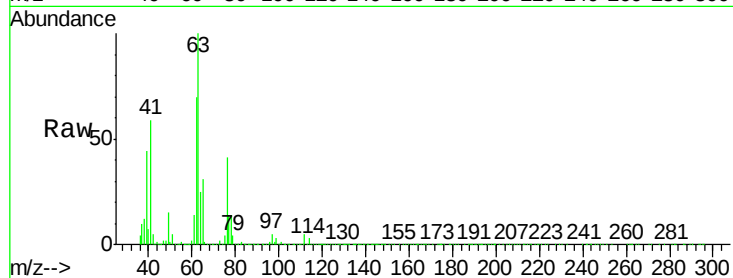




#45
 1,2-Dichloropropane
 Concen: 49.98 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

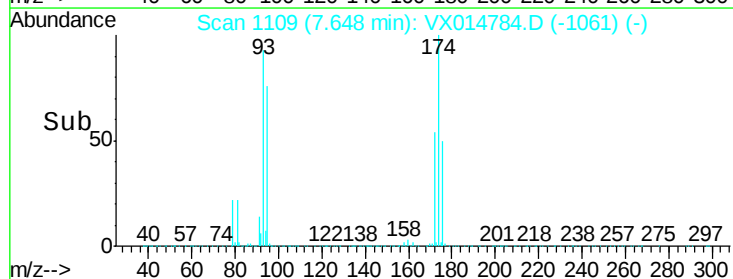
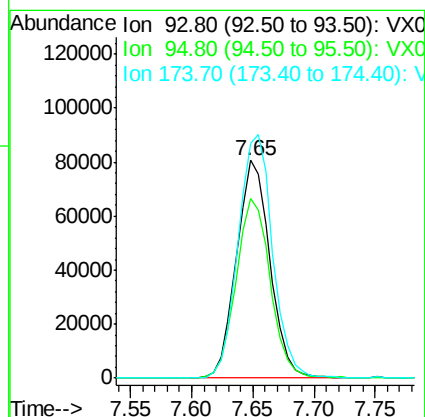
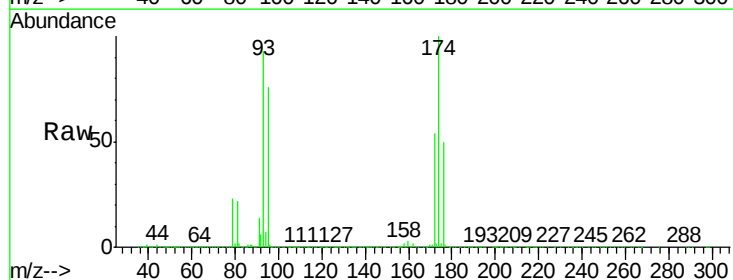
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

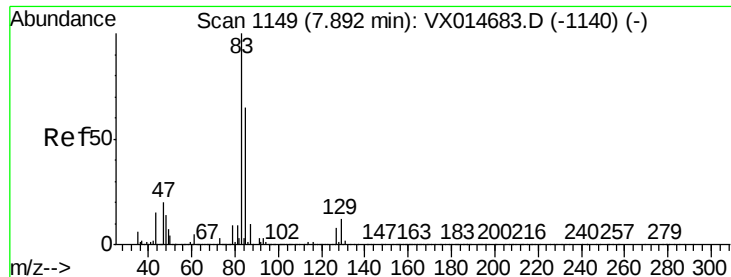
Tgt Ion: 63 Resp: 236620
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.2 37.8



#46
 Dibromomethane
 Concen: 49.79 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion: 93 Resp: 152665
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.0 100.4
 174 115.3 90.2 135.2





#47

Bromodichloromethane

Concen: 51.29 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

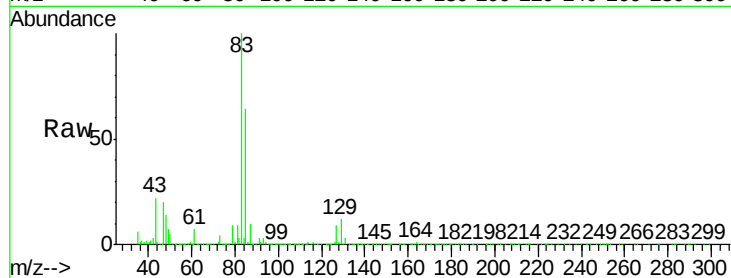
Tgt Ion: 83 Resp: 308431

Ion Ratio Lower Upper

83 100

85 64.1 52.2 78.2

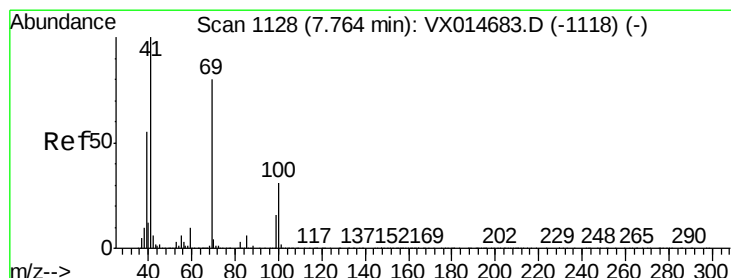
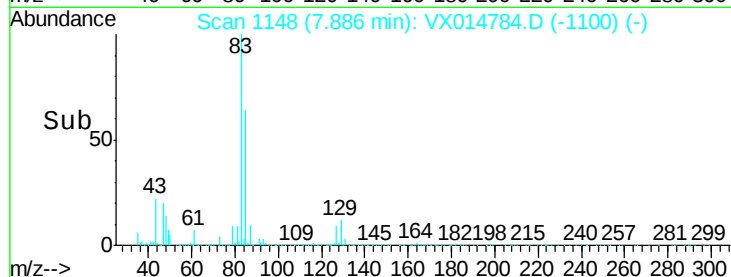
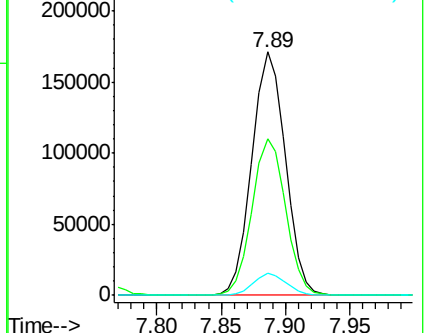
127 8.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.46 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

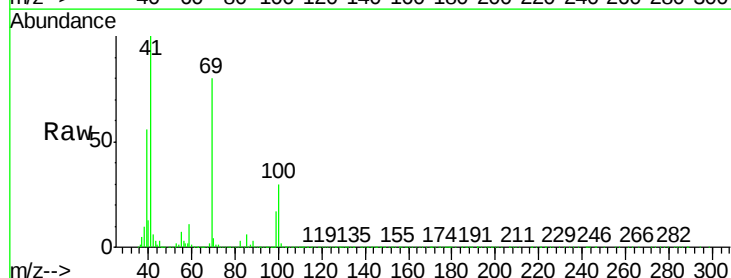
Tgt Ion: 41 Resp: 263595

Ion Ratio Lower Upper

41 100

69 80.9 63.5 95.3

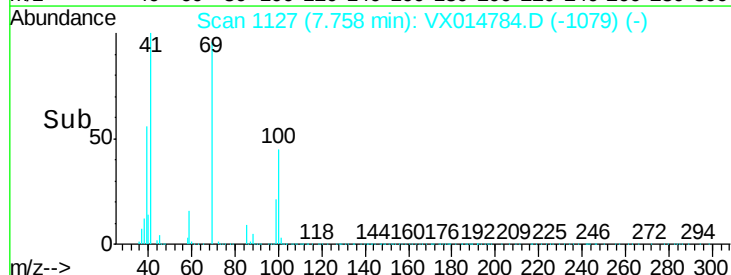
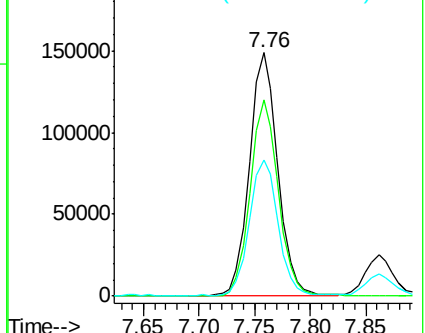
39 57.0 43.7 65.5

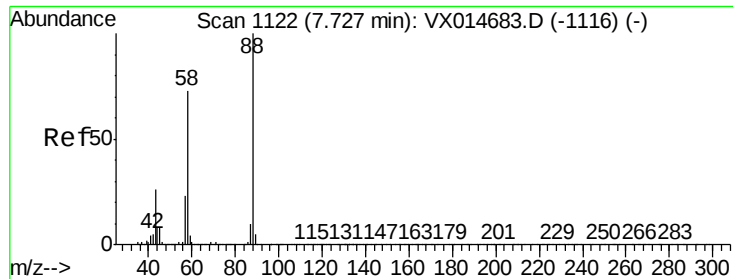


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 799.14 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

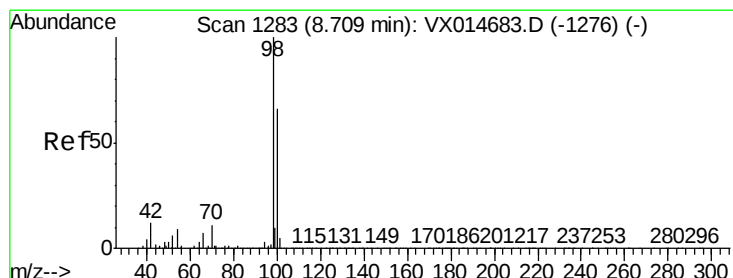
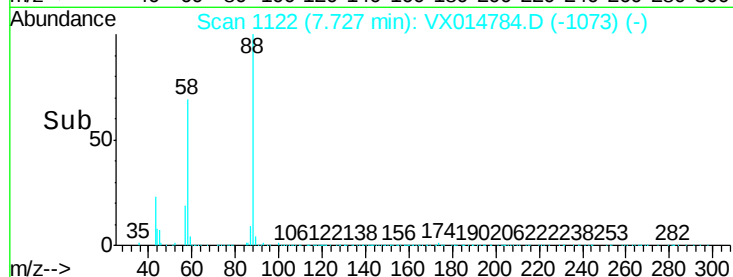
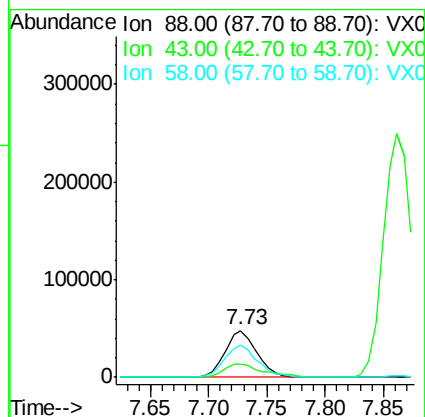
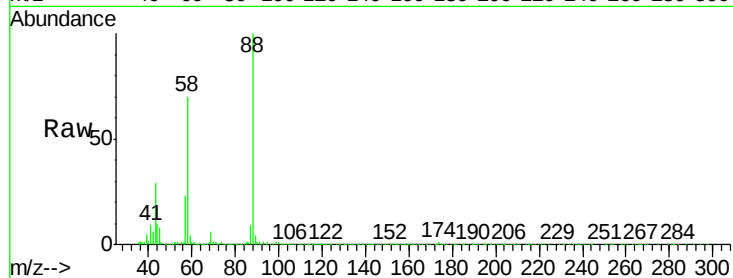
Tgt Ion: 88 Resp: 90286

Ion Ratio Lower Upper

88 100

43 34.7 26.2 39.2

58 72.5 56.6 85.0



#50

Toluene-d8

Concen: 47.65 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014784.D

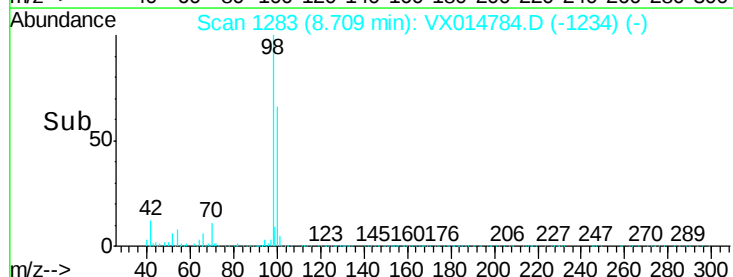
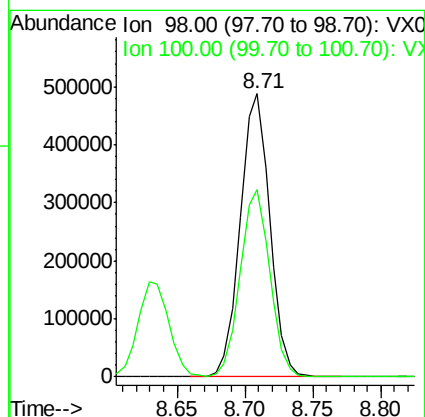
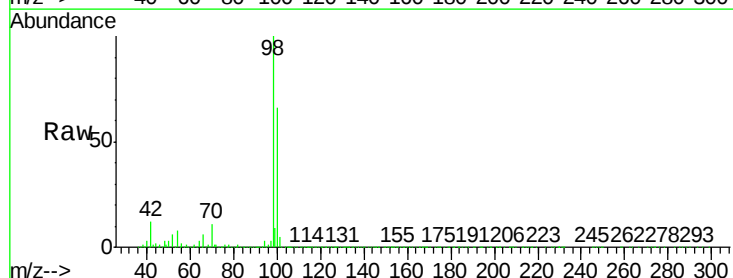
Acq: 31 Jan 2020 17:02

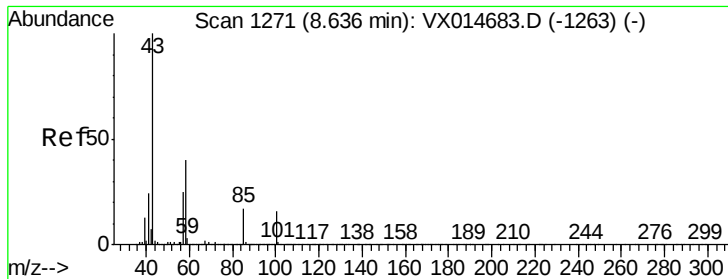
Tgt Ion: 98 Resp: 739847

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6

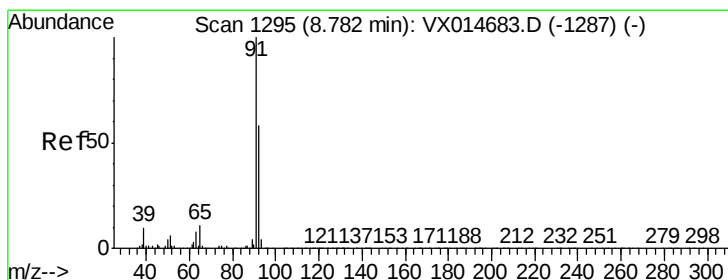
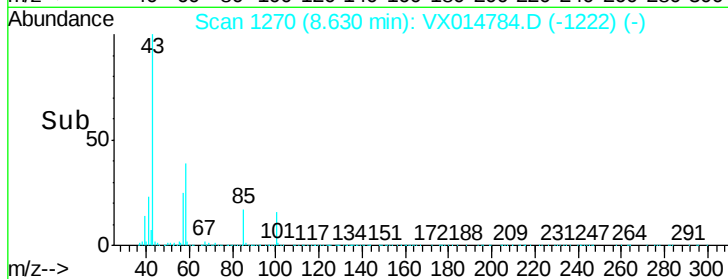
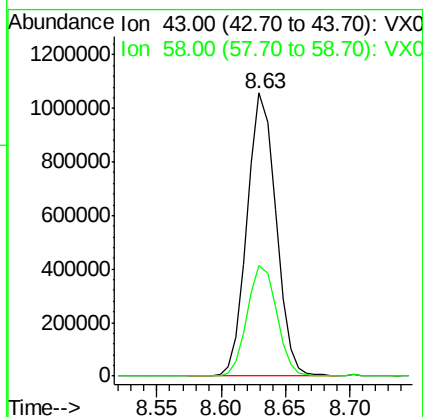
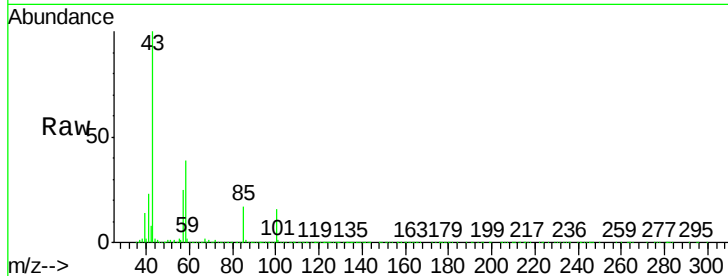




#51
 4-Methyl-2-Pentanone
 Concen: 232.41 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

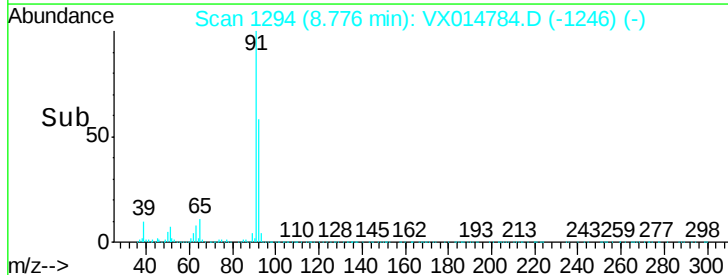
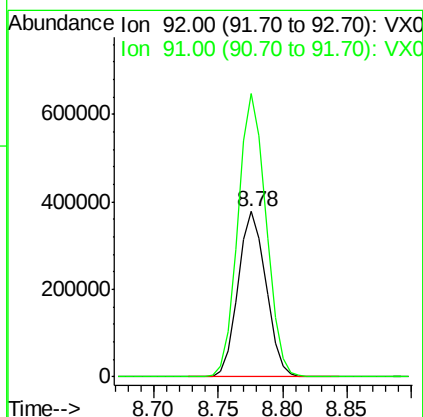
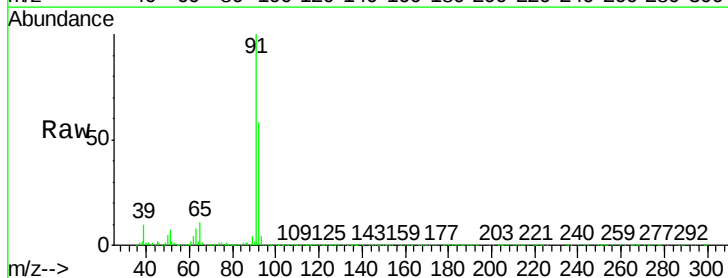
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

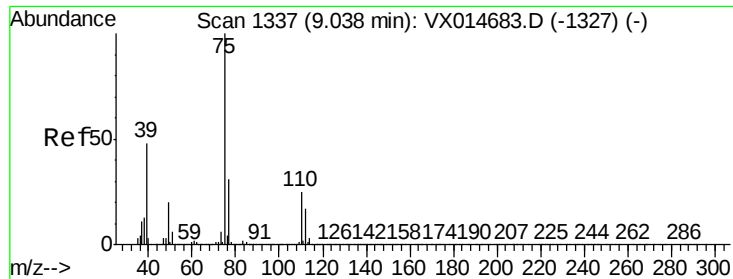
Tgt Ion: 43 Resp: 1636242
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.6 47.4



#52
 Toluene
 Concen: 50.38 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion: 92 Resp: 569142
 Ion Ratio Lower Upper
 92 100
 91 172.2 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 53.19 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

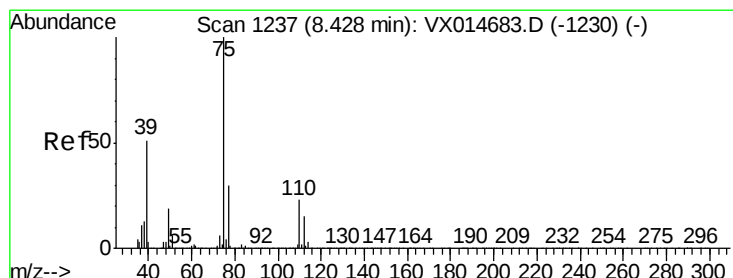
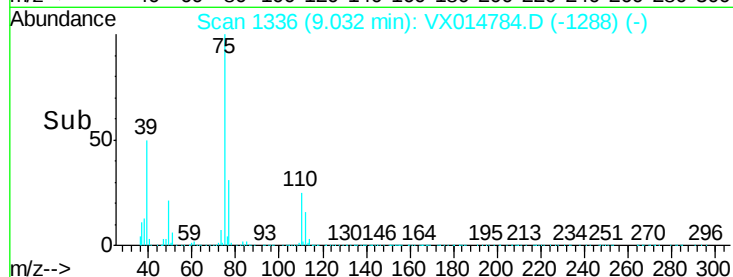
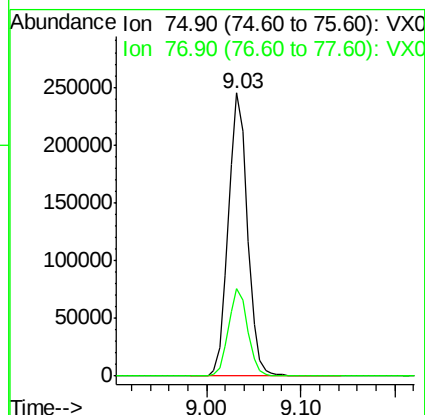
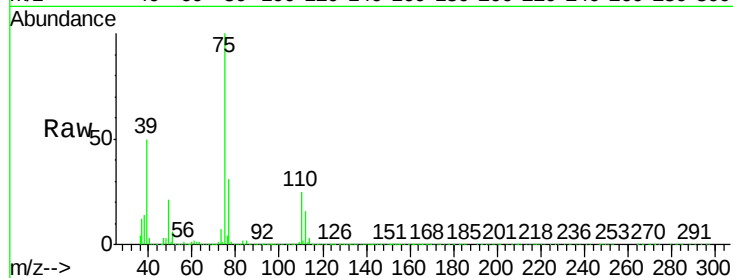
VSTDCCC050EC

Tgt Ion: 75 Resp: 344399

Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 52.94 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

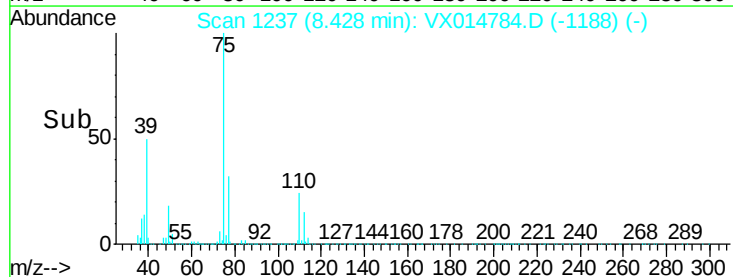
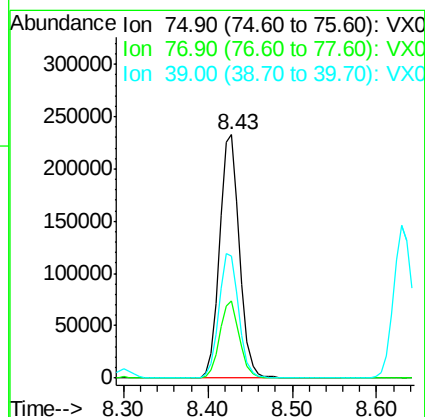
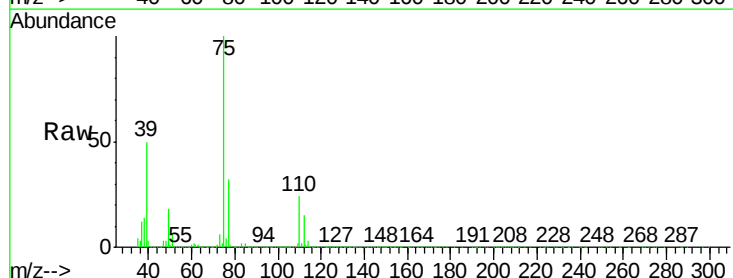
Tgt Ion: 75 Resp: 377096

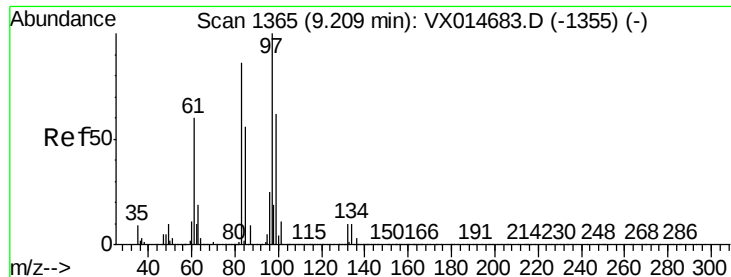
Ion Ratio Lower Upper

75 100

77 31.8 23.9 35.9

39 50.0 40.9 61.3

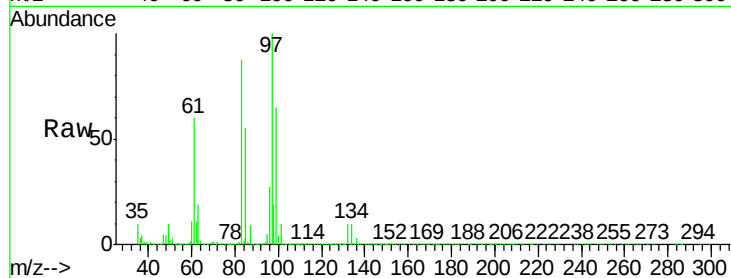




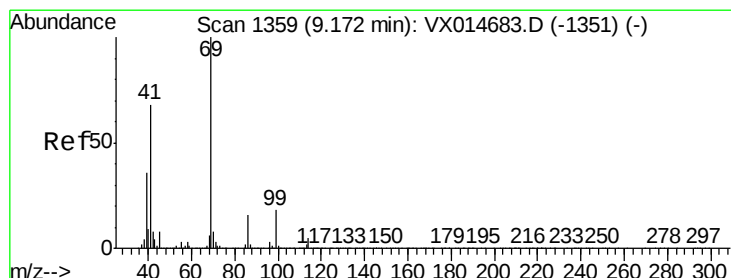
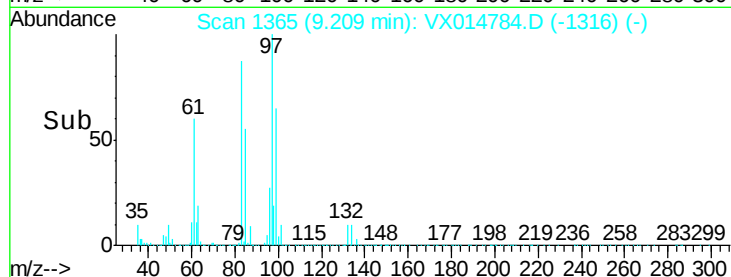
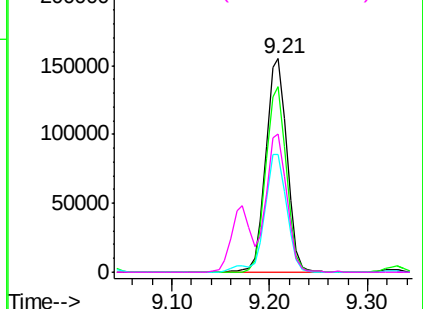
#55
 1,1,2-Trichloroethane
 Concen: 50.31 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	232663
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.2	103.8
85	55.0	44.6	67.0
99	64.8	50.1	75.1

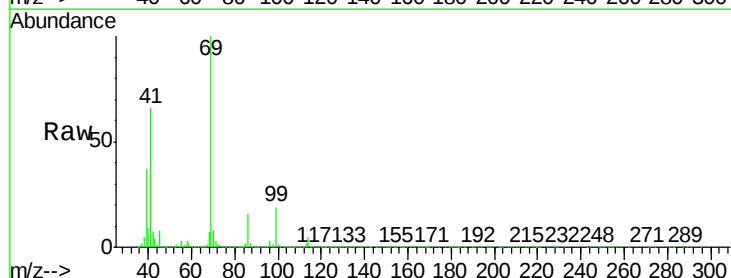


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

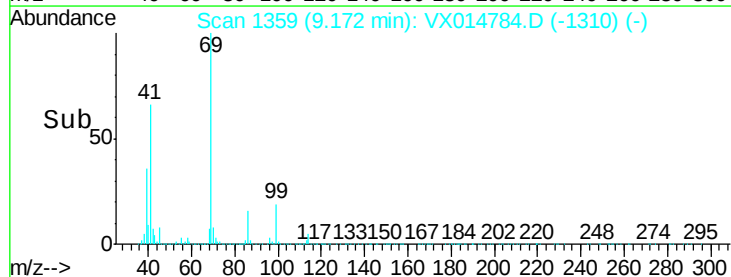
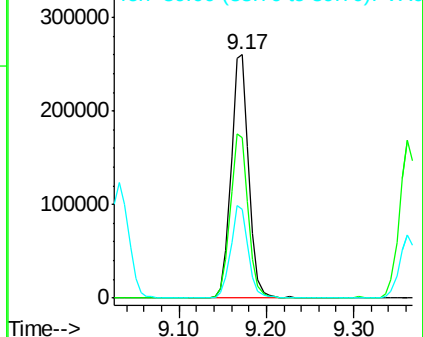


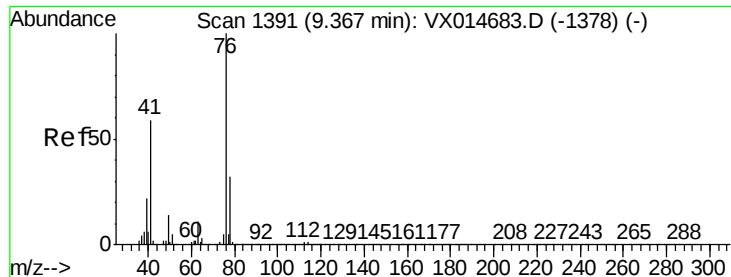
#56
 Ethyl methacrylate
 Concen: 46.57 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion:	69	Resp:	364122
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.9	82.3
39	37.4	29.3	43.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.87 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

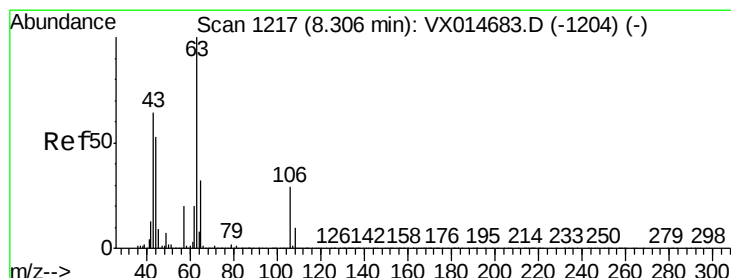
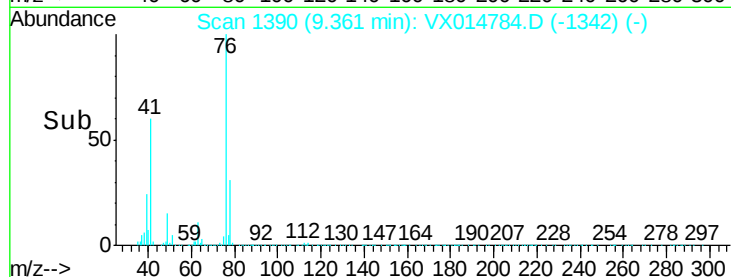
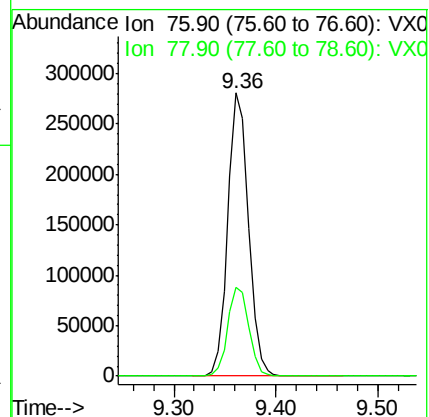
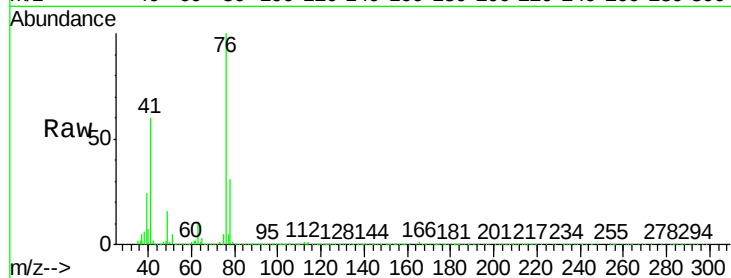
VSTDCCC050EC

Tgt Ion: 76 Resp: 394249

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 256.62 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014784.D

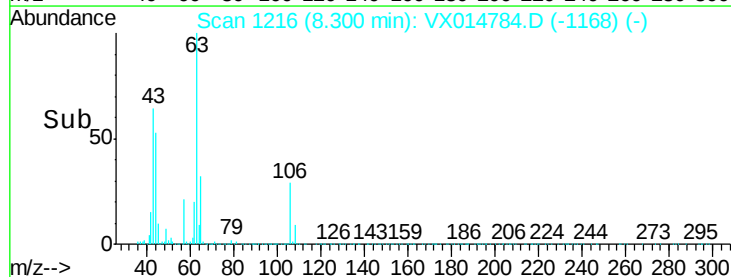
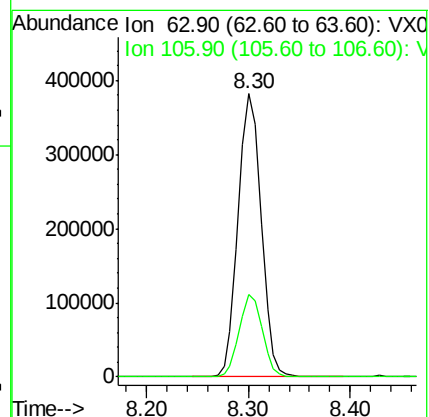
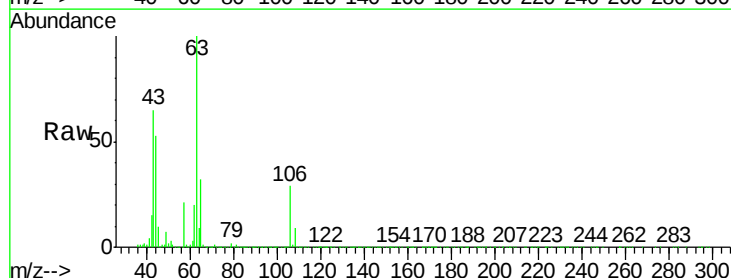
Acq: 31 Jan 2020 17:02

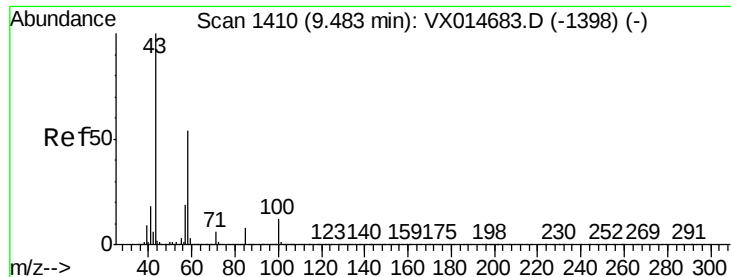
Tgt Ion: 63 Resp: 596882

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1

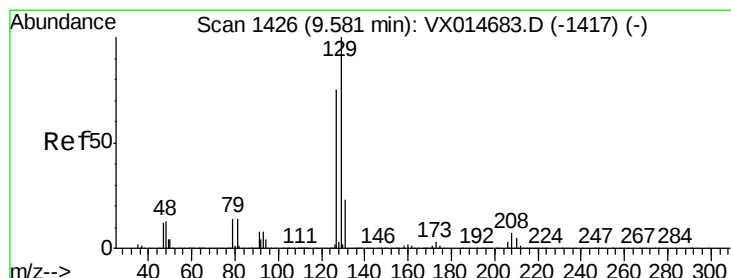
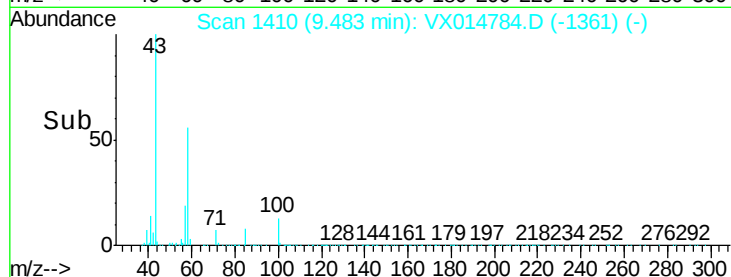
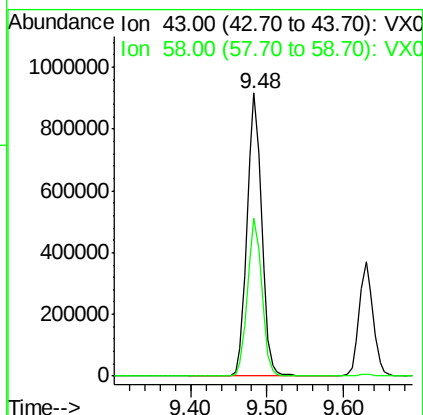
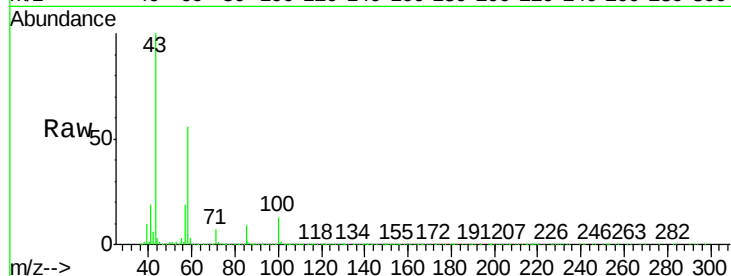




#59
2-Hexanone
Concen: 222.27 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

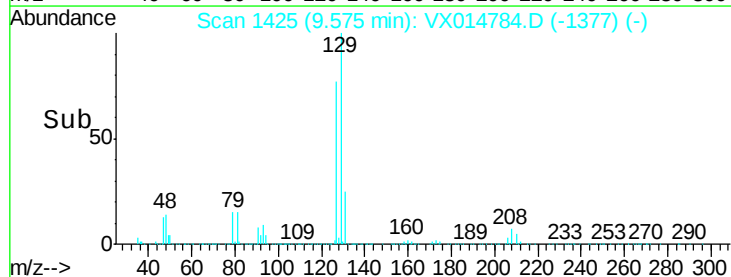
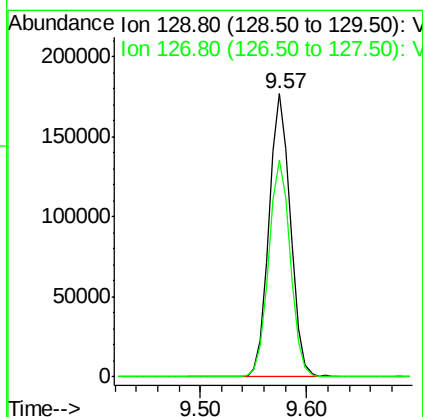
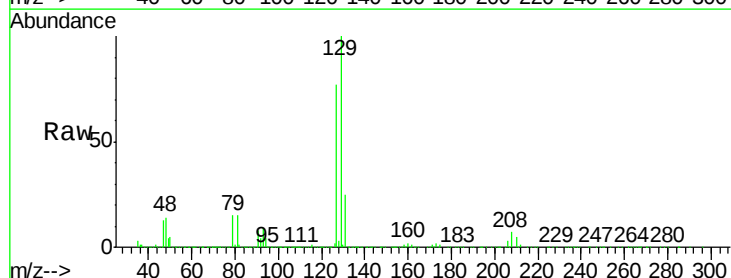
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

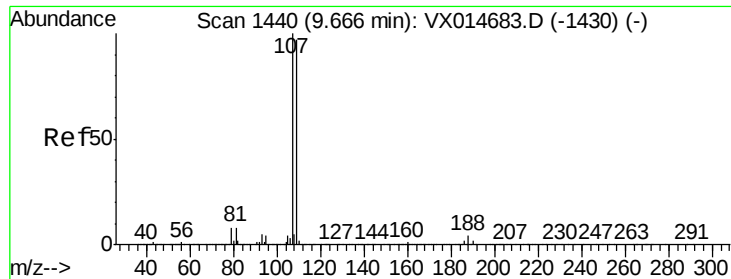
Tgt Ion: 43 Resp: 1214322
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5



#60
Dibromochloromethane
Concen: 51.98 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 129 Resp: 250937
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

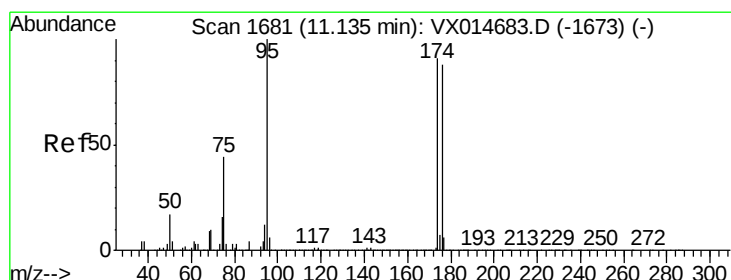
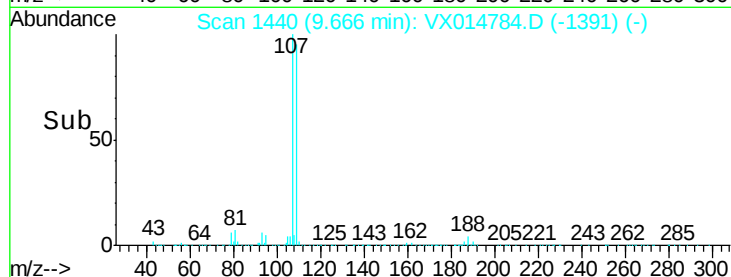
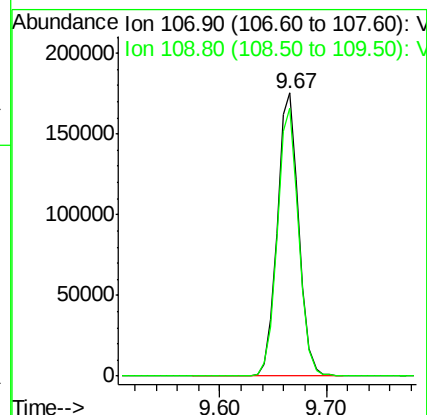
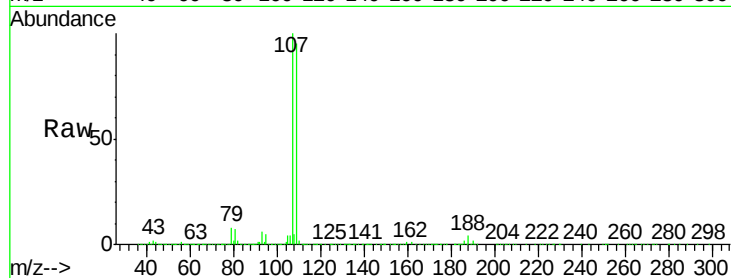




#61
 1,2-Dibromoethane
 Concen: 50.11 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

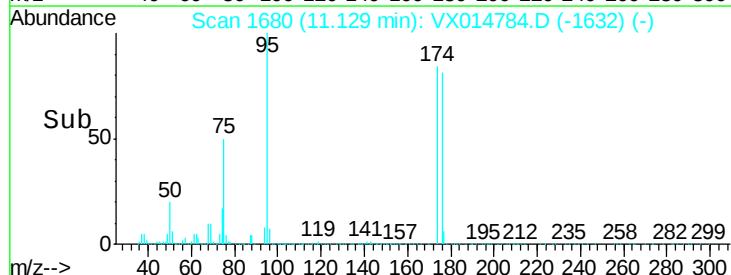
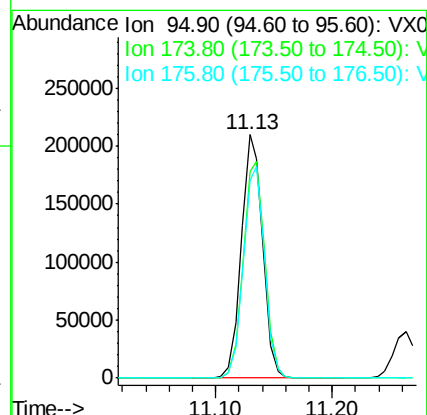
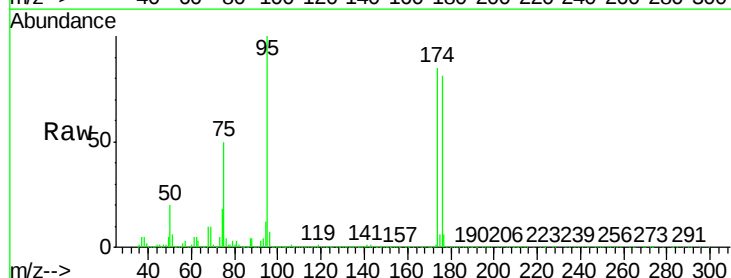
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

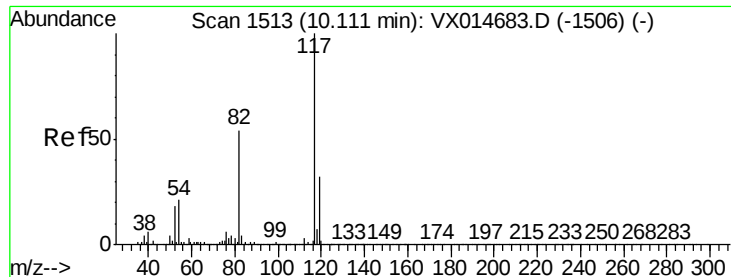
Tgt Ion: 107 Resp: 245027
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 48.01 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion: 95 Resp: 265533
 Ion Ratio Lower Upper
 95 100
 174 90.8 0.0 176.0
 176 87.2 0.0 172.2

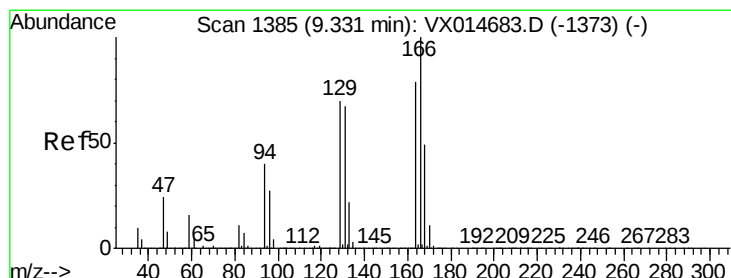
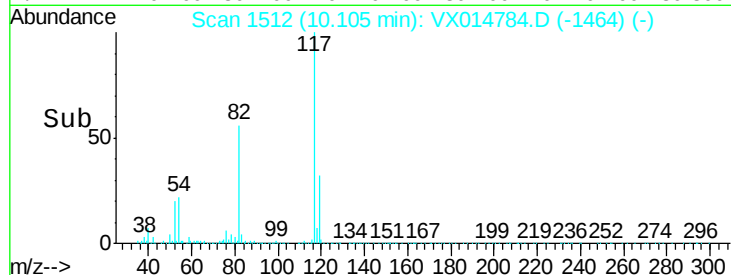
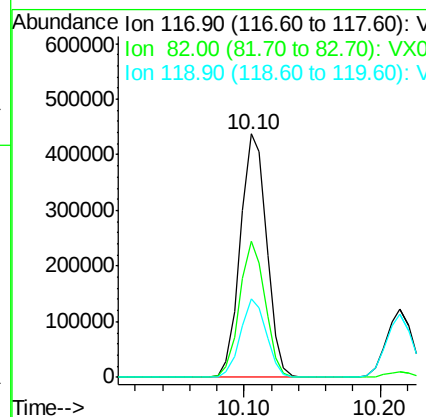
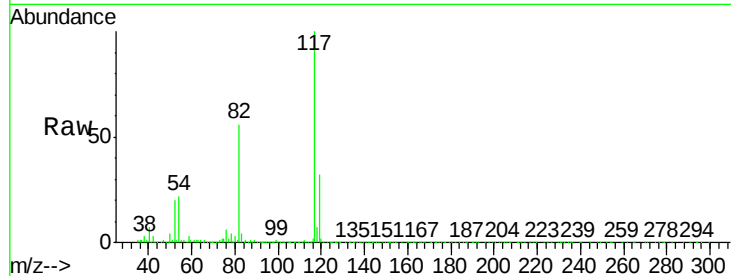




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

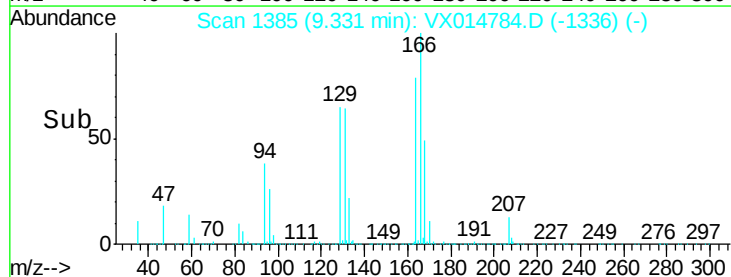
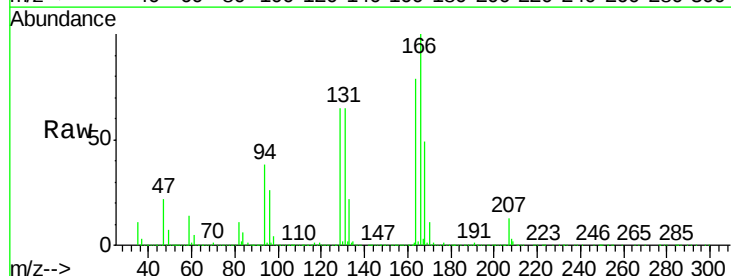
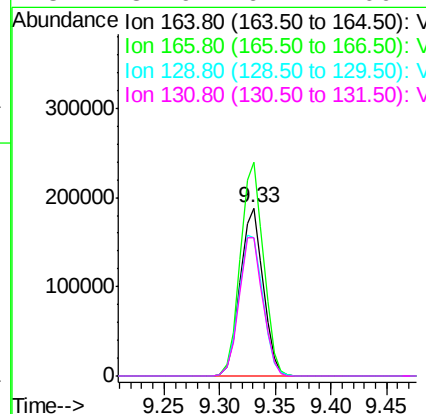
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

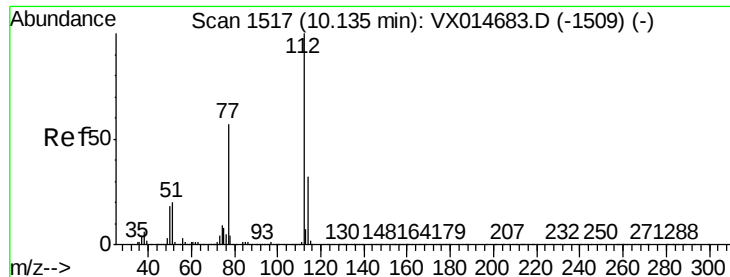
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.2	64.8
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 45.86 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	100.9	151.3
129	82.4	71.0	106.6
131	81.9	67.1	100.7

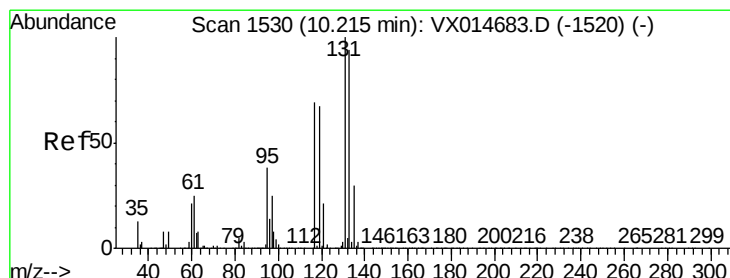
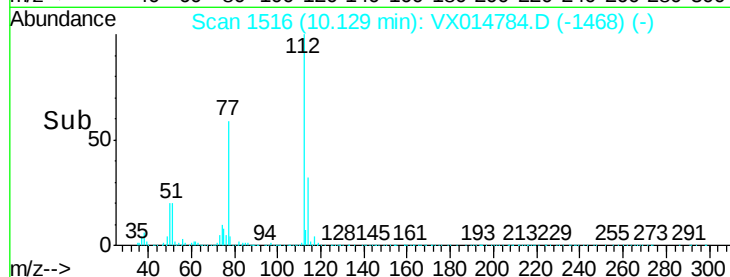
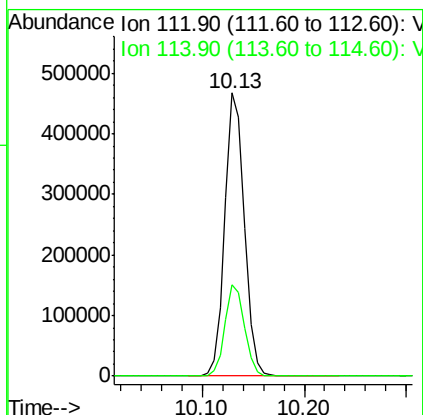
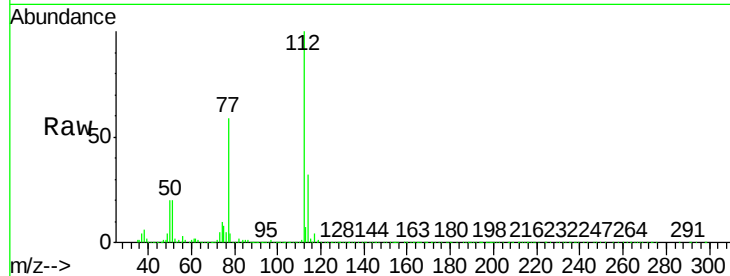




#65
Chlorobenzene
Concen: 49.25 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

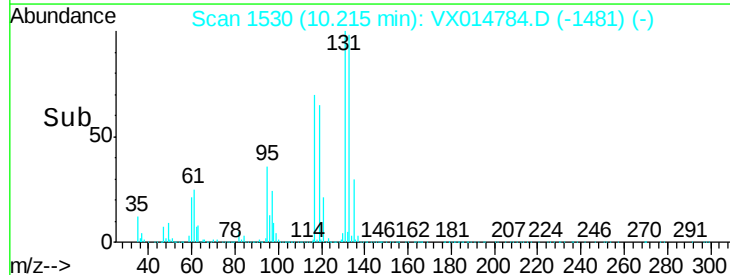
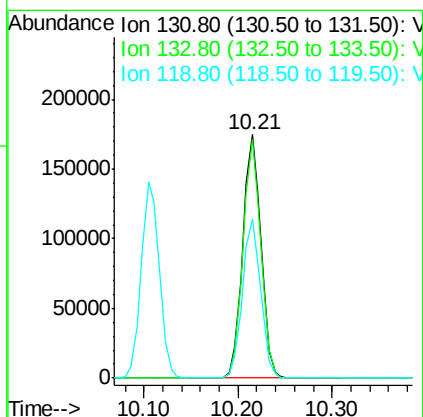
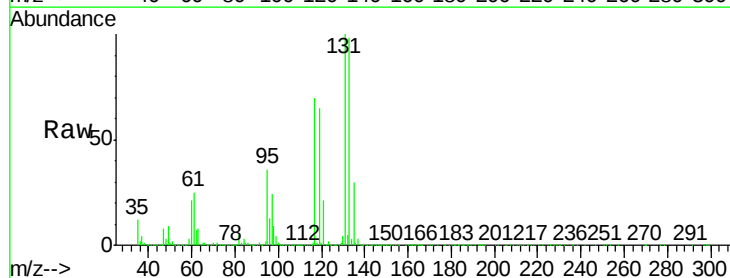
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

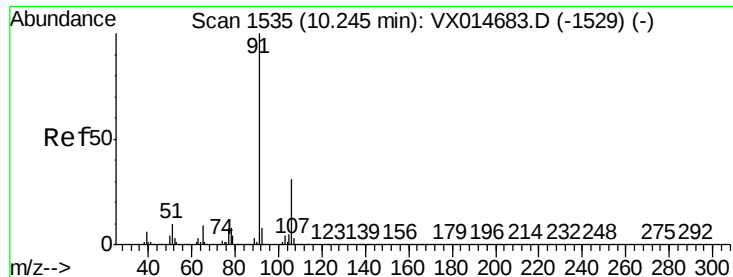
Tgt Ion:112 Resp: 621068
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.20 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:131 Resp: 233410
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 65.4 33.3 99.8

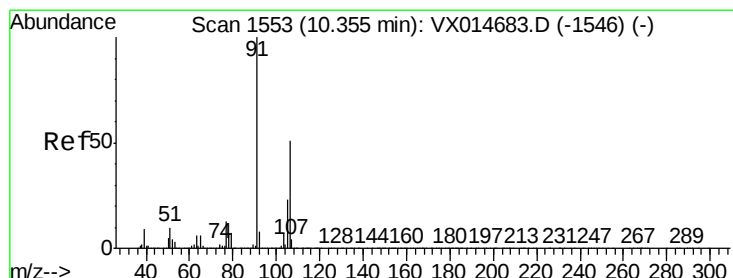
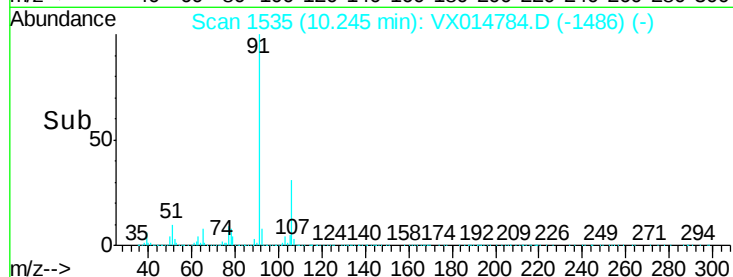
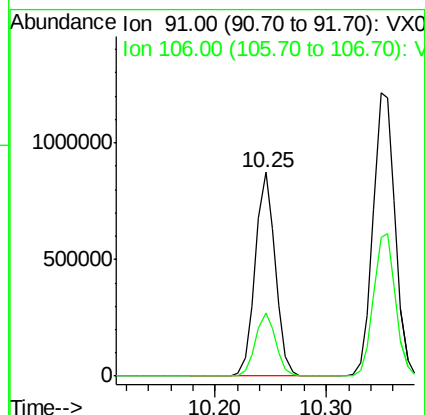
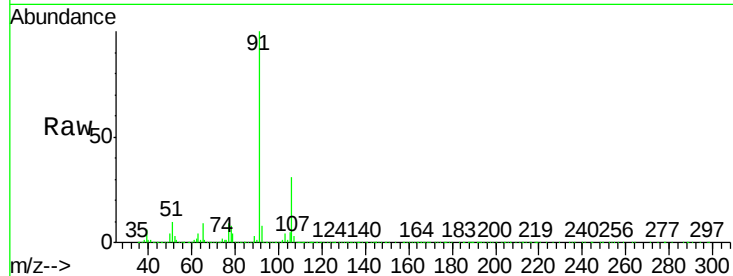




#67
Ethyl Benzene
Concen: 50.87 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

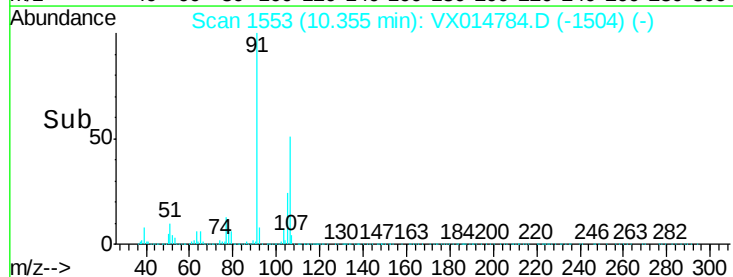
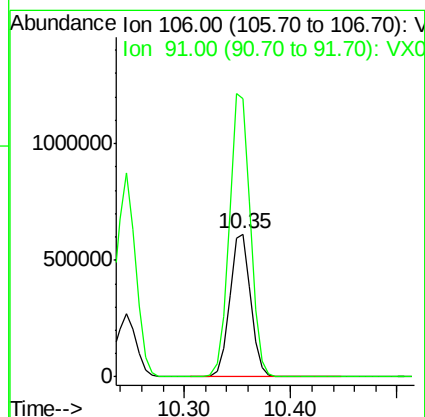
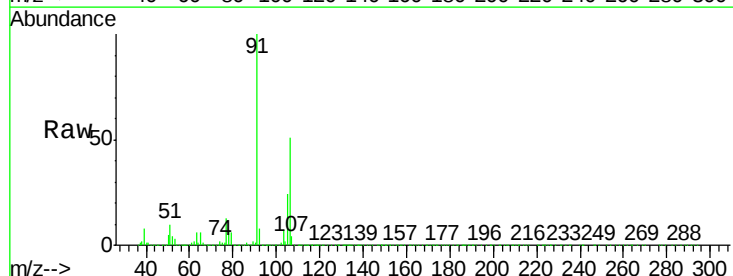
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

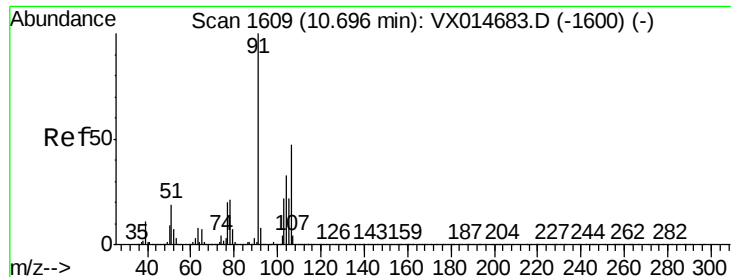
Tgt Ion: 91 Resp: 1095406
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 102.98 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 106 Resp: 839996
Ion Ratio Lower Upper
106 100
91 199.5 159.4 239.2

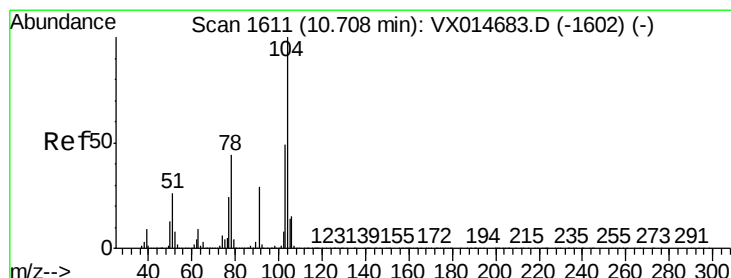
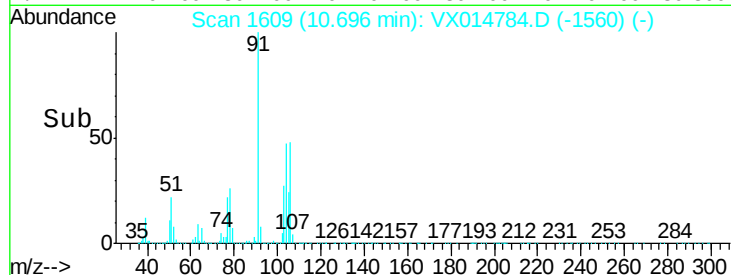
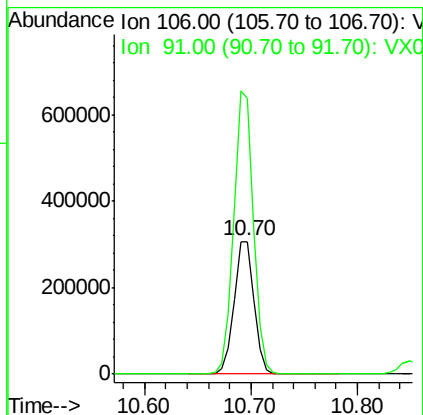
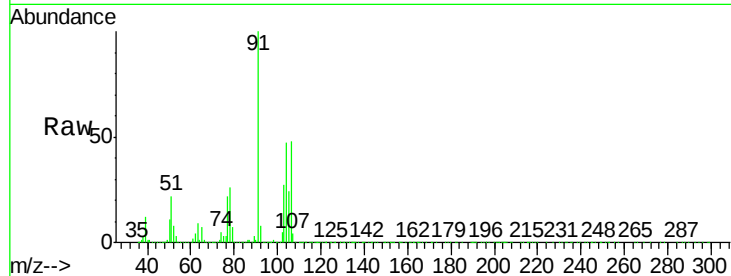




#69
o-Xylene
Concen: 51.21 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

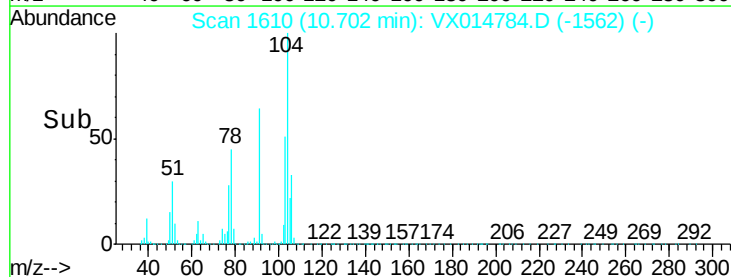
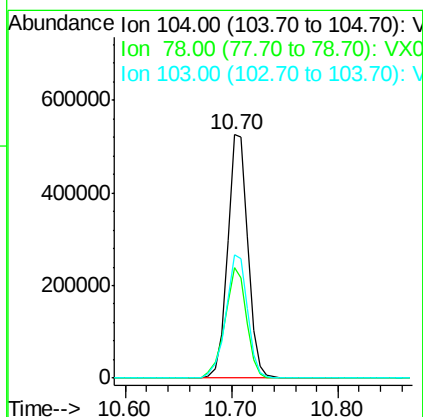
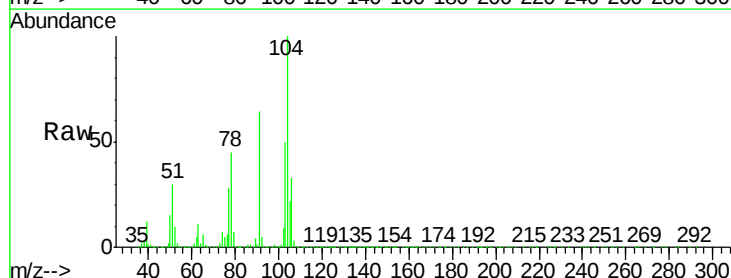
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

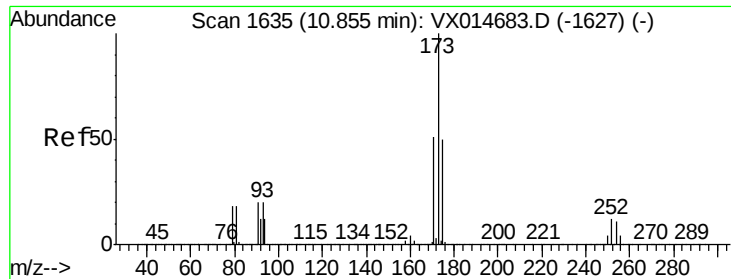
Tgt Ion:106 Resp: 403267
Ion Ratio Lower Upper
106 100
91 210.8 106.2 318.6



#70
Styrene
Concen: 53.12 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:104 Resp: 701656
Ion Ratio Lower Upper
104 100
78 48.1 39.3 58.9
103 54.0 43.5 65.3

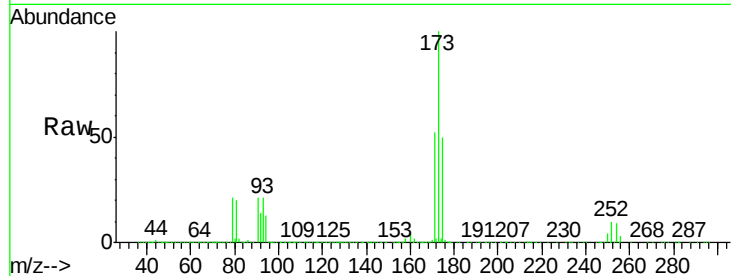




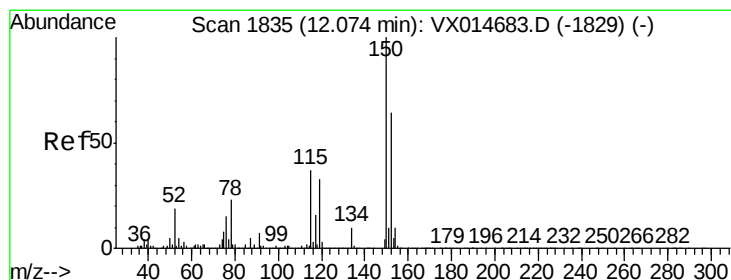
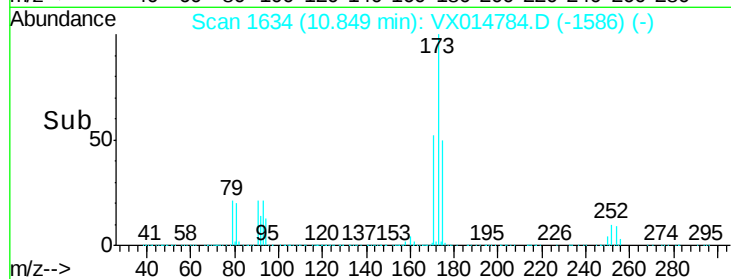
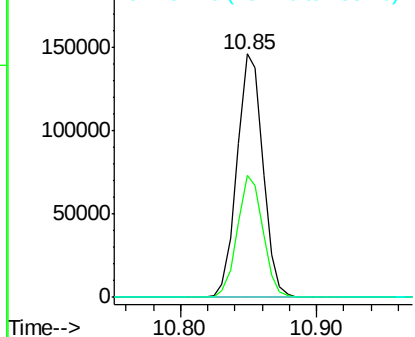
#71
Bromoform
Concen: 52.36 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 193590
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.2 0.1 0.1#

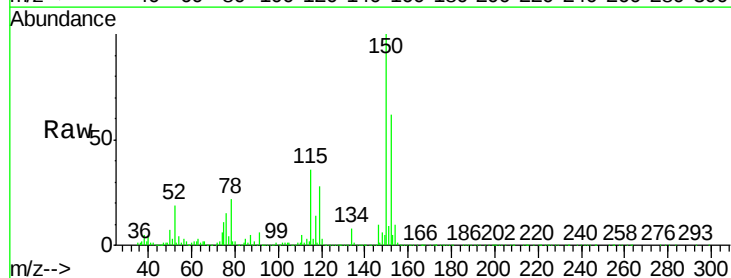


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

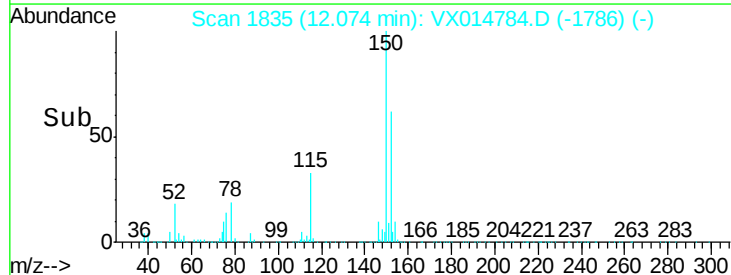
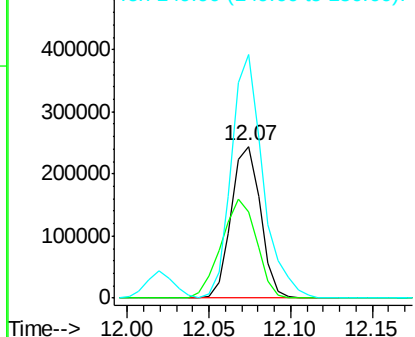


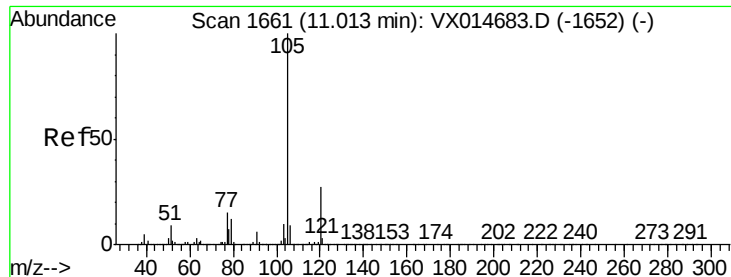
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:152 Resp: 305568
Ion Ratio Lower Upper
152 100
115 78.3 39.4 118.1
150 172.2 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.73 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

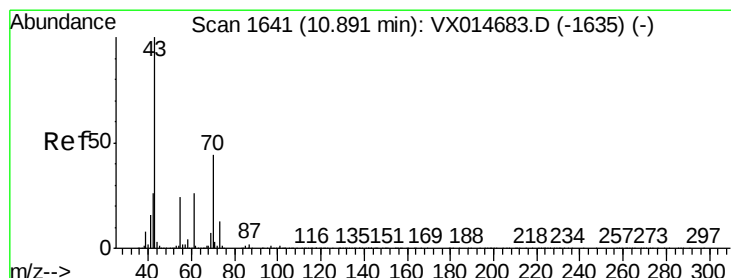
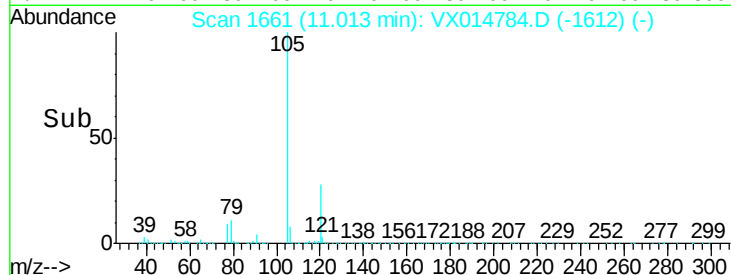
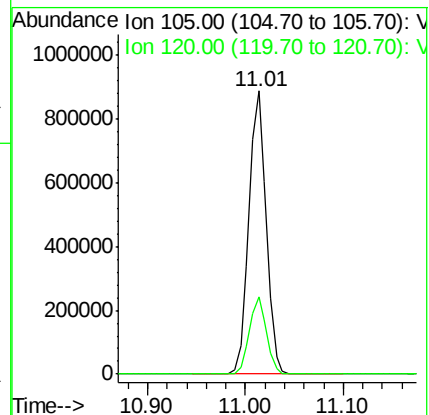
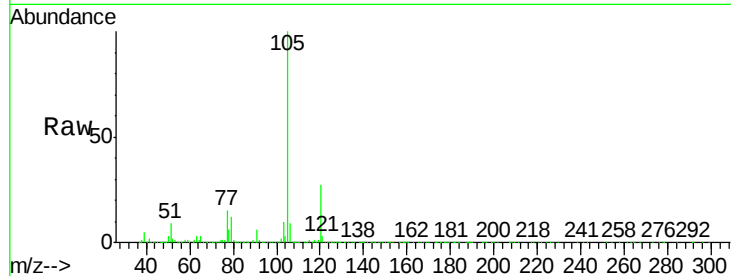
VSTDCCC050EC

Tgt Ion: 105 Resp: 1090013

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 48.79 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Tgt Ion: 43 Resp: 459401

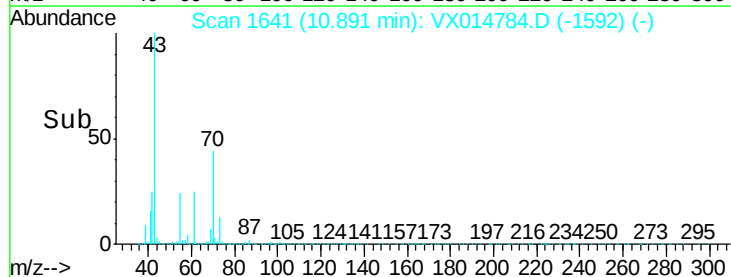
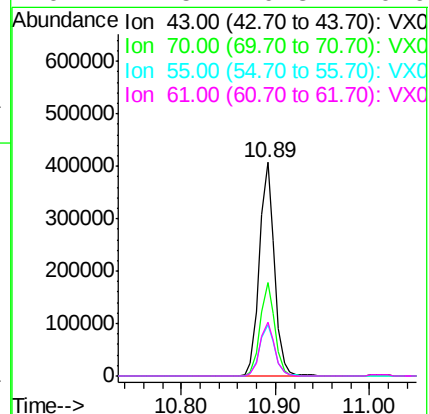
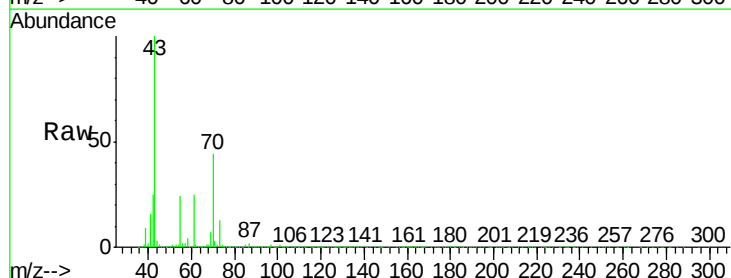
Ion Ratio Lower Upper

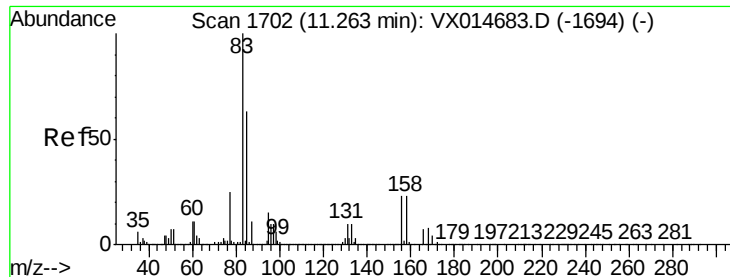
43 100

70 42.7 34.6 52.0

55 24.2 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.61 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

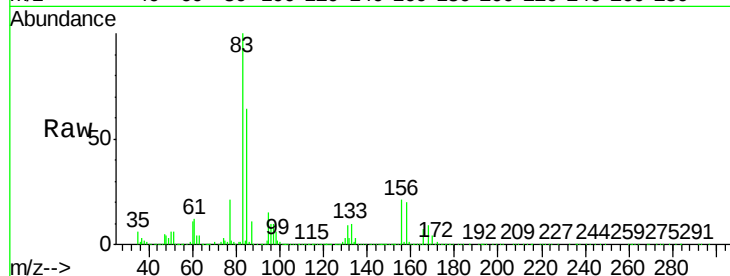
Tgt Ion: 83 Resp: 342182

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

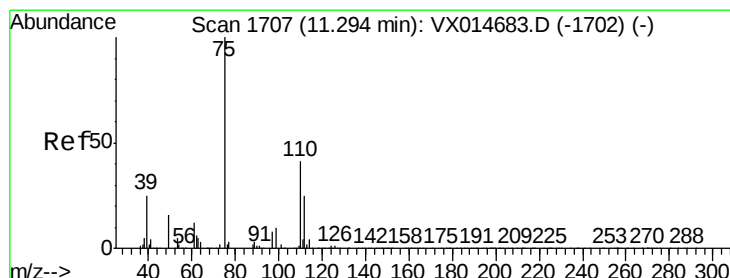
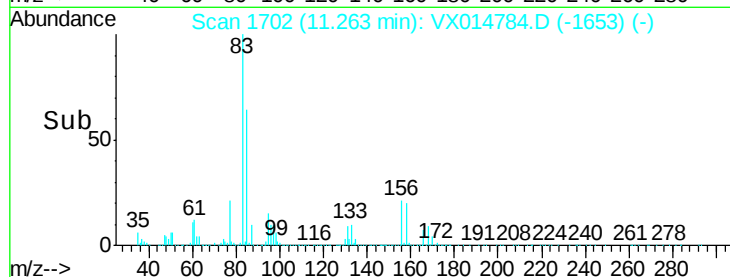
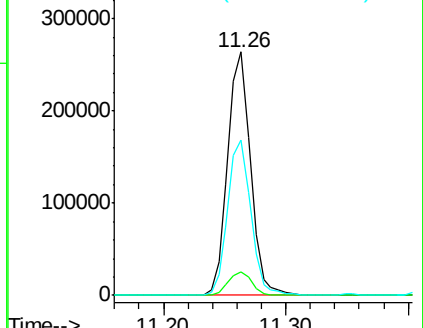
85 64.7 31.7 95.1



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: 57.36 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014784.D

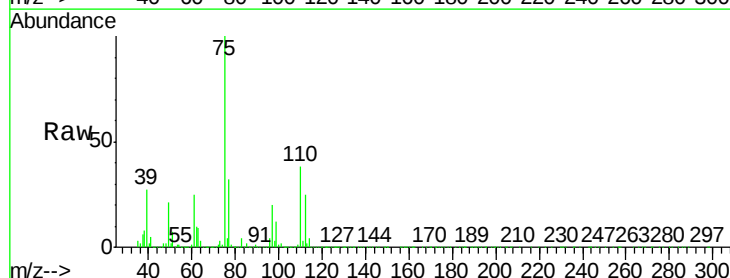
Acq: 31 Jan 2020 17:02

Tgt Ion: 75 Resp: 407758

Ion Ratio Lower Upper

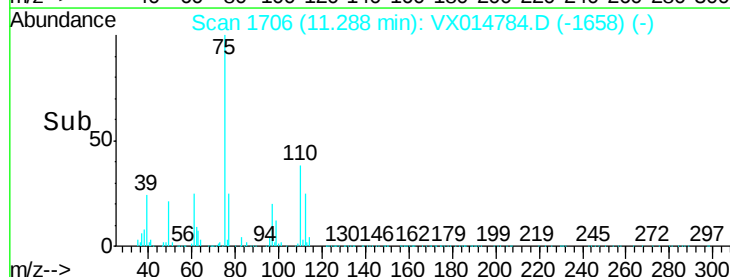
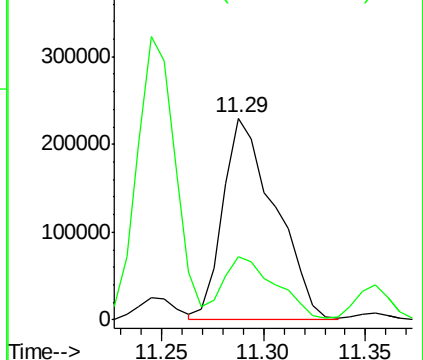
75 100

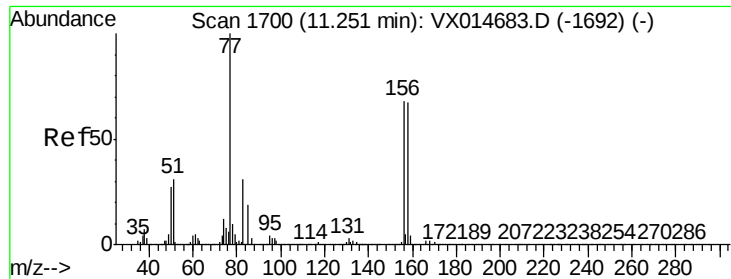
77 31.9 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.57 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

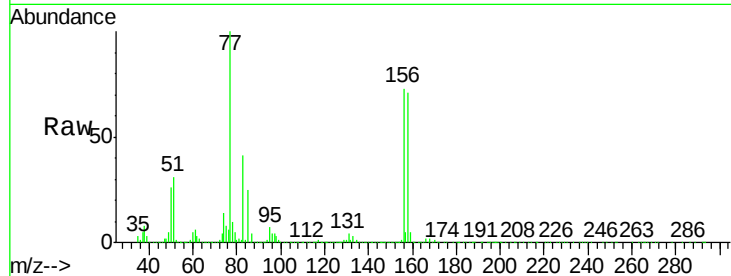
Tgt Ion: 156 Resp: 286141

Ion Ratio Lower Upper

156 100

77 146.0 77.5 232.5

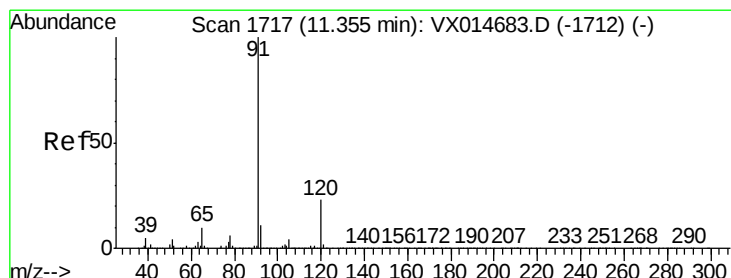
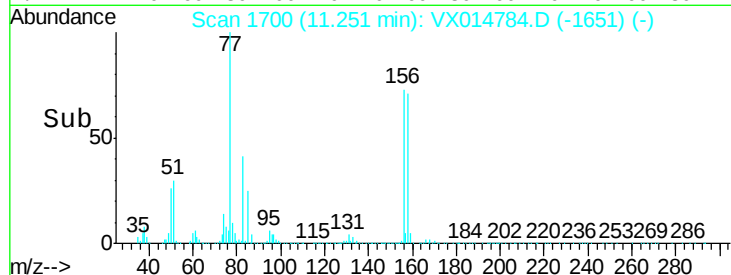
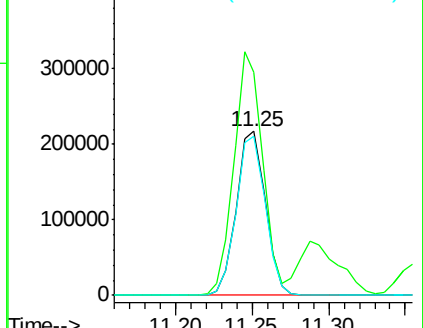
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.02 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014784.D

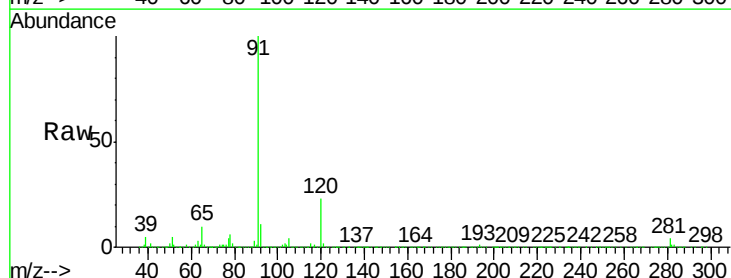
Acq: 31 Jan 2020 17:02

Tgt Ion: 91 Resp: 1244205

Ion Ratio Lower Upper

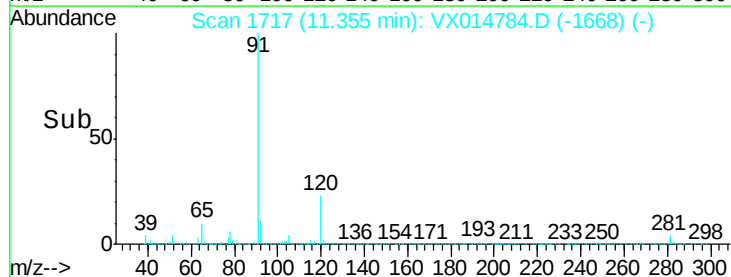
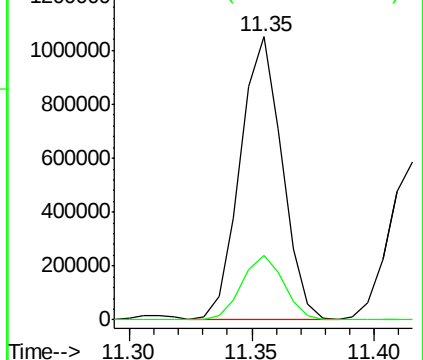
91 100

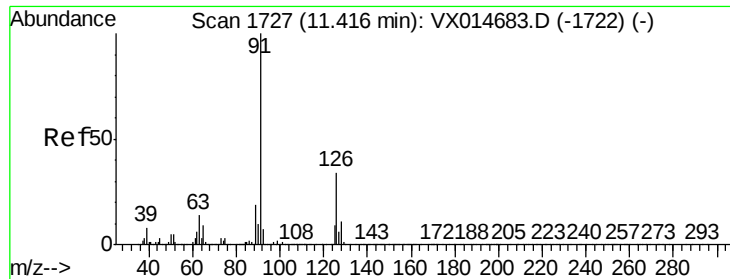
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

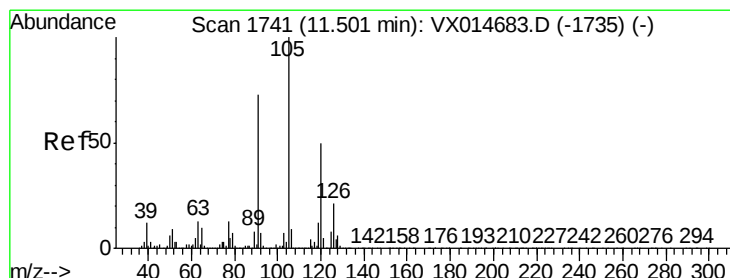
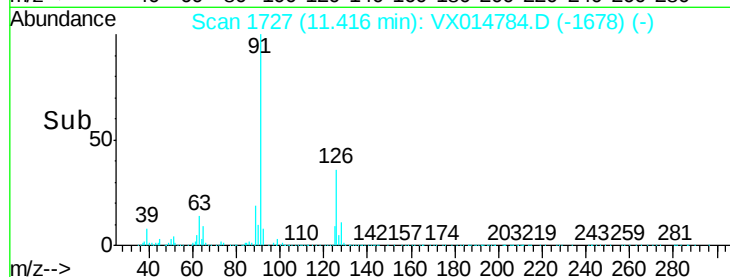
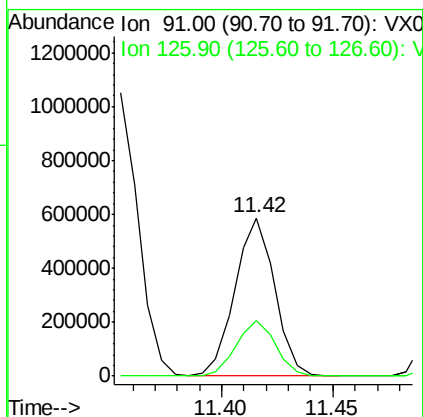
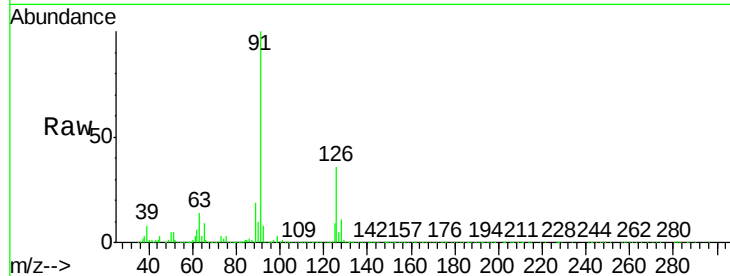




#79
 2-Chlorotoluene
 Concen: 49.22 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

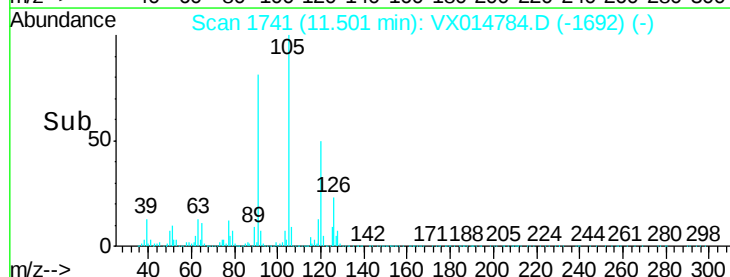
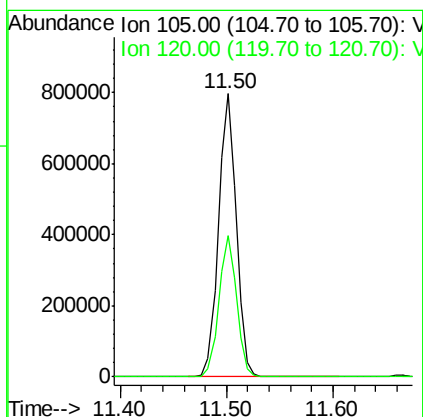
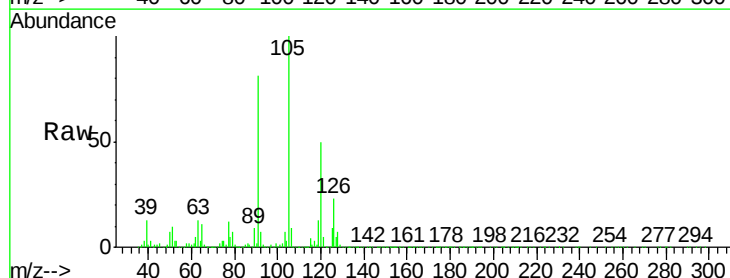
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

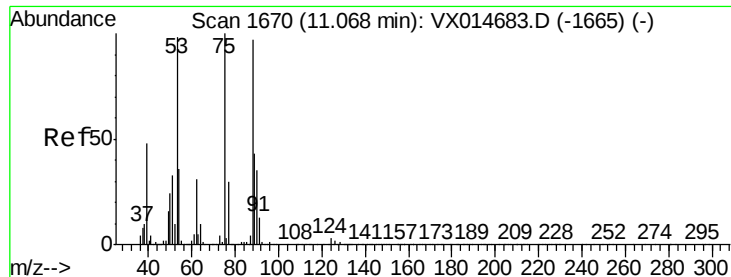
Tgt Ion: 91 Resp: 726295
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.65 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion: 105 Resp: 920986
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6

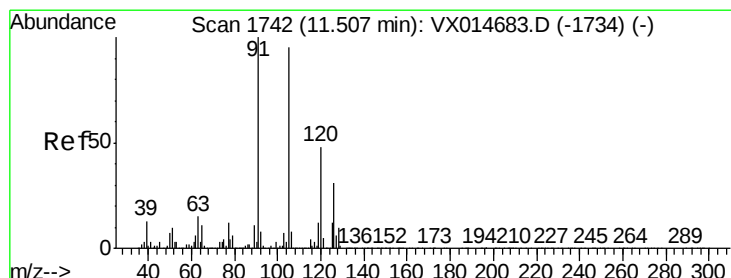
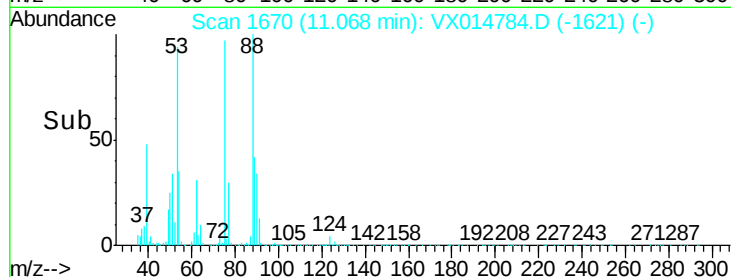
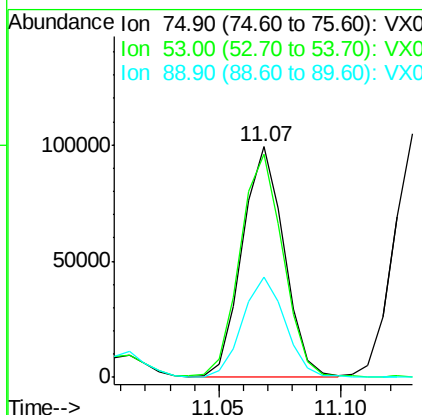
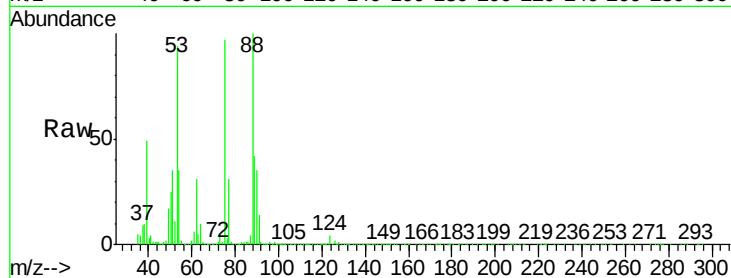




#81
trans-1,4-Dichloro-2-butene
Concen: 47.32 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

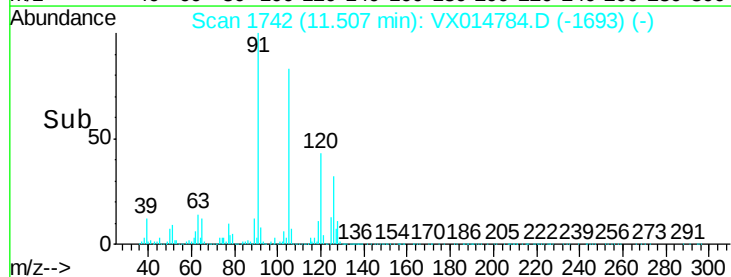
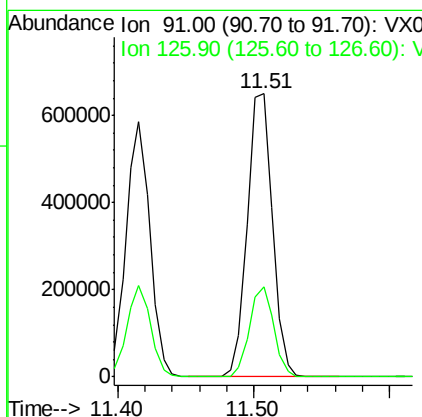
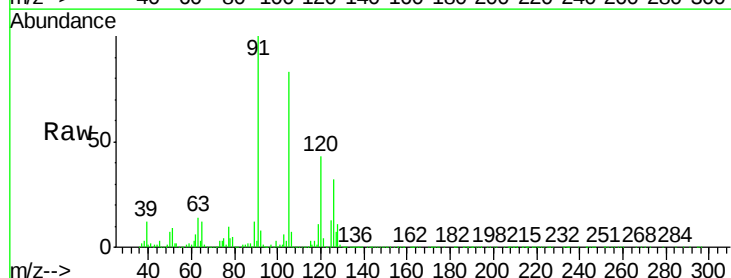
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

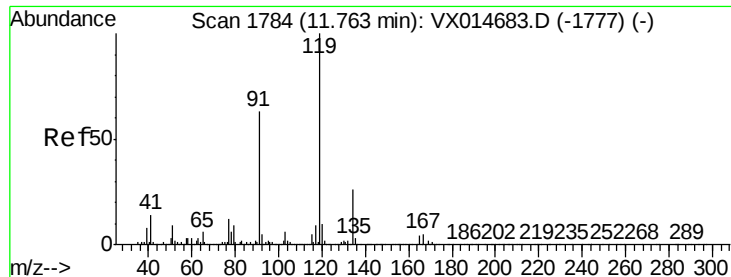
Tgt Ion: 75 Resp: 118202
Ion Ratio Lower Upper
75 100
53 99.0 78.8 118.2
89 44.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 50.40 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 91 Resp: 846740
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.4

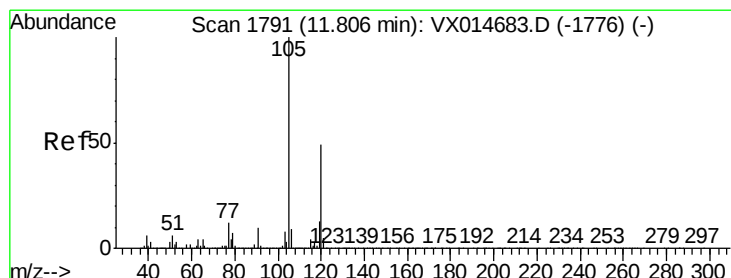
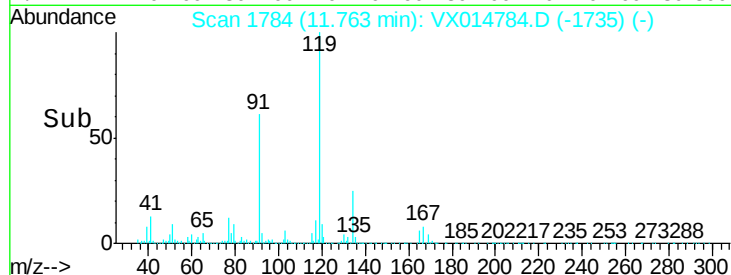
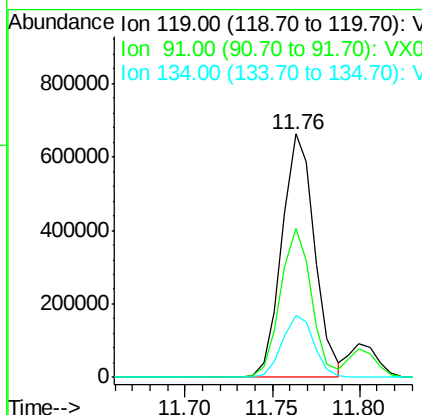
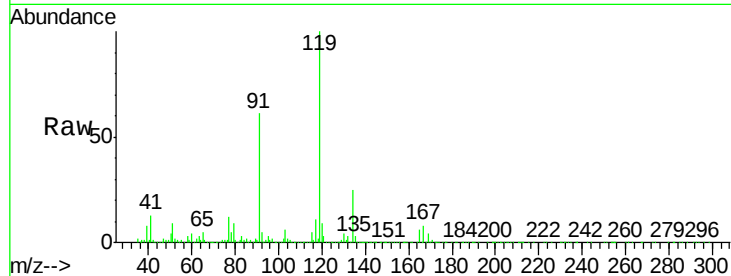




#83
 tert-Butylbenzene
 Concen: 51.76 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

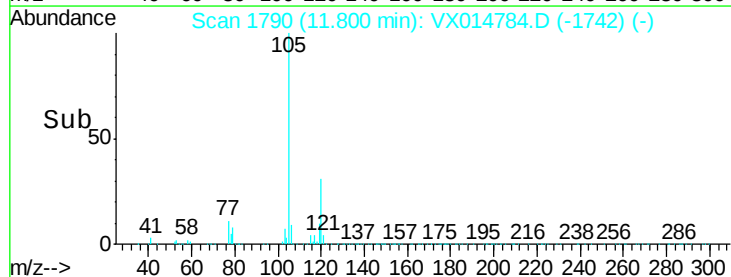
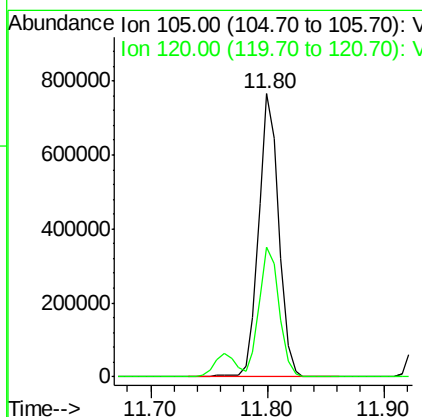
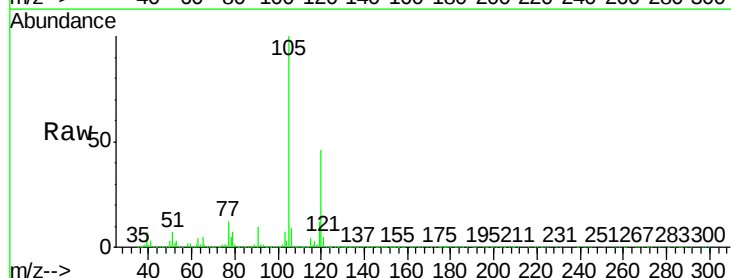
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

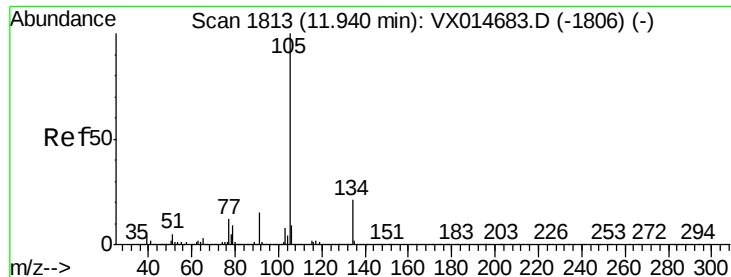
Tgt Ion:119 Resp: 867300
 Ion Ratio Lower Upper
 119 100
 91 58.1 30.0 90.0
 134 24.9 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.37 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion:105 Resp: 918781
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.0

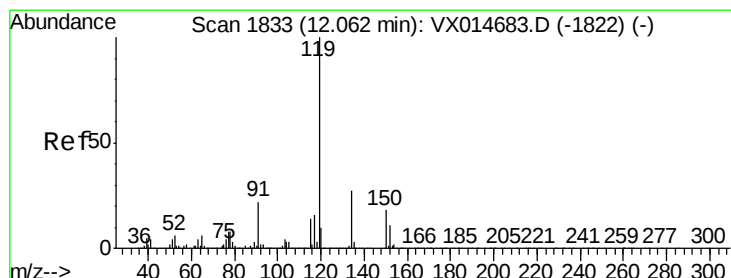
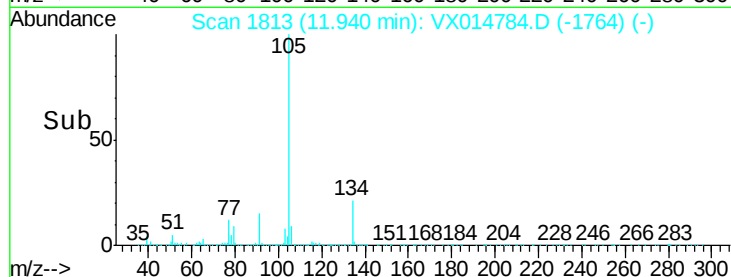
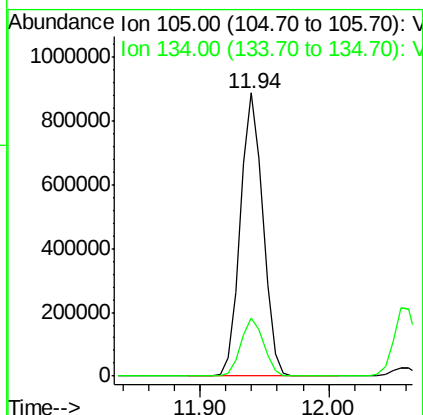
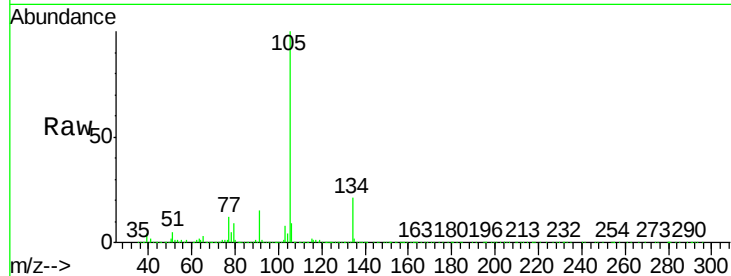




#85
 sec-Butylbenzene
 Concen: 52.27 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

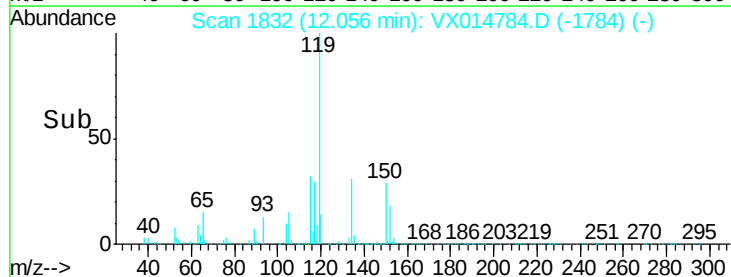
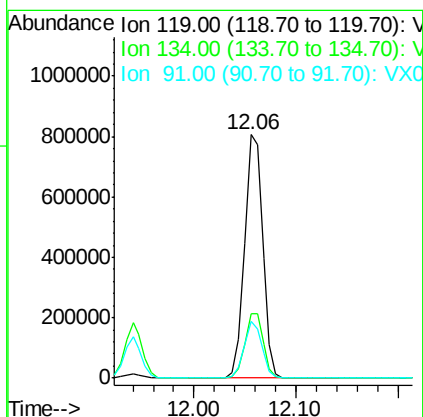
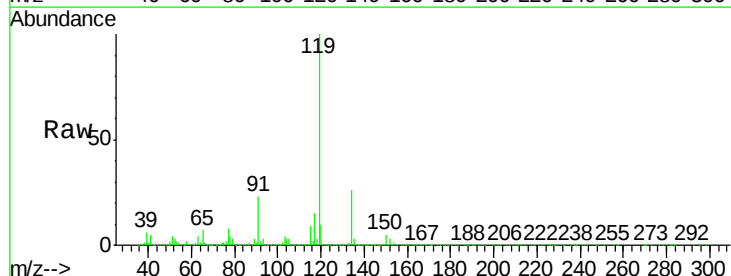
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

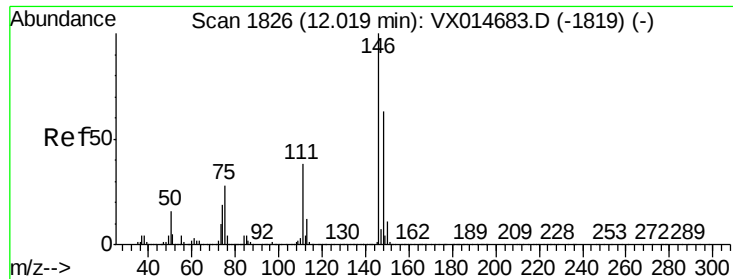
Tgt Ion:105 Resp: 1072902
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.24 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion:119 Resp: 990975
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.6 11.3 33.8

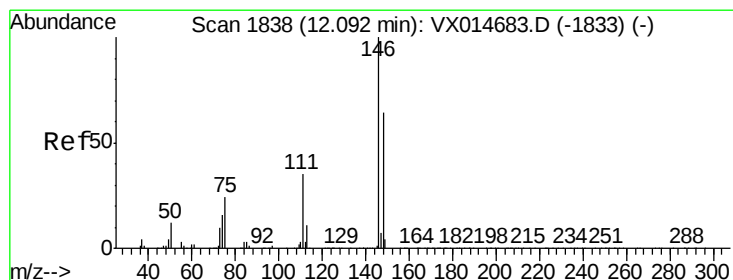
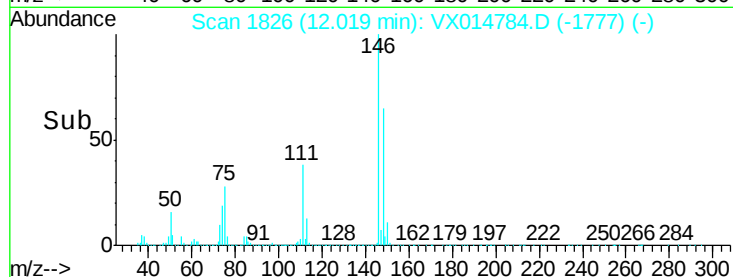
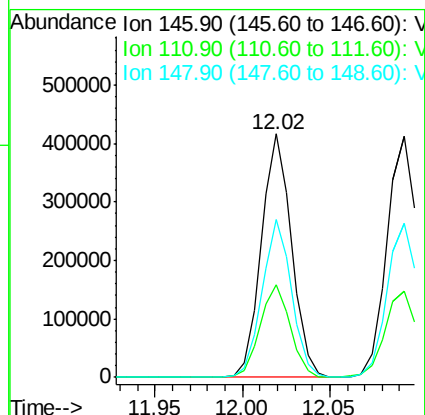
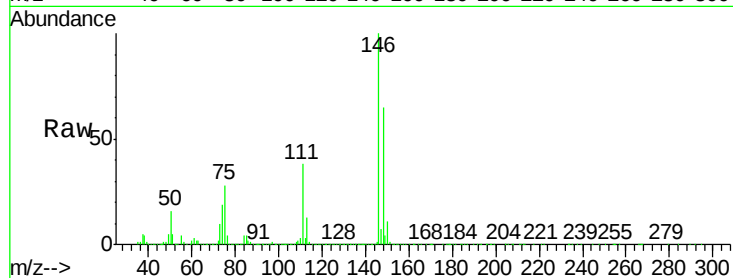




#87
 1,3-Dichlorobenzene
 Concen: 48.63 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

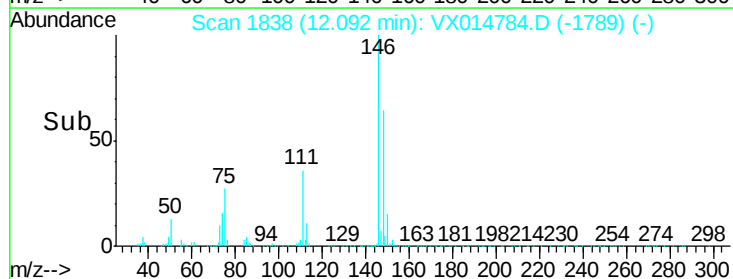
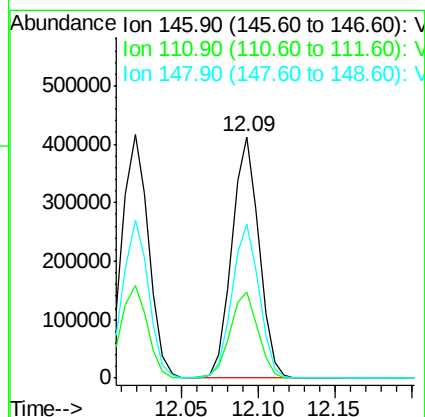
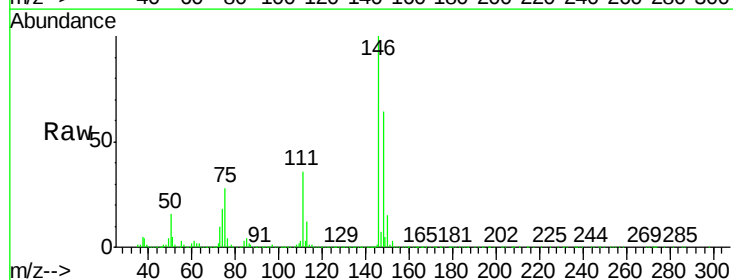
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

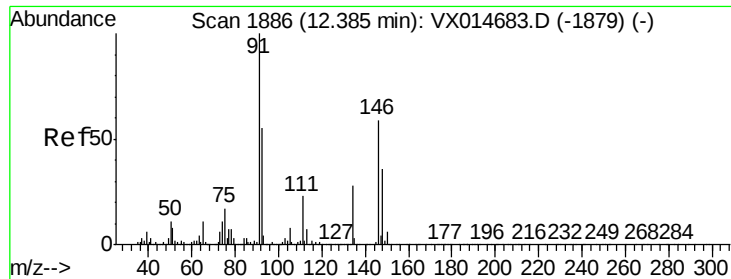
Tgt Ion:146 Resp: 504413
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.57 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion:146 Resp: 504656
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.8
 148 64.0 32.0 96.2

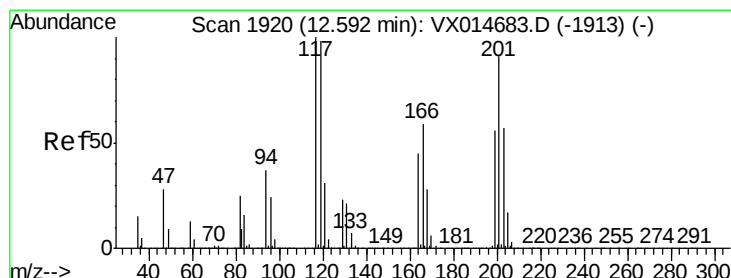
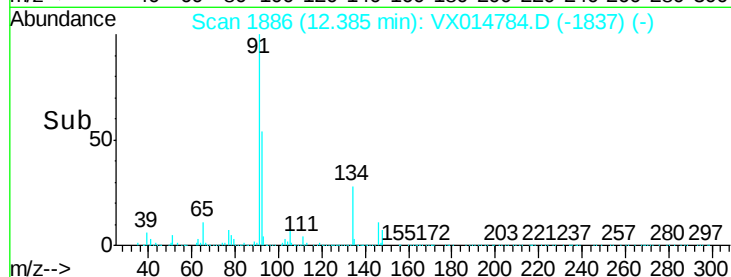
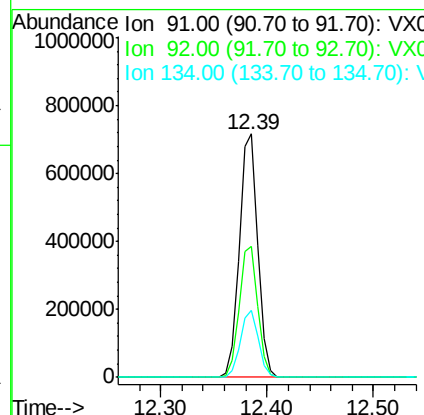
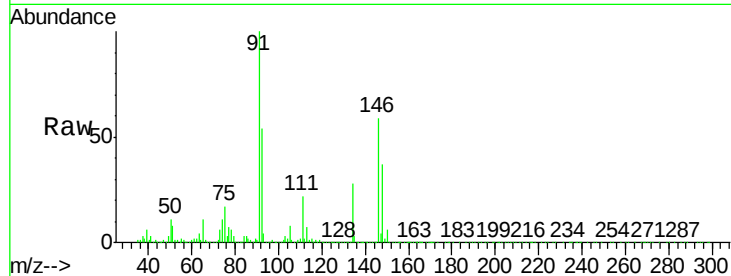




#89
n-Butylbenzene
Concen: 52.52 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

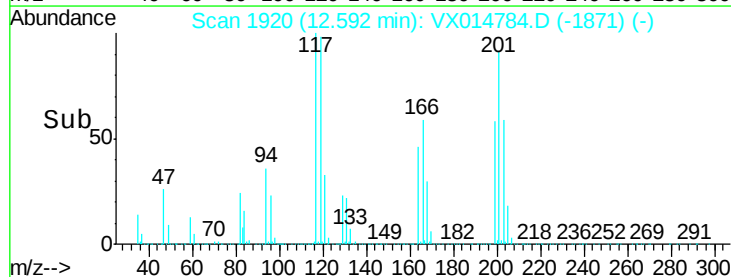
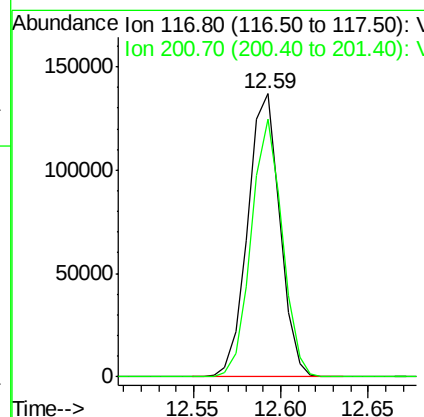
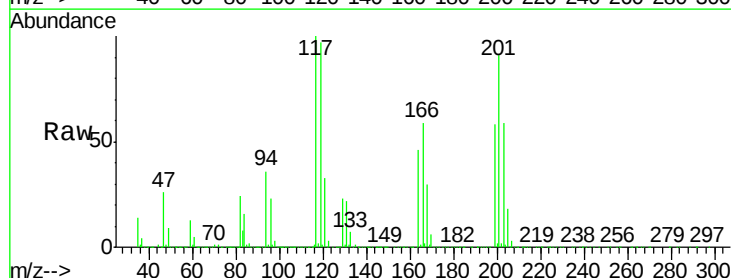
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

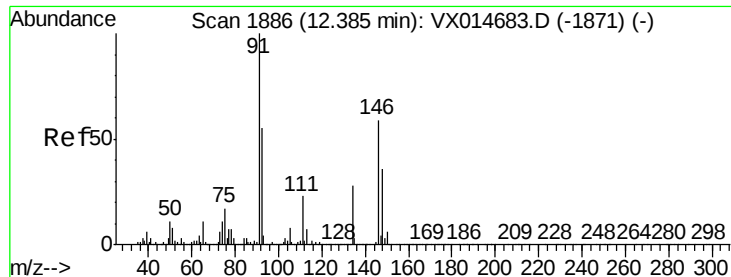
Tgt Ion: 91 Resp: 867721
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.7
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 49.67 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion: 117 Resp: 175021
Ion Ratio Lower Upper
117 100
201 87.7 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 48.99 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

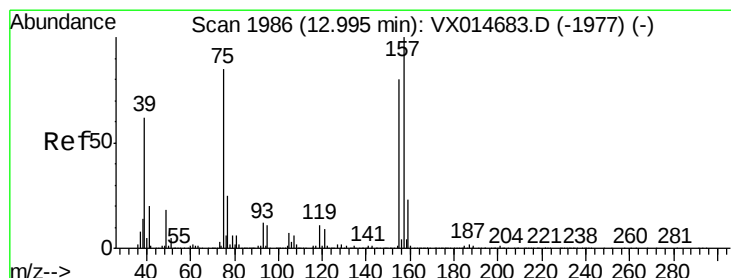
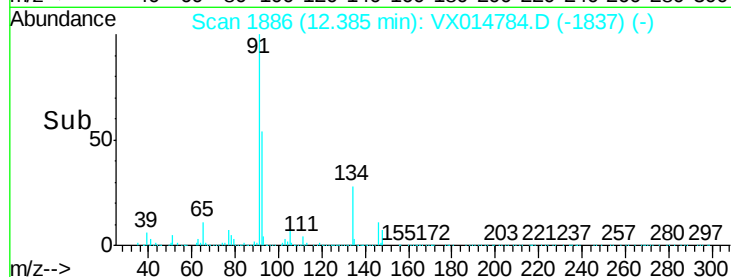
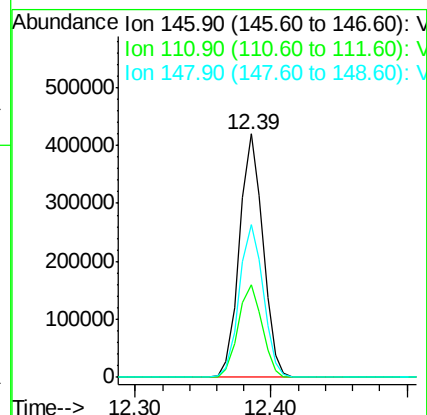
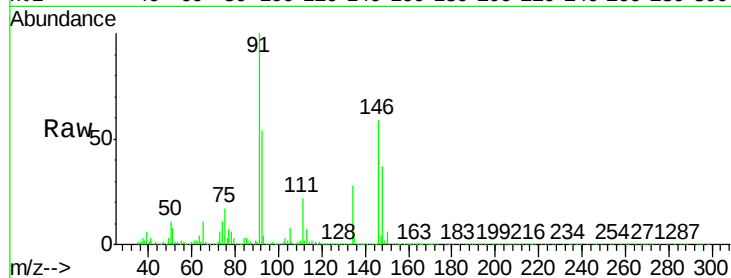
Tgt Ion:146 Resp: 504713

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.8

148 63.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.50 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014784.D

Acq: 31 Jan 2020 17:02

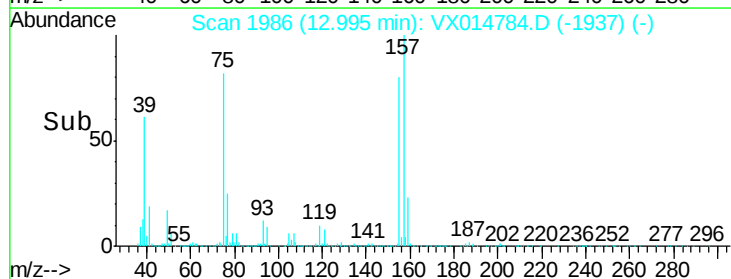
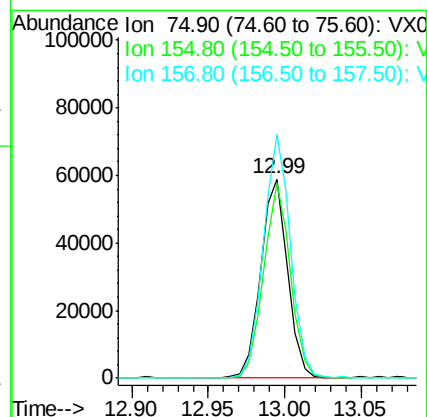
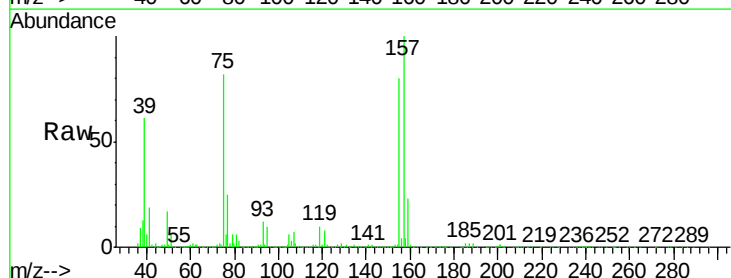
Tgt Ion: 75 Resp: 71689

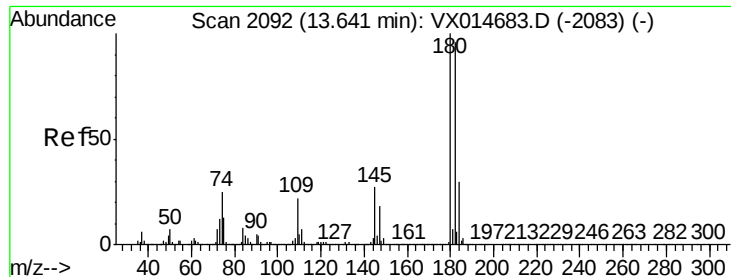
Ion Ratio Lower Upper

75 100

155 98.1 45.6 136.9

157 123.4 60.3 180.9

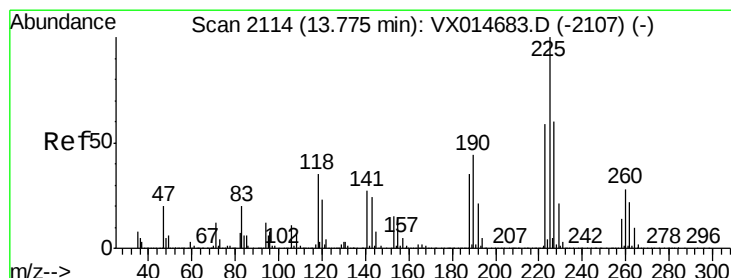
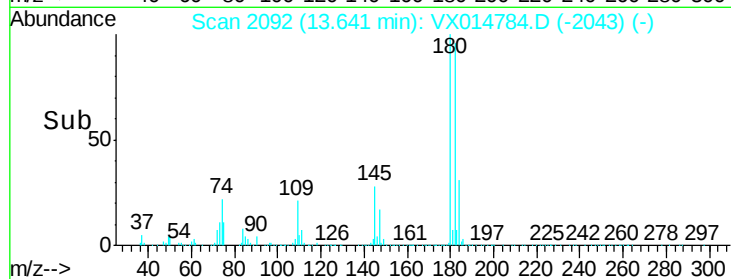
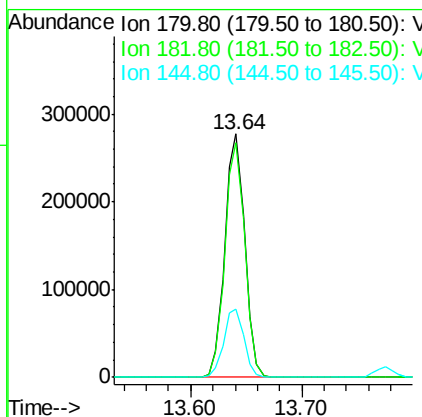
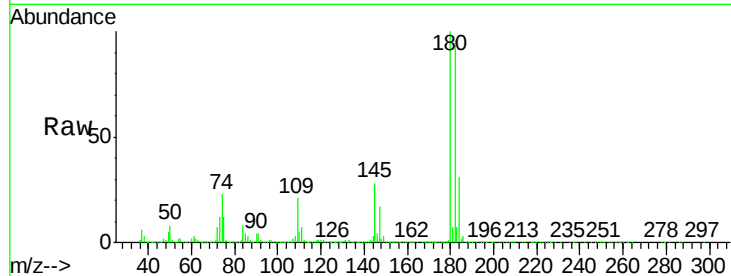




#93
 1,2,4-Trichlorobenzene
 Concen: 51.63 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

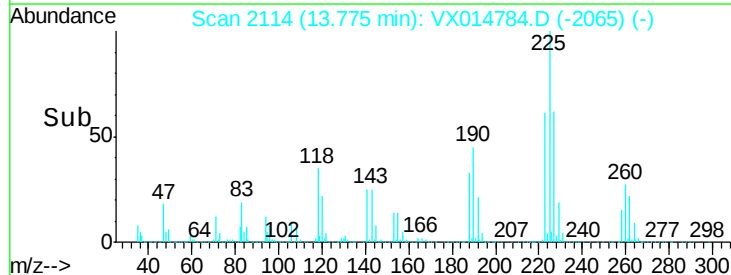
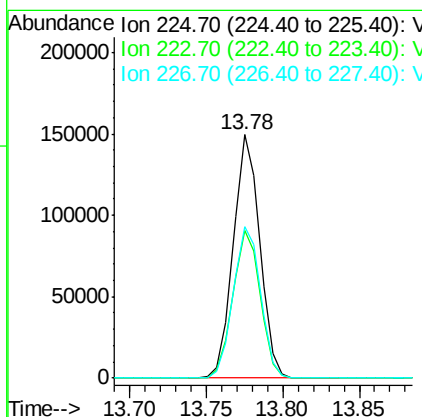
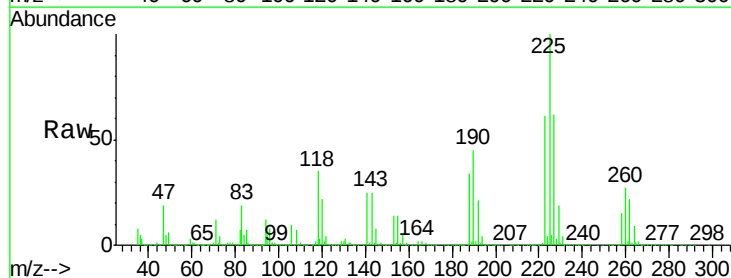
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

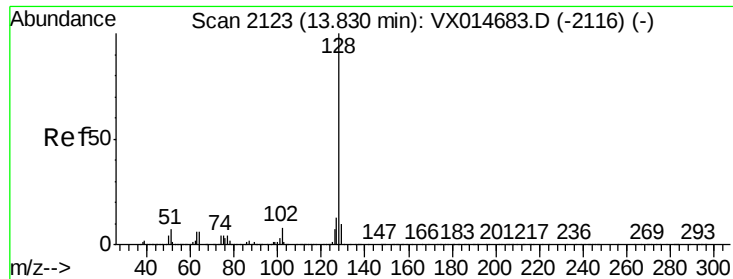
Tgt Ion:180 Resp: 342948
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.5 145.6
 145 28.6 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 52.48 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014784.D
 Acq: 31 Jan 2020 17:02

Tgt Ion:225 Resp: 179405
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.6 91.8
 227 64.0 31.4 94.0

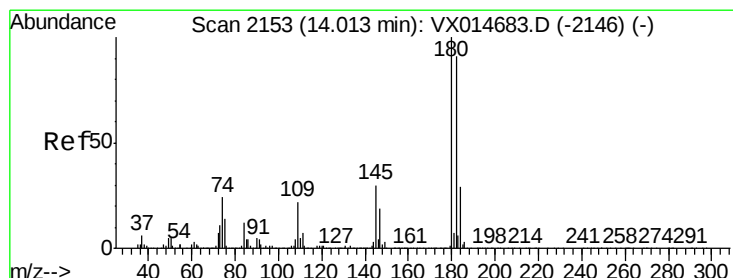
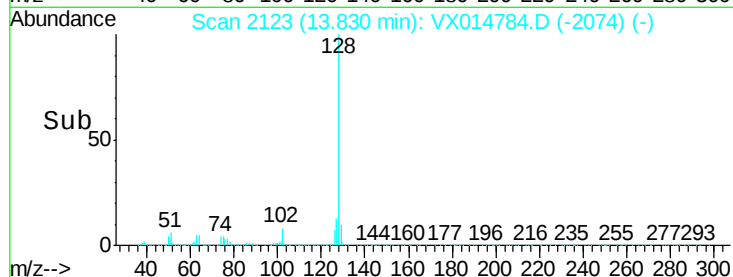
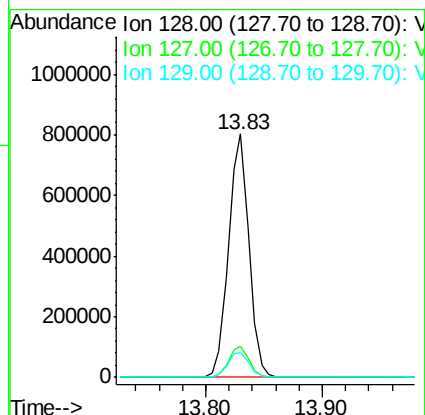
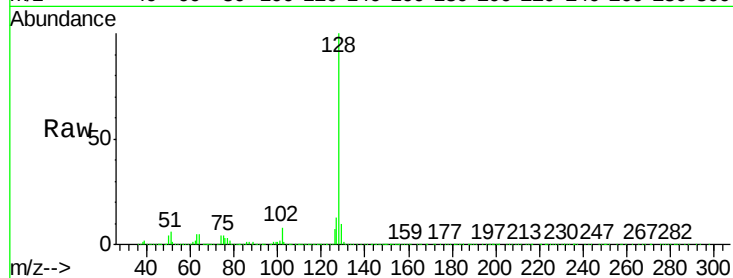




#95
Naphthalene
Concen: 45.27 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 967643
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.11 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014784.D
Acq: 31 Jan 2020 17:02

Tgt Ion:180 Resp: 343255
Ion Ratio Lower Upper
180 100
182 95.9 46.6 139.7
145 29.4 14.7 44.1

